

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125558.D
 Acq On : 22 Sep 2021 14:26
 Operator : JU/CG
 Sample : M3750-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-04-(5-7)

Quant Time: Sep 22 14:53:20 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)

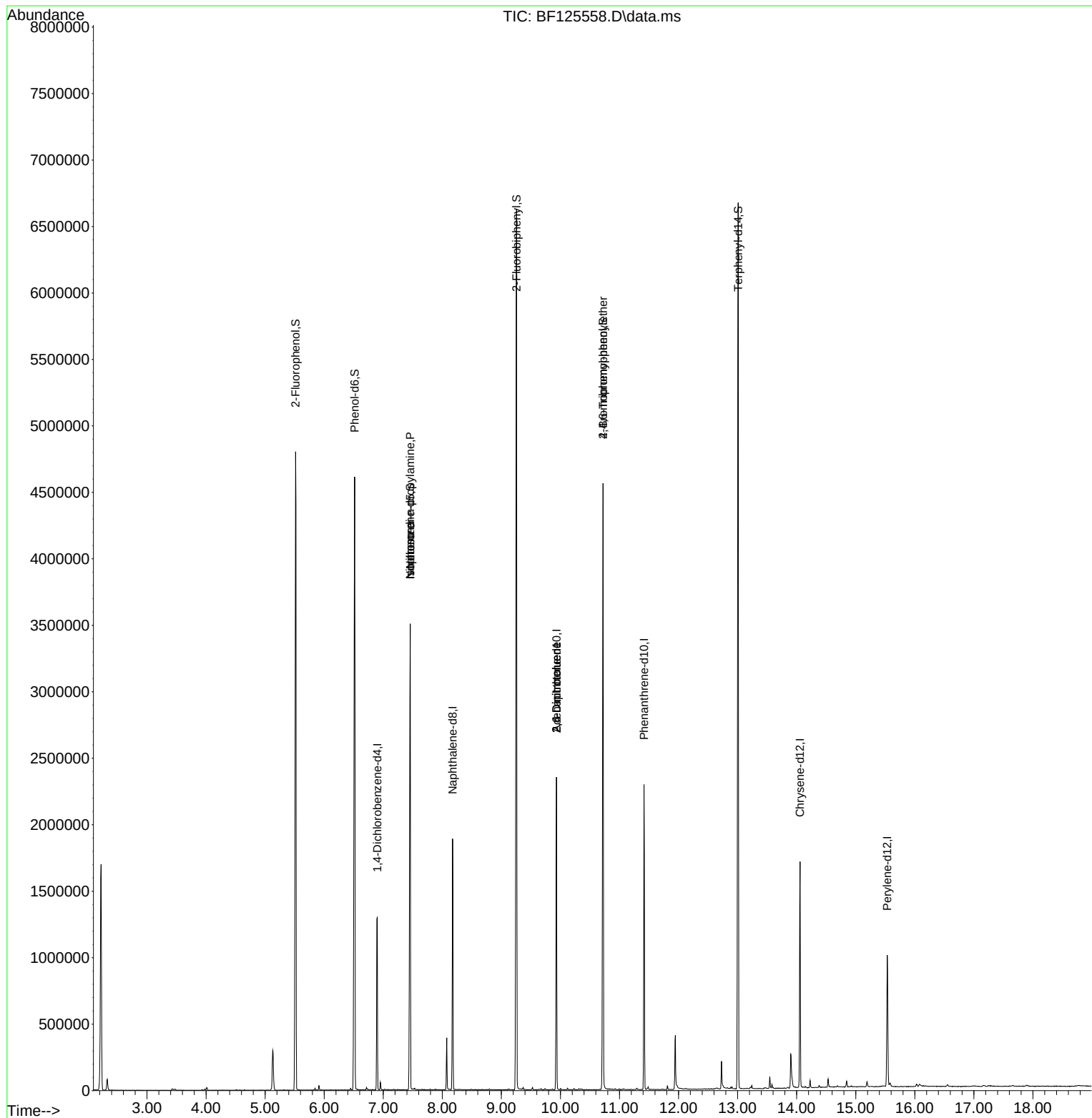
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	208677	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	869492	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	466292	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	807241	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	552027	20.000	ng	0.00
86) Perylene-d12	15.533	264	437239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1708576	129.476	ng	0.00
7) Phenol-d6	6.516	99	2118100	124.491	ng	0.00
23) Nitrobenzene-d5	7.457	82	1273279	93.402	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	620311	135.819	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2351869	92.278	ng	0.00
79) Terphenyl-d14	13.010	244	2391419	69.955	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	3014	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	164406	16.145	ng	# 51
25) Isophorone	7.457	82	1269317	43.268	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	57965	9.079	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	57965	7.576	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	34647	3.756	ng	# 1

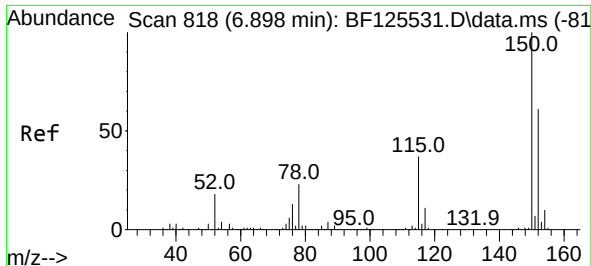
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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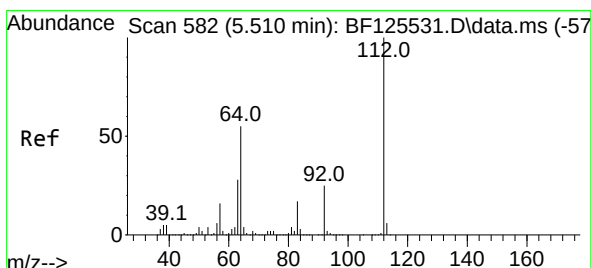
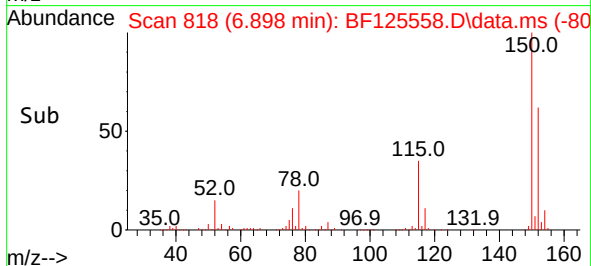
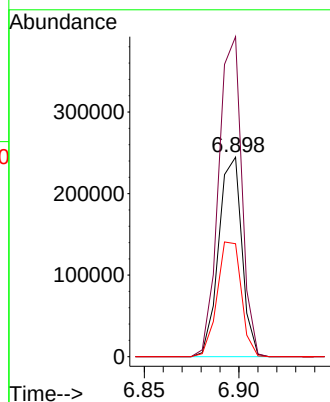
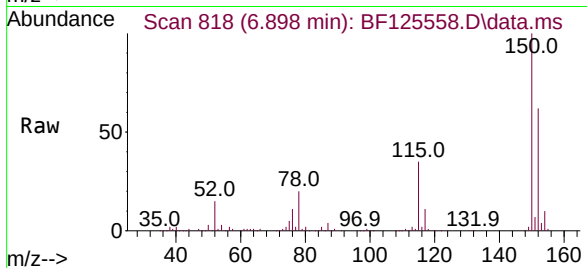


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125558.D
 Acq: 22 Sep 2021 14:26

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-04-(5-7)

Tgt Ion:152 Resp: 208677

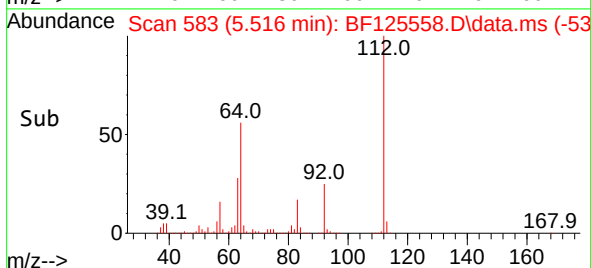
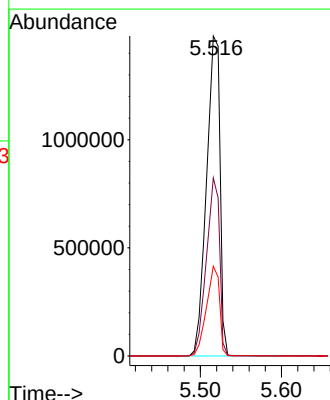
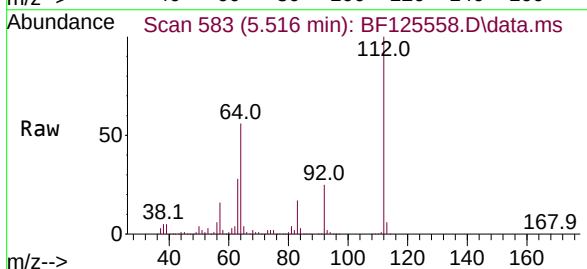
Ion	Ratio	Lower	Upper
152	100		
150	160.4	117.6	176.4
115	56.6	47.1	70.7

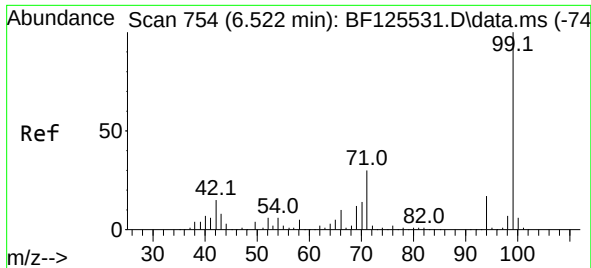


#5
 2-Fluorophenol
 Concen: 129.476 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF125558.D
 Acq: 22 Sep 2021 14:26

Tgt Ion:112 Resp: 1708576

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.2	66.2
63	28.1	26.2	39.2

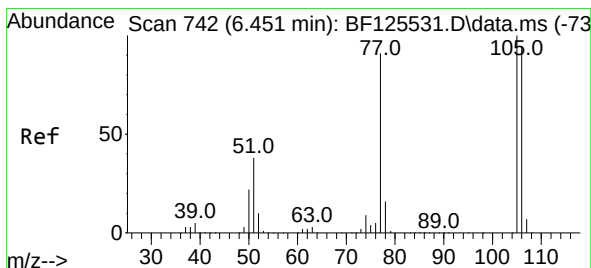
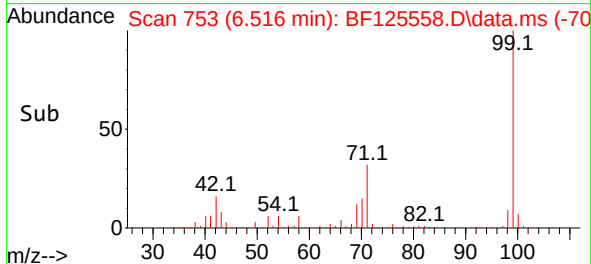
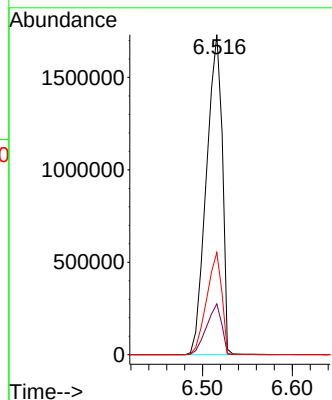
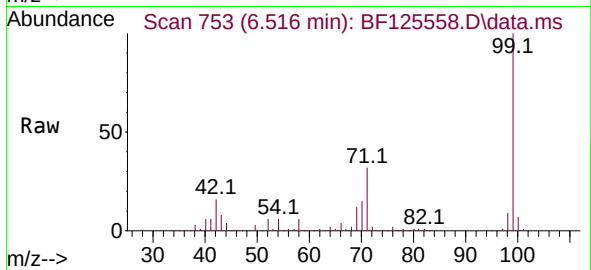




#7
Phenol-d6
Concen: 124.491 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

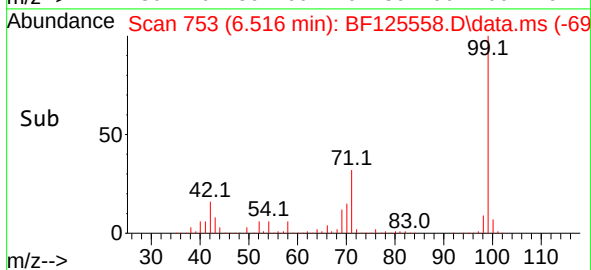
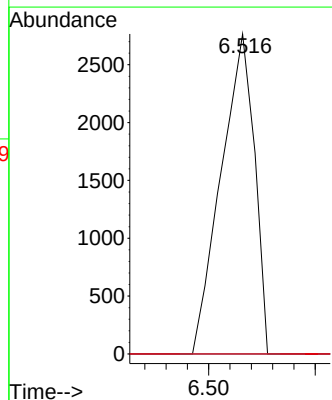
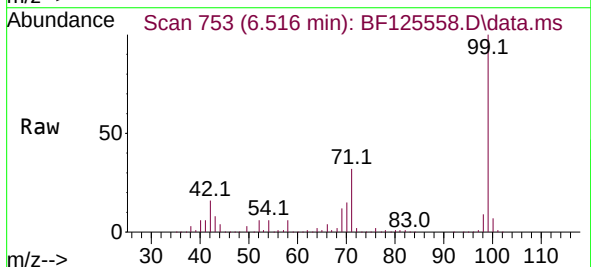
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(5-7)

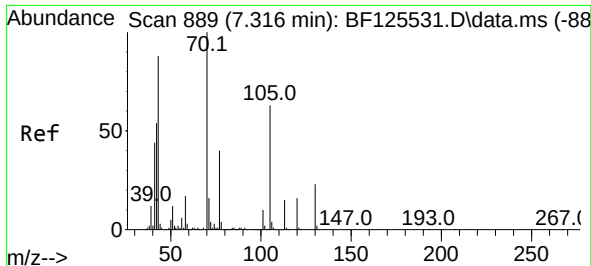
Tgt Ion: 99 Resp: 2118100
Ion Ratio Lower Upper
99 100
42 15.9 23.5 35.3#
71 32.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

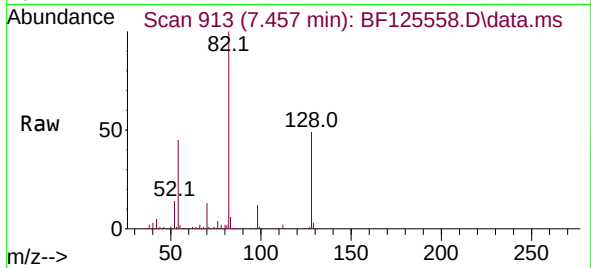
Tgt Ion: 77 Resp: 3014
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



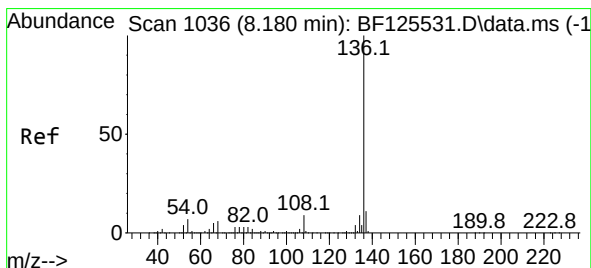
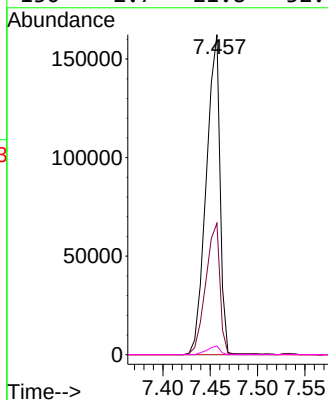
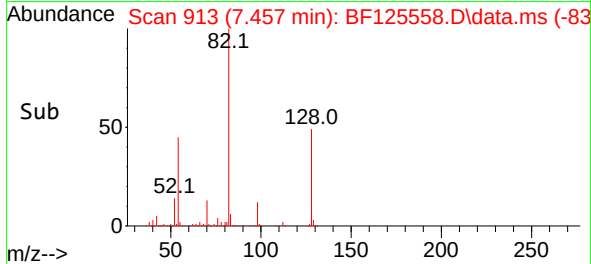


#19
n-Nitroso-di-n-propylamine
Concen: 16.145 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

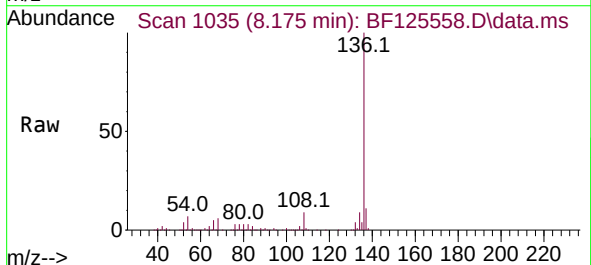
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(5-7)



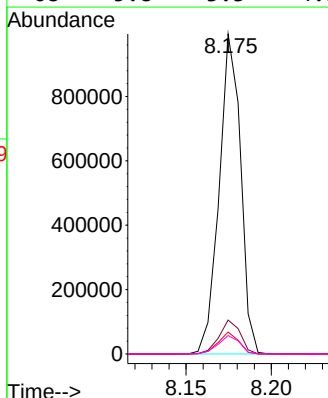
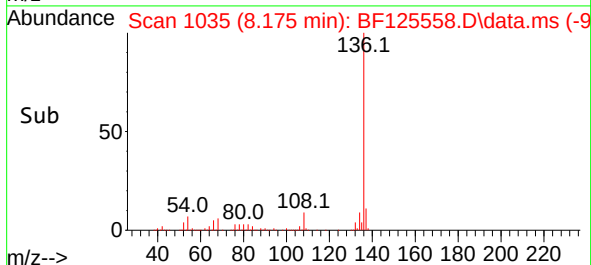
Tgt Ion: 70 Resp: 164406
Ion Ratio Lower Upper
70 100
42 41.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

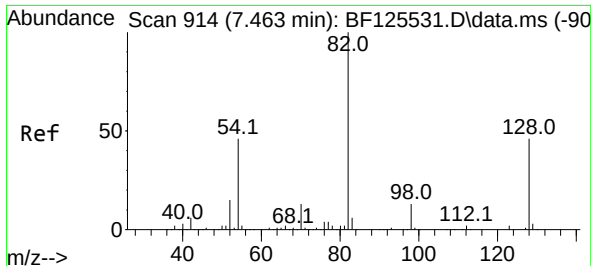


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26



Tgt Ion: 136 Resp: 869492
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.9 6.4 9.6
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 93.402 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF125558.D

Acq: 22 Sep 2021 14:26

Tgt Ion: 82 Resp: 1273279

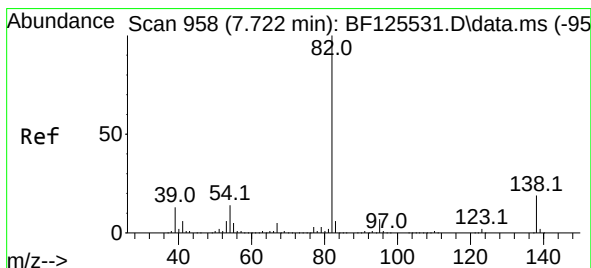
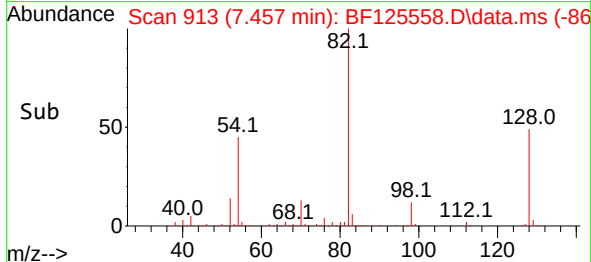
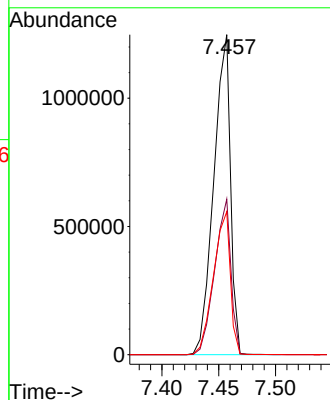
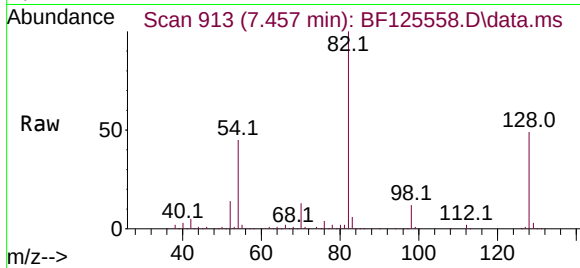
Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	60.8
54	44.7	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-04-(5-7)



#25

Isophorone

Concen: 43.268 ng

RT: 7.457 min Scan# 913

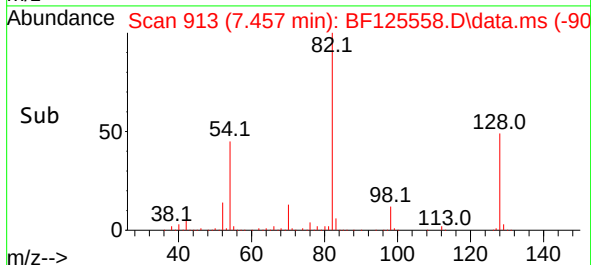
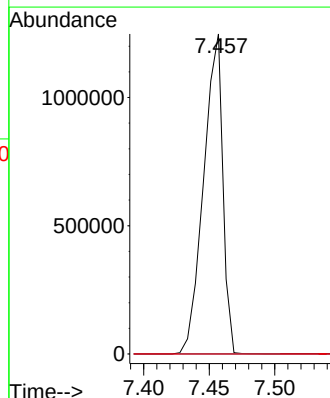
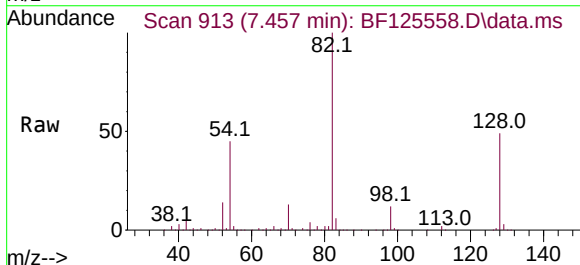
Delta R.T. -0.265 min

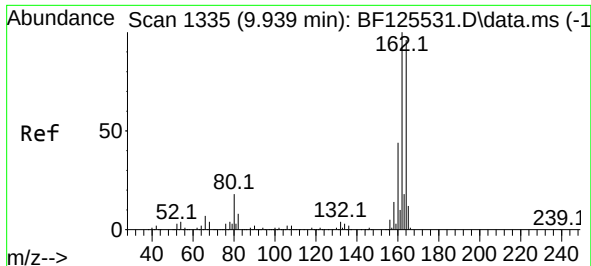
Lab File: BF125558.D

Acq: 22 Sep 2021 14:26

Tgt Ion: 82 Resp: 1269317

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: BF125558.D

Acq: 22 Sep 2021 14:26

Tgt Ion:164 Resp: 466292

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

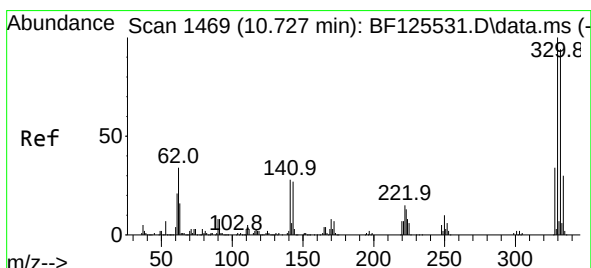
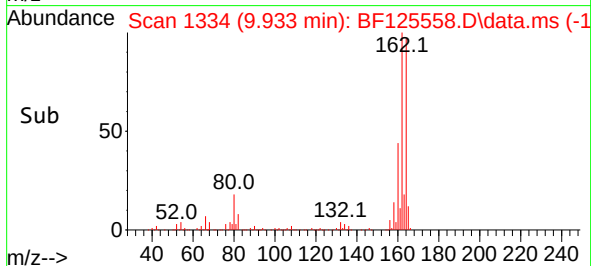
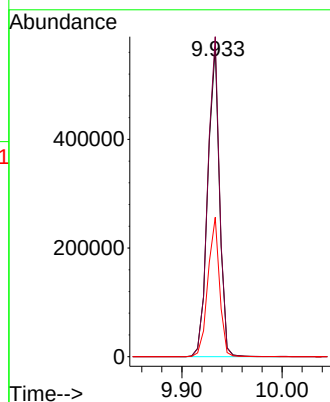
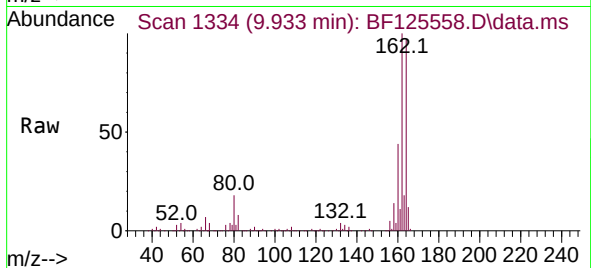
160 45.0 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-04-(5-7)



#42

2,4,6-Tribromophenol

Concen: 135.819 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125558.D

Acq: 22 Sep 2021 14:26

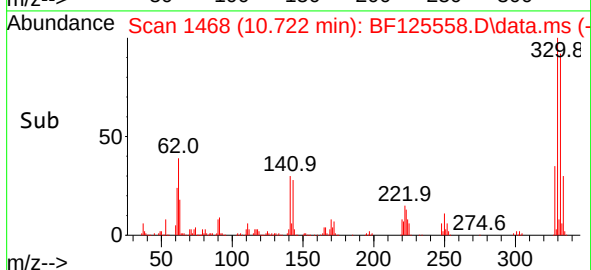
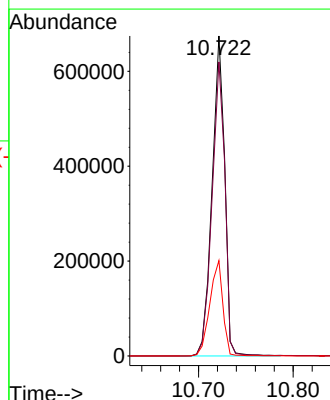
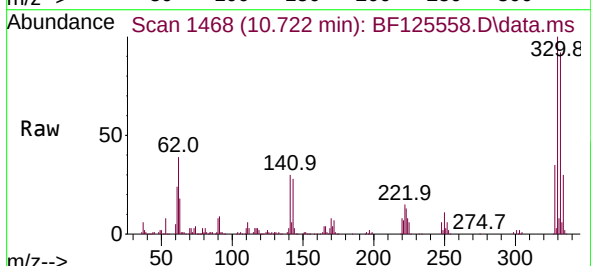
Tgt Ion:330 Resp: 620311

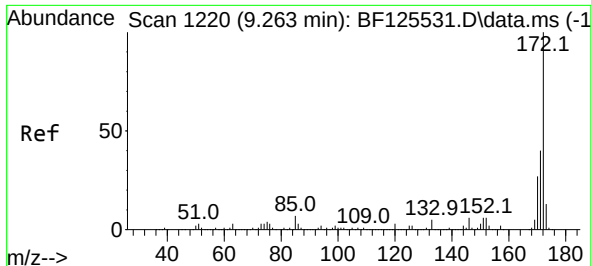
Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 31.1 44.6 66.8#

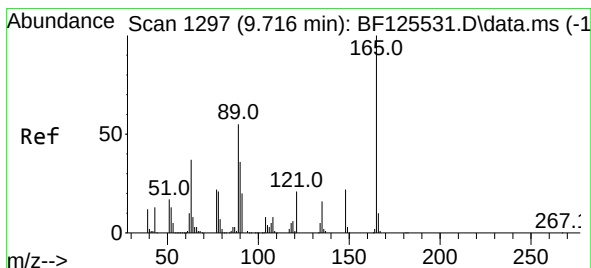
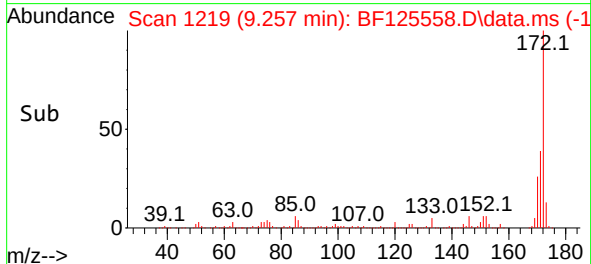
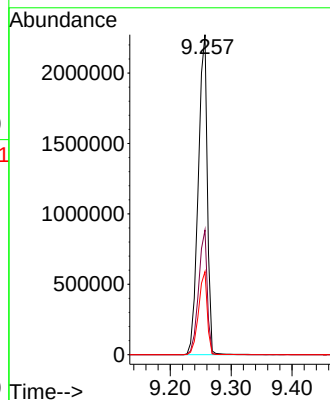
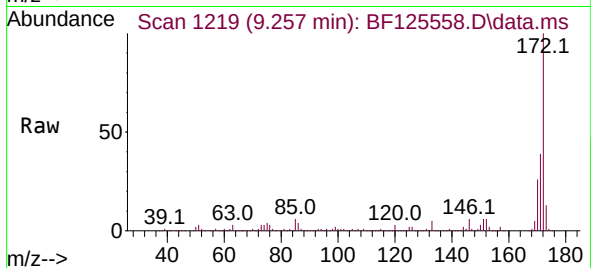




#45
2-Fluorobiphenyl
Concen: 92.278 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

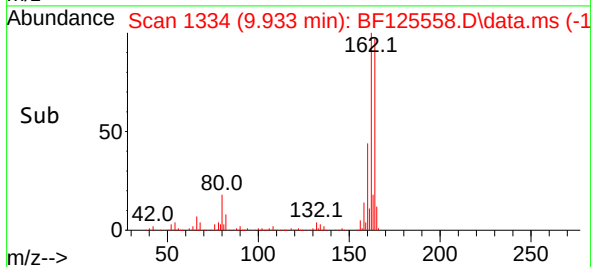
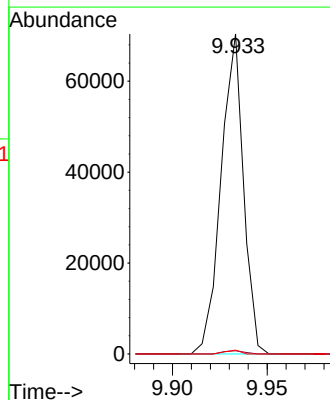
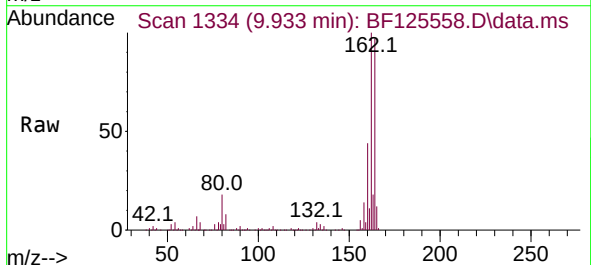
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BNA_F
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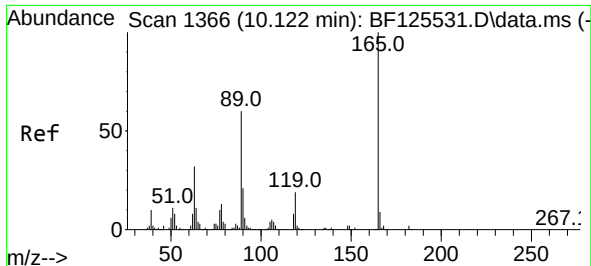
Tgt Ion:172 Resp: 2351869
Ion Ratio Lower Upper
172 100
171 39.0 26.5 39.7
170 26.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.079 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

Tgt Ion:165 Resp: 57965
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.2 40.6 60.8#

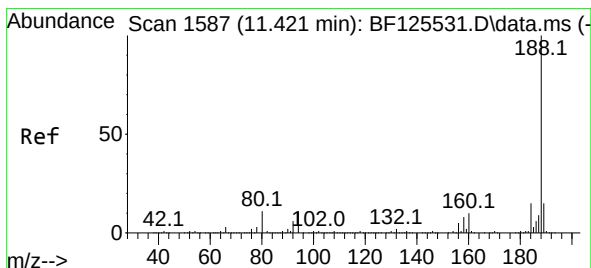
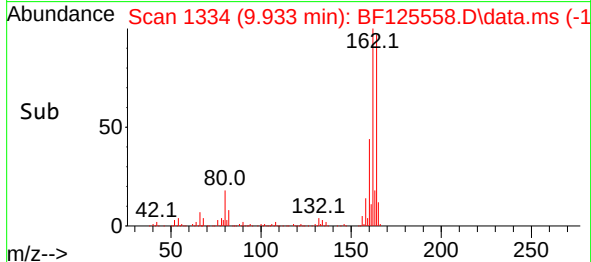
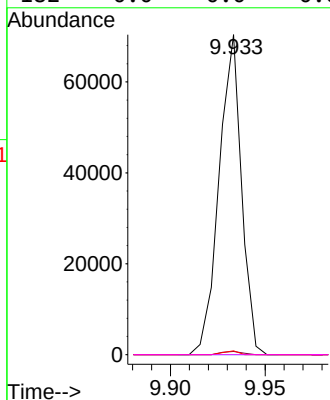
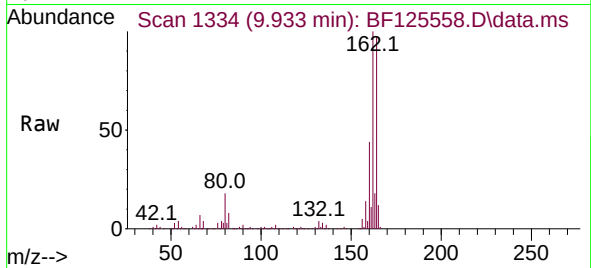




#57
2,4-Dinitrotoluene
Concen: 7.576 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

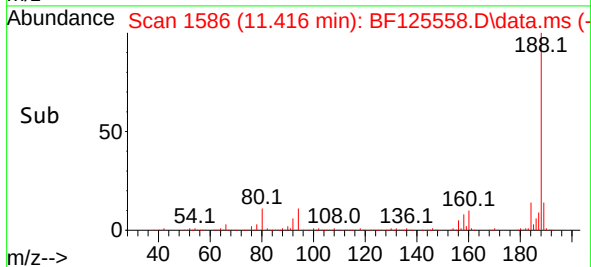
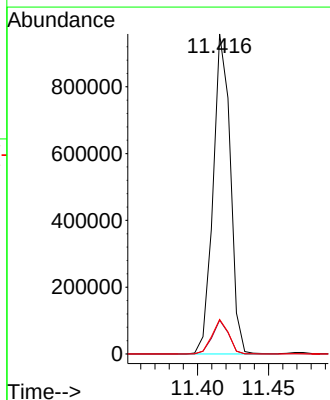
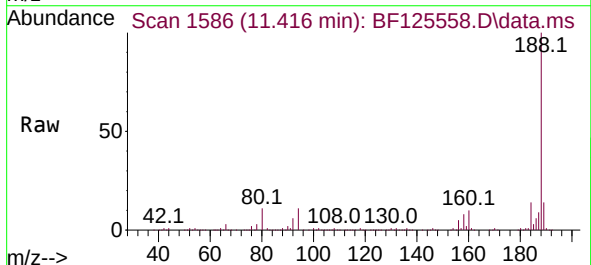
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(5-7)

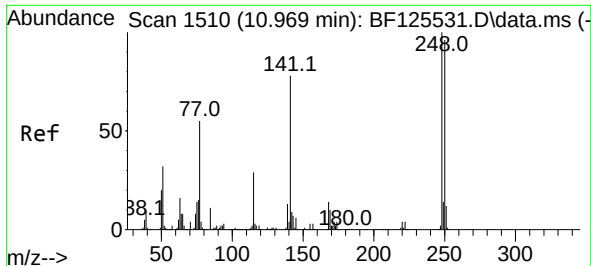
Tgt Ion:165	Resp:	57965
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.2	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

Tgt Ion:188	Resp:	807241
Ion Ratio	Lower	Upper
188	100	
94	10.6	6.7 10.1#
80	10.8	7.5 11.3

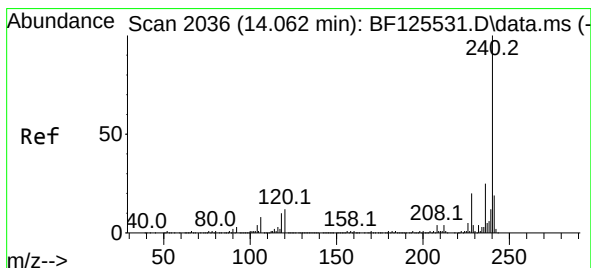
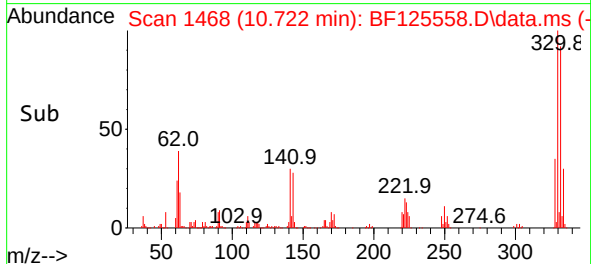
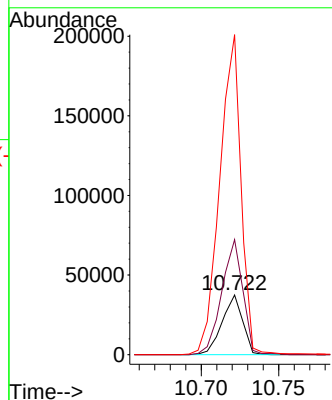
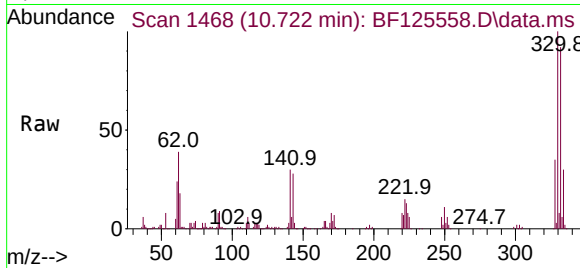




#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

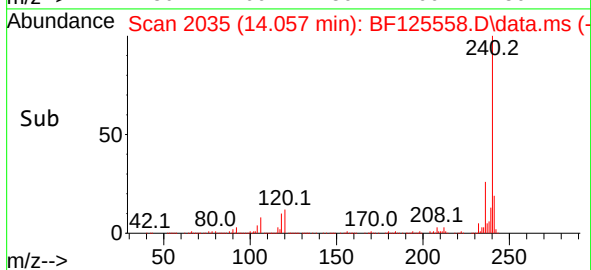
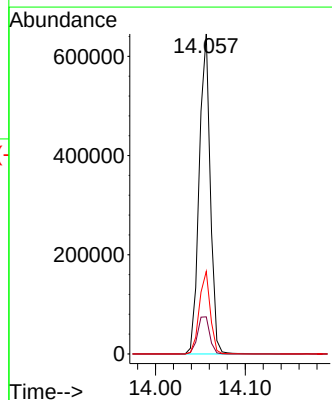
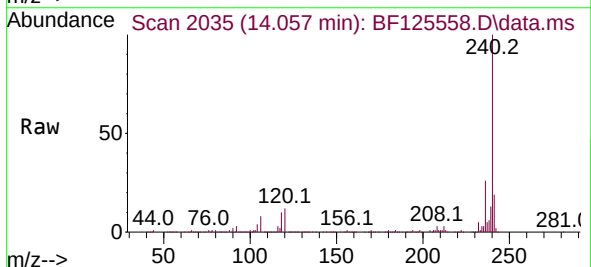
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(5-7)

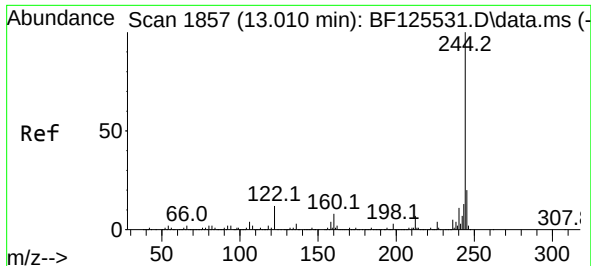
Tgt Ion:248 Resp: 34647
Ion Ratio Lower Upper
248 100
250 192.8 74.2 111.4#
141 536.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

Tgt Ion:240 Resp: 552027
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.8 21.6 32.4

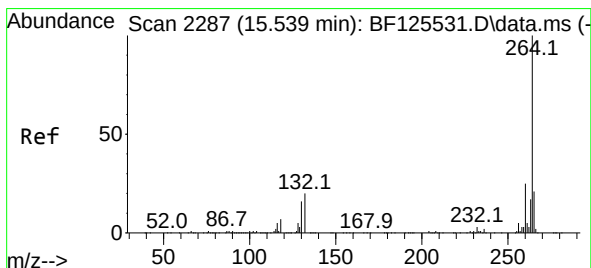
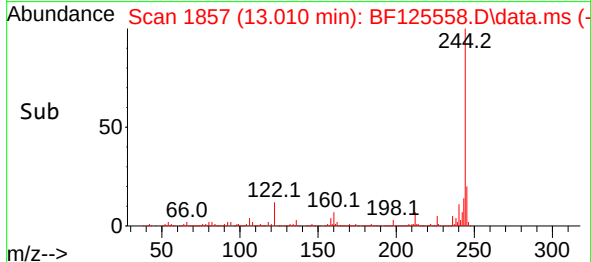
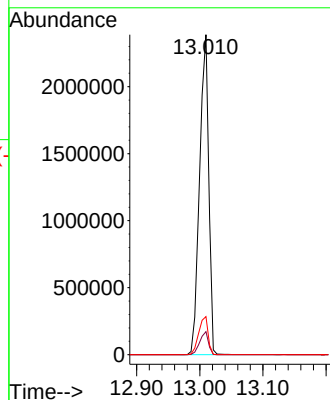
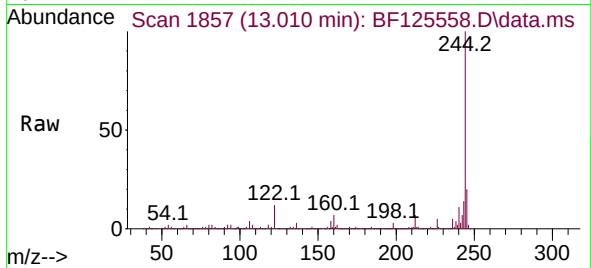




#79
Terphenyl-d14
Concen: 69.955 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125558.D
Acq: 22 Sep 2021 14:26

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(5-7)

Tgt Ion:244 Resp: 2391419
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.9 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: BF125558.D
Acq: 22 Sep 2021 14:26

Tgt Ion:264 Resp: 437239
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.1 17.2 25.8

