

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125569.D
 Acq On : 22 Sep 2021 20:40
 Operator : JU/CG
 Sample : M3733-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-01-(25-27)

Quant Time: Sep 23 04:49:30 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)

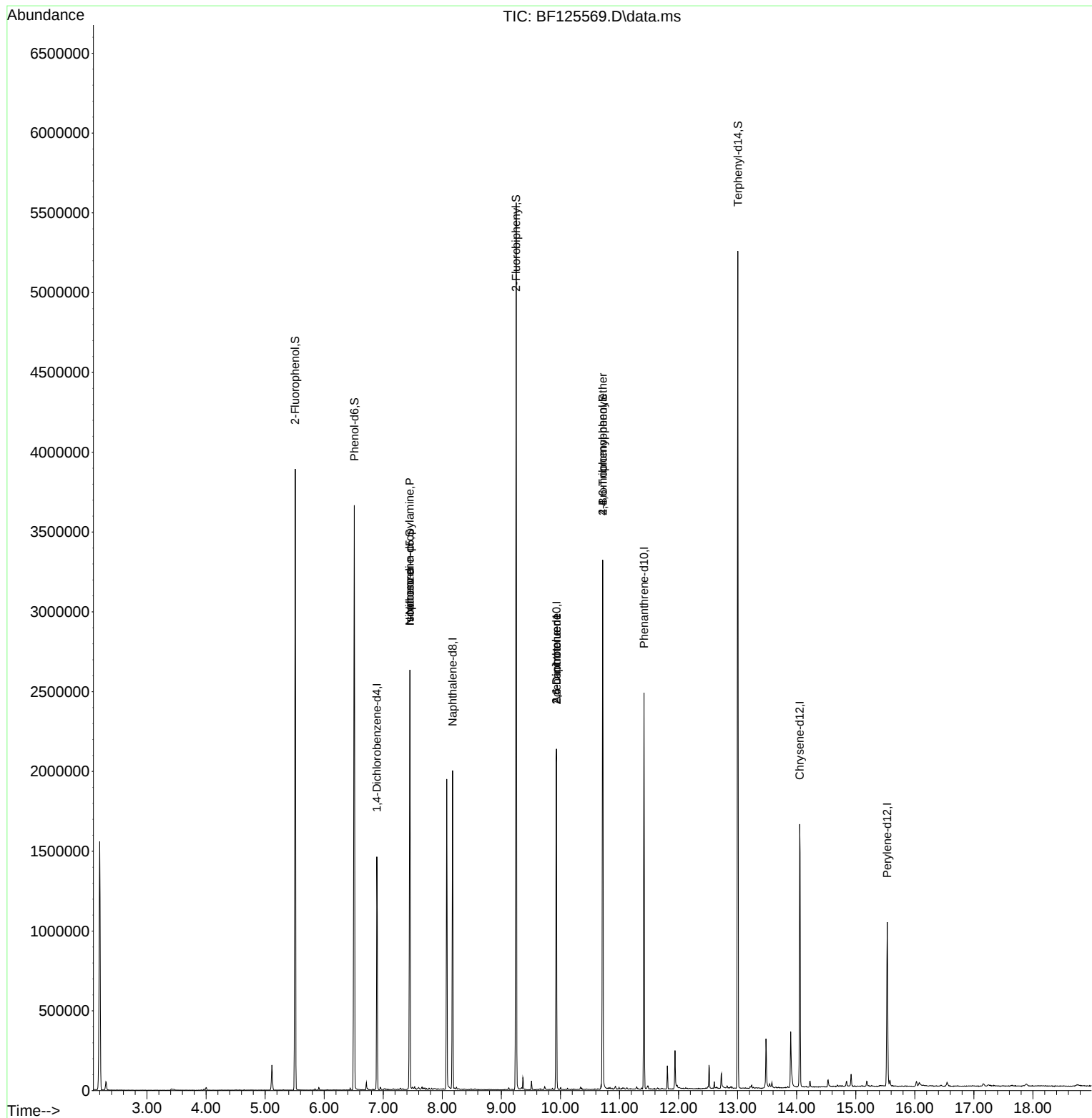
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	213781	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	897845	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	484944	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	832461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	566326	20.000	ng	-0.01
86) Perylene-d12	15.533	264	456737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1190604	88.070	ng	0.00
7) Phenol-d6	6.510	99	1446662	82.997	ng	-0.01
23) Nitrobenzene-d5	7.451	82	878902	62.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	417717	87.943	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1766038	63.005	ng	-0.01
79) Terphenyl-d14	13.004	244	1716319	48.939	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	1978	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	110710	10.612	ng	# 51
25) Isophorone	7.451	82	876853	28.946	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	60267	9.076	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	60267	7.574	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	23820	2.504	ng	# 1

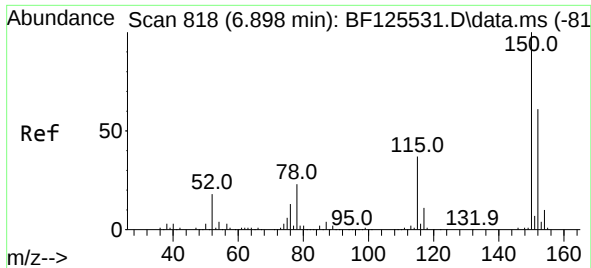
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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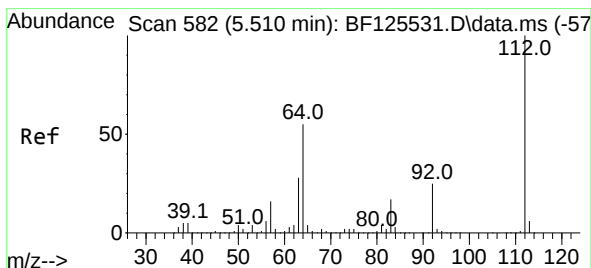
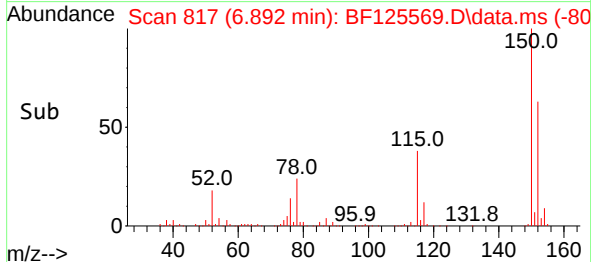
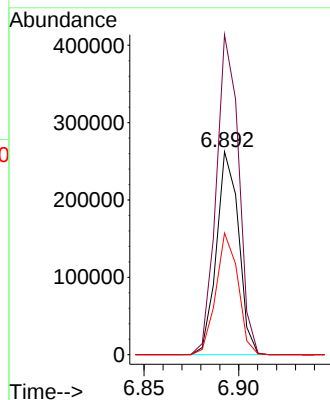
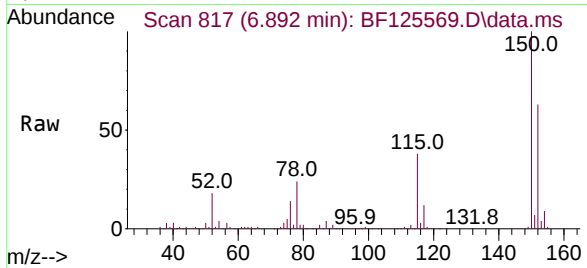




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

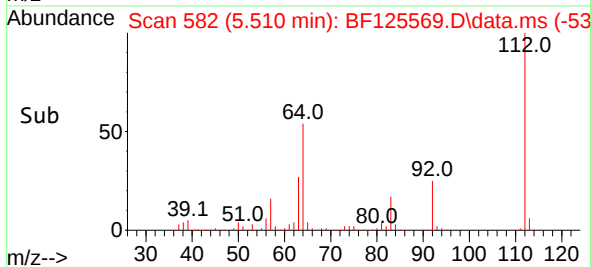
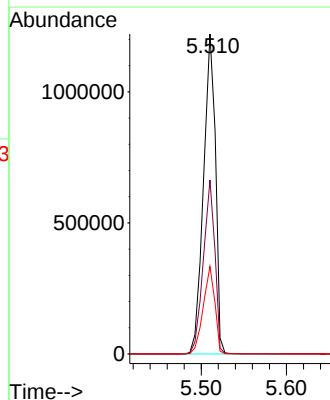
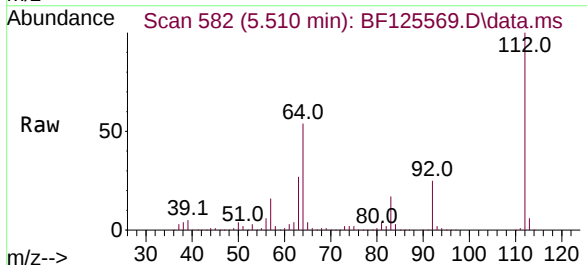
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

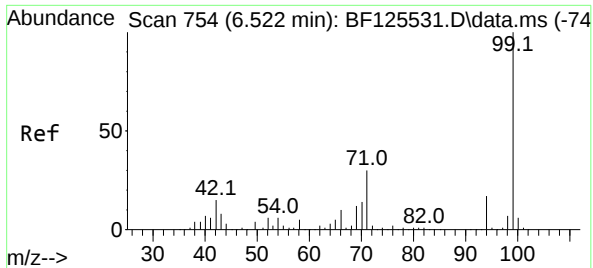
Tgt Ion:152 Resp: 213781
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 88.070 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion:112 Resp: 1190604
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 27.3 26.2 39.2

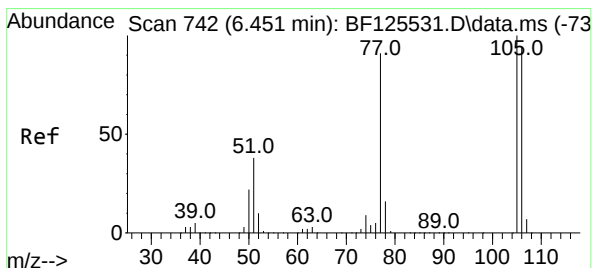
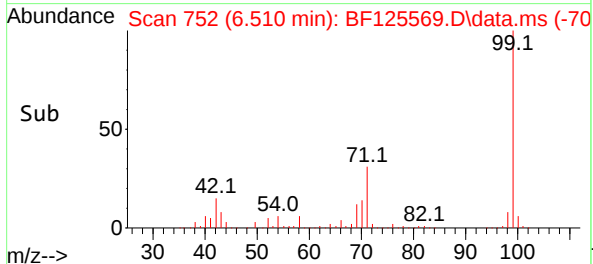
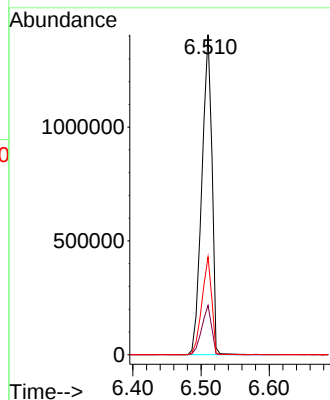
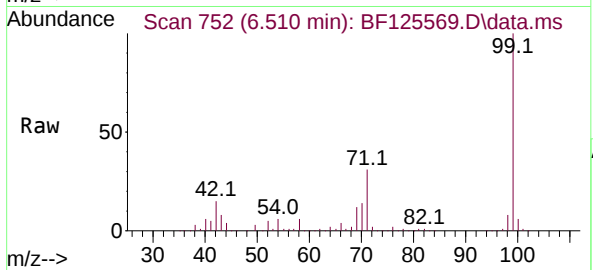




#7
Phenol-d6
Concen: 82.997 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

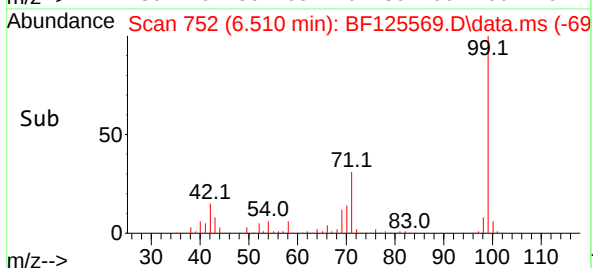
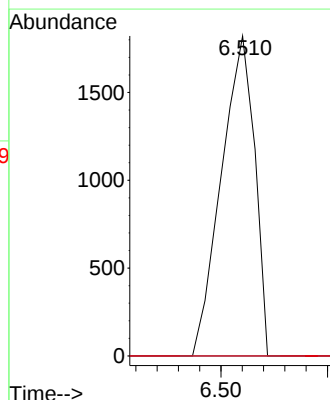
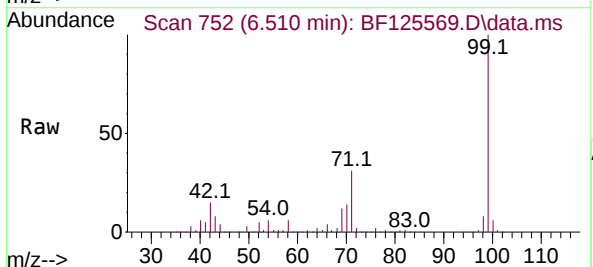
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

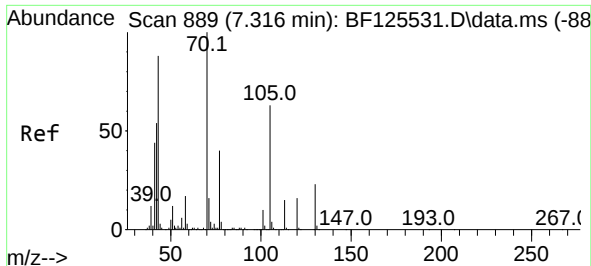
Tgt Ion: 99 Resp: 1446662
Ion Ratio Lower Upper
99 100
42 15.4 23.5 35.3#
71 30.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

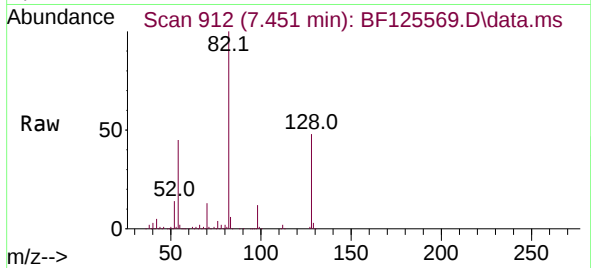
Tgt Ion: 77 Resp: 1978
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



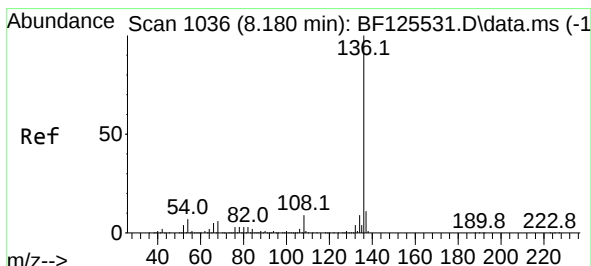
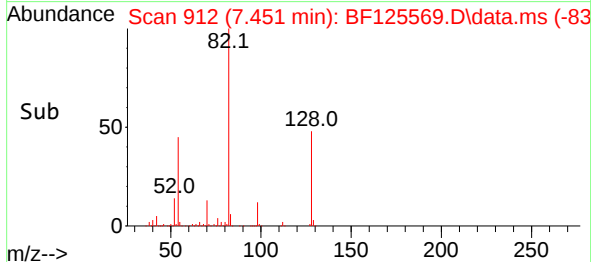
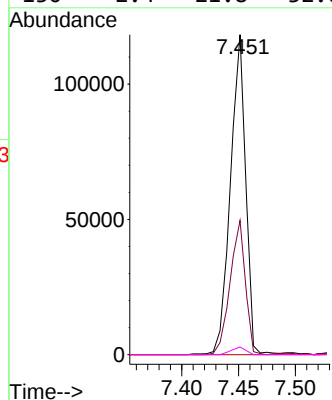


#19
n-Nitroso-di-n-propylamine
Concen: 10.612 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

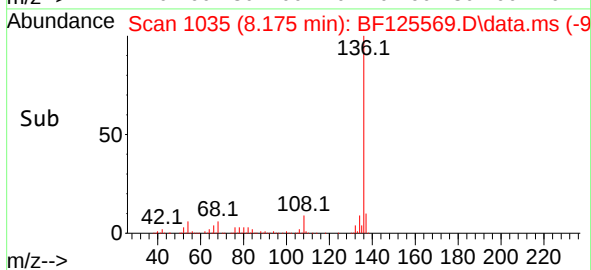
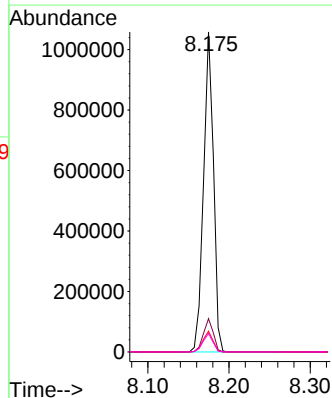
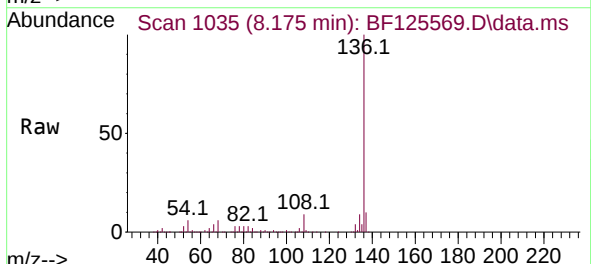


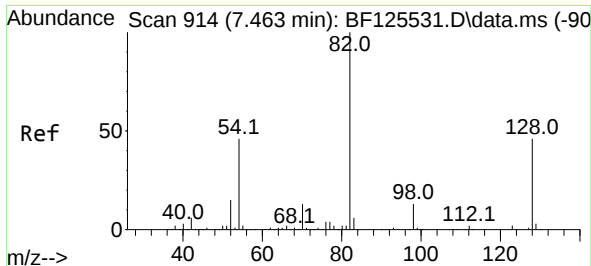
Tgt Ion: 70 Resp: 110710
Ion Ratio Lower Upper
70 100
42 42.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion: 136 Resp: 897845
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.5 6.4 9.6
68 5.8 3.3 4.9#

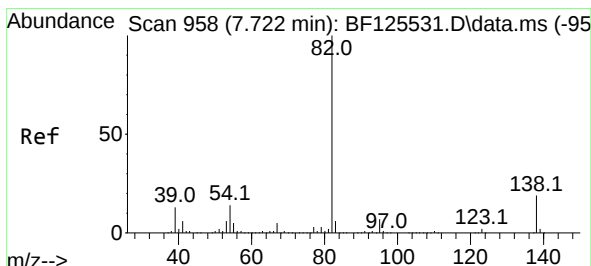
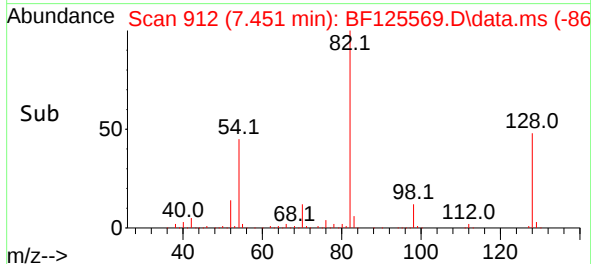
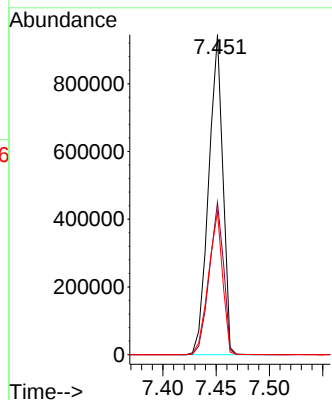
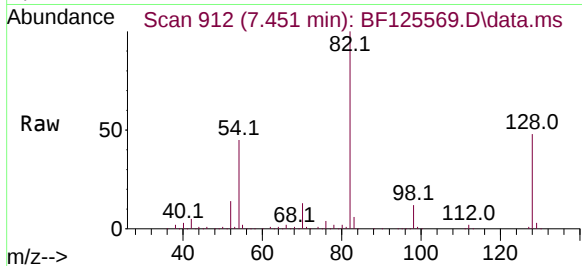




#23
Nitrobenzene-d5
Concen: 62.436 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

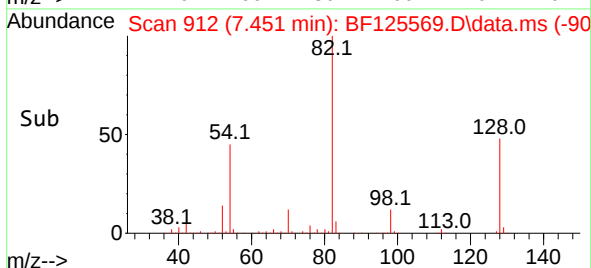
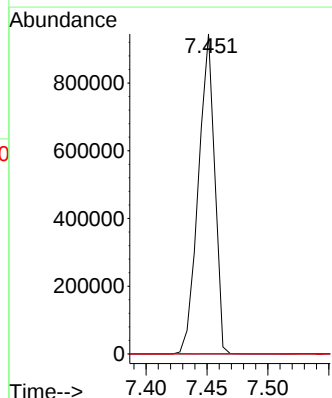
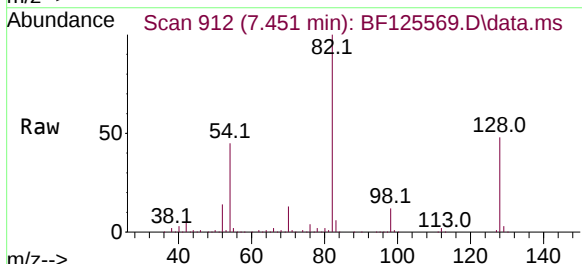
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

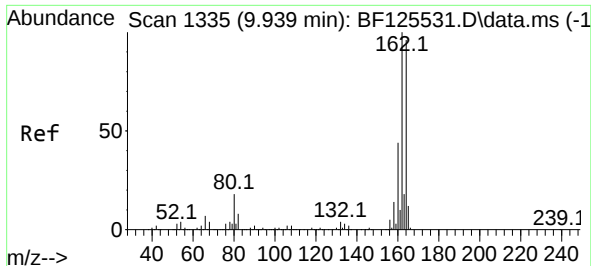
Tgt Ion: 82 Resp: 878902
Ion Ratio Lower Upper
82 100
128 47.6 40.6 60.8
54 44.7 49.6 74.4#



#25
Isophorone
Concen: 28.946 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion: 82 Resp: 876853
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: BF125569.D

Acq: 22 Sep 2021 20:40

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-01-(25-27)

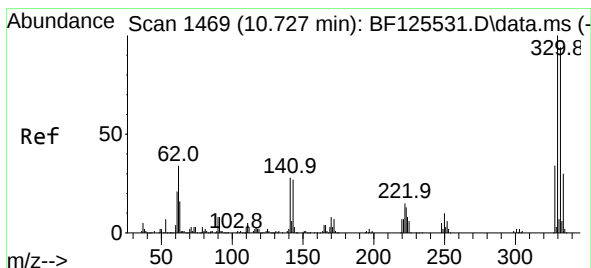
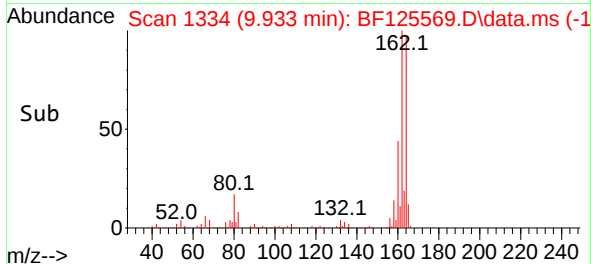
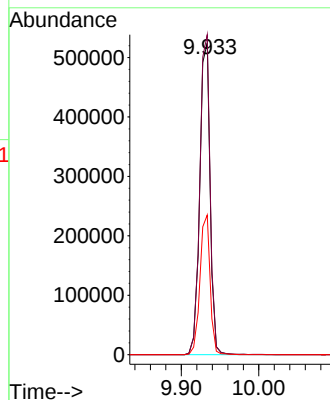
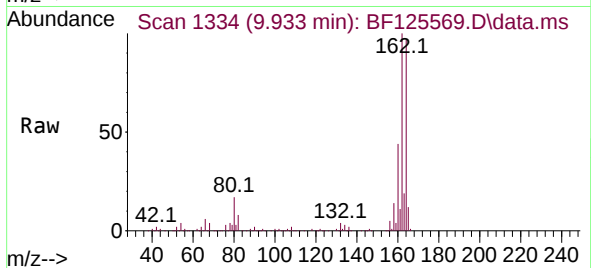
Tgt Ion:164 Resp: 484944

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 87.943 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125569.D

Acq: 22 Sep 2021 20:40

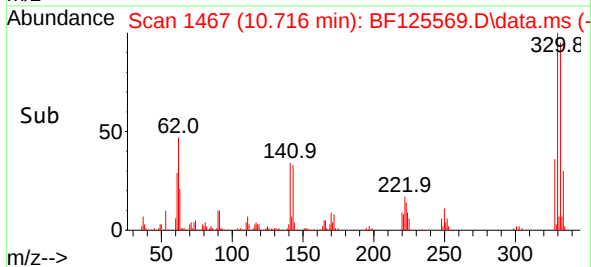
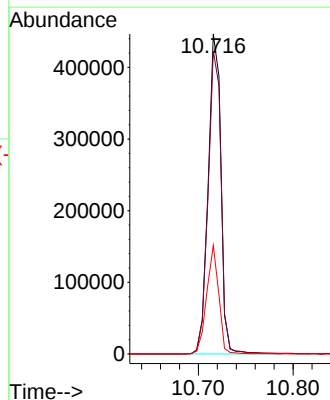
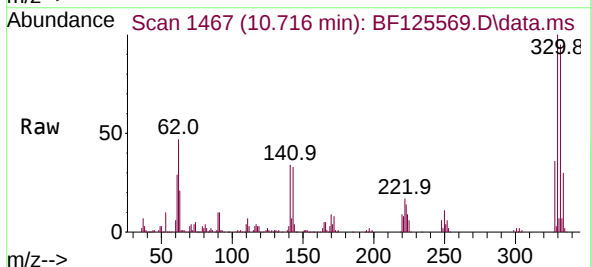
Tgt Ion:330 Resp: 417717

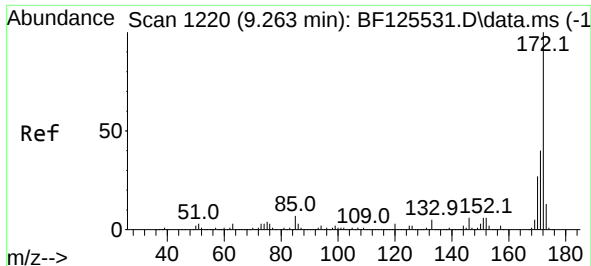
Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 32.1 44.6 66.8#

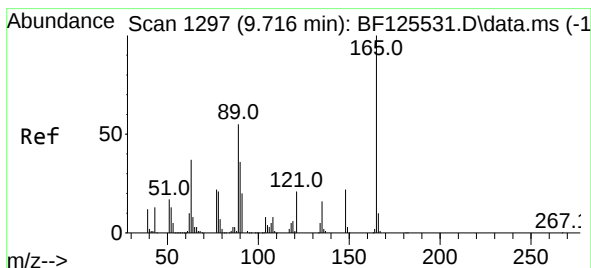
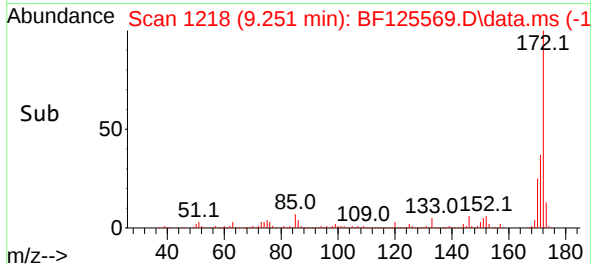
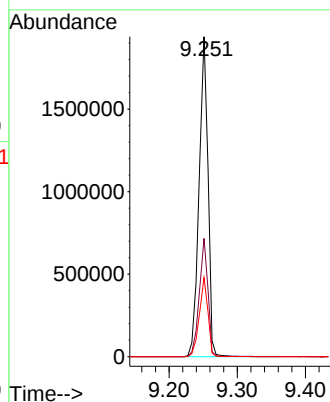
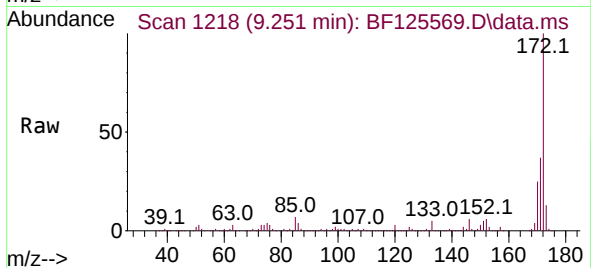




#45
2-Fluorobiphenyl
Concen: 63.005 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

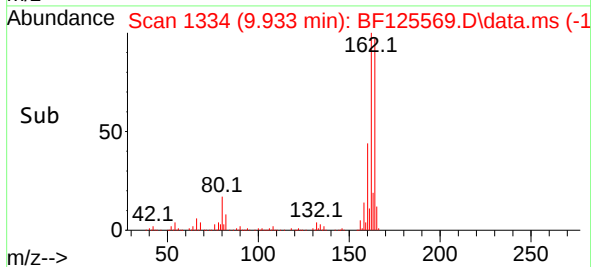
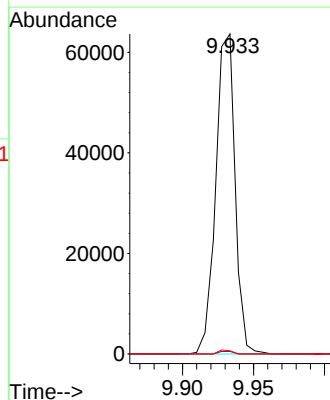
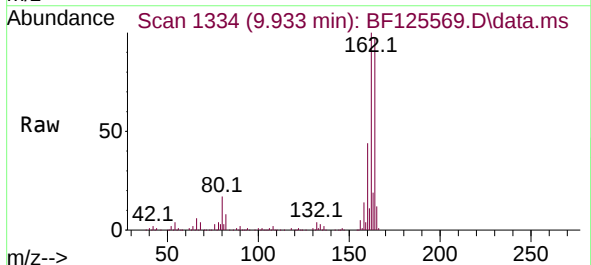
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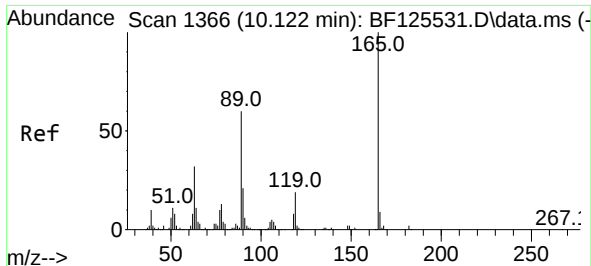
Tgt Ion:172 Resp: 1766038
Ion Ratio Lower Upper
172 100
171 37.0 26.5 39.7
170 24.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.076 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

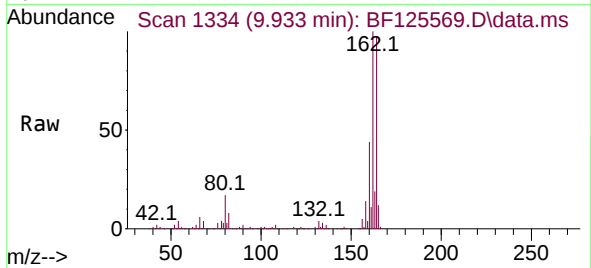
Tgt Ion:165 Resp: 60267
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



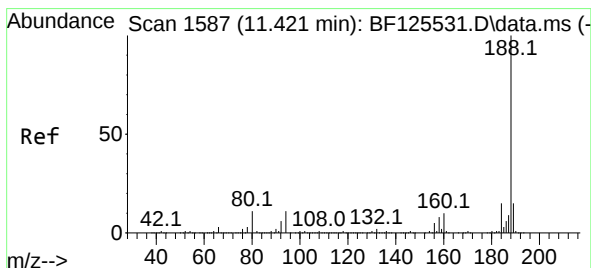
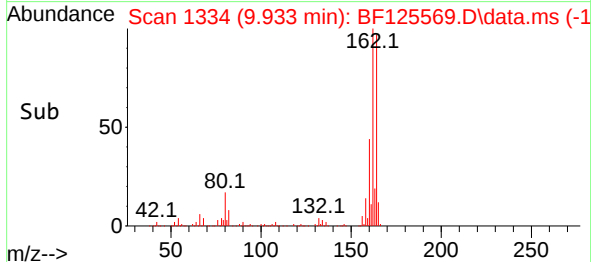
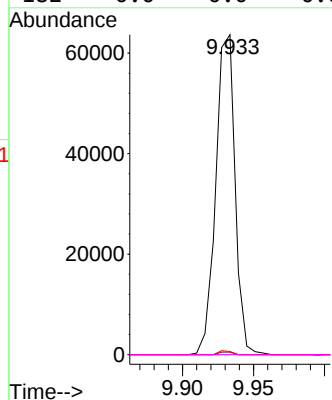


#57
2,4-Dinitrotoluene
Concen: 7.574 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

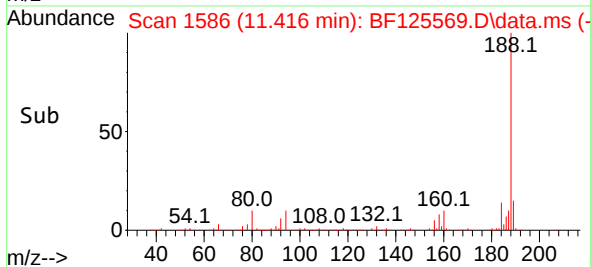
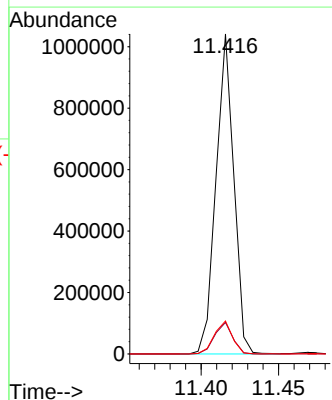
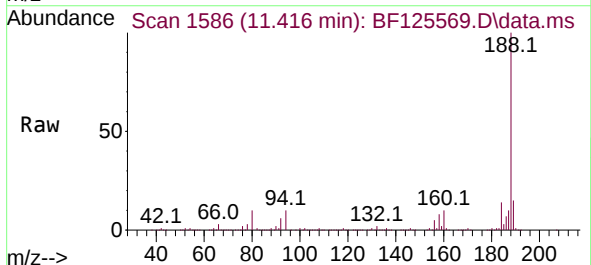


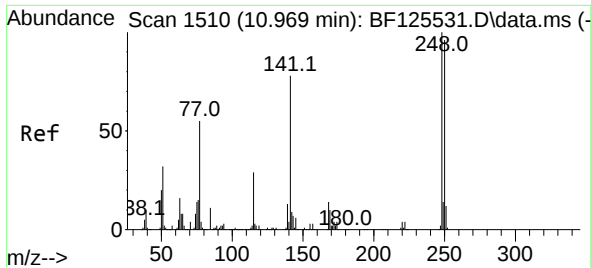
Tgt Ion:165 Resp: 60267
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion:188 Resp: 832461
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.3 7.5 11.3

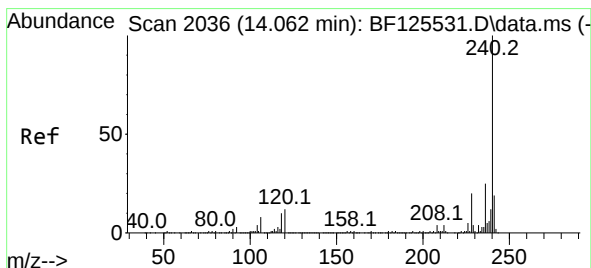
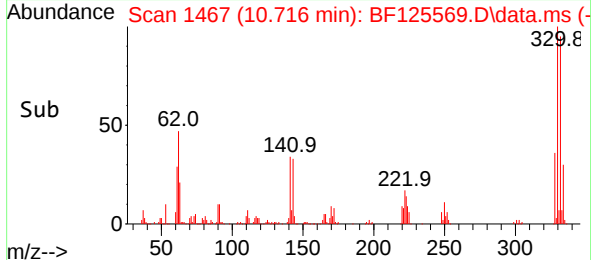
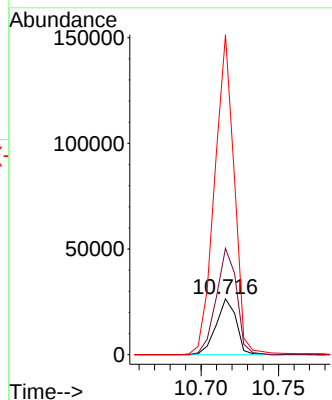
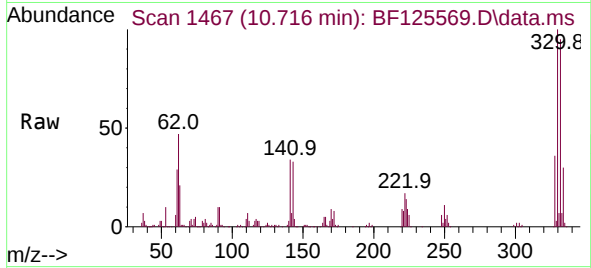




#67
4-Bromophenyl-phenylether
Concen: 2.504 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

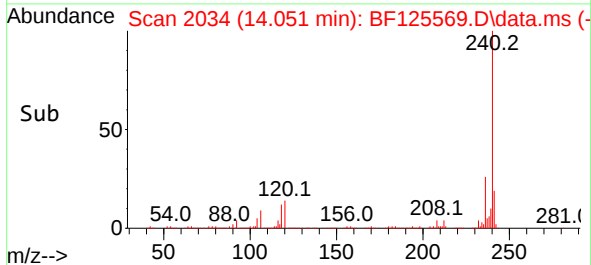
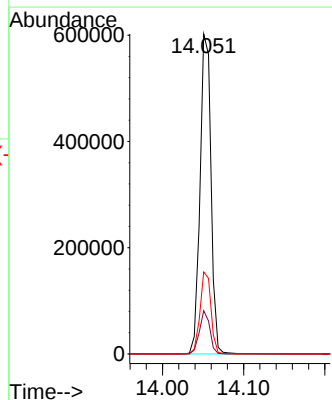
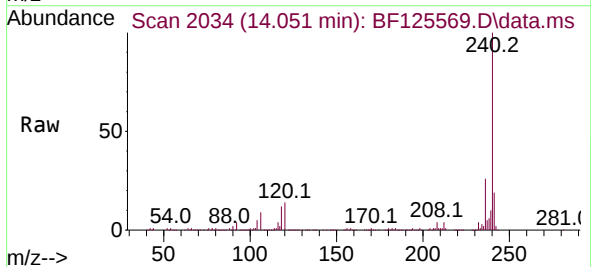
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

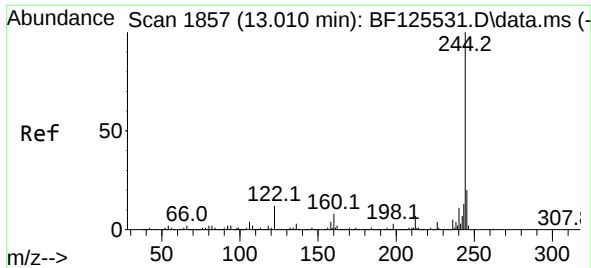
Tgt Ion:248 Resp: 23820
Ion Ratio Lower Upper
248 100
250 190.6 74.2 111.4#
141 573.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion:240 Resp: 566326
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.6 21.6 32.4

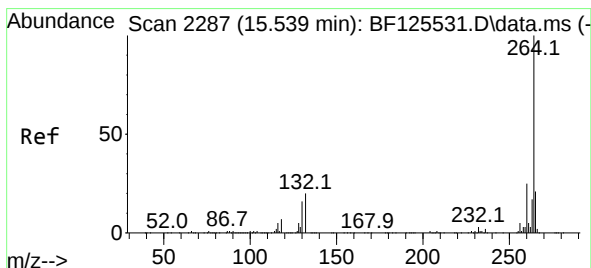
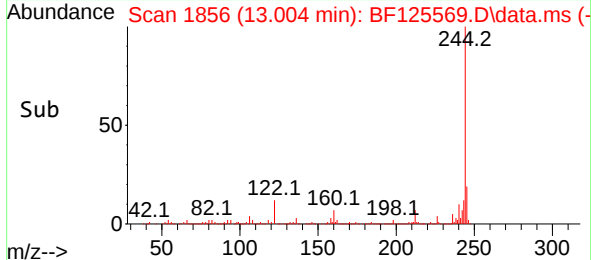
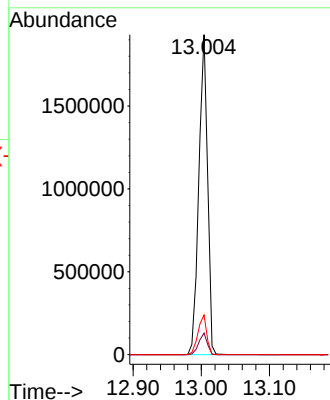
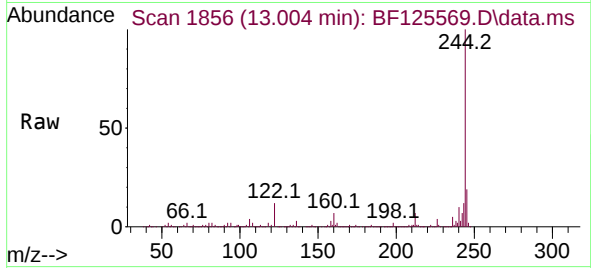




#79
Terphenyl-d14
Concen: 48.939 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125569.D
Acq: 22 Sep 2021 20:40

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

Tgt Ion:244 Resp: 1716319
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.4 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: BF125569.D
Acq: 22 Sep 2021 20:40

Tgt Ion:264 Resp: 456737
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.6 17.2 25.8

