

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111925\  
 Data File : BP026157.D  
 Acq On : 19 Nov 2025 12:57  
 Operator : RC/JU  
 Sample : Q3530-02  
 Misc : LOQ-SOIL- 5ng  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 13:17:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 19 01:25:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.672  | 152  | 245508   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.443 | 136  | 1010254  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.301 | 164  | 680254   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.113 | 188  | 1433456  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.566 | 240  | 1573718  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.895 | 264  | 1721658  | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.290  | 112  | 1730129  | 113.113 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.849  | 99   | 2224992  | 114.263 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.807  | 82   | 1442111  | 81.084  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.819 | 330  | 1005804  | 113.978 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.913 | 172  | 3658758  | 78.827  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.860 | 244  | 6108373  | 79.146  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 28952    | 4.667   | ng    | 92       |
| 3) Pyridine                   | 3.619  | 79   | 71403    | 3.983   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.525  | 42   | 26925    | 4.018   | ng    | # 91     |
| 6) Aniline                    | 7.002  | 93   | 109174   | 4.246   | ng    | 98       |
| 8) 2-Chlorophenol             | 7.243  | 128  | 72636    | 4.172   | ng    | 91       |
| 9) Benzaldehyde               | 6.819  | 77   | 62136    | 6.089   | ng    | 98       |
| 10) Phenol                    | 6.872  | 94   | 87538    | 4.173   | ng    | 82       |
| 11) bis(2-Chloroethyl)ether   | 7.102  | 93   | 66765    | 4.065   | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.560  | 146  | 81284    | 4.333   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.707  | 146  | 81999    | 4.338   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.019  | 146  | 79993    | 4.407   | ng    | 99       |
| 15) Benzyl Alcohol            | 7.902  | 79   | 56567    | 3.965   | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.190  | 45   | 96666    | 4.191   | ng    | 99       |
| 17) 2-Methylphenol            | 8.113  | 107  | 54341    | 3.805   | ng    | 97       |
| 18) Hexachloroethane          | 8.737  | 117  | 28223    | 4.104   | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.460  | 70   | 50305    | 4.158   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.431  | 107  | 75157    | 3.798   | ng    | 99       |
| 22) Acetophenone              | 8.478  | 105  | 107884   | 4.201   | ng    | # 99     |
| 24) Nitrobenzene              | 8.849  | 77   | 80565    | 4.478   | ng    | 97       |
| 25) Isophorone                | 9.378  | 82   | 144472   | 4.097   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.554  | 139  | 29789    | 3.272   | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 9.619  | 122  | 61872    | 3.769   | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.854  | 93   | 91087    | 4.125   | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.090 | 162  | 61394    | 3.742   | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.301 | 180  | 73209    | 4.382   | ng    | 99       |
| 31) Naphthalene               | 10.490 | 128  | 228784   | 4.190   | ng    | 98       |
| 32) Benzoic acid              | 9.684  | 122  | 30432    | 2.201   | ng    | 92       |
| 33) 4-Chloroaniline           | 10.590 | 127  | 92553    | 3.986   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.784 | 225  | 44393    | 4.086   | ng    | 99       |
| 35) Caprolactam               | 11.348 | 113  | 20557    | 3.499   | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.725 | 107  | 65217    | 3.740   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.107 | 142  | 146141   | 3.776   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.325 | 142  | 154822   | 4.092   | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.472 | 216  | 85300    | 4.147   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.460 | 237  | 44766    | 3.325   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.719 | 196  | 51280    | 3.636   | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111925\  
 Data File : BP026157.D  
 Acq On : 19 Nov 2025 12:57  
 Operator : RC/JU  
 Sample : Q3530-02  
 Misc : LOQ-SOIL- 5ng  
 ALS Vial : 5 Sample Multiplier: 1

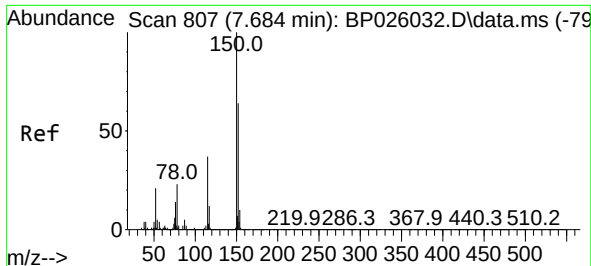
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 13:17:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 19 01:25:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.790 | 196  | 58587    | 3.722 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.125 | 154  | 220083   | 4.297 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.160 | 162  | 165114   | 4.099 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.360 | 65   | 37906    | 3.384 | ng    | 90       |
| 49) Acenaphthylene            | 14.019 | 152  | 263981   | 3.973 | ng    | 99       |
| 50) Dimethylphthalate         | 13.754 | 163  | 207373   | 4.082 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.866 | 165  | 37948    | 3.769 | ng    | 91       |
| 52) Acenaphthene              | 14.372 | 154  | 161328   | 4.143 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.201 | 138  | 40504    | 3.417 | ng #  | 96       |
| 55) Dibenzofuran              | 14.707 | 168  | 260083   | 4.313 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.519 | 139  | 28485    | 2.656 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.666 | 165  | 47835    | 3.182 | ng #  | 94       |
| 58) Fluorene                  | 15.372 | 166  | 212122   | 4.450 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.942 | 232  | 52103    | 3.902 | ng    | 99       |
| 60) Diethylphthalate          | 15.142 | 149  | 207369   | 4.052 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.366 | 204  | 103310   | 4.356 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.378 | 138  | 40838    | 3.318 | ng    | 97       |
| 63) Azobenzene                | 15.666 | 77   | 173349   | 4.017 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.442 | 198  | 22322    | 2.451 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.583 | 169  | 181116   | 4.084 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.278 | 248  | 61699    | 3.887 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.395 | 284  | 74289    | 4.033 | ng    | 97       |
| 69) Atrazine                  | 16.560 | 200  | 62490    | 3.737 | ng    | 99       |
| 70) Pentachlorophenol         | 16.754 | 266  | 39481    | 3.064 | ng    | 95       |
| 71) Phenanthrene              | 17.148 | 178  | 339008   | 4.198 | ng    | 100      |
| 72) Anthracene                | 17.242 | 178  | 332681   | 4.039 | ng    | 100      |
| 73) Carbazole                 | 17.525 | 167  | 317809   | 4.063 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.130 | 149  | 334178   | 3.603 | ng    | 99       |
| 75) Fluoranthene              | 19.248 | 202  | 401728   | 4.095 | ng    | 98       |
| 77) Benzidine                 | 19.448 | 184  | 170647   | 3.417 | ng    | 100      |
| 78) Pyrene                    | 19.630 | 202  | 431040   | 4.177 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.601 | 149  | 149385   | 3.287 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.542 | 228  | 450071   | 4.164 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.471 | 252  | 142484   | 3.625 | ng    | 100      |
| 83) Chrysene                  | 21.613 | 228  | 435769   | 4.278 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.513 | 149  | 231702   | 3.368 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.801 | 149  | 372074   | 3.093 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.659 | 276  | 424576   | 3.288 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 23.848 | 252  | 428132   | 4.083 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.918 | 252  | 431716   | 4.122 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.742 | 252  | 402917   | 4.057 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.753 | 278  | 409616   | 3.875 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.812 | 276  | 409345   | 3.896 | ng    | 98       |

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

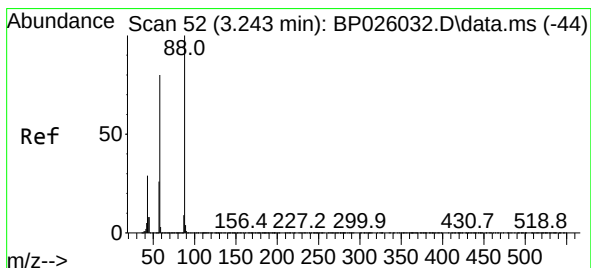
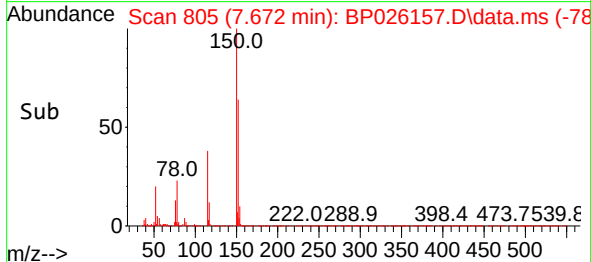
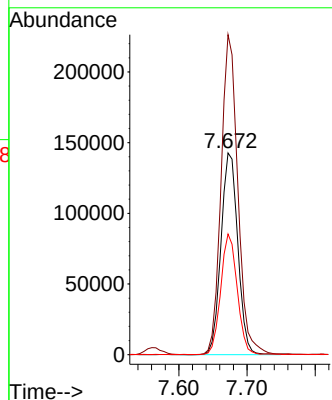
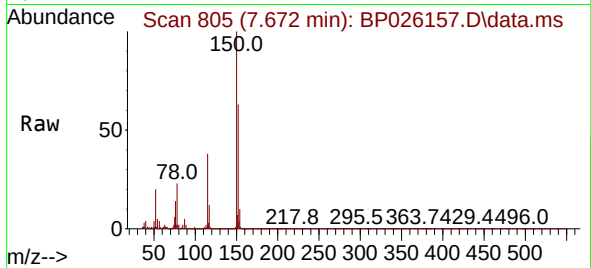




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.672 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

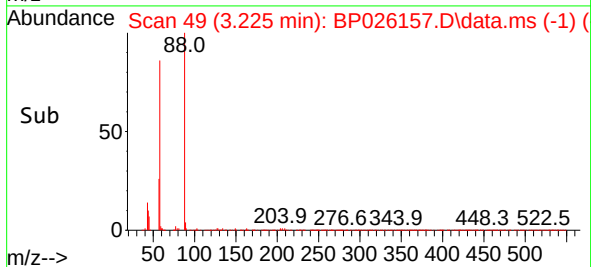
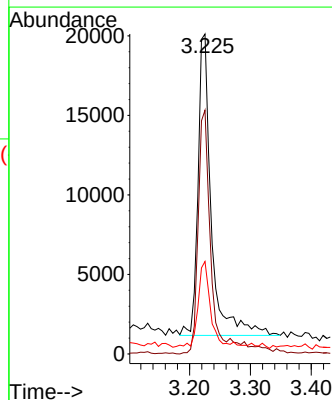
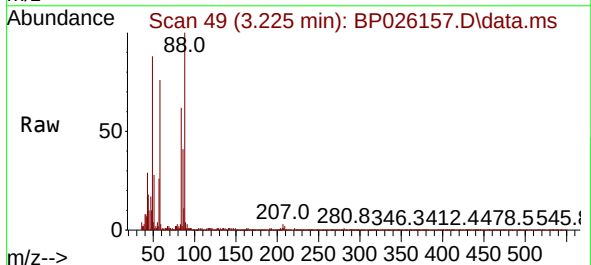
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

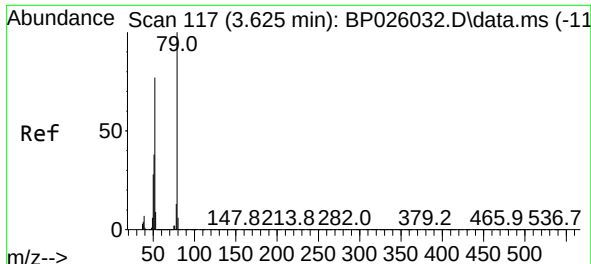
Tgt Ion:152 Resp: 245508  
 Ion Ratio Lower Upper  
 152 100  
 150 158.6 123.0 184.6  
 115 59.8 46.3 69.5



#2  
 1,4-Dioxane  
 Concen: 4.667 ng  
 RT: 3.225 min Scan# 49  
 Delta R.T. 0.000 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

Tgt Ion: 88 Resp: 28952  
 Ion Ratio Lower Upper  
 88 100  
 58 71.5 64.2 96.4  
 43 25.6 21.5 32.3

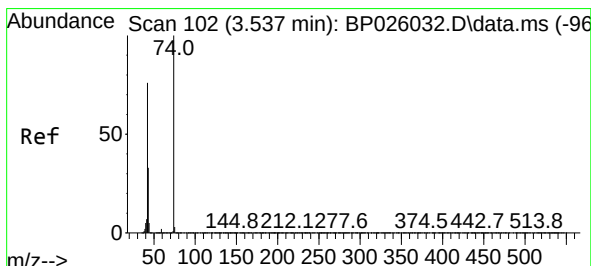
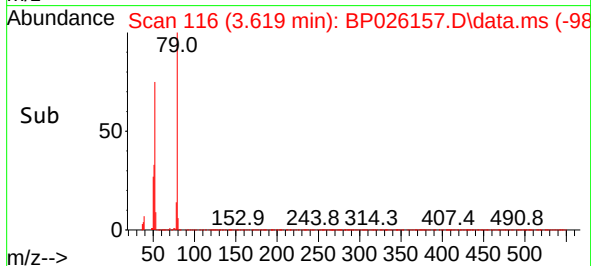
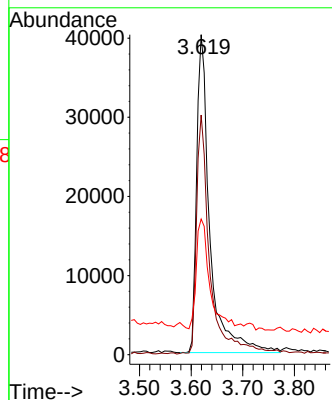
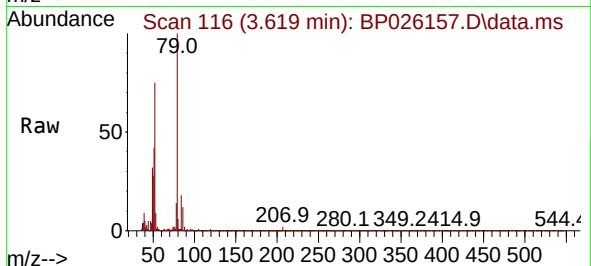




#3  
Pyridine  
Concen: 3.983 ng  
RT: 3.619 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

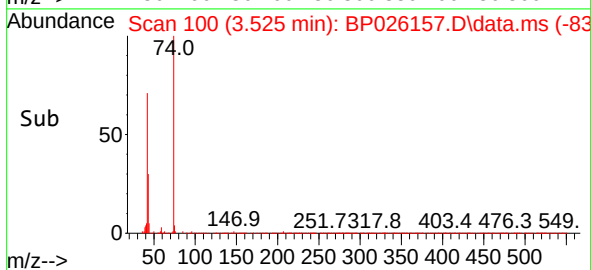
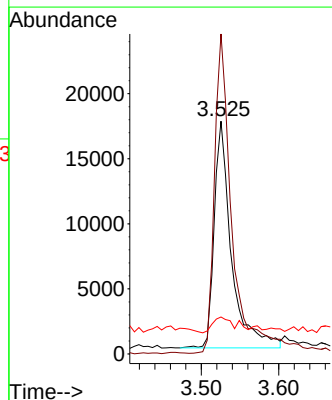
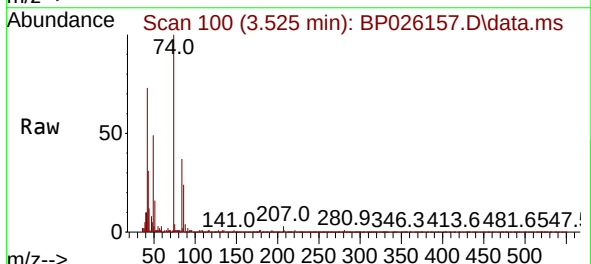
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

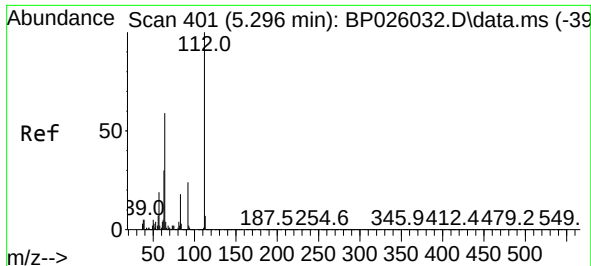
Tgt Ion: 79 Resp: 71403  
Ion Ratio Lower Upper  
79 100  
52 74.9 60.2 90.2  
51 42.4 29.5 44.3



#4  
n-Nitrosodimethylamine  
Concen: 4.018 ng  
RT: 3.525 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 42 Resp: 26925  
Ion Ratio Lower Upper  
42 100  
74 137.4 118.1 177.1  
44 15.9 6.2 9.4

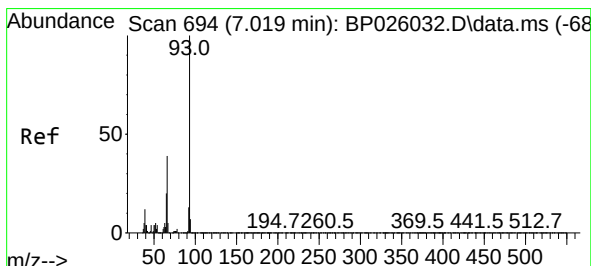
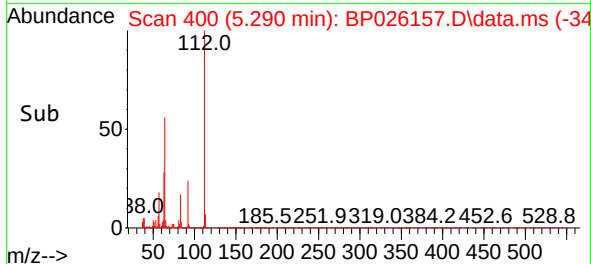
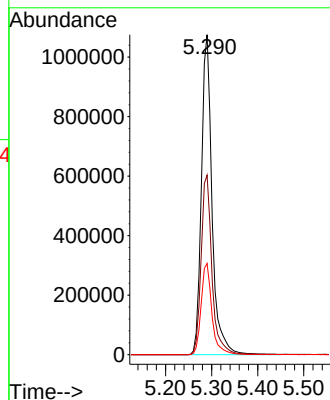
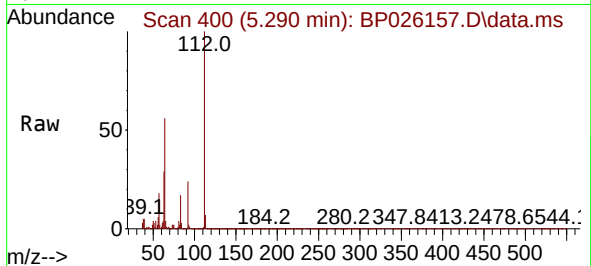




#5  
2-Fluorophenol  
Concen: 113.113 ng  
RT: 5.290 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

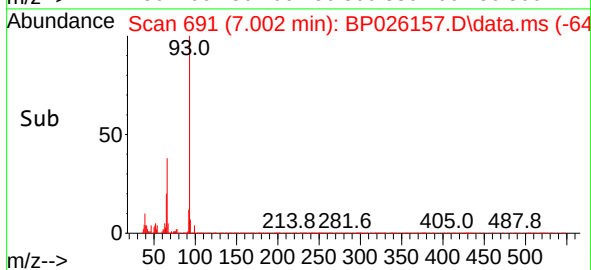
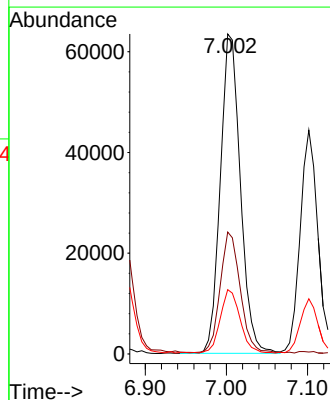
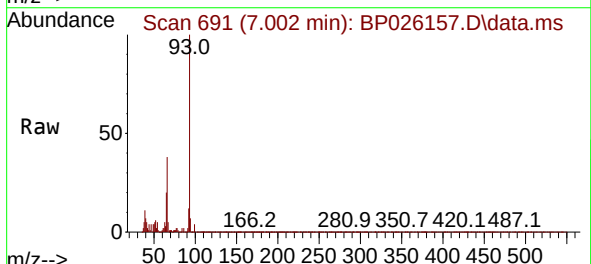
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

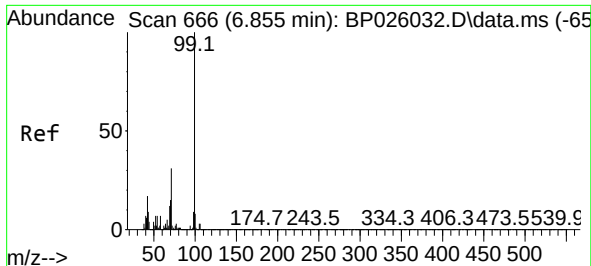
Tgt Ion:112 Resp: 1730129  
Ion Ratio Lower Upper  
112 100  
64 56.1 45.8 68.6  
63 28.5 23.5 35.3



#6  
Aniline  
Concen: 4.246 ng  
RT: 7.002 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 93 Resp: 109174  
Ion Ratio Lower Upper  
93 100  
66 38.1 31.7 47.5  
65 20.1 15.8 23.6

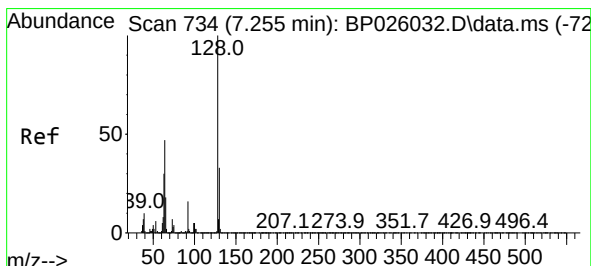
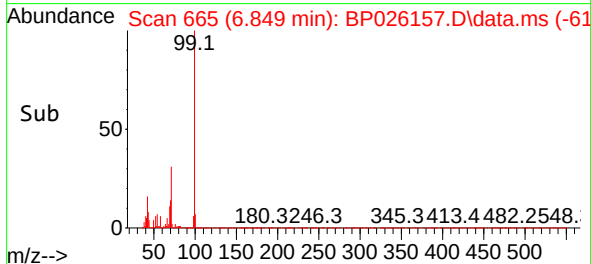
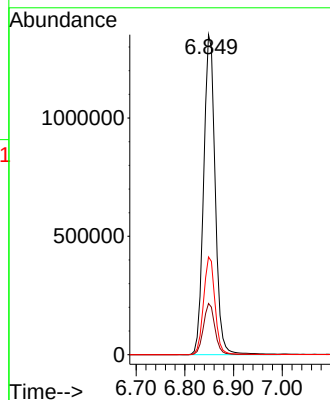
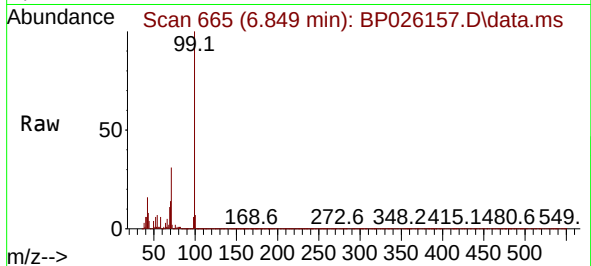




#7  
Phenol-d6  
Concen: 114.263 ng  
RT: 6.849 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

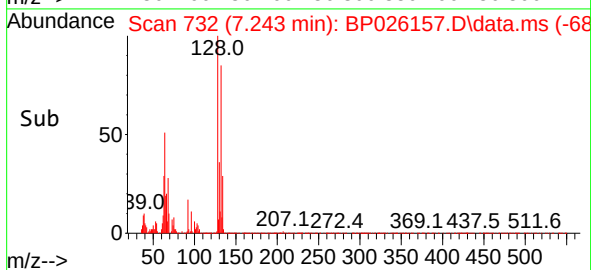
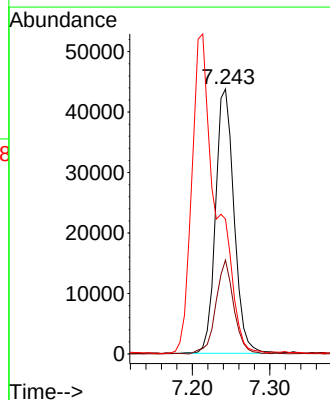
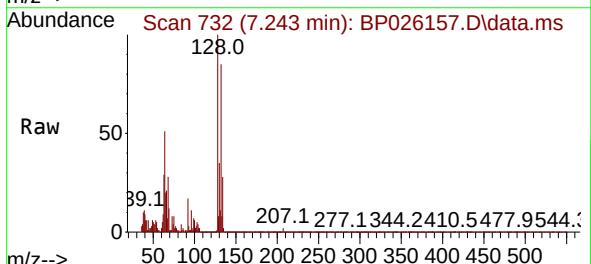
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

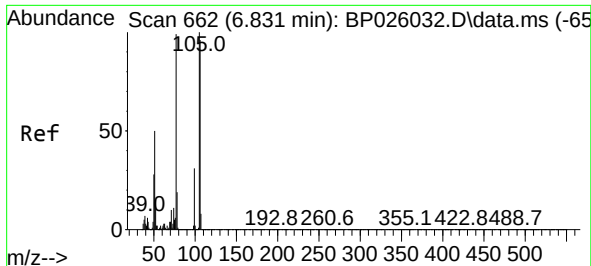
Tgt Ion: 99 Resp: 2224992  
Ion Ratio Lower Upper  
99 100  
42 16.0 12.9 19.3  
71 30.5 24.8 37.2



#8  
2-Chlorophenol  
Concen: 4.172 ng  
RT: 7.243 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:128 Resp: 72636  
Ion Ratio Lower Upper  
128 100  
130 35.4 12.4 52.4  
64 50.9 23.9 63.9

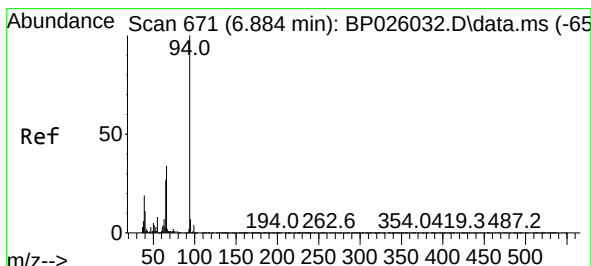
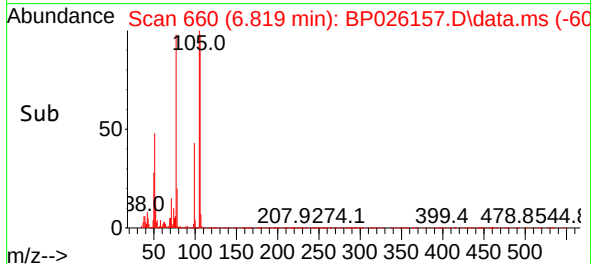
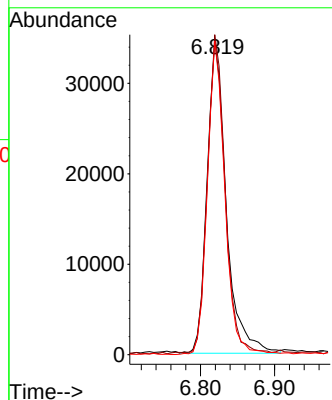
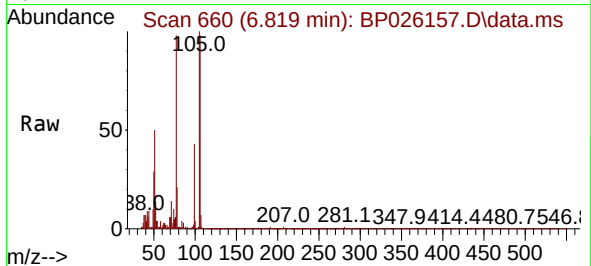




#9  
Benzaldehyde  
Concen: 6.089 ng  
RT: 6.819 min Scan# 662  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

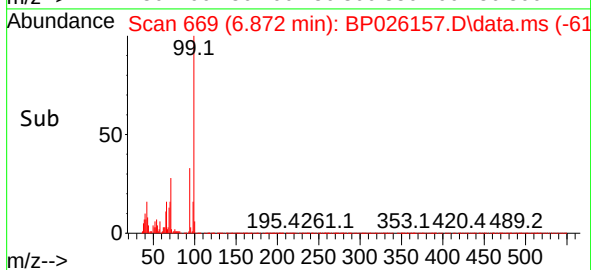
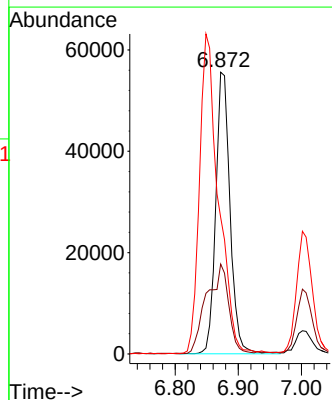
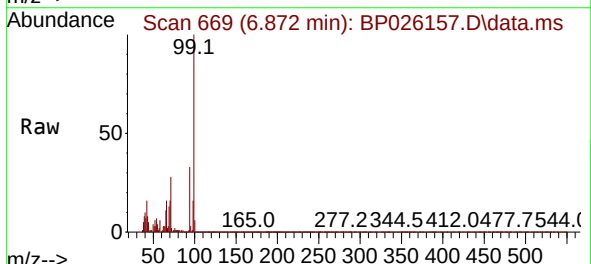
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

Tgt Ion: 77 Resp: 62136  
Ion Ratio Lower Upper  
77 100  
105 101.7 82.9 122.9  
106 99.7 77.8 117.8

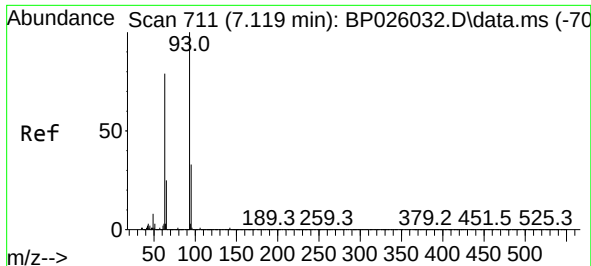


#10  
Phenol  
Concen: 4.173 ng  
RT: 6.872 min Scan# 669  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 94 Resp: 87538  
Ion Ratio Lower Upper  
94 100  
65 31.9 7.0 47.0  
66 48.4 14.5 54.5



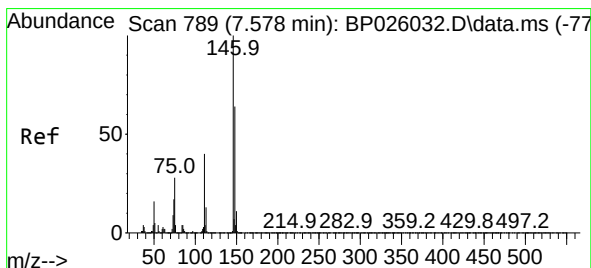
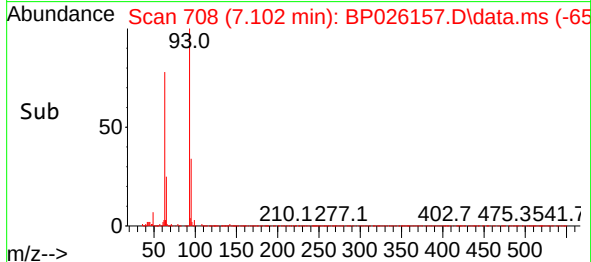
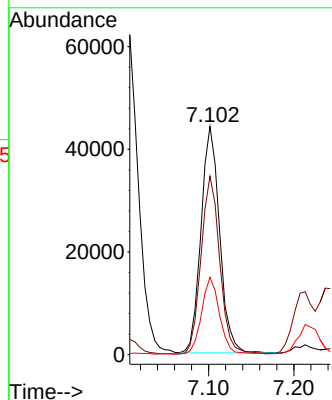
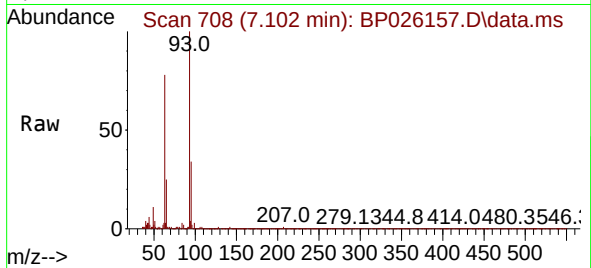




#11  
bis(2-Chloroethyl)ether  
Concen: 4.065 ng  
RT: 7.102 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

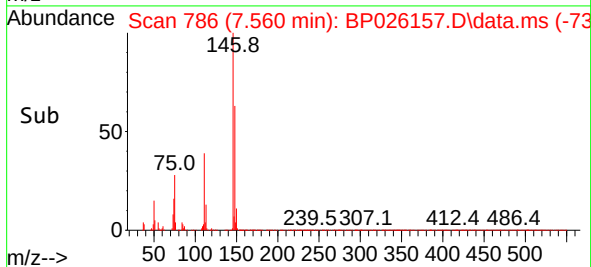
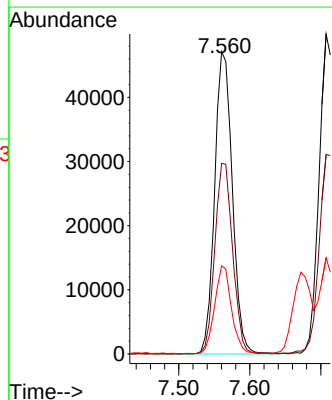
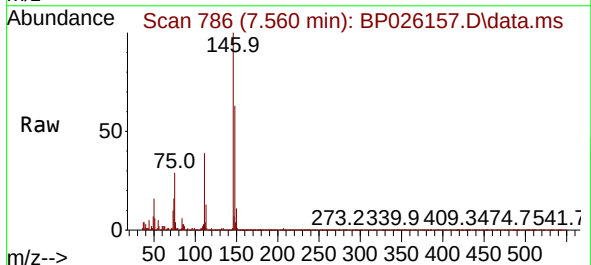
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

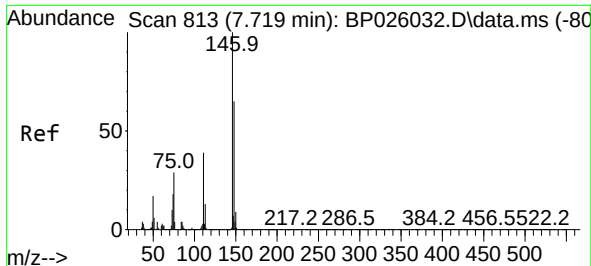
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 66765 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 78.2     | 58.8 98.8   |
| 95 34.0     | 12.1 52.1   |



#12  
1,3-Dichlorobenzene  
Concen: 4.333 ng  
RT: 7.560 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|              |             |
|--------------|-------------|
| Tgt Ion: 146 | Resp: 81284 |
| Ion Ratio    | Lower Upper |
| 146 100      |             |
| 148 63.1     | 51.8 77.8   |
| 75 29.1      | 22.2 33.2   |

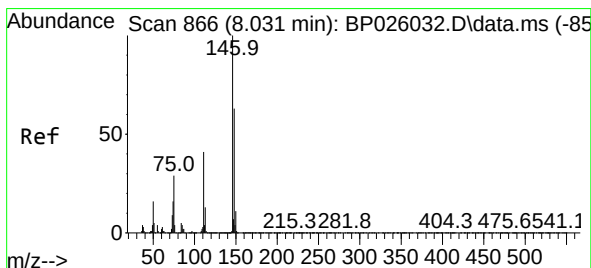
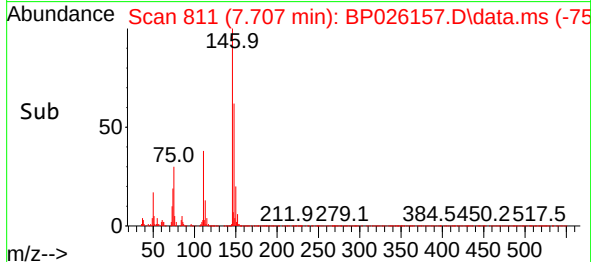
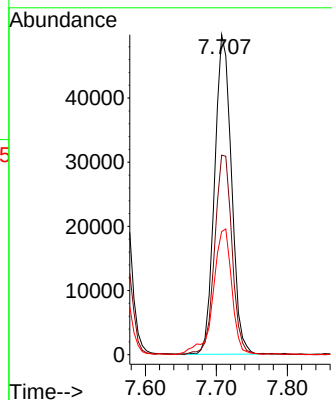
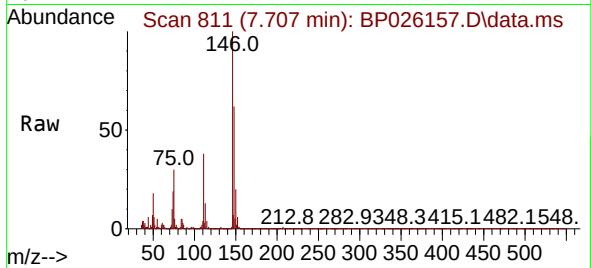




#13  
1,4-Dichlorobenzene  
Concen: 4.338 ng  
RT: 7.707 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

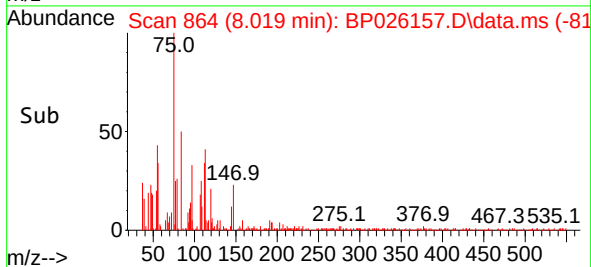
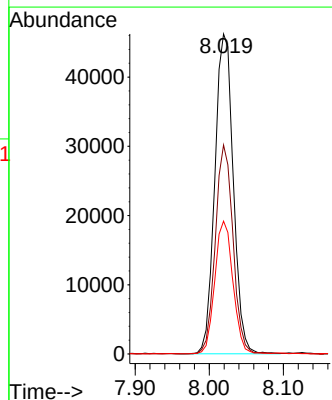
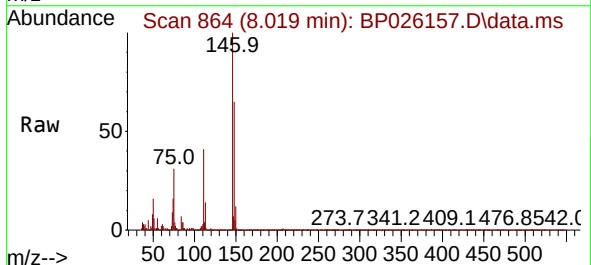
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

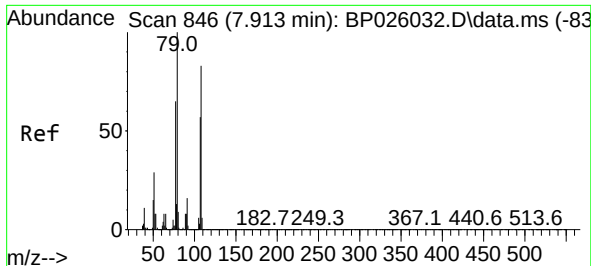
Tgt Ion:146 Resp: 81999  
Ion Ratio Lower Upper  
146 100  
148 62.3 51.4 77.2  
111 38.4 31.7 47.5



#14  
1,2-Dichlorobenzene  
Concen: 4.407 ng  
RT: 8.019 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:146 Resp: 79993  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.0 76.6  
111 41.5 33.0 49.4

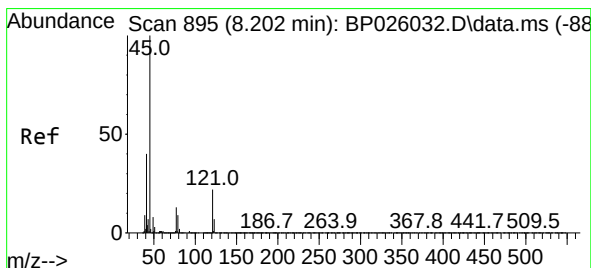
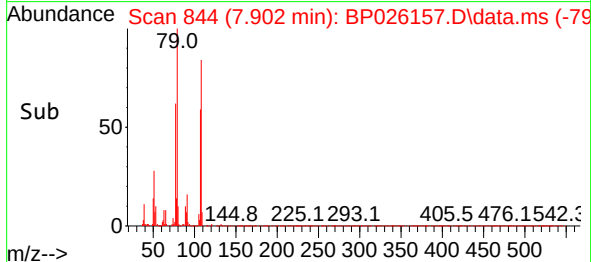
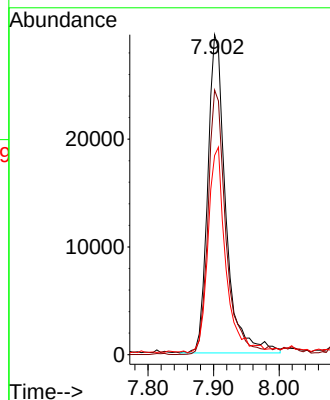
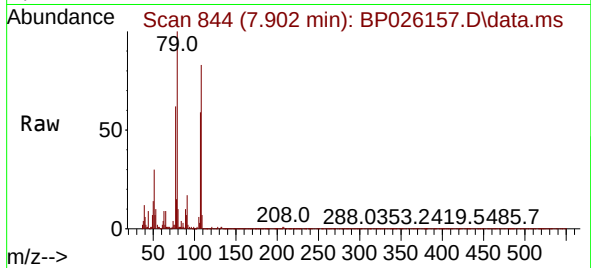




#15  
Benzyl Alcohol  
Concen: 3.965 ng  
RT: 7.902 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

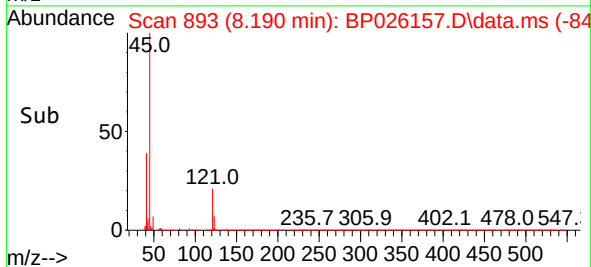
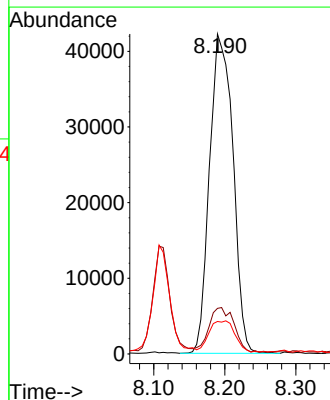
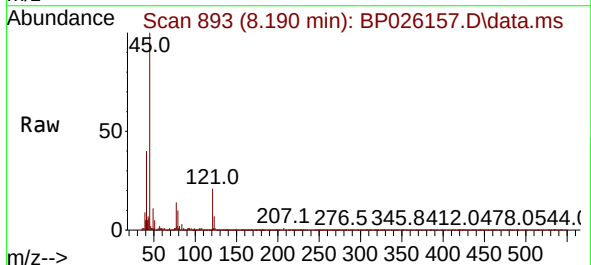
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

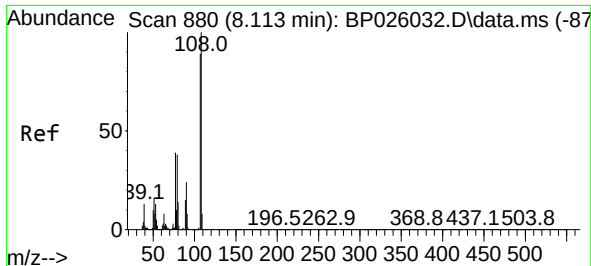
Tgt Ion: 79 Resp: 56567  
Ion Ratio Lower Upper  
79 100  
108 82.7 66.2 99.4  
77 62.2 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.191 ng  
RT: 8.190 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 45 Resp: 96666  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 33.9  
79 10.1 0.0 30.4

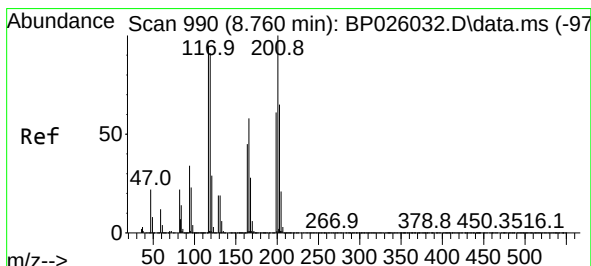
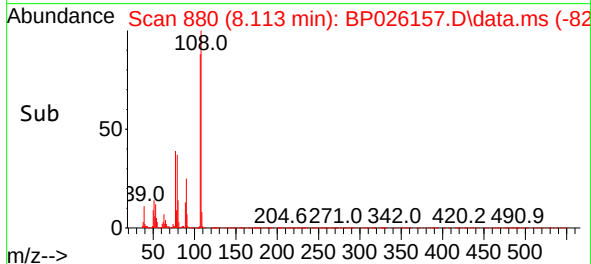
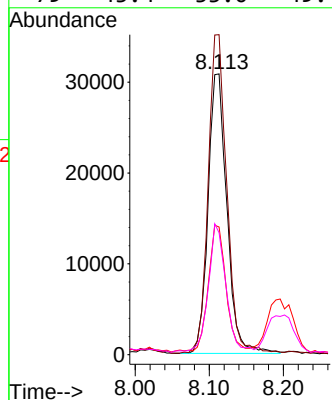
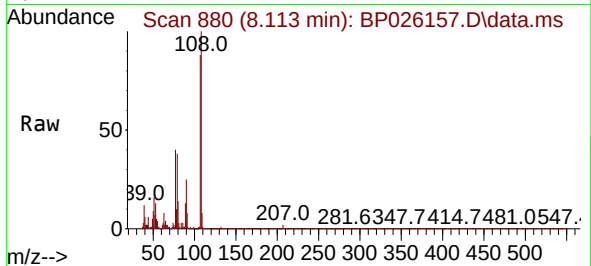




#17  
2-Methylphenol  
Concen: 3.805 ng  
RT: 8.113 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

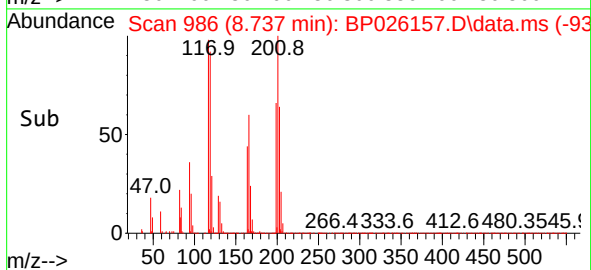
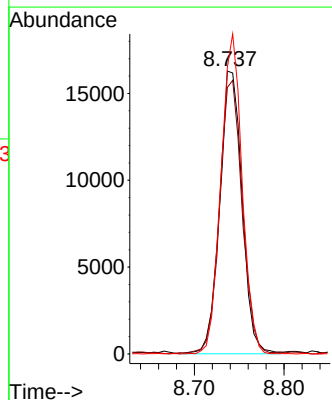
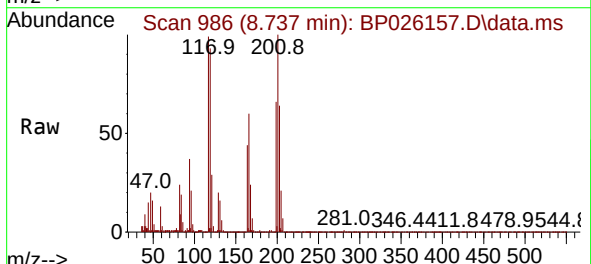
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

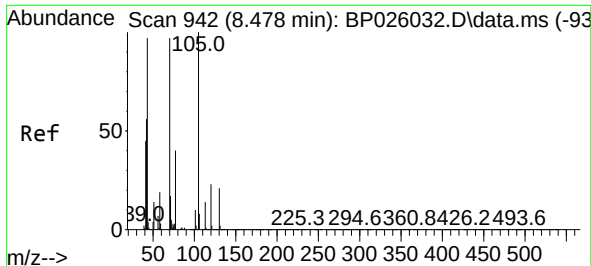
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 54341 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.9 | 89.7  | 134.5 |
| 77       | 45.5  | 33.9  | 50.9  |
| 79       | 43.4  | 33.0  | 49.4  |



#18  
Hexachloroethane  
Concen: 4.104 ng  
RT: 8.737 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28223 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.3  | 78.7  | 118.1 |
| 201      | 101.4 | 85.1  | 127.7 |

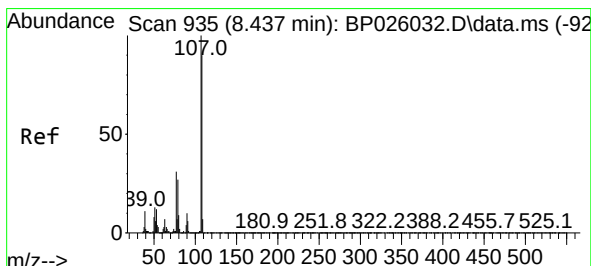
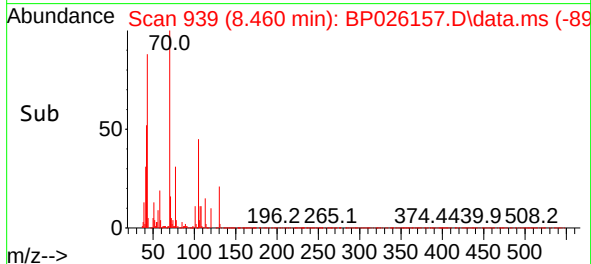
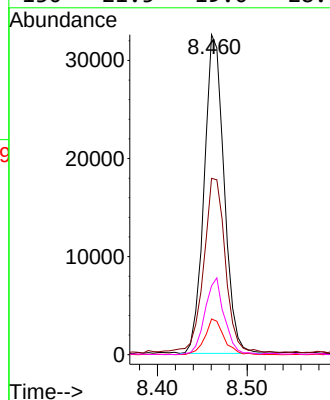
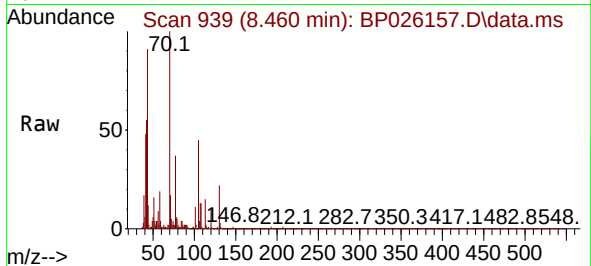




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.158 ng  
RT: 8.460 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

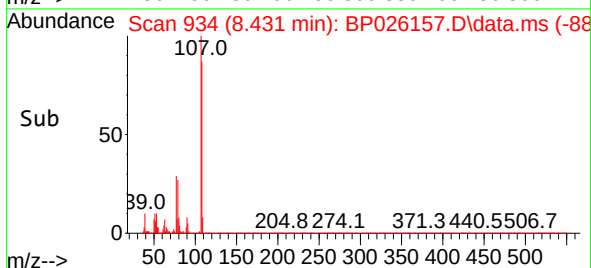
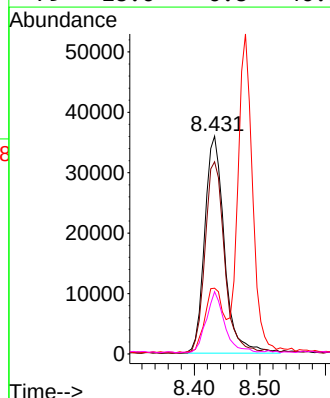
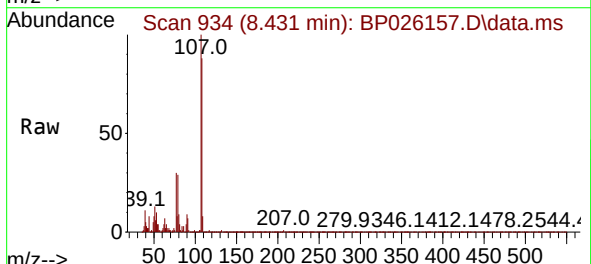
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

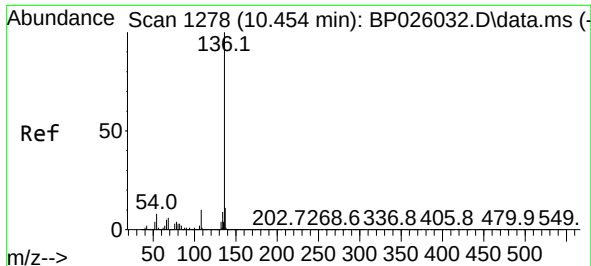
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 50305 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 55.1     | 44.1 66.1   |
| 101 11.2    | 8.2 12.4    |
| 130 21.5    | 19.0 28.4   |



#20  
3+4-Methylphenols  
Concen: 3.798 ng  
RT: 8.431 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|              |             |
|--------------|-------------|
| Tgt Ion: 107 | Resp: 75157 |
| Ion Ratio    | Lower Upper |
| 107 100      |             |
| 108 88.2     | 68.9 108.9  |
| 77 30.2      | 10.4 50.4   |
| 79 28.6      | 6.8 46.8    |



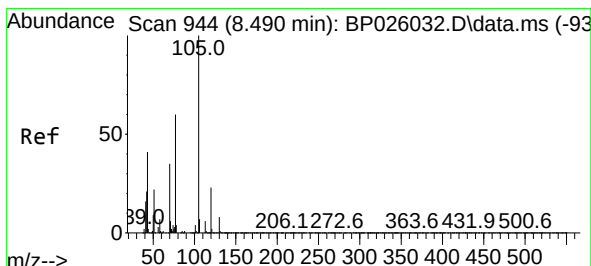
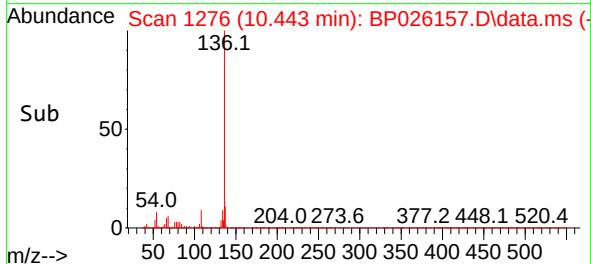
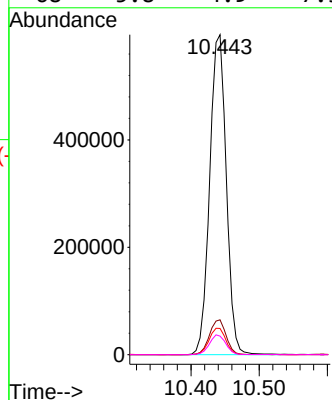
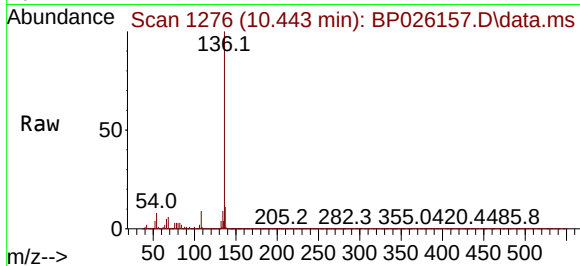


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.443 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

Tgt Ion:136 Resp: 1010254

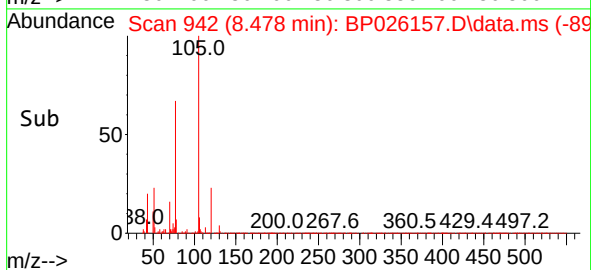
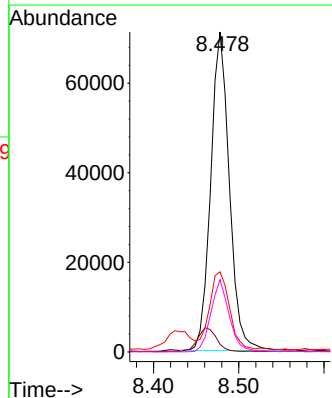
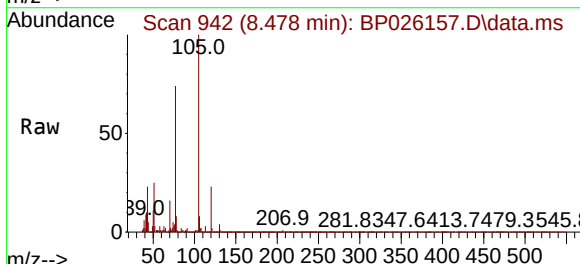
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 8.2   | 6.4   | 9.6   |
| 68  | 5.8   | 4.9   | 7.3   |

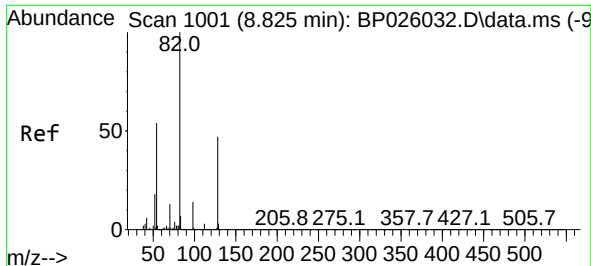


#22  
Acetophenone  
Concen: 4.201 ng  
RT: 8.478 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:105 Resp: 107884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 2.4   | 3.0   | 4.4#  |
| 51  | 25.1  | 20.5  | 30.7  |
| 120 | 22.6  | 18.2  | 27.2  |

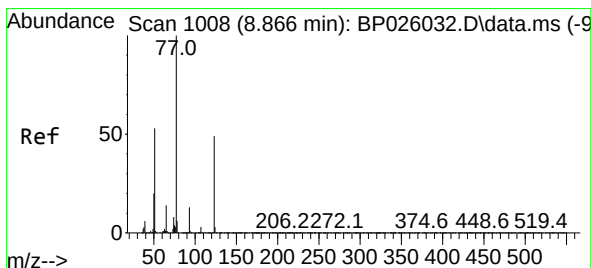
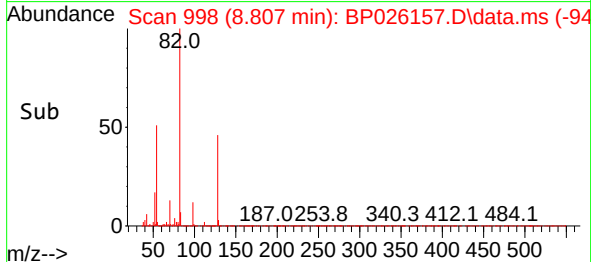
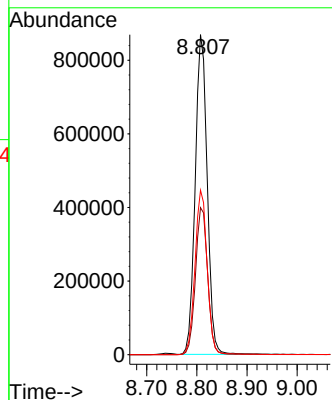
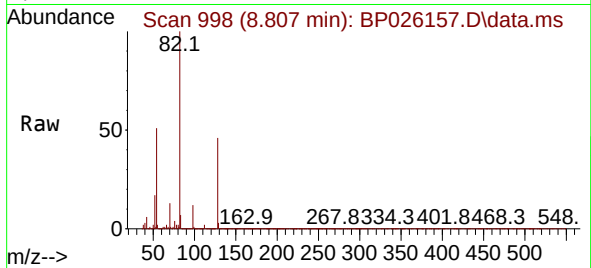




#23  
Nitrobenzene-d5  
Concen: 81.084 ng  
RT: 8.807 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

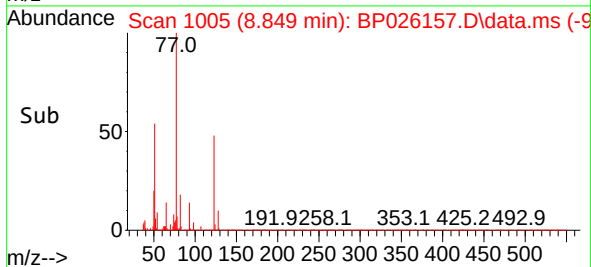
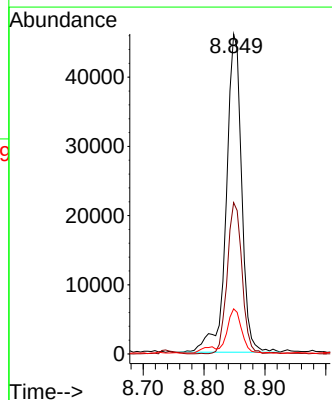
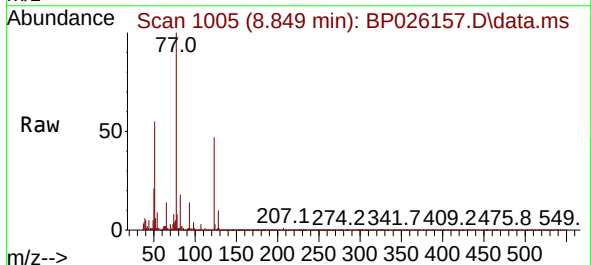
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

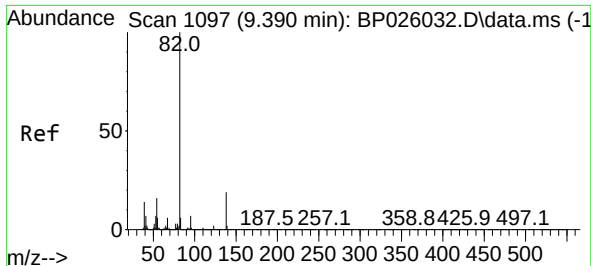
Tgt Ion: 82 Resp: 1442111  
Ion Ratio Lower Upper  
82 100  
128 45.9 37.4 56.0  
54 51.4 41.6 62.4



#24  
Nitrobenzene  
Concen: 4.478 ng  
RT: 8.849 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 77 Resp: 80565  
Ion Ratio Lower Upper  
77 100  
123 47.3 39.8 59.8  
65 14.1 11.2 16.8





#25

Isophorone

Concen: 4.097 ng

RT: 9.378 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

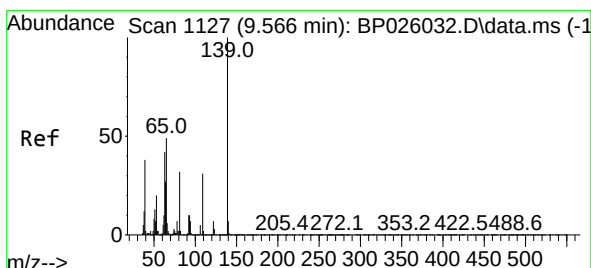
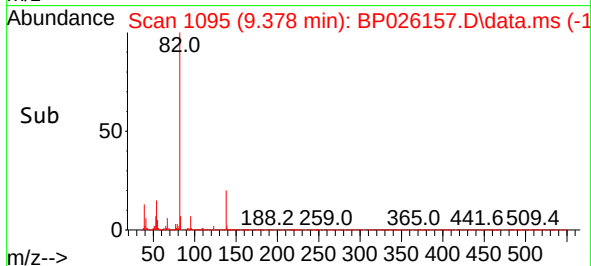
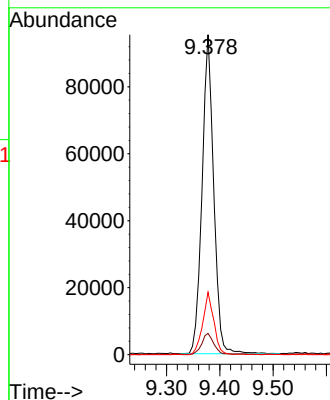
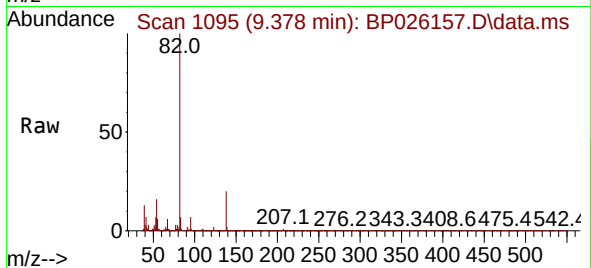
Tgt Ion: 82 Resp: 144472

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 19.5 15.4 23.0



#26

2-Nitrophenol

Concen: 3.272 ng

RT: 9.554 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

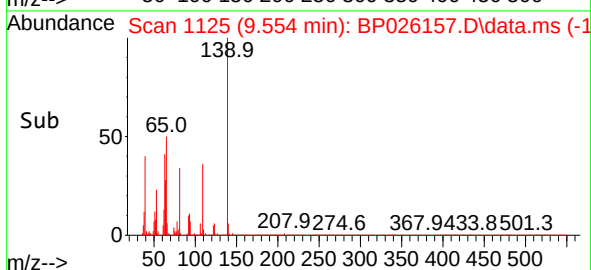
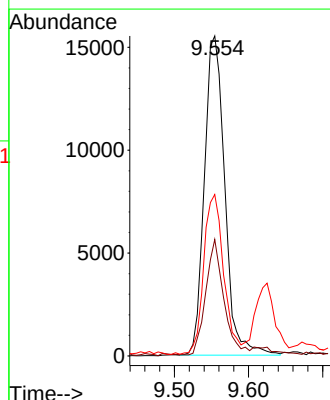
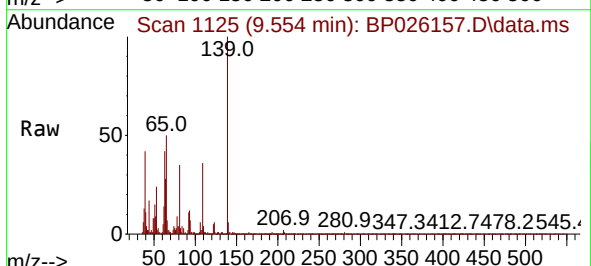
Tgt Ion: 139 Resp: 29789

Ion Ratio Lower Upper

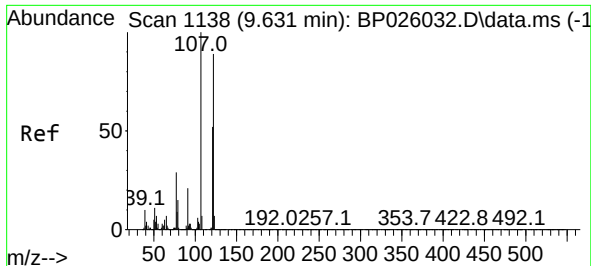
139 100

109 36.4 22.3 33.5

65 50.4 37.2 55.8







#27

2,4-Dimethylphenol

Concen: 3.769 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

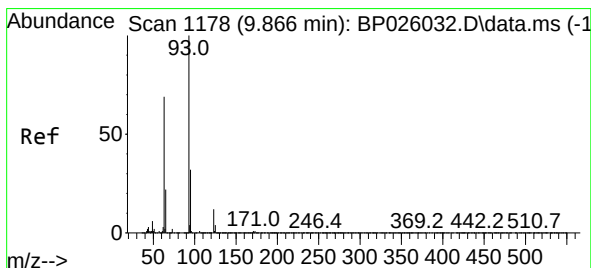
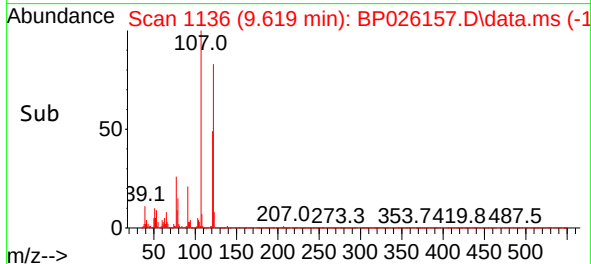
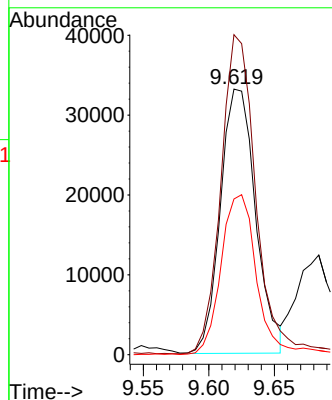
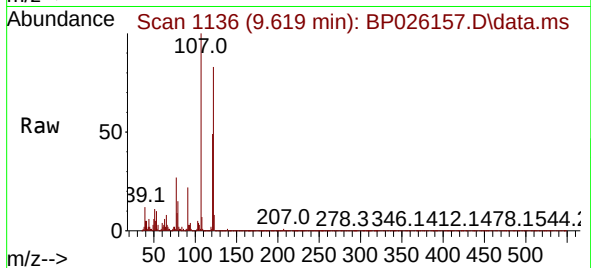
Tgt Ion:122 Resp: 61872

Ion Ratio Lower Upper

122 100

107 120.5 91.0 136.6

121 58.6 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.125 ng

RT: 9.854 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

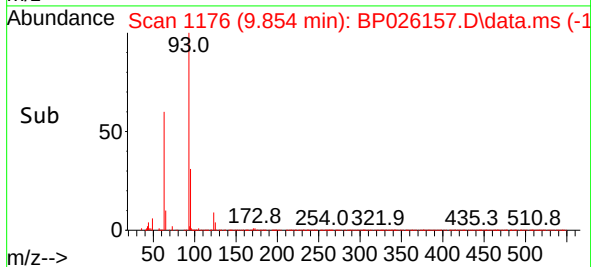
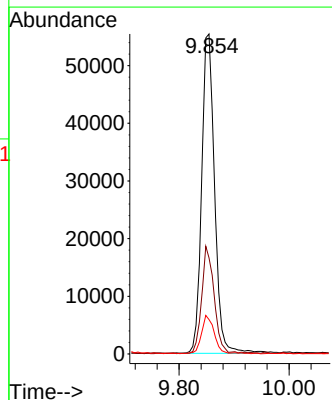
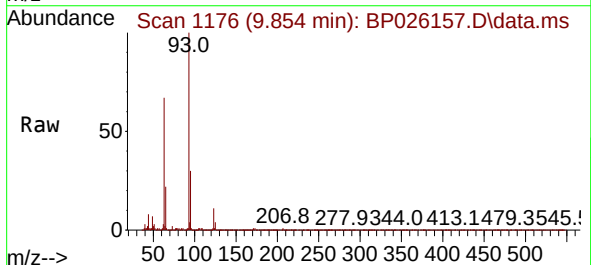
Tgt Ion: 93 Resp: 91087

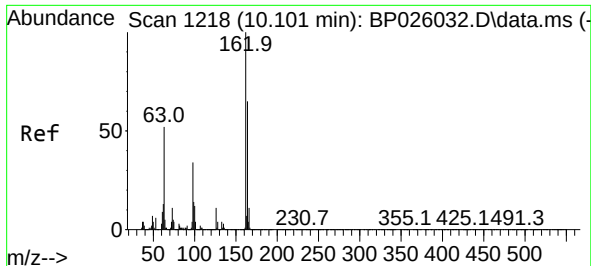
Ion Ratio Lower Upper

93 100

95 30.1 26.4 39.6

123 10.7 9.4 14.0

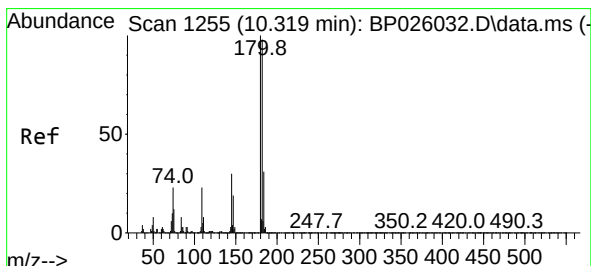
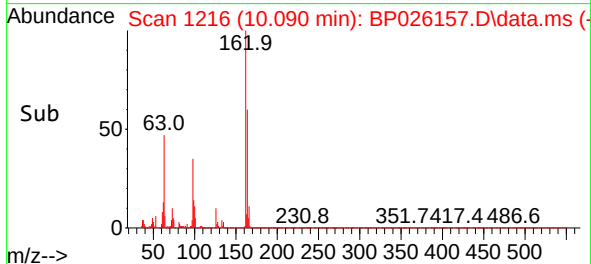
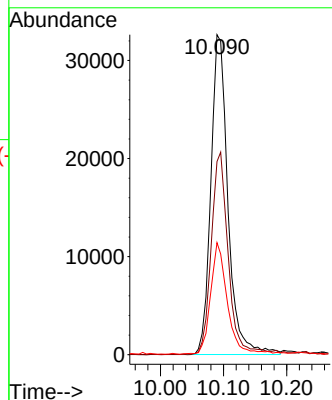
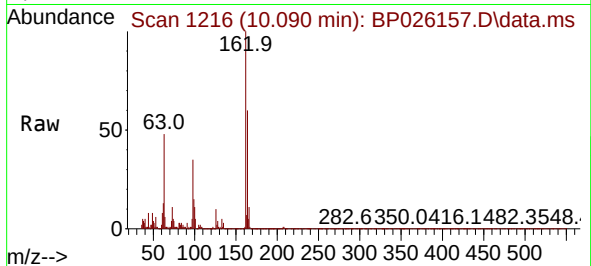




#29  
2,4-Dichlorophenol  
Concen: 3.742 ng  
RT: 10.090 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

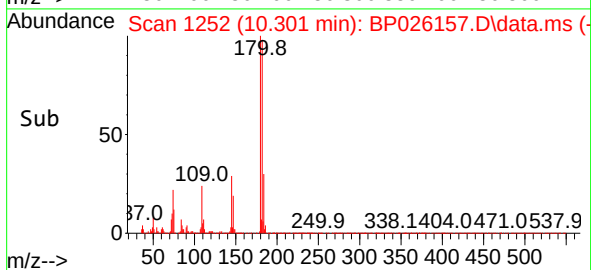
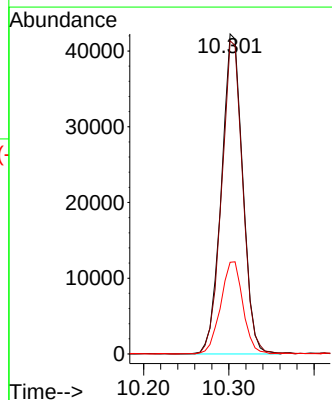
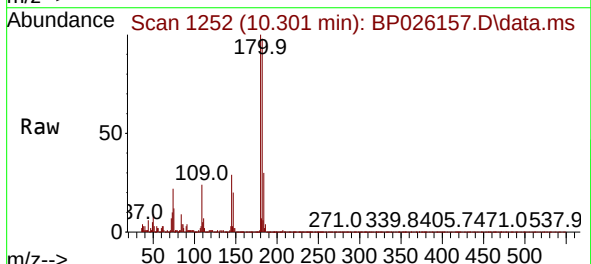
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

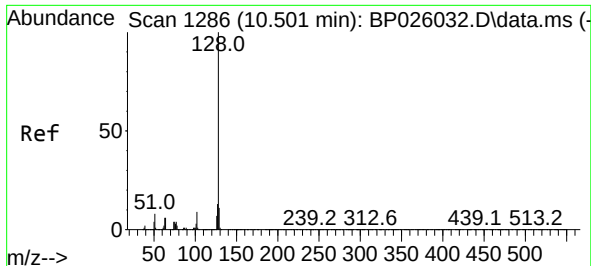
Tgt Ion:162 Resp: 61394  
Ion Ratio Lower Upper  
162 100  
164 60.4 43.8 83.8  
98 35.0 14.1 54.1



#30  
1,2,4-Trichlorobenzene  
Concen: 4.382 ng  
RT: 10.301 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:180 Resp: 73209  
Ion Ratio Lower Upper  
180 100  
182 97.9 78.1 117.1  
145 28.7 24.2 36.4

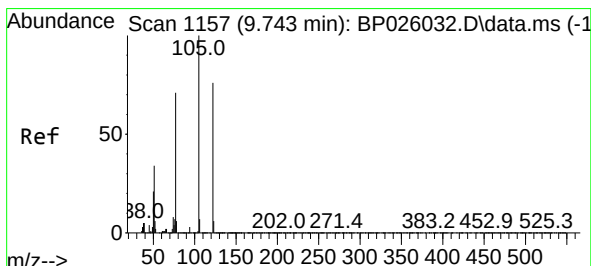
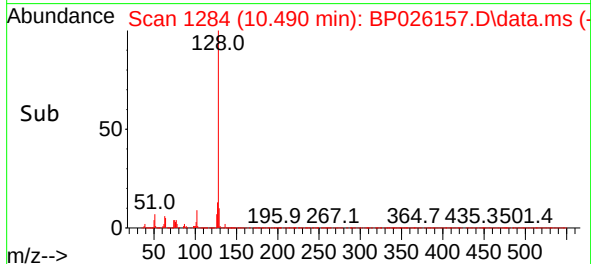
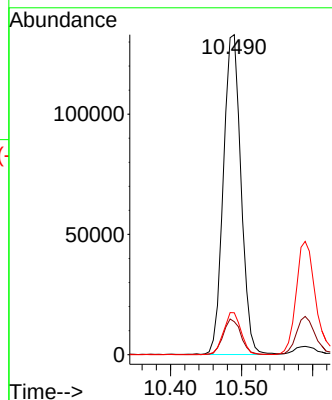
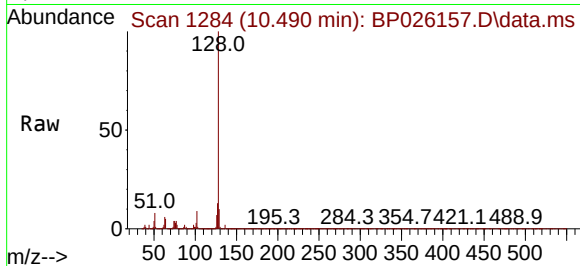




#31  
Naphthalene  
Concen: 4.190 ng  
RT: 10.490 min Scan# 1128  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

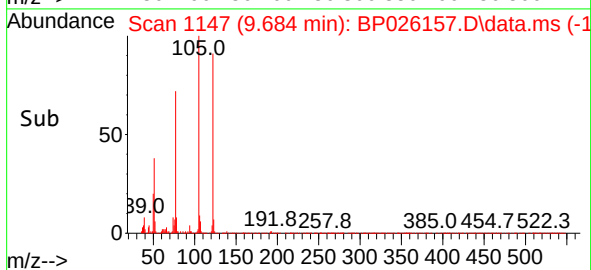
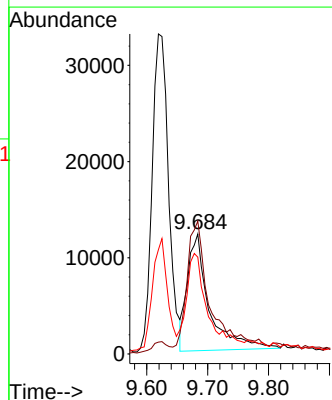
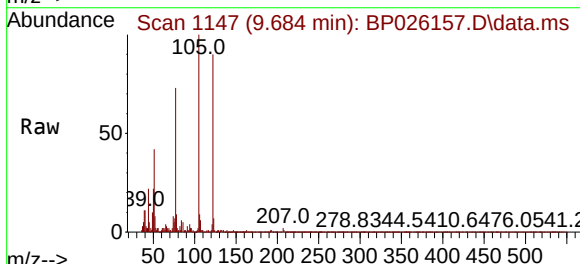
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

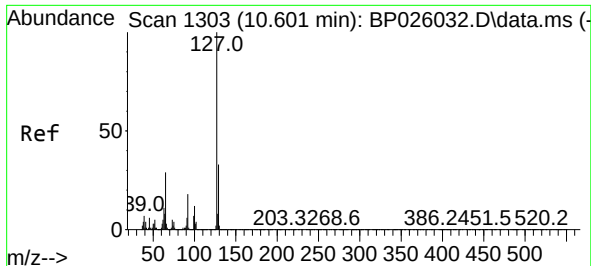
Tgt Ion:128 Resp: 228784  
Ion Ratio Lower Upper  
128 100  
129 10.3 9.0 13.6  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 2.201 ng  
RT: 9.684 min Scan# 1147  
Delta R.T. -0.082 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:122 Resp: 30432  
Ion Ratio Lower Upper  
122 100  
105 110.7 100.1 140.1  
77 80.7 66.7 106.7

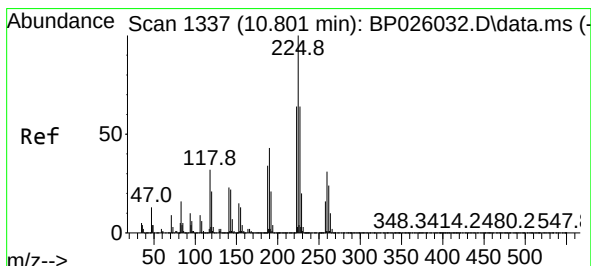
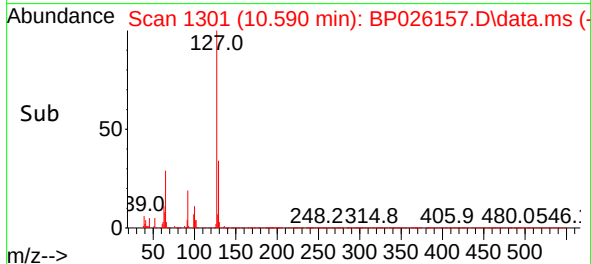
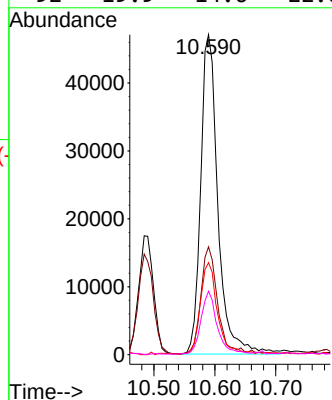
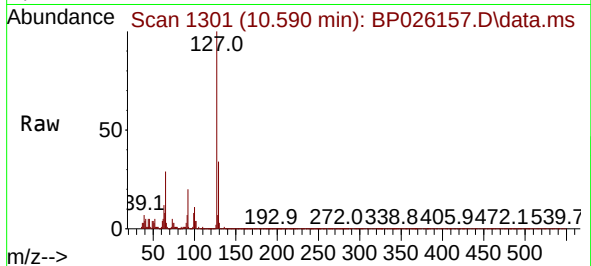




#33  
4-Chloroaniline  
Concen: 3.986 ng  
RT: 10.590 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

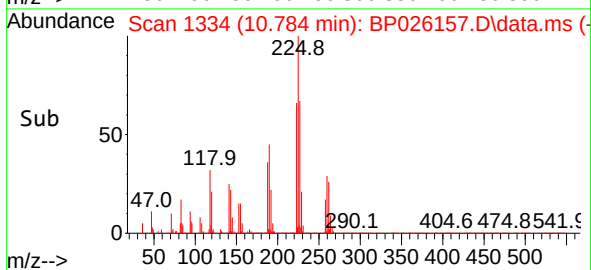
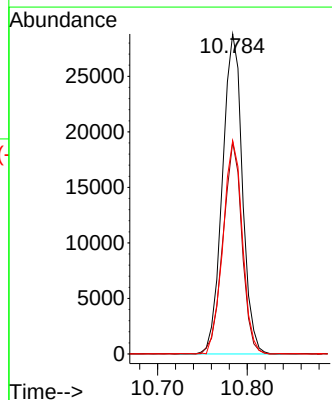
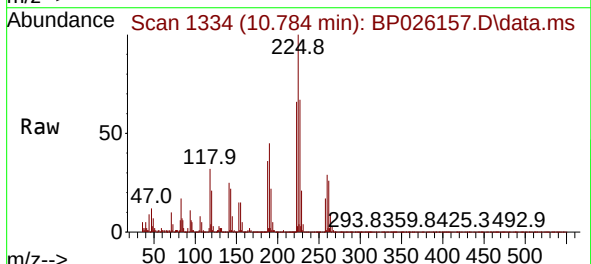
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

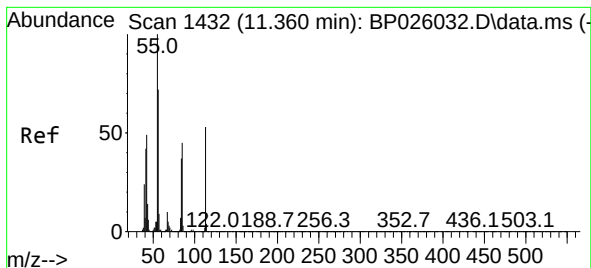
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 92553 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.7  | 25.8  | 38.8  |
| 65       | 28.7  | 22.7  | 34.1  |
| 92       | 19.9  | 14.6  | 22.0  |



#34  
Hexachlorobutadiene  
Concen: 4.086 ng  
RT: 10.784 min Scan# 1334  
Delta R.T. -0.012 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 44393 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.6  | 49.6  | 74.4  |
| 227      | 64.0  | 51.2  | 76.8  |

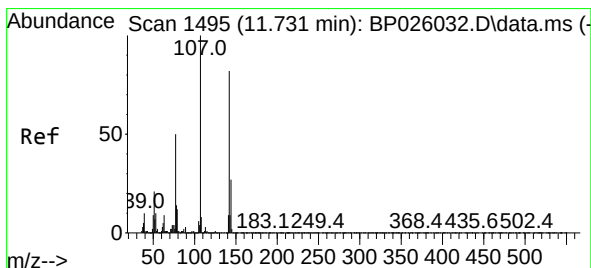
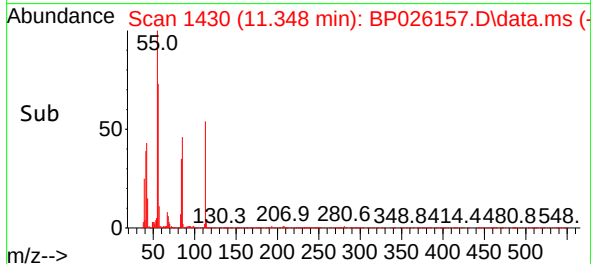
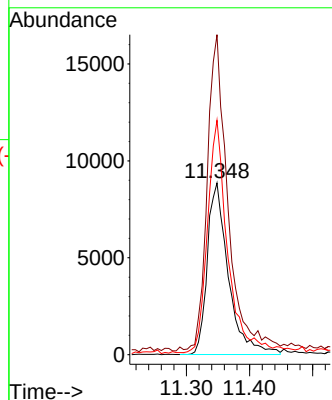
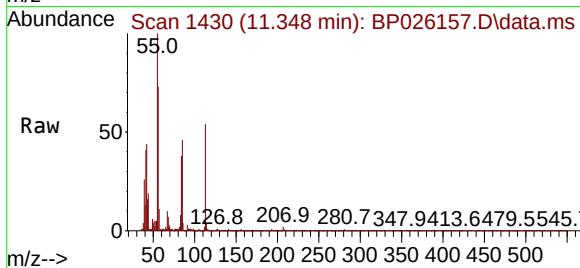




#35  
Caprolactam  
Concen: 3.499 ng  
RT: 11.348 min Scan# 1432  
Delta R.T. -0.029 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

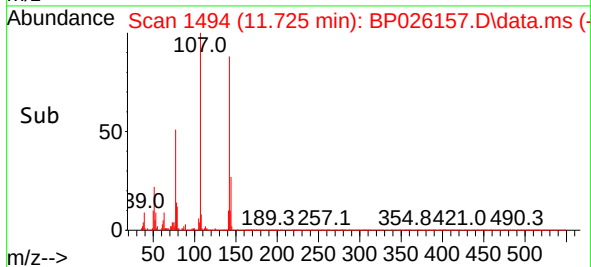
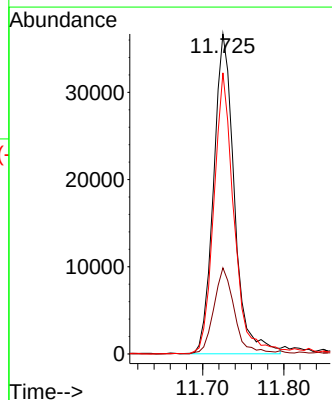
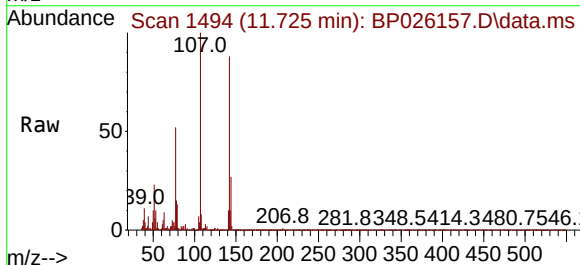
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

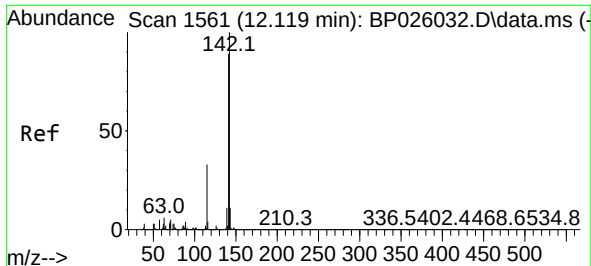
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 20557 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 186.4 | 153.0 | 193.0 |
| 56       | 136.6 | 106.4 | 146.4 |



#36  
4-Chloro-3-methylphenol  
Concen: 3.740 ng  
RT: 11.725 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 65217 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 26.9  | 21.6  | 32.4  |
| 142      | 87.9  | 65.6  | 98.4  |

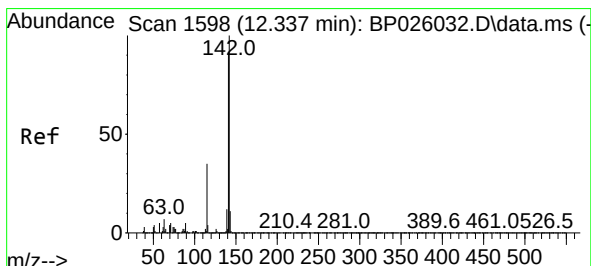
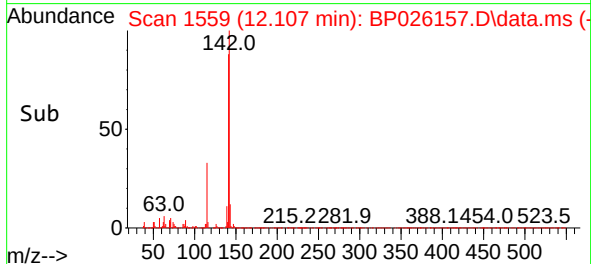
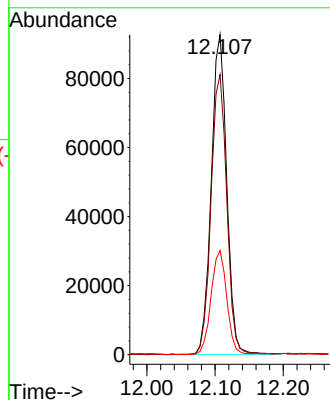
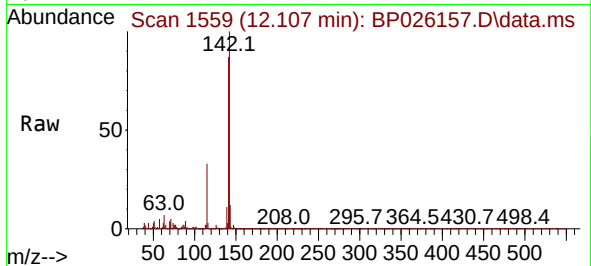




#37  
2-Methylnaphthalene  
Concen: 3.776 ng  
RT: 12.107 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

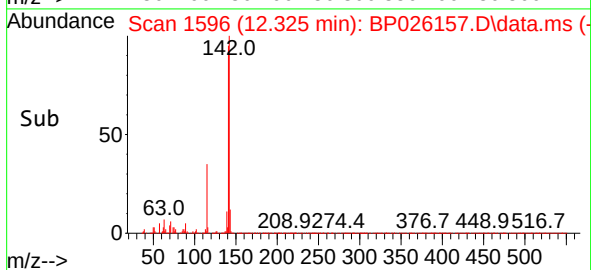
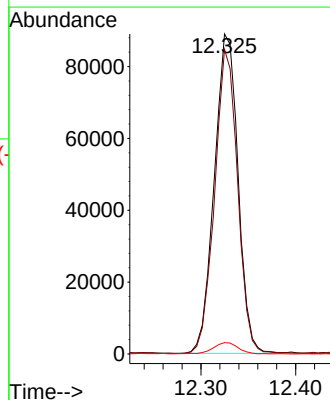
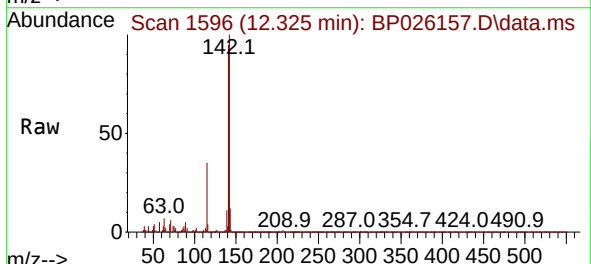
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

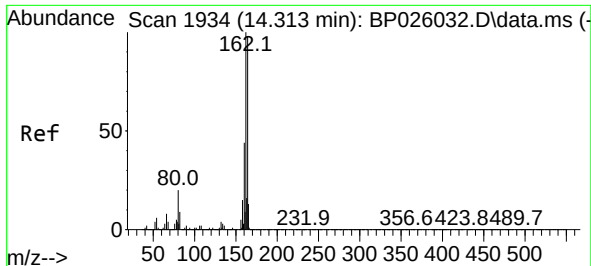
Tgt Ion:142 Resp: 146141  
Ion Ratio Lower Upper  
142 100  
141 87.5 71.0 106.6  
115 32.6 26.6 39.8



#38  
1-Methylnaphthalene  
Concen: 4.092 ng  
RT: 12.325 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:142 Resp: 154822  
Ion Ratio Lower Upper  
142 100  
141 95.2 73.5 110.3  
116 3.6 3.0 4.4

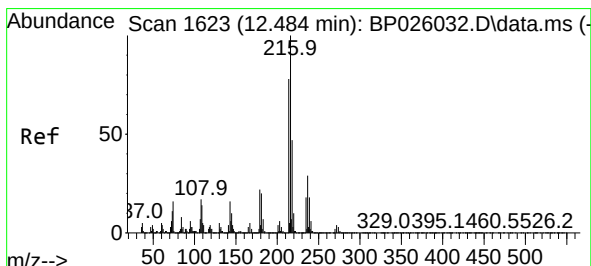
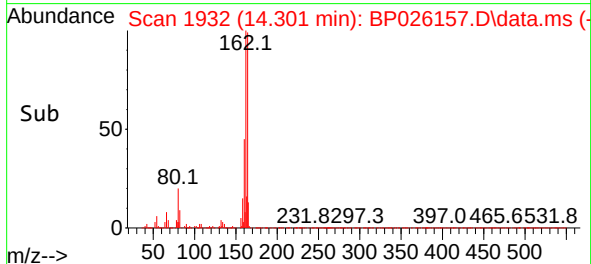
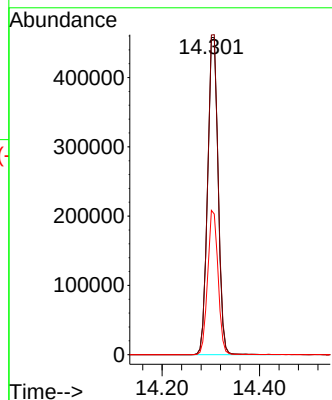
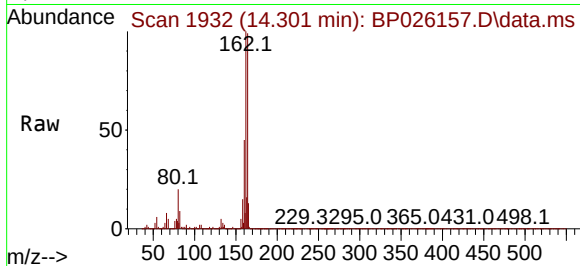




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.301 min Scan# 1934  
Delta R.T. -0.023 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

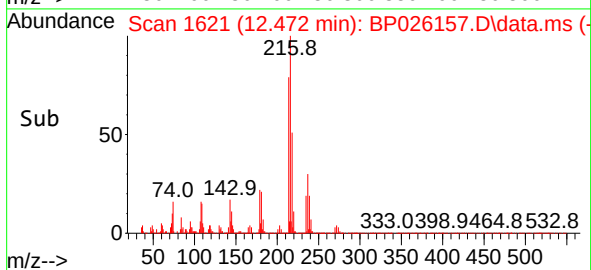
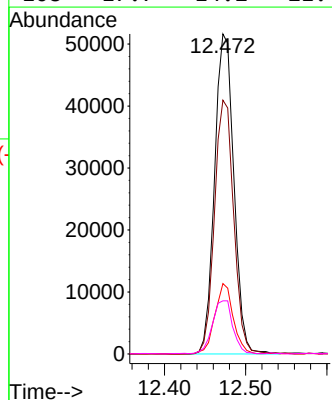
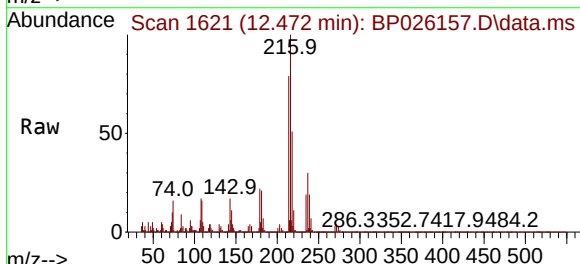
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

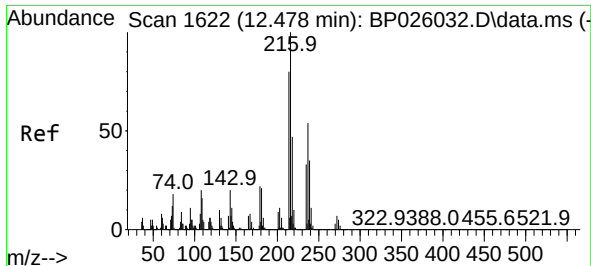
Tgt Ion:164 Resp: 680254  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.3 120.5  
160 45.5 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.147 ng  
RT: 12.472 min Scan# 1621  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:216 Resp: 85300  
Ion Ratio Lower Upper  
216 100  
214 79.0 62.6 94.0  
179 21.1 16.6 25.0  
108 17.7 14.2 21.4

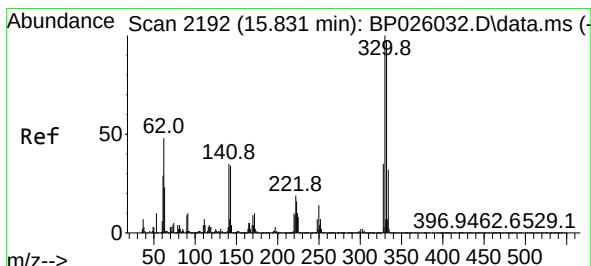
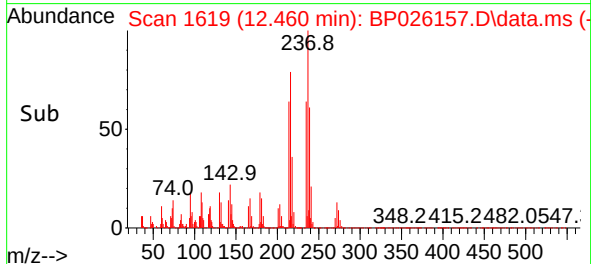
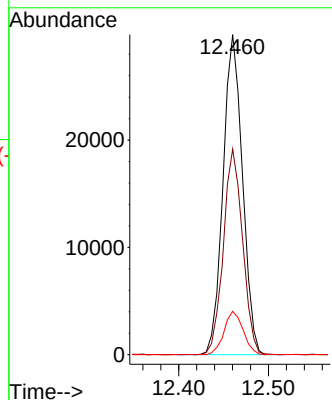
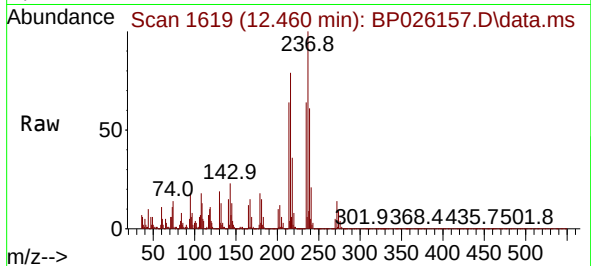




#41  
Hexachlorocyclopentadiene  
Concen: 3.325 ng  
RT: 12.460 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

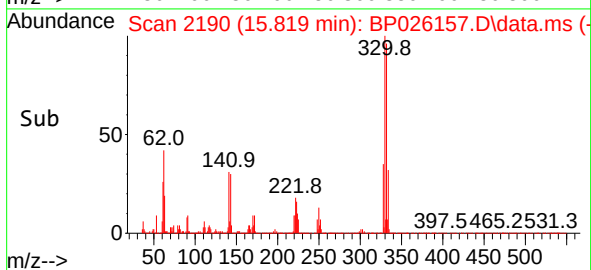
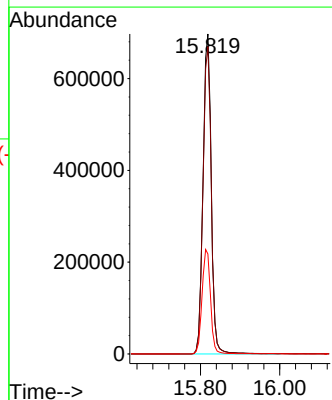
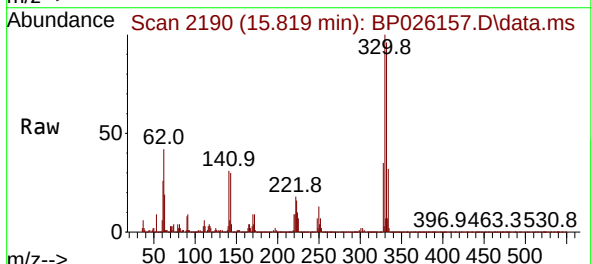
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 44766     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.3  | 43.3 83.3 |
| 272         | 13.5  | 0.0 32.9  |

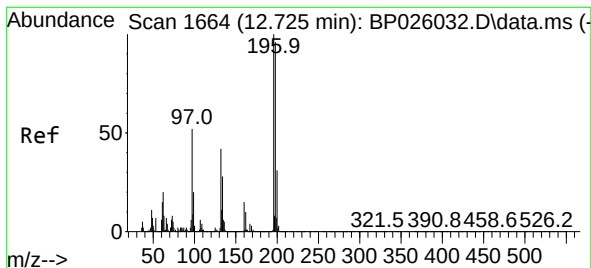


#42  
2,4,6-Tribromophenol  
Concen: 113.978 ng  
RT: 15.819 min Scan# 2190  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 1005804    |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 96.5  | 78.0 117.0 |
| 141         | 33.6  | 26.8 40.2  |







#43

2,4,6-Trichlorophenol

Concen: 3.636 ng

RT: 12.719 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

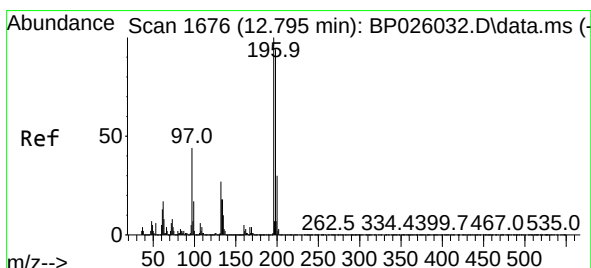
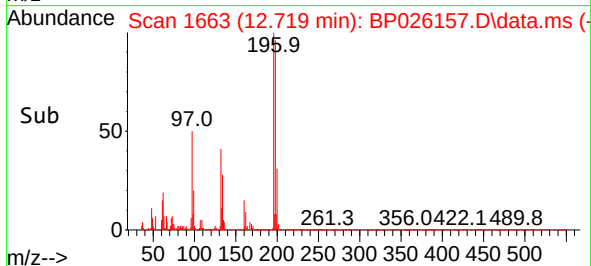
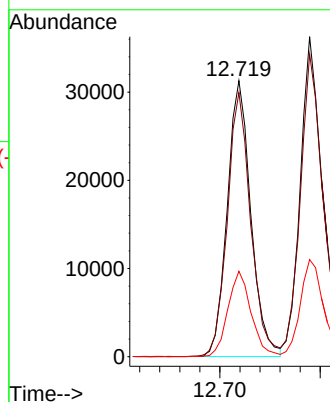
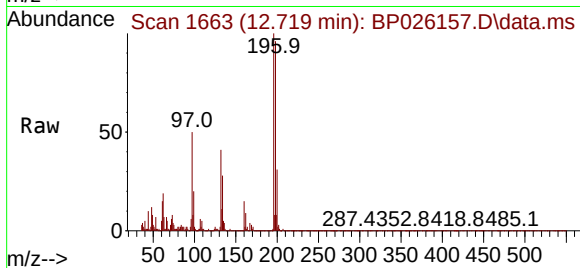
Tgt Ion:196 Resp: 51280

Ion Ratio Lower Upper

196 100

198 95.7 76.9 115.3

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 3.722 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:196 Resp: 58587

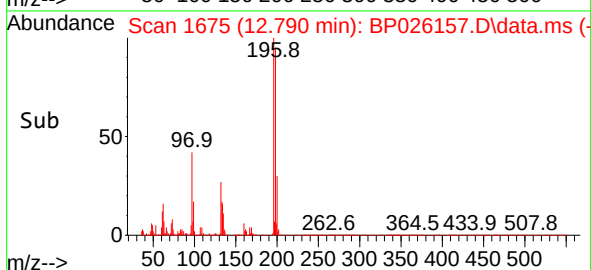
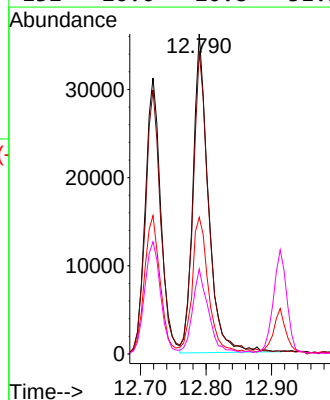
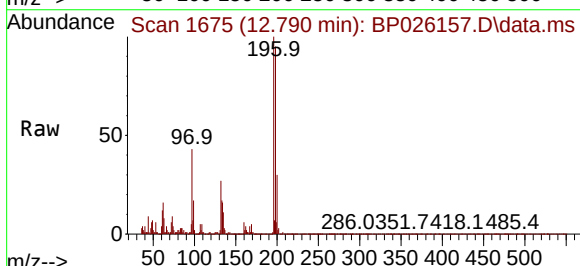
Ion Ratio Lower Upper

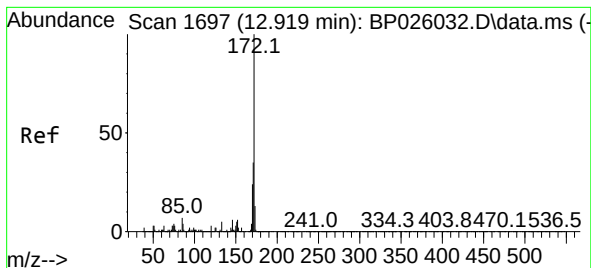
196 100

198 94.5 76.4 114.6

97 42.7 35.7 53.5

132 26.6 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 78.827 ng

RT: 12.913 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

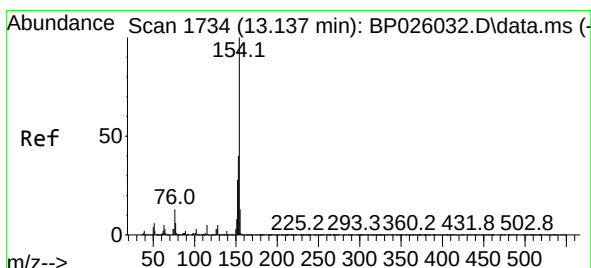
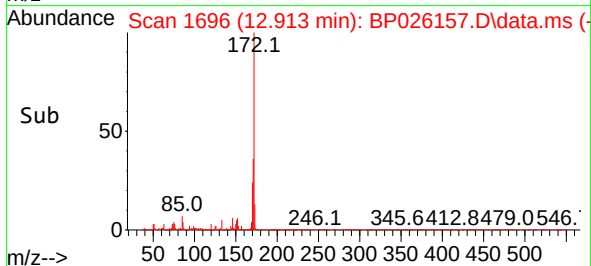
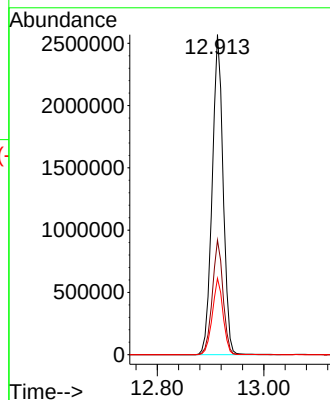
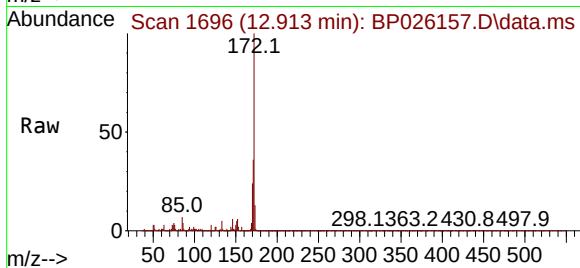
Tgt Ion:172 Resp: 3658758

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.297 ng

RT: 13.125 min Scan# 1732

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

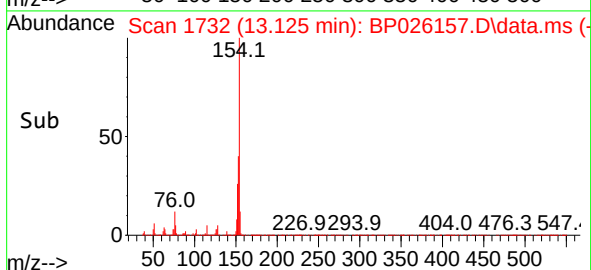
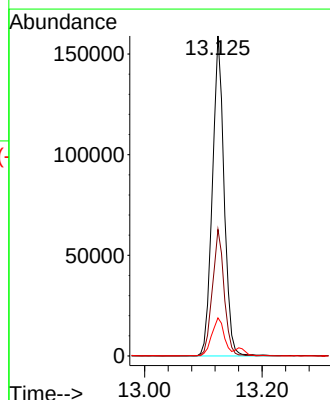
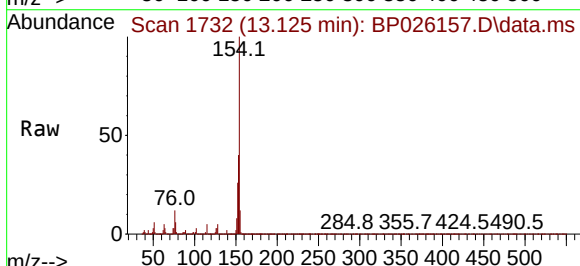
Tgt Ion:154 Resp: 220083

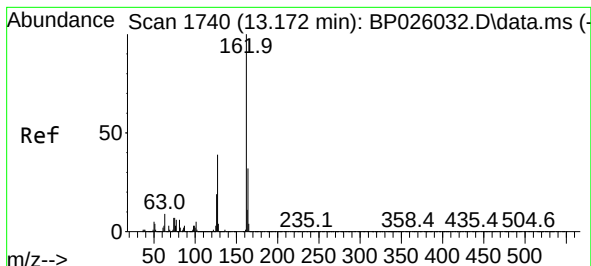
Ion Ratio Lower Upper

154 100

153 39.6 20.3 60.3

76 11.9 0.0 32.3





#47

2-Chloronaphthalene

Concen: 4.099 ng

RT: 13.160 min Scan# 11

Delta R.T. -0.023 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

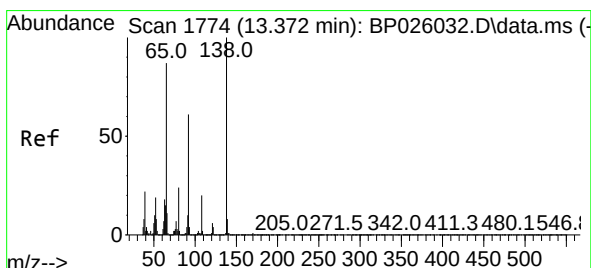
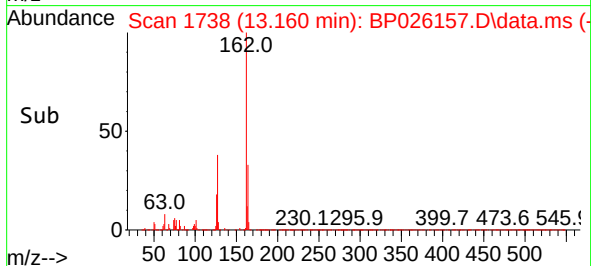
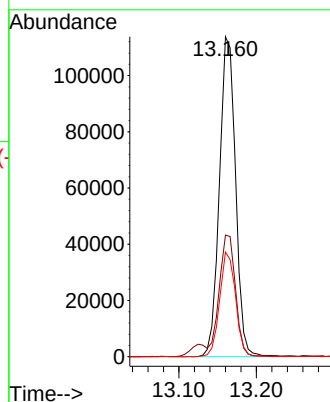
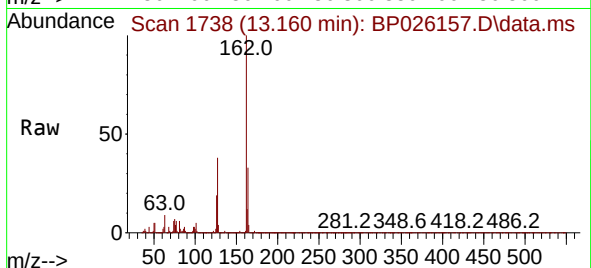
Tgt Ion:162 Resp: 165114

Ion Ratio Lower Upper

162 100

127 38.0 30.9 46.3

164 32.7 26.4 39.6



#48

2-Nitroaniline

Concen: 3.384 ng

RT: 13.360 min Scan# 1772

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

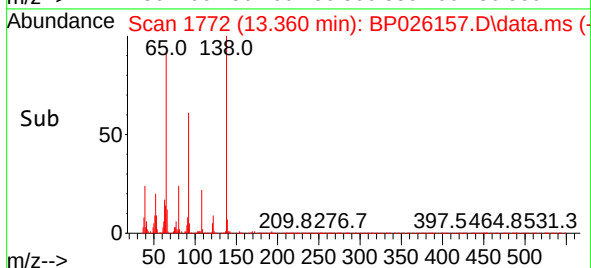
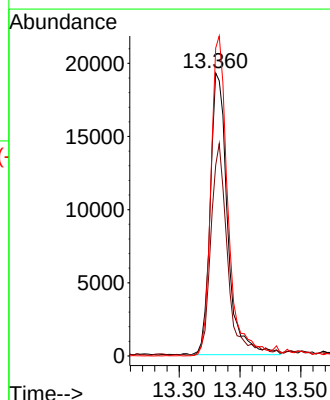
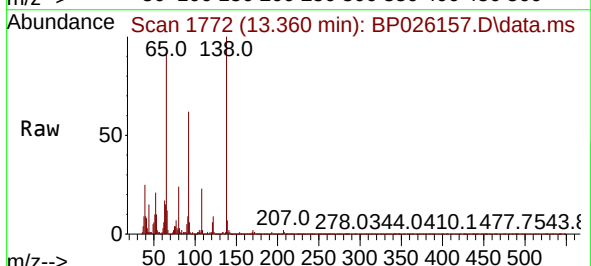
Tgt Ion: 65 Resp: 37906

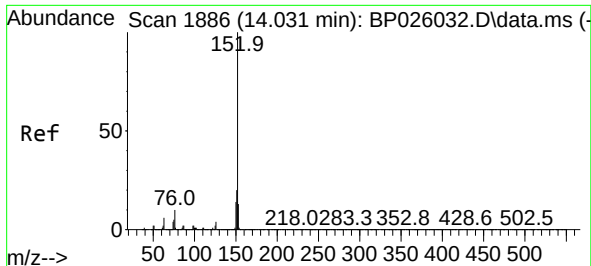
Ion Ratio Lower Upper

65 100

92 67.5 59.1 88.7

138 108.9 96.6 145.0

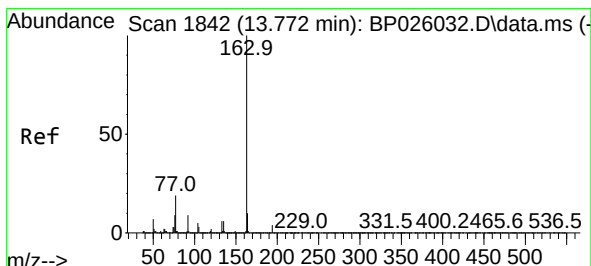
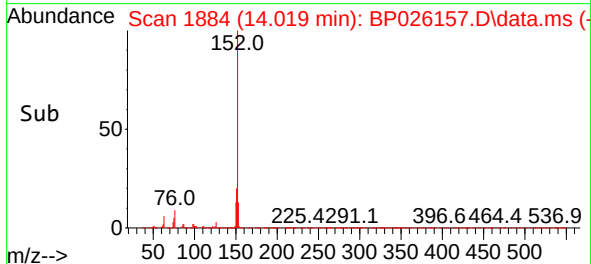
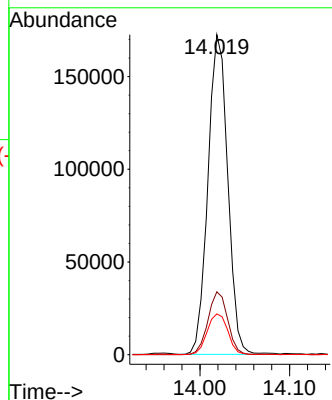
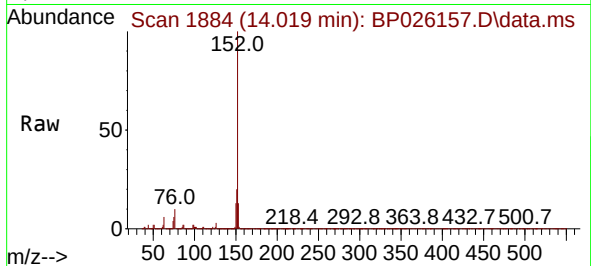




#49  
Acenaphthylene  
Concen: 3.973 ng  
RT: 14.019 min Scan# 1884  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

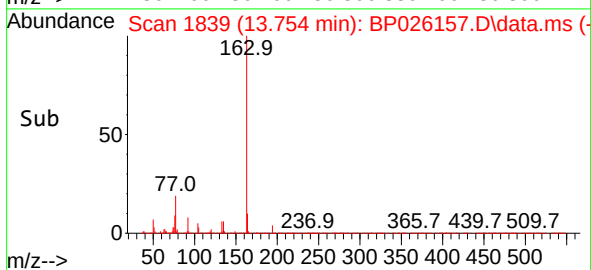
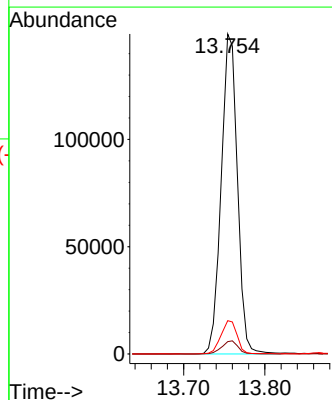
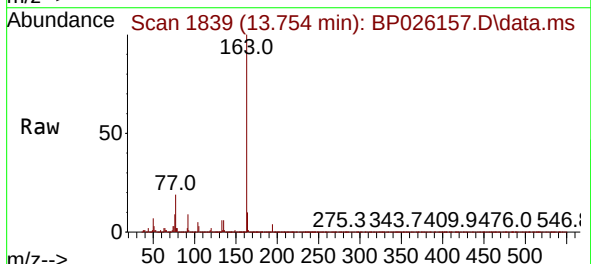
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

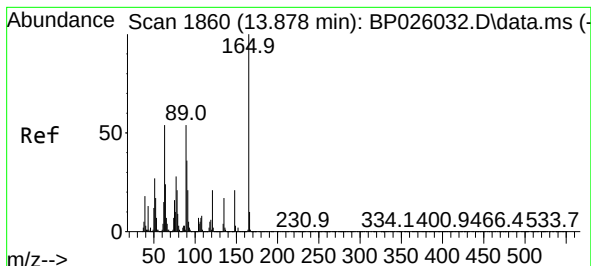
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 263981 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.7  | 15.8  | 23.8   |
| 153       | 12.7  | 10.6  | 16.0   |



#50  
Dimethylphthalate  
Concen: 4.082 ng  
RT: 13.754 min Scan# 1839  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 207373 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.3   | 4.9    |
| 164       | 10.4  | 8.2   | 12.2   |





#51

2,6-Dinitrotoluene

Concen: 3.769 ng

RT: 13.866 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

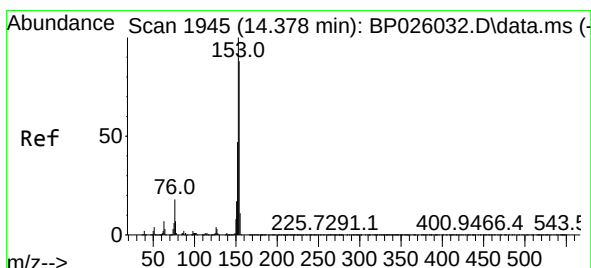
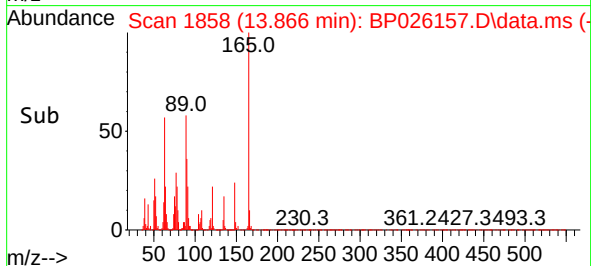
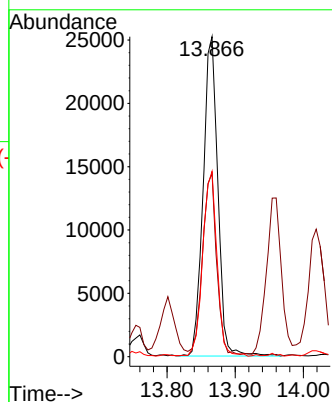
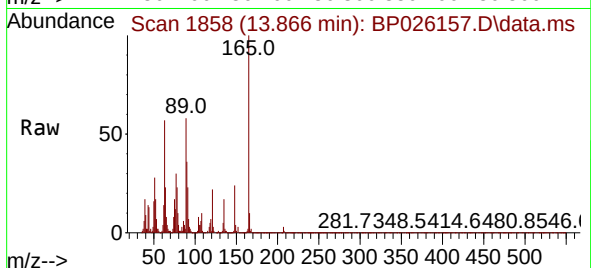
Tgt Ion:165 Resp: 37948

Ion Ratio Lower Upper

165 100

63 57.3 40.5 60.7

89 57.9 41.3 61.9



#52

Acenaphthene

Concen: 4.143 ng

RT: 14.372 min Scan# 1944

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

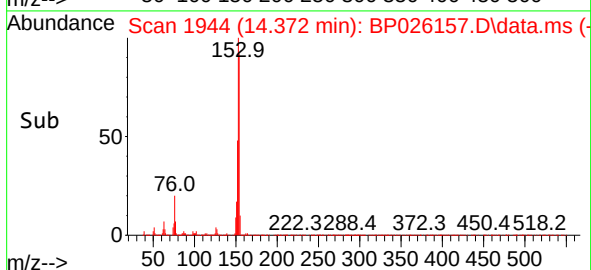
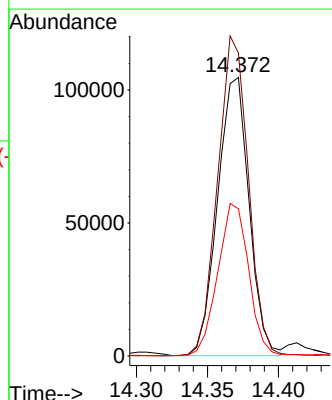
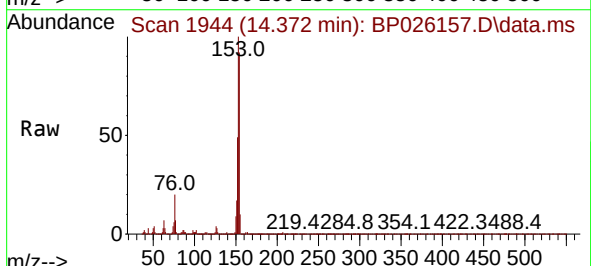
Tgt Ion:154 Resp: 161328

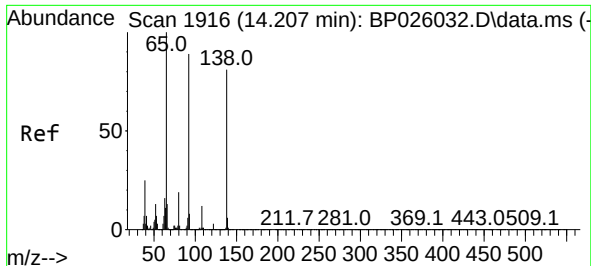
Ion Ratio Lower Upper

154 100

153 108.7 90.7 136.1

152 52.8 42.8 64.2

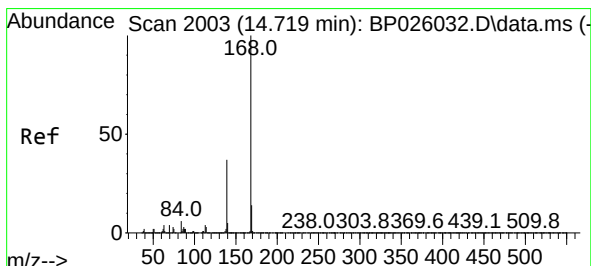
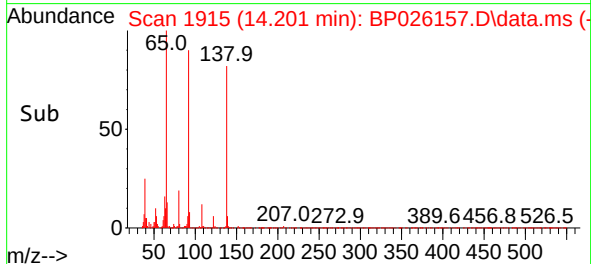
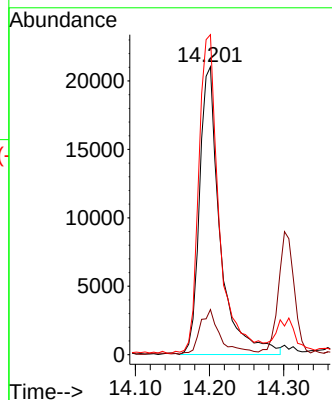
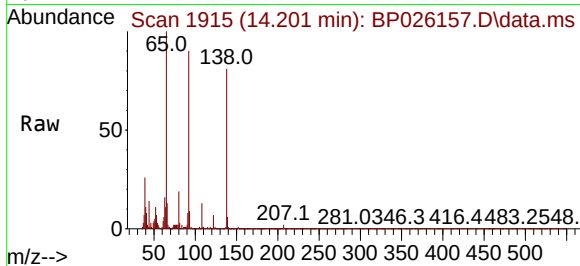




#53  
3-Nitroaniline  
Concen: 3.417 ng  
RT: 14.201 min Scan# 1916  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

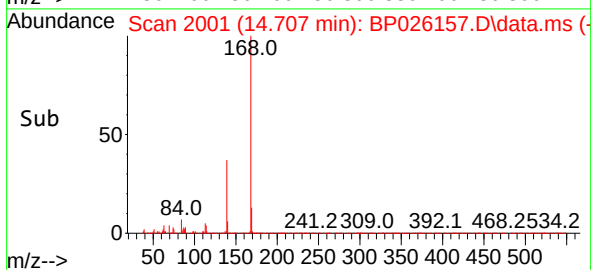
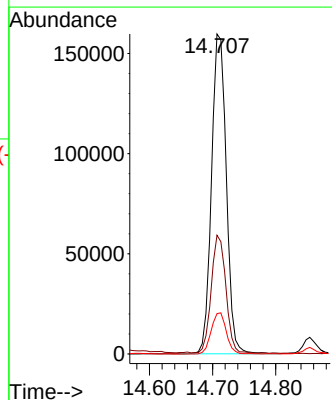
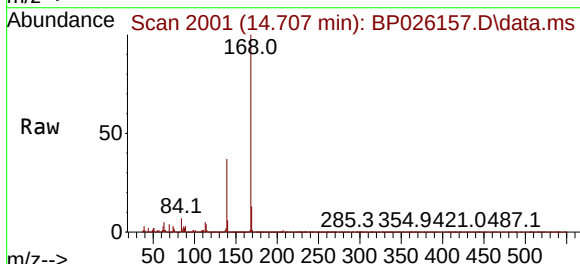
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

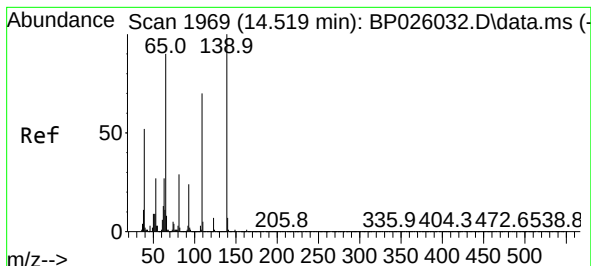
Tgt Ion:138 Resp: 40504  
Ion Ratio Lower Upper  
138 100  
108 15.7 8.9 13.3#  
92 111.1 86.3 129.5



#55  
Dibenzofuran  
Concen: 4.313 ng  
RT: 14.707 min Scan# 2001  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:168 Resp: 260083  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.8 44.6  
169 12.6 10.9 16.3

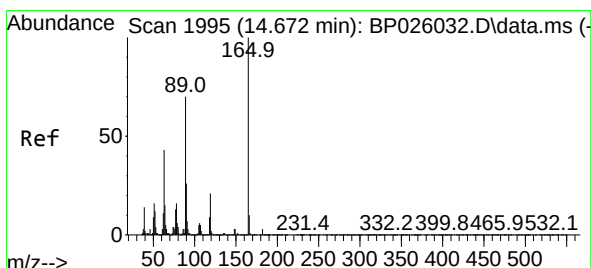
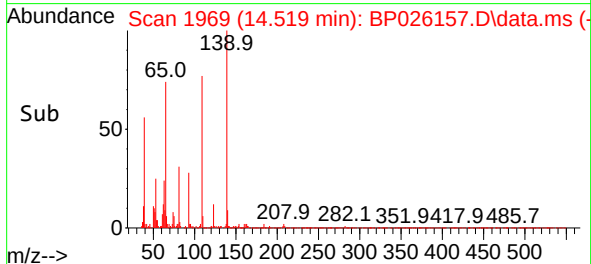
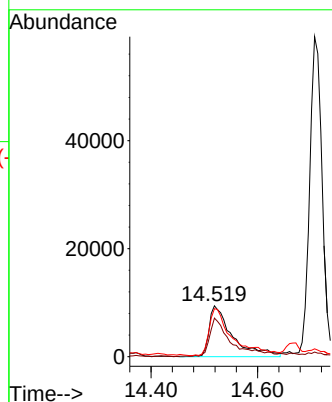
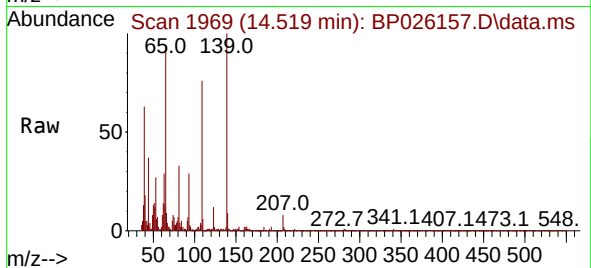




#56  
4-Nitrophenol  
Concen: 2.656 ng  
RT: 14.519 min Scan# 1969  
Delta R.T. -0.024 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

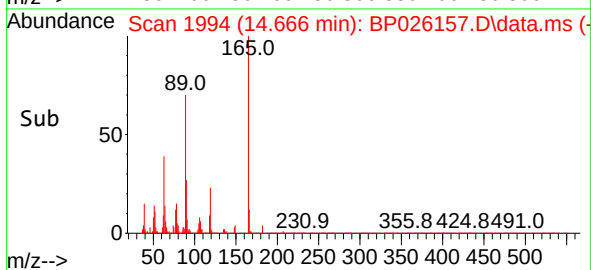
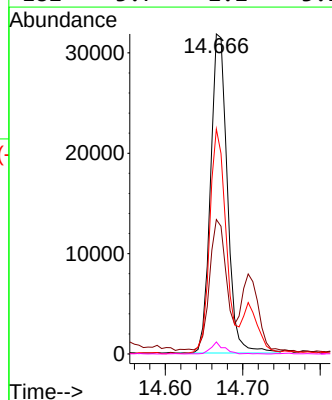
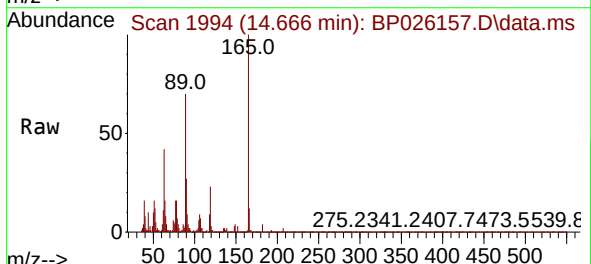
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

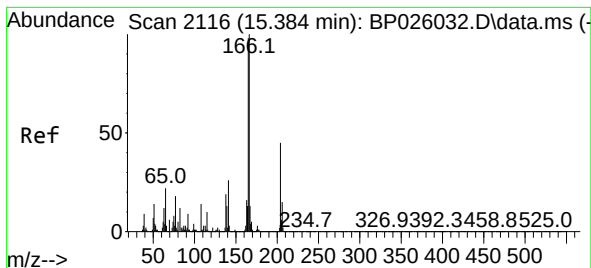
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 28485 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 75.9  | 46.8  | 86.8  |
| 65       | 94.3  | 69.3  | 109.3 |



#57  
2,4-Dinitrotoluene  
Concen: 3.182 ng  
RT: 14.666 min Scan# 1994  
Delta R.T. -0.024 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 47835 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 42.0  | 31.0  | 46.6  |
| 89       | 70.3  | 51.7  | 77.5  |
| 182      | 3.7   | 2.2   | 3.2   |





#58

Fluorene

Concen: 4.450 ng

RT: 15.372 min Scan# 2116

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

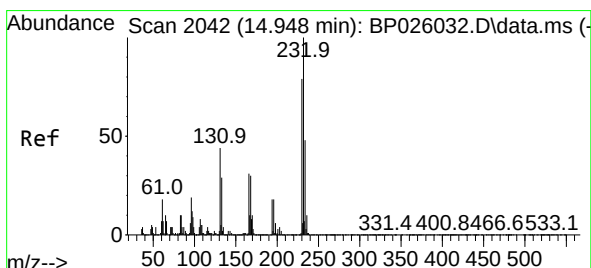
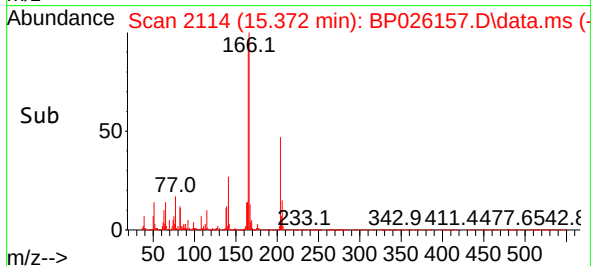
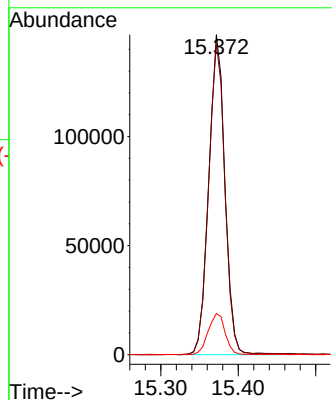
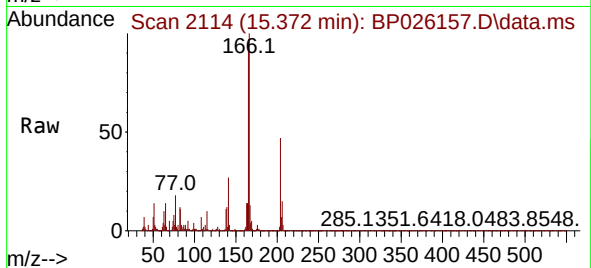
Tgt Ion:166 Resp: 212122

Ion Ratio Lower Upper

166 100

165 97.3 77.9 116.9

167 12.8 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.902 ng

RT: 14.942 min Scan# 2041

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:232 Resp: 52103

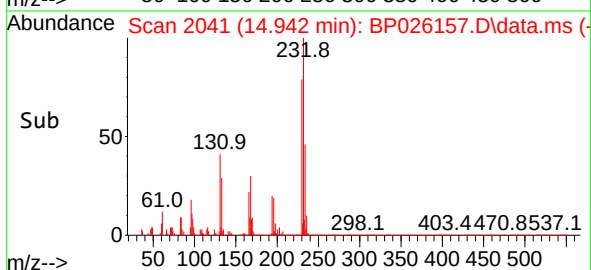
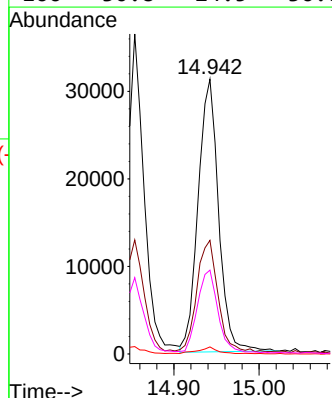
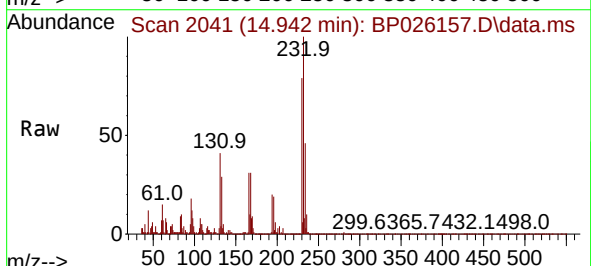
Ion Ratio Lower Upper

232 100

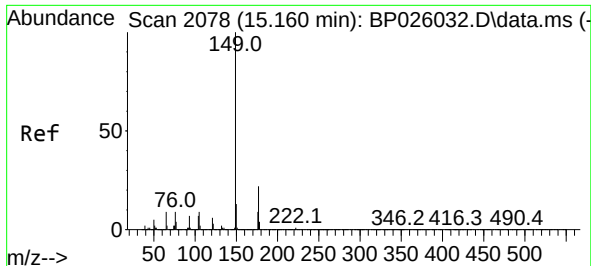
131 42.4 34.8 52.2

130 2.1 1.8 2.8

166 30.8 24.5 36.7



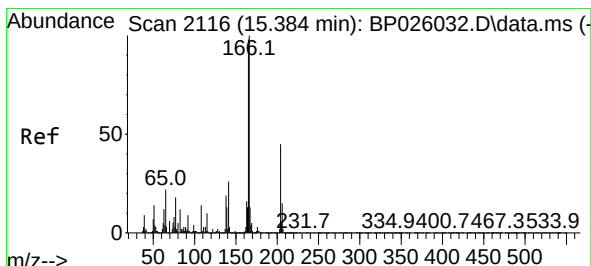
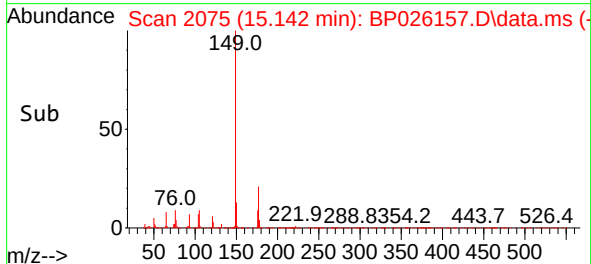
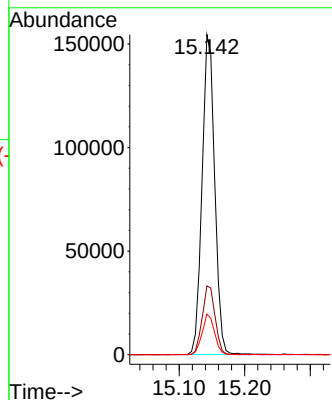
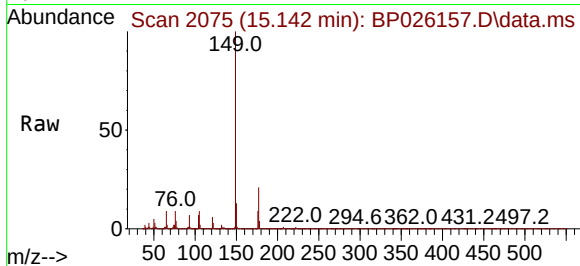




#60  
Diethylphthalate  
Concen: 4.052 ng  
RT: 15.142 min Scan# 2075  
Delta R.T. -0.029 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

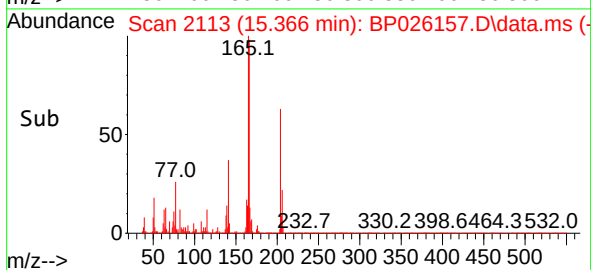
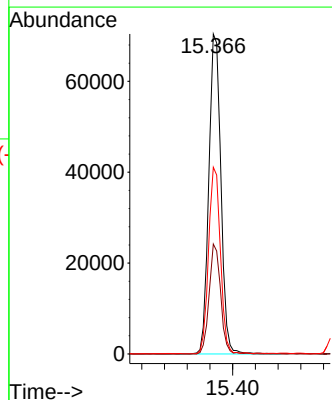
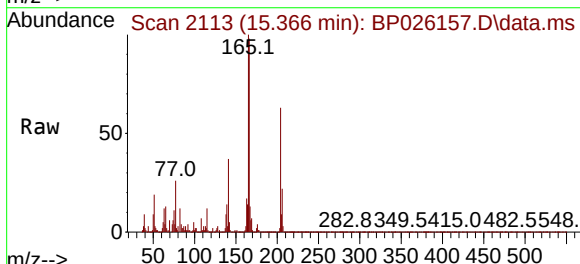
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

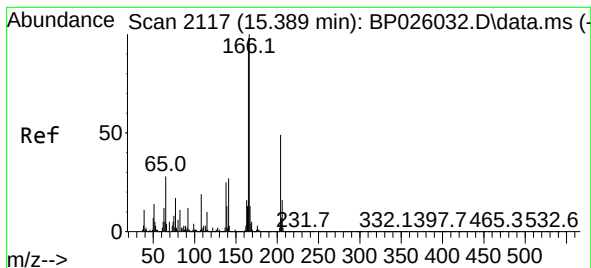
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 207369 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.5  | 17.9  | 26.9   |
| 150      | 12.7  | 9.9   | 14.9   |



#61  
4-Chlorophenyl-phenylether  
Concen: 4.356 ng  
RT: 15.366 min Scan# 2113  
Delta R.T. -0.023 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 103310 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 34.4  | 26.2  | 39.2   |
| 141      | 58.3  | 48.1  | 72.1   |

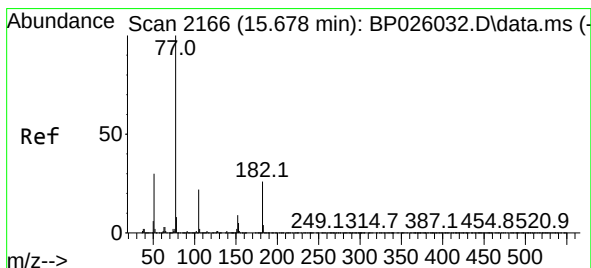
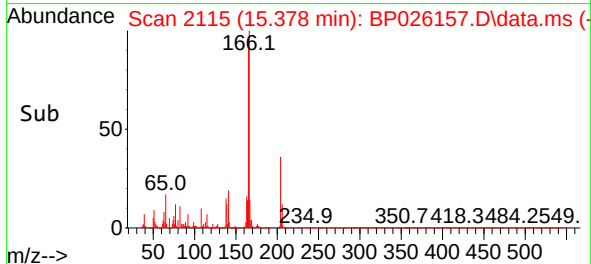
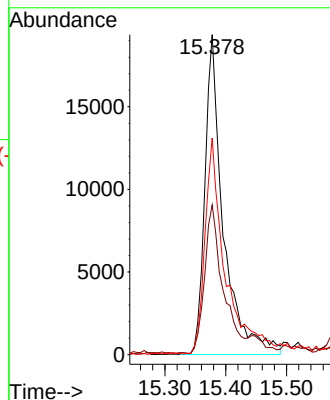
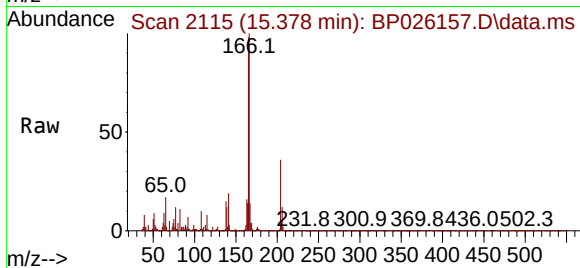




#62  
4-Nitroaniline  
Concen: 3.318 ng  
RT: 15.378 min Scan# 2115  
Delta R.T. -0.024 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

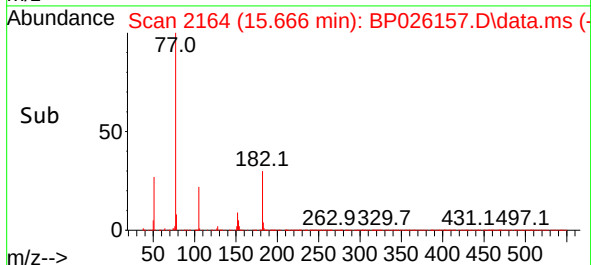
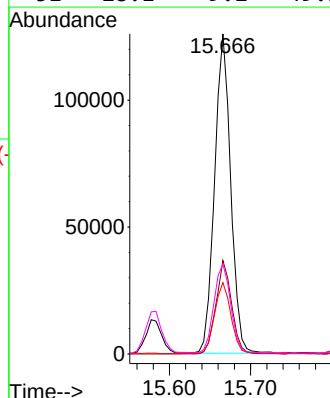
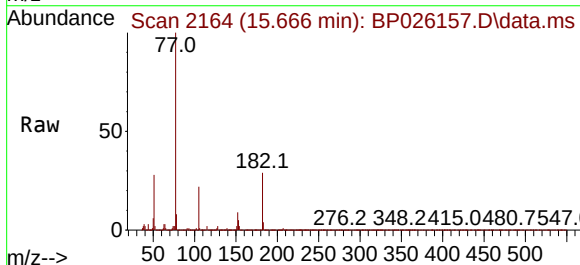
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

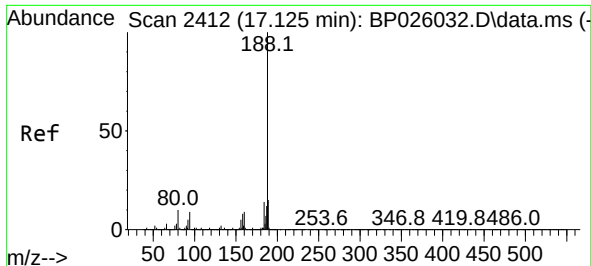
Tgt Ion:138 Resp: 40838  
Ion Ratio Lower Upper  
138 100  
92 46.8 27.5 67.5  
108 67.7 51.1 91.1



#63  
Azobenzene  
Concen: 4.017 ng  
RT: 15.666 min Scan# 2164  
Delta R.T. -0.023 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion: 77 Resp: 173349  
Ion Ratio Lower Upper  
77 100  
182 29.2 8.8 48.8  
105 22.3 2.6 42.6  
51 28.1 9.2 49.2

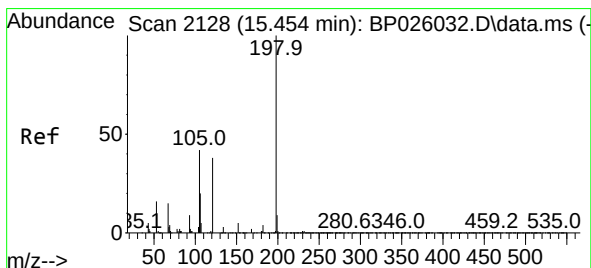
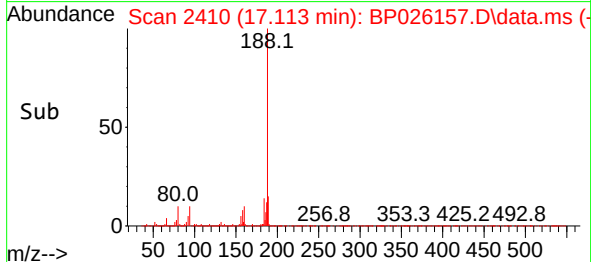
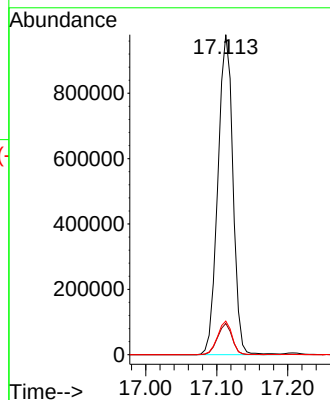
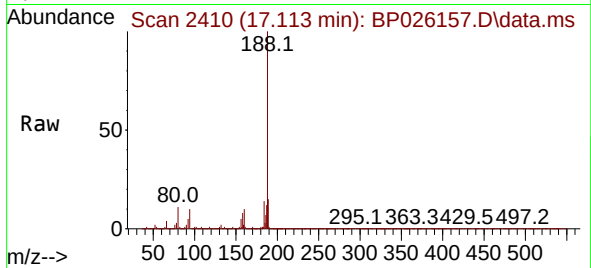




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.113 min Scan# 2412  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

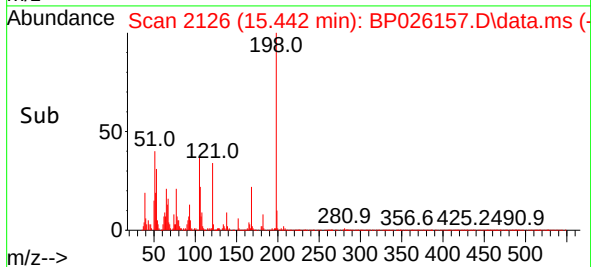
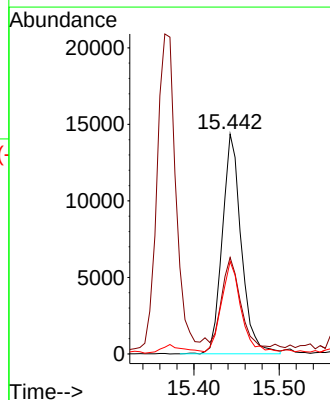
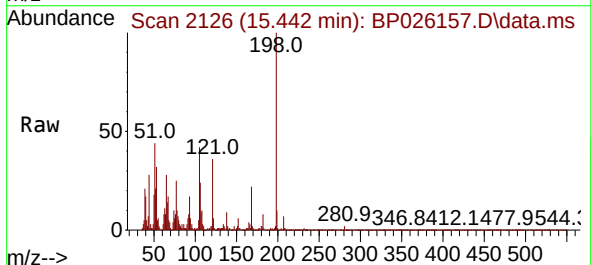
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

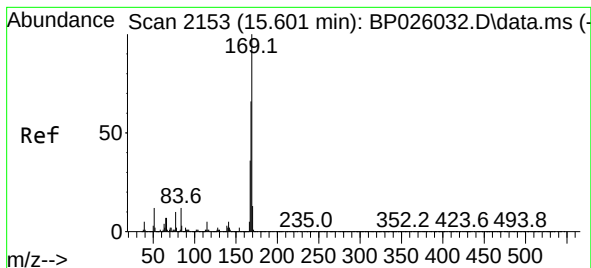
Tgt Ion:188 Resp: 1433456  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.6  
80 10.5 8.2 12.2



#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.451 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.023 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:198 Resp: 22322  
Ion Ratio Lower Upper  
198 100  
51 43.9 18.4 58.4  
105 42.1 18.5 58.5





#66

n-Nitrosodiphenylamine

Concen: 4.084 ng

RT: 15.583 min Scan# 2153

Delta R.T. -0.024 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

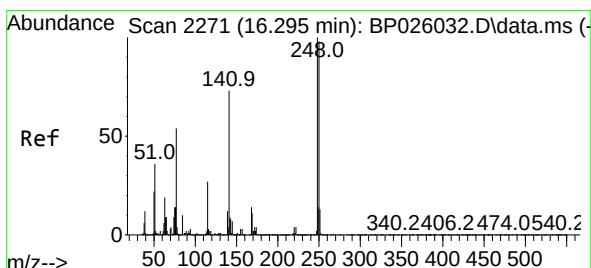
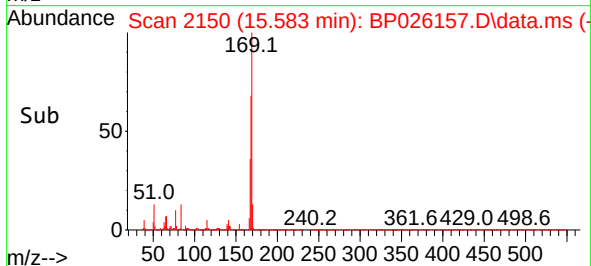
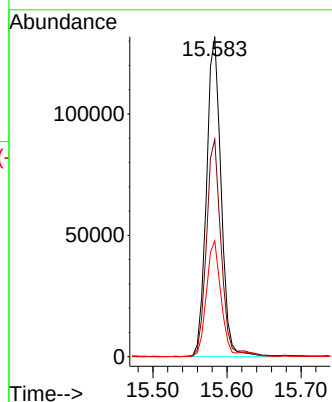
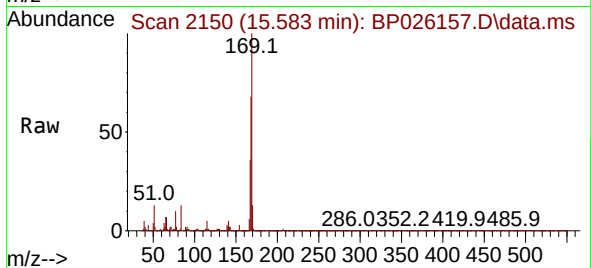
Tgt Ion:169 Resp: 181116

Ion Ratio Lower Upper

169 100

168 67.9 53.1 79.7

167 36.2 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 3.887 ng

RT: 16.278 min Scan# 2268

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

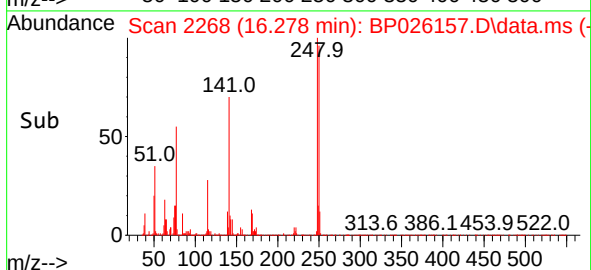
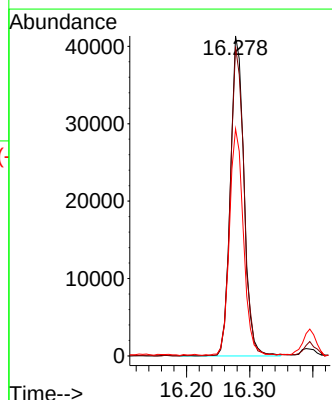
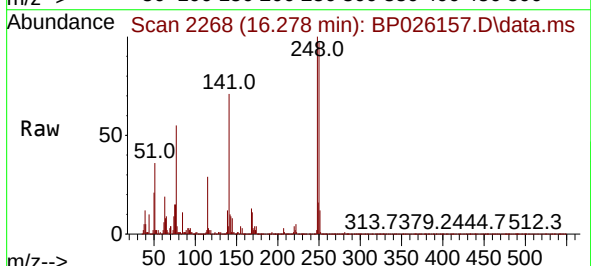
Tgt Ion:248 Resp: 61699

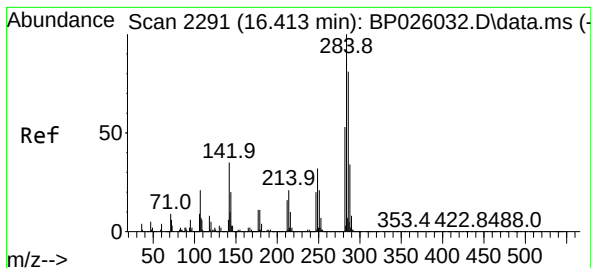
Ion Ratio Lower Upper

248 100

250 96.7 77.8 116.6

141 71.0 55.4 83.0





#68

Hexachlorobenzene

Concen: 4.033 ng

RT: 16.395 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

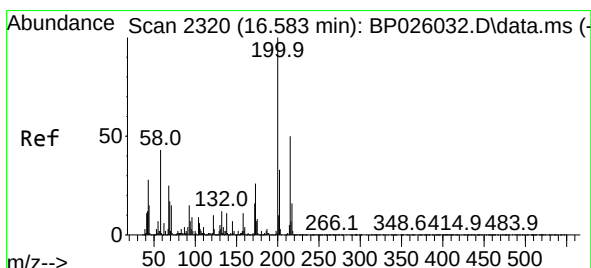
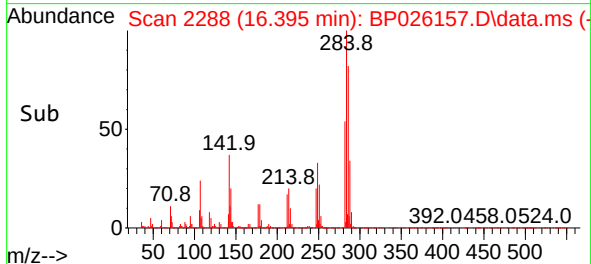
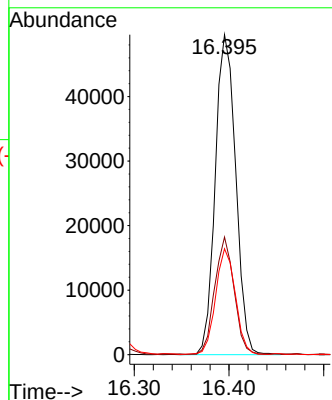
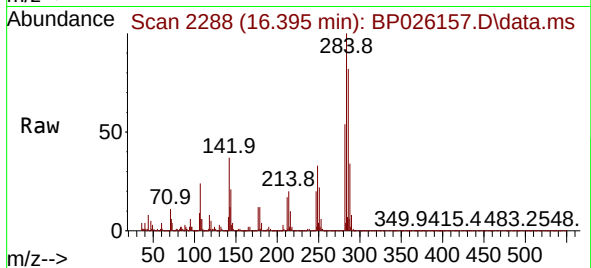
Tgt Ion:284 Resp: 74289

Ion Ratio Lower Upper

284 100

142 36.7 28.0 42.0

249 33.1 25.0 37.4



#69

Atrazine

Concen: 3.737 ng

RT: 16.560 min Scan# 2316

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

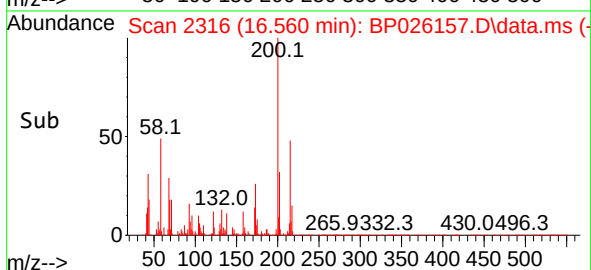
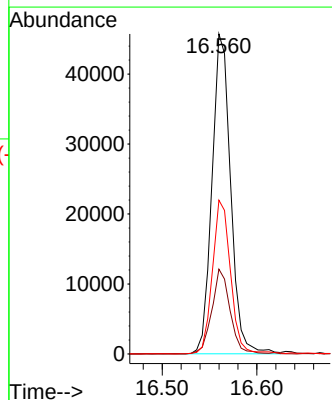
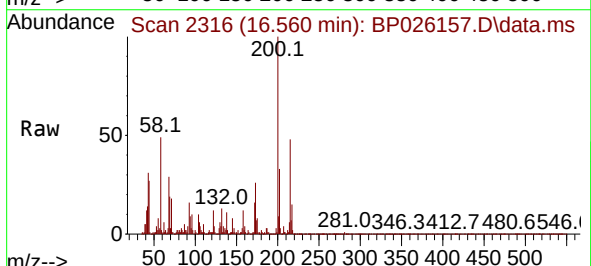
Tgt Ion:200 Resp: 62490

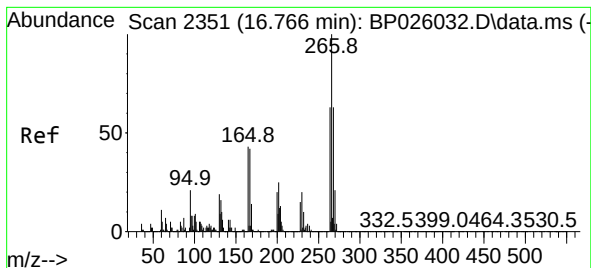
Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

215 48.0 27.4 67.4





#70

Pentachlorophenol

Concen: 3.064 ng

RT: 16.754 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

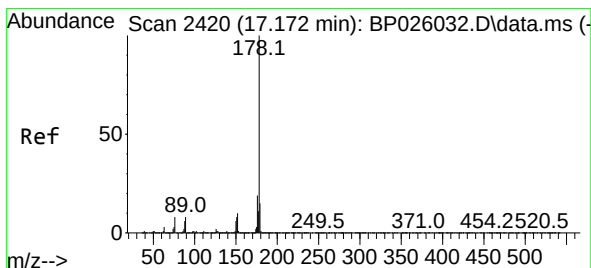
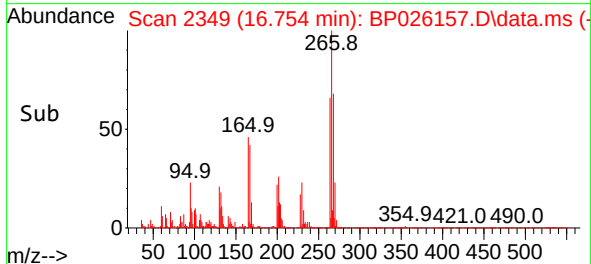
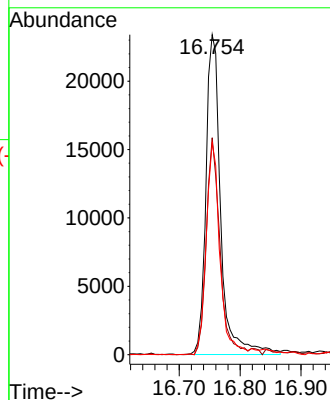
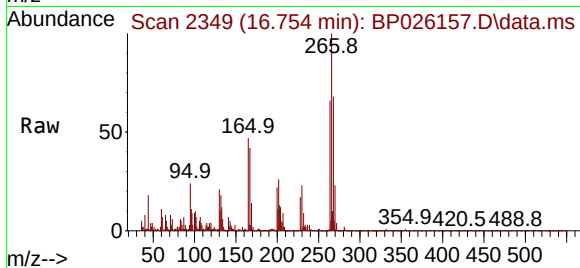
Tgt Ion:266 Resp: 39481

Ion Ratio Lower Upper

266 100

268 67.8 51.0 76.4

264 66.3 50.2 75.2



#71

Phenanthrene

Concen: 4.198 ng

RT: 17.148 min Scan# 2416

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

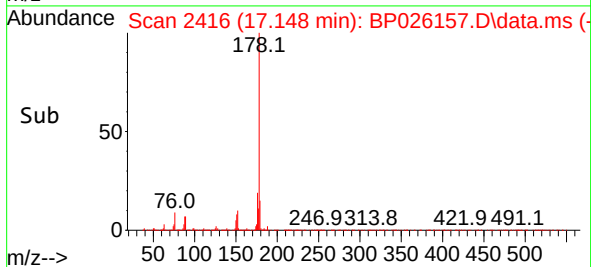
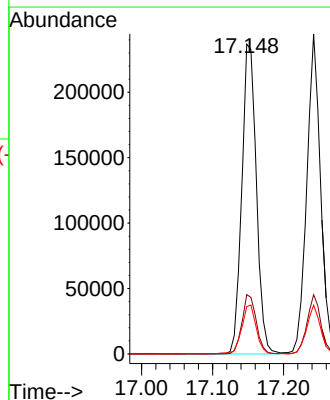
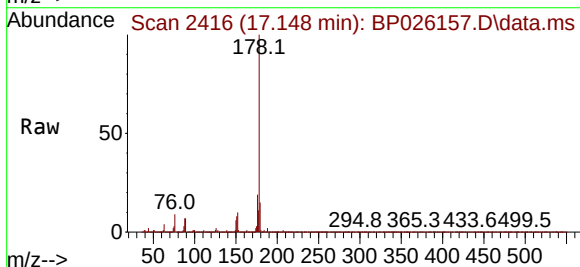
Tgt Ion:178 Resp: 339008

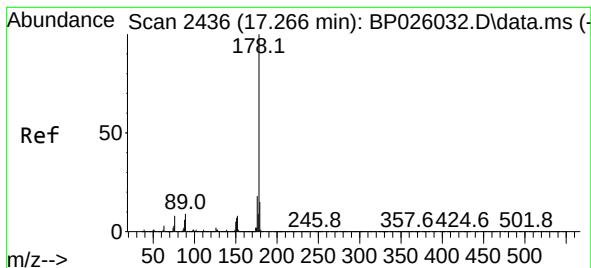
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.4 18.6





#72

Anthracene

Concen: 4.039 ng

RT: 17.242 min Scan# 2436

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

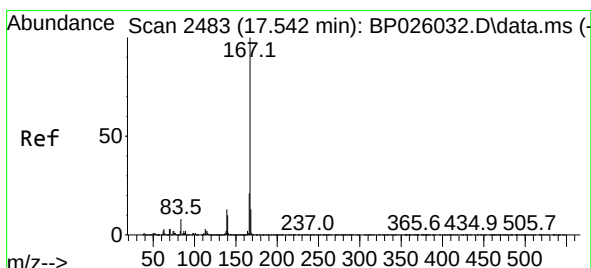
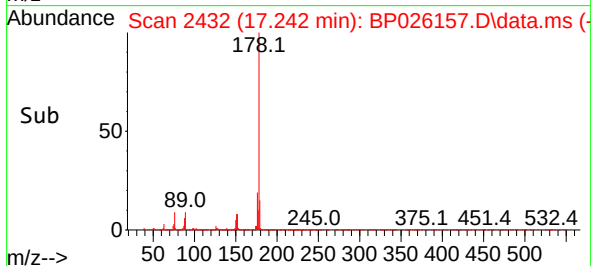
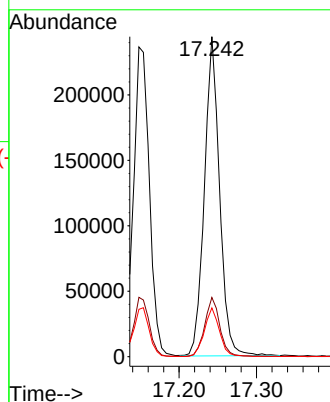
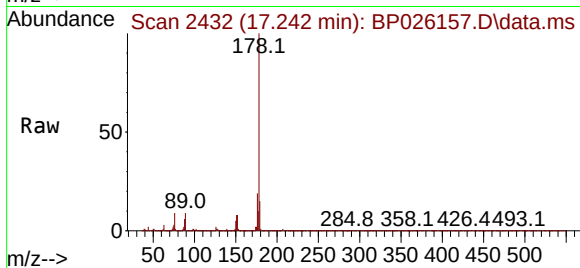
Tgt Ion:178 Resp: 332681

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.2 12.2 18.4



#73

Carbazole

Concen: 4.063 ng

RT: 17.525 min Scan# 2480

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

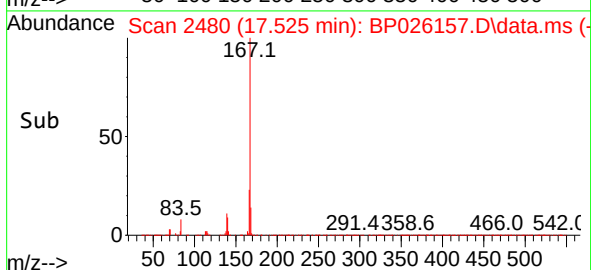
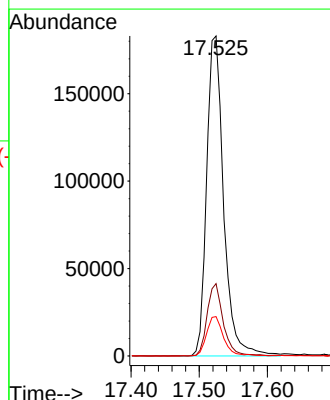
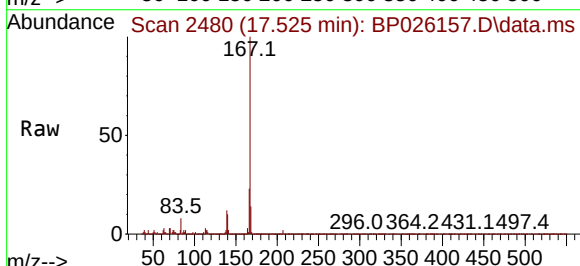
Tgt Ion:167 Resp: 317809

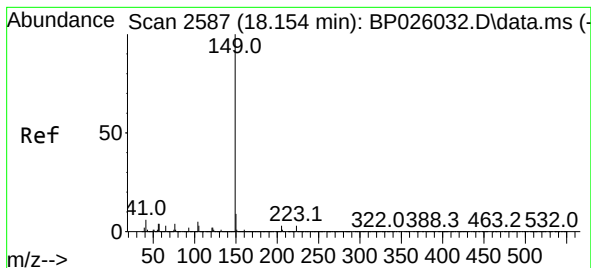
Ion Ratio Lower Upper

167 100

166 22.6 17.1 25.7

139 12.3 10.2 15.4





#74

Di-n-butylphthalate

Concen: 3.603 ng

RT: 18.130 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

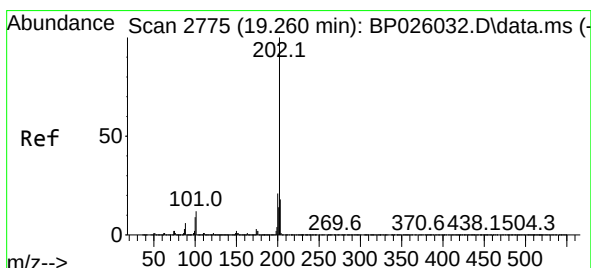
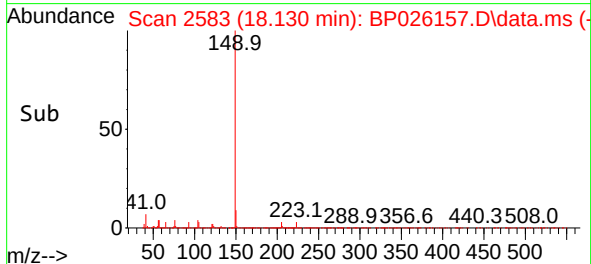
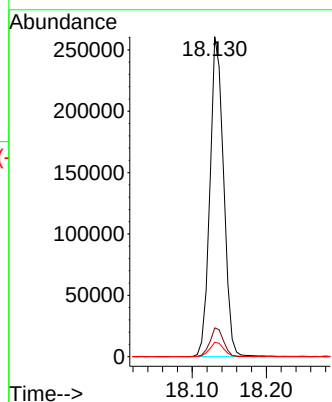
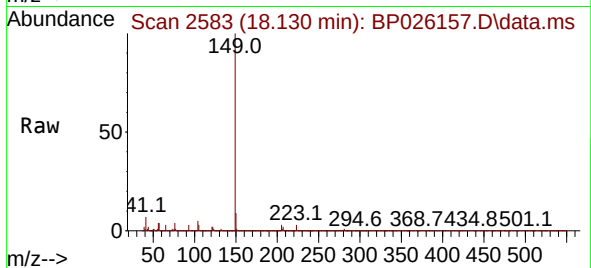
Tgt Ion:149 Resp: 334178

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.5 3.6 5.4



#75

Fluoranthene

Concen: 4.095 ng

RT: 19.248 min Scan# 2773

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

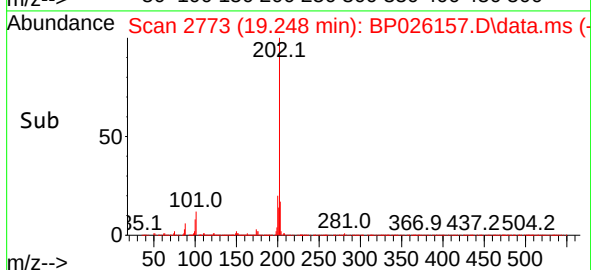
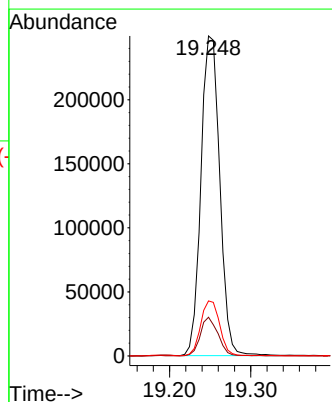
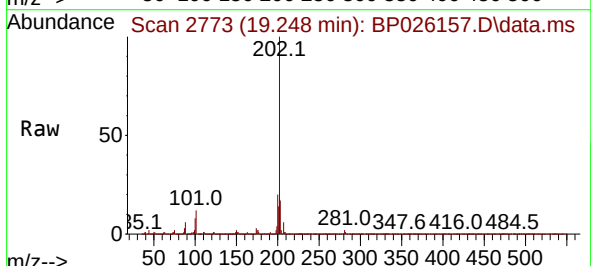
Tgt Ion:202 Resp: 401728

Ion Ratio Lower Upper

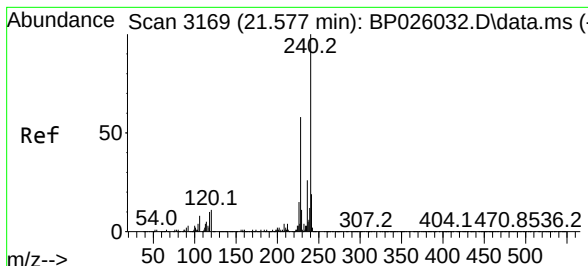
202 100

101 12.1 0.0 31.2

203 17.2 0.0 37.7







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

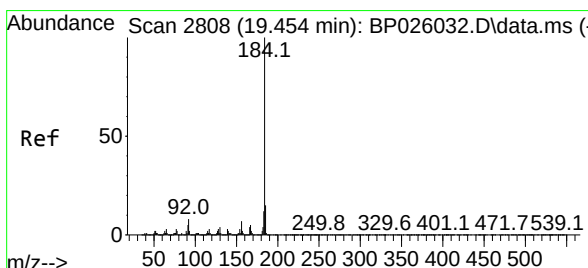
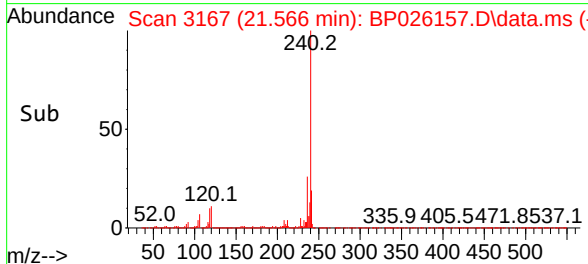
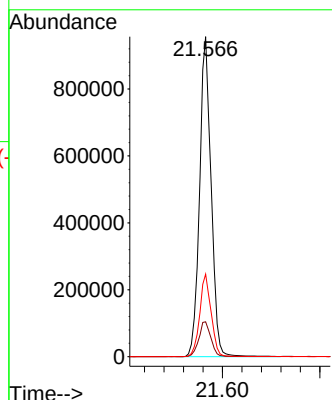
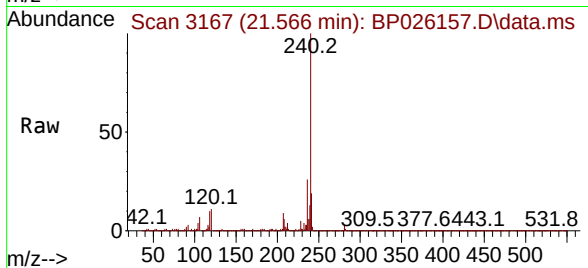
Tgt Ion:240 Resp: 1573718

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.8 20.4 30.6



#77

Benzidine

Concen: 3.417 ng

RT: 19.448 min Scan# 2807

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

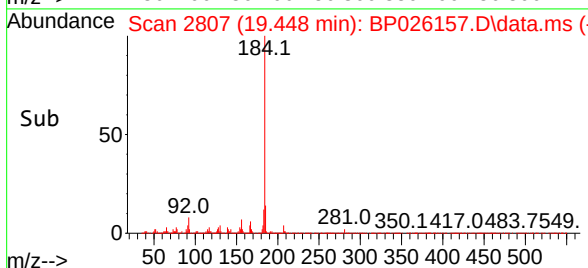
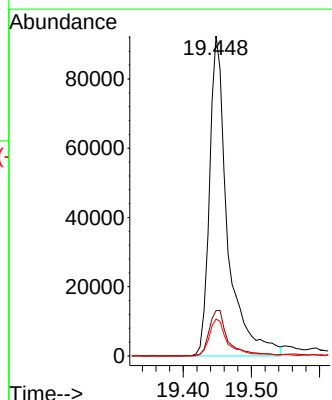
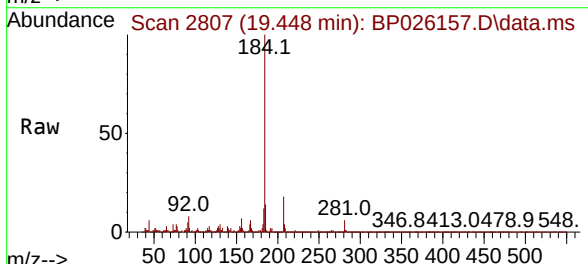
Tgt Ion:184 Resp: 170647

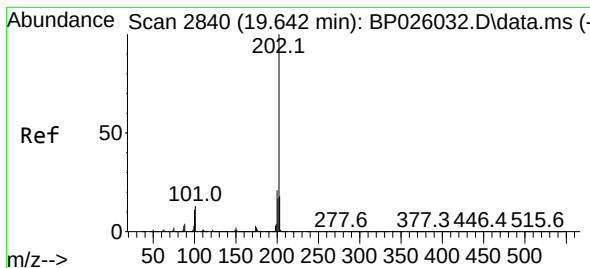
Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 11.6 9.0 13.6





#78

Pyrene

Concen: 4.177 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

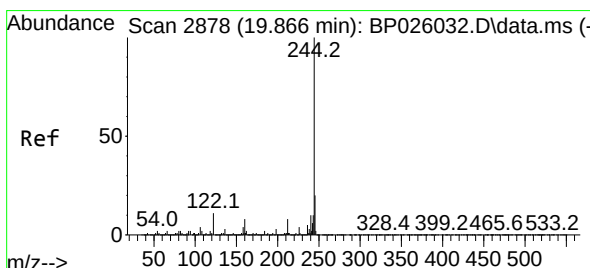
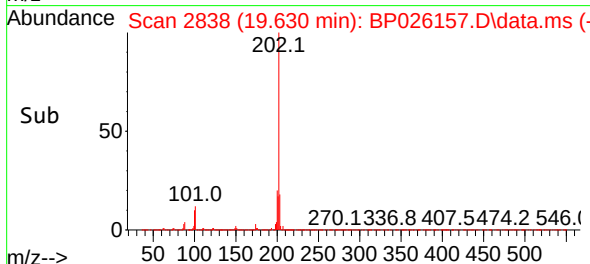
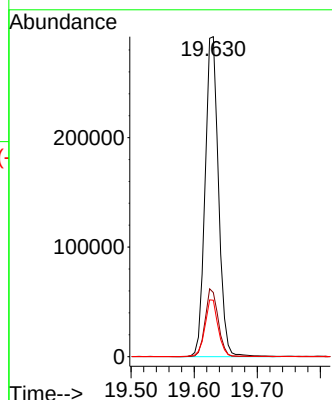
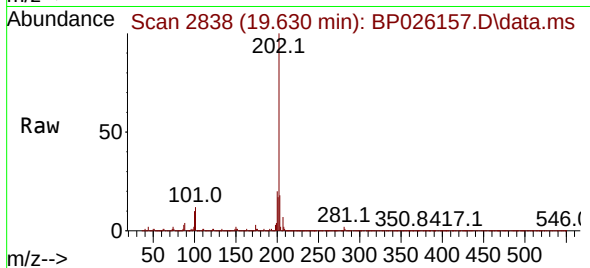
Tgt Ion:202 Resp: 431040

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

203 17.7 13.8 20.8



#79

Terphenyl-d14

Concen: 79.146 ng

RT: 19.860 min Scan# 2877

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

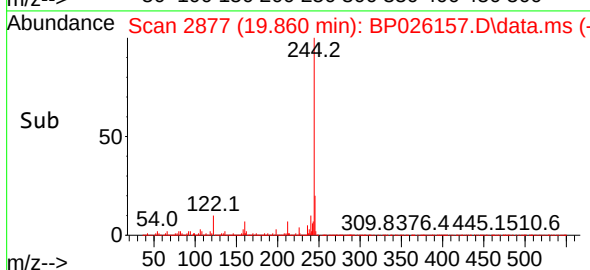
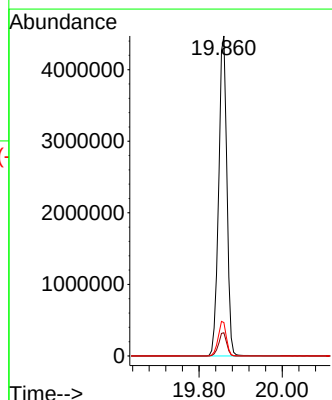
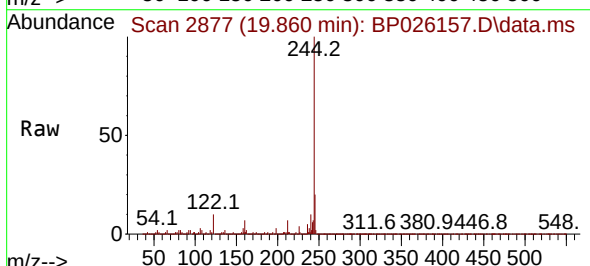
Tgt Ion:244 Resp: 6108373

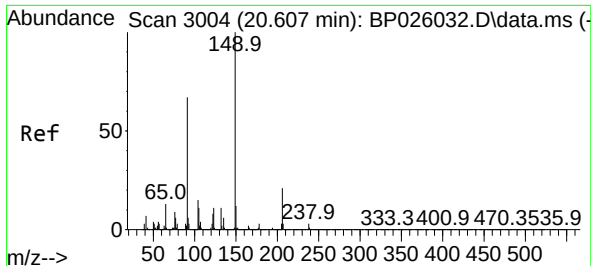
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.2 12.2

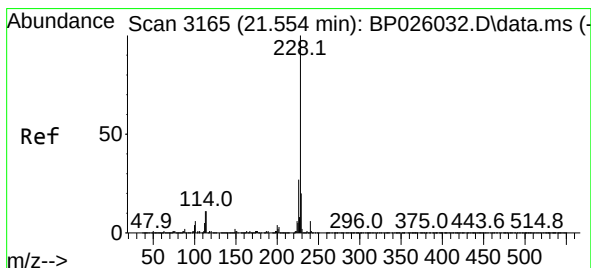
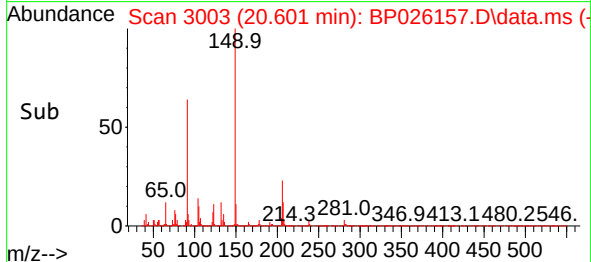
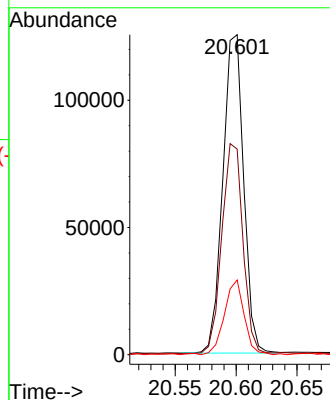
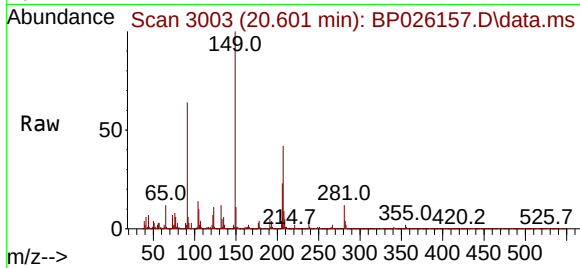




#80  
 Butylbenzylphthalate  
 Concen: 3.287 ng  
 RT: 20.601 min Scan# 3004  
 Delta R.T. -0.006 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

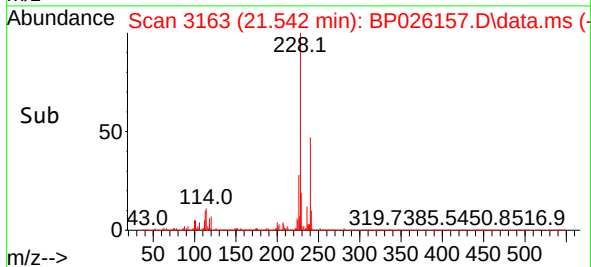
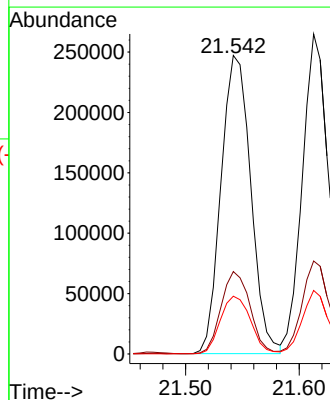
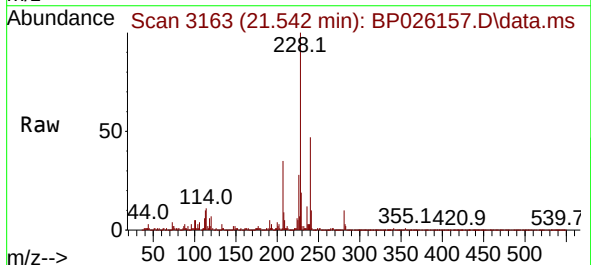
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

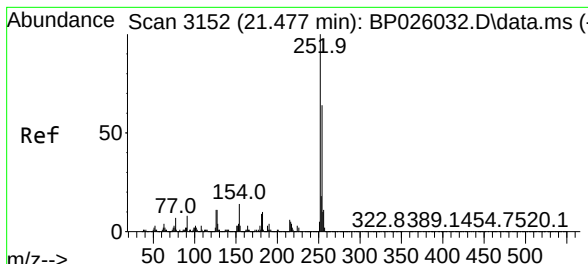
Tgt Ion:149 Resp: 149385  
 Ion Ratio Lower Upper  
 149 100  
 91 64.3 52.6 79.0  
 206 23.4 16.9 25.3



#81  
 Benzo(a)anthracene  
 Concen: 4.164 ng  
 RT: 21.542 min Scan# 3163  
 Delta R.T. -0.012 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

Tgt Ion:228 Resp: 450071  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 21.8 32.8  
 229 19.4 15.9 23.9

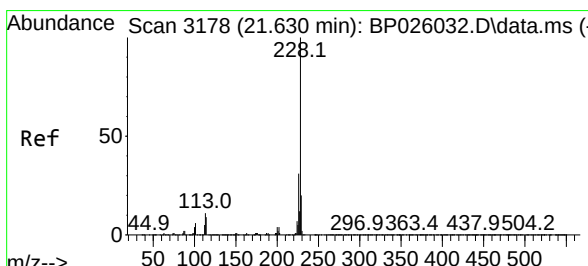
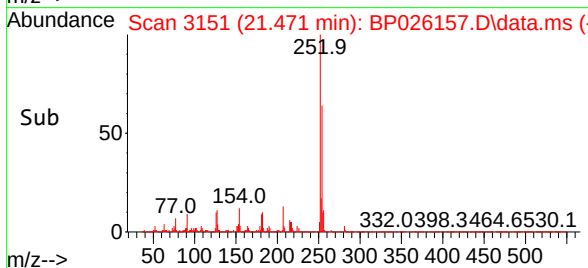
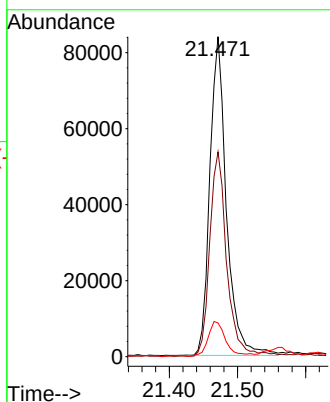
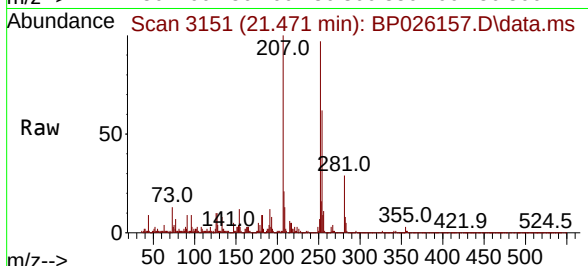




#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.625 ng  
 RT: 21.471 min Scan# 3151  
 Delta R.T. -0.018 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

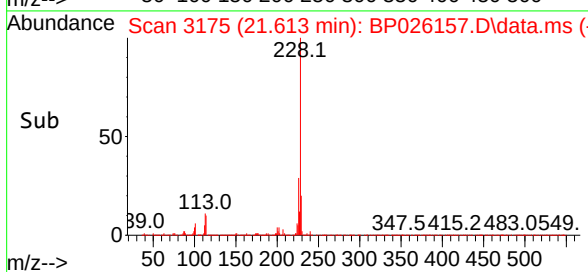
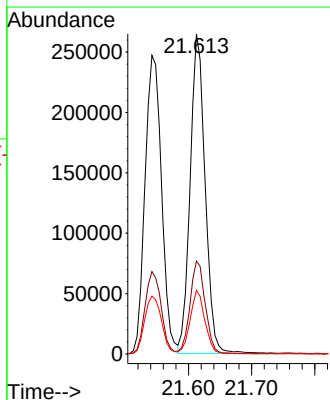
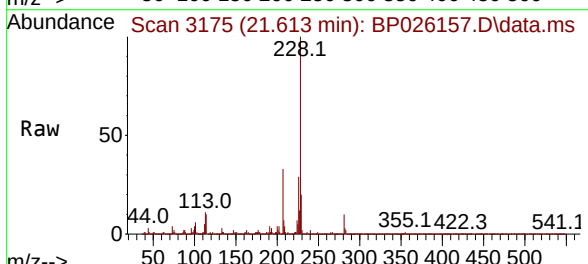
Instrument : BNA\_P  
 ClientSampleId : LOQ-SOIL-02-QT4-2025

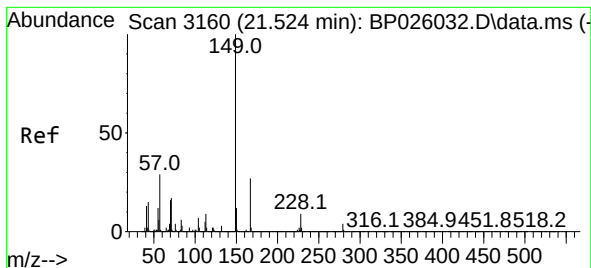
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 142484 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.0  | 51.2  | 76.8   |
| 126       | 10.6  | 8.2   | 12.4   |



#83  
 Chrysene  
 Concen: 4.278 ng  
 RT: 21.613 min Scan# 3175  
 Delta R.T. -0.006 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 435769 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.0  | 23.9  | 35.9   |
| 229       | 19.8  | 15.9  | 23.9   |

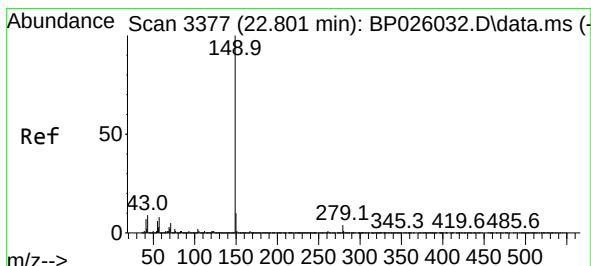
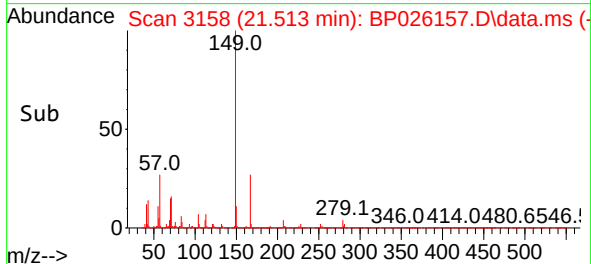
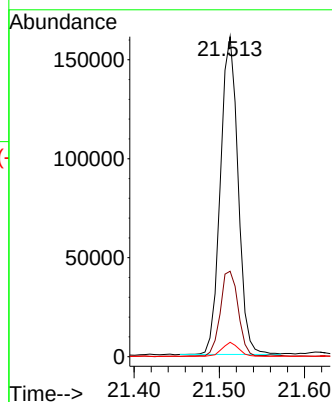
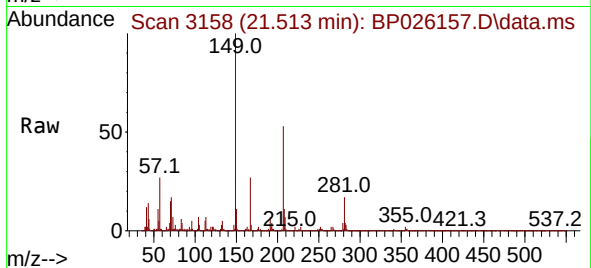




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.368 ng  
 RT: 21.513 min Scan# 3158  
 Delta R.T. -0.006 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

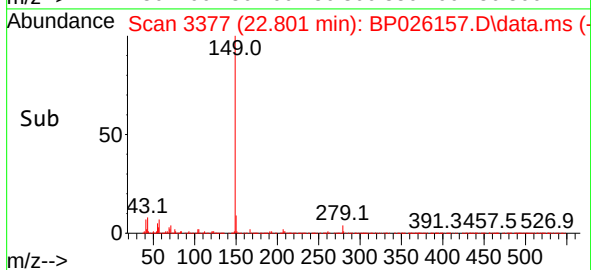
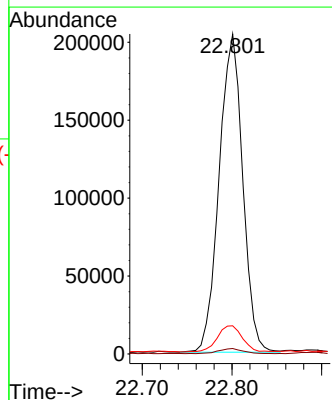
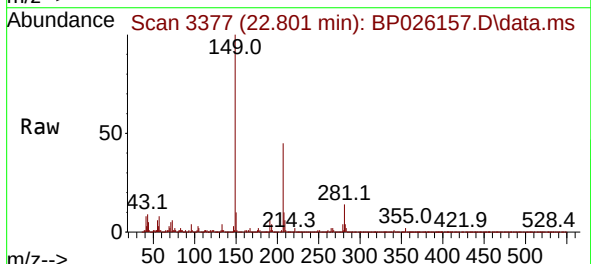
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

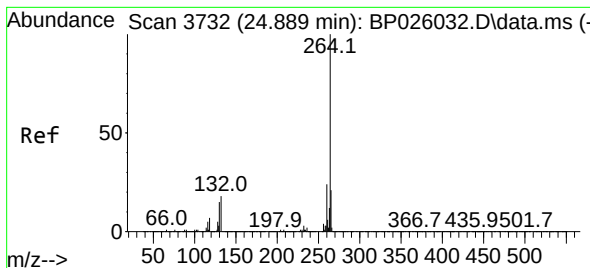
Tgt Ion:149 Resp: 231702  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 22.1 33.1  
 279 4.5 3.3 4.9



#85  
 Di-n-octyl phthalate  
 Concen: 3.093 ng  
 RT: 22.801 min Scan# 3377  
 Delta R.T. -0.006 min  
 Lab File: BP026157.D  
 Acq: 19 Nov 2025 12:57

Tgt Ion:149 Resp: 372074  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 8.8 6.6 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

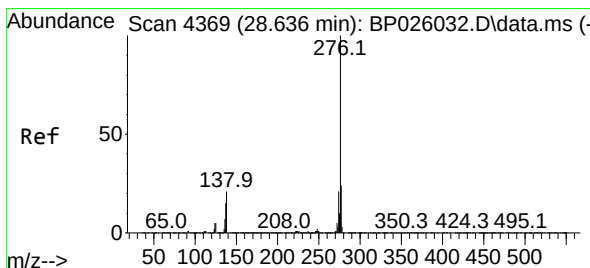
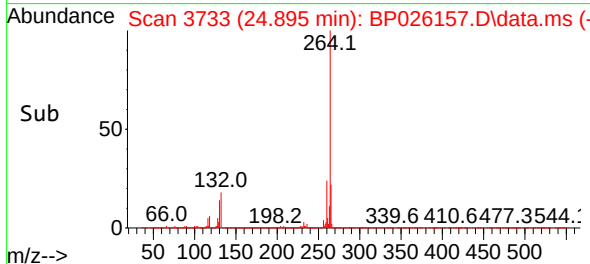
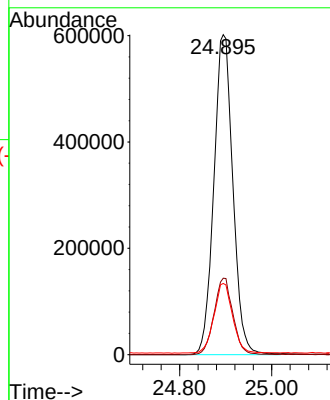
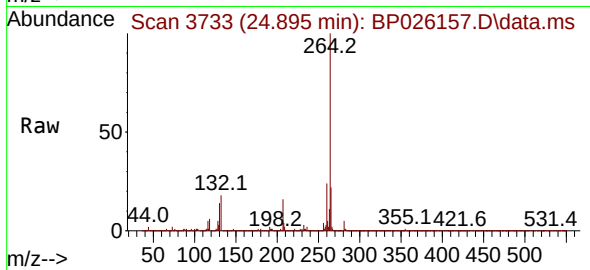
Tgt Ion:264 Resp: 1721658

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.2 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.288 ng

RT: 28.659 min Scan# 4373

Delta R.T. -0.047 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

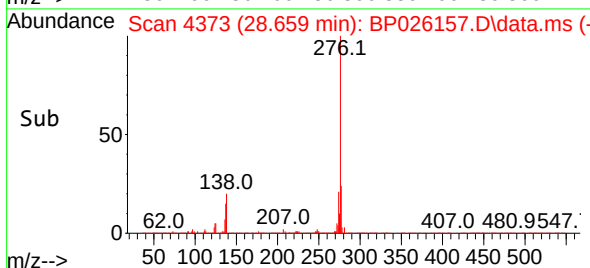
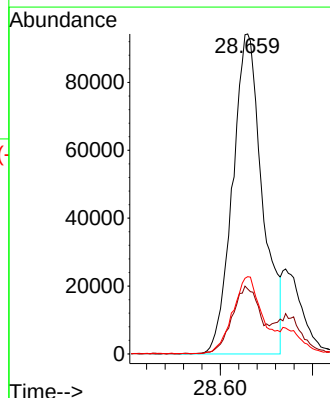
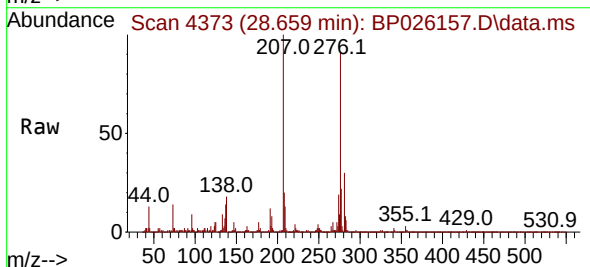
Tgt Ion:276 Resp: 424576

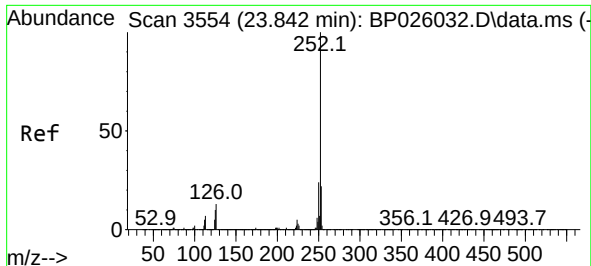
Ion Ratio Lower Upper

276 100

138 19.9 13.8 20.8

277 23.1 16.7 25.1

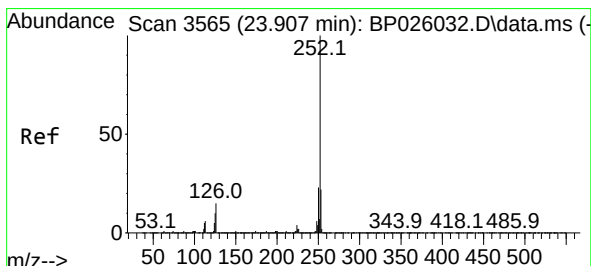
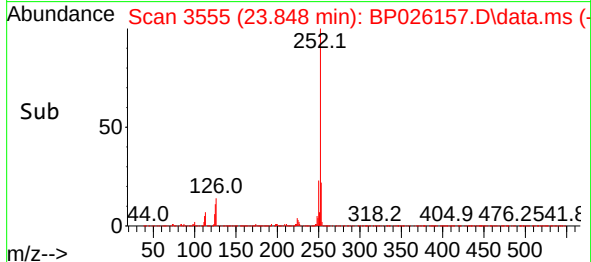
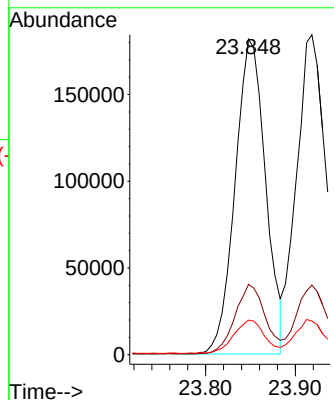
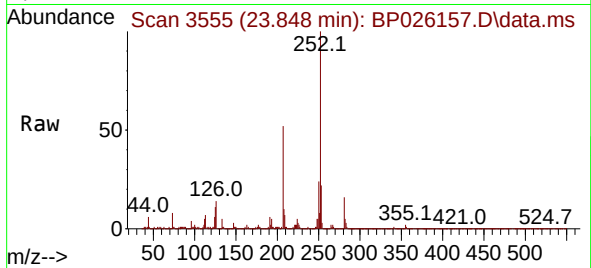




#88  
Benzo(b)fluoranthene  
Concen: 4.083 ng  
RT: 23.848 min Scan# 3554  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

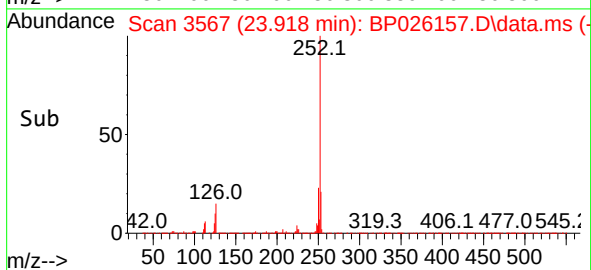
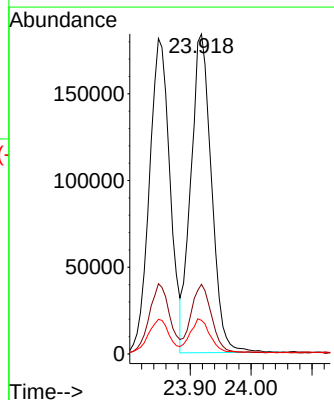
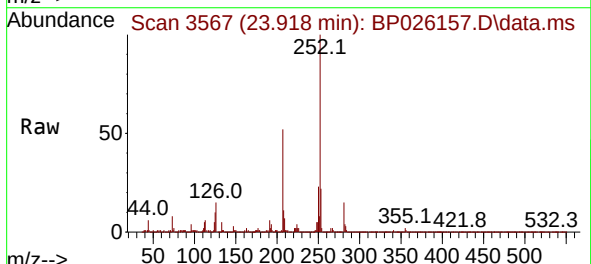
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

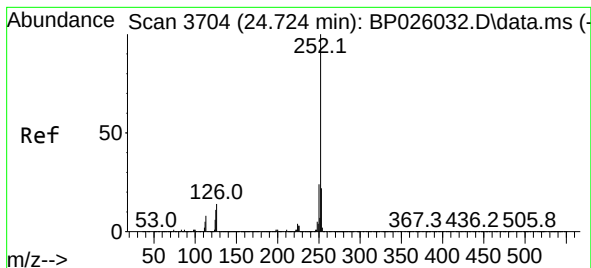
Tgt Ion:252 Resp: 428132  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 11.0 8.2 12.4



#89  
Benzo(k)fluoranthene  
Concen: 4.122 ng  
RT: 23.918 min Scan# 3567  
Delta R.T. -0.018 min  
Lab File: BP026157.D  
Acq: 19 Nov 2025 12:57

Tgt Ion:252 Resp: 431716  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 10.5 7.5 11.3





#90

Benzo(a)pyrene

Concen: 4.057 ng

RT: 24.742 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

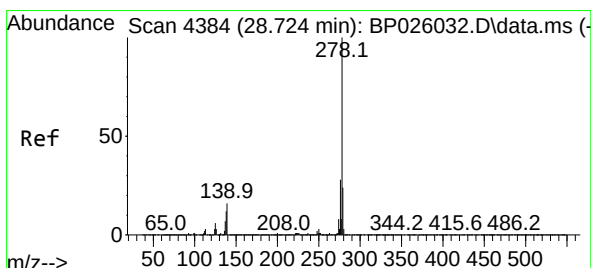
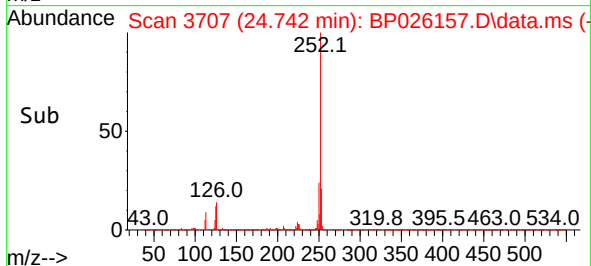
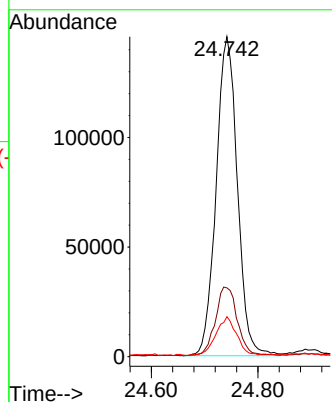
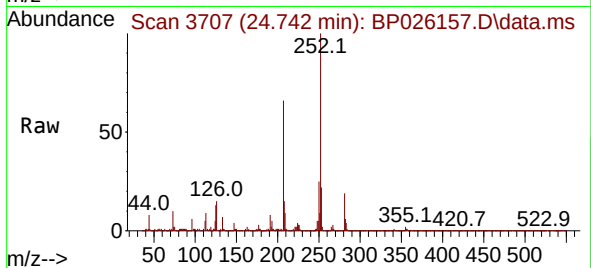
Tgt Ion:252 Resp: 402917

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 12.5 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 3.875 ng

RT: 28.753 min Scan# 4389

Delta R.T. -0.041 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

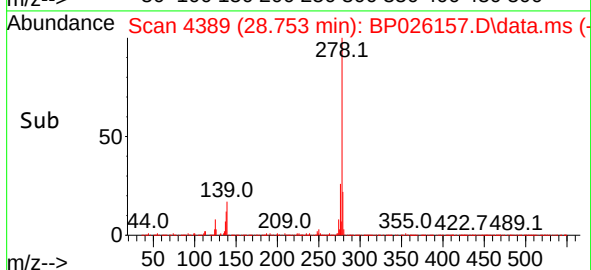
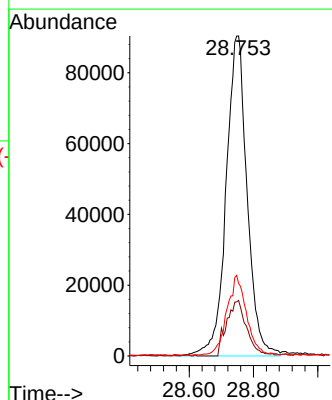
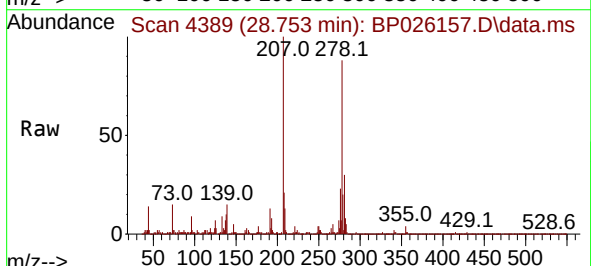
Tgt Ion:278 Resp: 409616

Ion Ratio Lower Upper

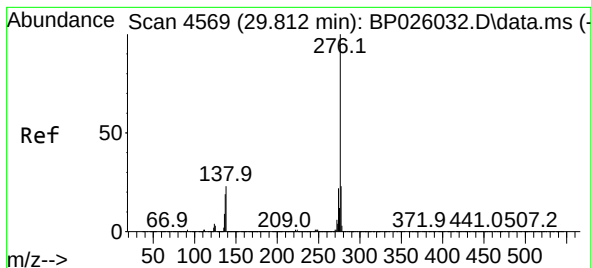
278 100

139 17.4 13.2 19.8

279 22.7 19.2 28.8







#92

Benzo(g,h,i)perylene

Concen: 3.896 ng

RT: 29.812 min Scan# 4

Delta R.T. -0.071 min

Lab File: BP026157.D

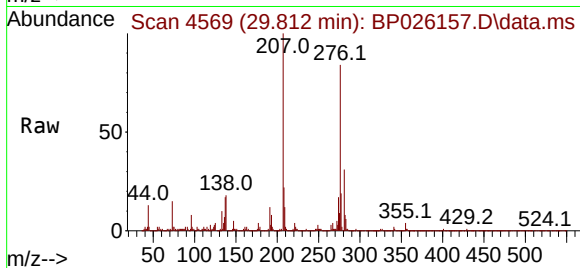
Acq: 19 Nov 2025 12:57

Instrument :

BNA\_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025



Tgt Ion:276 Resp: 409345

Ion Ratio Lower Upper

276 100

277 22.4 18.8 28.2

138 21.5 17.8 26.6

