

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125571.D
 Acq On : 22 Sep 2021 21:46
 Operator : JU/CG
 Sample : M3798-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-06-(30-32)

Quant Time: Sep 23 04:49:54 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)

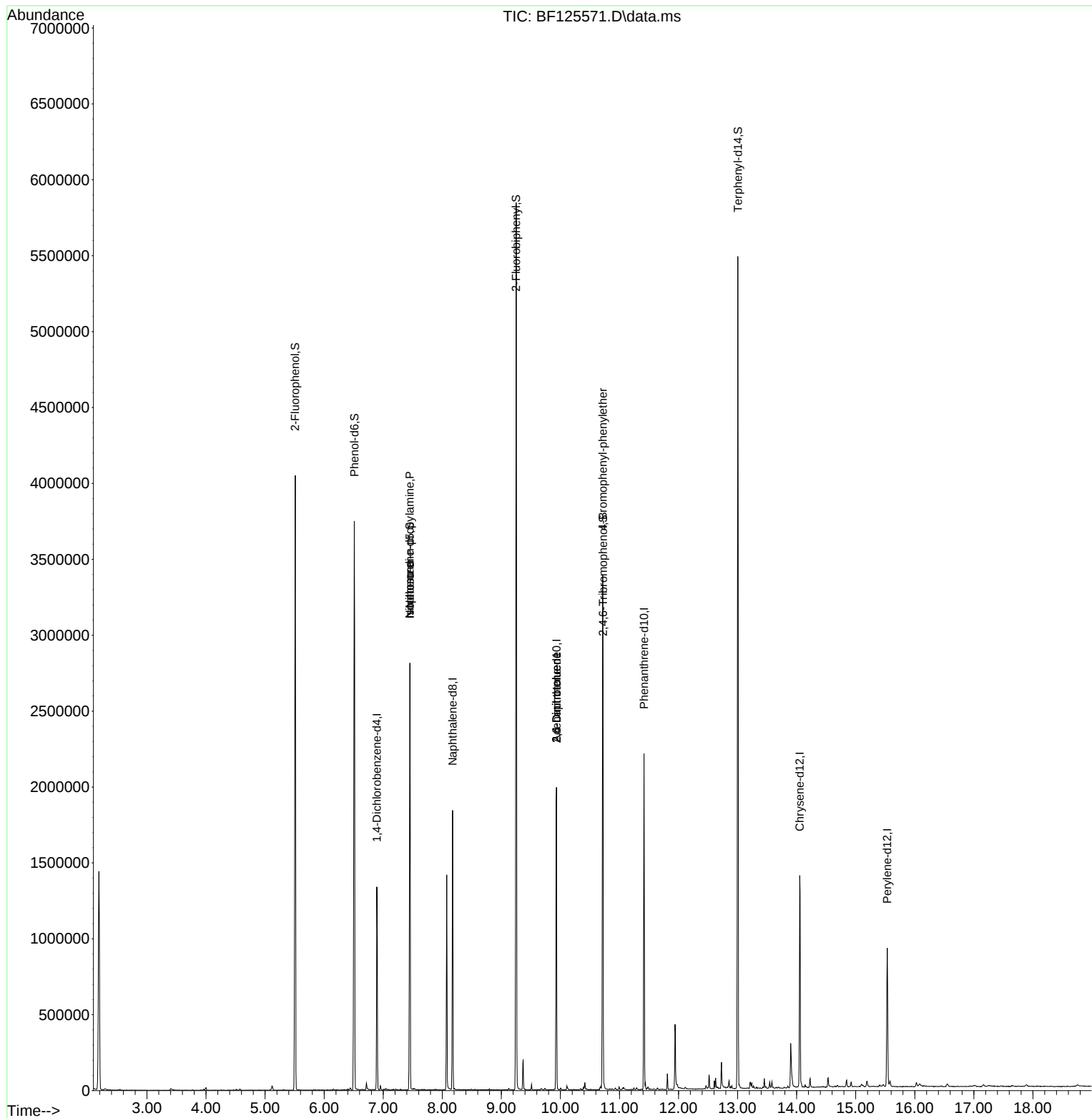
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	190407	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	795757	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	432833	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	738733	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	481258	20.000	ng	-0.01
86) Perylene-d12	15.533	264	391444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1251562	103.944	ng	0.00
7) Phenol-d6	6.510	99	1556514	100.262	ng	-0.01
23) Nitrobenzene-d5	7.451	82	915238	73.359	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	450269	106.209	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1850688	76.243	ng	-0.01
79) Terphenyl-d14	13.004	244	1863834	62.539	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2309	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	114845	12.360	ng	# 53
25) Isophorone	7.451	82	912504	33.987	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	53589	9.042	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	53589	7.545	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	25052	2.967	ng	# 1

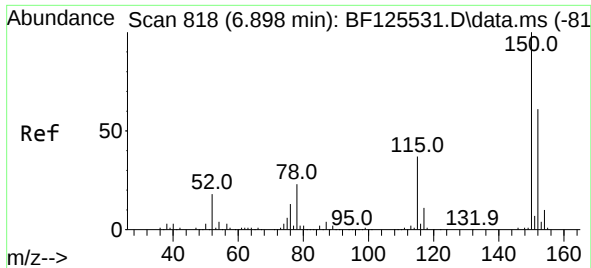
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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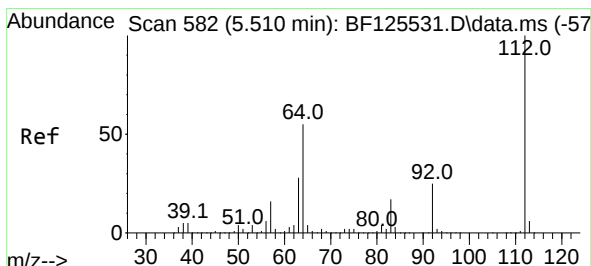
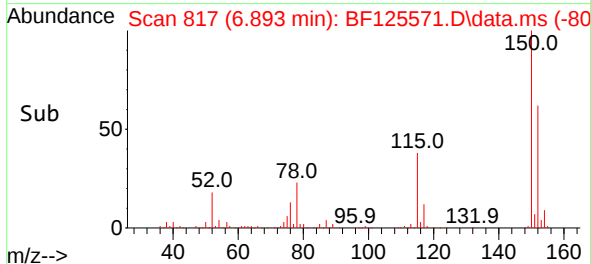
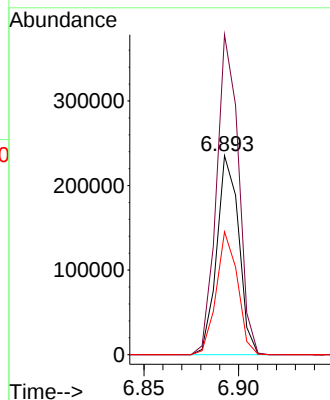
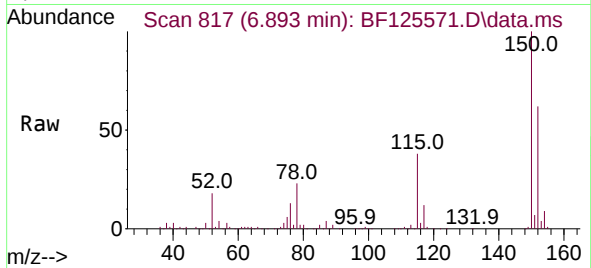




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

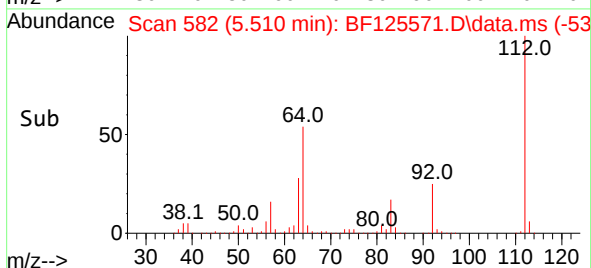
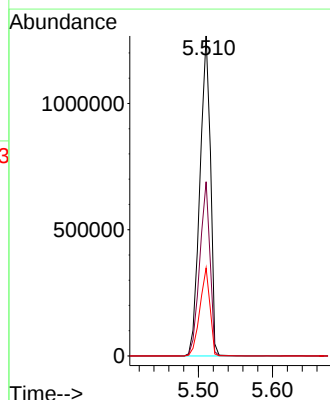
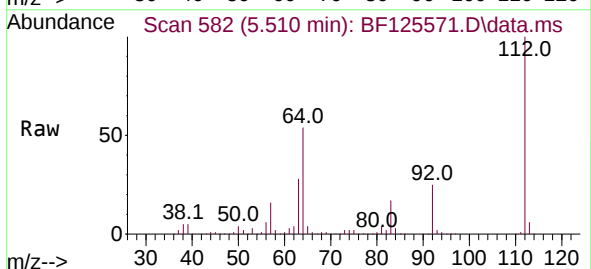
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

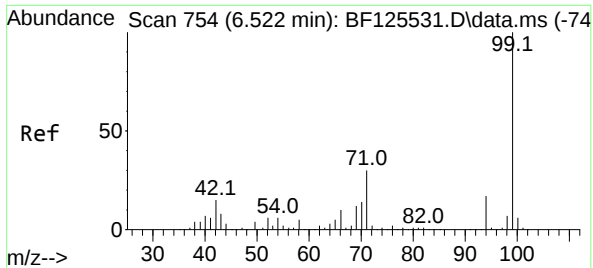
Tgt Ion:152 Resp: 190407
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 103.944 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:112 Resp: 1251562
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 27.5 26.2 39.2

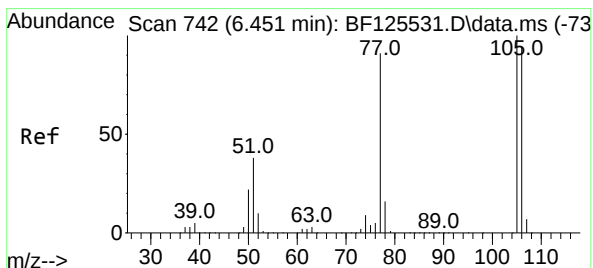
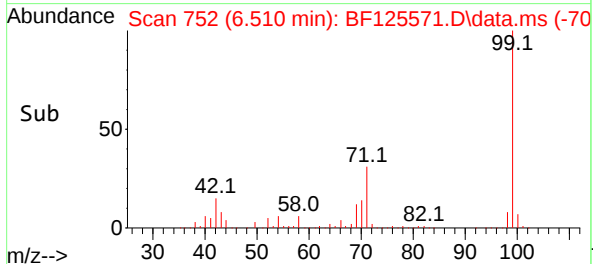
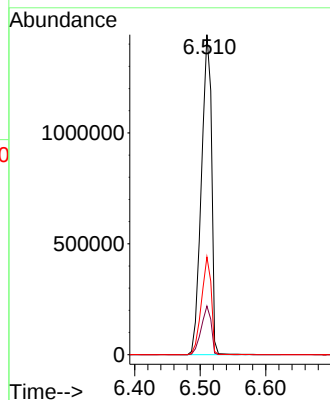
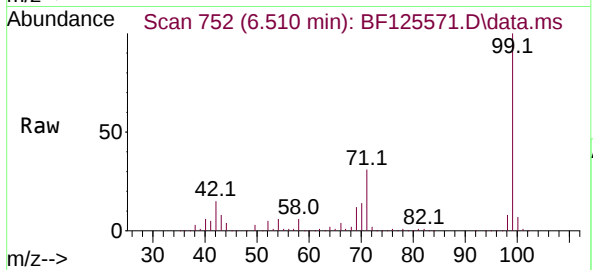




#7
Phenol-d6
Concen: 100.262 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

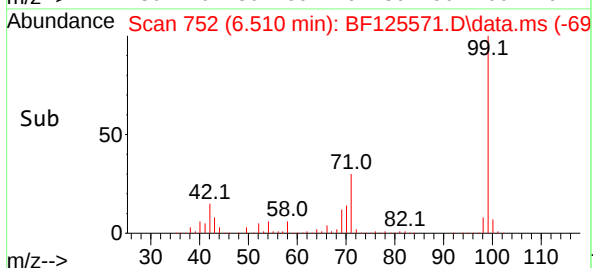
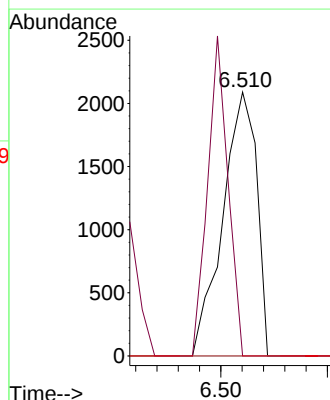
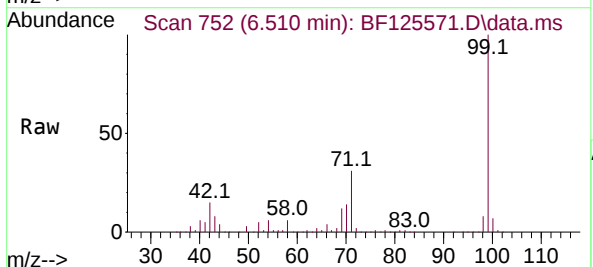
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

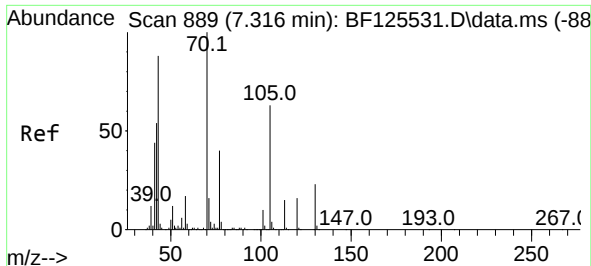
Tgt Ion: 99 Resp: 1556514
Ion Ratio Lower Upper
99 100
42 15.2 23.5 35.3#
71 30.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion: 77 Resp: 2309
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

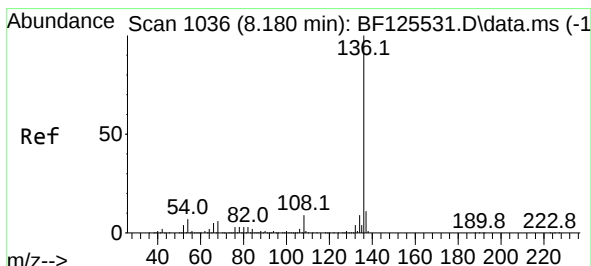
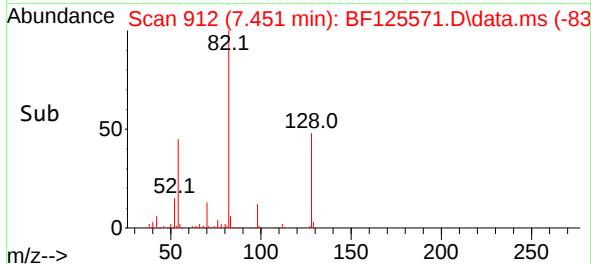
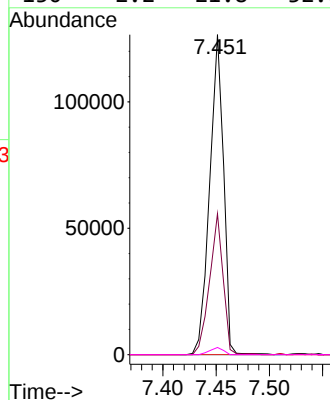
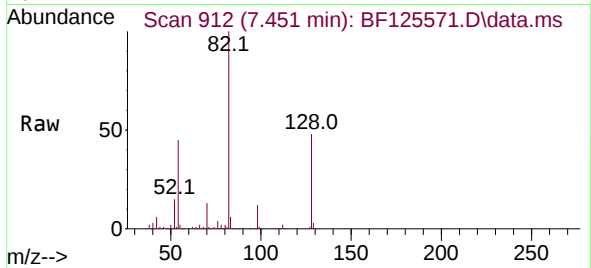




#19
n-Nitroso-di-n-propylamine
Concen: 12.360 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

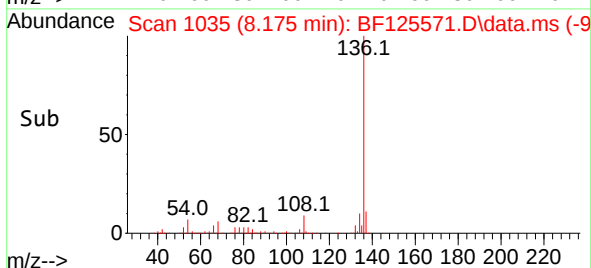
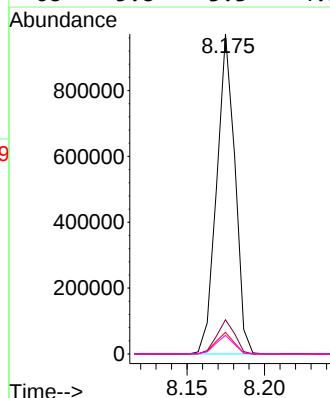
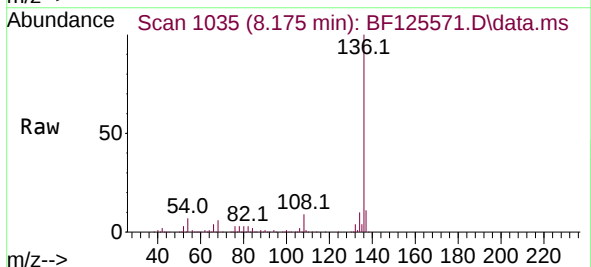
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

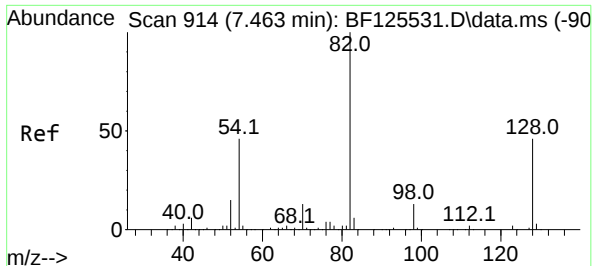
Tgt Ion: 70	Resp: 114845
Ion Ratio	Lower Upper
70 100	
42 44.0	72.2 108.2#
101 0.0	7.8 11.8#
130 2.2	21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion: 136	Resp: 795757
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 6.7	6.4 9.6
68 5.8	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.359 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125571.D

Acq: 22 Sep 2021 21:46

Tgt Ion: 82 Resp: 915238

Ion Ratio Lower Upper

82 100

128 47.5 40.6 60.8

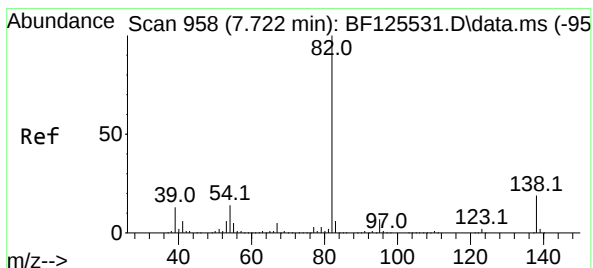
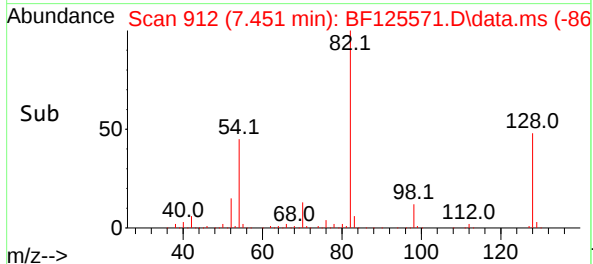
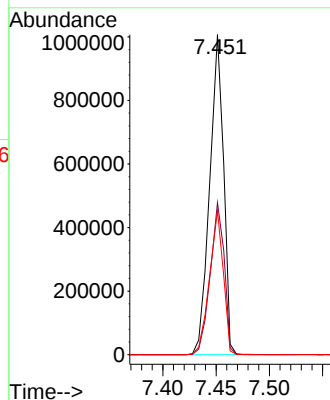
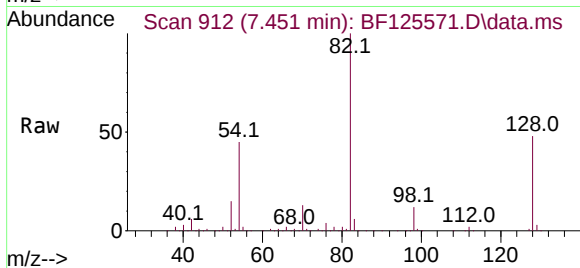
54 45.1 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-06-(30-32)



#25

Isophorone

Concen: 33.987 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125571.D

Acq: 22 Sep 2021 21:46

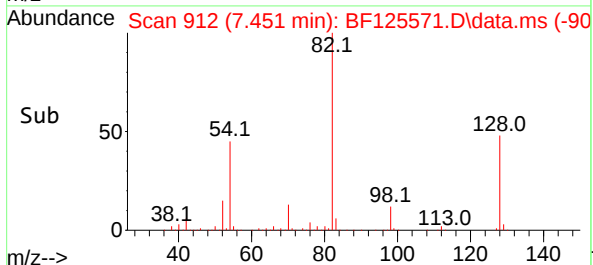
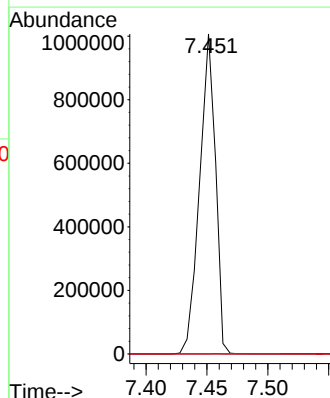
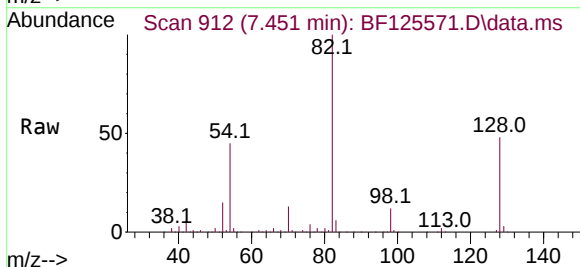
Tgt Ion: 82 Resp: 912504

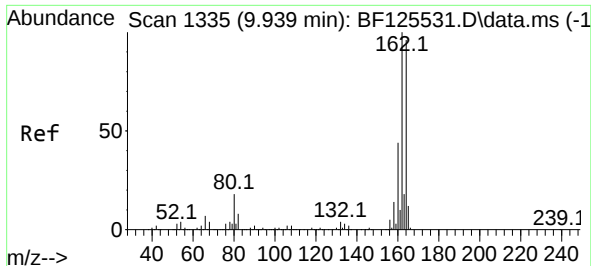
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

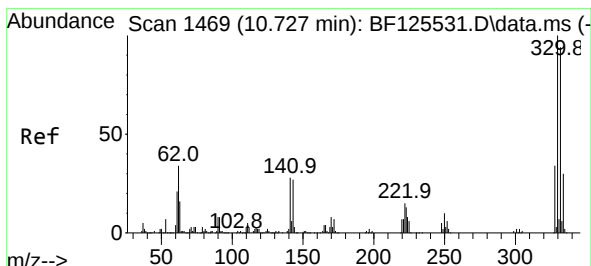
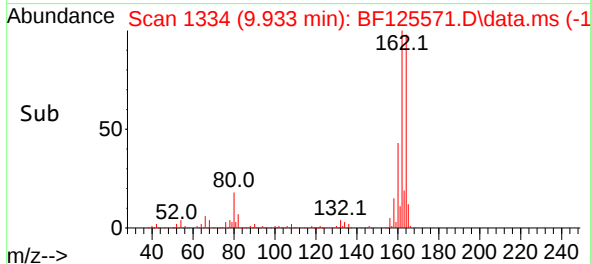
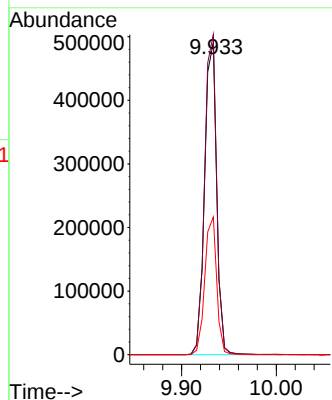
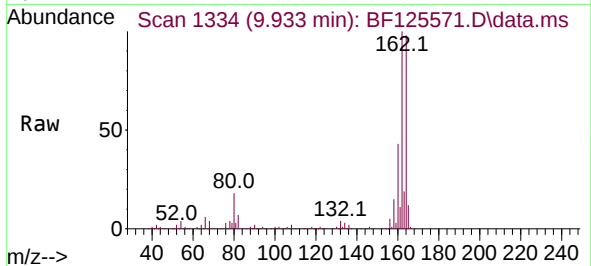




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

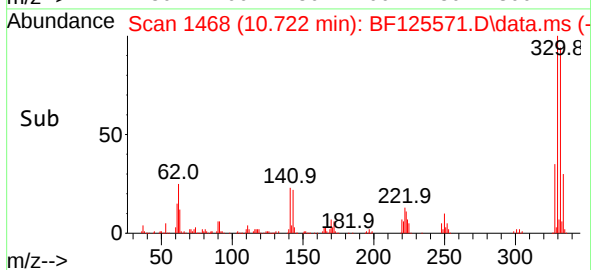
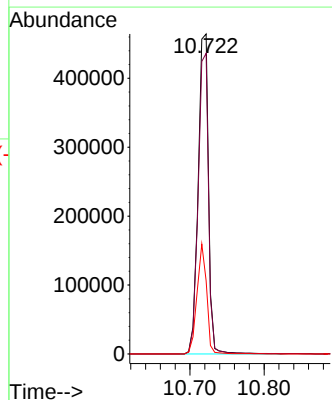
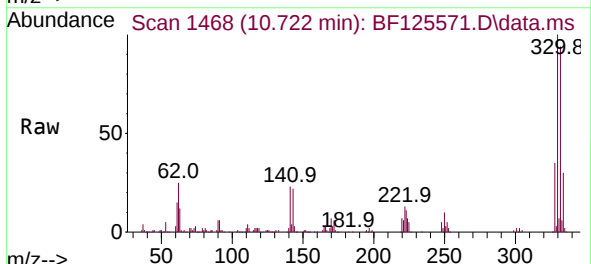
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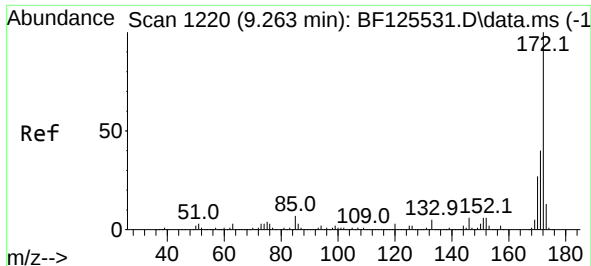
Tgt Ion:164 Resp: 432833
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 106.209 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:330 Resp: 450269
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 32.0 44.6 66.8#

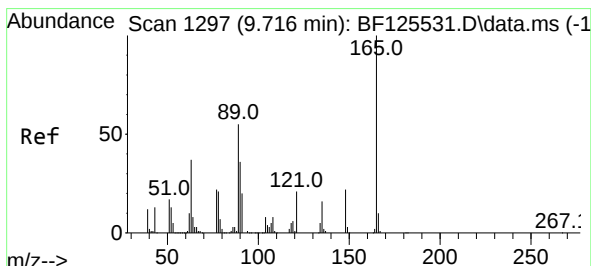
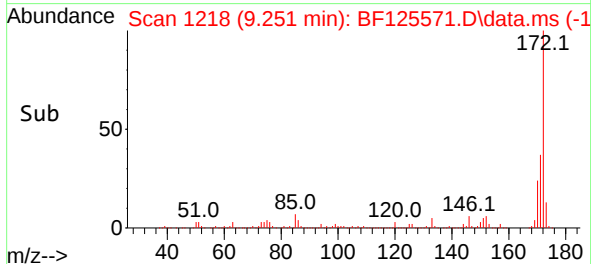
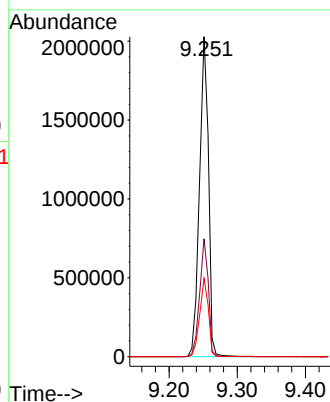
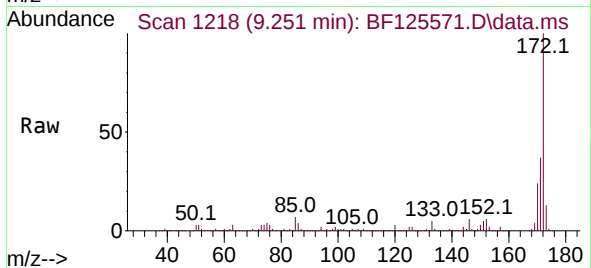




#45
2-Fluorobiphenyl
Concen: 76.243 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

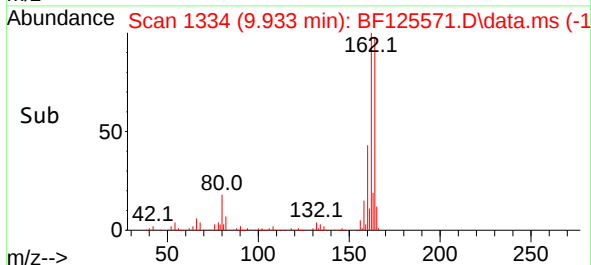
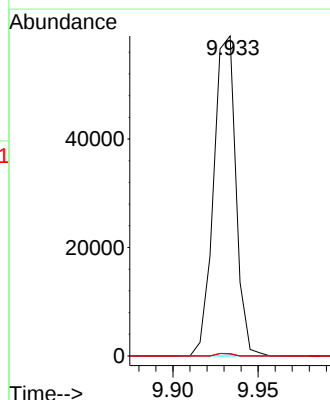
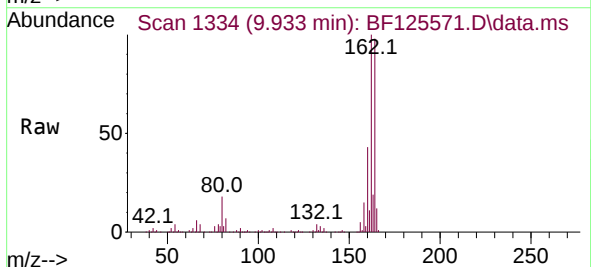
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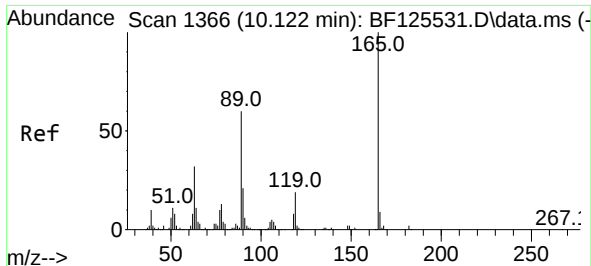
Tgt Ion:172 Resp: 1850688
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.042 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:165 Resp: 53589
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 0.7 40.6 60.8#

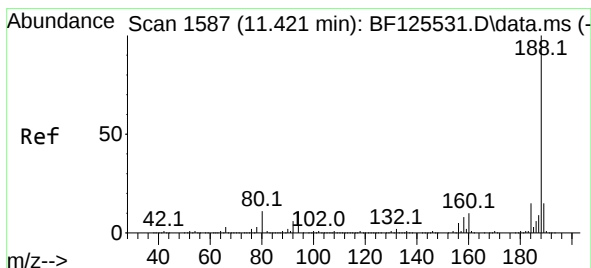
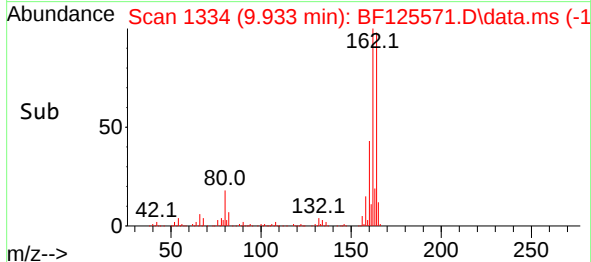
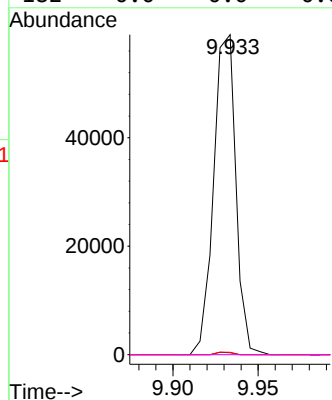
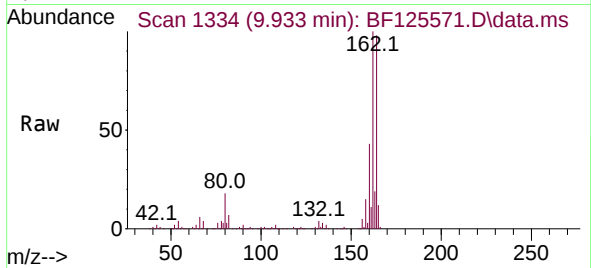




#57
2,4-Dinitrotoluene
Concen: 7.545 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

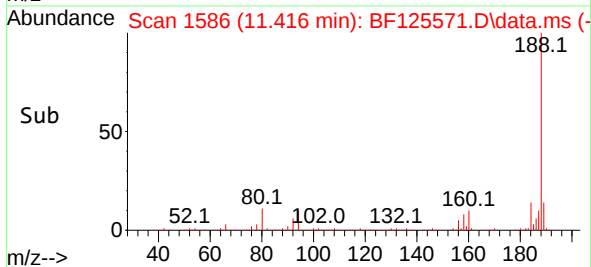
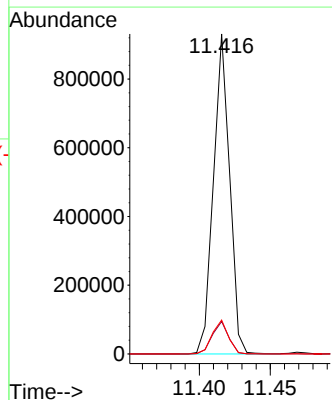
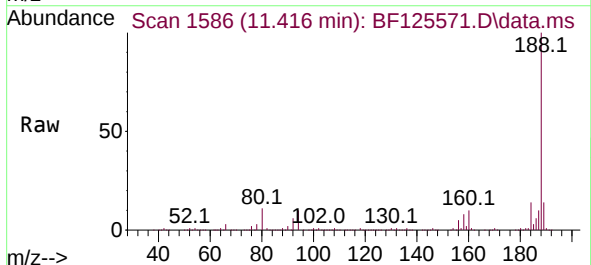
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

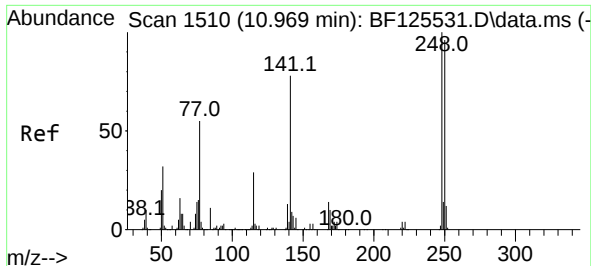
Tgt Ion:165	Resp:	53589
Ion Ratio	Lower	Upper
165	100	
63	0.6	40.9 61.3#
89	0.7	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:188	Resp:	738733
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	10.6	7.5 11.3

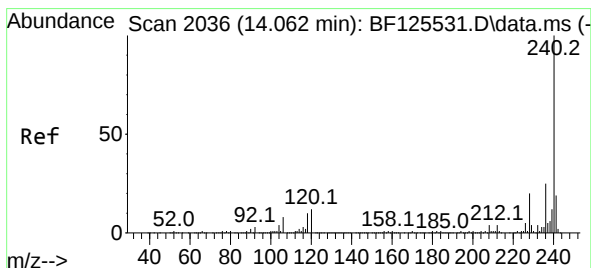
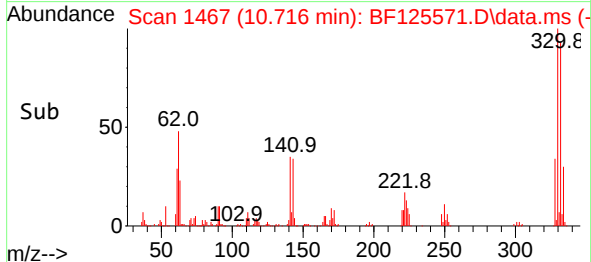
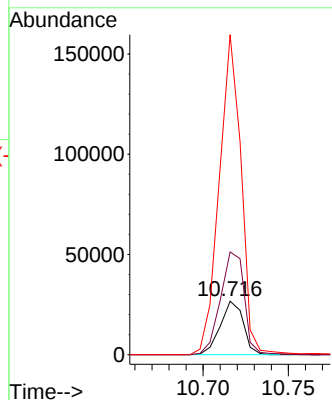
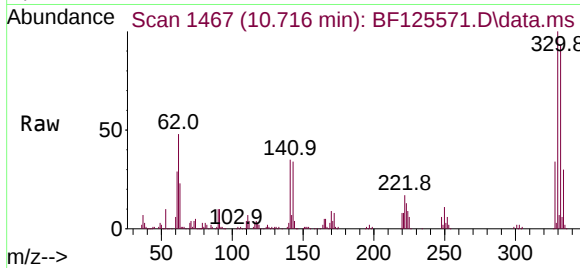




#67
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

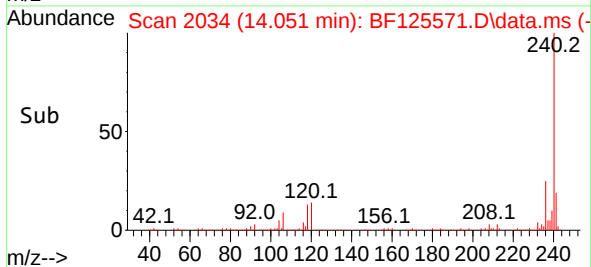
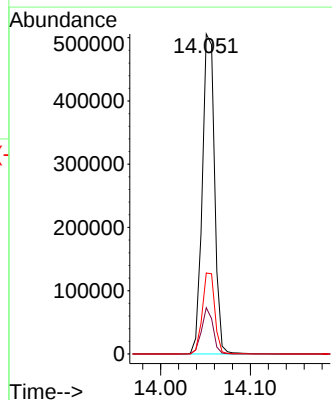
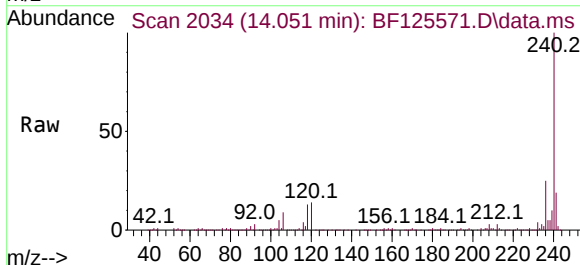
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

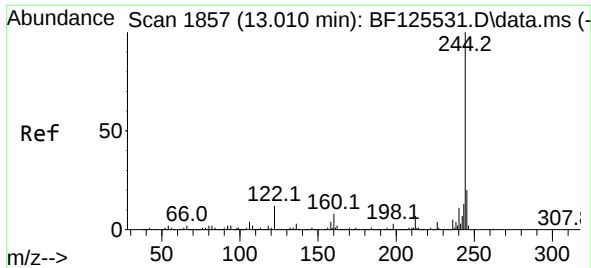
Tgt Ion:248 Resp: 25052
Ion Ratio Lower Upper
248 100
250 192.1 74.2 111.4#
141 598.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:240 Resp: 481258
Ion Ratio Lower Upper
240 100
120 14.5 10.8 16.2
236 25.3 21.6 32.4

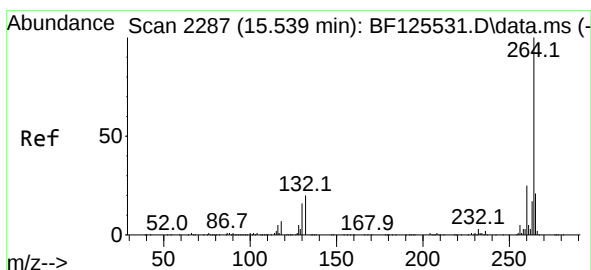
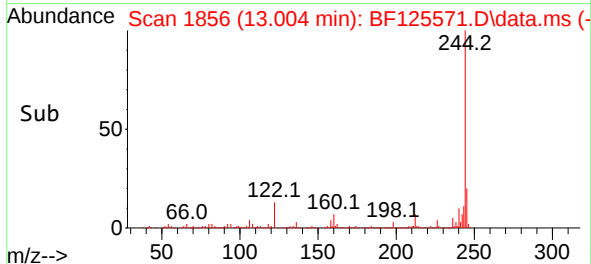
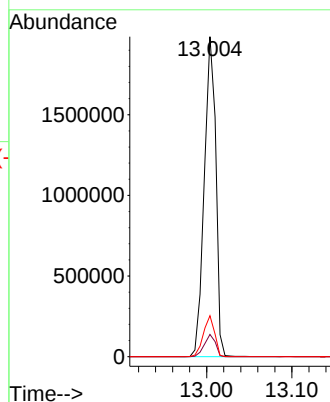
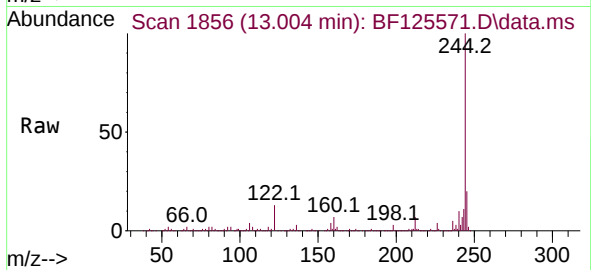




#79
Terphenyl-d14
Concen: 62.539 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125571.D
Acq: 22 Sep 2021 21:46

Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)

Tgt Ion:244 Resp: 1863834
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 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: BF125571.D
Acq: 22 Sep 2021 21:46

Tgt Ion:264 Resp: 391444
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.6 17.2 25.8

