

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092321\  
 Data File : BF125599.D  
 Acq On : 23 Sep 2021 19:07  
 Operator : JU/CG  
 Sample : M3798-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NAPL-07-(15-18)

Quant Time: Sep 24 04:18:24 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

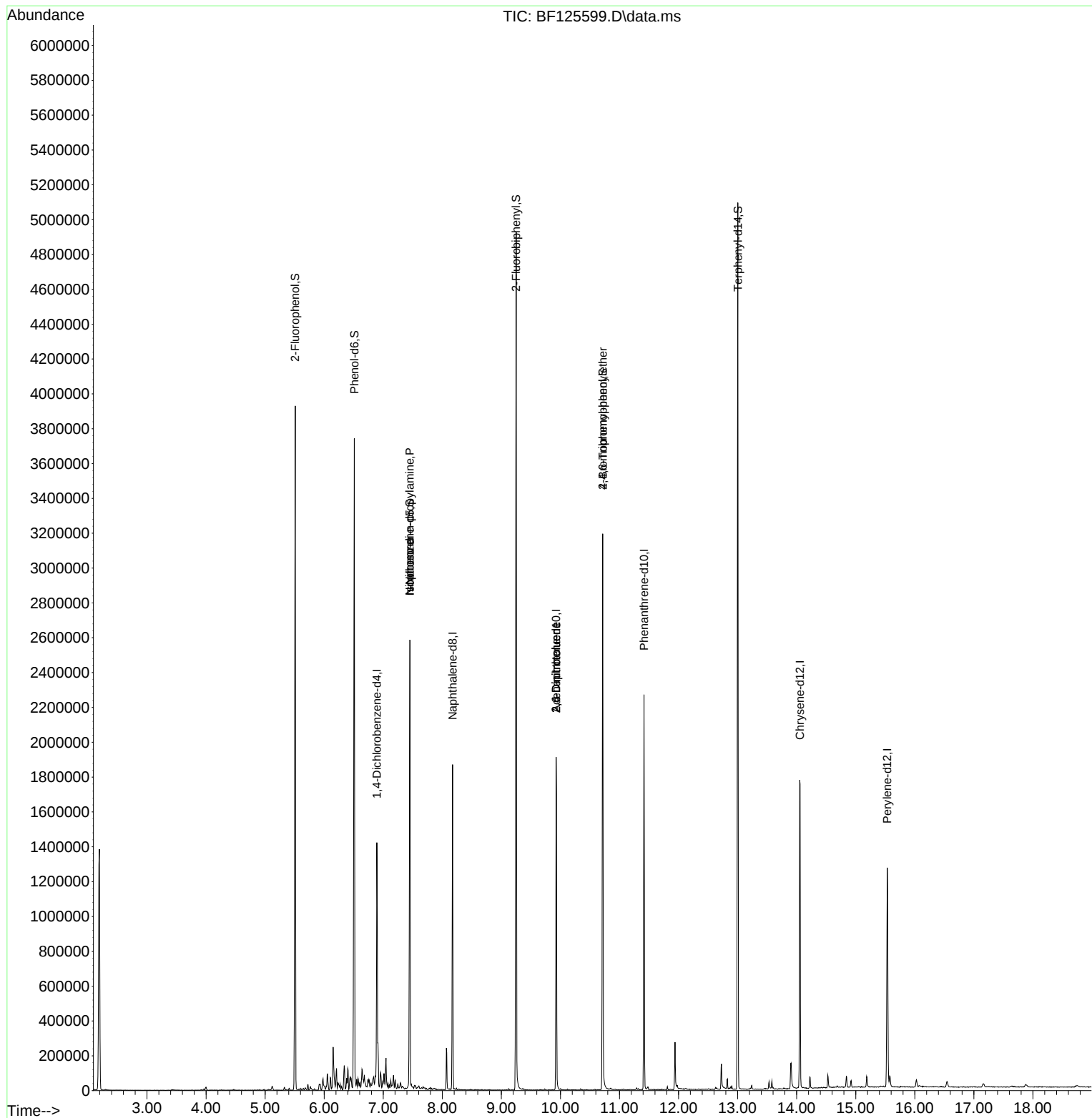
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 196970   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 802179   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.928  | 164  | 427430   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.416 | 188  | 761770   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 633376   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 576242   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1147076  | 92.092    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1391666  | 86.657    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 823276   | 65.459    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 407538   | 97.345    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1589334  | 64.605    | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1644241  | 41.921    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.440  | 77   | 351      | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 106992   | 11.131    | ng    | # 50     |
| 25) Isophorone                | 7.451  | 82   | 817115   | 30.190    | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.928  | 165  | 54402    | 9.295     | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.928  | 165  | 54402    | 7.756     | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 22714    | 2.609     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

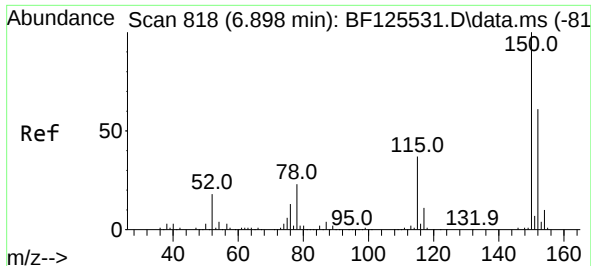
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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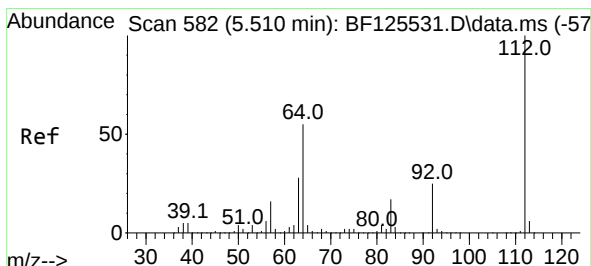
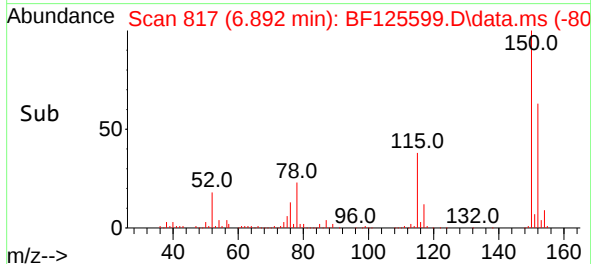
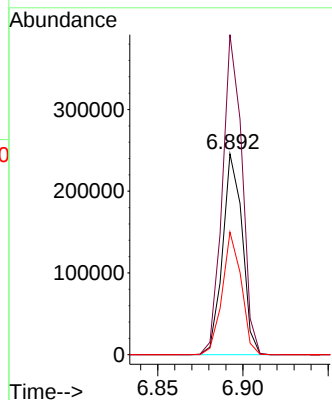
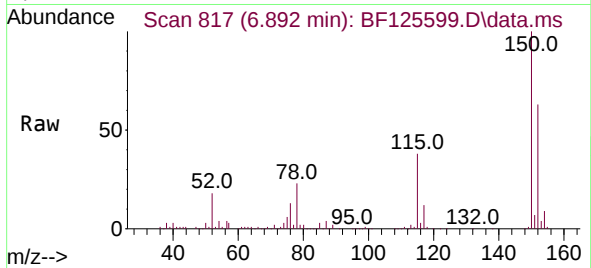




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

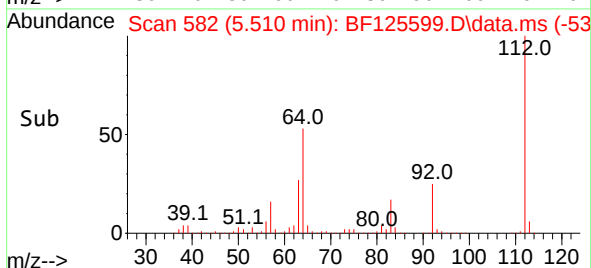
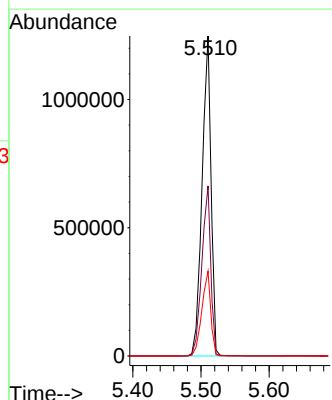
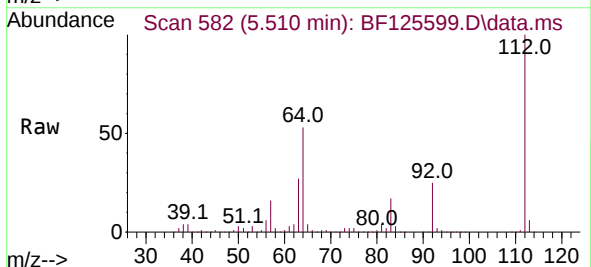
Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)

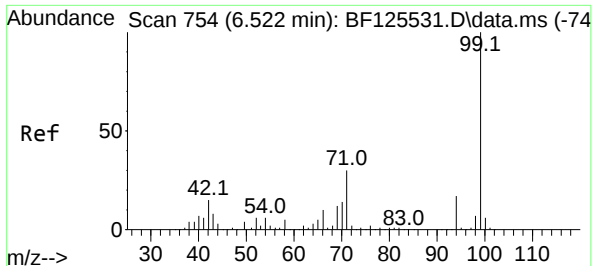
Tgt Ion:152 Resp: 196970  
Ion Ratio Lower Upper  
152 100  
150 159.4 117.6 176.4  
115 61.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 92.092 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Tgt Ion:112 Resp: 1147076  
Ion Ratio Lower Upper  
112 100  
64 53.1 44.2 66.2  
63 26.5 26.2 39.2

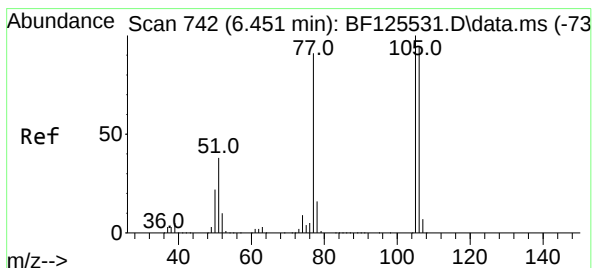
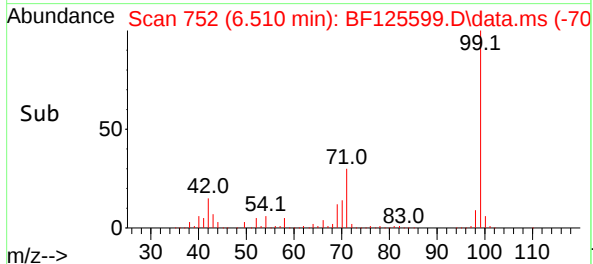
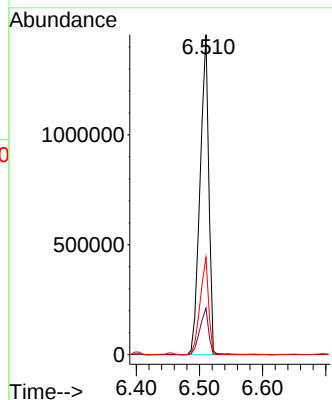
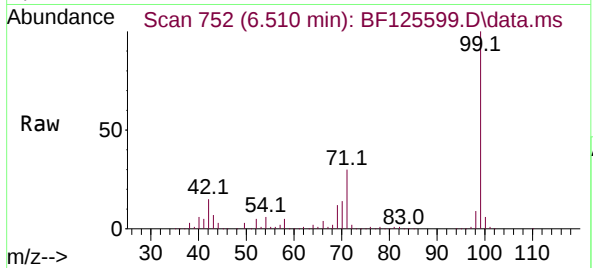




#7  
Phenol-d6  
Concen: 86.657 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

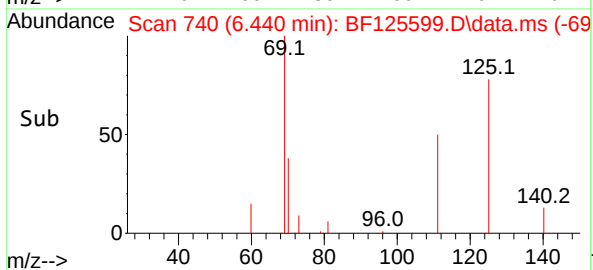
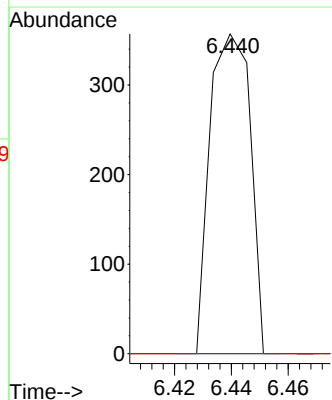
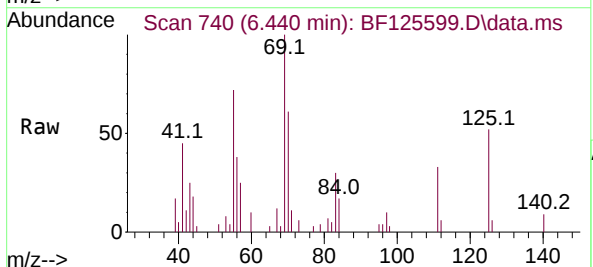
Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)

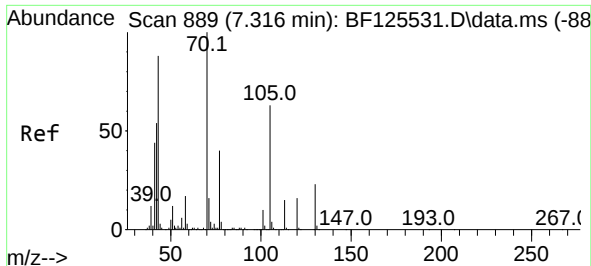
Tgt Ion: 99 Resp: 1391666  
Ion Ratio Lower Upper  
99 100  
42 14.5 23.5 35.3#  
71 30.4 25.6 38.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.440 min Scan# 740  
Delta R.T. -0.011 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

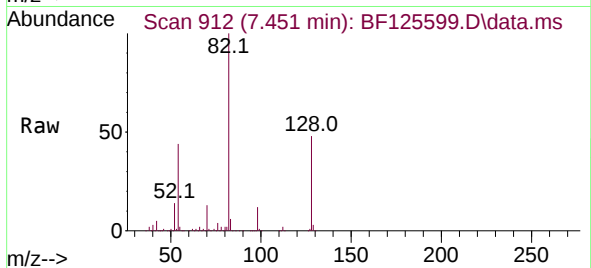
Tgt Ion: 77 Resp: 351  
Ion Ratio Lower Upper  
77 100  
105 0.0 75.9 115.9#  
106 0.0 84.0 124.0#



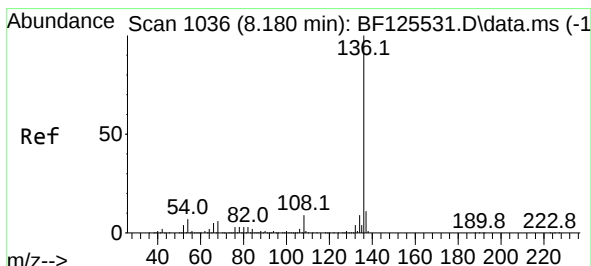
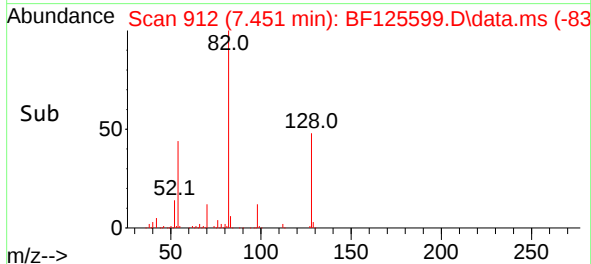
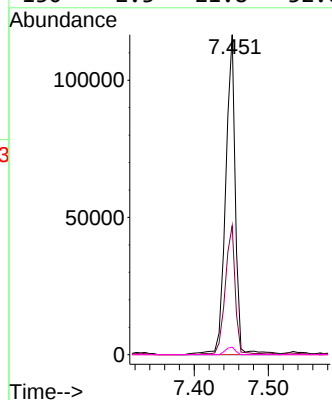


#19  
n-Nitroso-di-n-propylamine  
Concen: 11.131 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.135 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)

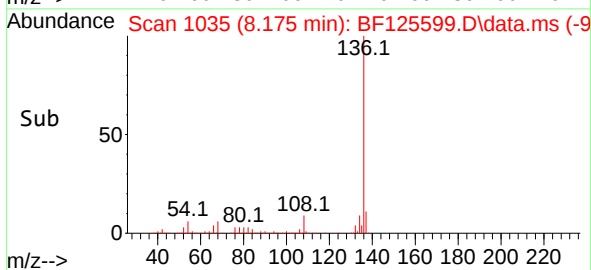
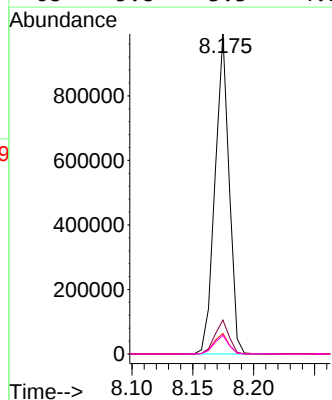
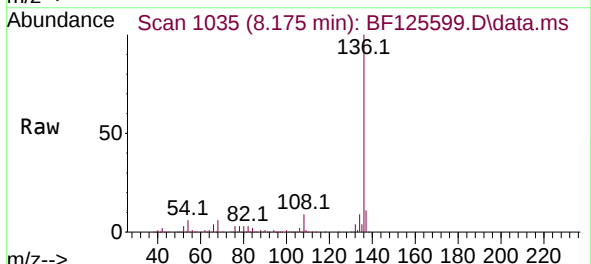


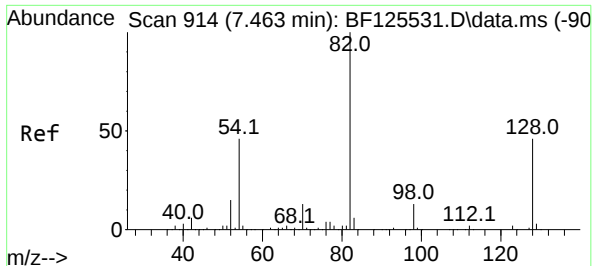
Tgt Ion: 70 Resp: 106992  
Ion Ratio Lower Upper  
70 100  
42 40.3 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.3 21.8 32.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Tgt Ion: 136 Resp: 802179  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.8 14.6  
54 6.4 6.4 9.6#  
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.459 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125599.D

Acq: 23 Sep 2021 19:07

Tgt Ion: 82 Resp: 823276

Ion Ratio Lower Upper

82 100

128 48.3 40.6 60.8

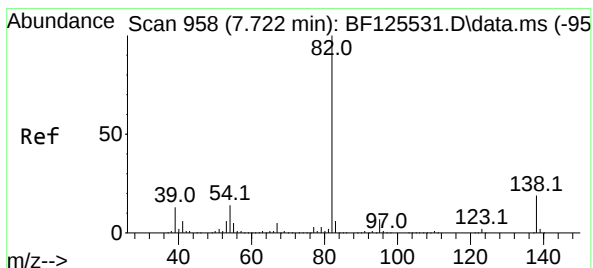
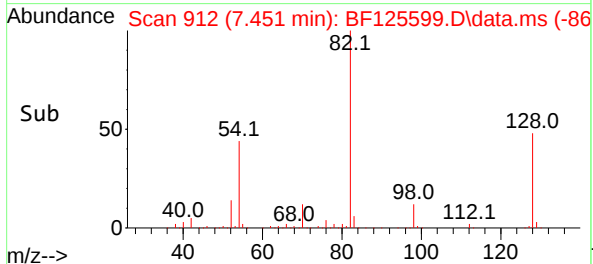
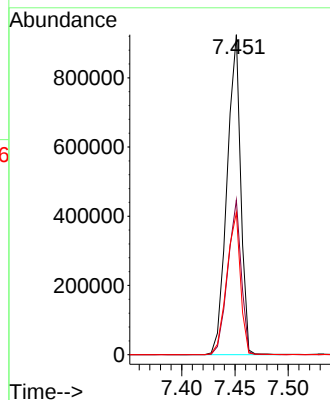
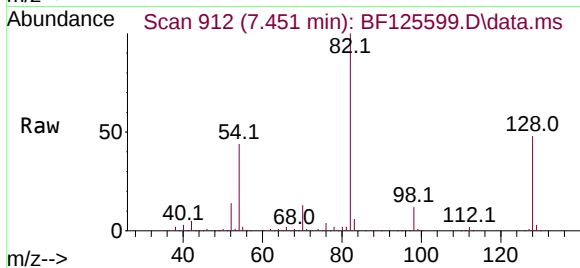
54 44.4 49.6 74.4#

Instrument :

BNA\_F

ClientSampleId :

NAPL-07-(15-18)



#25

Isophorone

Concen: 30.190 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125599.D

Acq: 23 Sep 2021 19:07

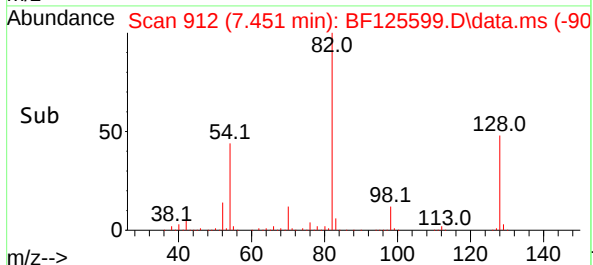
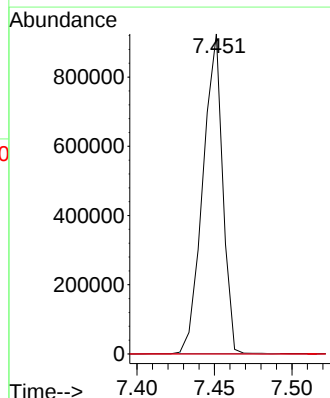
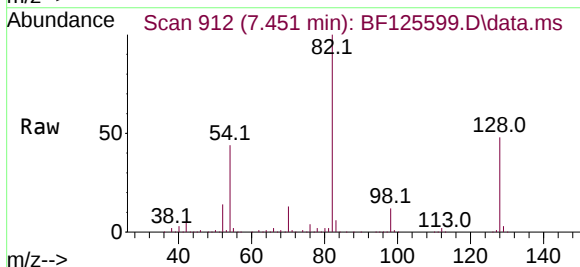
Tgt Ion: 82 Resp: 817115

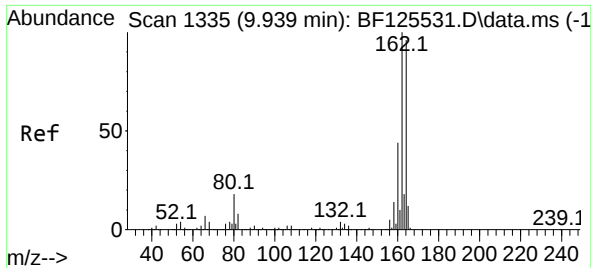
Ion Ratio Lower Upper

82 100

95 0.1 6.5 9.7#

138 0.0 18.4 27.6#

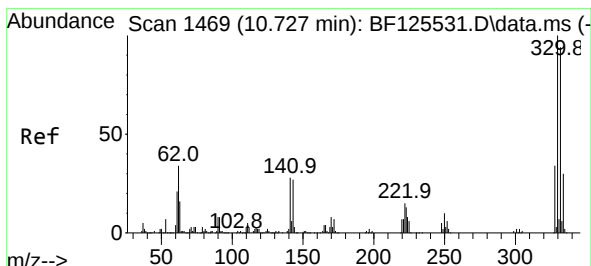
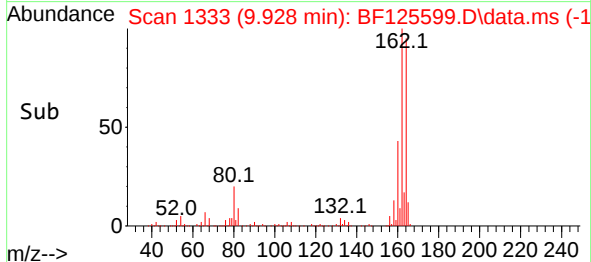
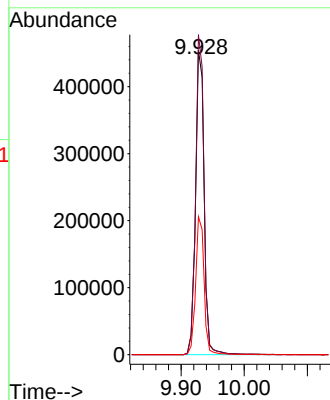
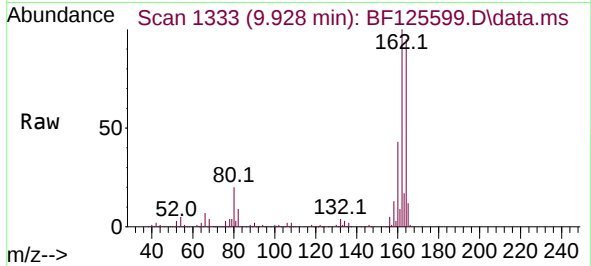




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.011 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

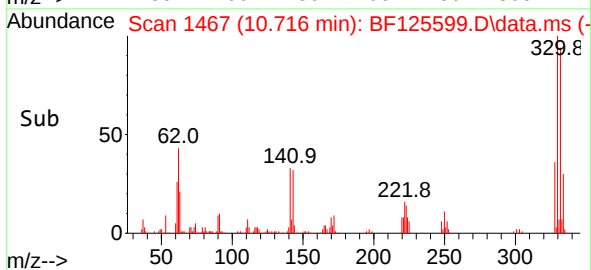
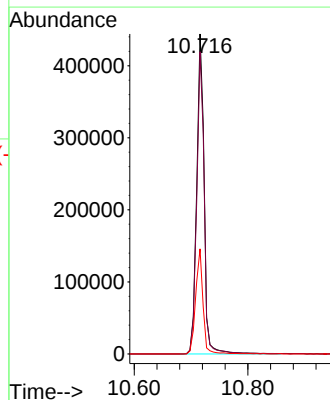
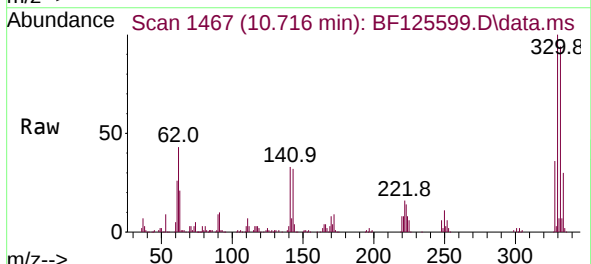
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NAPL-07-(15-18)

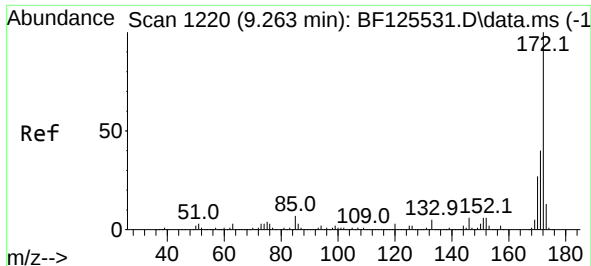
Tgt Ion:164 Resp: 427430  
Ion Ratio Lower Upper  
164 100  
162 105.1 81.3 121.9  
160 45.3 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 97.345 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.012 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Tgt Ion:330 Resp: 407538  
Ion Ratio Lower Upper  
330 100  
332 94.4 76.2 114.4  
141 32.4 44.6 66.8#

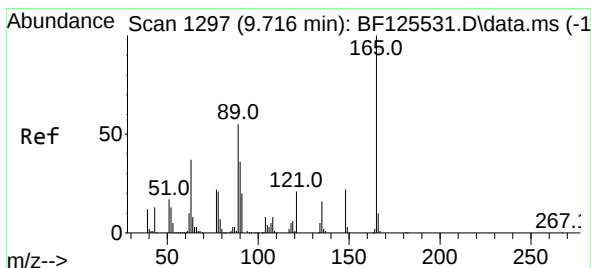
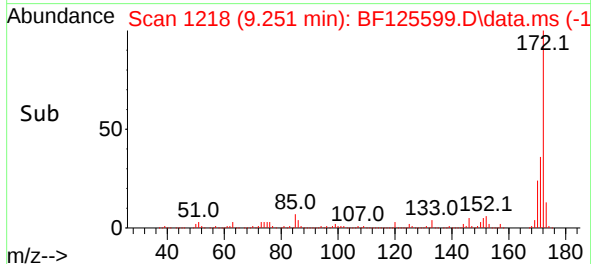
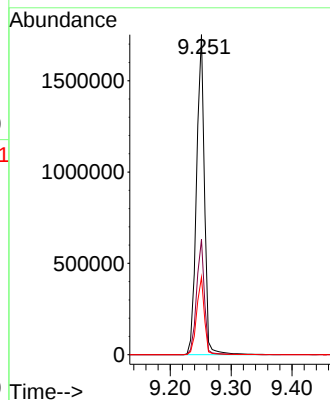
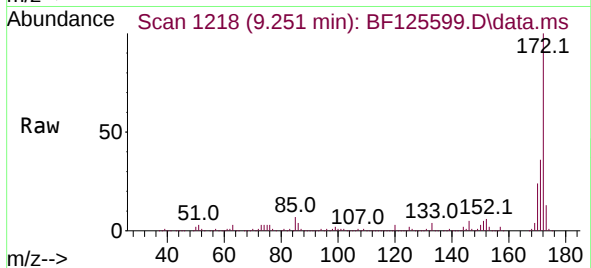




#45  
2-Fluorobiphenyl  
Concen: 64.605 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

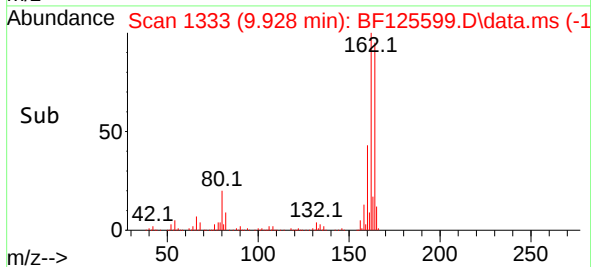
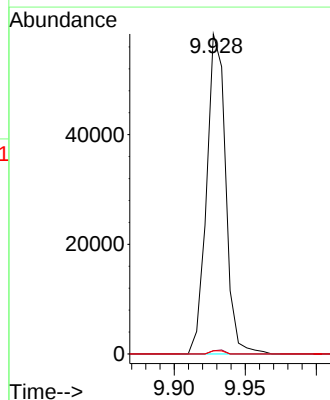
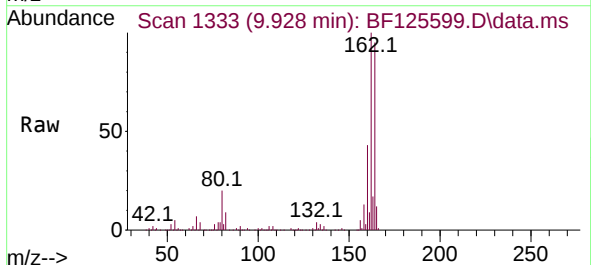
Instrument :  
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NAPL-07-(15-18)

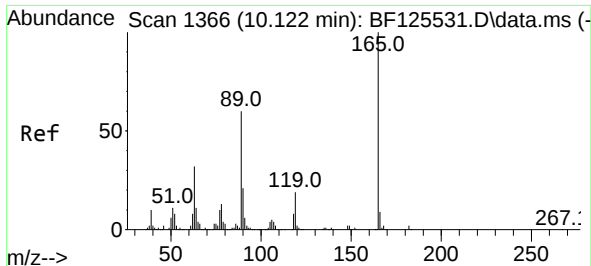
Tgt Ion:172 Resp: 1589334  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 24.2 18.8 28.2



#51  
2,6-Dinitrotoluene  
Concen: 9.295 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. 0.212 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Tgt Ion:165 Resp: 54402  
Ion Ratio Lower Upper  
165 100  
63 1.0 42.6 63.8#  
89 1.0 40.6 60.8#

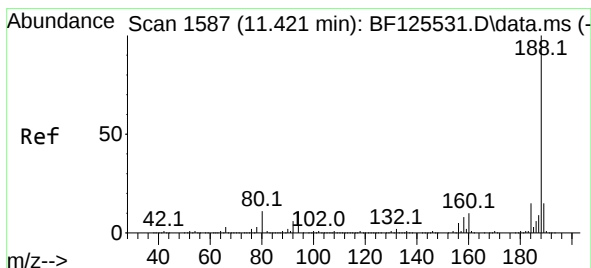
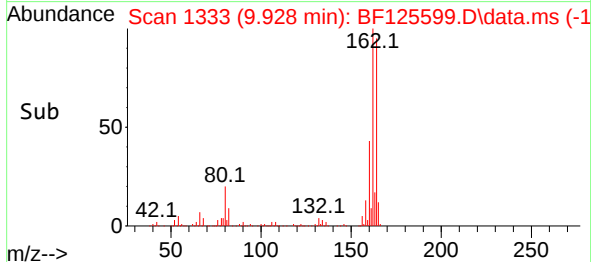
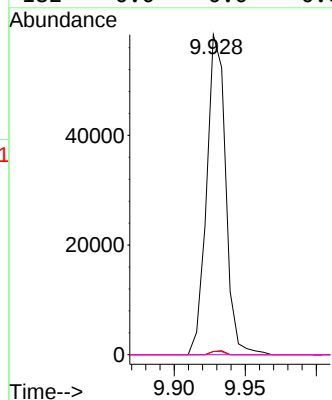
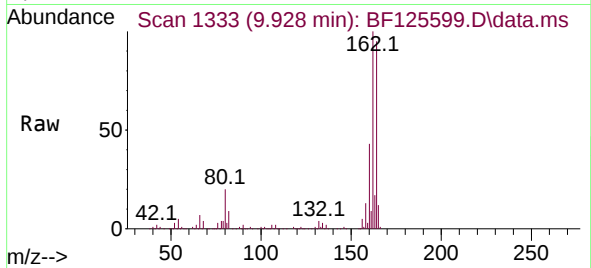




#57  
2,4-Dinitrotoluene  
Concen: 7.756 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.194 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

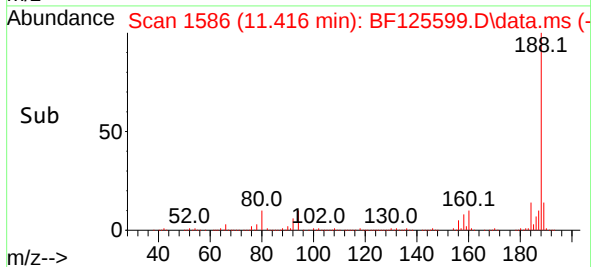
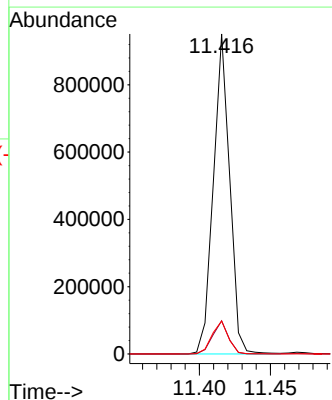
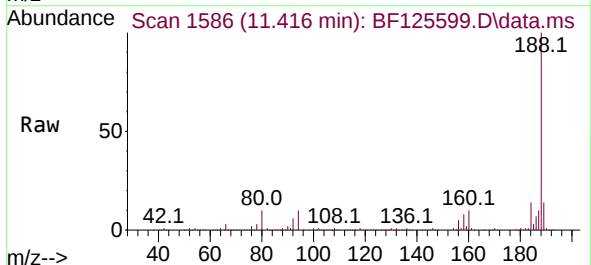
Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)

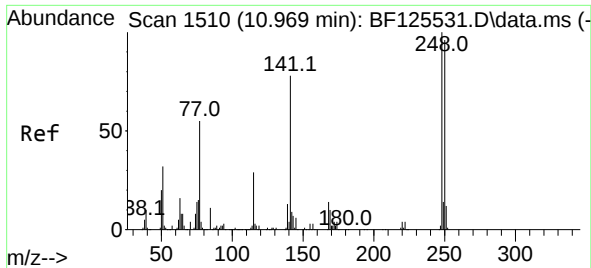
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 54402      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 1.0   | 40.9 61.3# |
| 89          | 1.0   | 59.7 89.5# |
| 182         | 0.0   | 0.0 0.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:188 | Resp: | 761770    |
| Ion Ratio   | Lower | Upper     |
| 188         | 100   |           |
| 94          | 10.3  | 6.7 10.1# |
| 80          | 10.3  | 7.5 11.3  |

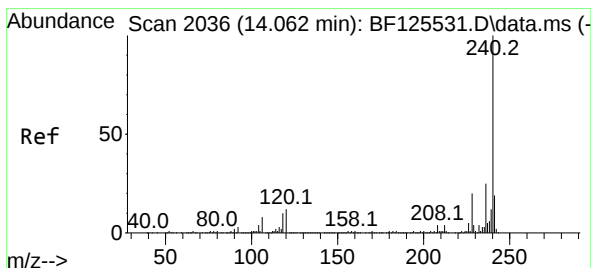
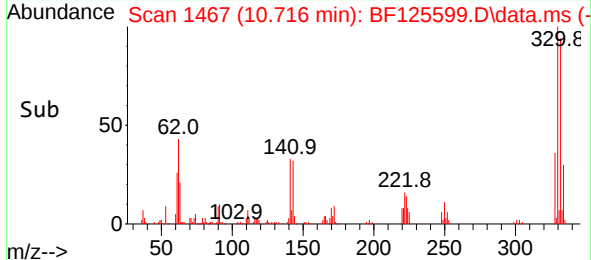
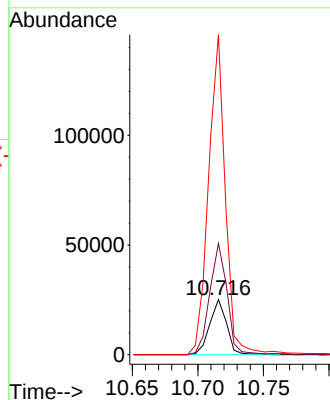
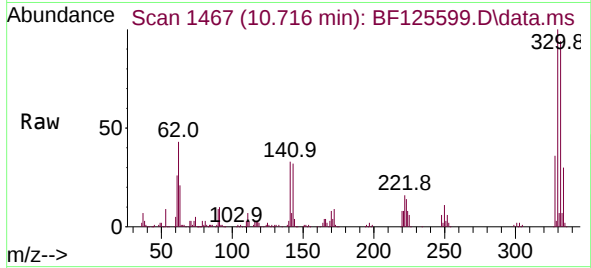




#67  
4-Bromophenyl-phenylether  
Concen: 2.609 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.253 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

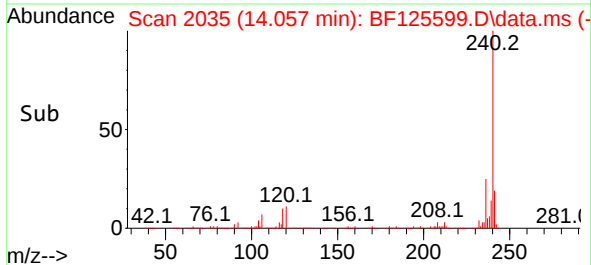
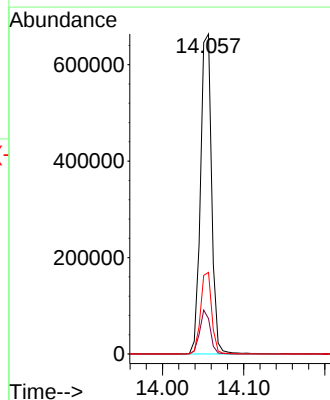
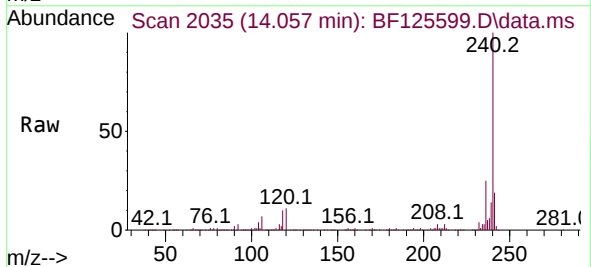
Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)

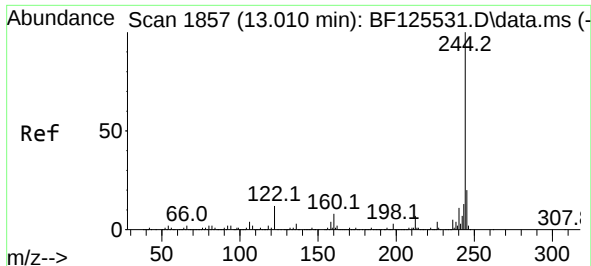
Tgt Ion:248 Resp: 22714  
Ion Ratio Lower Upper  
248 100  
250 201.2 74.2 111.4#  
141 578.9 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

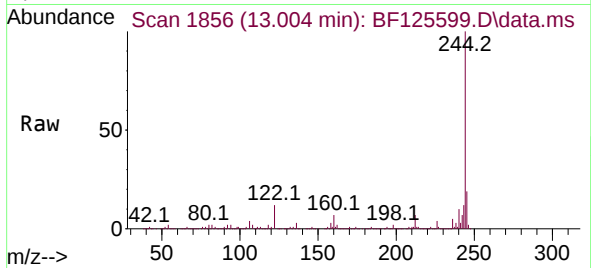
Tgt Ion:240 Resp: 633376  
Ion Ratio Lower Upper  
240 100  
120 11.1 10.8 16.2  
236 25.5 21.6 32.4



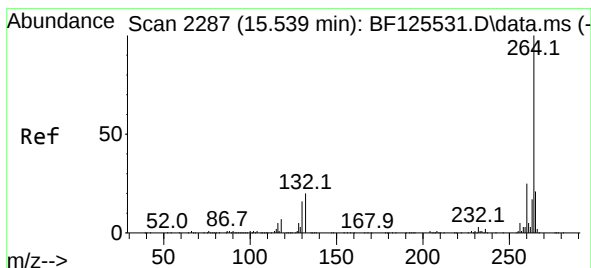
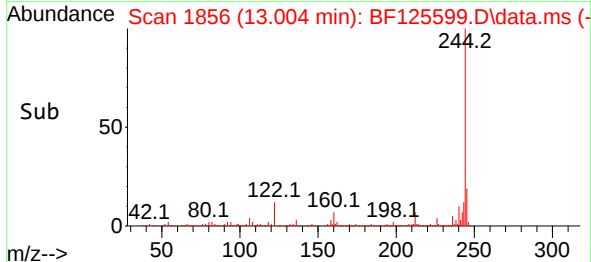
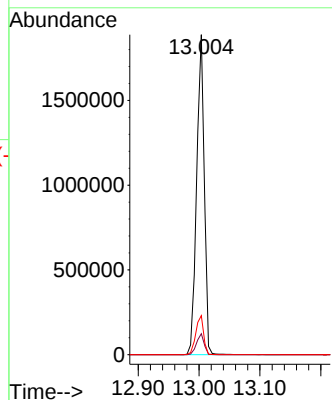


#79  
Terphenyl-d14  
Concen: 41.921 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
NAPL-07-(15-18)



Tgt Ion:244 Resp: 1644241  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.9 8.9  
122 12.2 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: BF125599.D  
Acq: 23 Sep 2021 19:07

Tgt Ion:264 Resp: 576242  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 20.3 17.2 25.8

