

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091721\  
 Data File : BP007034.D  
 Acq On : 17 Sep 2021 19:37  
 Operator : CG/JU  
 Sample : M3770-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NAPL-05-(29-31)MS

Quant Time: Sep 18 00:57:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 10:50:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 294688   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 1133029  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.533 | 164  | 691805   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.280 | 188  | 1396289  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.362 | 240  | 1491610  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.774 | 264  | 1592674  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 2105987  | 116.697 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 2644025  | 107.341 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 1468813  | 72.810  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.022 | 330  | 963895   | 115.856 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 3444578  | 68.737  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 4955839  | 63.746  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.369  | 88   | 326240   | 41.285  | ng    | # 87     |
| 3) Pyridine                   | 3.775  | 79   | 794169   | 39.086  | ng    | # 86     |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 350390   | 46.944  | ng    | # 85     |
| 6) Aniline                    | 7.234  | 93   | 943843   | 35.561  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 923602   | 45.662  | ng    | 97       |
| 9) Benzaldehyde               | 7.046  | 77   | 596482   | 54.296  | ng    | 95       |
| 10) Phenol                    | 7.098  | 94   | 1159125  | 46.681  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.334  | 93   | 867451   | 45.322  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.798  | 146  | 1011089  | 44.614  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.946  | 146  | 1019494  | 44.369  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.257  | 146  | 973971   | 44.266  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.146  | 79   | 726983   | 45.760  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 1011326  | 45.198  | ng    | 88       |
| 17) 2-Methylphenol            | 8.351  | 107  | 745730   | 46.754  | ng    | 92       |
| 18) Hexachloroethane          | 8.987  | 117  | 346523   | 45.409  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.716  | 70   | 586496   | 43.369  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 1003341  | 46.475  | ng    | 94       |
| 22) Acetophenone              | 8.734  | 105  | 1267869  | 44.368  | ng    | 99       |
| 24) Nitrobenzene              | 9.110  | 77   | 903670   | 42.938  | ng    | 97       |
| 25) Isophorone                | 9.640  | 82   | 1572890  | 42.179  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 435327   | 47.709  | ng    | # 88     |
| 27) 2,4-Dimethylphenol        | 9.881  | 122  | 825594   | 51.418  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.122 | 93   | 1071630  | 47.363  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 836079   | 45.578  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 911389   | 43.693  | ng    | 98       |
| 31) Naphthalene               | 10.757 | 128  | 2666099  | 42.467  | ng    | 100      |
| 32) Benzoic acid              | 10.016 | 122  | 544109   | 45.833  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.869 | 127  | 375561   | 15.407  | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.045 | 225  | 525423   | 42.773  | ng    | 99       |
| 35) Caprolactam               | 11.657 | 113  | 129074   | 25.571  | ng    | # 68     |
| 36) 4-Chloro-3-methylphenol   | 11.986 | 107  | 839457   | 45.364  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 1907035  | 42.847  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.581 | 142  | 1752233  | 41.693  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 972099   | 44.155  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.716 | 237  | 1269735  | 116.104 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 655274   | 46.043  | ng    | 97       |

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 ALS Vial : 12 Sample Multiplier: 1

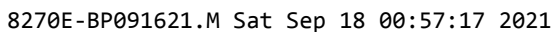
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NAPL-05-(29-31)MS

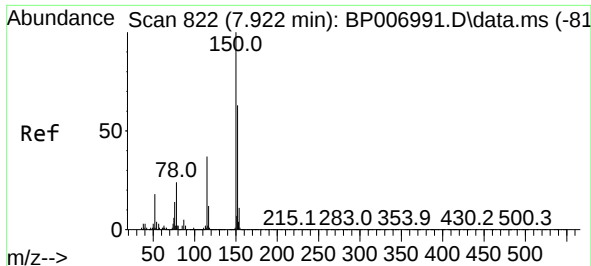
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 10:50:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.039 | 196  | 714621   | 45.573    | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 2294154  | 42.513    | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.410 | 162  | 1839168  | 43.256    | ng    | 98       |
| 48) 2-Nitroaniline            | 13.616 | 65   | 476947   | 48.956    | ng    | 99       |
| 49) Acenaphthylene            | 14.257 | 152  | 2900601  | 45.019    | ng    | 100      |
| 50) Dimethylphthalate         | 13.992 | 163  | 2229744  | 44.159    | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.110 | 165  | 488660   | 44.469    | ng    | 94       |
| 52) Acenaphthene              | 14.598 | 154  | 1729040  | 42.399    | ng    | 99       |
| 53) 3-Nitroaniline            | 14.439 | 138  | 426931   | 38.867    | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.639 | 184  | 584521   | 100.314   | ng    | 95       |
| 55) Dibenzofuran              | 14.933 | 168  | 2762762  | 41.826    | ng    | 96       |
| 56) 4-Nitrophenol             | 14.745 | 139  | 931562   | 99.926    | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 659847   | 46.916    | ng    | 97       |
| 58) Fluorene                  | 15.580 | 166  | 2217553  | 43.014    | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.075 | 232  | 603130   | 44.718    | ng    | 97       |
| 60) Diethylphthalate          | 15.357 | 149  | 2169106  | 44.667    | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 1115666  | 43.146    | ng    | 92       |
| 62) 4-Nitroaniline            | 15.598 | 138  | 527322   | 47.755    | ng    | # 81     |
| 63) Azobenzene                | 15.869 | 77   | 1962318  | 43.634    | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 354217   | 41.833    | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.792 | 169  | 1939956  | 43.656    | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.469 | 248  | 672894   | 43.596    | ng    | 98       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 756807   | 43.616    | ng    | 100      |
| 69) Atrazine                  | 16.745 | 200  | 695594   | 52.643    | ng    | 97       |
| 70) Pentachlorophenol         | 16.927 | 266  | 1053423  | 101.092   | ng    | 99       |
| 71) Phenanthrene              | 17.321 | 178  | 3535526  | 43.647    | ng    | 99       |
| 72) Anthracene                | 17.416 | 178  | 3585043  | 46.258    | ng    | 99       |
| 73) Carbazole                 | 17.686 | 167  | 3294356  | 43.573    | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.239 | 149  | 3781957  | 48.910    | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 4255122  | 45.607    | ng    | 97       |
| 77) Benzidine                 | 19.468 | 184  | 2559827  | Below Cal |       | 99       |
| 78) Pyrene                    | 19.639 | 202  | 4400378  | 42.572    | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.510 | 149  | 1750666  | 48.379    | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.345 | 228  | 4366737  | 43.083    | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 1511751  | 52.453    | ng    | 98       |
| 83) Chrysene                  | 21.398 | 228  | 4267610  | 42.908    | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 2639137  | 49.616    | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.198 | 149  | 4524863  | 52.047    | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.303 | 276  | 5526983  | 45.727    | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.039 | 252  | 4768914  | 44.084    | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.086 | 252  | 4486477  | 42.610    | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.668 | 252  | 4594999  | 47.365    | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.321 | 278  | 4677793  | 44.737    | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.080 | 276  | 4598664  | 45.587    | ng    | # 93     |

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

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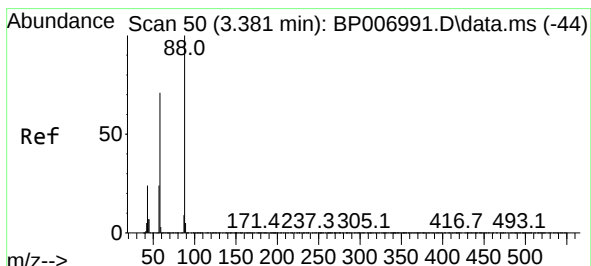
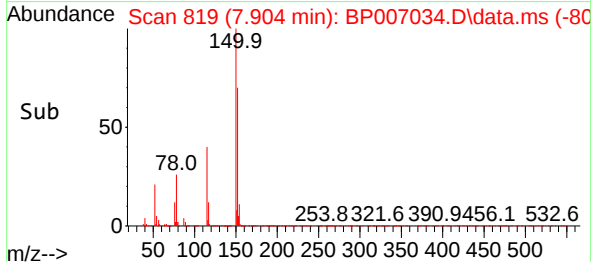
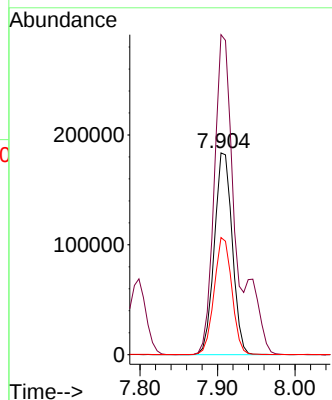
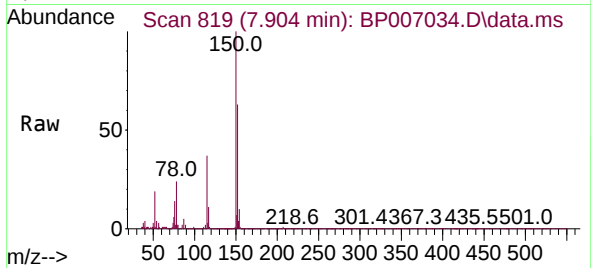




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

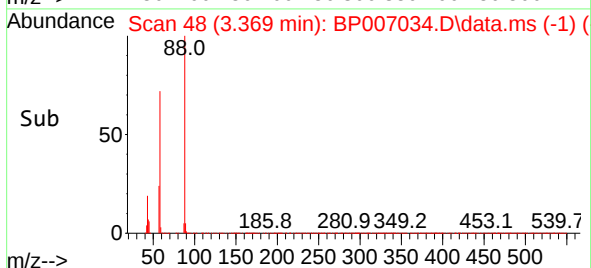
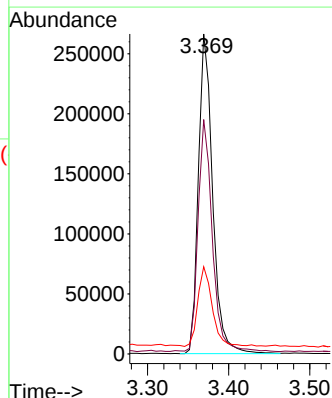
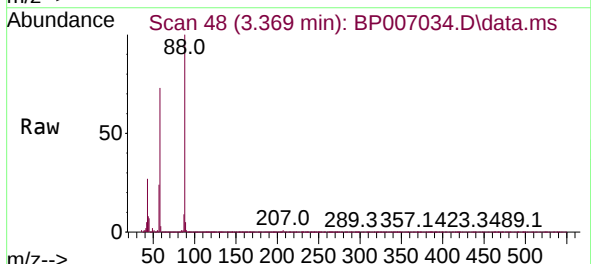
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

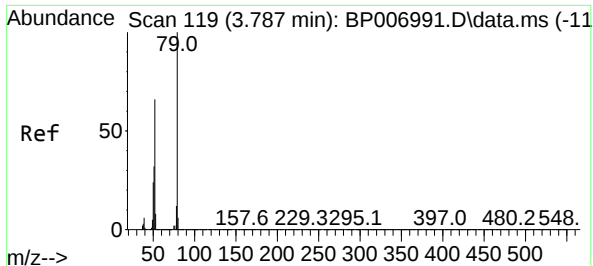
Tgt Ion:152 Resp: 294688  
Ion Ratio Lower Upper  
152 100  
150 158.6 125.6 188.4  
115 58.0 48.5 72.7



#2  
1,4-Dioxane  
Concen: 41.285 ng  
RT: 3.369 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 88 Resp: 326240  
Ion Ratio Lower Upper  
88 100  
58 72.4 46.7 70.1#  
43 25.1 20.3 30.5

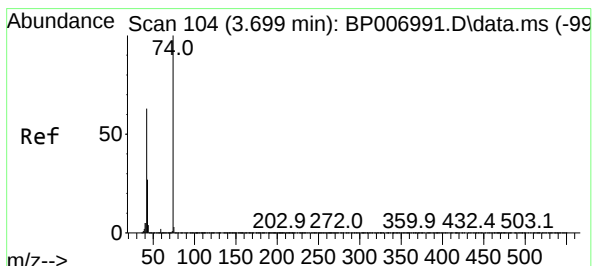
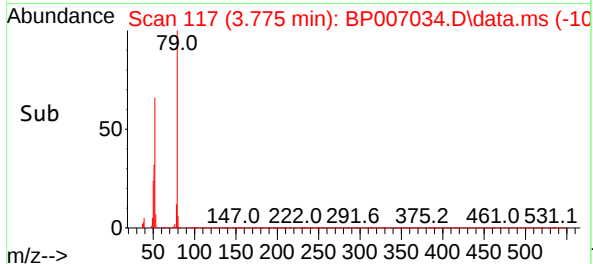
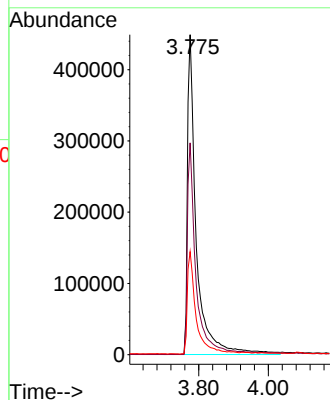
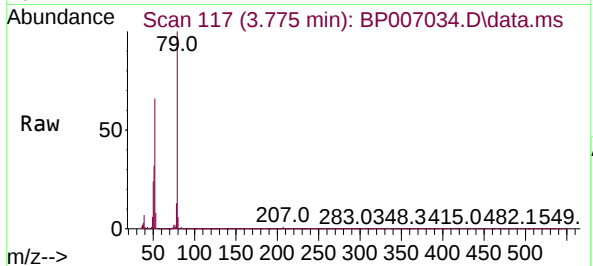




#3  
Pyridine  
Concen: 39.086 ng  
RT: 3.775 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

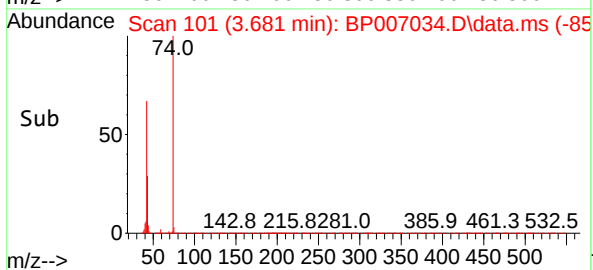
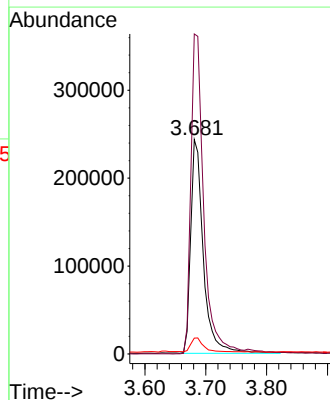
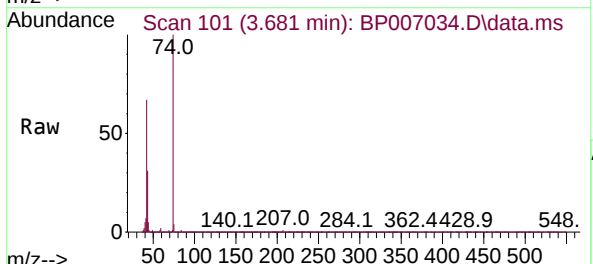
Instrument :  
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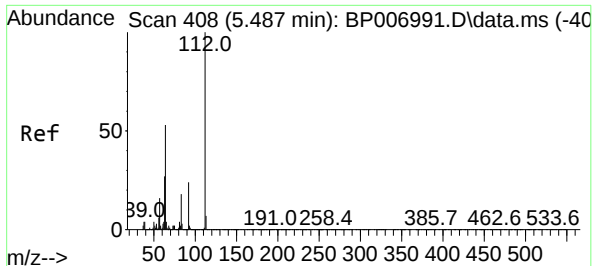
Tgt Ion: 79 Resp: 794169  
Ion Ratio Lower Upper  
79 100  
52 66.2 41.7 62.5#  
51 32.2 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 46.944 ng  
RT: 3.681 min Scan# 101  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 42 Resp: 350390  
Ion Ratio Lower Upper  
42 100  
74 149.3 105.4 158.0  
44 7.4 4.2 6.4#

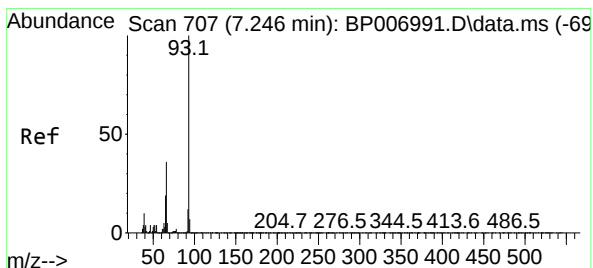
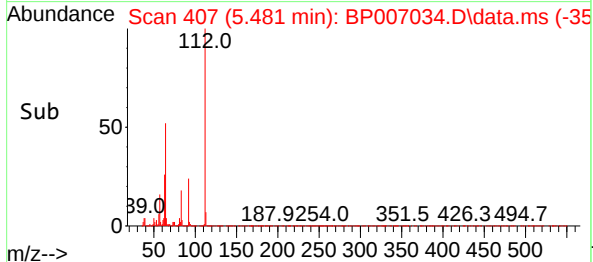
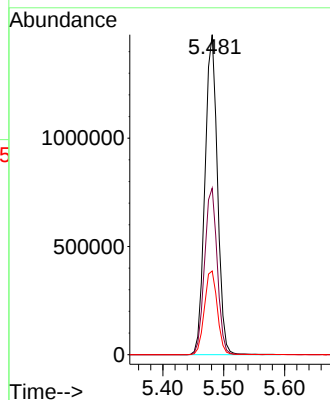
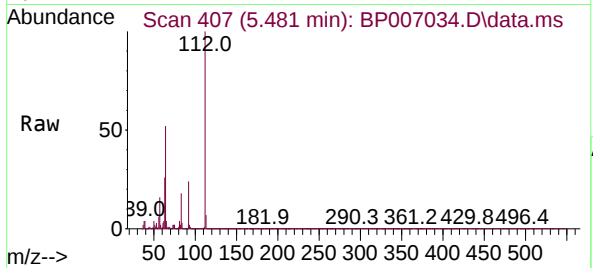




#5  
2-Fluorophenol  
Concen: 116.697 ng  
RT: 5.481 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

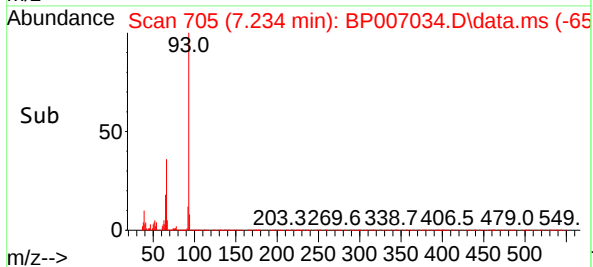
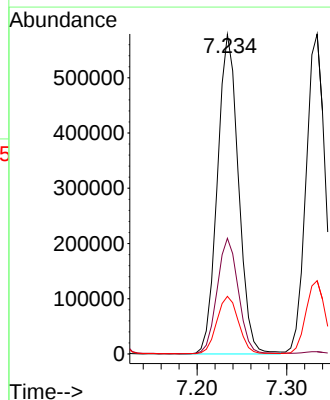
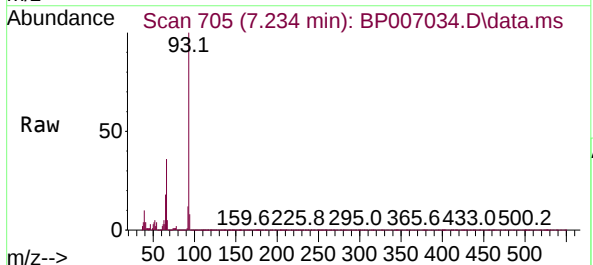
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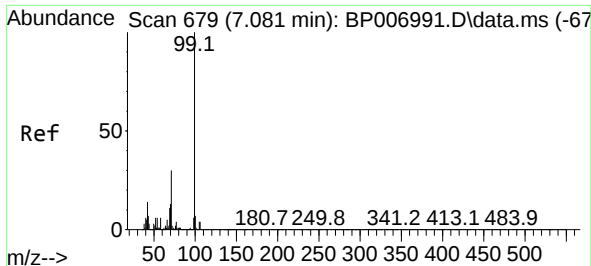
Tgt Ion:112 Resp: 2105987  
Ion Ratio Lower Upper  
112 100  
64 52.1 41.4 62.2  
63 26.2 23.8 35.8



#6  
Aniline  
Concen: 35.561 ng  
RT: 7.234 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 93 Resp: 943843  
Ion Ratio Lower Upper  
93 100  
66 36.2 29.7 44.5  
65 18.0 15.3 22.9



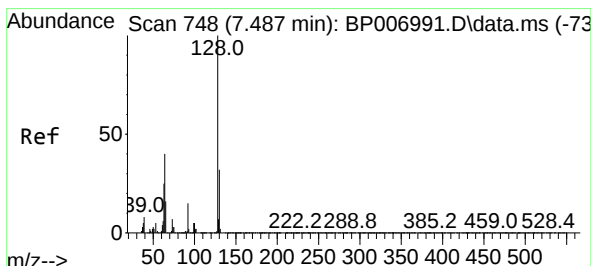
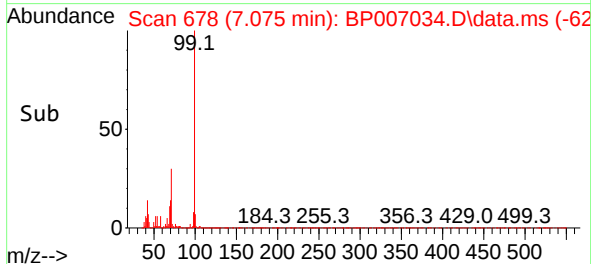
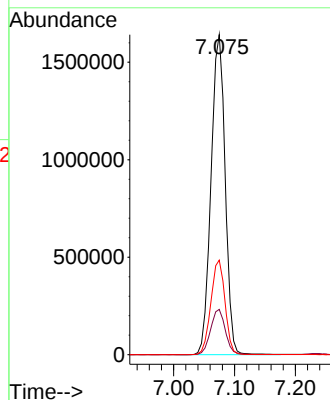
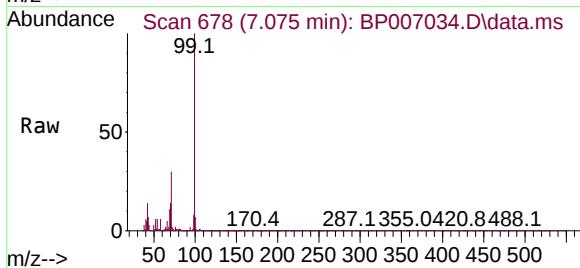


#7  
Phenol-d6  
Concen: 107.341 ng  
RT: 7.075 min Scan# 678  
Delta R.T. 0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2644025

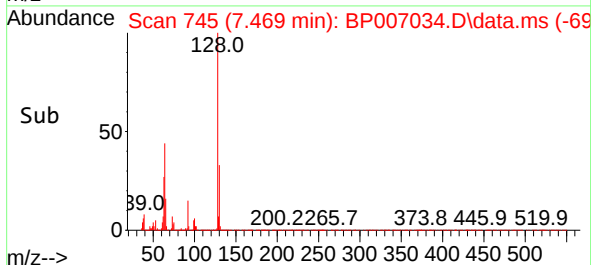
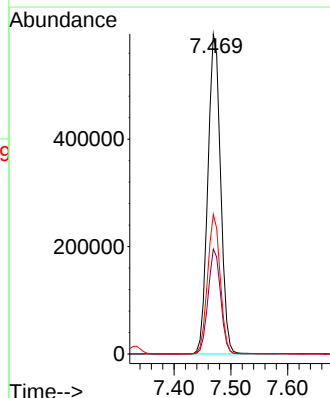
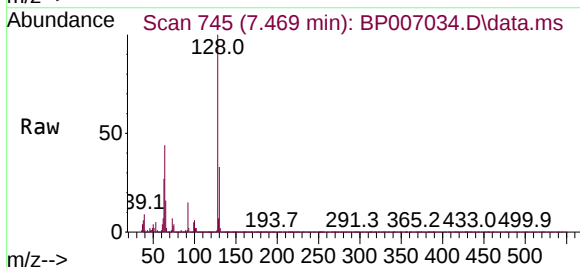
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
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| 71  | 29.6  | 30.6  | 46.0  |

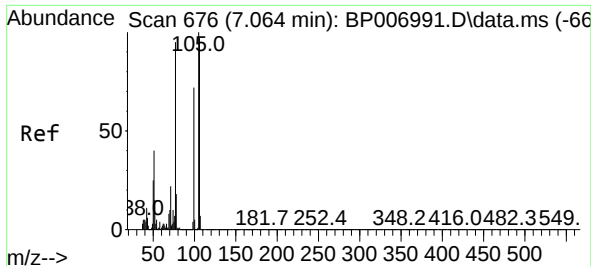


#8  
2-Chlorophenol  
Concen: 45.662 ng  
RT: 7.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 128 Resp: 923602

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.4  | 52.4  |
| 64  | 43.7  | 20.3  | 60.3  |

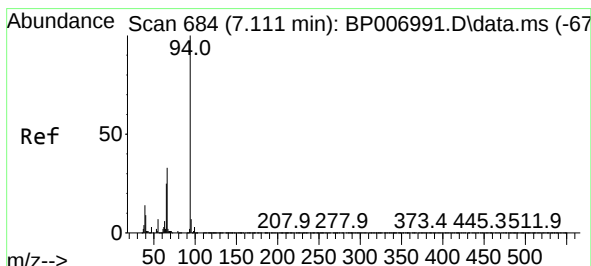
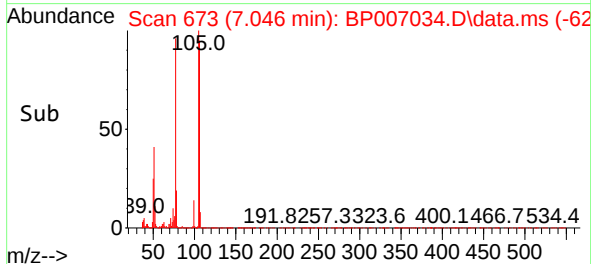
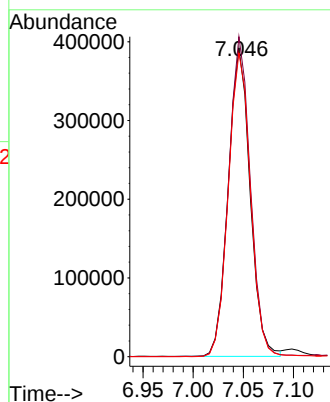
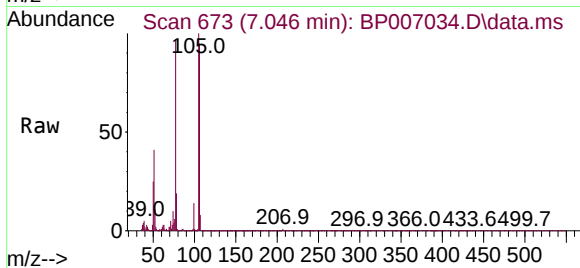




#9  
Benzaldehyde  
Concen: 54.296 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

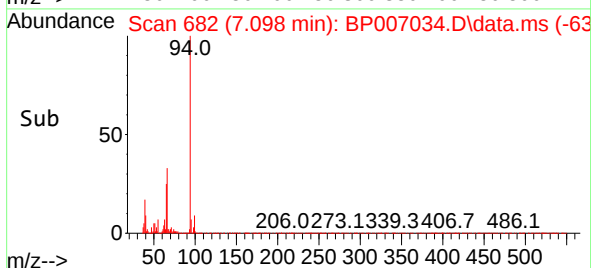
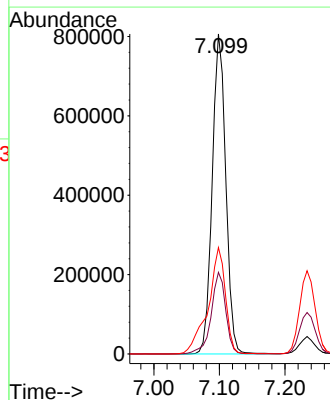
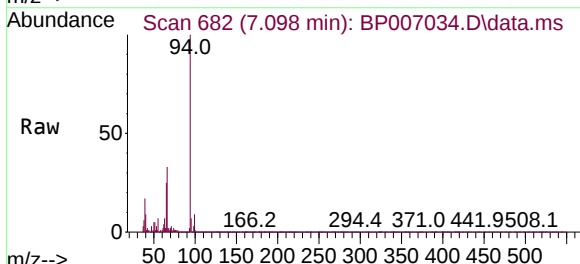
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

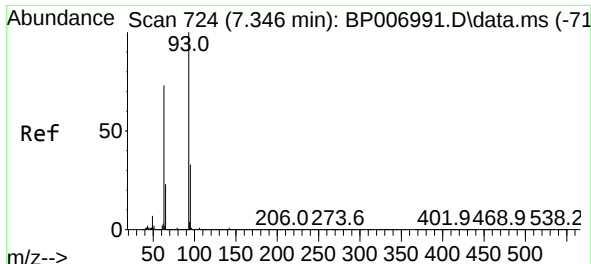
Tgt Ion: 77 Resp: 596482  
Ion Ratio Lower Upper  
77 100  
105 103.6 76.7 116.7  
106 98.4 76.2 116.2



#10  
Phenol  
Concen: 46.681 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 94 Resp: 1159125  
Ion Ratio Lower Upper  
94 100  
65 25.5 8.8 48.8  
66 33.3 20.7 60.7

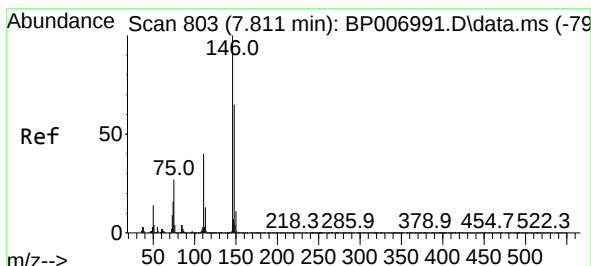
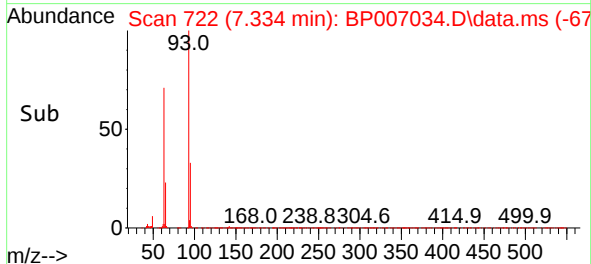
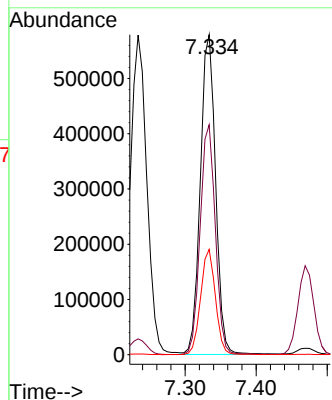
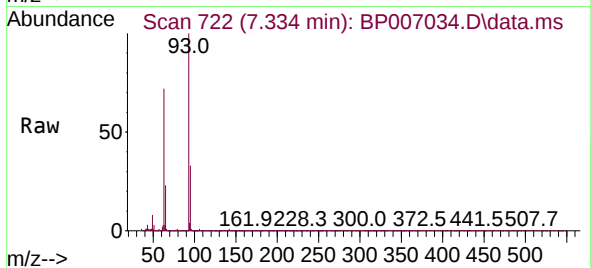




#11  
bis(2-Chloroethyl)ether  
Concen: 45.322 ng  
RT: 7.334 min Scan# 722  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

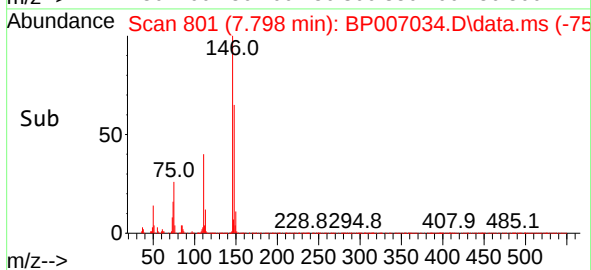
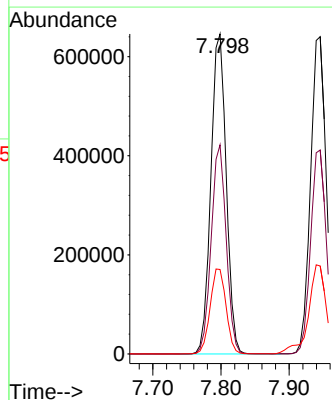
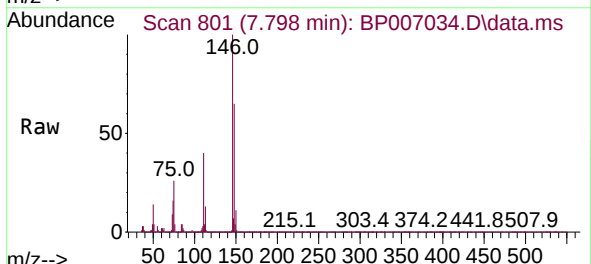
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

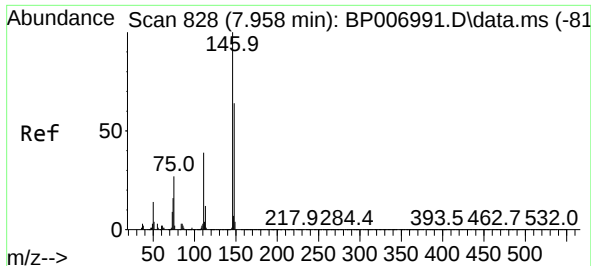
Tgt Ion: 93 Resp: 867451  
Ion Ratio Lower Upper  
93 100  
63 71.8 46.2 86.2  
95 32.9 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 44.614 ng  
RT: 7.798 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:146 Resp: 1011089  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.5 77.3  
75 26.4 25.7 38.5

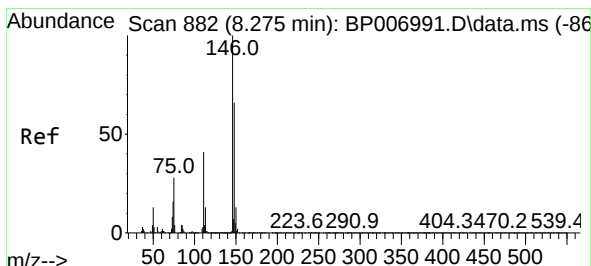
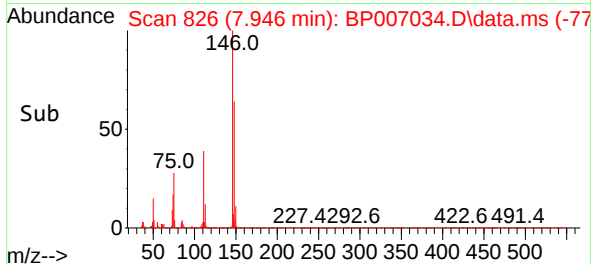
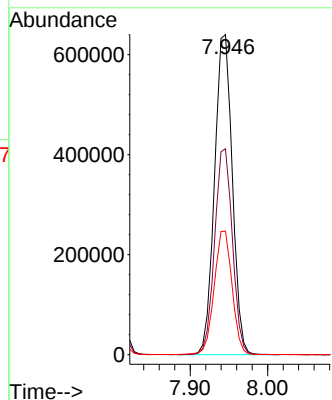
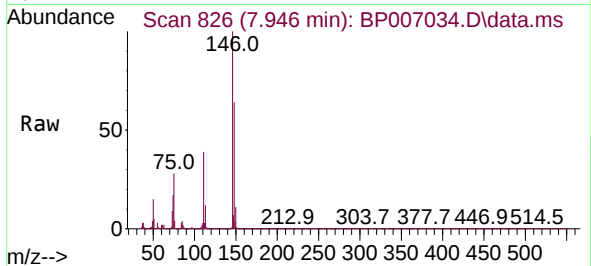




#13  
1,4-Dichlorobenzene  
Concen: 44.369 ng  
RT: 7.946 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

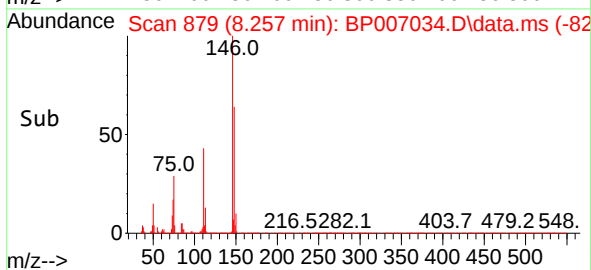
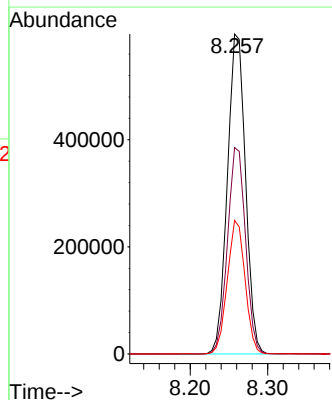
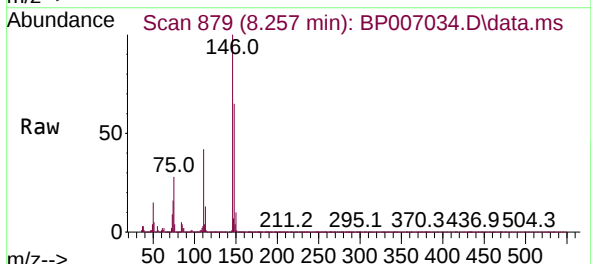
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

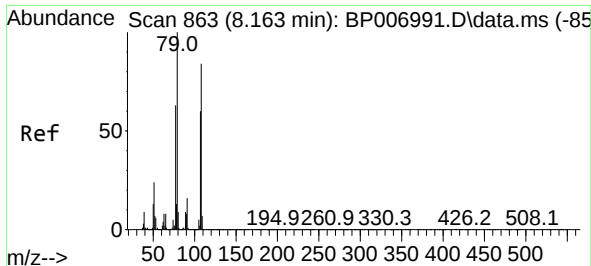
Tgt Ion:146 Resp: 1019494  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
111 38.6 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 44.266 ng  
RT: 8.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:146 Resp: 973971  
Ion Ratio Lower Upper  
146 100  
148 64.5 50.3 75.5  
111 41.7 33.7 50.5

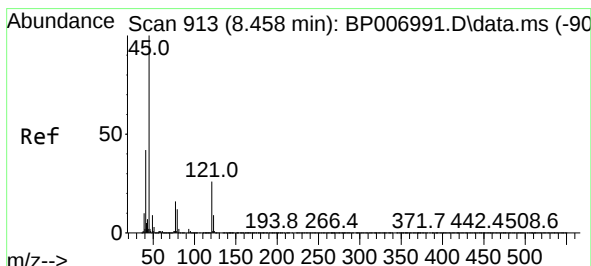
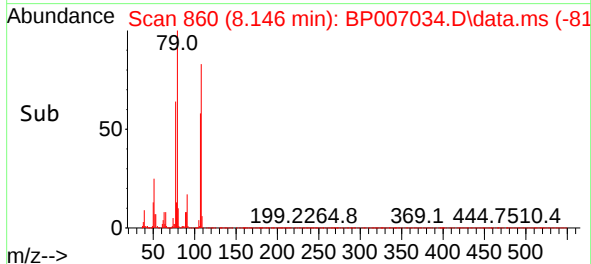
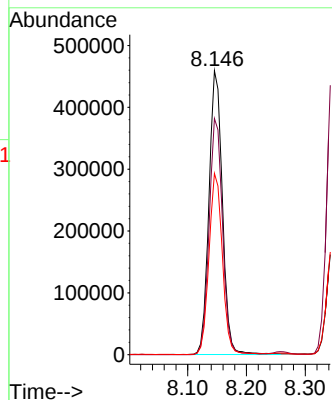
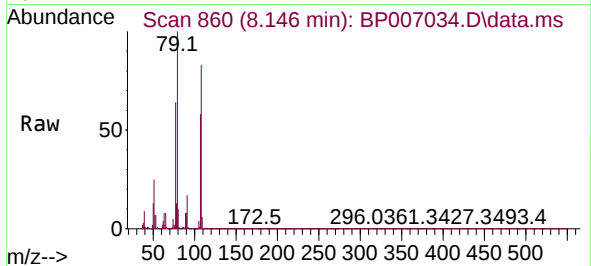




#15  
Benzyl Alcohol  
Concen: 45.760 ng  
RT: 8.146 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

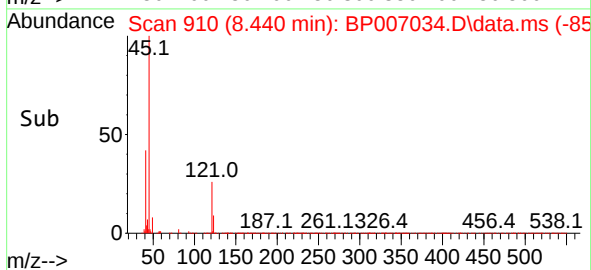
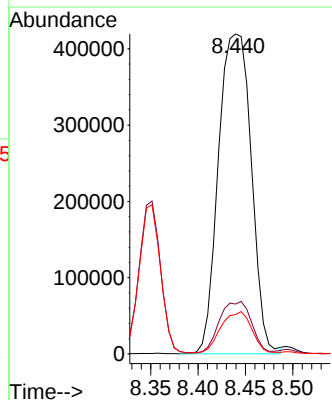
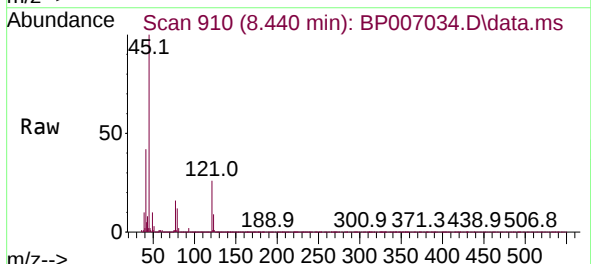
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

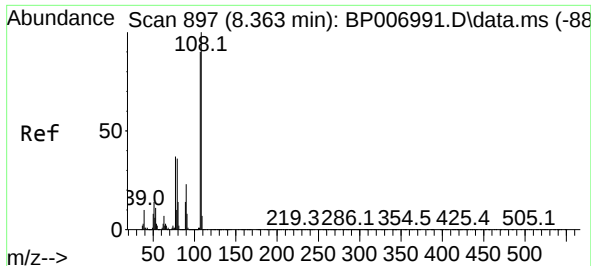
Tgt Ion: 79 Resp: 726983  
Ion Ratio Lower Upper  
79 100  
108 83.1 62.5 93.7  
77 63.8 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.198 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 45 Resp: 1011326  
Ion Ratio Lower Upper  
45 100  
77 15.6 2.0 42.0  
79 12.3 0.0 36.7





#17

2-Methylphenol

Concen: 46.754 ng

RT: 8.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BP007034.D

Acq: 17 Sep 2021 19:37

Instrument :

BNA\_P

ClientSampleId :

NAPL-05-(29-31)MS

Tgt Ion:107 Resp: 745730

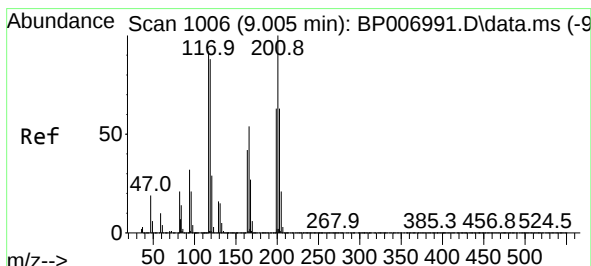
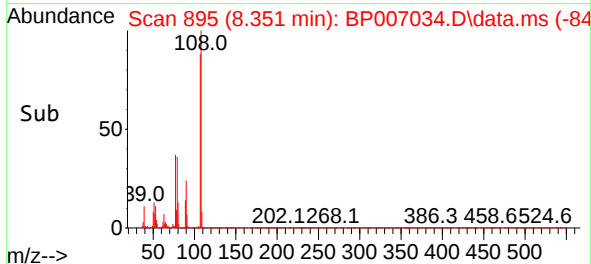
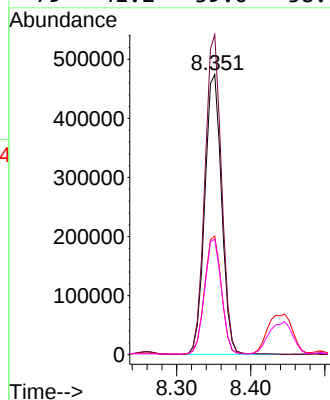
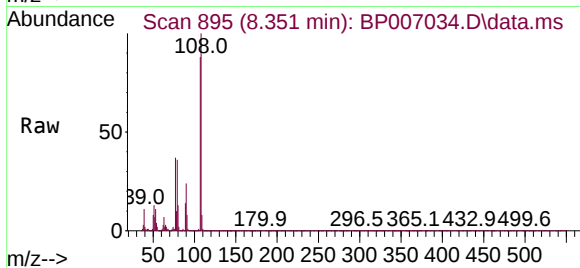
Ion Ratio Lower Upper

107 100

108 114.2 87.7 131.5

77 42.3 40.2 60.2

79 41.2 39.0 58.4



#18

Hexachloroethane

Concen: 45.409 ng

RT: 8.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BP007034.D

Acq: 17 Sep 2021 19:37

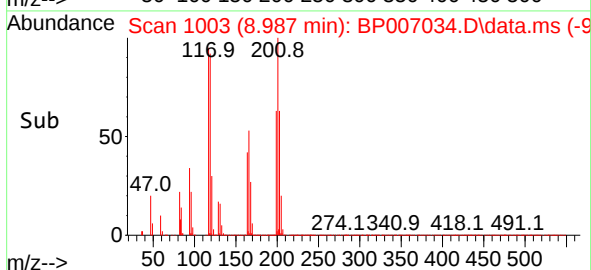
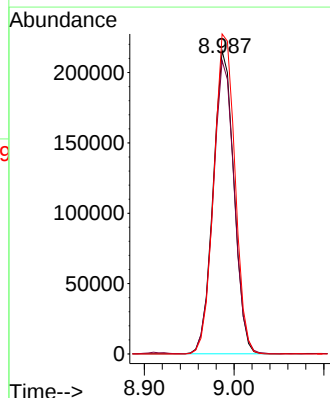
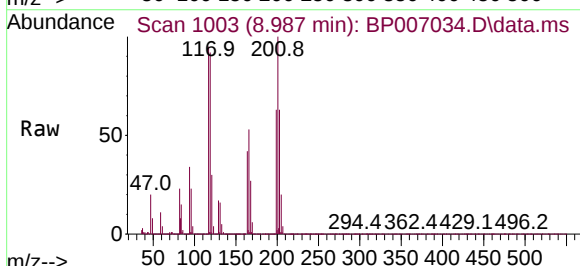
Tgt Ion:117 Resp: 346523

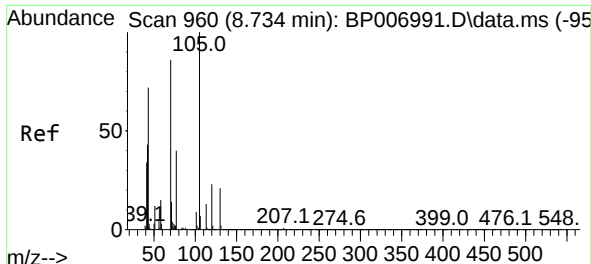
Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.2

201 105.5 83.4 125.0

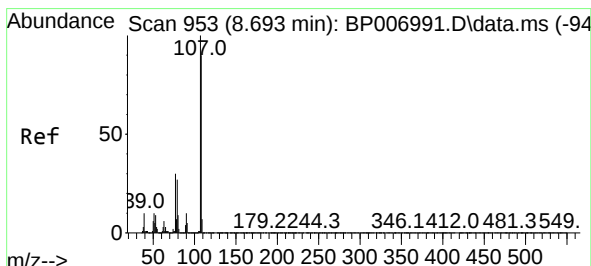
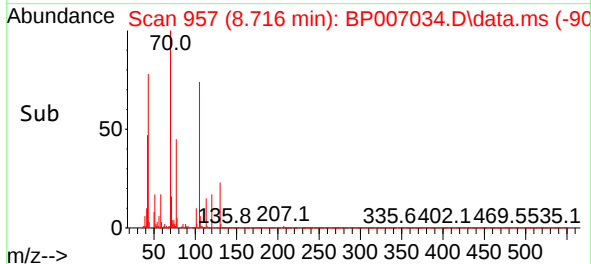
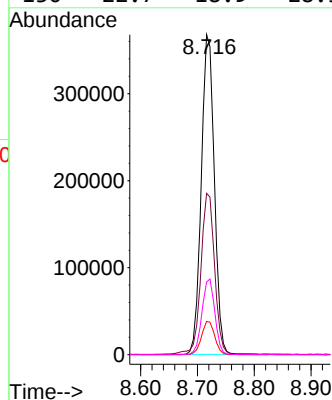
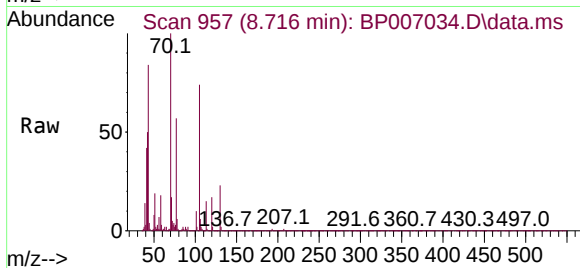




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.369 ng  
RT: 8.716 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

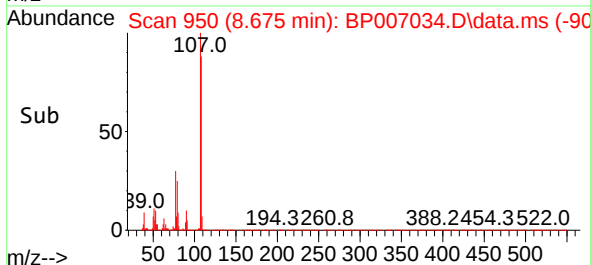
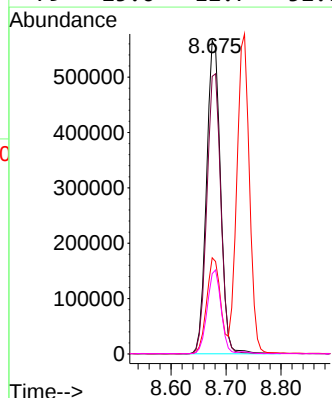
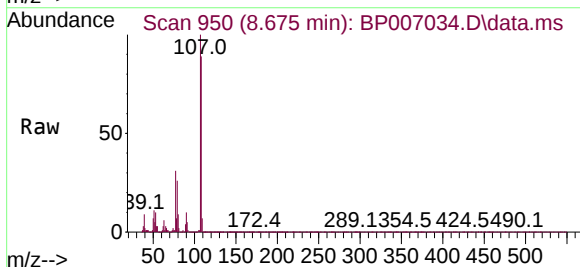
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

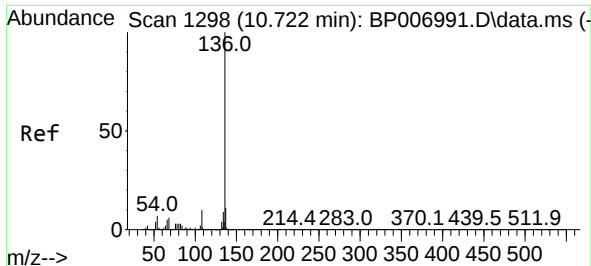
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 586496 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.4  | 40.8  | 61.2   |
| 101      | 10.4  | 8.8   | 13.2   |
| 130      | 22.7  | 18.9  | 28.3   |



#20  
3+4-Methylphenols  
Concen: 46.475 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1003341 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 88.6  | 71.0  | 111.0   |
| 77       | 30.7  | 16.6  | 56.6    |
| 79       | 25.6  | 12.7  | 52.7    |

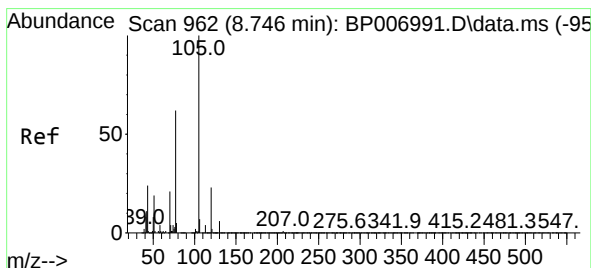
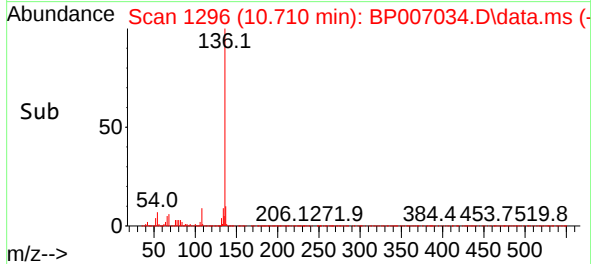
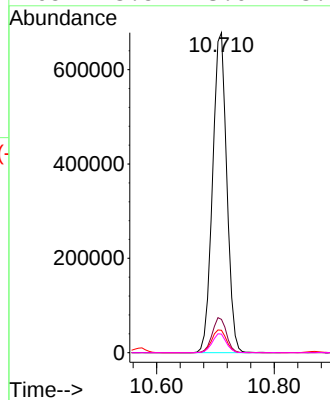
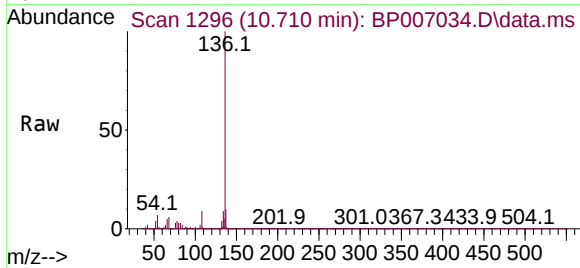




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

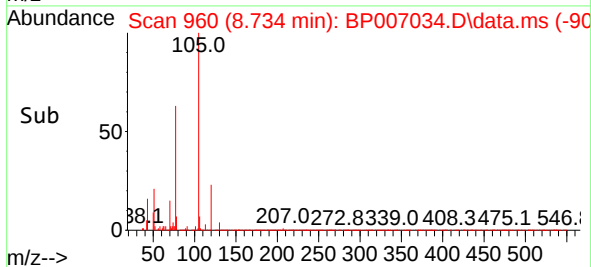
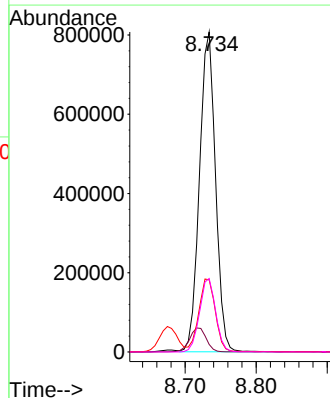
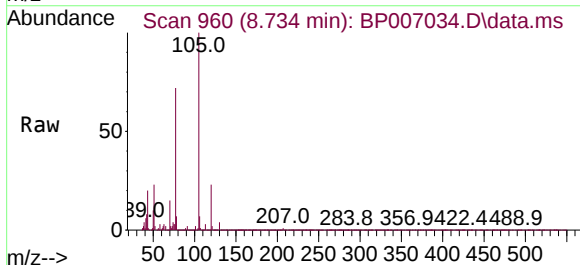
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

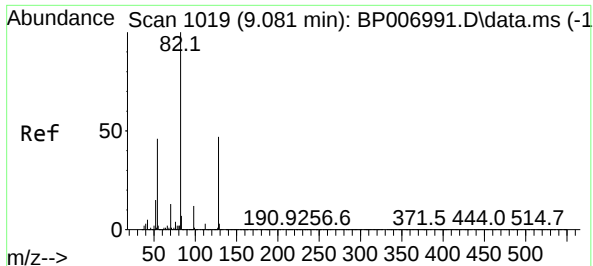
Tgt Ion:136 Resp: 1133029  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 12.8  
54 7.0 4.6 6.8#  
68 5.8 3.6 5.4#



#22  
Acetophenone  
Concen: 44.368 ng  
RT: 8.734 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:105 Resp: 1267869  
Ion Ratio Lower Upper  
105 100  
71 2.4 1.9 2.9  
51 22.5 18.4 27.6  
120 22.9 17.9 26.9



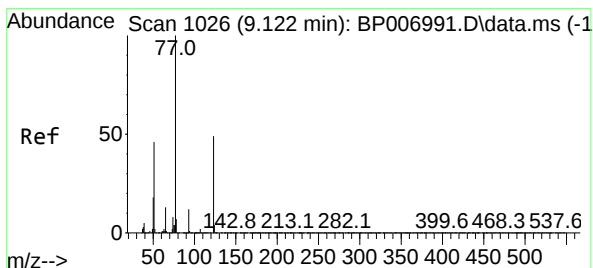
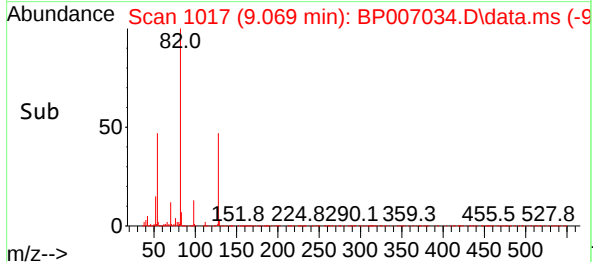
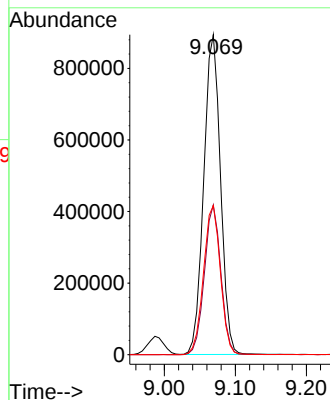
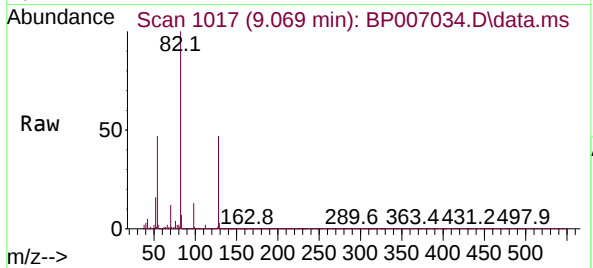


#23  
Nitrobenzene-d5  
Concen: 72.810 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

Tgt Ion: 82 Resp: 1468813

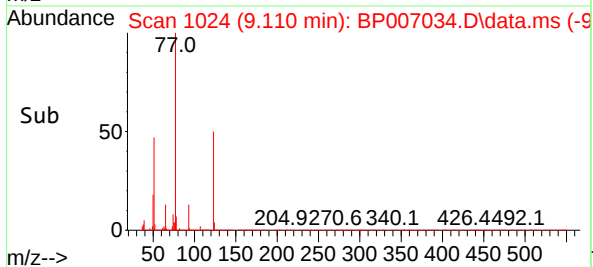
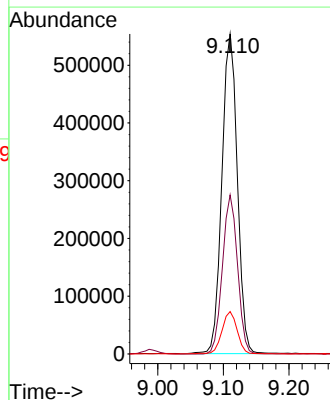
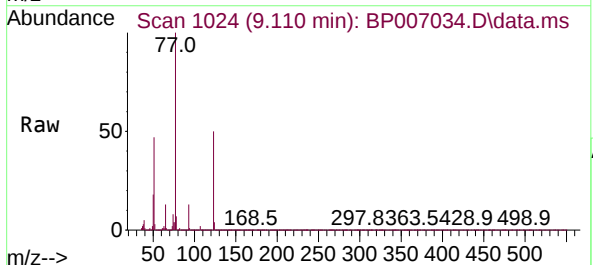
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.8  | 35.7  | 53.5  |
| 54  | 46.6  | 35.0  | 52.4  |

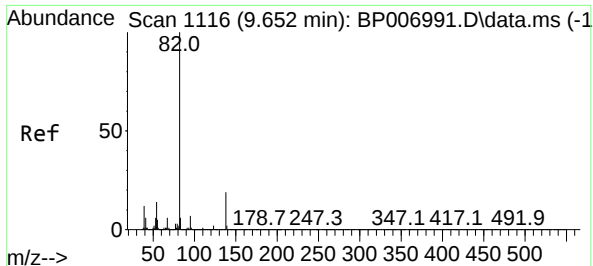


#24  
Nitrobenzene  
Concen: 42.938 ng  
RT: 9.110 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 77 Resp: 903670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.7  | 38.2  | 57.2  |
| 65  | 13.3  | 11.4  | 17.2  |

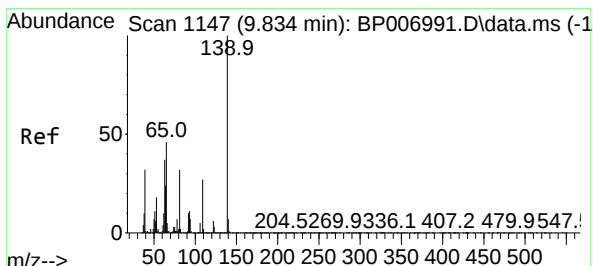
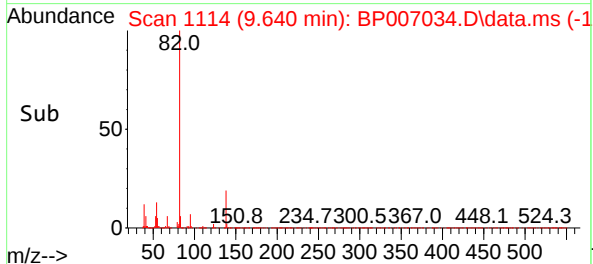
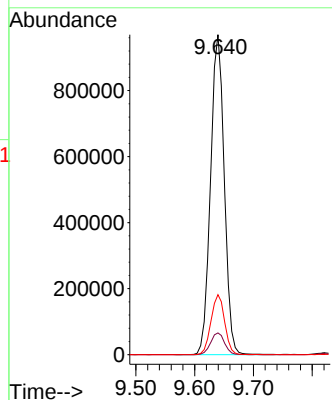
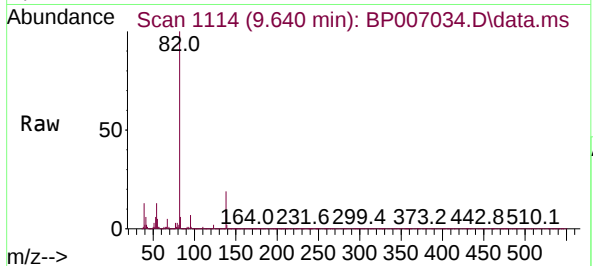




#25  
Isophorone  
Concen: 42.179 ng  
RT: 9.640 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

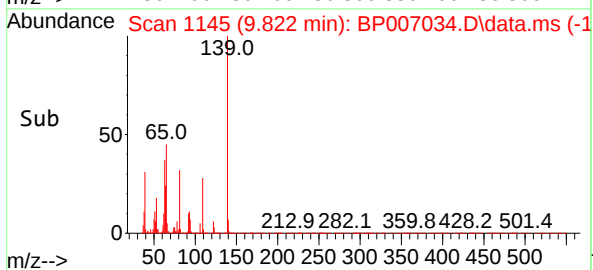
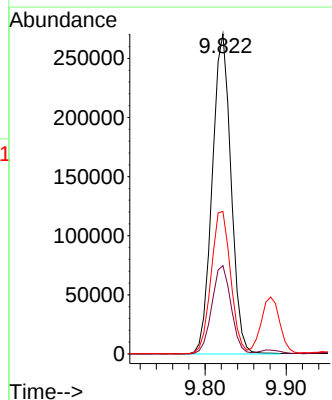
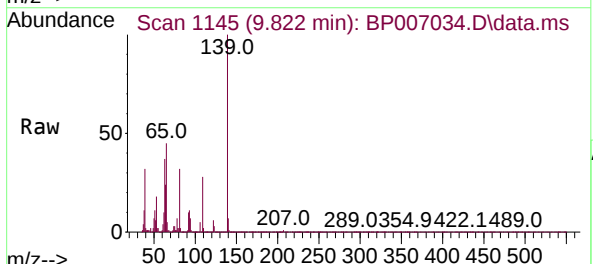
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

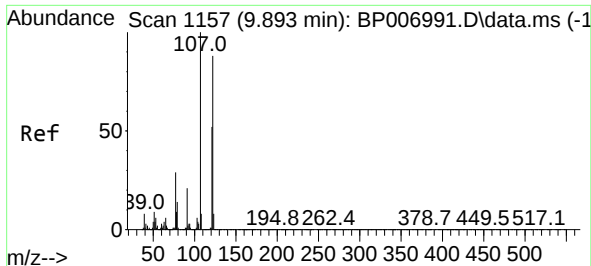
Tgt Ion: 82 Resp: 1572890  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.5 9.7  
138 18.8 15.0 22.4



#26  
2-Nitrophenol  
Concen: 47.709 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 139 Resp: 435327  
Ion Ratio Lower Upper  
139 100  
109 27.6 28.8 43.2#  
65 44.6 41.0 61.6

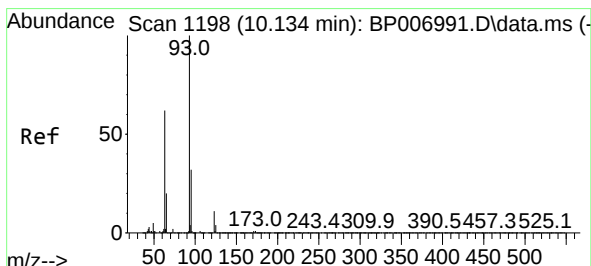
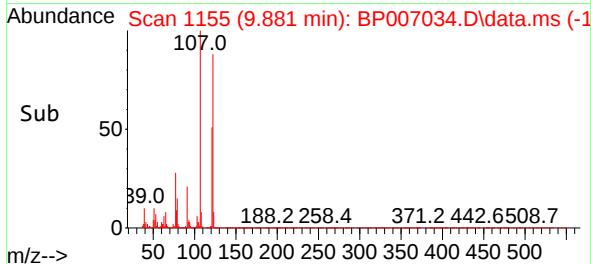
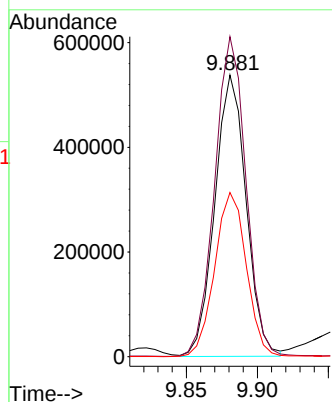
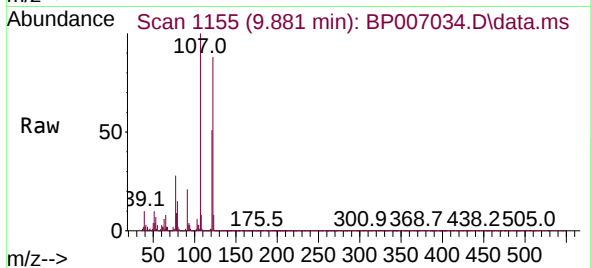




#27  
2,4-Dimethylphenol  
Concen: 51.418 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

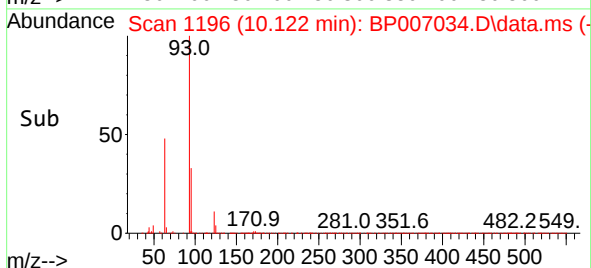
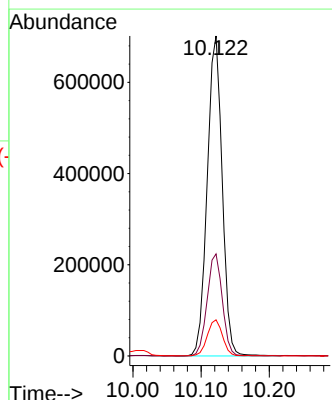
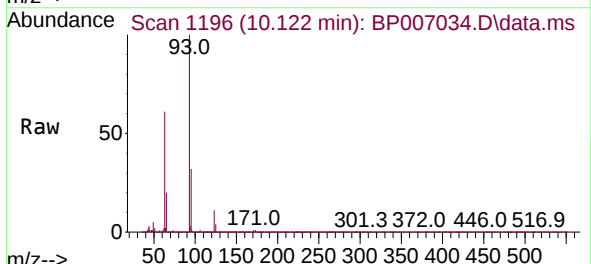
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

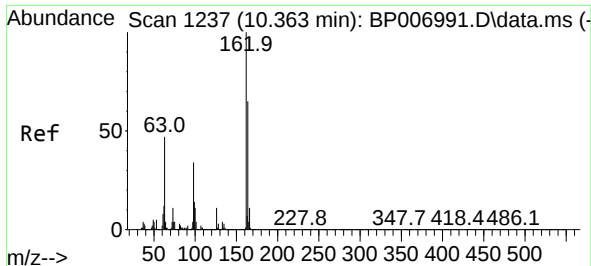
Tgt Ion:122 Resp: 825594  
Ion Ratio Lower Upper  
122 100  
107 113.6 94.5 141.7  
121 58.3 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.363 ng  
RT: 10.122 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 93 Resp: 1071630  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.9 38.9  
123 11.3 10.2 15.2

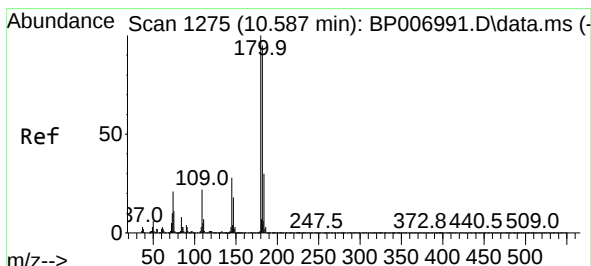
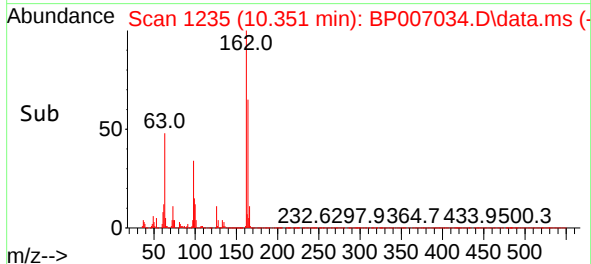
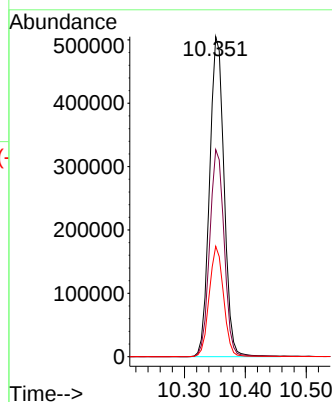
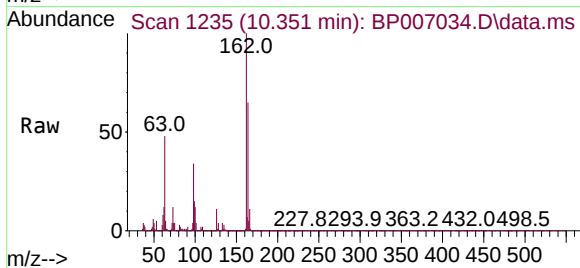




#29  
2,4-Dichlorophenol  
Concen: 45.578 ng  
RT: 10.351 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

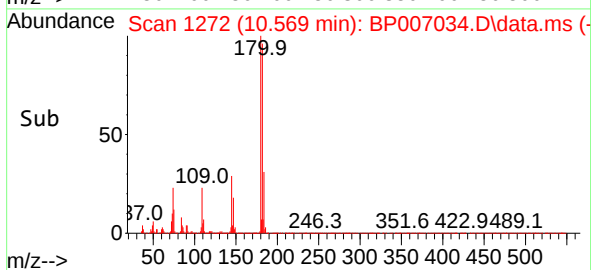
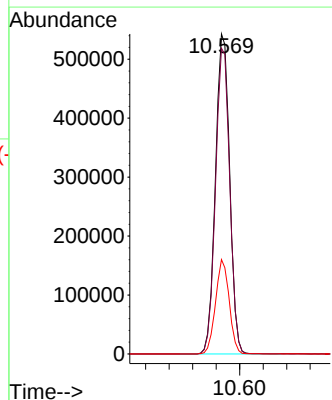
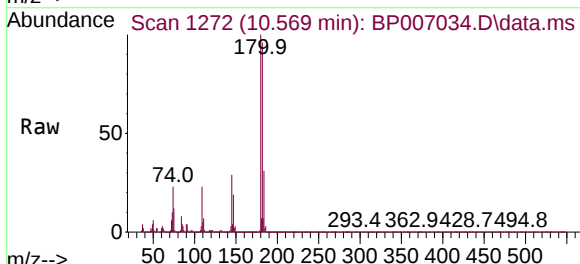
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

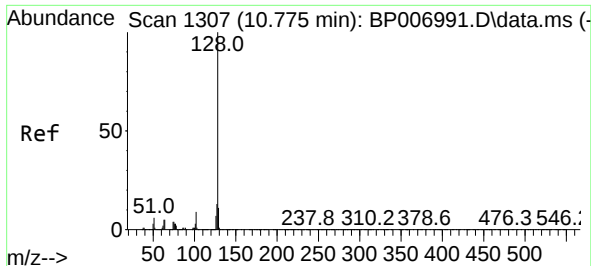
Tgt Ion:162 Resp: 836079  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.9 84.9  
98 34.5 14.3 54.3



#30  
1,2,4-Trichlorobenzene  
Concen: 43.693 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:180 Resp: 911389  
Ion Ratio Lower Upper  
180 100  
182 95.5 77.9 116.9  
145 29.5 24.7 37.1

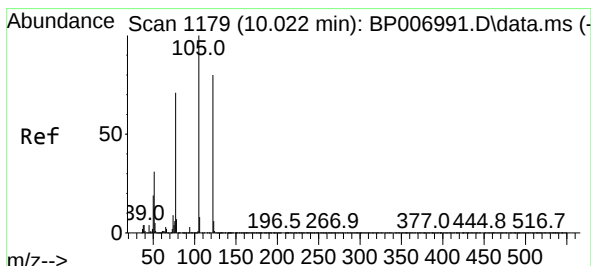
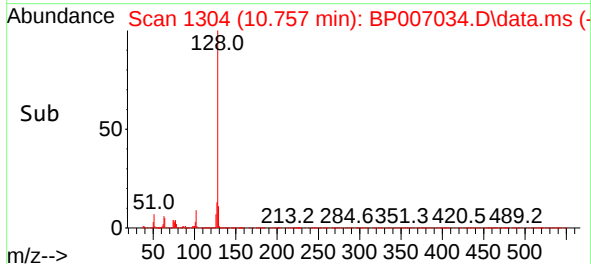
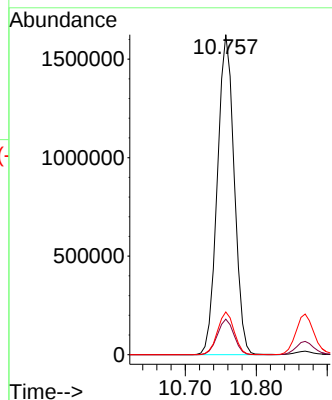
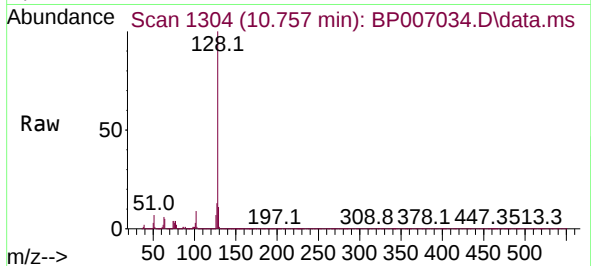




#31  
Naphthalene  
Concen: 42.467 ng  
RT: 10.757 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

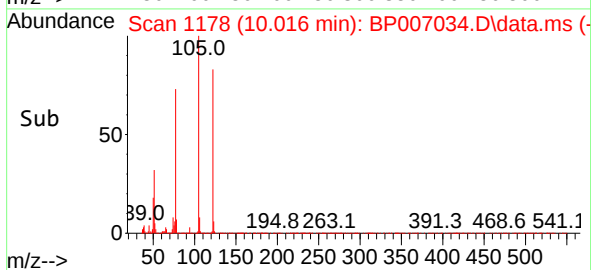
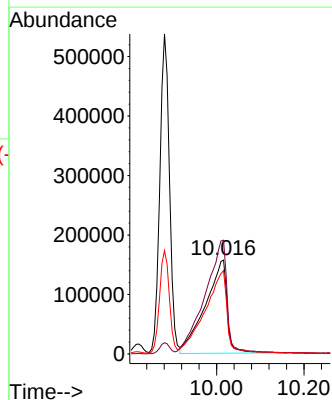
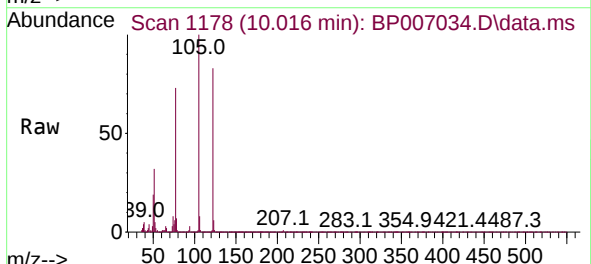
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

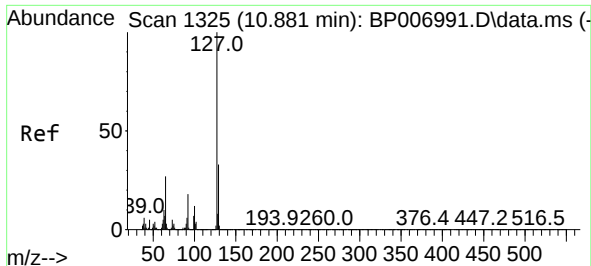
Tgt Ion:128 Resp: 2666099  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 45.833 ng  
RT: 10.016 min Scan# 1178  
Delta R.T. 0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:122 Resp: 544109  
Ion Ratio Lower Upper  
122 100  
105 121.0 103.2 143.2  
77 88.7 76.2 116.2

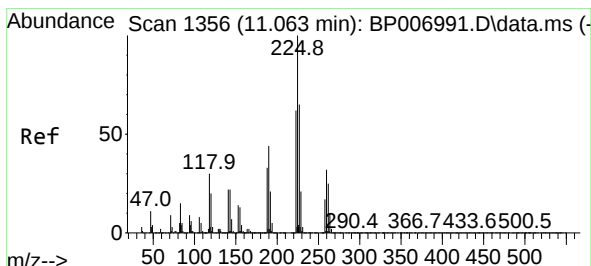
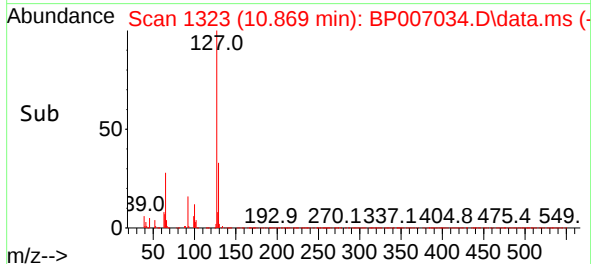
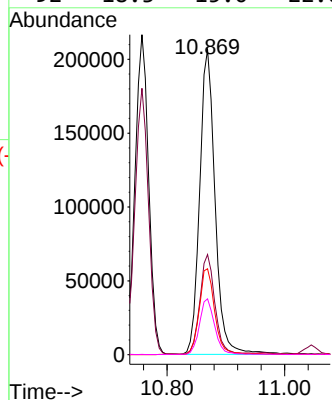
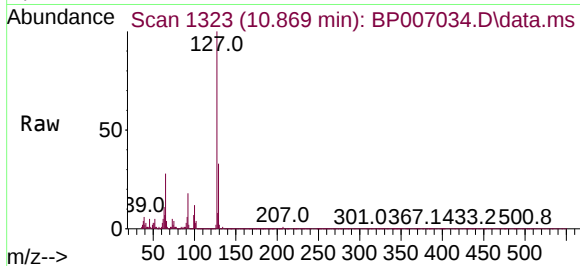




#33  
4-Chloroaniline  
Concen: 15.407 ng  
RT: 10.869 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

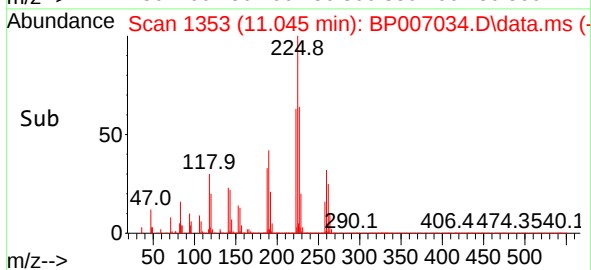
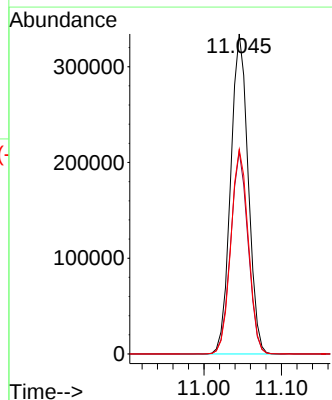
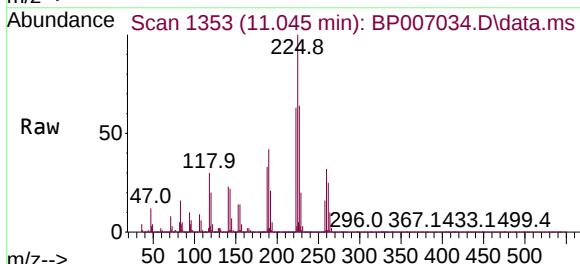
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

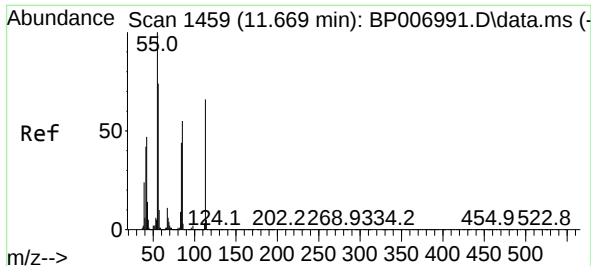
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 375561 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.1  | 39.1   |
| 65       | 28.1  | 22.5  | 33.7   |
| 92       | 18.3  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 42.773 ng  
RT: 11.045 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 525423 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 51.0  | 76.6   |
| 227      | 63.9  | 51.4  | 77.2   |

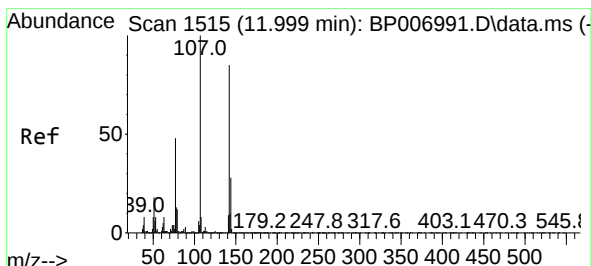
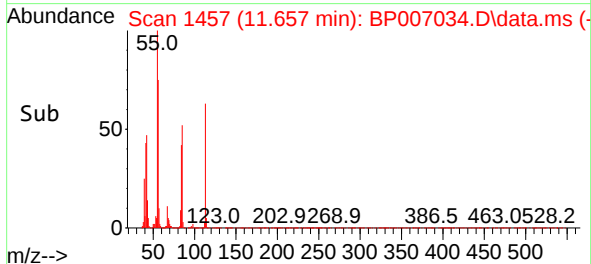
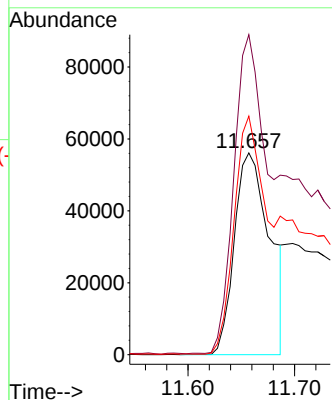
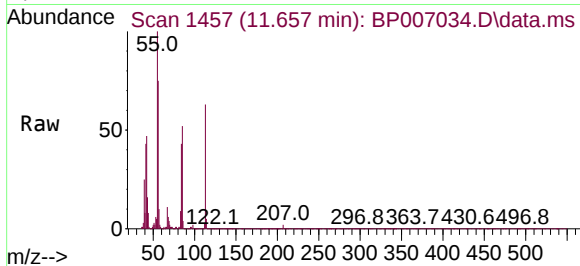




#35  
Caprolactam  
Concen: 25.571 ng  
RT: 11.657 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

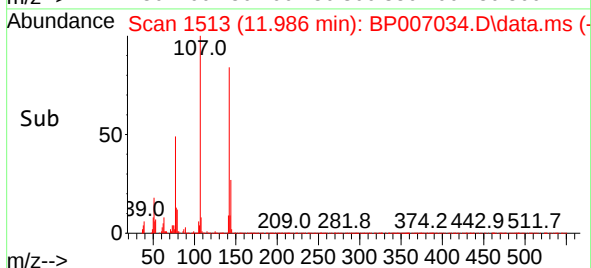
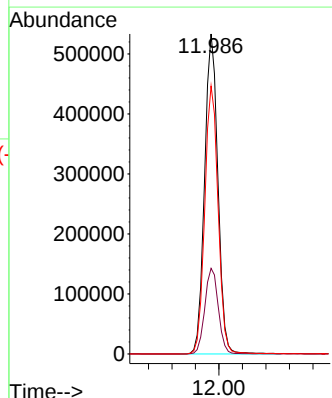
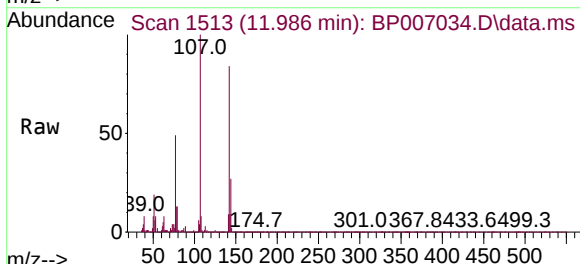
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

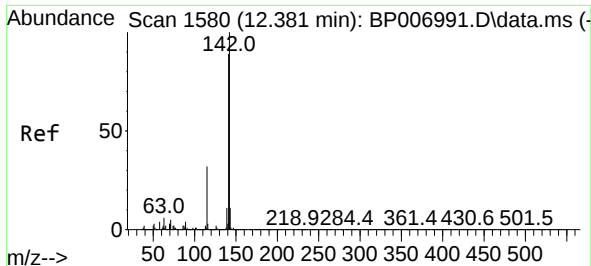
Tgt Ion:113 Resp: 129074  
Ion Ratio Lower Upper  
113 100  
55 158.6 98.9 138.9#  
56 118.2 71.7 111.7#



#36  
4-Chloro-3-methylphenol  
Concen: 45.364 ng  
RT: 11.986 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:107 Resp: 839457  
Ion Ratio Lower Upper  
107 100  
144 26.7 21.1 31.7  
142 83.8 66.0 99.0

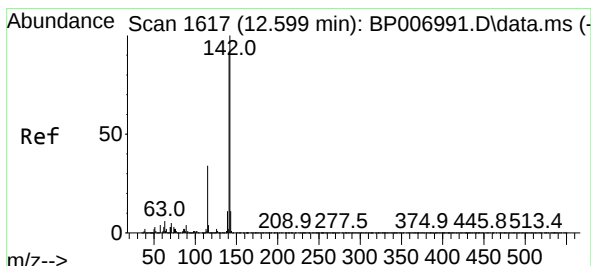
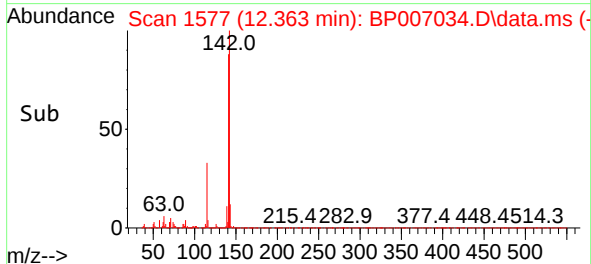
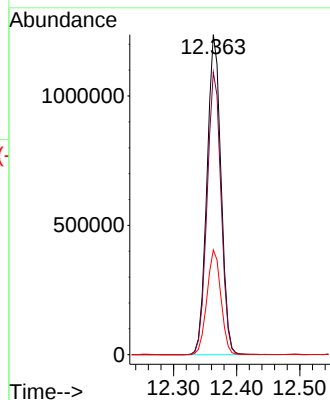
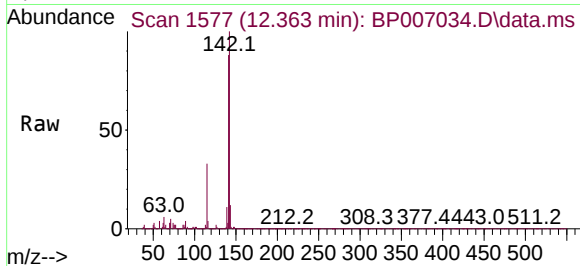




#37  
2-Methylnaphthalene  
Concen: 42.847 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

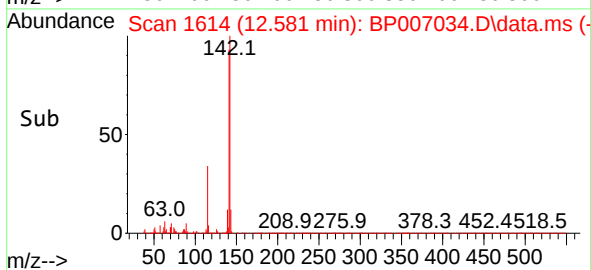
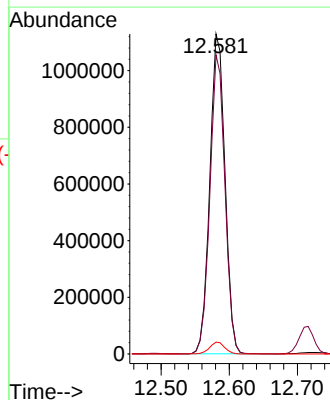
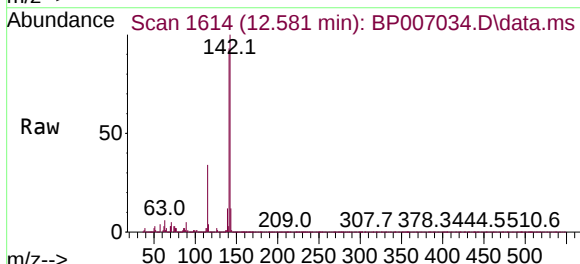
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

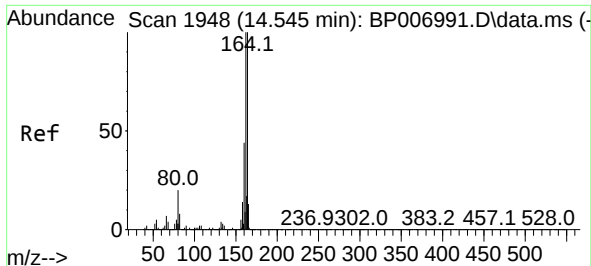
Tgt Ion:142 Resp: 1907035  
Ion Ratio Lower Upper  
142 100  
141 88.2 71.8 107.6  
115 32.7 31.6 47.4



#38  
1-Methylnaphthalene  
Concen: 41.693 ng  
RT: 12.581 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:142 Resp: 1752233  
Ion Ratio Lower Upper  
142 100  
141 93.5 73.3 109.9  
116 3.7 3.5 5.3

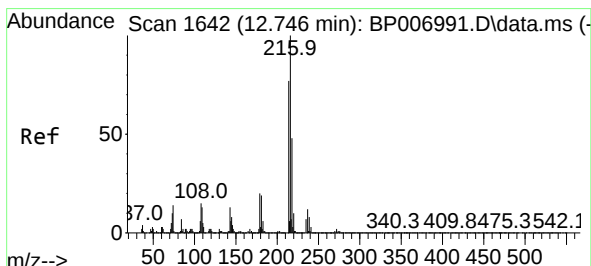
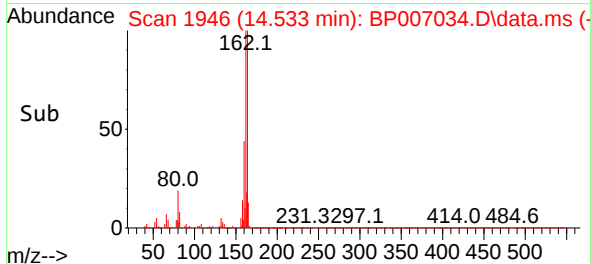
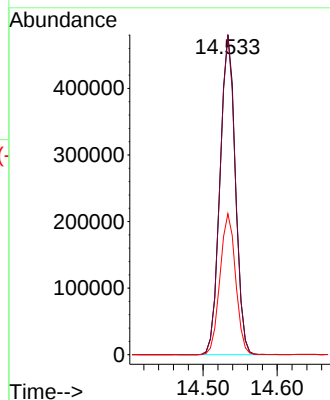
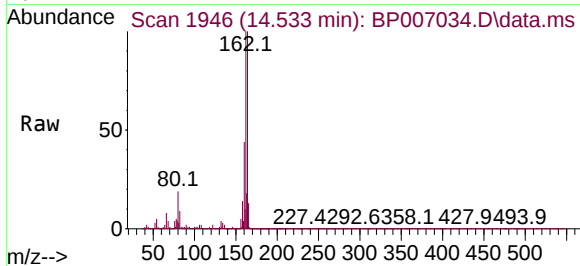




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.533 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

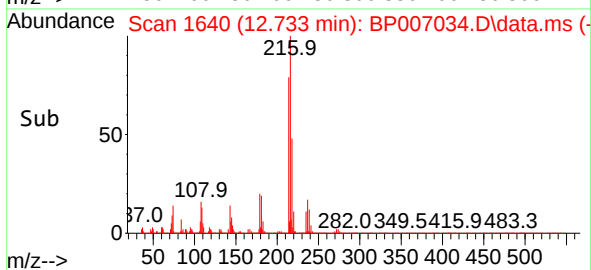
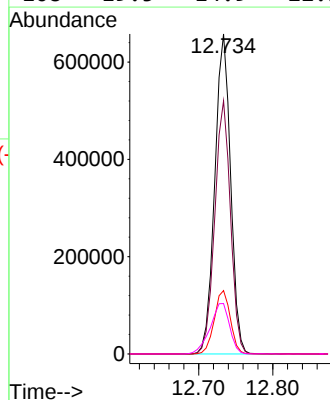
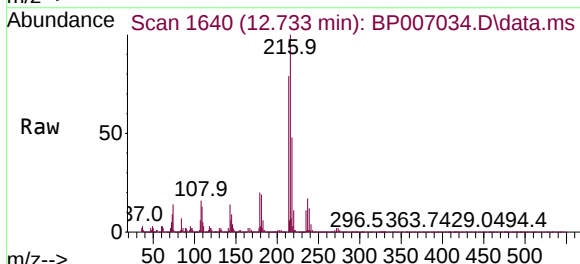
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

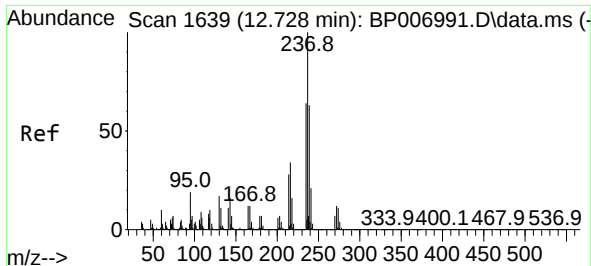
Tgt Ion:164 Resp: 691805  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.2 120.2  
160 44.1 34.5 51.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.155 ng  
RT: 12.733 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:216 Resp: 972099  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.9 92.9  
179 20.1 16.8 25.2  
108 19.5 14.9 22.3

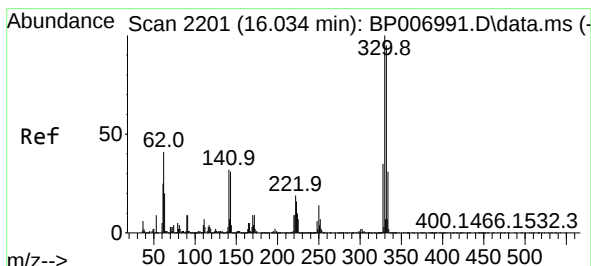
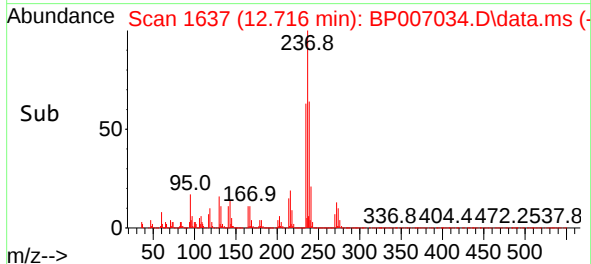
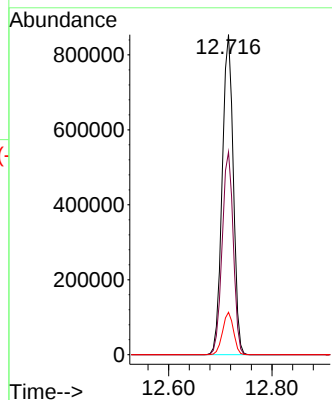
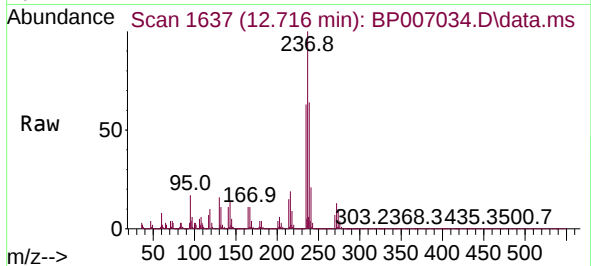




#41  
Hexachlorocyclopentadiene  
Concen: 116.104 ng  
RT: 12.716 min Scan# 1637  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

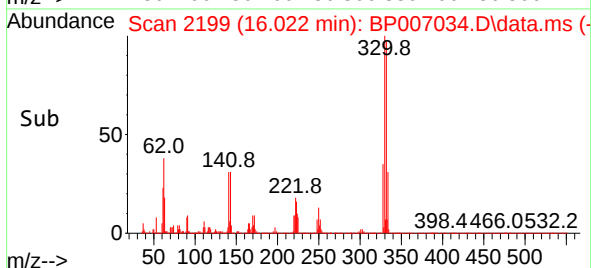
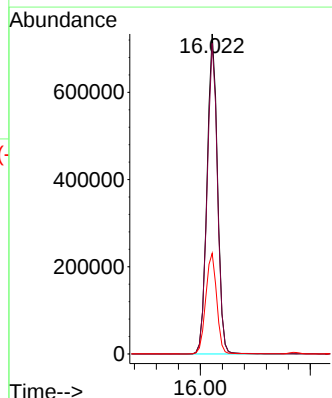
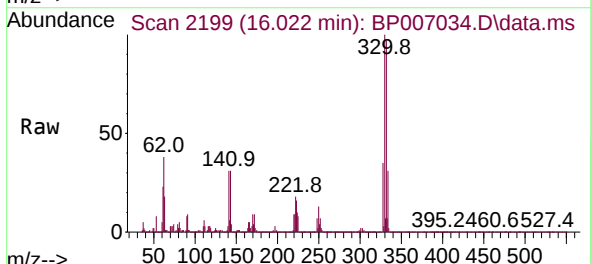
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

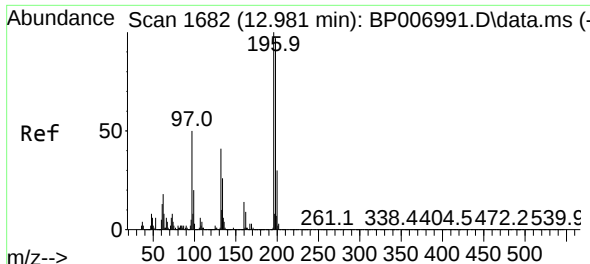
|             |               |       |       |
|-------------|---------------|-------|-------|
| Tgt Ion:237 | Resp: 1269735 |       |       |
| Ion         | Ratio         | Lower | Upper |
| 237         | 100           |       |       |
| 235         | 63.4          | 44.5  | 84.5  |
| 272         | 13.3          | 0.0   | 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 115.856 ng  
RT: 16.022 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

|             |              |
|-------------|--------------|
| Tgt Ion:330 | Resp: 963895 |
| Ion Ratio   | Lower Upper  |
| 330 100     |              |
| 332 96.6    | 77.8 116.8   |
| 141 32.9    | 25.4 38.2    |

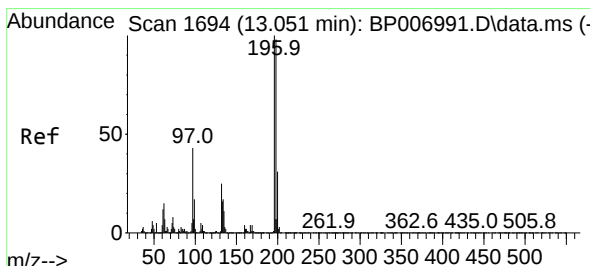
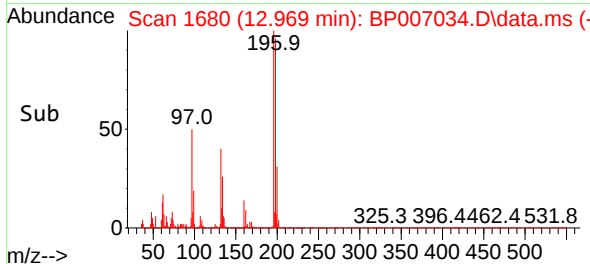
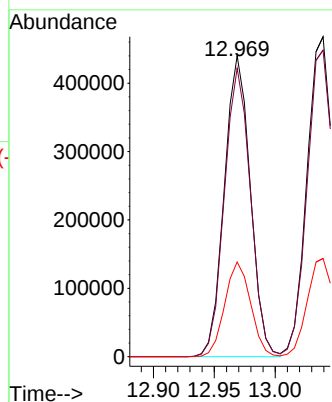
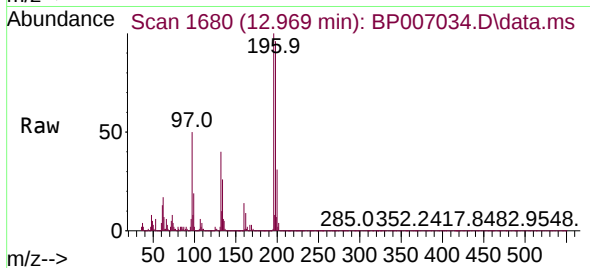




#43  
2,4,6-Trichlorophenol  
Concen: 46.043 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

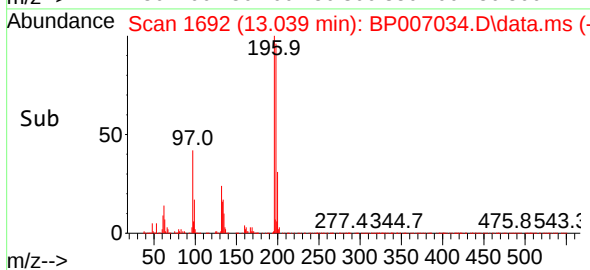
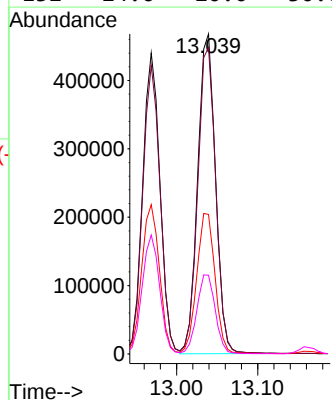
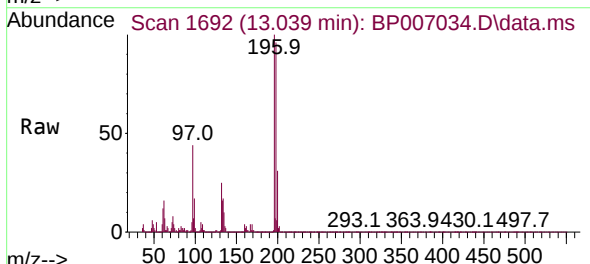
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

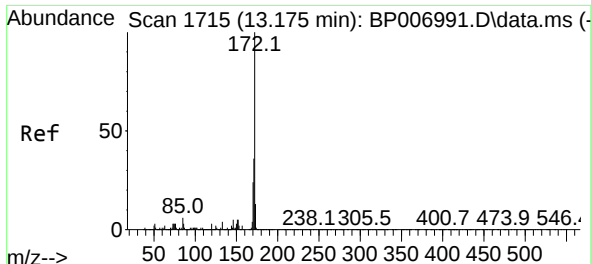
Tgt Ion:196 Resp: 655274  
Ion Ratio Lower Upper  
196 100  
198 95.8 79.5 119.3  
200 31.5 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.573 ng  
RT: 13.039 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:196 Resp: 714621  
Ion Ratio Lower Upper  
196 100  
198 95.8 74.7 112.1  
97 43.6 37.4 56.0  
132 24.6 20.0 30.0

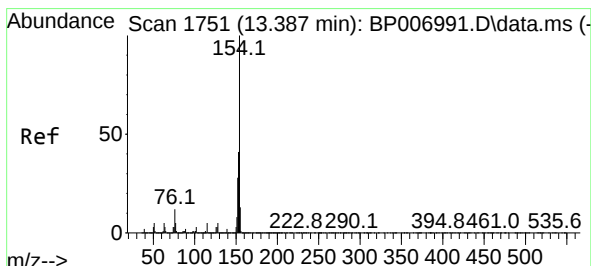
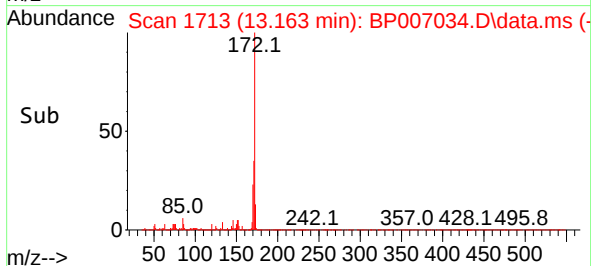
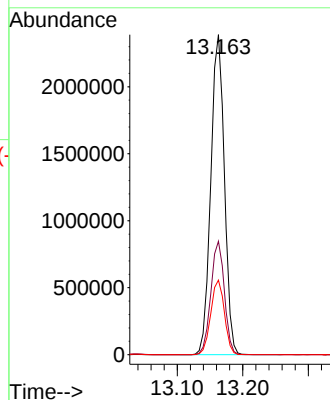
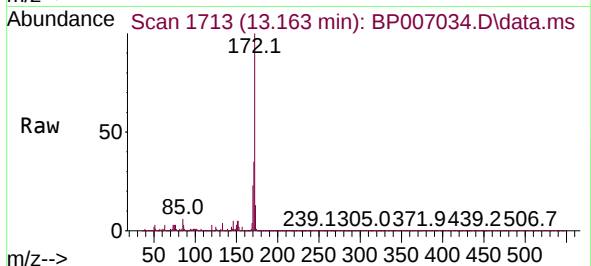




#45  
2-Fluorobiphenyl  
Concen: 68.737 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

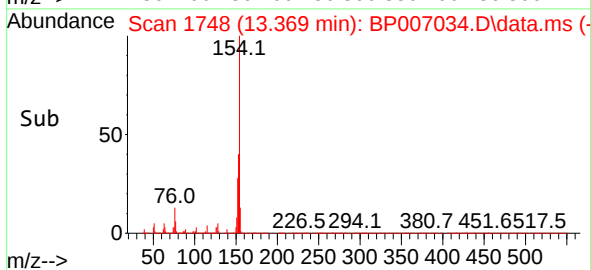
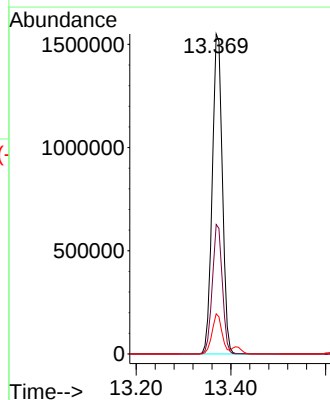
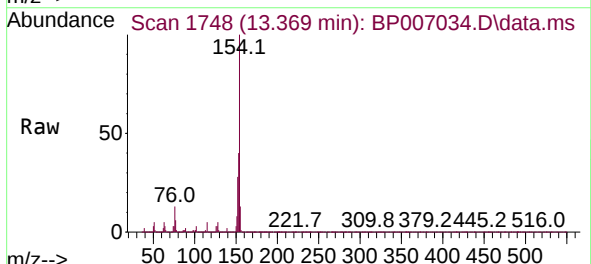
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

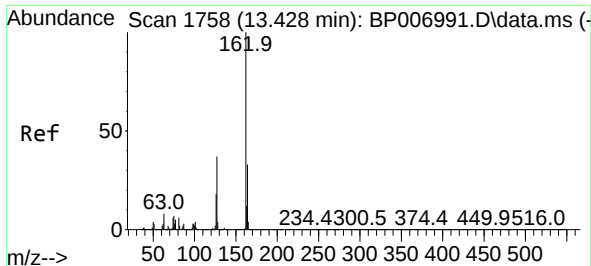
Tgt Ion:172 Resp: 3444578  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 23.3 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 42.513 ng  
RT: 13.369 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:154 Resp: 2294154  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.4 60.4  
76 12.6 0.0 30.8

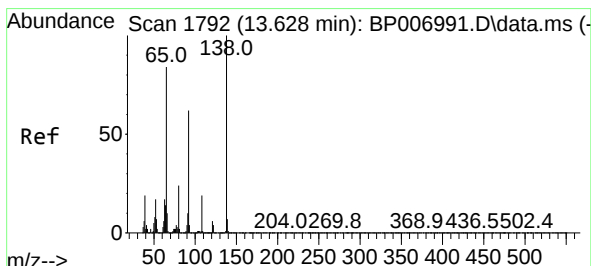
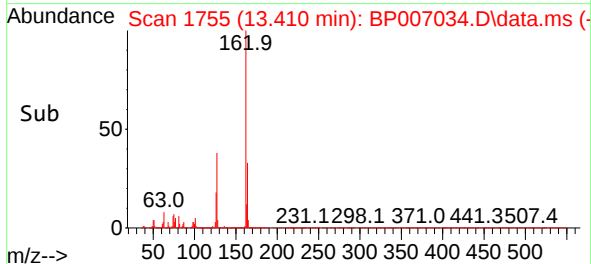
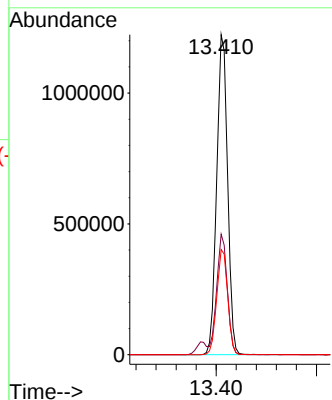
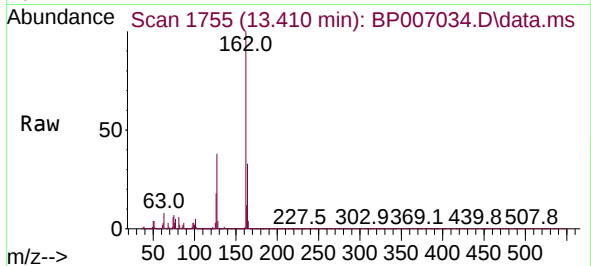




#47  
2-Chloronaphthalene  
Concen: 43.256 ng  
RT: 13.410 min Scan# 1755  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

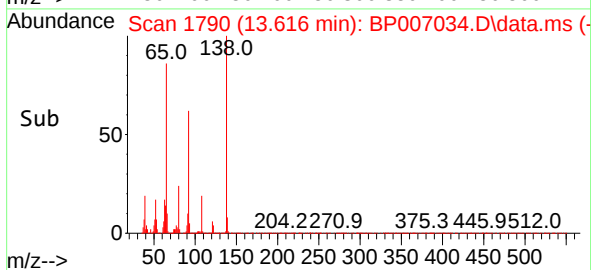
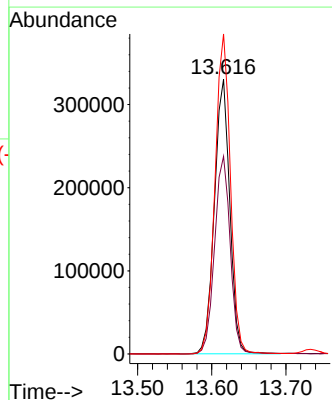
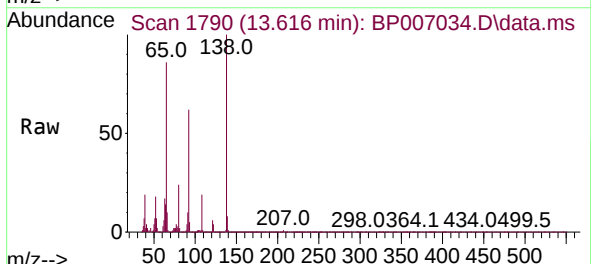
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

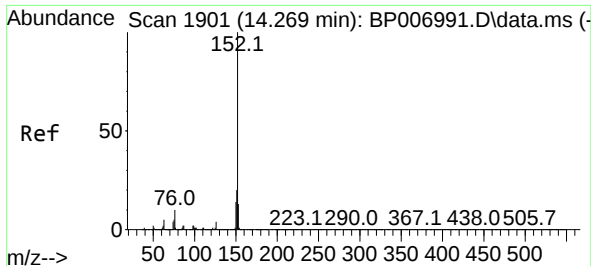
Tgt Ion:162 Resp: 1839168  
Ion Ratio Lower Upper  
162 100  
127 37.6 31.4 47.0  
164 32.8 26.6 39.8



#48  
2-Nitroaniline  
Concen: 48.956 ng  
RT: 13.616 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion: 65 Resp: 476947  
Ion Ratio Lower Upper  
65 100  
92 71.9 57.7 86.5  
138 116.5 92.1 138.1

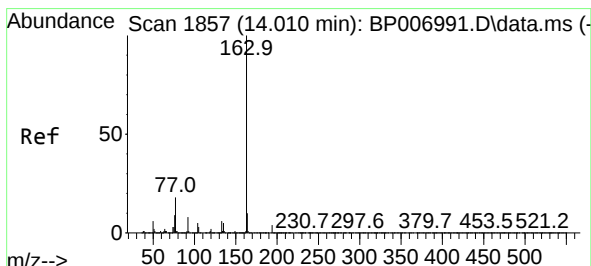
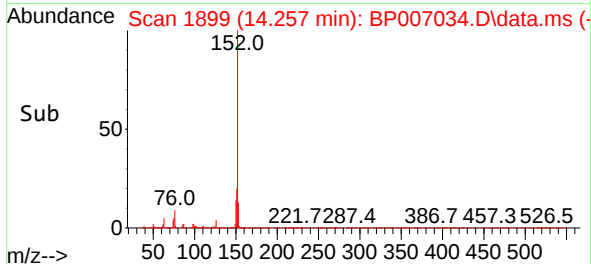
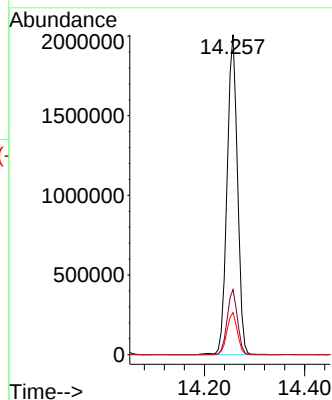
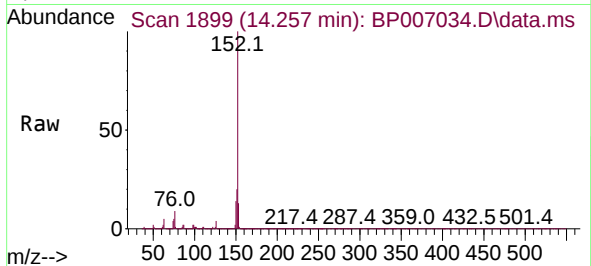




#49  
Acenaphthylene  
Concen: 45.019 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

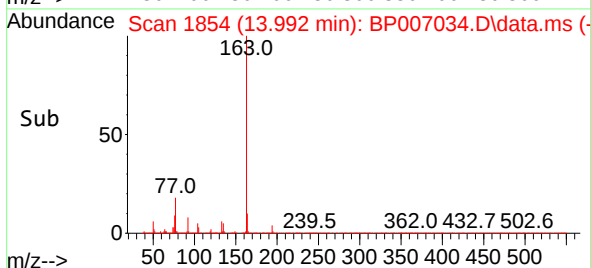
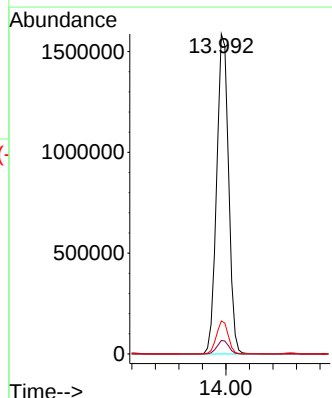
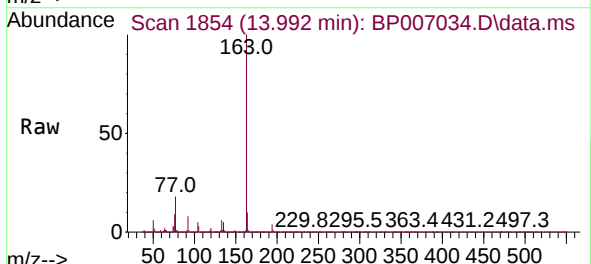
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

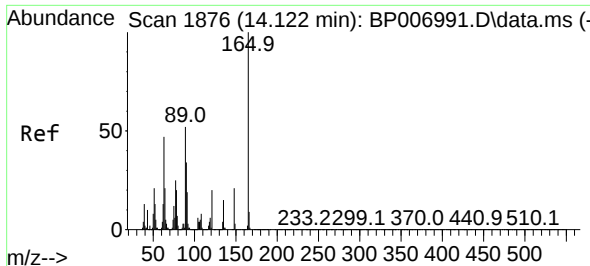
Tgt Ion:152 Resp: 2900601  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2  
153 13.2 10.6 16.0



#50  
Dimethylphthalate  
Concen: 44.159 ng  
RT: 13.992 min Scan# 1854  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:163 Resp: 2229744  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.3 8.2 12.2

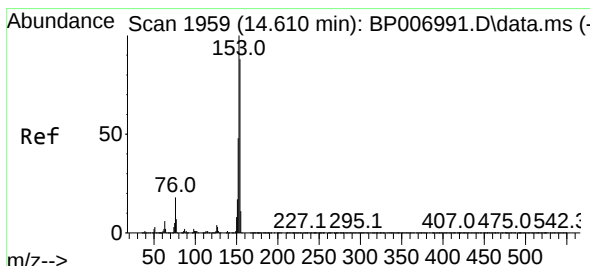
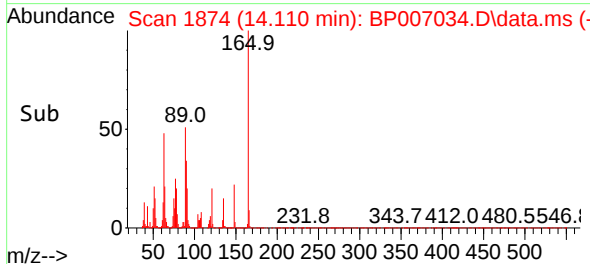
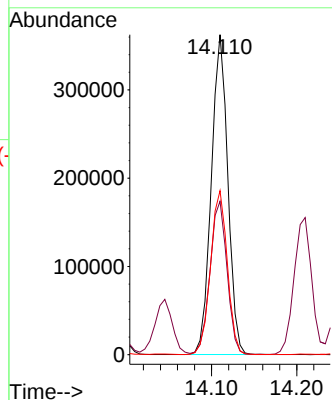
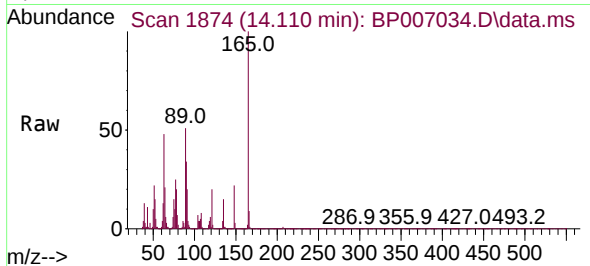




#51  
2,6-Dinitrotoluene  
Concen: 44.469 ng  
RT: 14.110 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

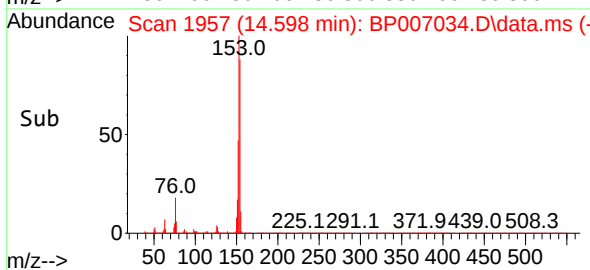
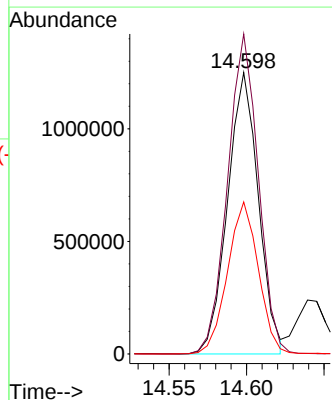
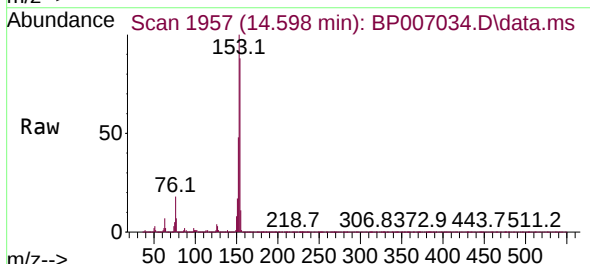
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

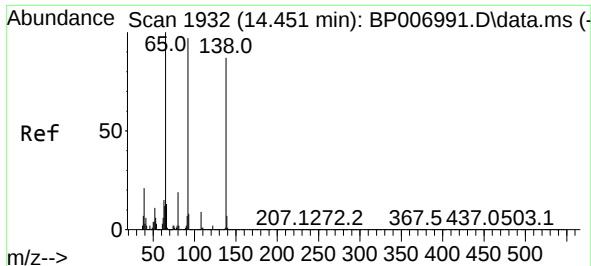
Tgt Ion:165 Resp: 488660  
Ion Ratio Lower Upper  
165 100  
63 48.0 41.3 61.9  
89 51.2 44.8 67.2



#52  
Acenaphthene  
Concen: 42.399 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:154 Resp: 1729040  
Ion Ratio Lower Upper  
154 100  
153 113.7 89.4 134.2  
152 54.0 43.0 64.4

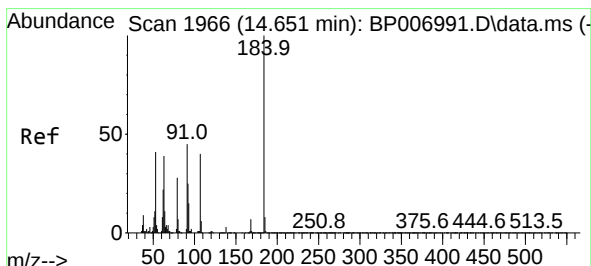
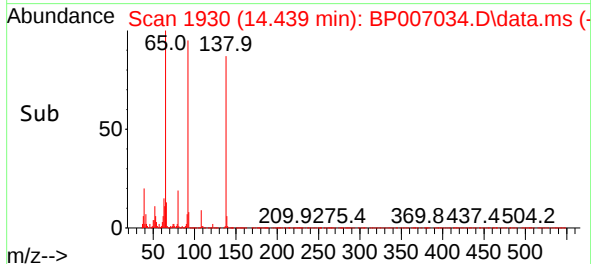
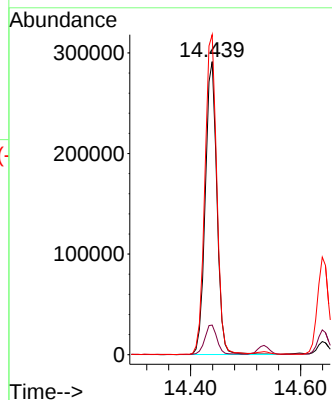
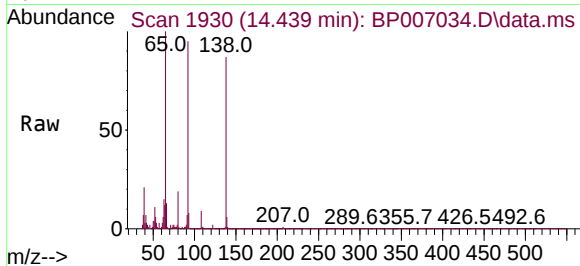




#53  
3-Nitroaniline  
Concen: 38.867 ng  
RT: 14.439 min Scan# 1930  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

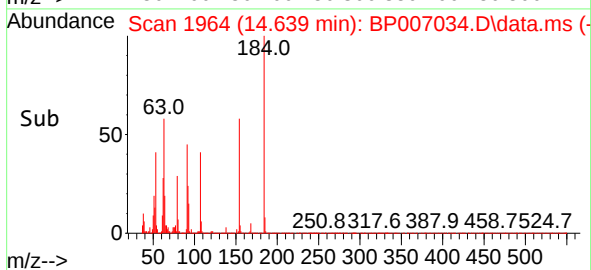
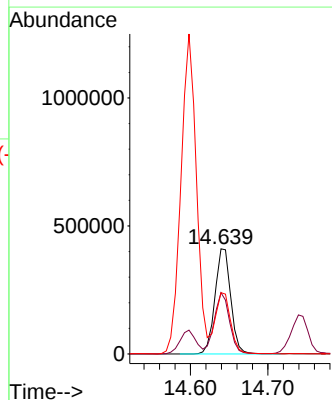
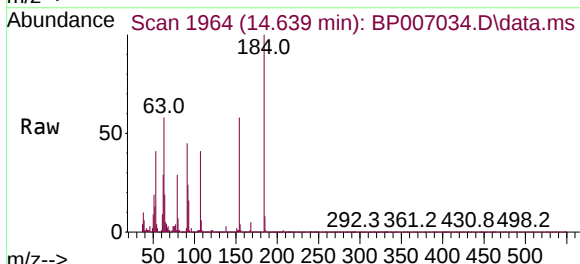
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

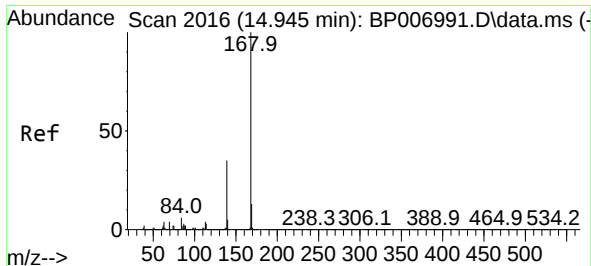
Tgt Ion:138 Resp: 426931  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.4 12.6  
92 109.2 87.8 131.8



#54  
2,4-Dinitrophenol  
Concen: 100.314 ng  
RT: 14.639 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:184 Resp: 584521  
Ion Ratio Lower Upper  
184 100  
63 58.3 47.0 70.6  
154 58.3 52.3 78.5

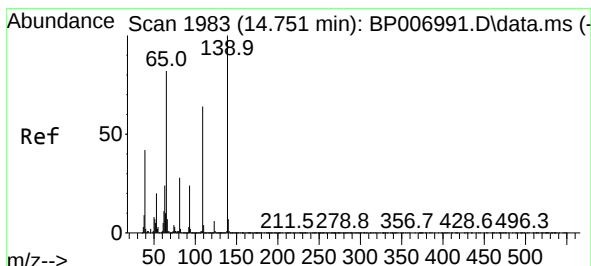
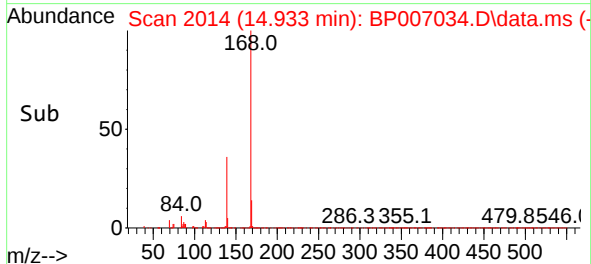
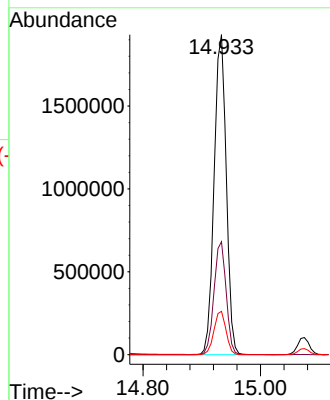
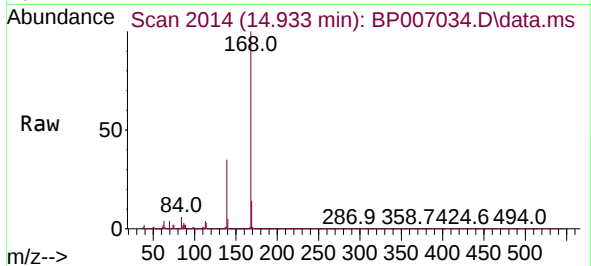




#55  
Dibenzenofuran  
Concen: 41.826 ng  
RT: 14.933 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

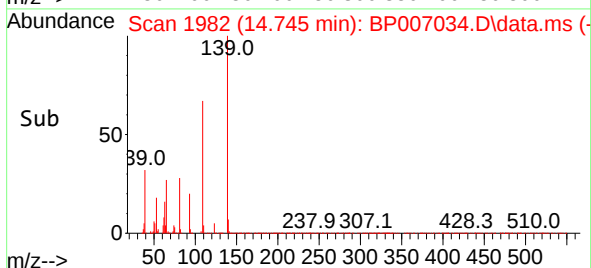
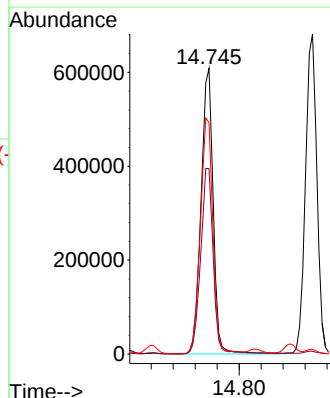
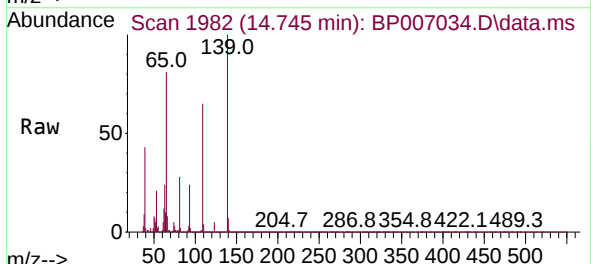
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

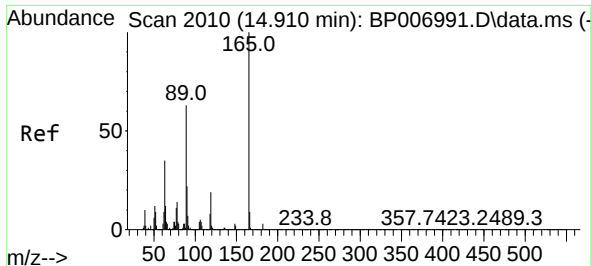
Tgt Ion:168 Resp: 2762762  
Ion Ratio Lower Upper  
168 100  
139 35.3 31.0 46.6  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 99.926 ng  
RT: 14.745 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:139 Resp: 931562  
Ion Ratio Lower Upper  
139 100  
109 64.9 72.3 112.3#  
65 81.0 72.5 112.5

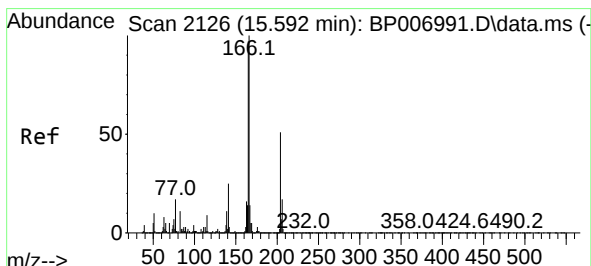
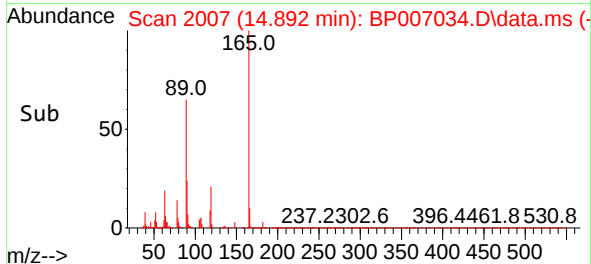
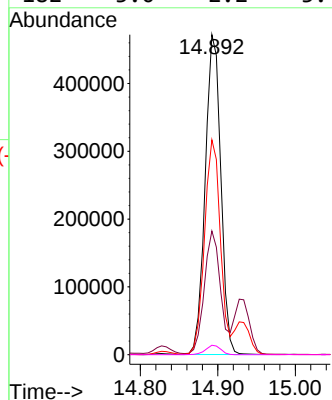
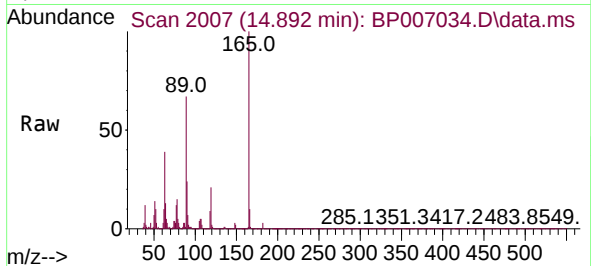




#57  
2,4-Dinitrotoluene  
Concen: 46.916 ng  
RT: 14.892 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

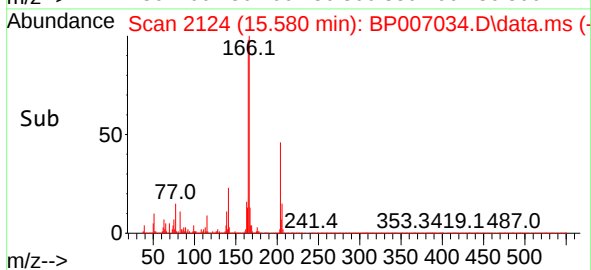
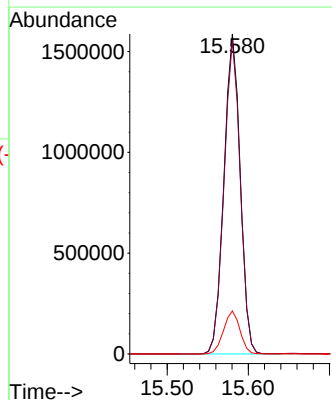
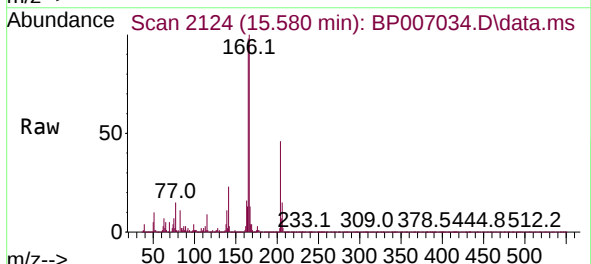
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

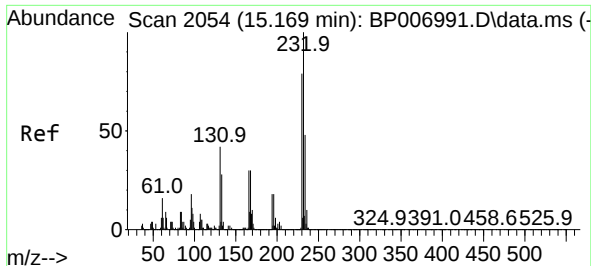
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 659847 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 38.6  | 32.3  | 48.5   |
| 89        | 67.1  | 55.9  | 83.9   |
| 182       | 3.0   | 2.2   | 3.4    |



#58  
Fluorene  
Concen: 43.014 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 2217553 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 98.0  | 78.0  | 117.0   |
| 167       | 13.5  | 10.5  | 15.7    |

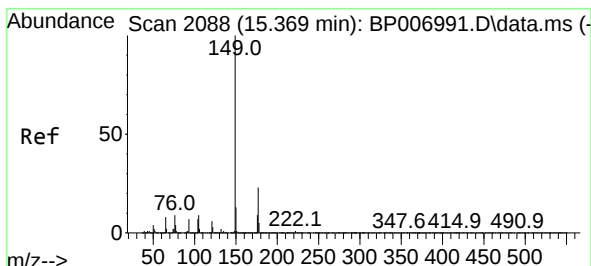
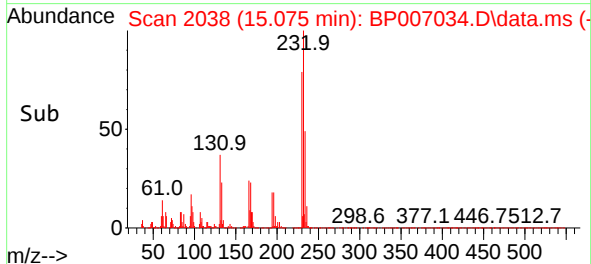
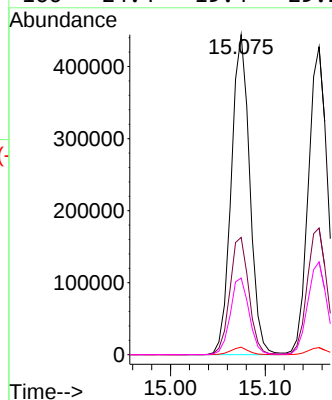
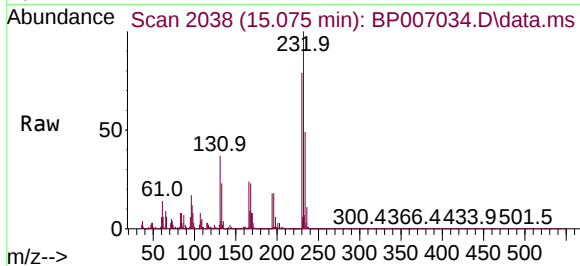




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.718 ng  
RT: 15.075 min Scan# 2038  
Delta R.T. -0.083 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

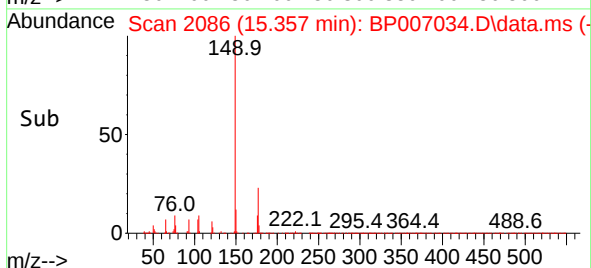
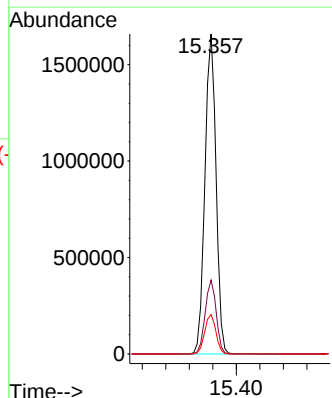
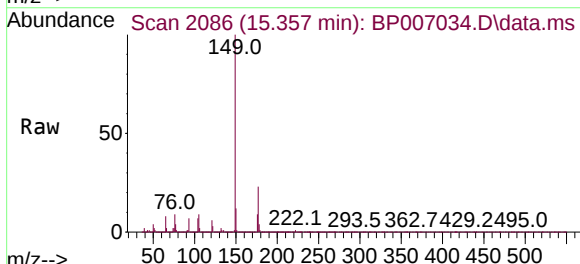
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

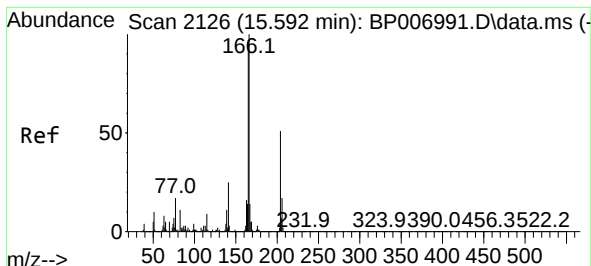
|             |              |
|-------------|--------------|
| Tgt Ion:232 | Resp: 603130 |
| Ion Ratio   | Lower Upper  |
| 232 100     |              |
| 131 37.6    | 32.2 48.4    |
| 130 2.2     | 2.0 3.0      |
| 166 24.4    | 19.4 29.2    |



#60  
Diethylphthalate  
Concen: 44.667 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

|             |               |
|-------------|---------------|
| Tgt Ion:149 | Resp: 2169106 |
| Ion Ratio   | Lower Upper   |
| 149 100     |               |
| 177 23.1    | 17.5 26.3     |
| 150 12.3    | 9.9 14.9      |

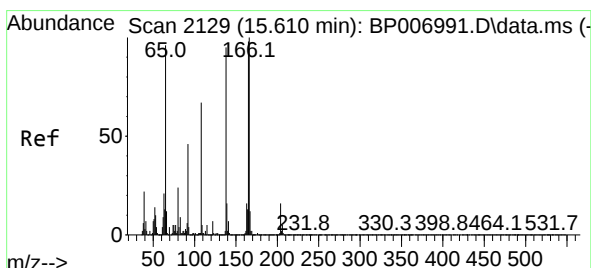
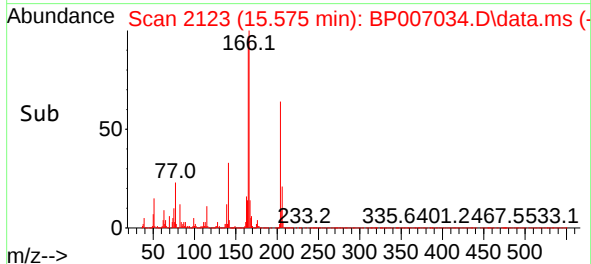
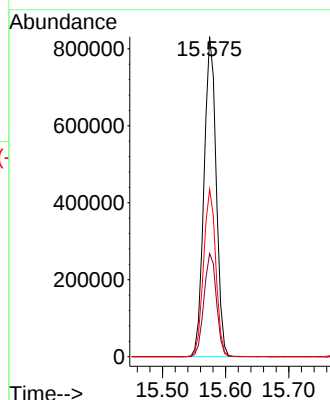
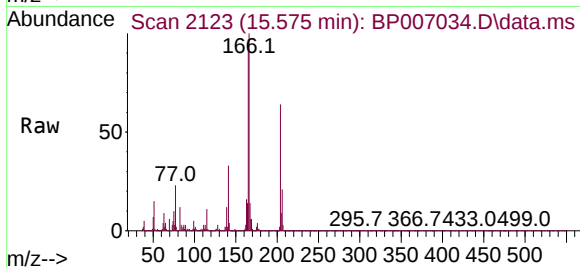




#61  
4-Chlorophenyl-phenylether  
Concen: 43.146 ng  
RT: 15.575 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

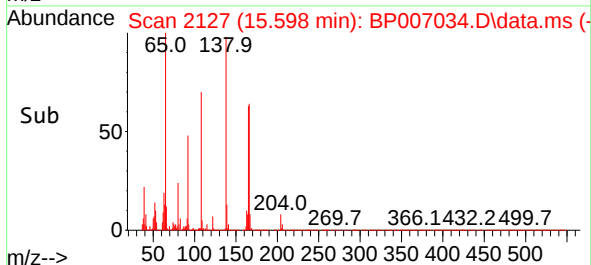
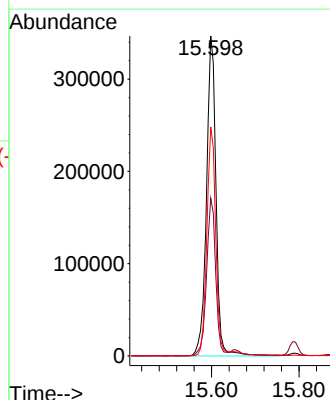
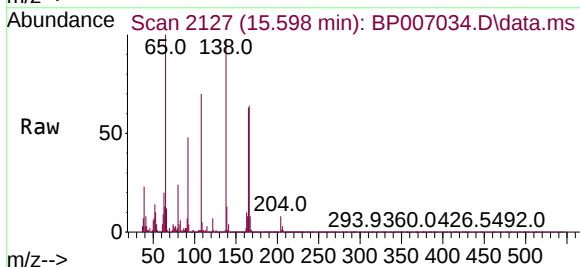
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

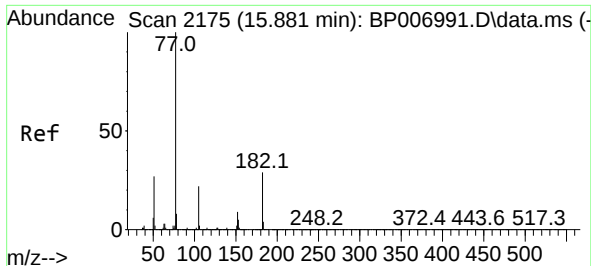
Tgt Ion:204 Resp: 1115666  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 40.0  
141 52.3 48.6 73.0



#62  
4-Nitroaniline  
Concen: 47.755 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

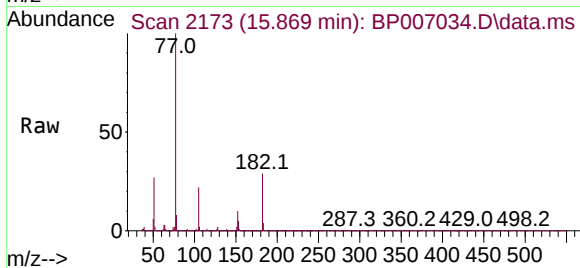
Tgt Ion:138 Resp: 527322  
Ion Ratio Lower Upper  
138 100  
92 49.3 31.2 71.2  
108 71.6 78.6 118.6#





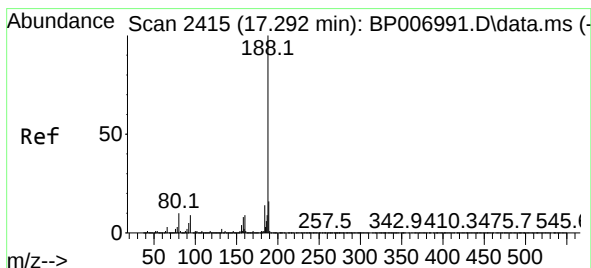
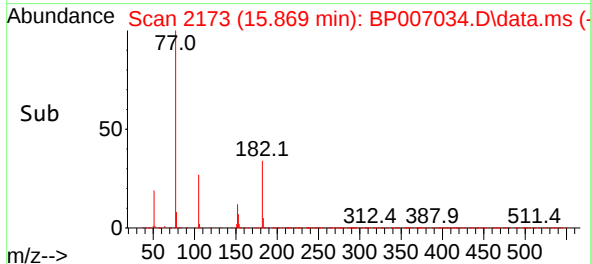
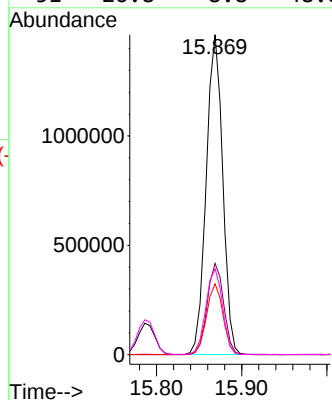
#63  
Azobenzene  
Concen: 43.634 ng  
RT: 15.869 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

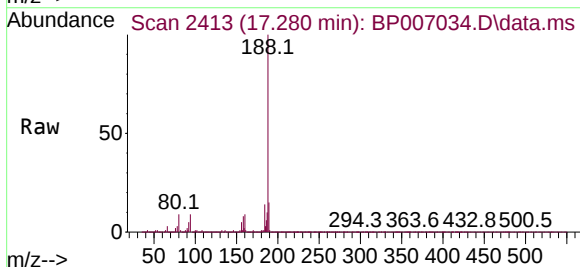


Tgt Ion: 77 Resp: 1962318

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.5  | 6.0   | 46.0  |
| 105 | 22.2  | 0.0   | 38.8  |
| 51  | 26.8  | 8.8   | 48.8  |

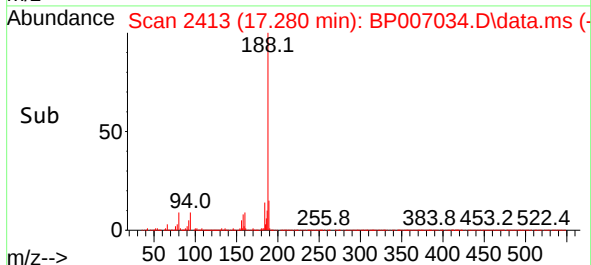
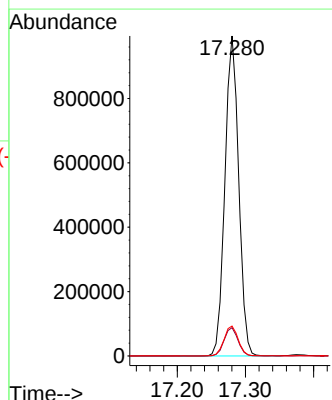


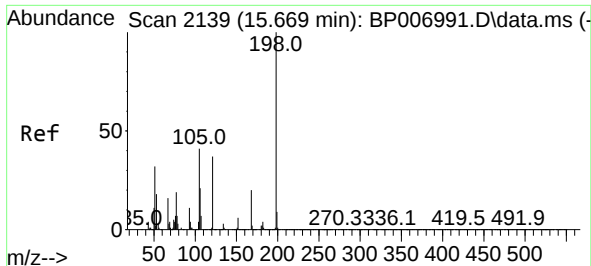
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37



Tgt Ion: 188 Resp: 1396289

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.9   | 5.6   | 8.4#  |
| 80  | 9.3   | 6.3   | 9.5   |

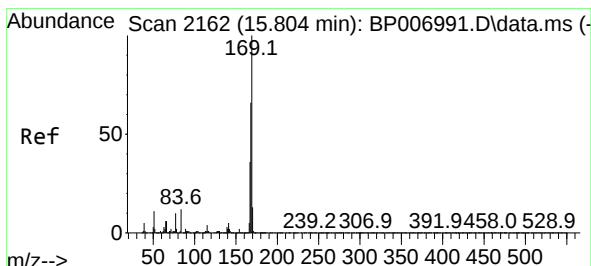
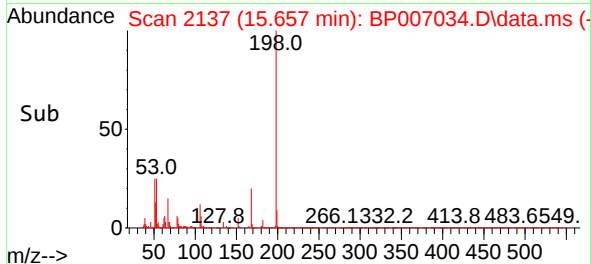
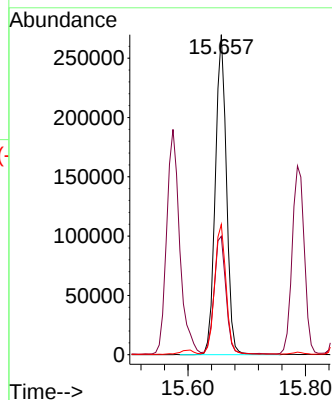
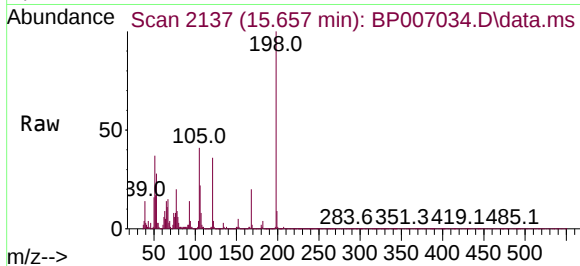




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.833 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

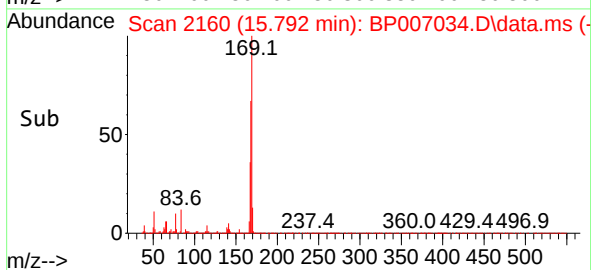
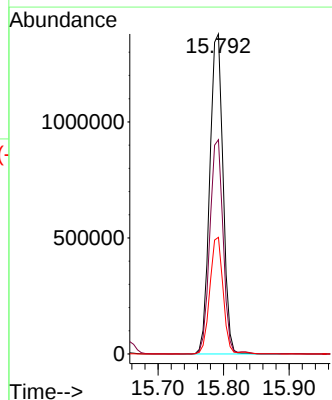
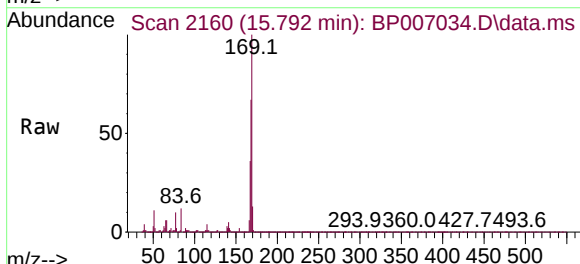
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

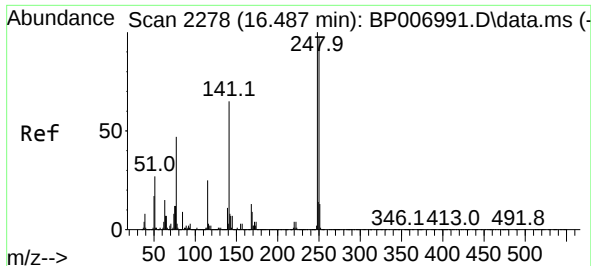
Tgt Ion:198 Resp: 354217  
Ion Ratio Lower Upper  
198 100  
51 37.0 14.0 54.0  
105 40.7 19.5 59.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.656 ng  
RT: 15.792 min Scan# 2160  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:169 Resp: 1939956  
Ion Ratio Lower Upper  
169 100  
168 66.9 54.4 81.6  
167 36.5 29.0 43.6

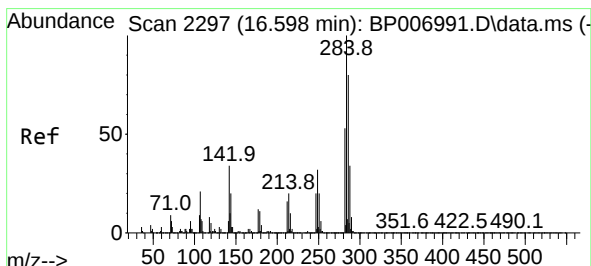
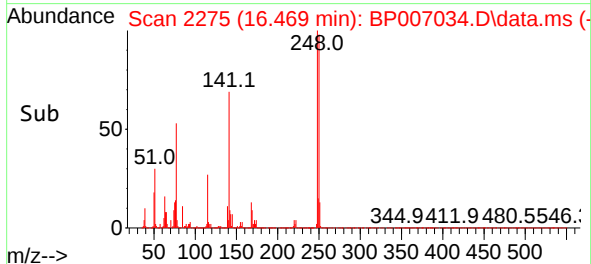
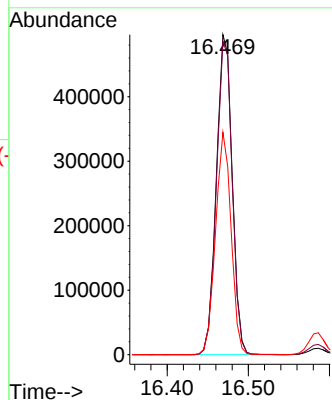
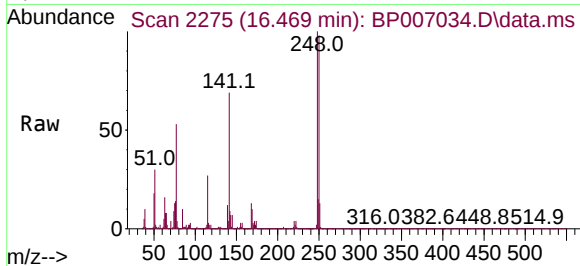




#67  
4-Bromophenyl-phenylether  
Concen: 43.596 ng  
RT: 16.469 min Scan# 2275  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

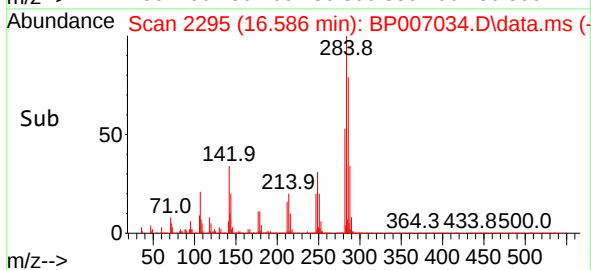
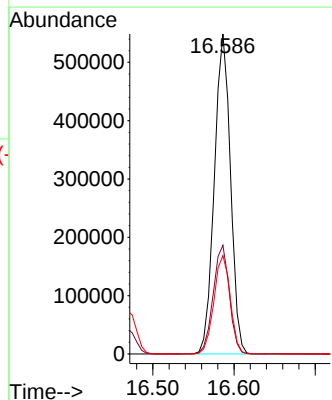
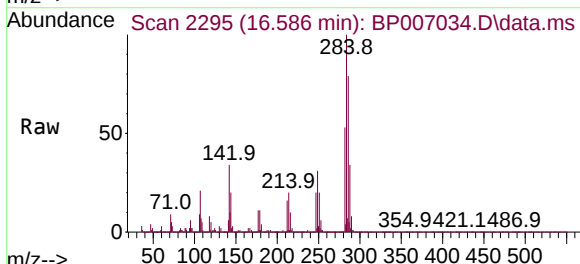
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

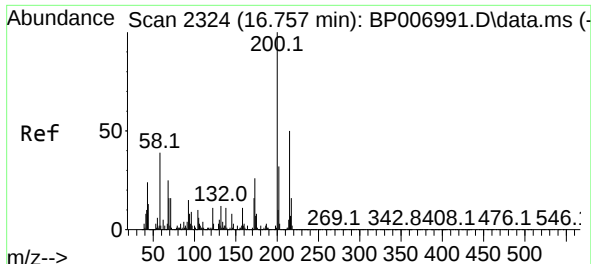
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.0  | 79.8  | 119.8 |
| 141     | 69.5  | 57.8  | 86.6  |



#68  
Hexachlorobenzene  
Concen: 43.616 ng  
RT: 16.586 min Scan# 2295  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.0  | 26.9  | 40.3  |
| 249     | 30.7  | 24.5  | 36.7  |

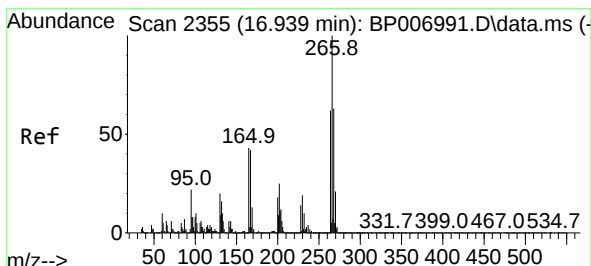
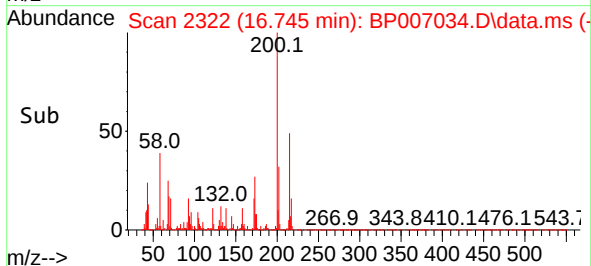
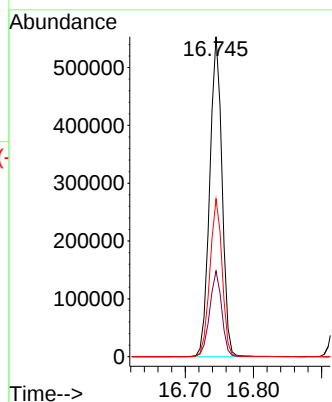
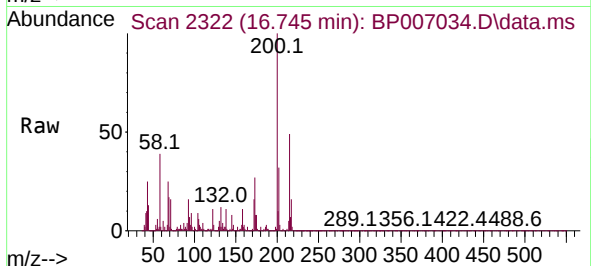




#69  
Atrazine  
Concen: 52.643 ng  
RT: 16.745 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

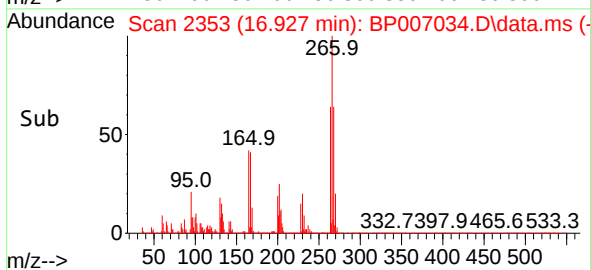
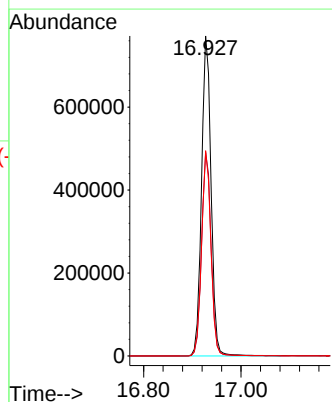
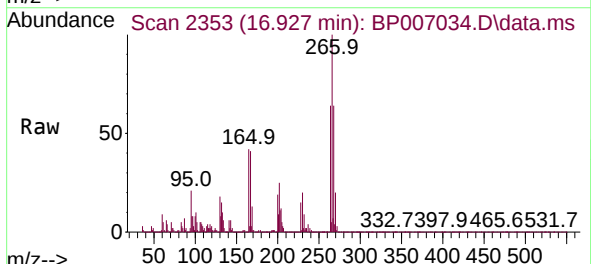
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

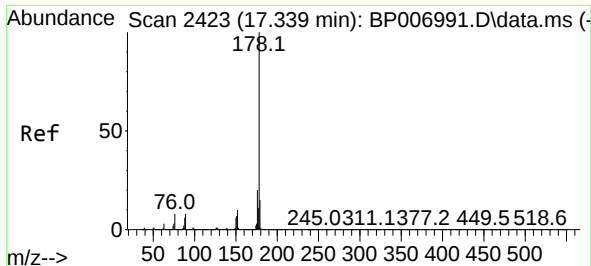
Tgt Ion:200 Resp: 695594  
Ion Ratio Lower Upper  
200 100  
173 26.7 4.1 44.1  
215 49.2 27.7 67.7



#70  
Pentachlorophenol  
Concen: 101.092 ng  
RT: 16.927 min Scan# 2353  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:266 Resp: 1053423  
Ion Ratio Lower Upper  
266 100  
268 63.6 51.6 77.4  
264 64.2 50.3 75.5

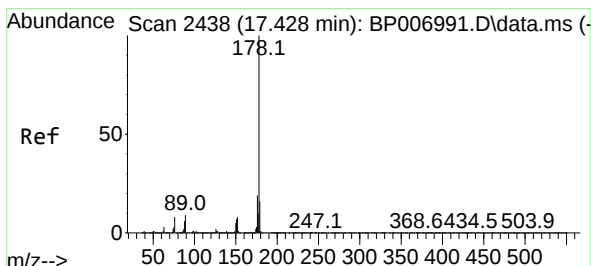
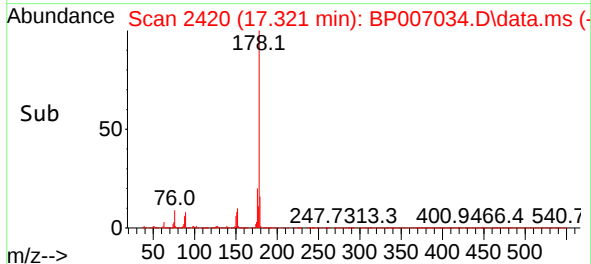
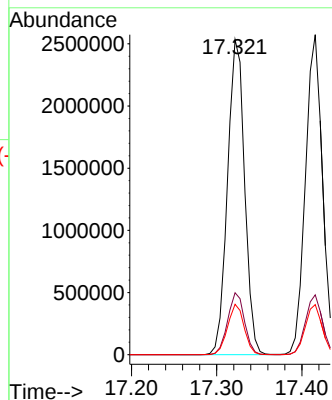
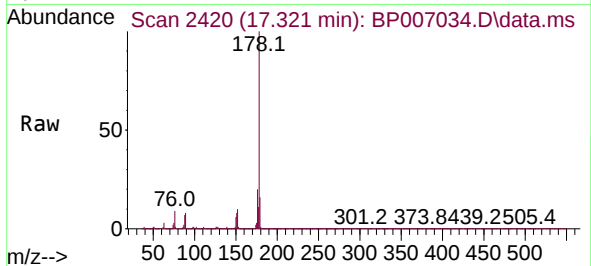




#71  
Phenanthrene  
Concen: 43.647 ng  
RT: 17.321 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

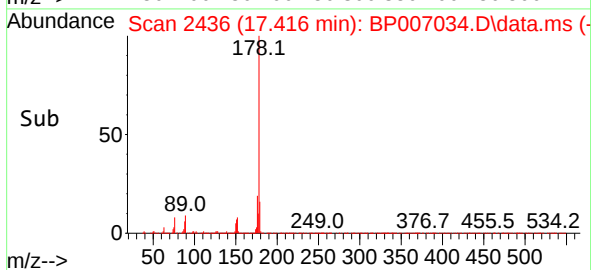
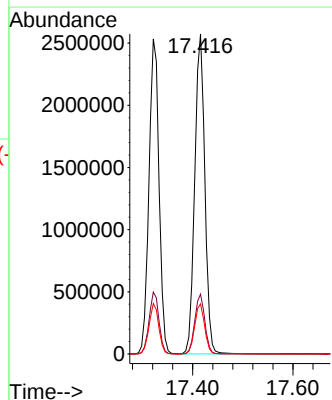
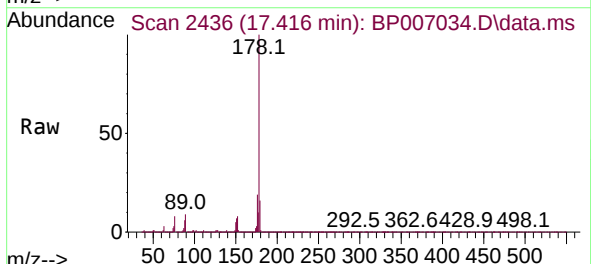
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

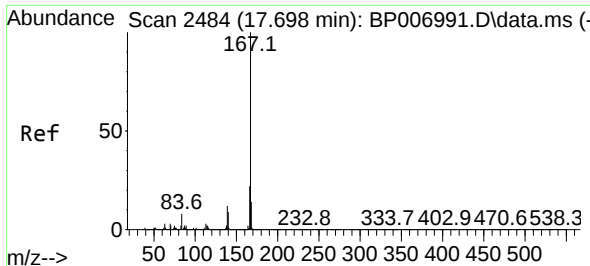
Tgt Ion:178 Resp: 3535526  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.1 22.7  
179 16.0 12.4 18.6



#72  
Anthracene  
Concen: 46.258 ng  
RT: 17.416 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:178 Resp: 3585043  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.6 12.2 18.2

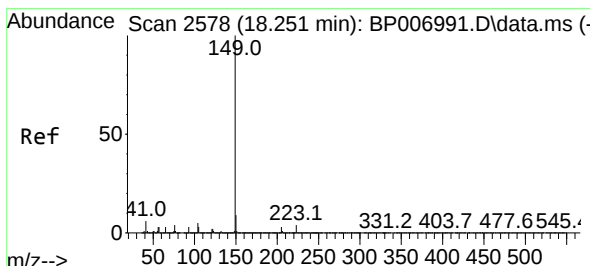
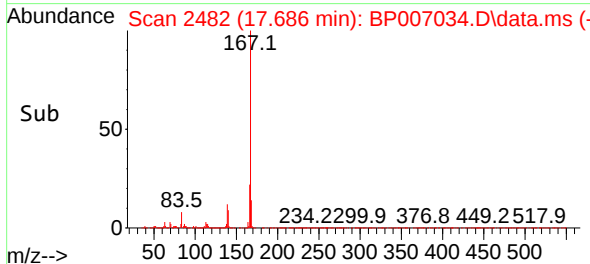
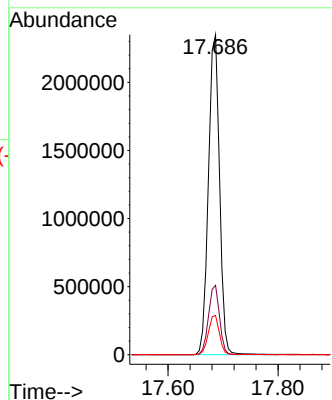
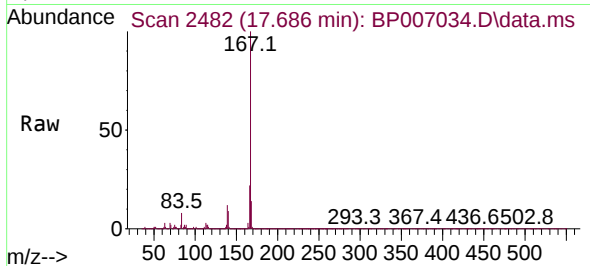




#73  
 Carbazole  
 Concen: 43.573 ng  
 RT: 17.686 min Scan# 2482  
 Delta R.T. -0.000 min  
 Lab File: BP007034.D  
 Acq: 17 Sep 2021 19:37

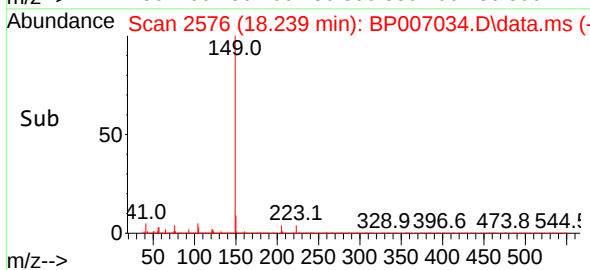
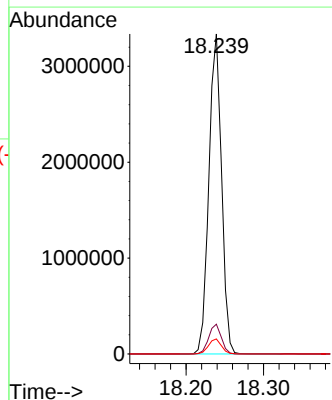
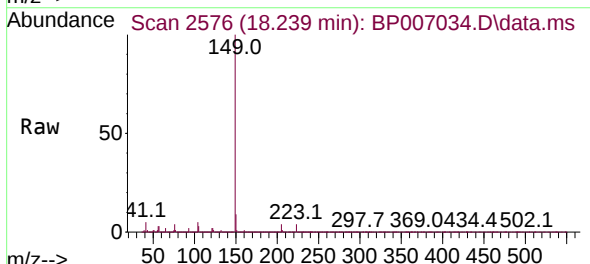
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NAPL-05-(29-31)MS

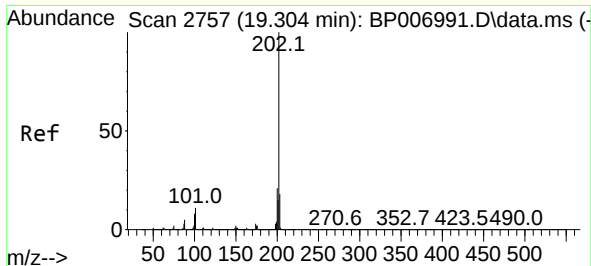
Tgt Ion:167 Resp: 3294356  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.1 25.7  
 139 12.3 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 48.910 ng  
 RT: 18.239 min Scan# 2576  
 Delta R.T. -0.000 min  
 Lab File: BP007034.D  
 Acq: 17 Sep 2021 19:37

Tgt Ion:149 Resp: 3781957  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 4.7 4.5 6.7

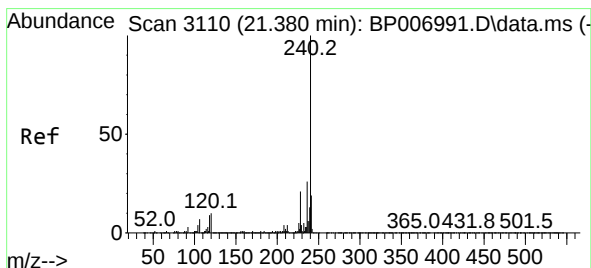
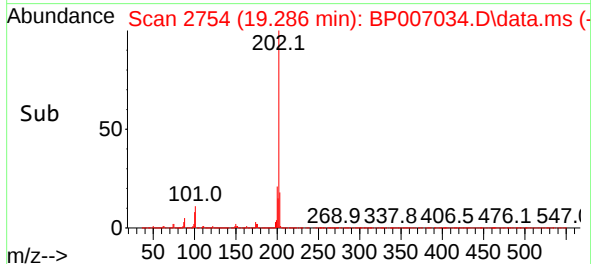
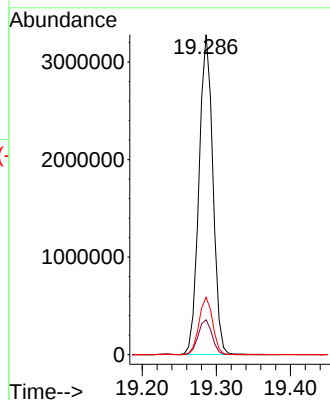
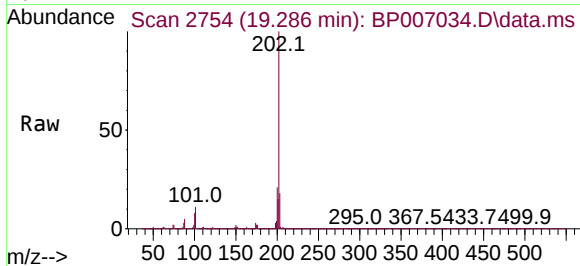




#75  
Fluoranthene  
Concen: 45.607 ng  
RT: 19.286 min Scan# 2754  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

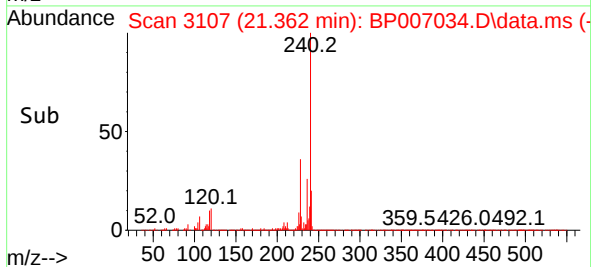
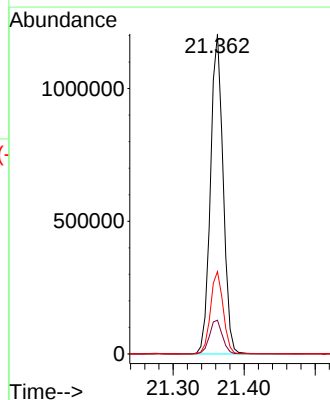
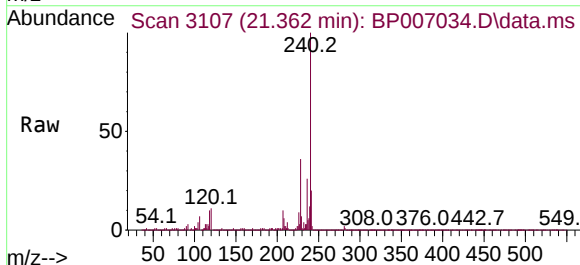
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BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

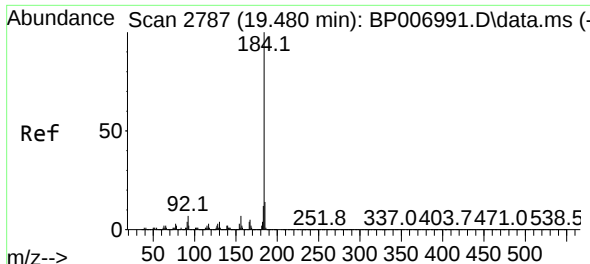
Tgt Ion:202 Resp: 4255122  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 27.6  
203 17.9 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.362 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:240 Resp: 1491610  
Ion Ratio Lower Upper  
240 100  
120 10.6 6.5 9.7#  
236 25.8 20.6 31.0

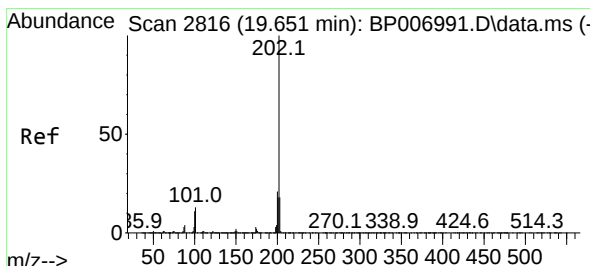
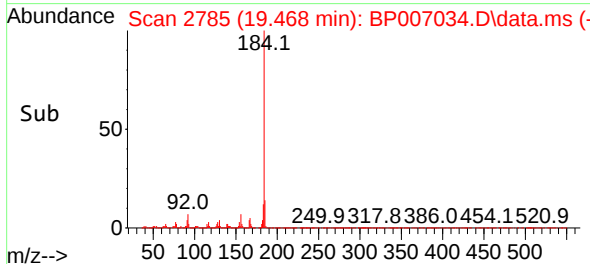
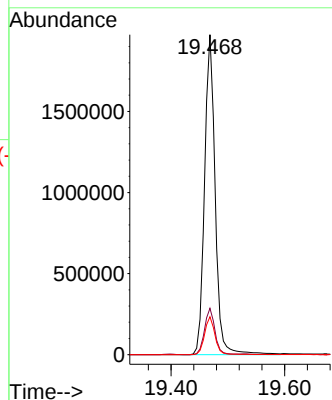
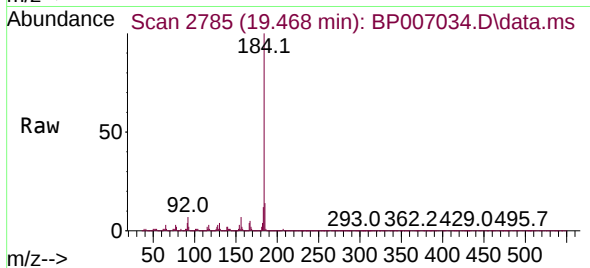




#77  
Benzidine  
Concen: Below Cal  
RT: 19.468 min Scan# 2785  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

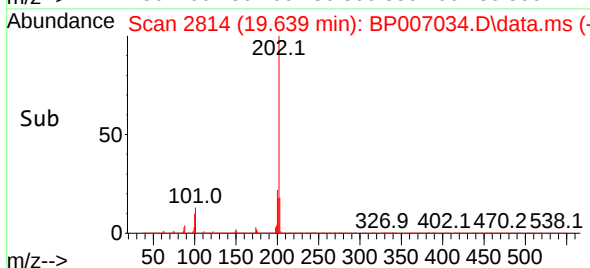
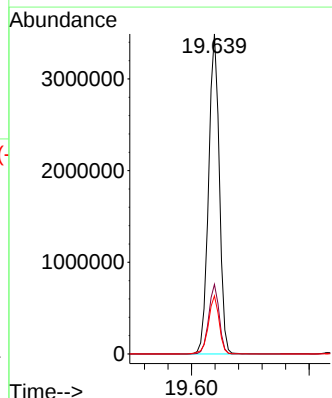
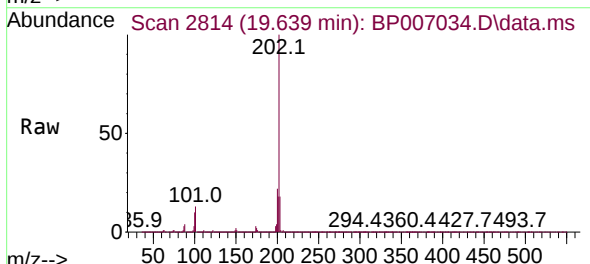
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

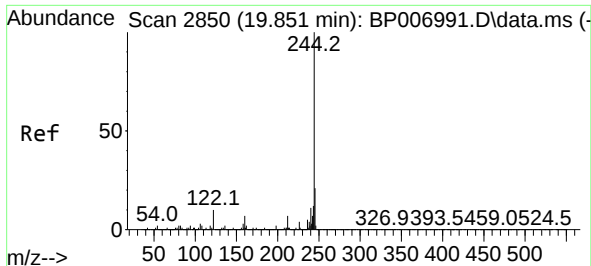
Tgt Ion:184 Resp: 2559827  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.0 16.4  
183 11.8 9.5 14.3



#78  
Pyrene  
Concen: 42.572 ng  
RT: 19.639 min Scan# 2814  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:202 Resp: 4400378  
Ion Ratio Lower Upper  
202 100  
200 21.8 16.3 24.5  
203 18.2 14.2 21.2

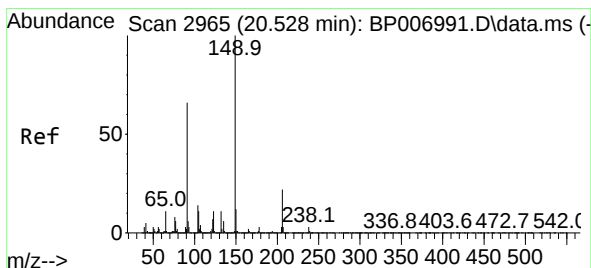
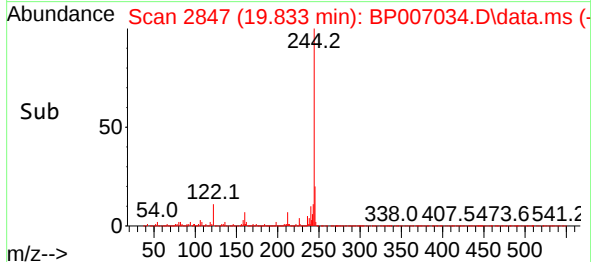
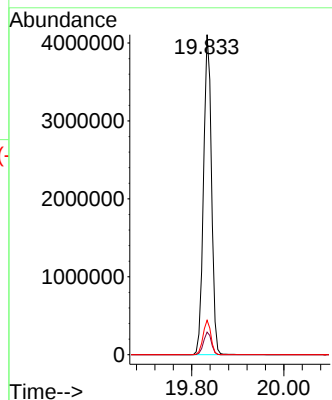
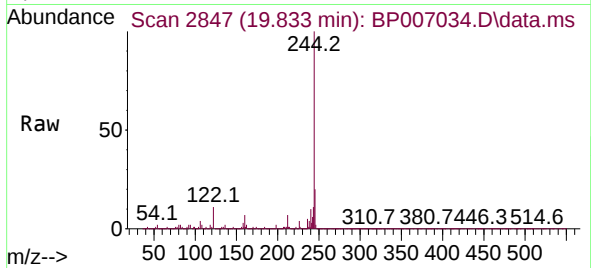




#79  
Terphenyl-d14  
Concen: 63.746 ng  
RT: 19.833 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

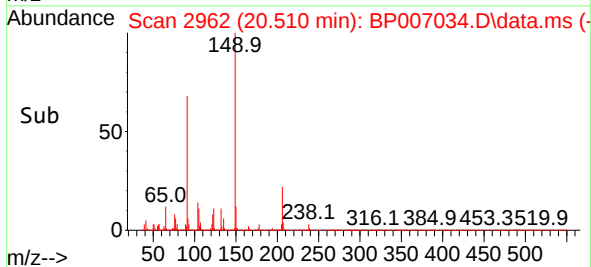
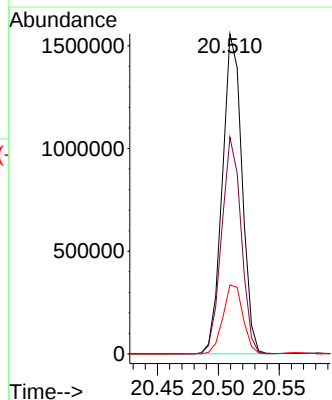
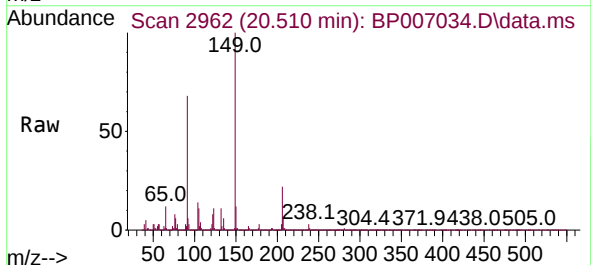
Instrument :  
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ClientSampleId :  
NAPL-05-(29-31)MS

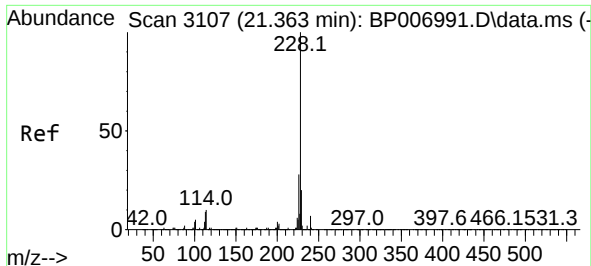
Tgt Ion:244 Resp: 4955839  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.0 9.0  
122 10.8 7.1 10.7#



#80  
Butylbenzylphthalate  
Concen: 48.379 ng  
RT: 20.510 min Scan# 2962  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:149 Resp: 1750666  
Ion Ratio Lower Upper  
149 100  
91 67.7 54.6 81.8  
206 21.5 16.7 25.1

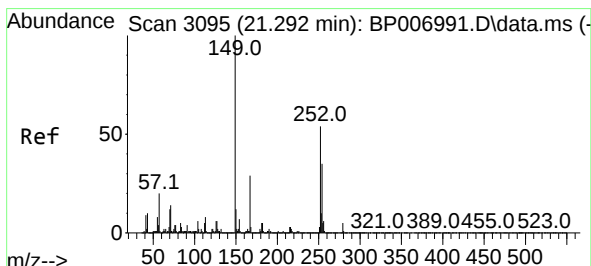
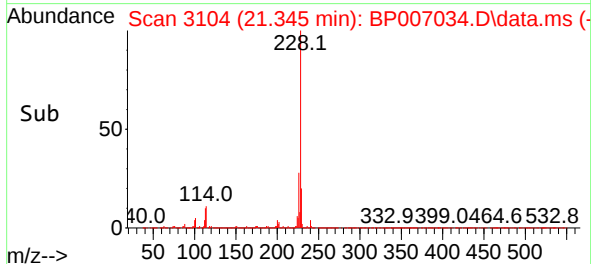
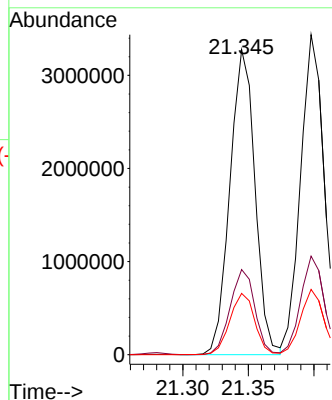
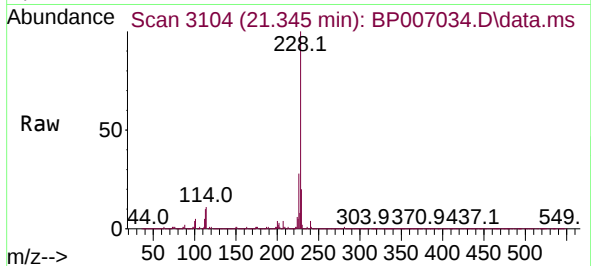




#81  
Benzo(a)anthracene  
Concen: 43.083 ng  
RT: 21.345 min Scan# 3104  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

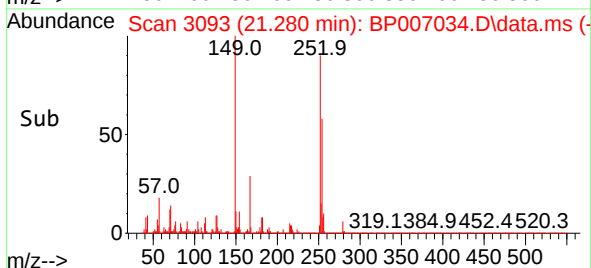
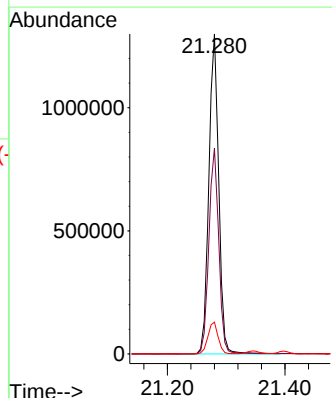
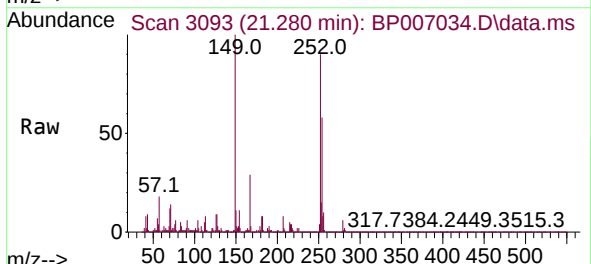
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BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

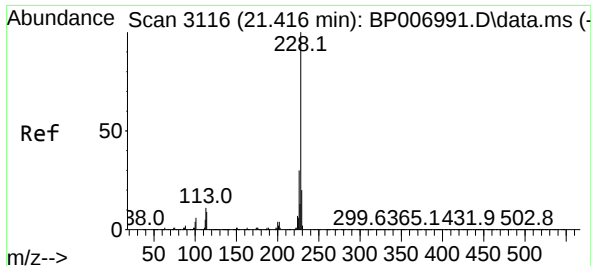
Tgt Ion:228 Resp: 4366737  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.6 32.4  
229 20.1 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 52.453 ng  
RT: 21.280 min Scan# 3093  
Delta R.T. -0.000 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:252 Resp: 1511751  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.6 76.0  
126 9.9 7.0 10.6

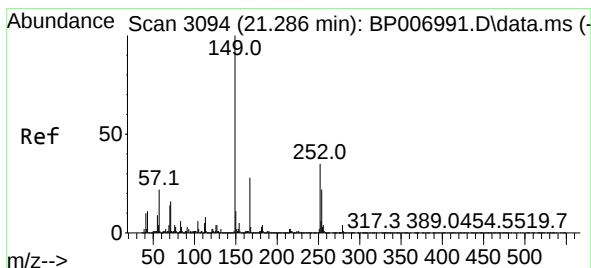
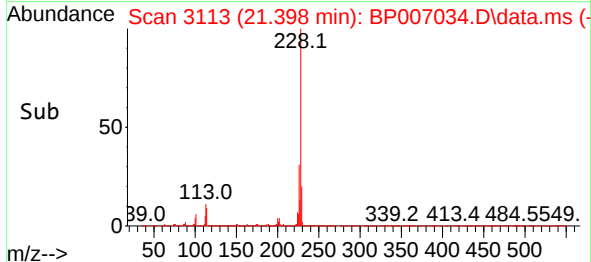
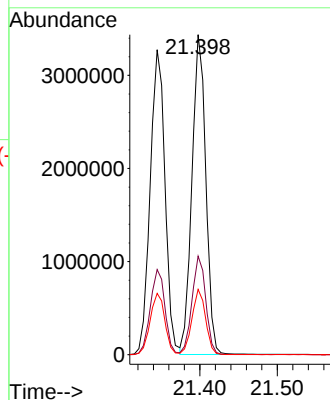
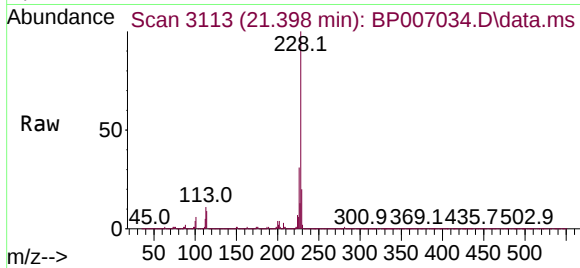




#83  
Chrysene  
Concen: 42.908 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

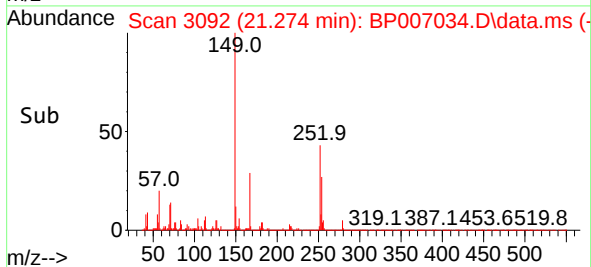
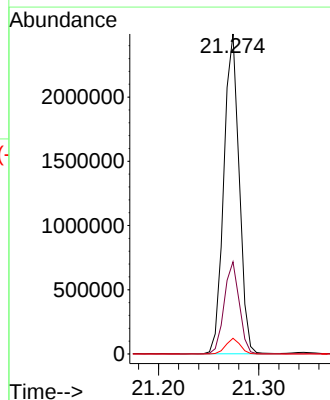
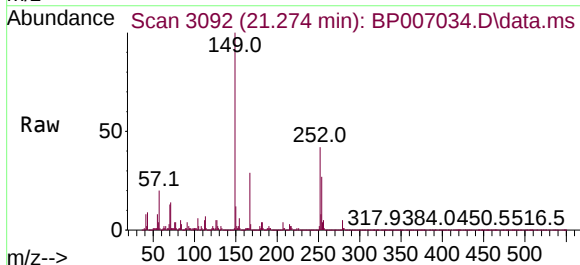
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BNA\_P  
ClientSampleId :  
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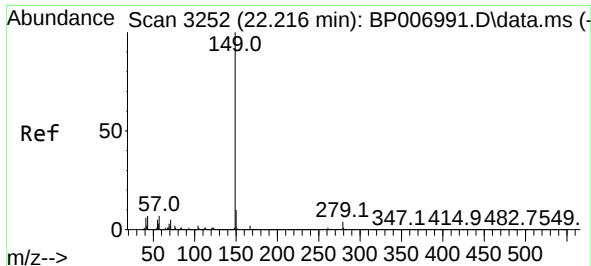
Tgt Ion:228 Resp: 4267610  
Ion Ratio Lower Upper  
228 100  
226 30.8 23.8 35.6  
229 20.4 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.616 ng  
RT: 21.274 min Scan# 3092  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:149 Resp: 2639137  
Ion Ratio Lower Upper  
149 100  
167 28.8 21.9 32.9  
279 4.9 4.3 6.5

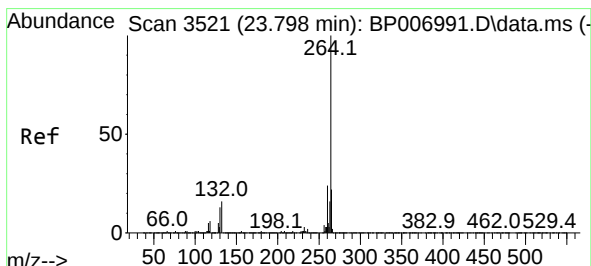
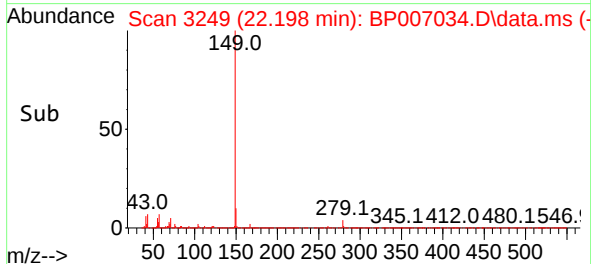
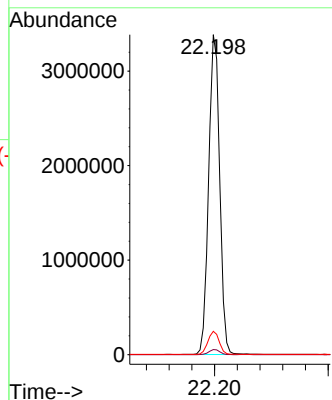
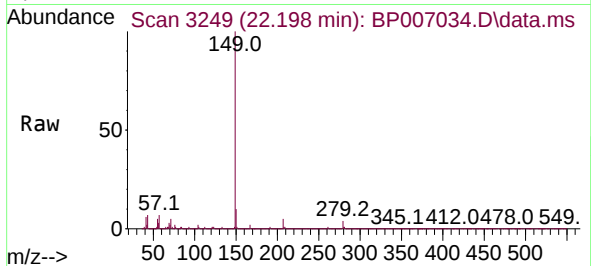




#85  
Di-n-octyl phthalate  
Concen: 52.047 ng  
RT: 22.198 min Scan# 3249  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

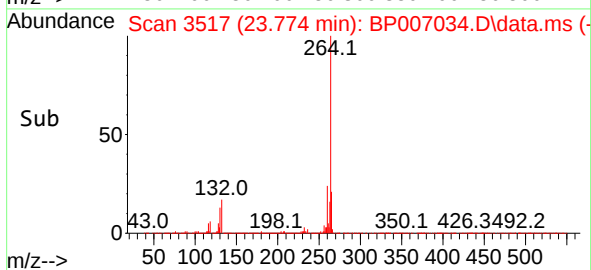
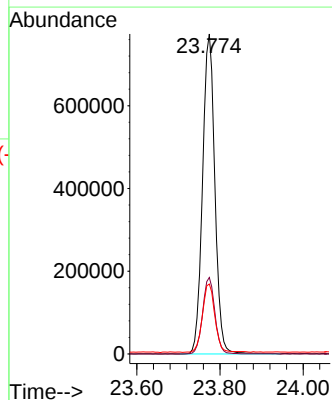
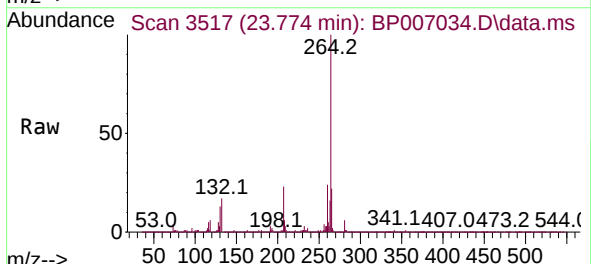
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ClientSampleId :  
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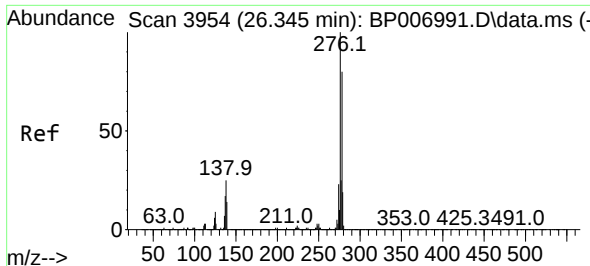
Tgt Ion:149 Resp: 4524863  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 7.4 5.6 8.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.774 min Scan# 3517  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:264 Resp: 1592674  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 21.9 17.6 26.4

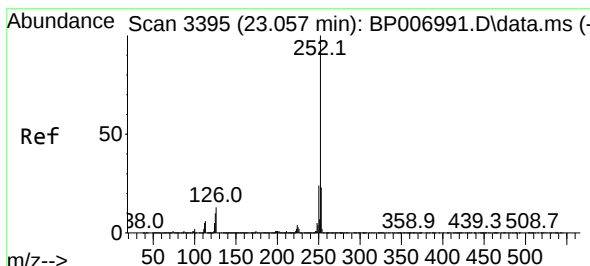
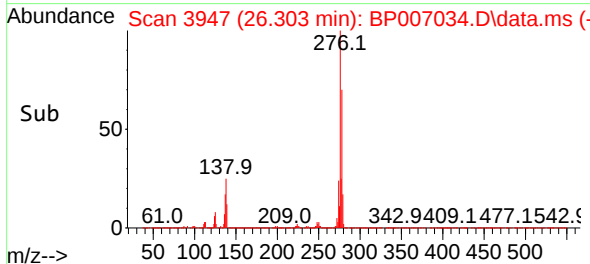
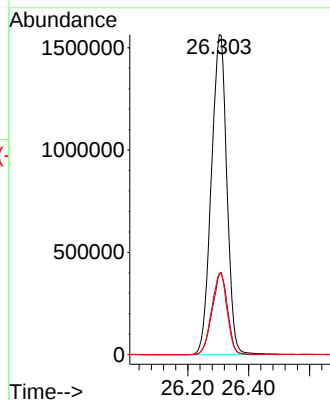
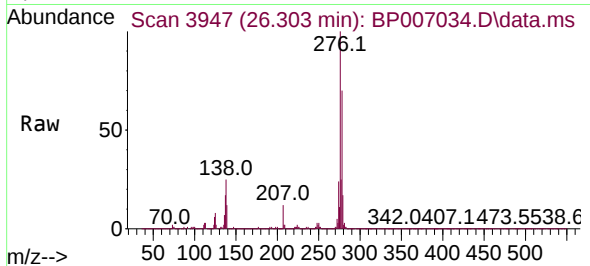




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.727 ng  
RT: 26.303 min Scan# 3947  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

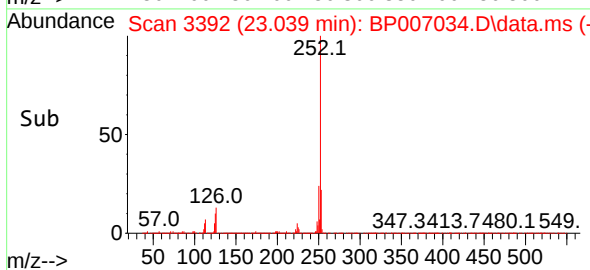
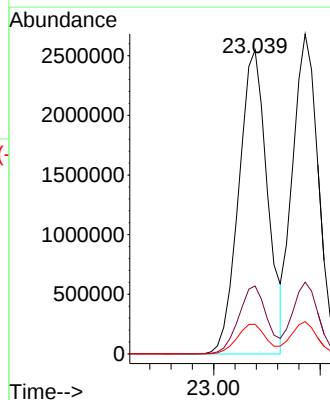
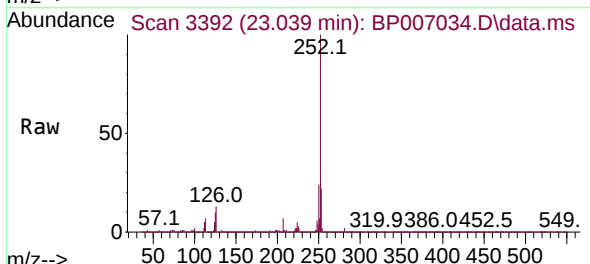
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ClientSampleId :  
NAPL-05-(29-31)MS

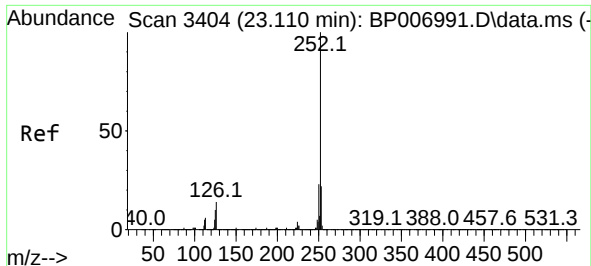
Tgt Ion:276 Resp: 5526983  
Ion Ratio Lower Upper  
276 100  
138 25.3 15.3 22.9#  
277 25.4 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 44.084 ng  
RT: 23.039 min Scan# 3392  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:252 Resp: 4768914  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 9.8 6.2 9.4#

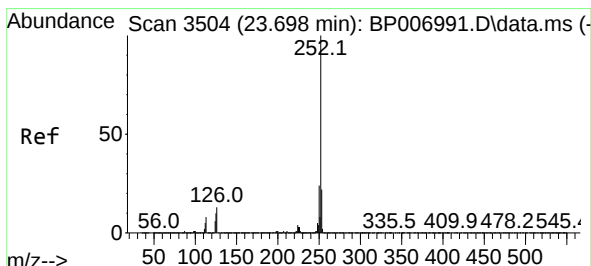
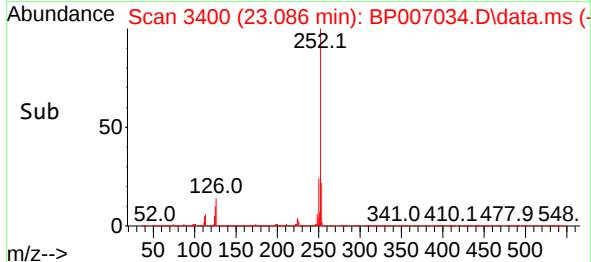
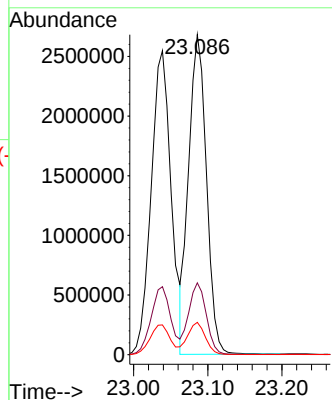
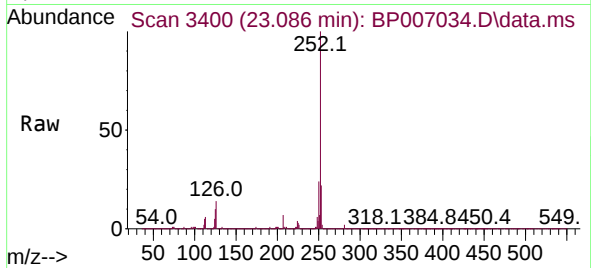




#89  
Benzo(k)fluoranthene  
Concen: 42.610 ng  
RT: 23.086 min Scan# 3400  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

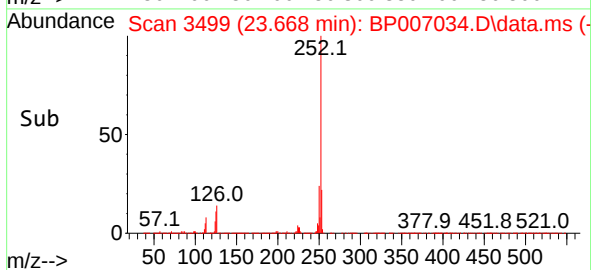
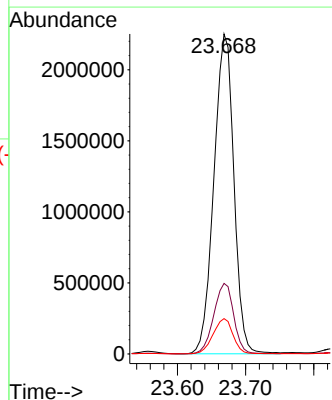
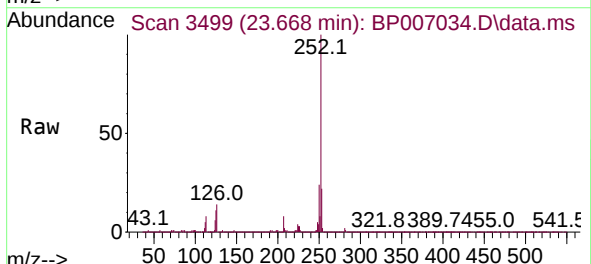
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ClientSampleId :  
NAPL-05-(29-31)MS

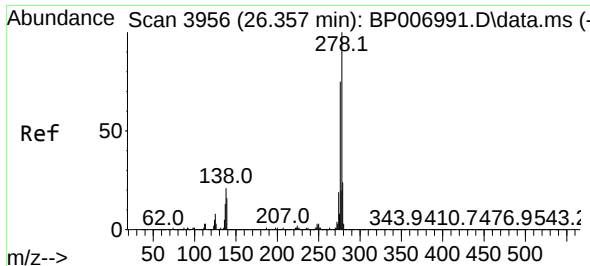
Tgt Ion:252 Resp: 4486477  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 10.1 6.0 9.0#



#90  
Benzo(a)pyrene  
Concen: 47.365 ng  
RT: 23.668 min Scan# 3499  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:252 Resp: 4594999  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 11.1 6.5 9.7#

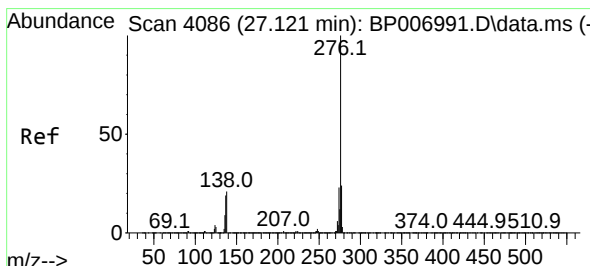
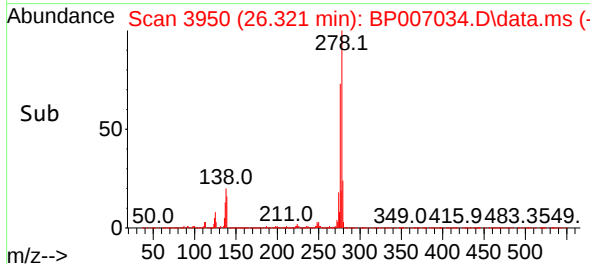
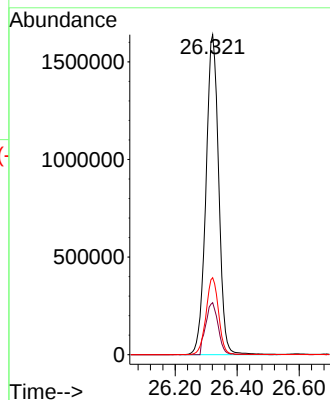
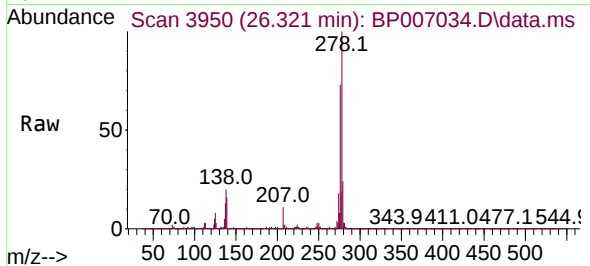




#91  
Dibenzo(a,h)anthracene  
Concen: 44.737 ng  
RT: 26.321 min Scan# 3950  
Delta R.T. -0.012 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)MS

Tgt Ion:278 Resp: 4677793  
Ion Ratio Lower Upper  
278 100  
139 16.2 9.3 13.9#  
279 24.0 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 45.587 ng  
RT: 27.080 min Scan# 4079  
Delta R.T. -0.006 min  
Lab File: BP007034.D  
Acq: 17 Sep 2021 19:37

Tgt Ion:276 Resp: 4598664  
Ion Ratio Lower Upper  
276 100  
277 24.5 18.9 28.3  
138 22.1 12.6 18.8#

