

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125562.D
 Acq On : 22 Sep 2021 16:49
 Operator : JU/CG
 Sample : M3750-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-04-(25-27)

Quant Time: Sep 22 17:15:59 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)

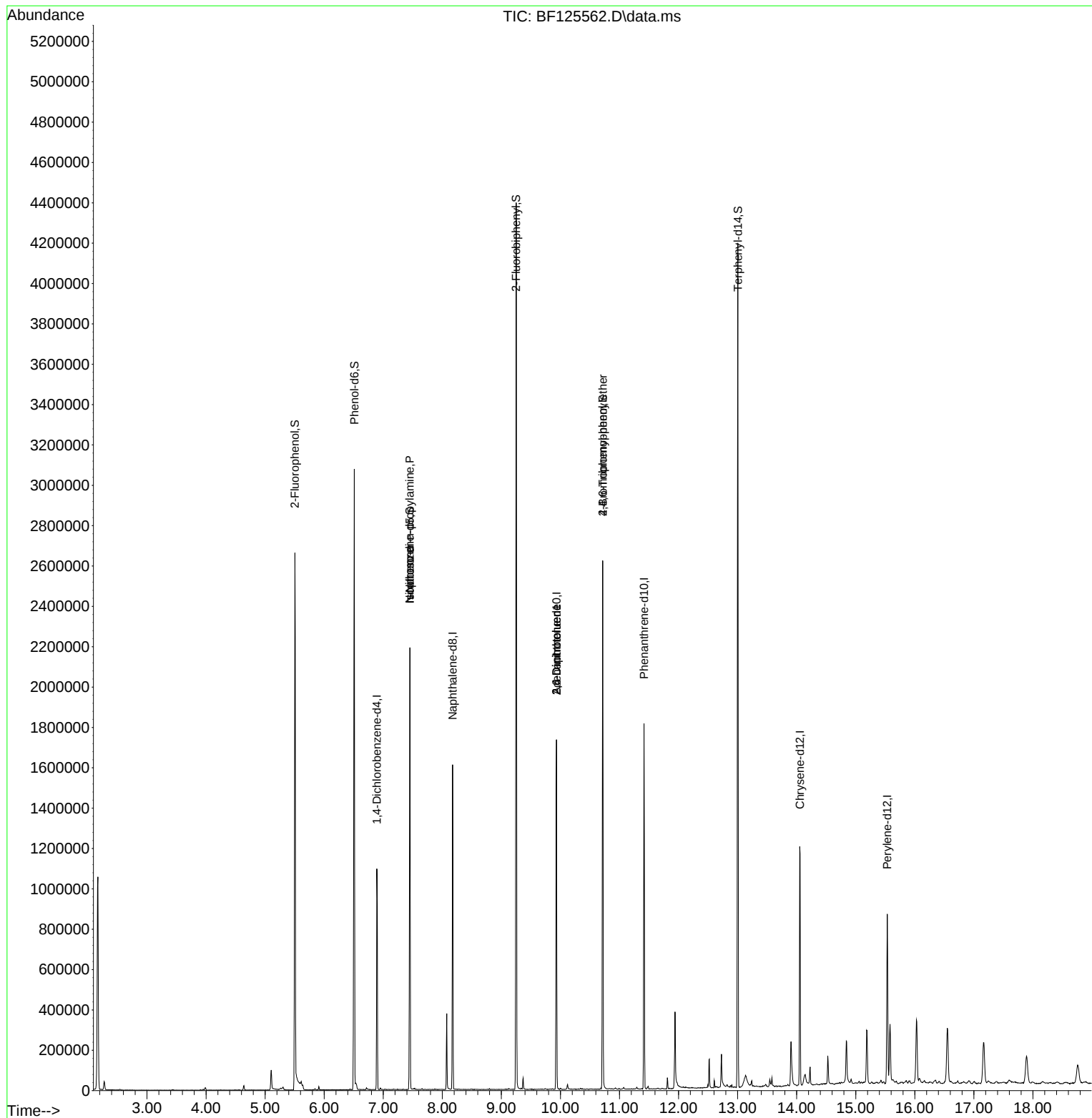
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	164365	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	683622	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	361041	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	632699	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	413099	20.000	ng	0.00
86) Perylene-d12	15.533	264	353833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	884789	85.126	ng	0.00
7) Phenol-d6	6.510	99	1085368	80.991	ng	-0.01
23) Nitrobenzene-d5	7.451	82	643686	60.056	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	312358	88.330	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1340689	64.501	ng	-0.01
79) Terphenyl-d14	13.004	244	1340561	52.403	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	1344	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	81093	10.110	ng	# 51
25) Isophorone	7.451	82	643256	27.889	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	44432	8.988	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	44432	7.500	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	17850	2.469	ng	# 1

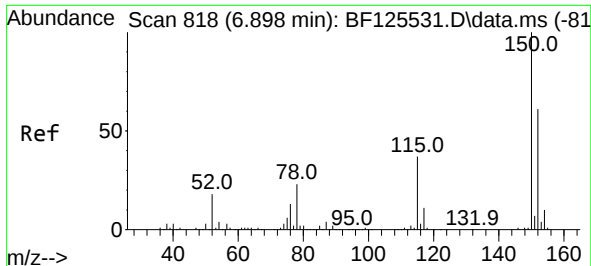
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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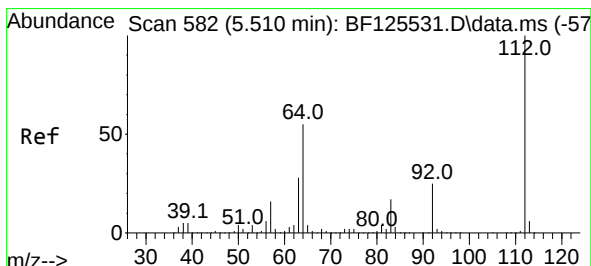
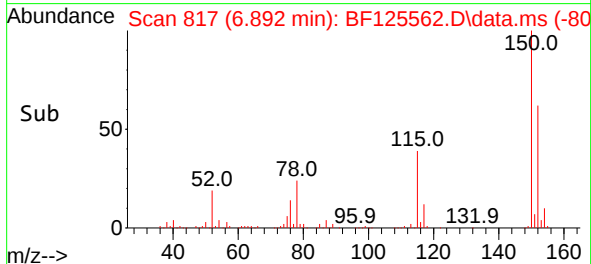
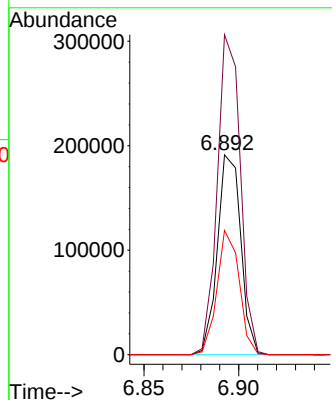
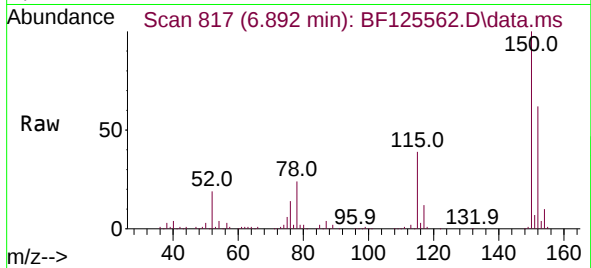




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

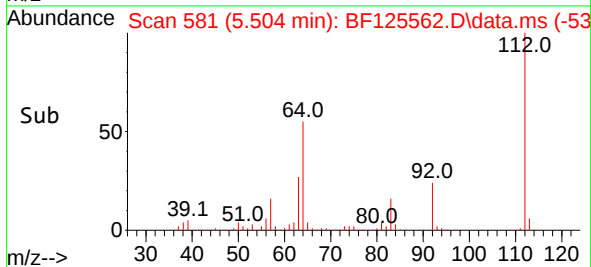
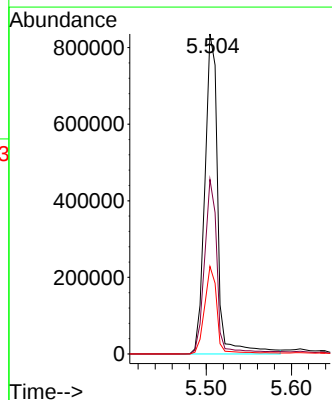
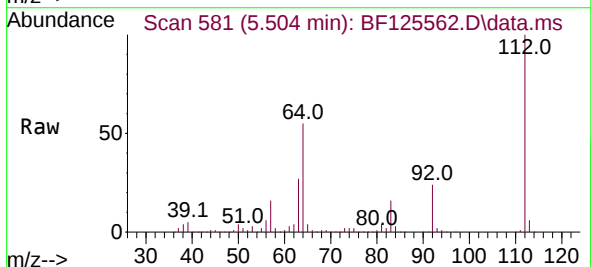
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

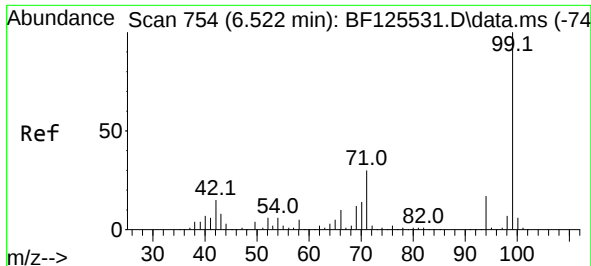
Tgt Ion:152 Resp: 164365
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 85.126 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion:112 Resp: 884789
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.4 26.2 39.2

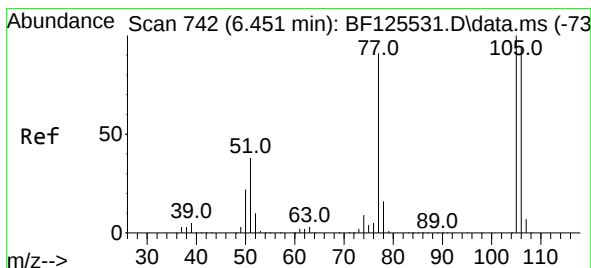
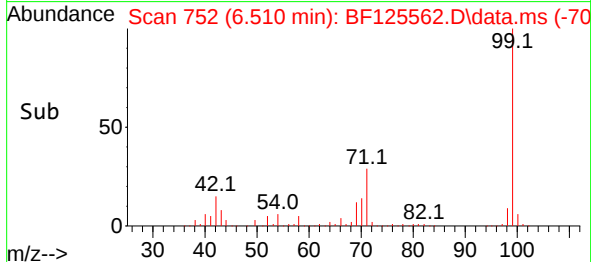
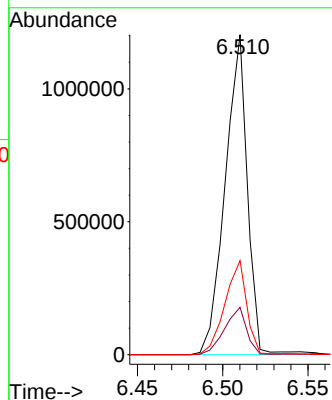
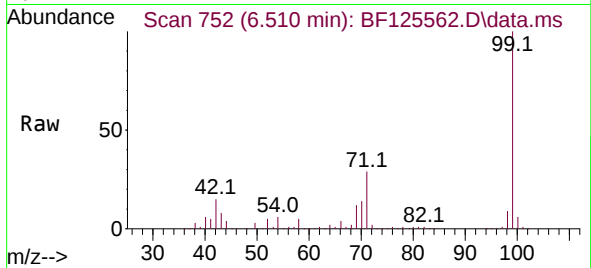




#7
Phenol-d6
Concen: 80.991 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

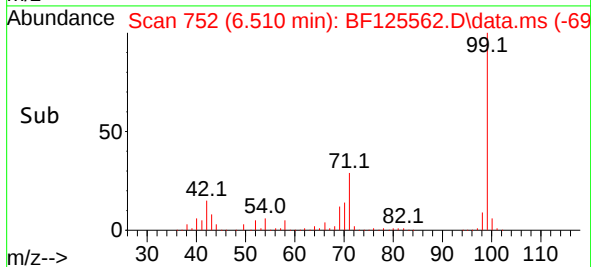
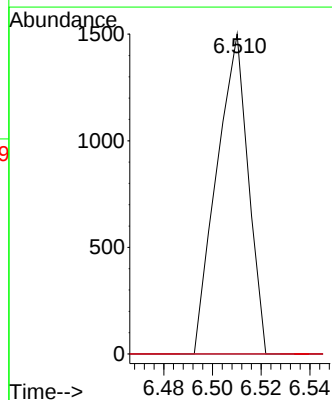
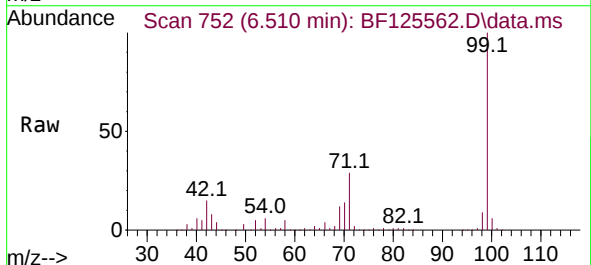
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

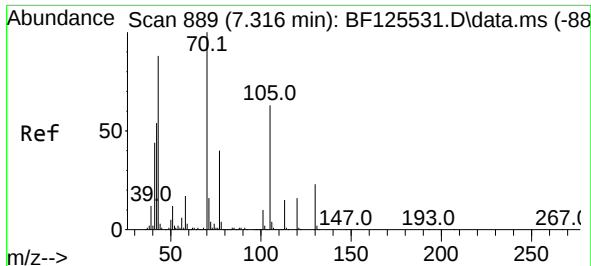
Tgt Ion: 99 Resp: 1085368
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 29.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

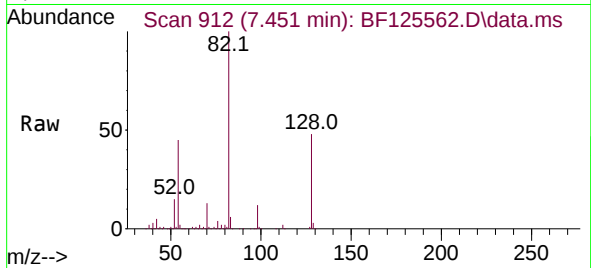
Tgt Ion: 77 Resp: 1344
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



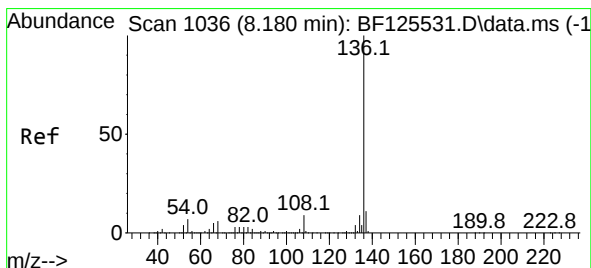
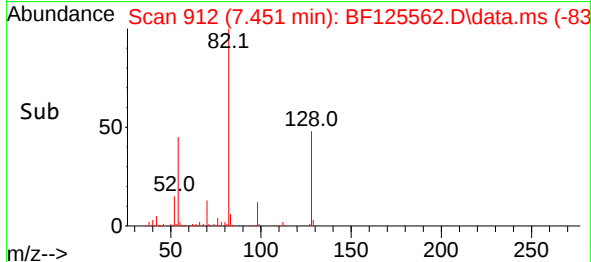
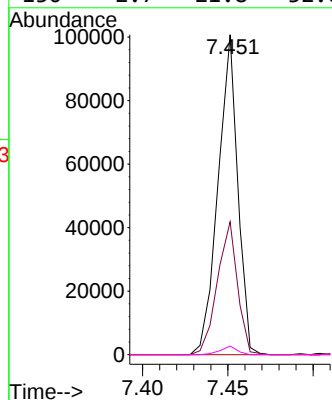


#19
n-Nitroso-di-n-propylamine
Concen: 10.110 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

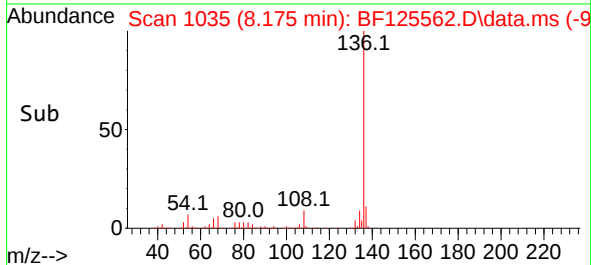
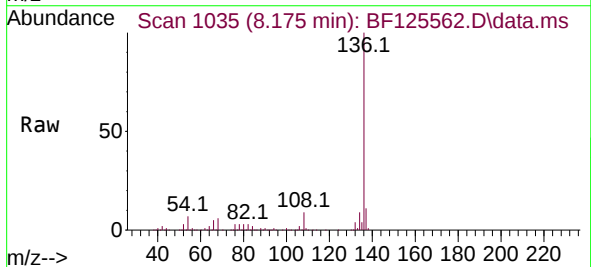
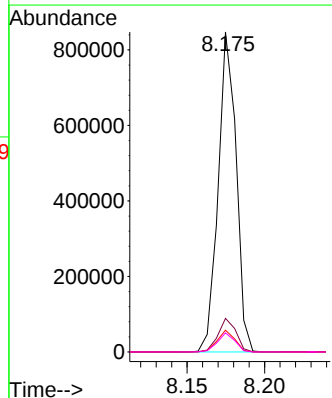


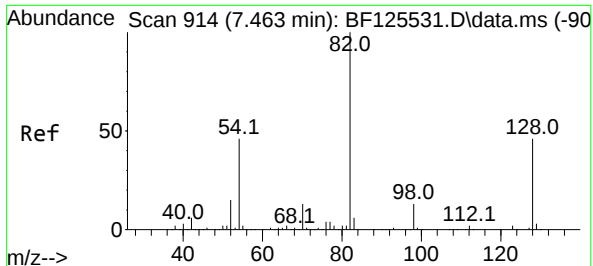
Tgt Ion: 70 Resp: 81093
Ion Ratio Lower Upper
70 100
42 41.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion: 136 Resp: 683622
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.8 6.4 9.6
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 60.056 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125562.D

Acq: 22 Sep 2021 16:49

Tgt Ion: 82 Resp: 643686

Ion Ratio Lower Upper

82 100

128 47.7 40.6 60.8

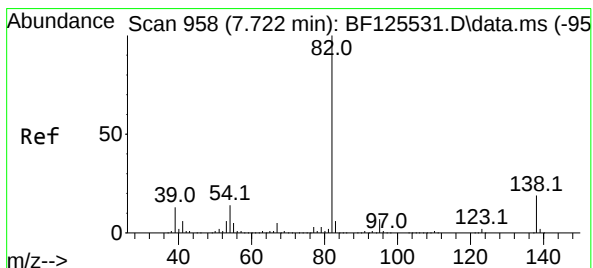
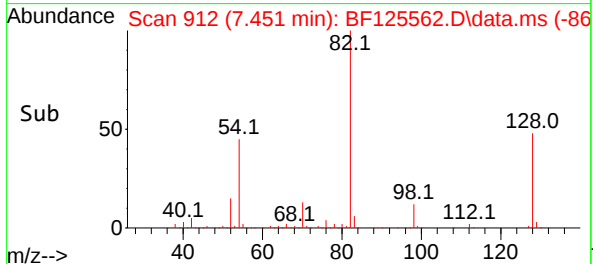
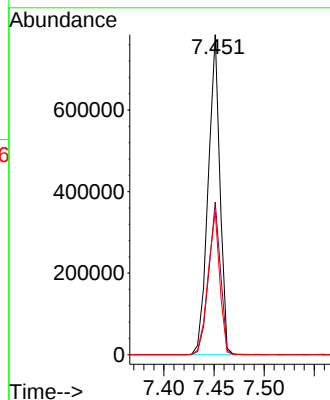
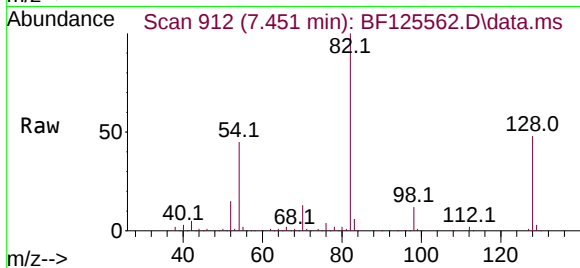
54 44.7 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-04-(25-27)



#25

Isophorone

Concen: 27.889 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125562.D

Acq: 22 Sep 2021 16:49

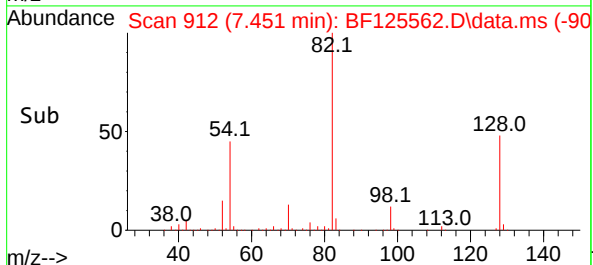
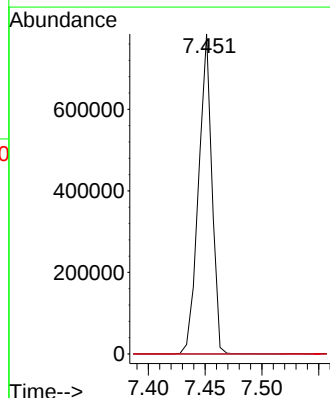
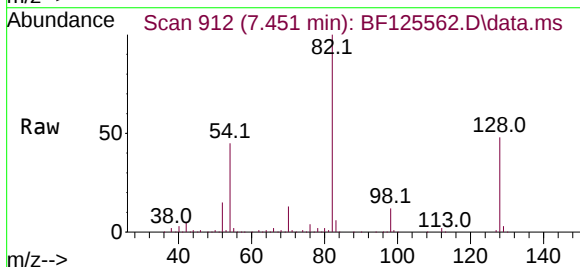
Tgt Ion: 82 Resp: 643256

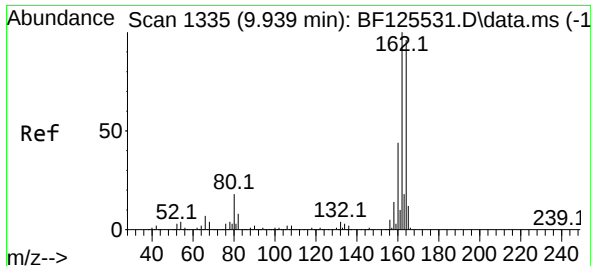
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125562.D

Acq: 22 Sep 2021 16:49

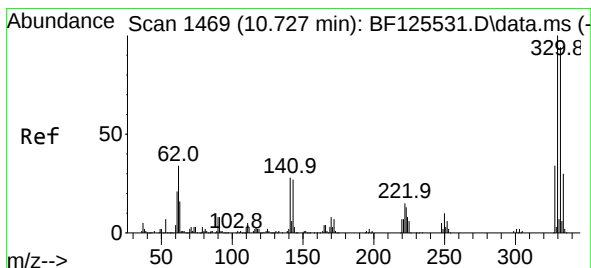
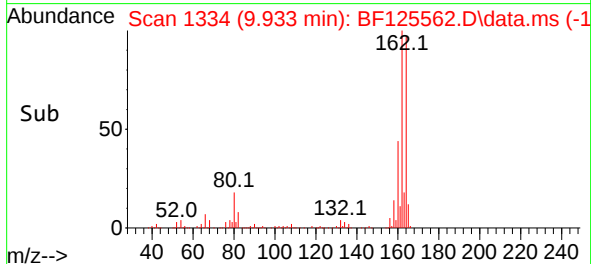
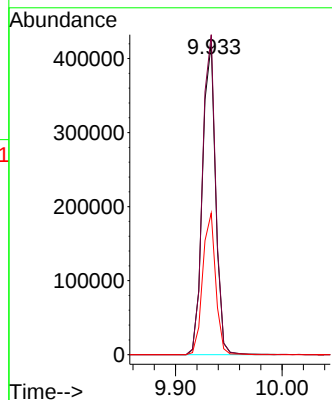
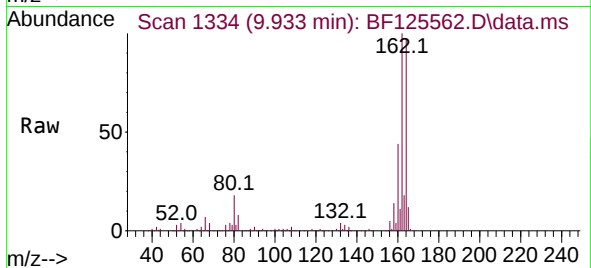
Tgt Ion:164 Resp: 361041

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 45.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 88.330 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125562.D

Acq: 22 Sep 2021 16:49

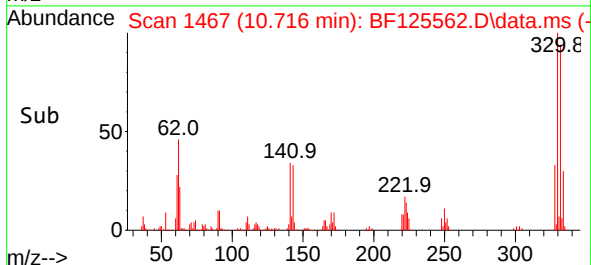
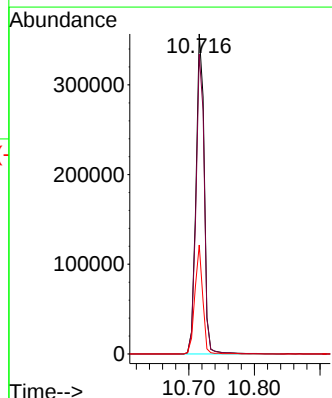
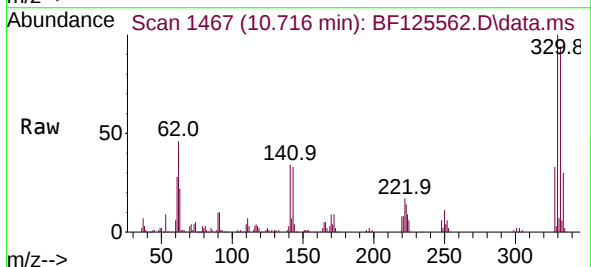
Tgt Ion:330 Resp: 312358

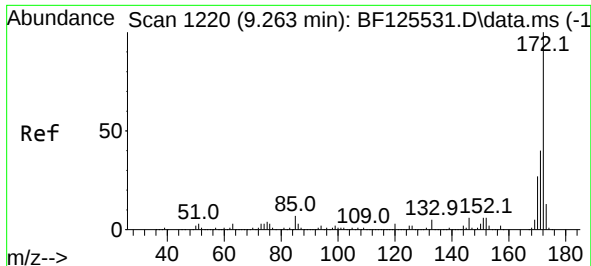
Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 32.1 44.6 66.8#

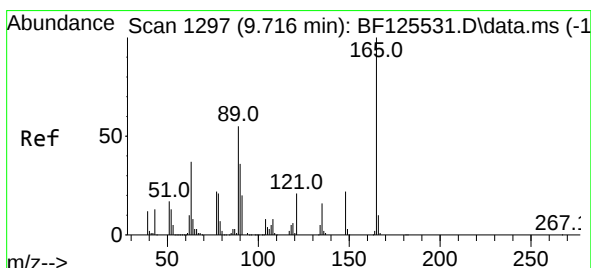
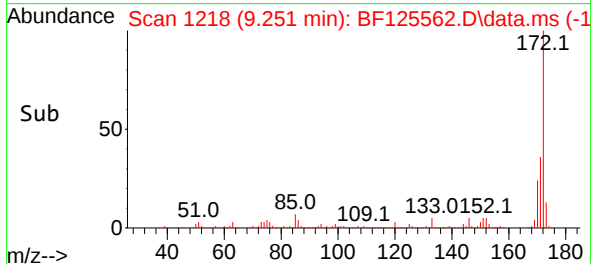
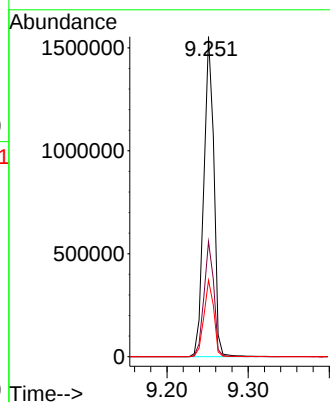
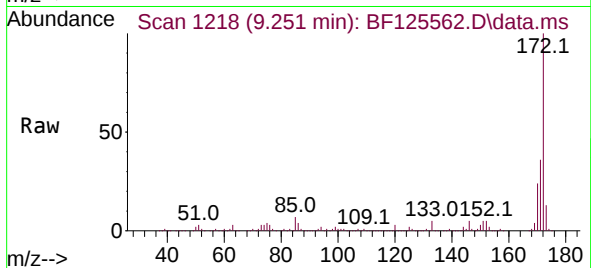




#45
2-Fluorobiphenyl
Concen: 64.501 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

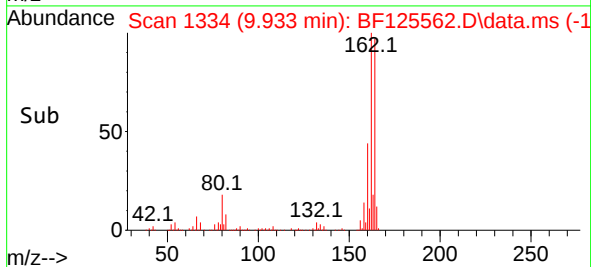
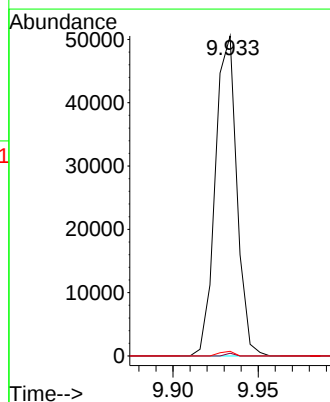
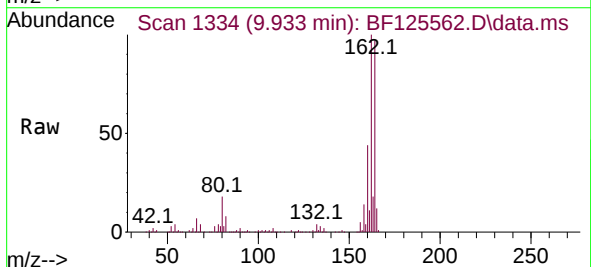
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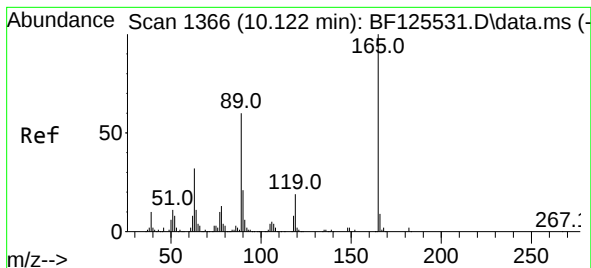
Tgt Ion:172 Resp: 1340689
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.988 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion:165 Resp: 44432
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.4 40.6 60.8#

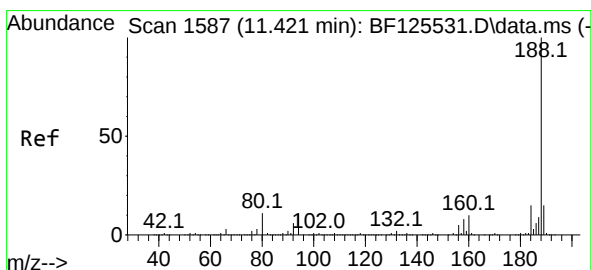
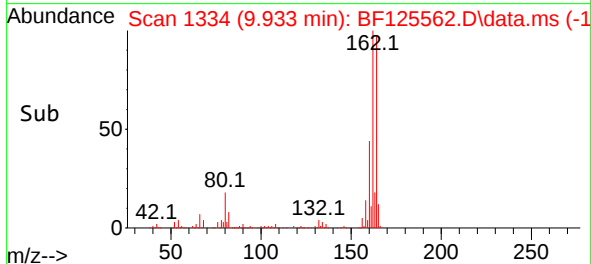
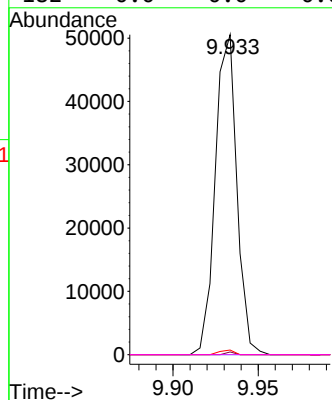
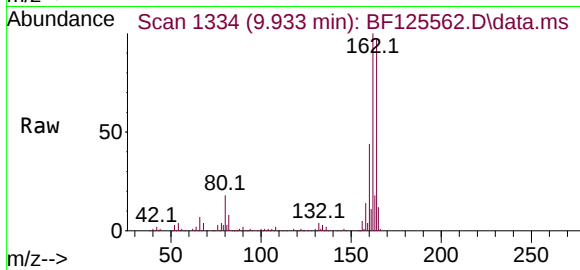




#57
2,4-Dinitrotoluene
Concen: 7.500 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

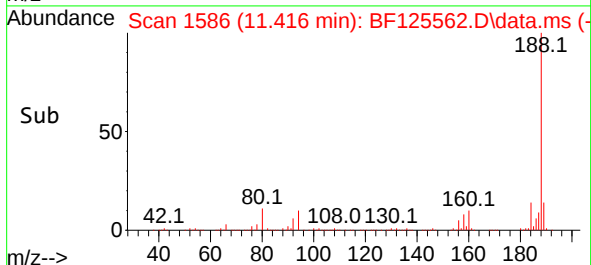
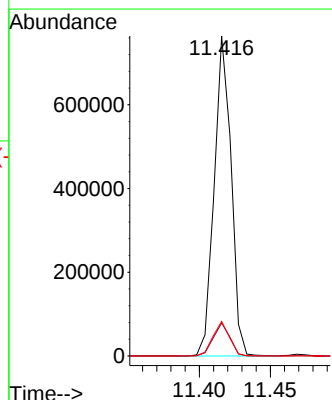
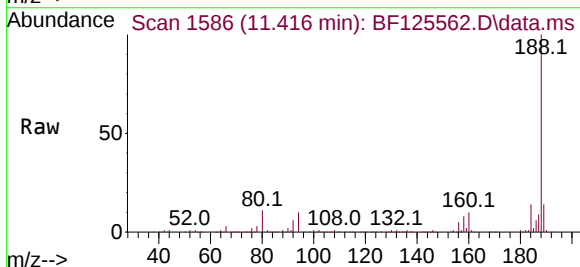
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

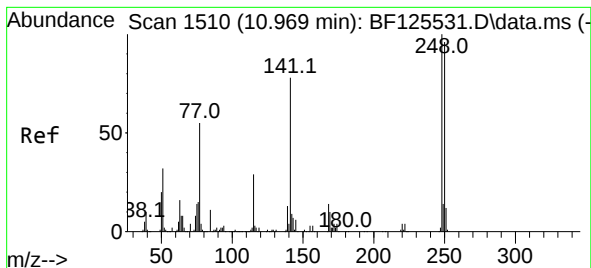
Tgt Ion:165 Resp: 44432
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion:188 Resp: 632699
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.8 7.5 11.3

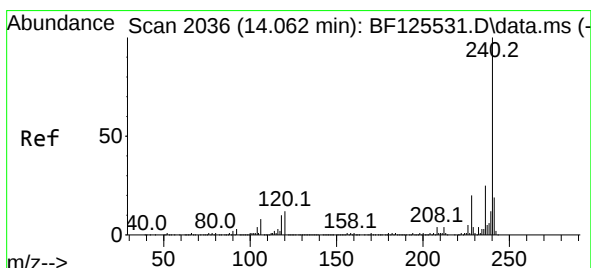
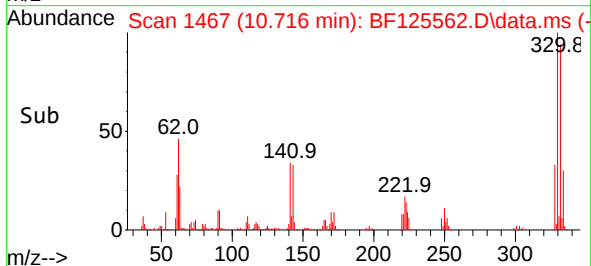
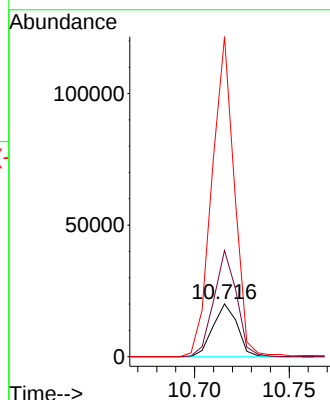
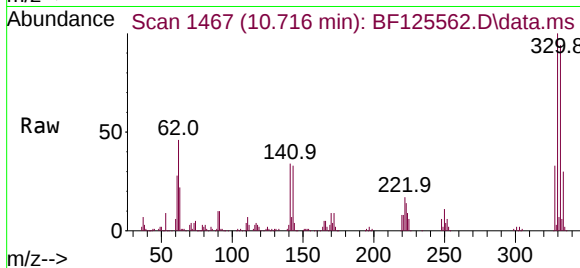




#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

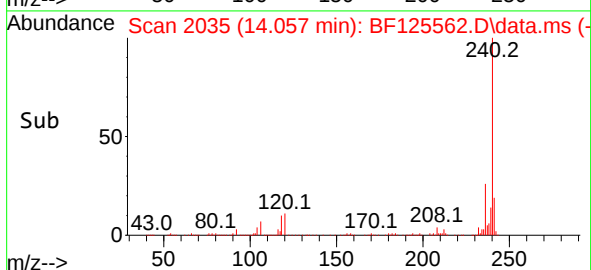
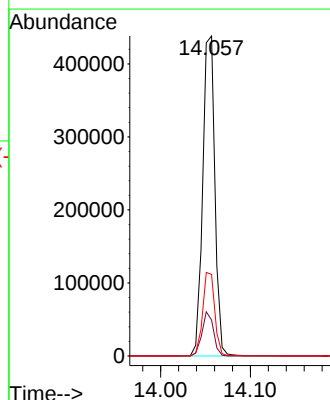
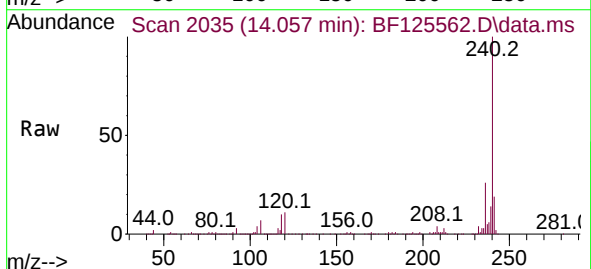
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

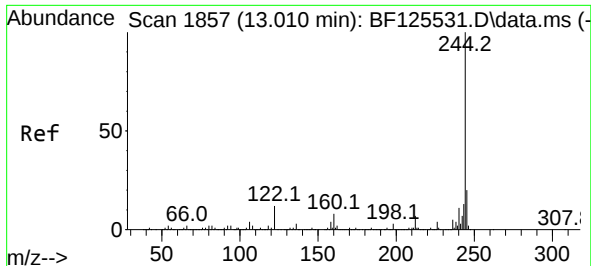
Tgt Ion:248 Resp: 17850
Ion Ratio Lower Upper
248 100
250 201.3 74.2 111.4#
141 606.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion:240 Resp: 413099
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.5 21.6 32.4

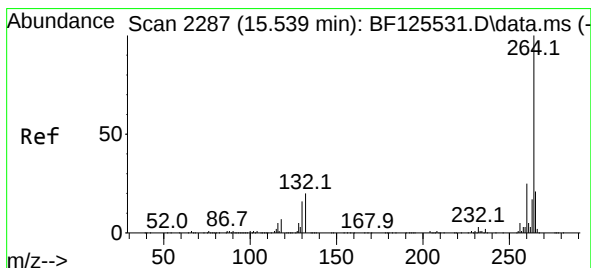
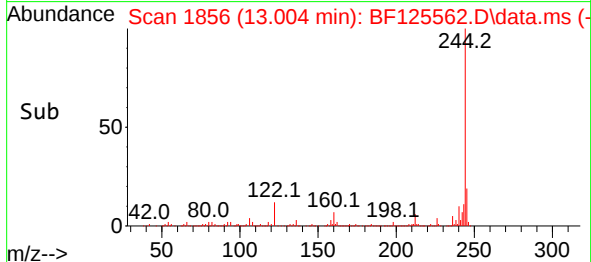
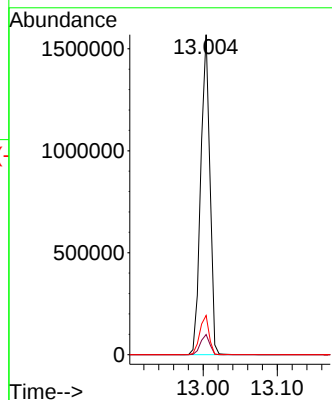
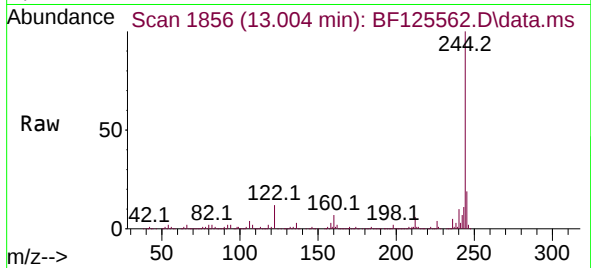




#79
Terphenyl-d14
Concen: 52.403 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125562.D
Acq: 22 Sep 2021 16:49

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(25-27)

Tgt Ion:244 Resp: 1340561
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 12.3 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: BF125562.D
Acq: 22 Sep 2021 16:49

Tgt Ion:264 Resp: 353833
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.3 17.2 25.8

