

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125591.D
 Acq On : 23 Sep 2021 14:35
 Operator : JU/CG
 Sample : M3798-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-06-(15-18)

Quant Time: Sep 23 15:20:38 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)

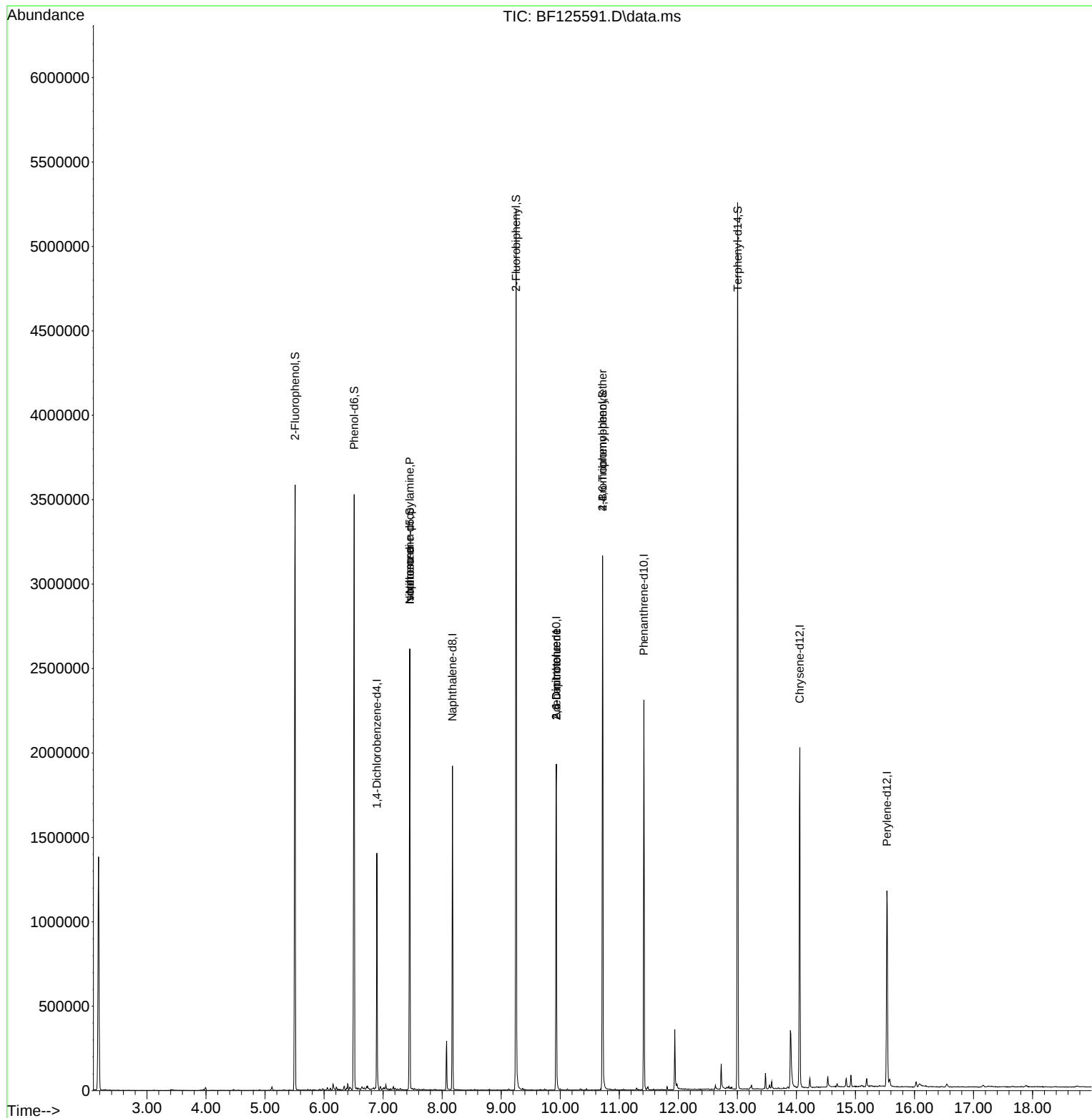
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	192250	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	795586	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	429621	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	783267	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	662140	20.000	ng	0.00
86) Perylene-d12	15.533	264	538686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1108648	91.192	ng	0.00
7) Phenol-d6	6.510	99	1338459	85.390	ng	-0.01
23) Nitrobenzene-d5	7.451	82	796270	63.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	410856	97.637	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1640358	66.688	ng	-0.01
79) Terphenyl-d14	13.004	244	1843907	44.969	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	1697	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	101440	10.813	ng	# 50
25) Isophorone	7.451	82	792557	29.526	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	53241	9.051	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	53241	7.552	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	23806	2.660	ng	# 1

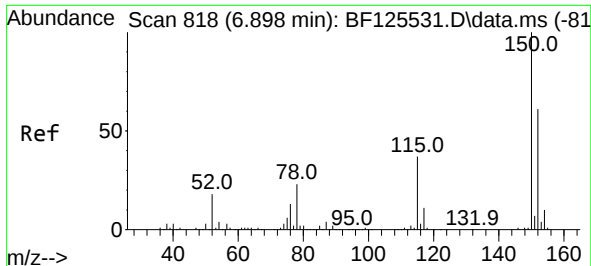
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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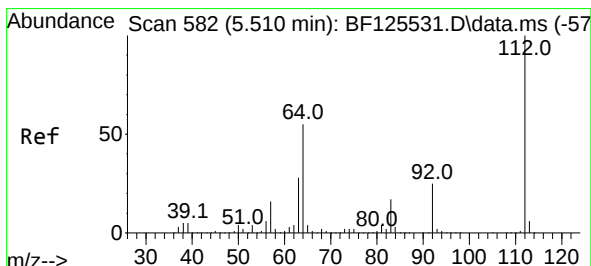
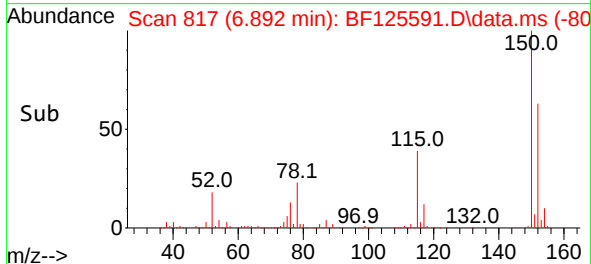
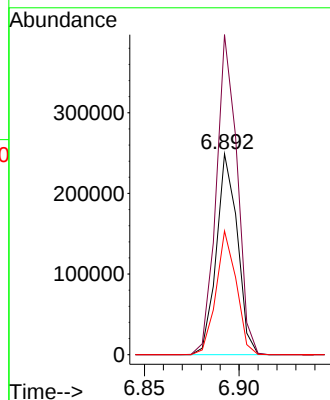
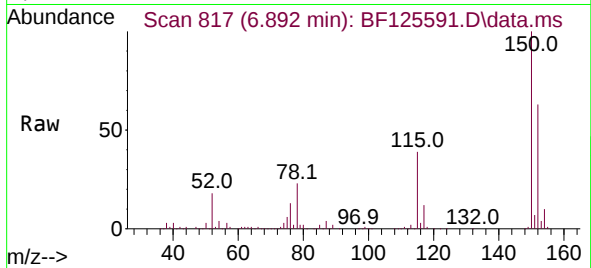




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

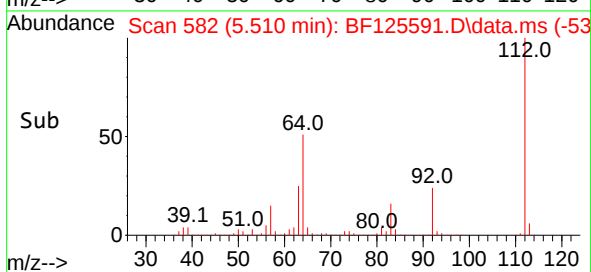
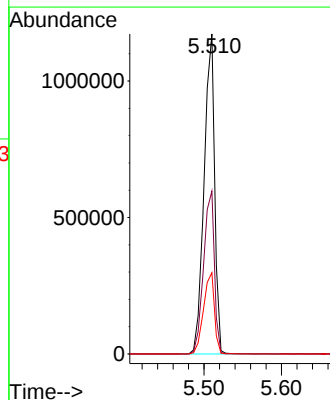
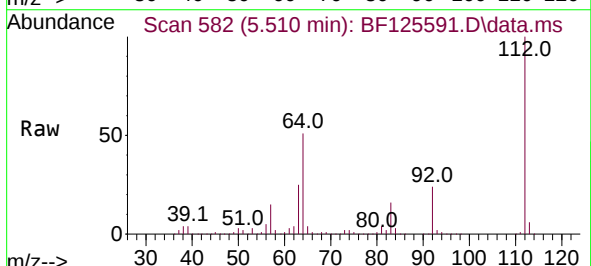
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

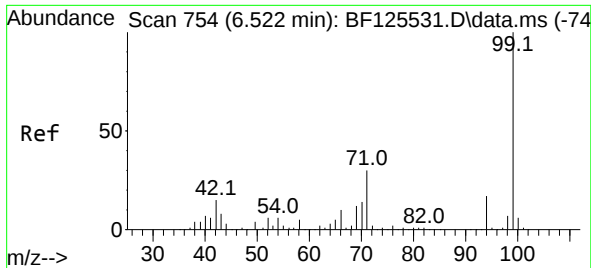
Tgt Ion:152 Resp: 192250
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 91.192 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion:112 Resp: 1108648
Ion Ratio Lower Upper
112 100
64 50.9 44.2 66.2
63 25.4 26.2 39.2#

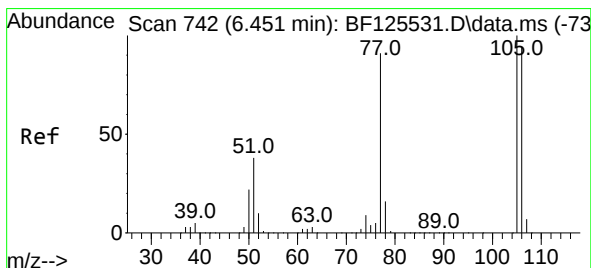
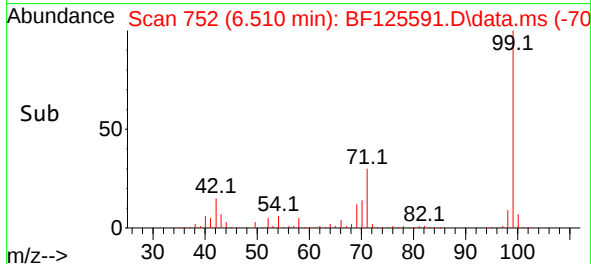
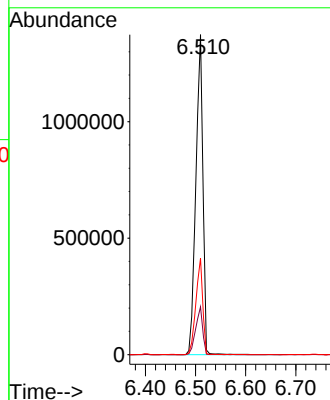
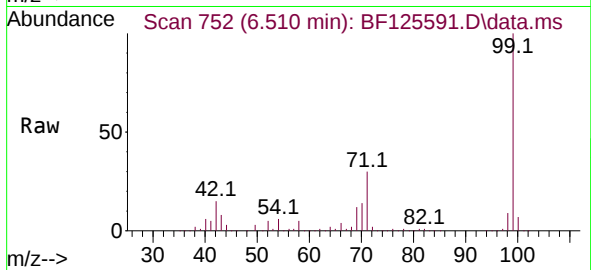




#7
Phenol-d6
Concen: 85.390 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

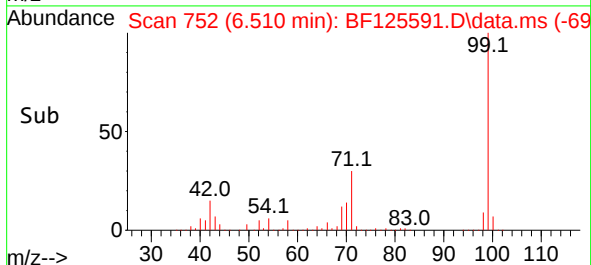
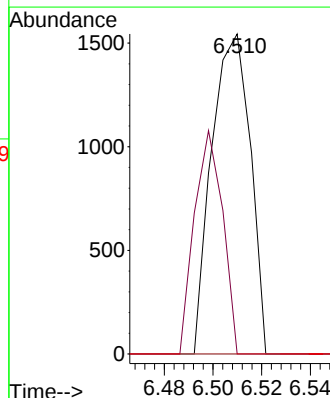
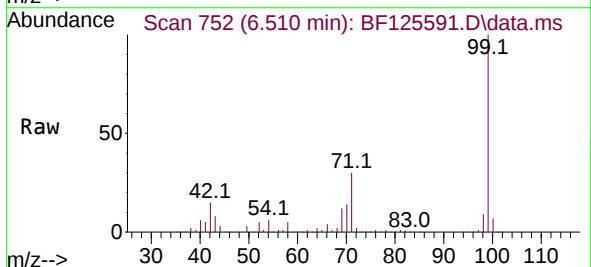
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

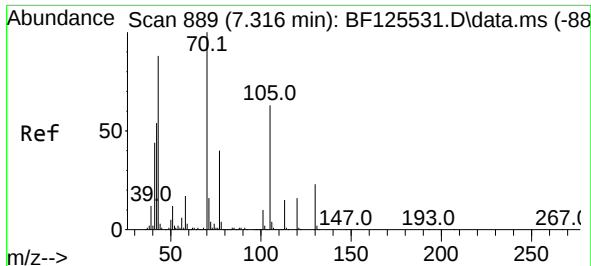
Tgt Ion: 99 Resp: 1338459
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 30.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.059 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

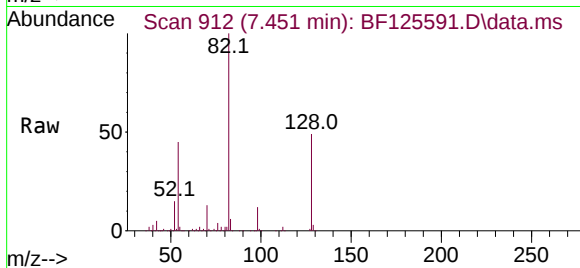
Tgt Ion: 77 Resp: 1697
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



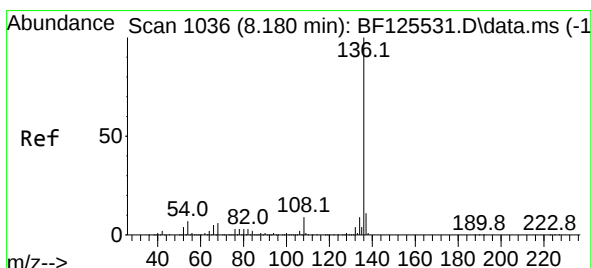
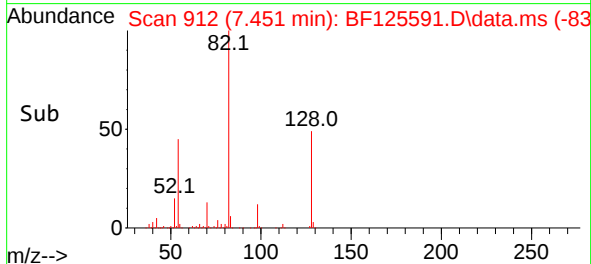
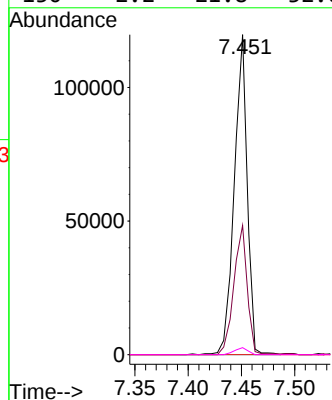


#19
n-Nitroso-di-n-propylamine
Concen: 10.813 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

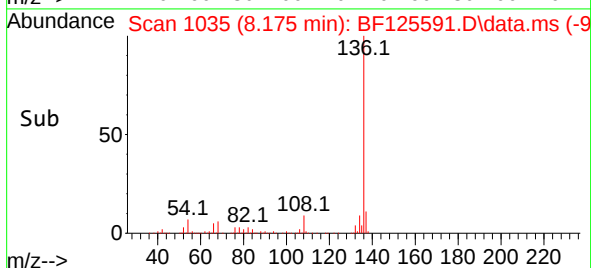
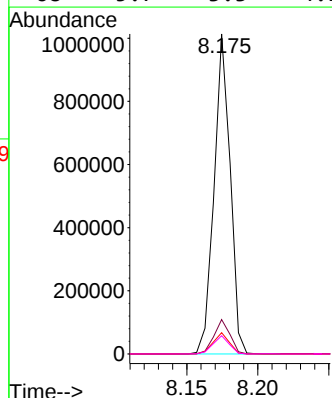
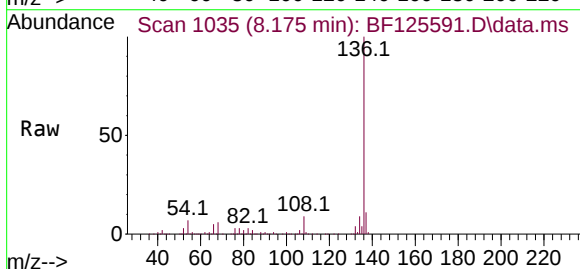


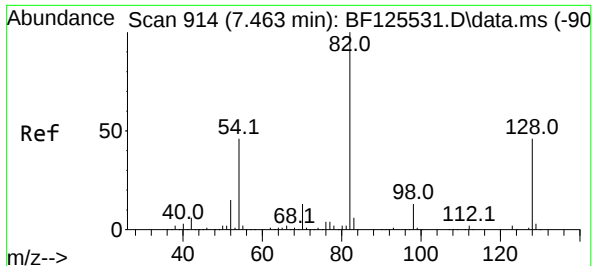
Tgt Ion: 70 Resp: 101440
Ion Ratio Lower Upper
70 100
42 40.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion: 136 Resp: 795586
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.6 6.4 9.6
68 5.7 3.3 4.9#

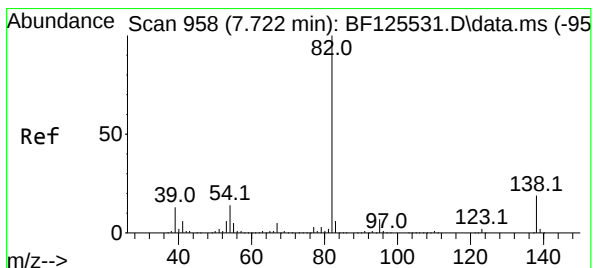
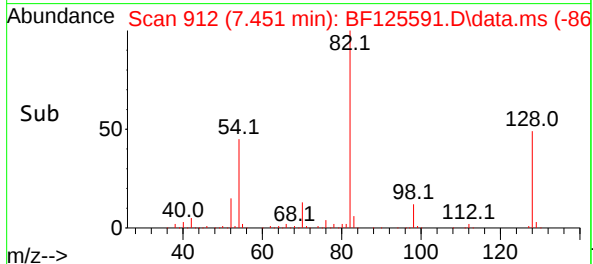
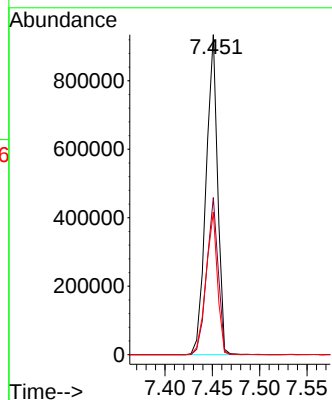
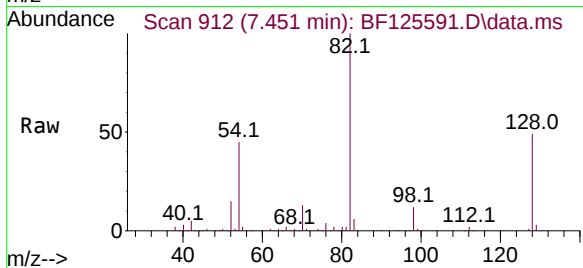




#23
Nitrobenzene-d5
Concen: 63.837 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

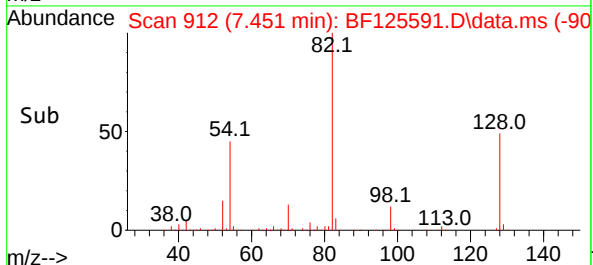
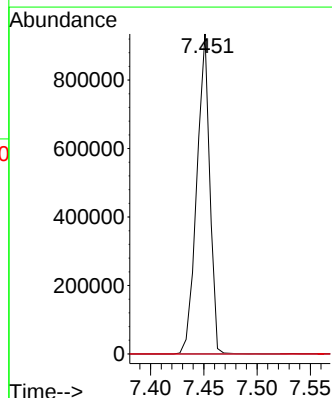
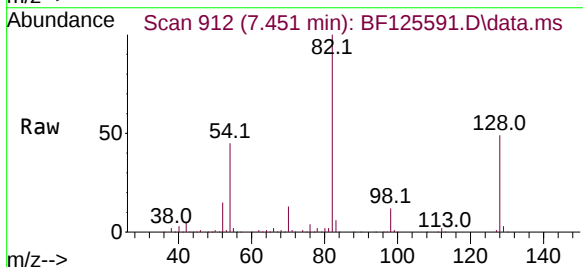
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

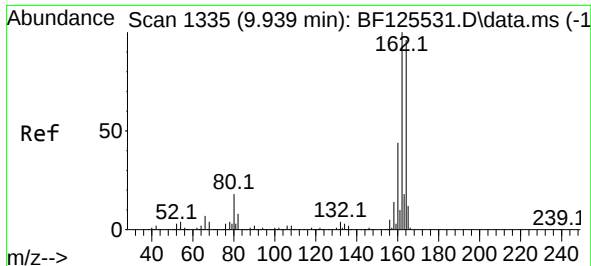
Tgt Ion: 82 Resp: 796270
Ion Ratio Lower Upper
82 100
128 49.1 40.6 60.8
54 44.6 49.6 74.4#



#25
Isophorone
Concen: 29.526 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion: 82 Resp: 792557
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: BF125591.D

Acq: 23 Sep 2021 14:35

Tgt Ion:164 Resp: 429621

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

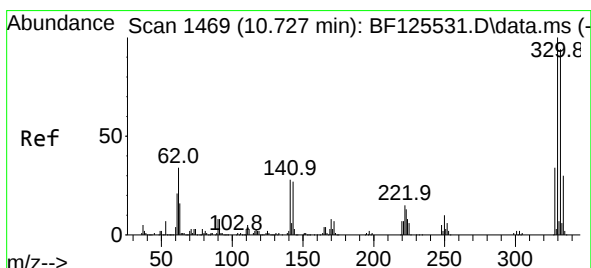
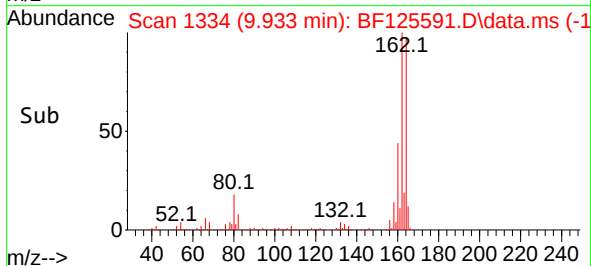
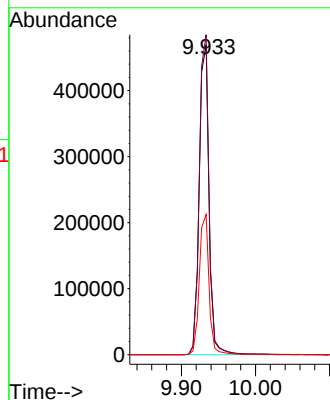
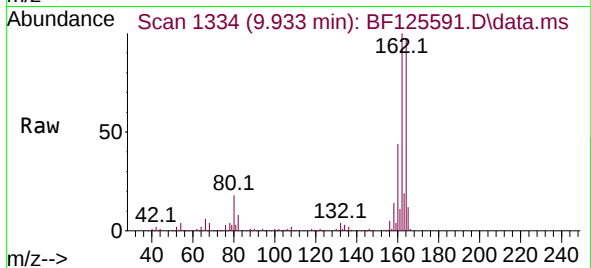
160 45.2 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

NAPL-06-(15-18)



#42

2,4,6-Tribromophenol

Concen: 97.637 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125591.D

Acq: 23 Sep 2021 14:35

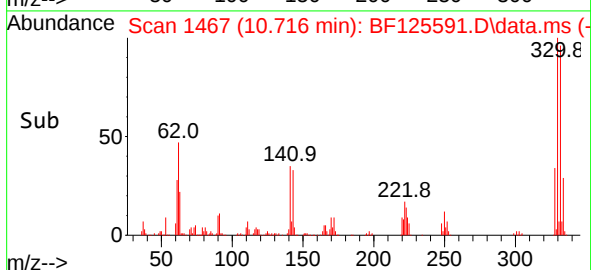
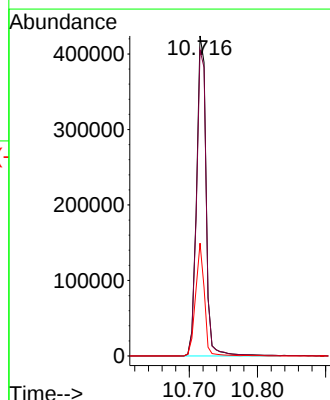
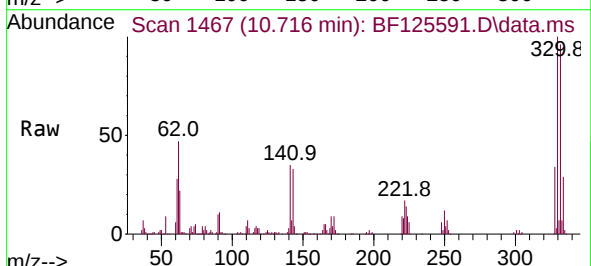
Tgt Ion:330 Resp: 410856

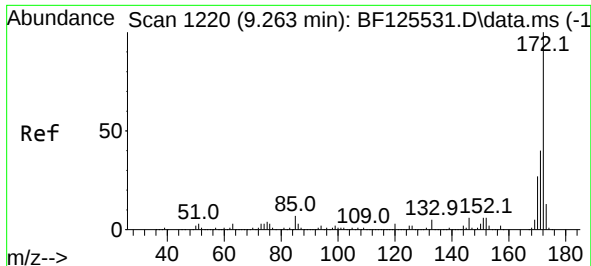
Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 32.7 44.6 66.8#

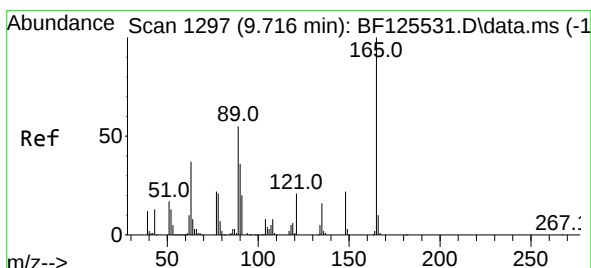
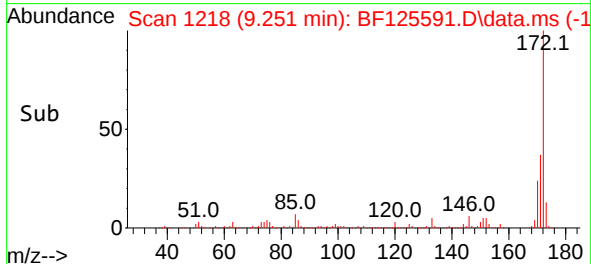
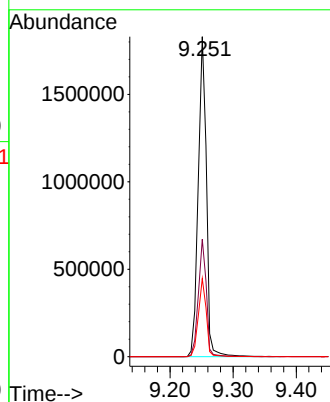
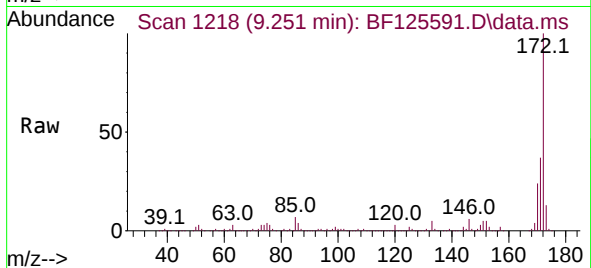




#45
2-Fluorobiphenyl
Concen: 66.688 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

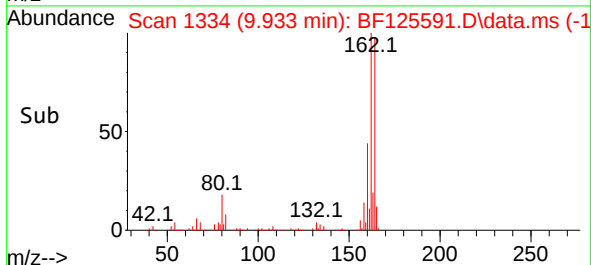
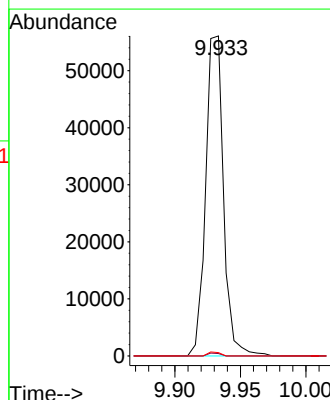
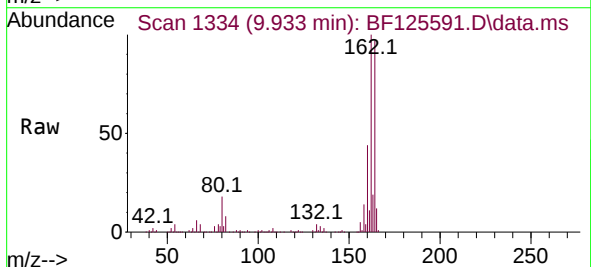
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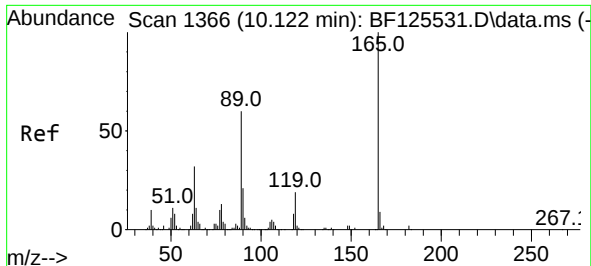
Tgt Ion:172 Resp: 1640358
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion:165 Resp: 53241
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#

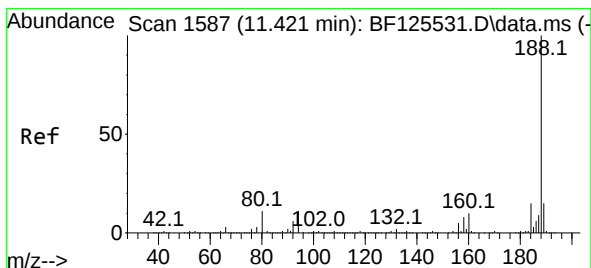
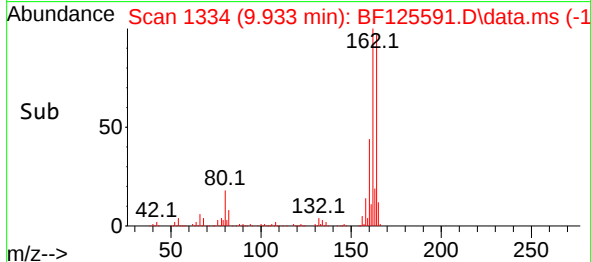
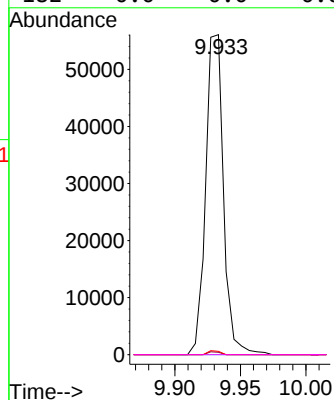
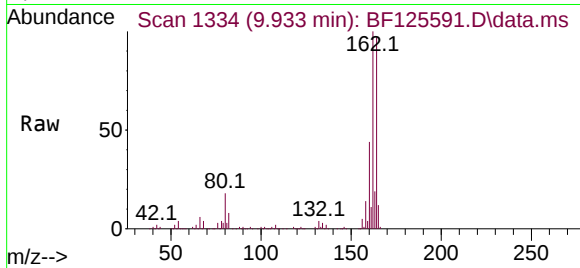




#57
2,4-Dinitrotoluene
Concen: 7.552 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

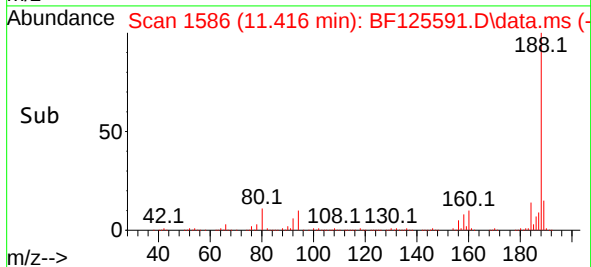
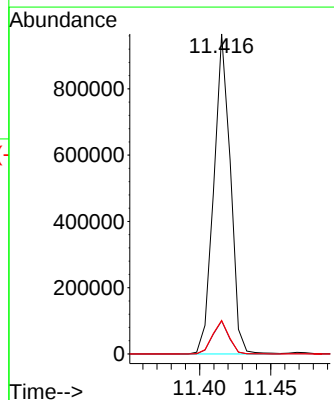
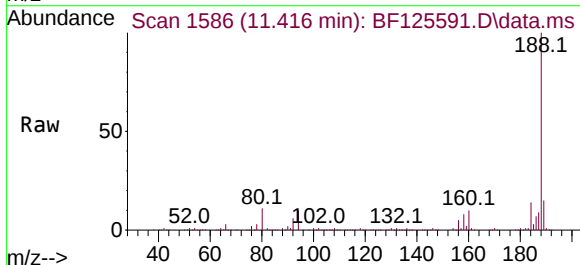
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

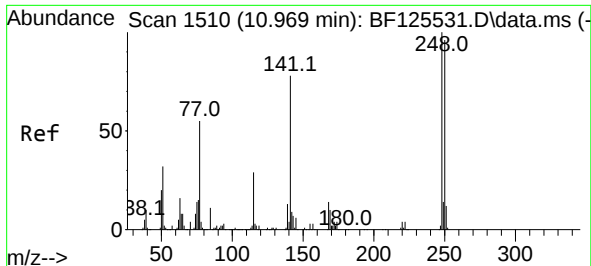
Tgt Ion:165 Resp: 53241
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion:188 Resp: 783267
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.5 7.5 11.3

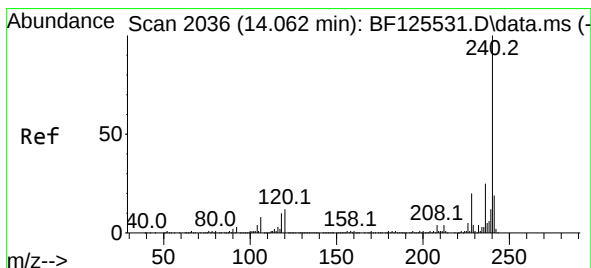
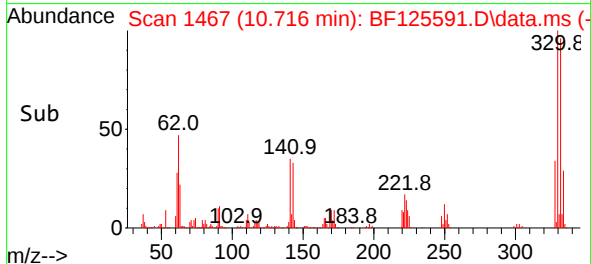
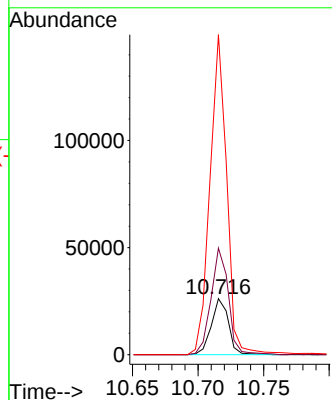
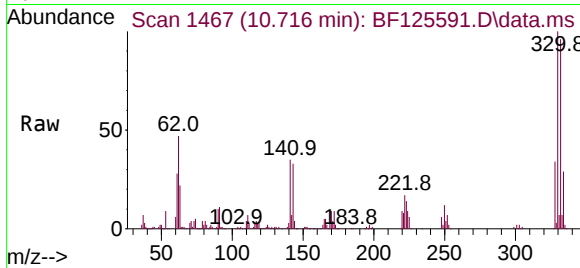




#67
4-Bromophenyl-phenylether
Concen: 2.660 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

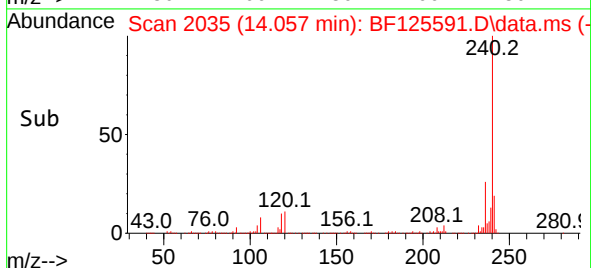
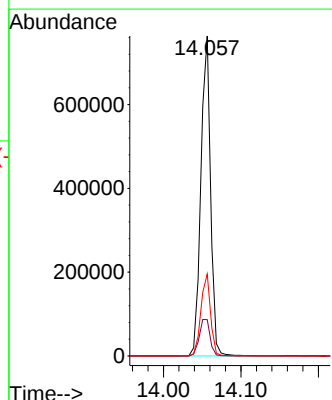
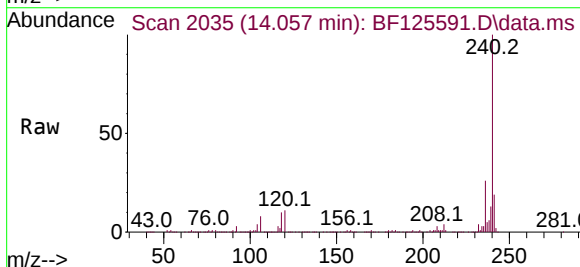
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

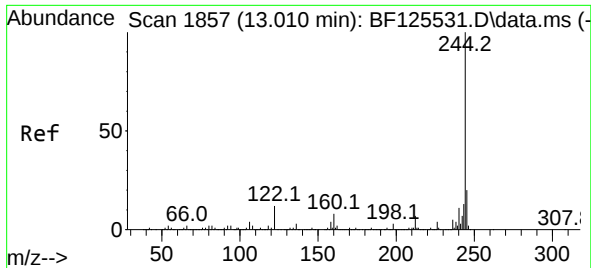
Tgt Ion:248 Resp: 23806
Ion Ratio Lower Upper
248 100
250 190.2 74.2 111.4#
141 571.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion:240 Resp: 662140
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.6 21.6 32.4

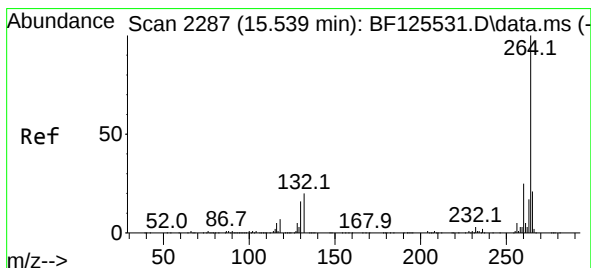
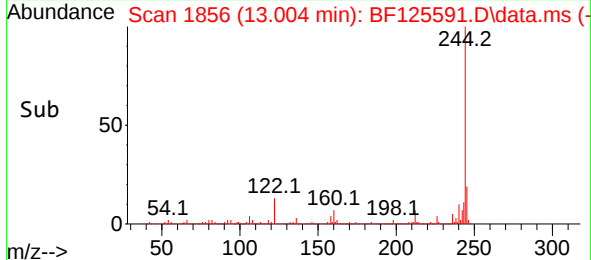
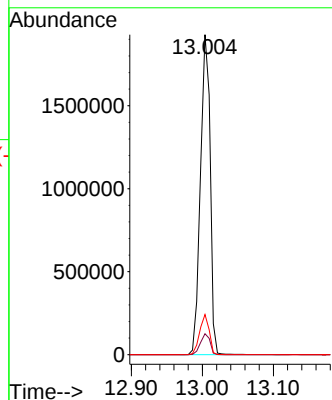
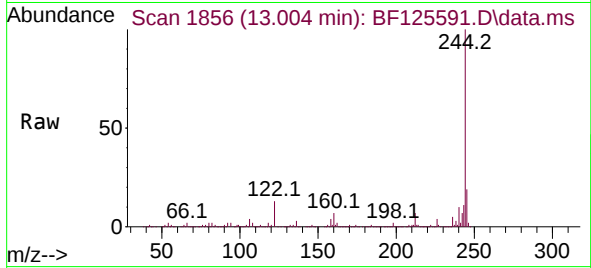




#79
Terphenyl-d14
Concen: 44.969 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125591.D
Acq: 23 Sep 2021 14:35

Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

Tgt Ion:244 Resp: 1843907
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.6 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: BF125591.D
Acq: 23 Sep 2021 14:35

Tgt Ion:264 Resp: 538686
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 19.9 17.2 25.8

