

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125589.D
 Acq On : 23 Sep 2021 13:30
 Operator : JU/CG
 Sample : M3798-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-07-(22-24)

Quant Time: Sep 23 13:58:20 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)

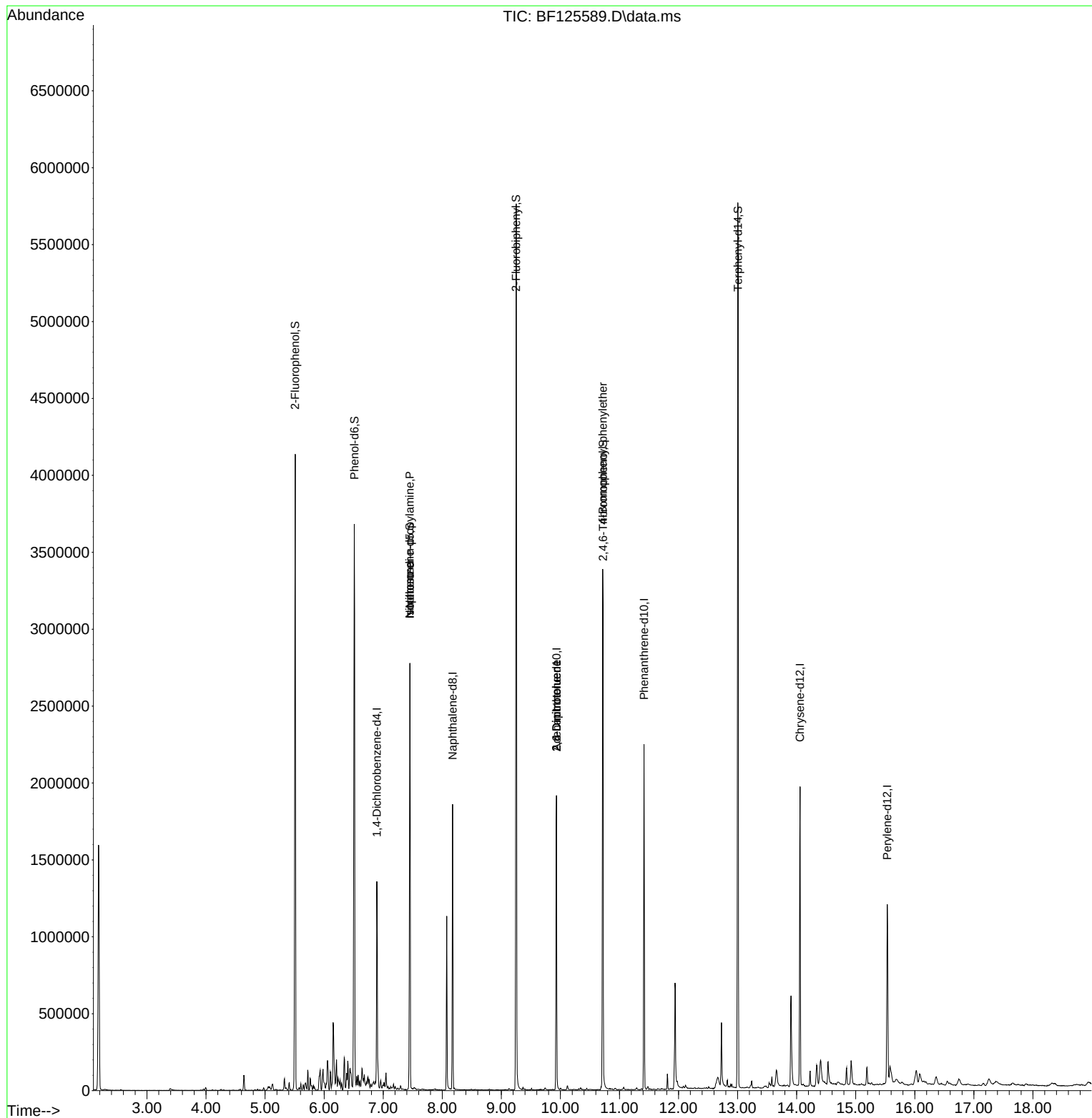
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	190811	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	786224	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	417438	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	751988	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	640765	20.000	ng	0.00
86) Perylene-d12	15.533	264	516213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1250229	103.614	ng	0.00
7) Phenol-d6	6.510	99	1562724	100.449	ng	-0.01
23) Nitrobenzene-d5	7.451	82	925486	75.079	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	479724	117.330	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1871470	80.575	ng	-0.01
79) Terphenyl-d14	13.004	244	2119122	53.405	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1258	Below Cal	#	19
19) n-Nitroso-di-n-propyla...	7.451	70	117820	12.654	ng	# 51
25) Isophorone	7.451	82	921895	34.753	ng	# 59
51) 2,6-Dinitrotoluene	9.934	165	52825	9.242	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	52825	7.712	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	26596	3.095	ng	# 1

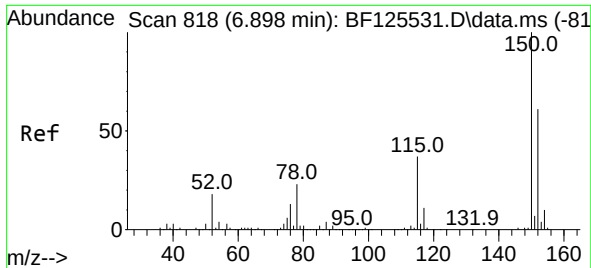
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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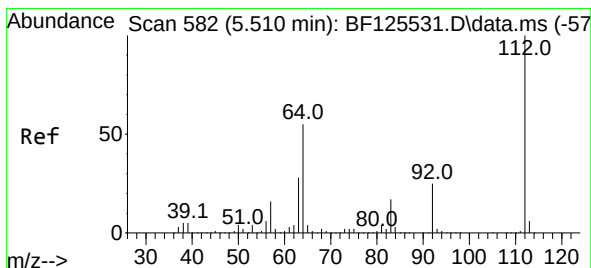
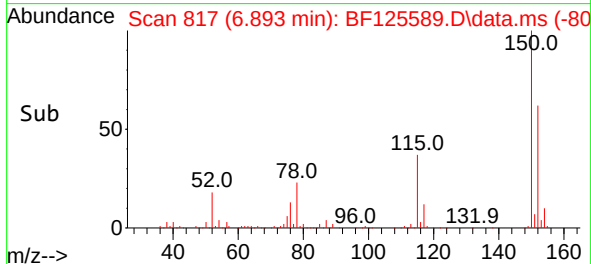
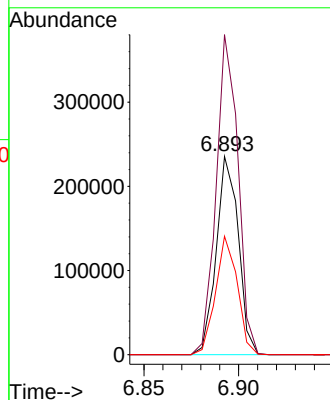
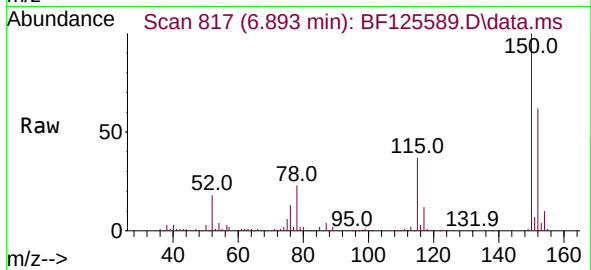




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

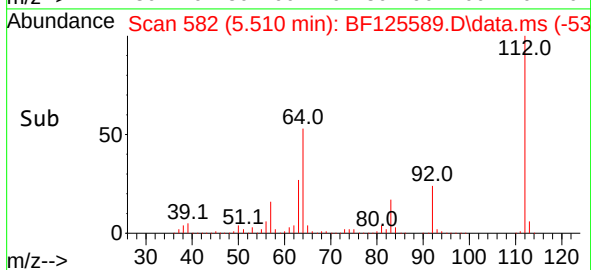
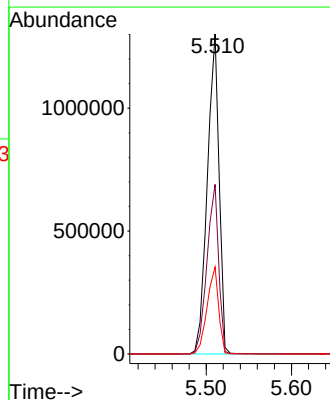
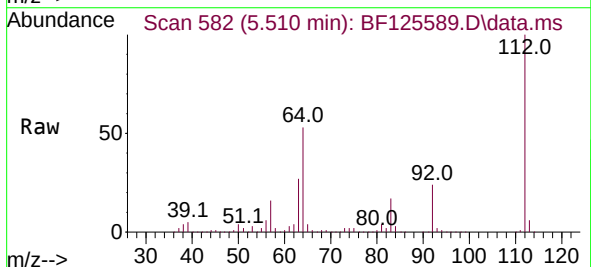
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

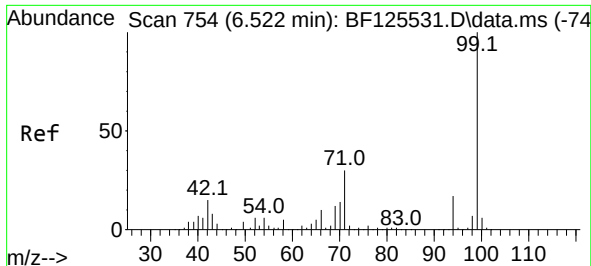
Tgt Ion:152 Resp: 190811
Ion Ratio Lower Upper
152 100
150 161.4 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 103.614 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion:112 Resp: 1250229
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 27.2 26.2 39.2

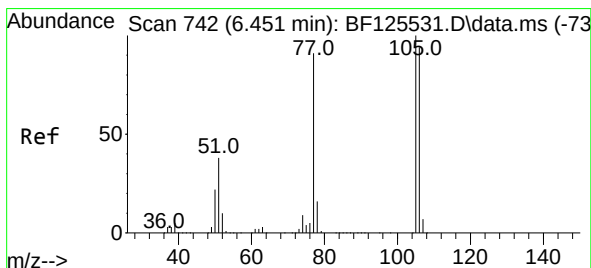
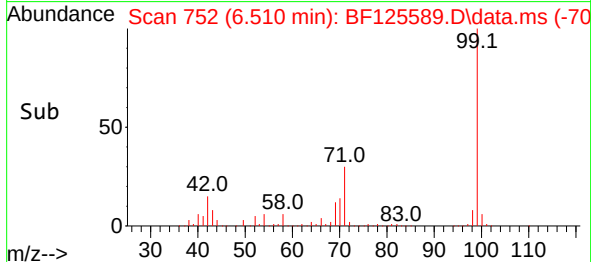
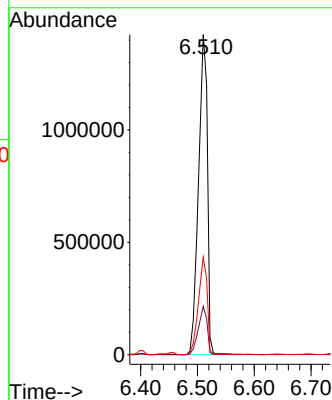
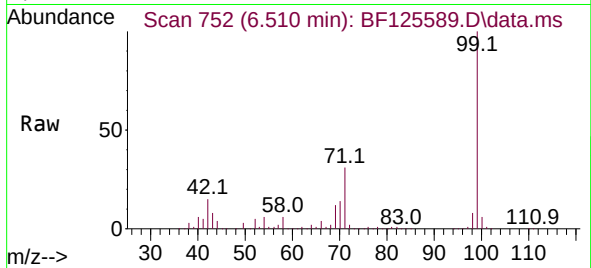




#7
Phenol-d6
Concen: 100.449 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

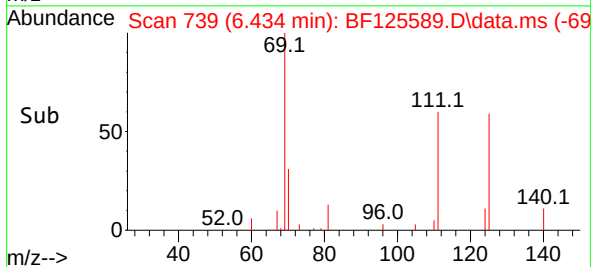
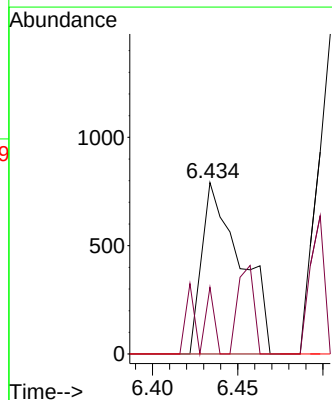
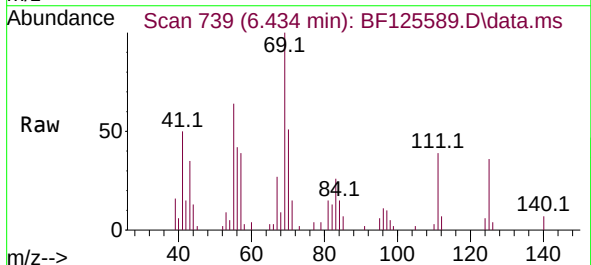
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

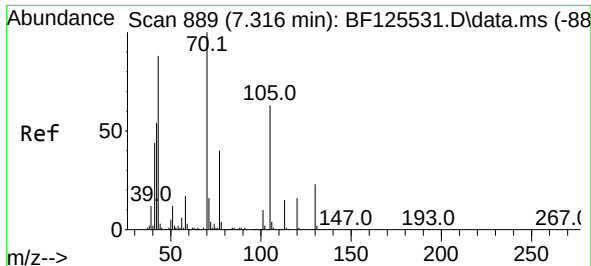
Tgt Ion: 99 Resp: 1562724
Ion Ratio Lower Upper
99 100
42 15.1 23.5 35.3#
71 30.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

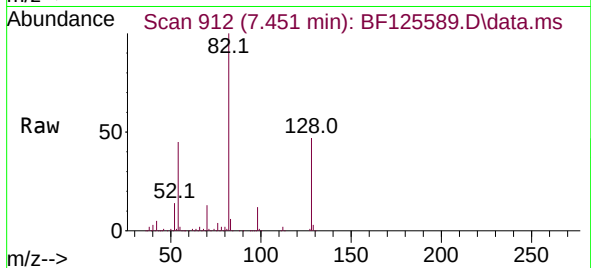
Tgt Ion: 77 Resp: 1258
Ion Ratio Lower Upper
77 100
105 38.9 75.9 115.9#
106 0.0 84.0 124.0#



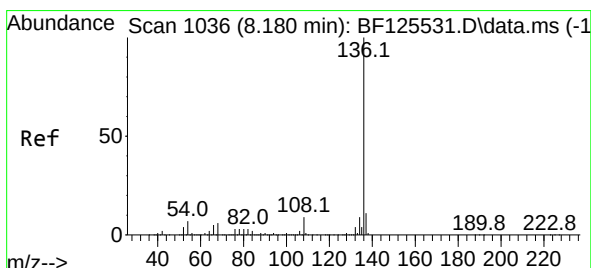
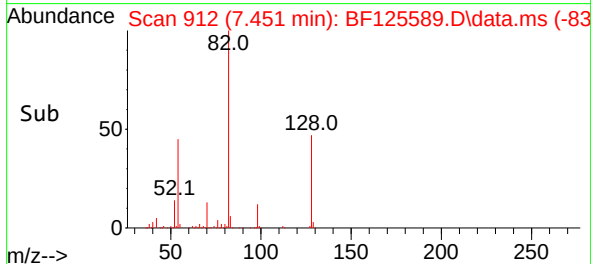
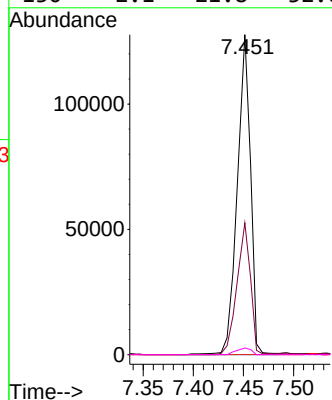


#19
n-Nitroso-di-n-propylamine
Concen: 12.654 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

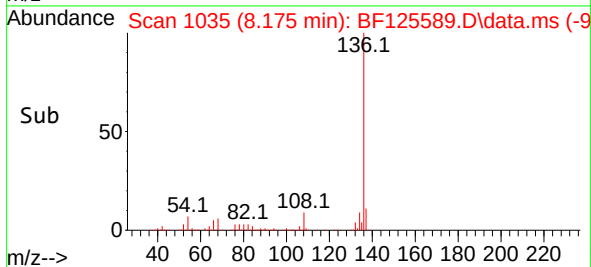
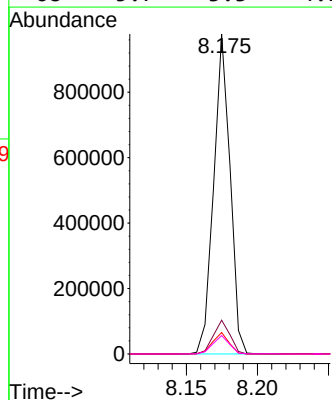
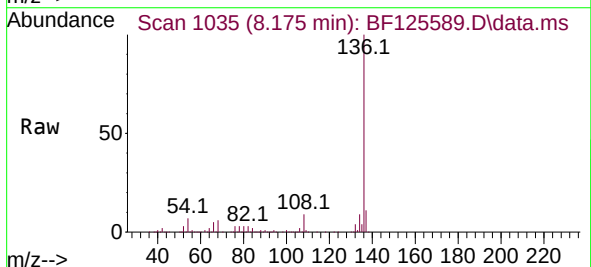


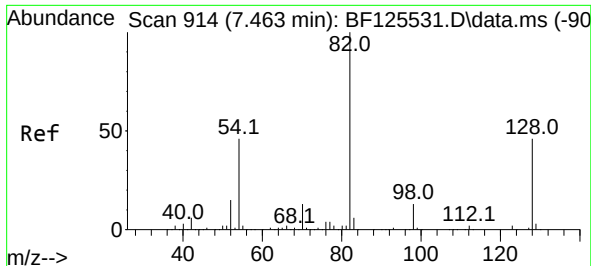
Tgt Ion: 70 Resp: 117820
Ion Ratio Lower Upper
70 100
42 41.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion: 136 Resp: 786224
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#

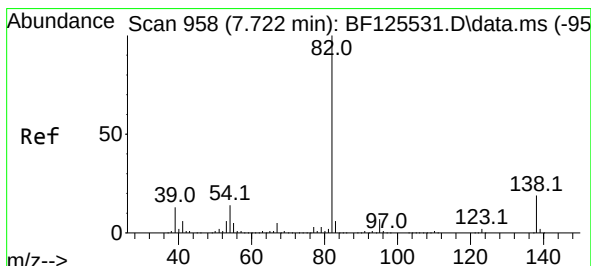
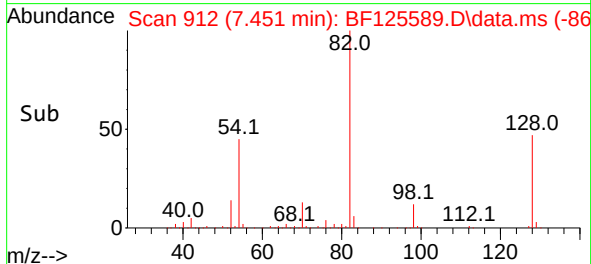
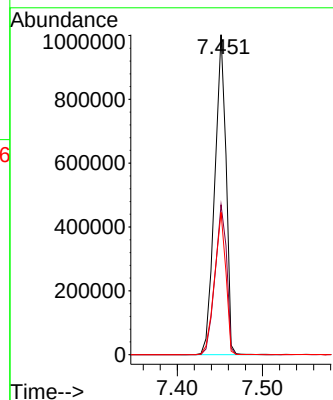
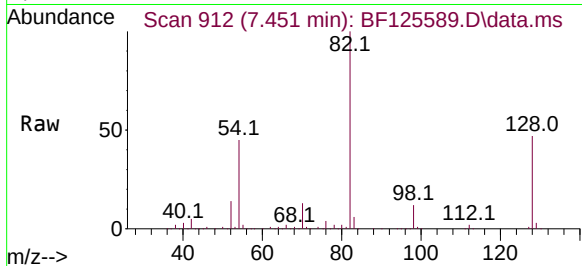




#23
Nitrobenzene-d5
Concen: 75.079 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

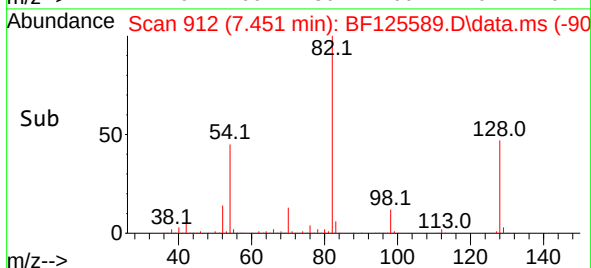
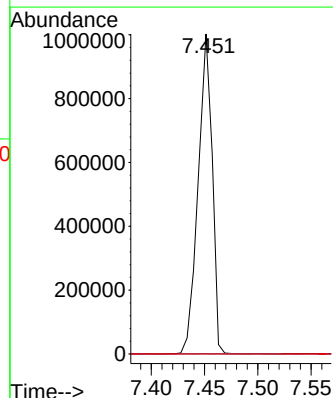
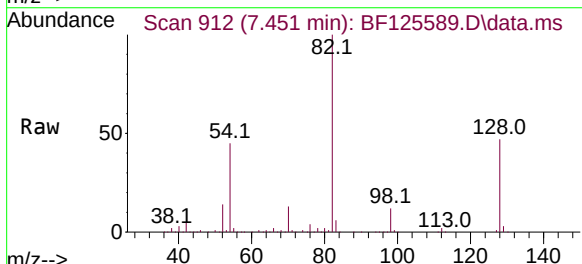
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

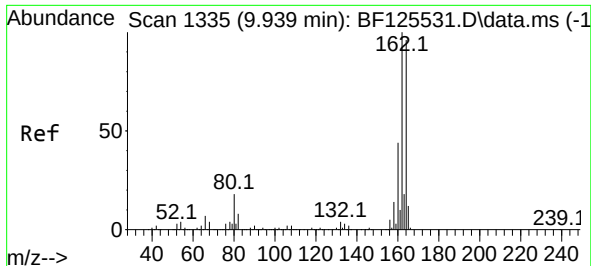
Tgt Ion: 82 Resp: 925486
Ion Ratio Lower Upper
82 100
128 46.8 40.6 60.8
54 44.5 49.6 74.4#



#25
Isophorone
Concen: 34.753 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion: 82 Resp: 921895
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: 9.934 min Scan# 1334

Delta R.T. -0.005 min

Lab File: BF125589.D

Acq: 23 Sep 2021 13:30

Tgt Ion:164 Resp: 417438

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

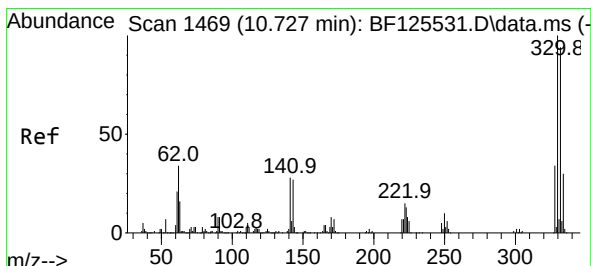
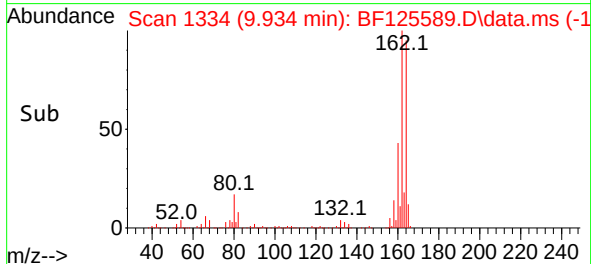
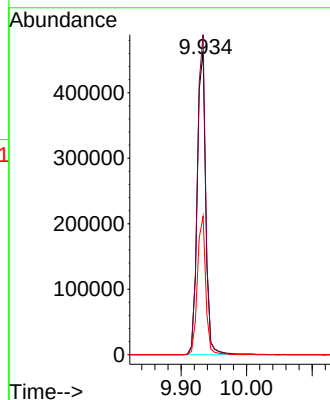
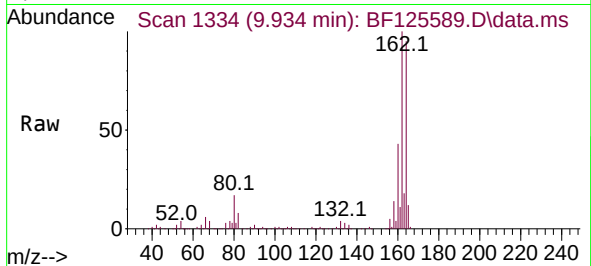
160 45.6 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

NAPL-07-(22-24)



#42

2,4,6-Tribromophenol

Concen: 117.330 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125589.D

Acq: 23 Sep 2021 13:30

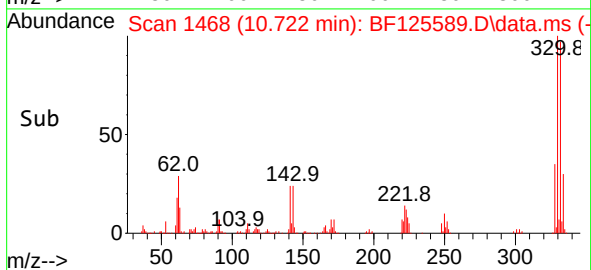
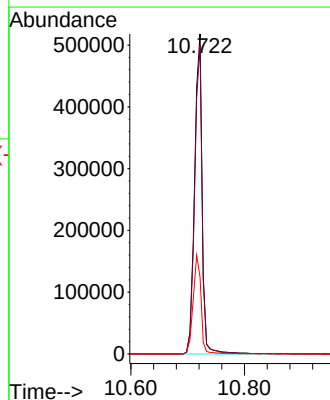
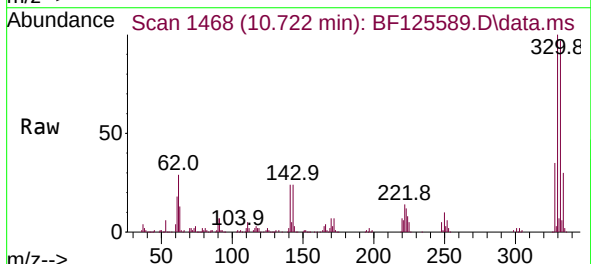
Tgt Ion:330 Resp: 479724

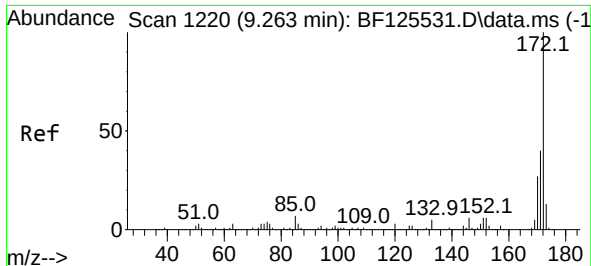
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 32.1 44.6 66.8#

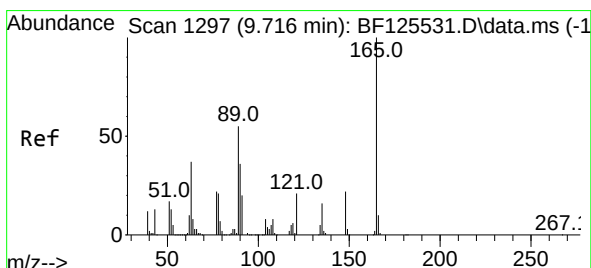
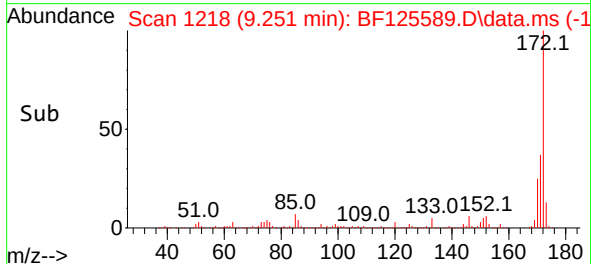
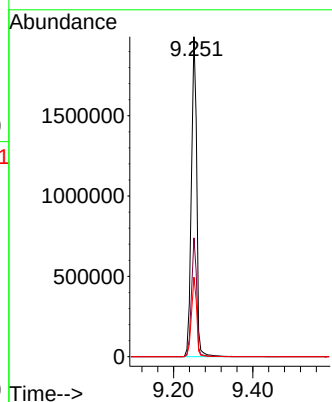
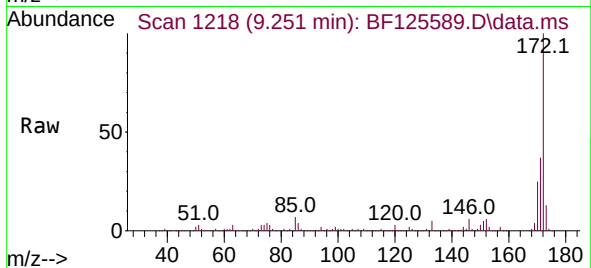




#45
2-Fluorobiphenyl
Concen: 80.575 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

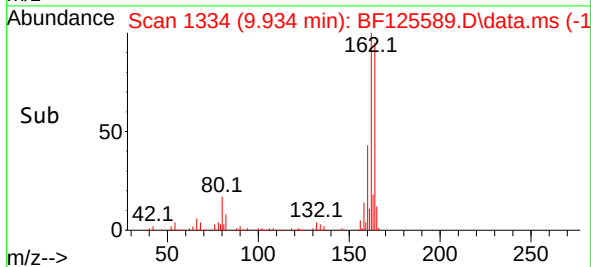
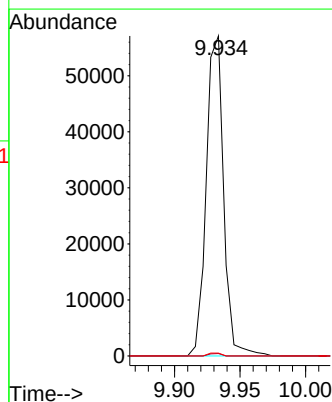
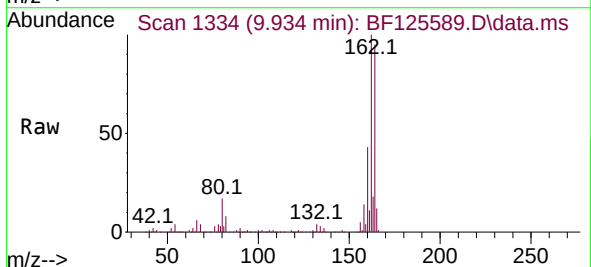
Instrument :
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NAPL-07-(22-24)

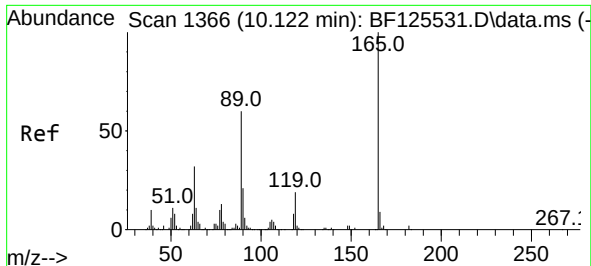
Tgt Ion:172 Resp: 1871470
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.242 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion:165 Resp: 52825
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#

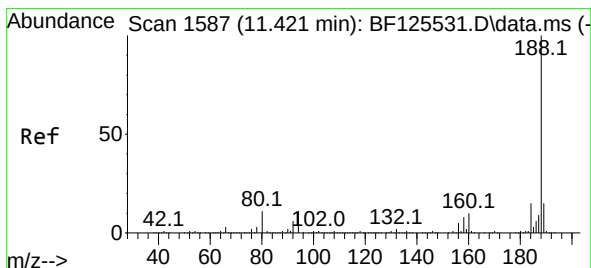
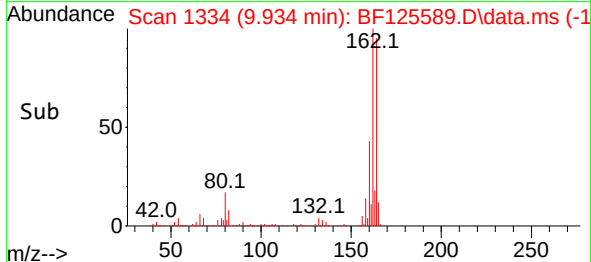
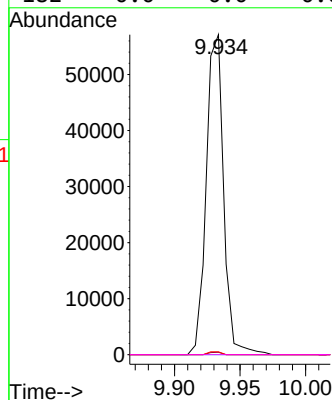
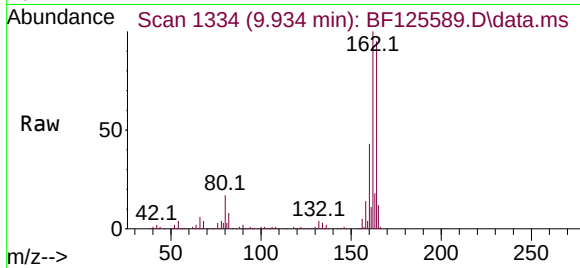




#57
2,4-Dinitrotoluene
Concen: 7.712 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

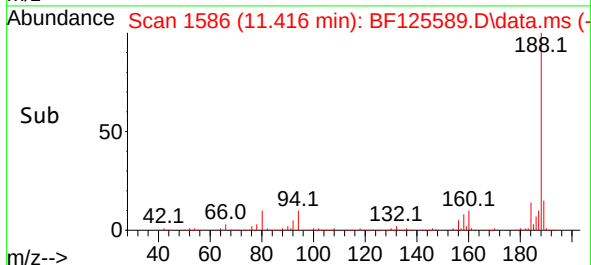
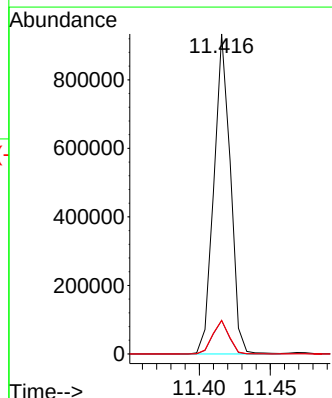
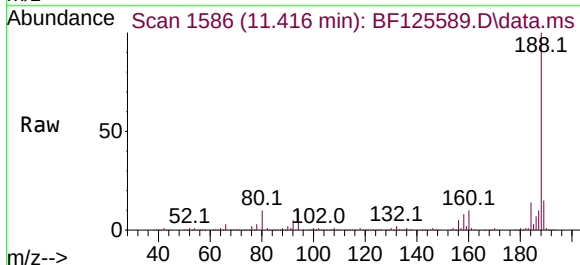
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

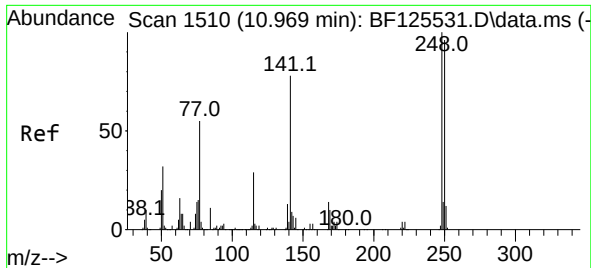
Tgt Ion:165	Resp:	52825
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion:188	Resp:	751988
Ion Ratio	Lower	Upper
188	100	
94	10.4	6.7 10.1#
80	10.5	7.5 11.3

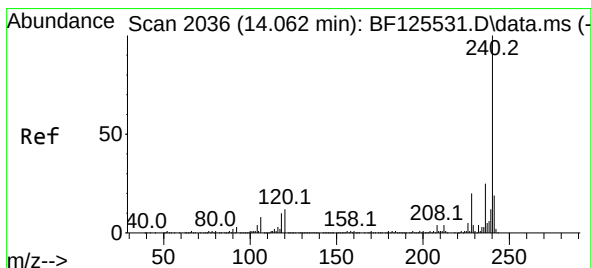
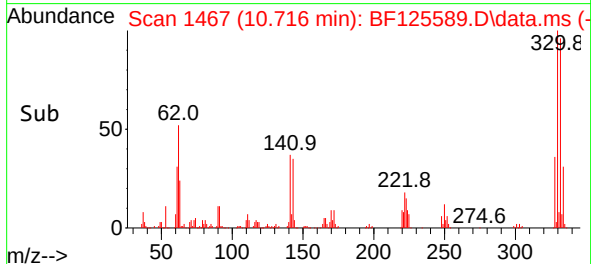
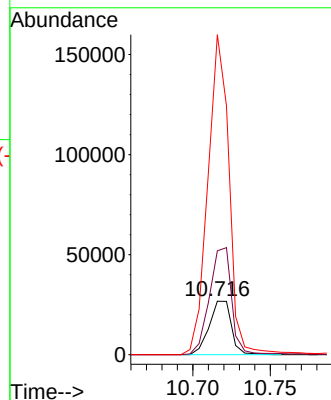
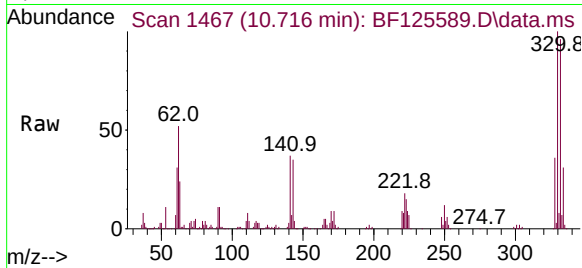




#67
4-Bromophenyl-phenylether
Concen: 3.095 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

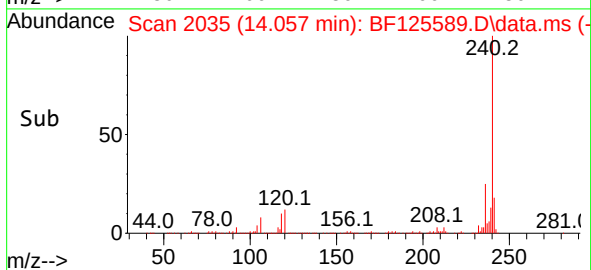
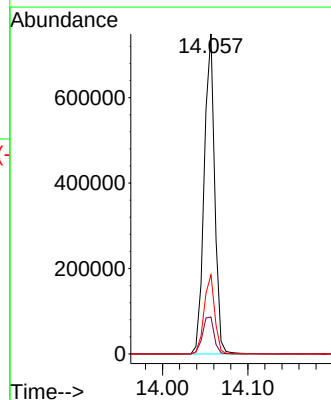
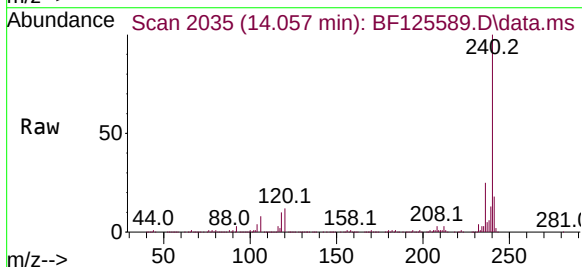
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

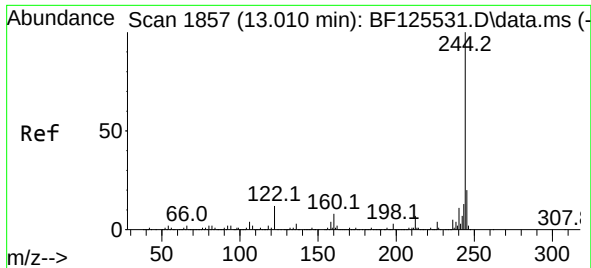
Tgt Ion:248 Resp: 26596
Ion Ratio Lower Upper
248 100
250 194.5 74.2 111.4#
141 599.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion:240 Resp: 640765
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 24.8 21.6 32.4

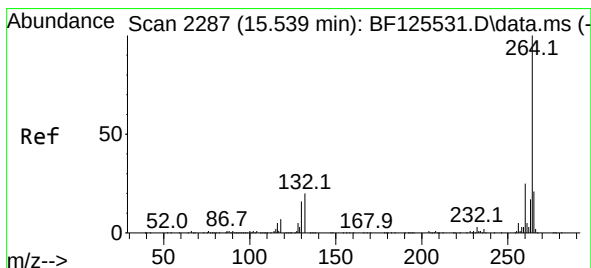
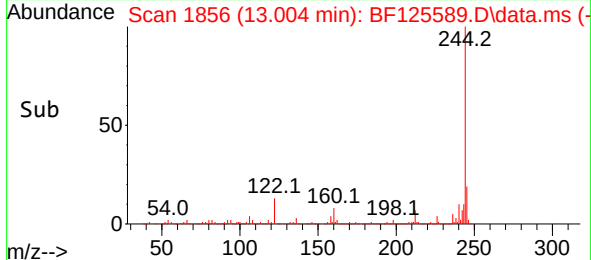
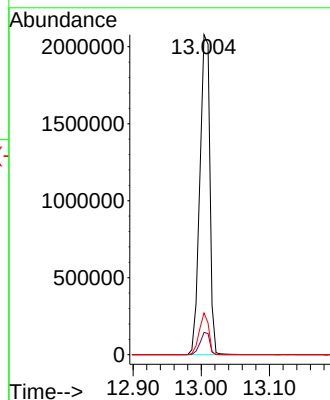
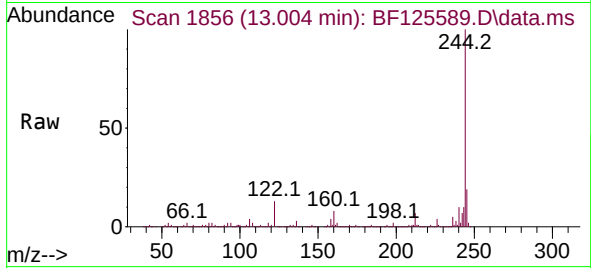




#79
Terphenyl-d14
Concen: 53.405 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125589.D
Acq: 23 Sep 2021 13:30

Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

Tgt Ion:244 Resp: 2119122
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 13.1 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: BF125589.D
Acq: 23 Sep 2021 13:30

Tgt Ion:264 Resp: 516213
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 19.8 17.2 25.8

