

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125554.D
 Acq On : 22 Sep 2021 12:18
 Operator : JU/CG
 Sample : M3750-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-03-(8-10)

Quant Time: Sep 22 13:49:34 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)

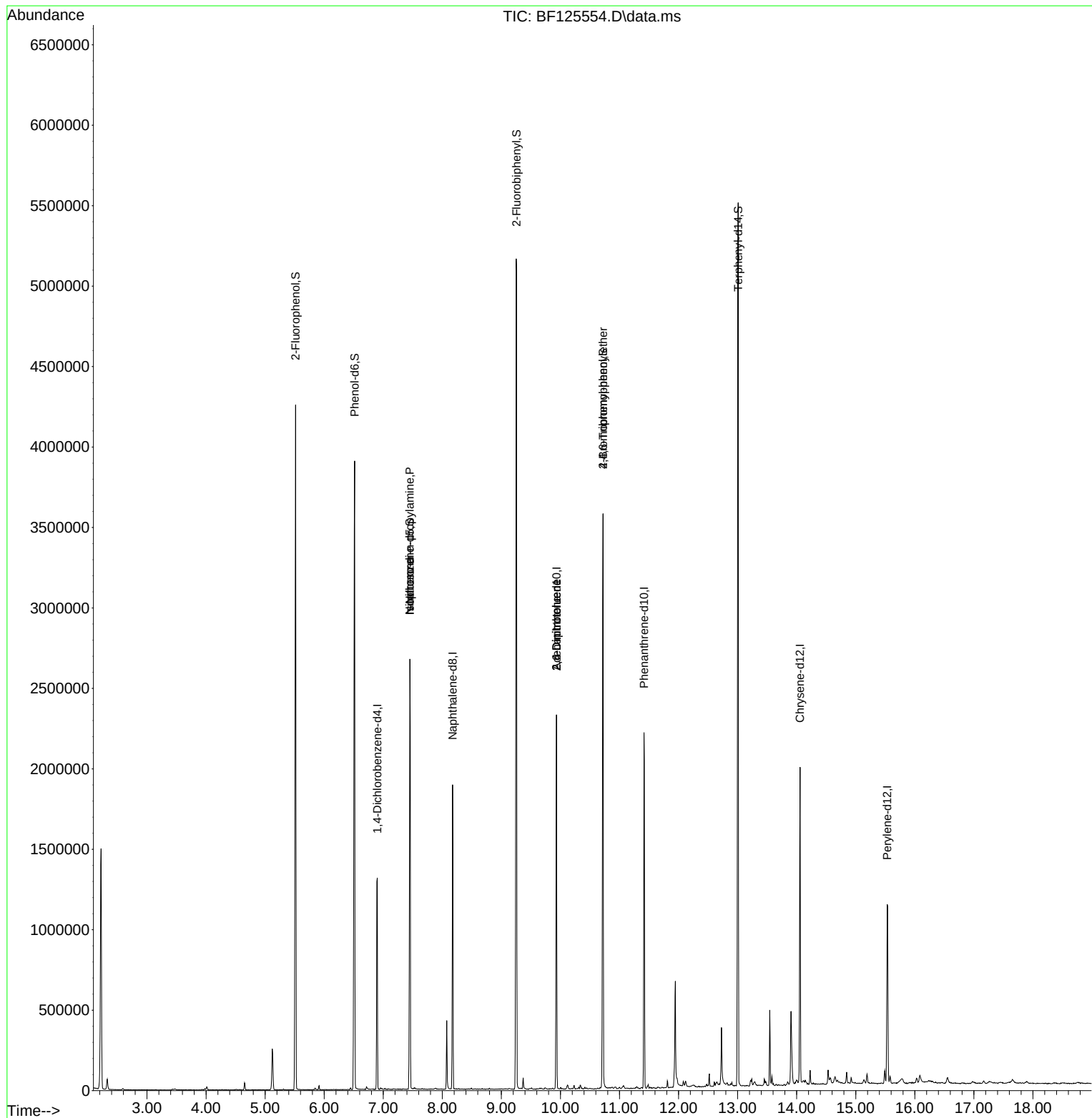
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	210417	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	872740	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	466515	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	834291	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	630404	20.000	ng	0.00
86) Perylene-d12	15.533	264	518919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1314836	98.815	ng	0.00
7) Phenol-d6	6.516	99	1608862	93.779	ng	0.00
23) Nitrobenzene-d5	7.451	82	970678	70.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	482849	105.671	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1900110	72.009	ng	0.00
79) Terphenyl-d14	13.010	244	2038908	52.228	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2265	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	122749	11.955	ng	# 53
25) Isophorone	7.451	82	967521	32.857	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	58292	9.126	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	58292	7.615	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	26400	2.769	ng	# 1

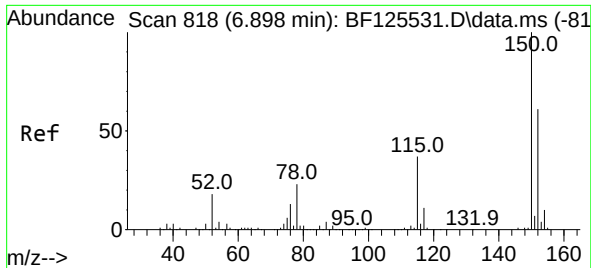
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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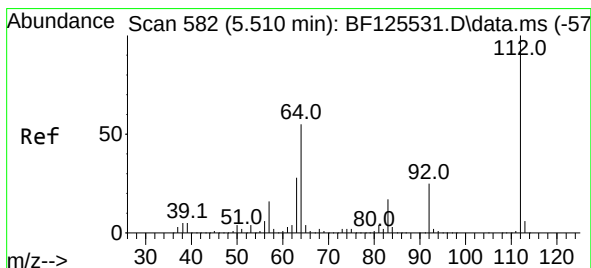
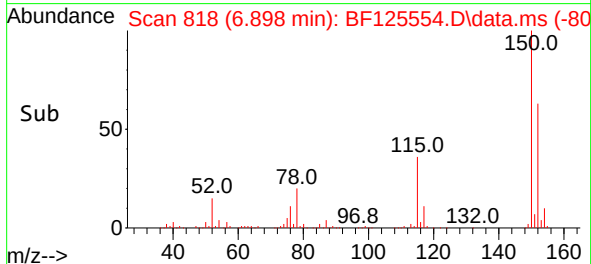
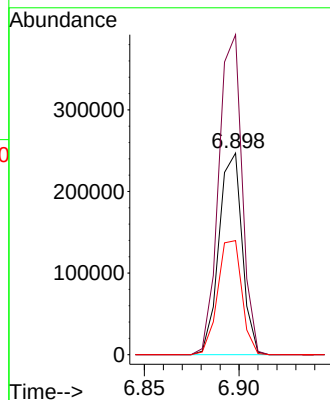
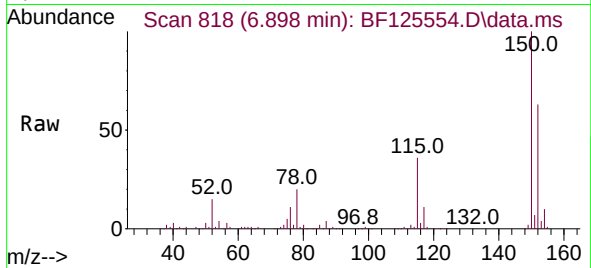




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

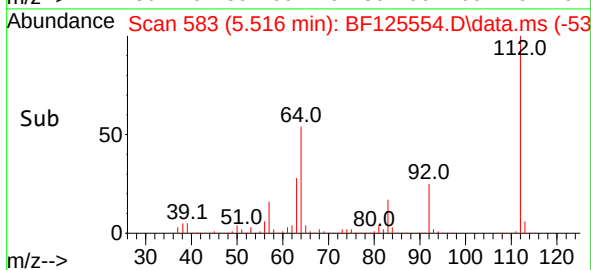
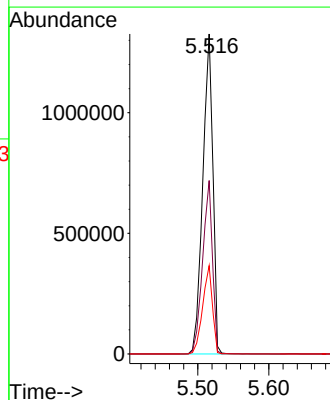
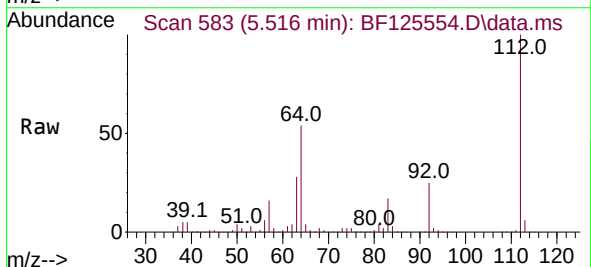
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

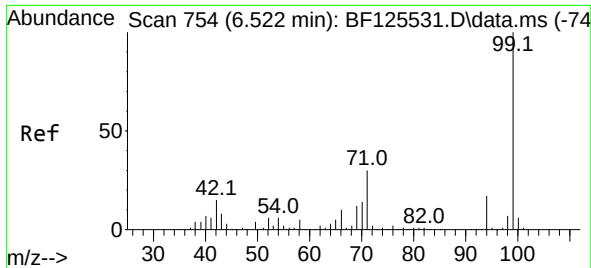
Tgt Ion:152 Resp: 210417
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 56.6 47.1 70.7



#5
2-Fluorophenol
Concen: 98.815 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:112 Resp: 1314836
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 27.6 26.2 39.2

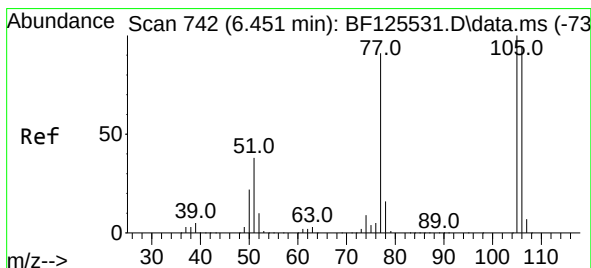
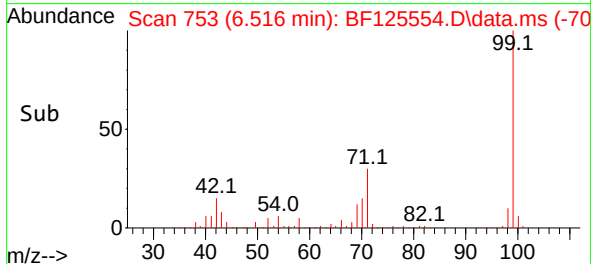
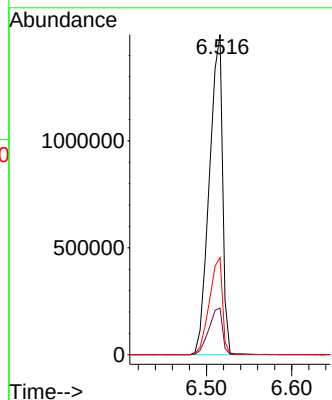
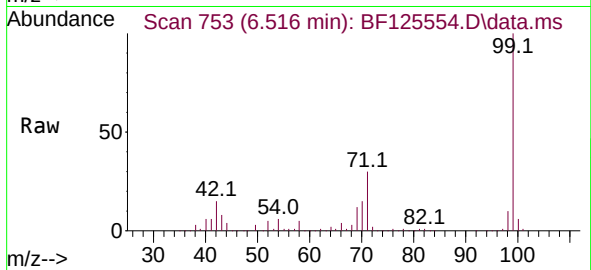




#7
Phenol-d6
Concen: 93.779 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

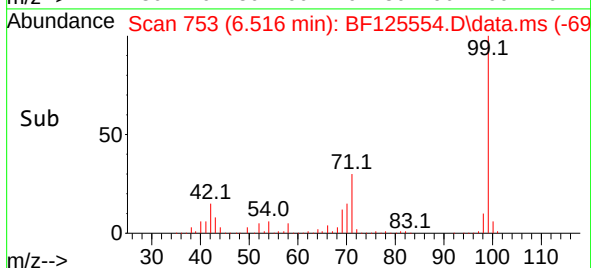
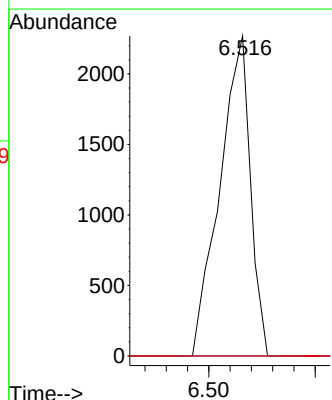
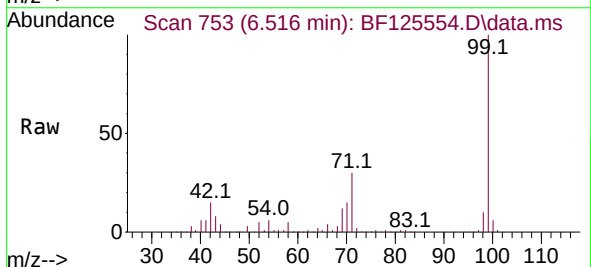
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

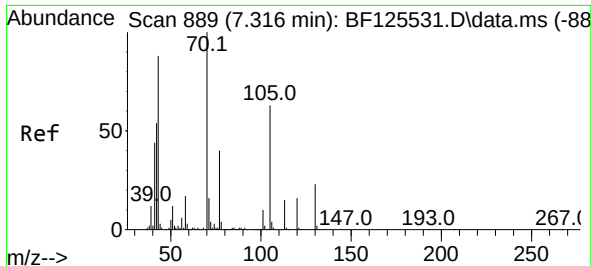
Tgt Ion: 99 Resp: 1608862
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion: 77 Resp: 2265
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

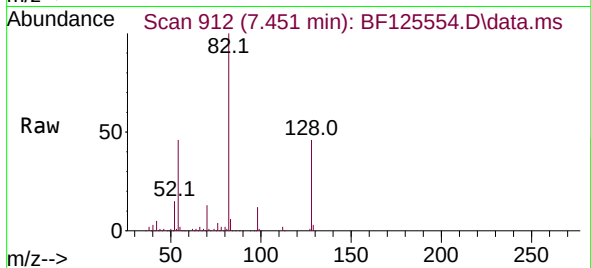




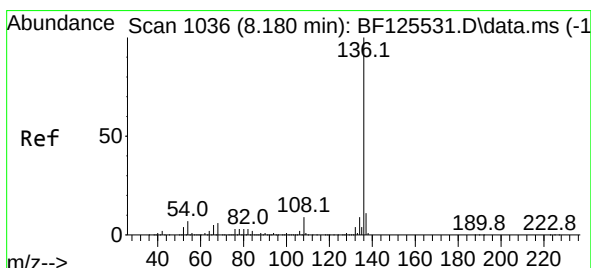
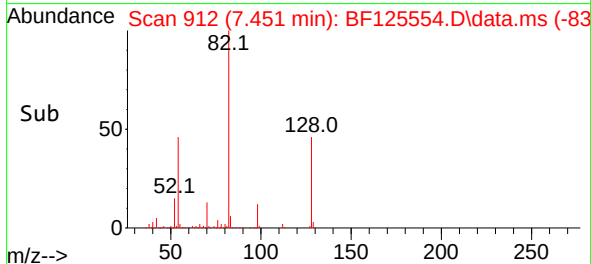
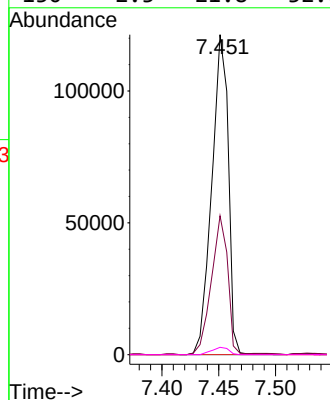
#19

n-Nitroso-di-n-propylamine
Concen: 11.955 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)



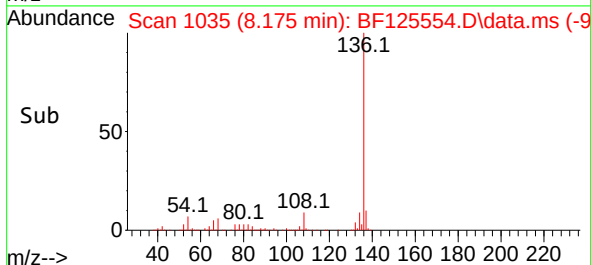
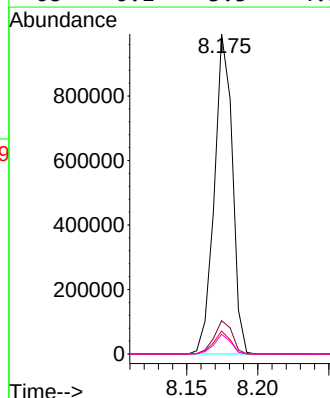
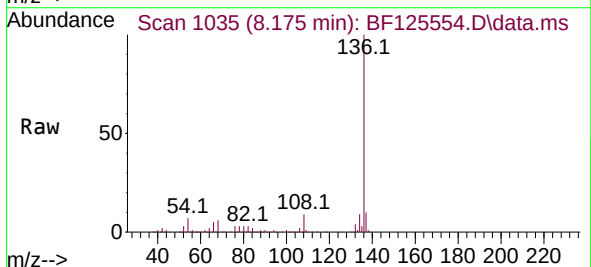
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

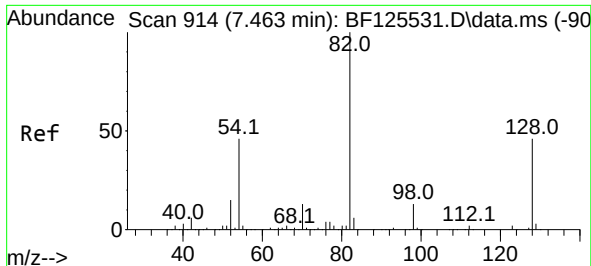


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	7.2	6.4	9.6
68	6.1	3.3	4.9#

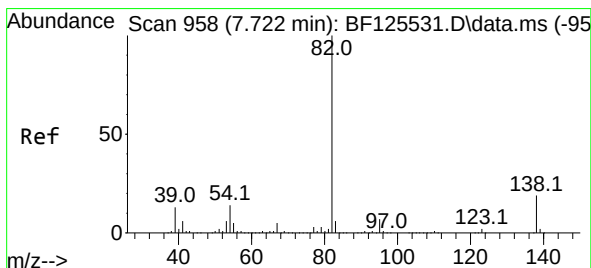
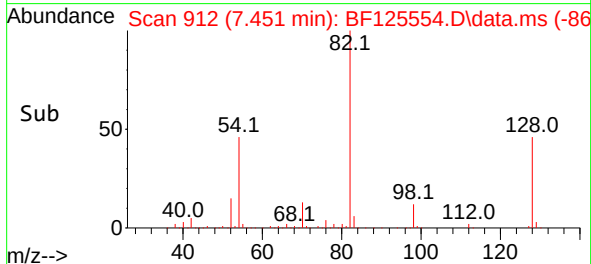
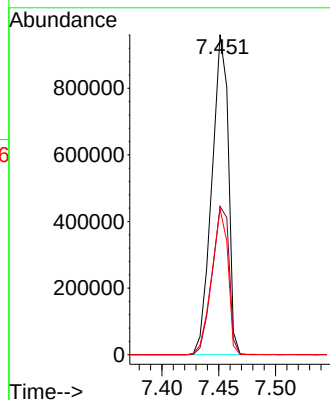
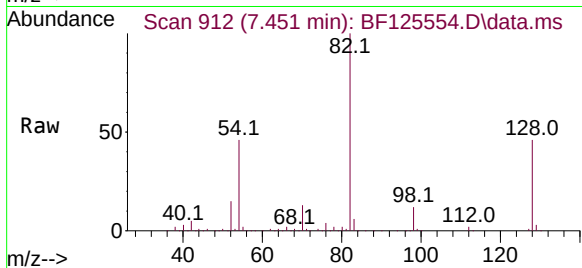




#23
Nitrobenzene-d5
Concen: 70.939 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

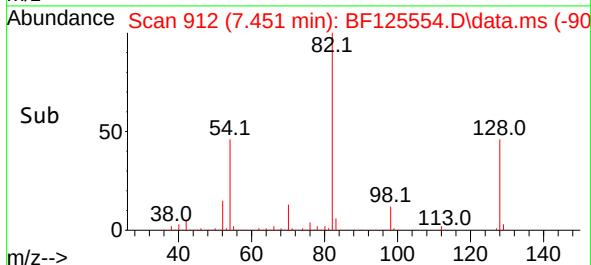
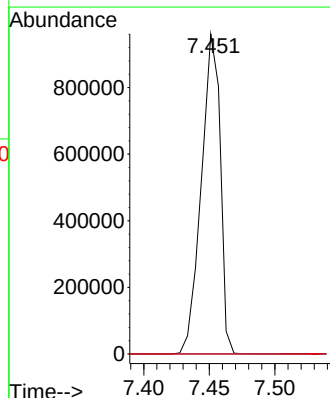
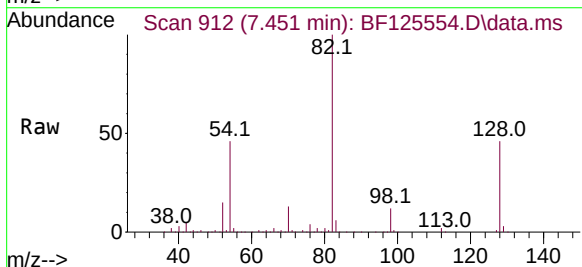
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

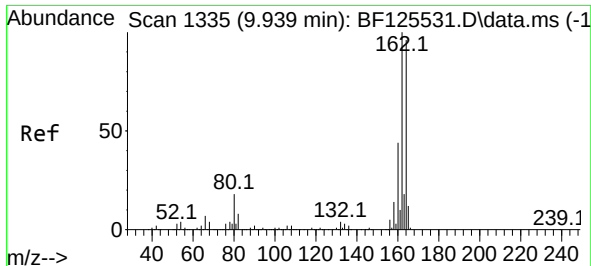
Tgt Ion: 82 Resp: 970678
Ion Ratio Lower Upper
82 100
128 46.3 40.6 60.8
54 45.5 49.6 74.4#



#25
Isophorone
Concen: 32.857 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion: 82 Resp: 967521
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

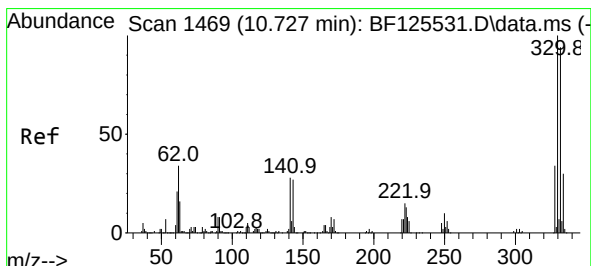
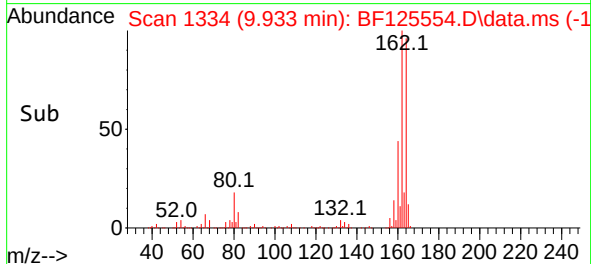
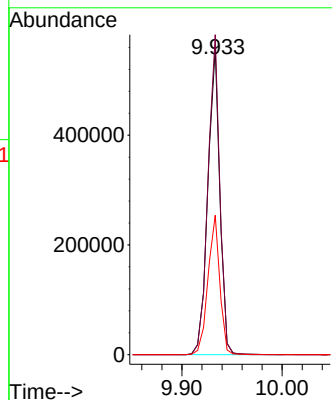
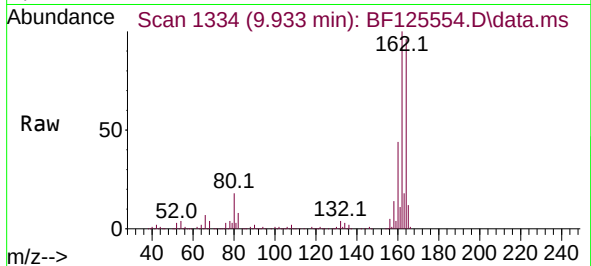




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

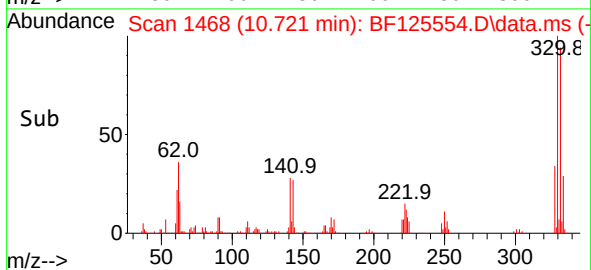
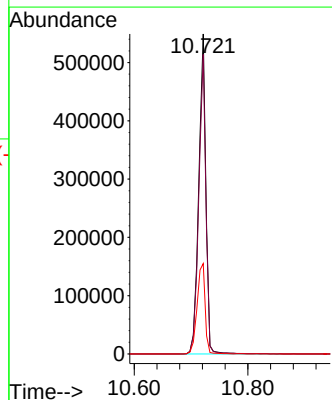
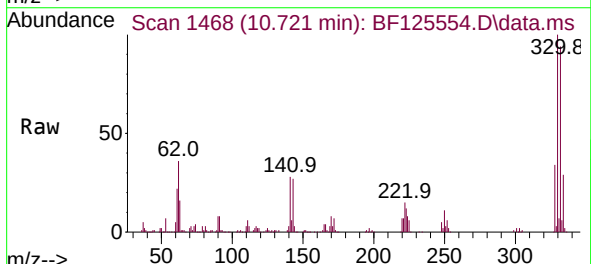
Instrument :
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ClientSampleId :
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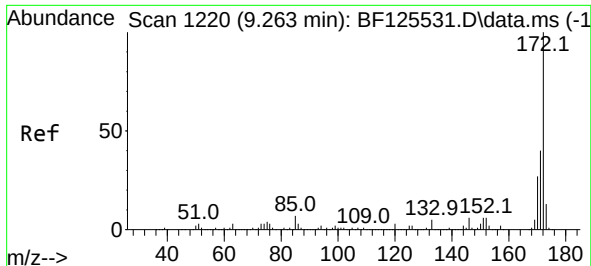
Tgt Ion:164 Resp: 466515
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 45.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 105.671 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:330 Resp: 482849
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 31.9 44.6 66.8#

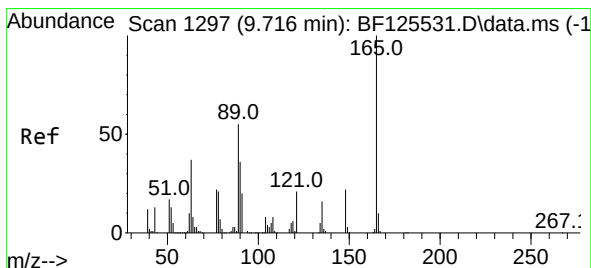
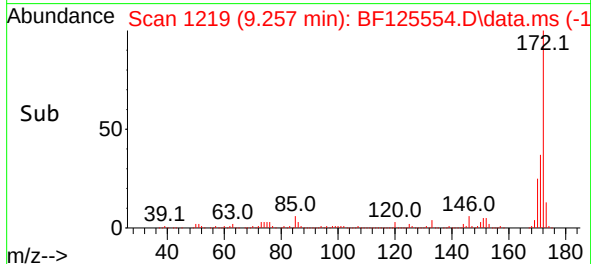
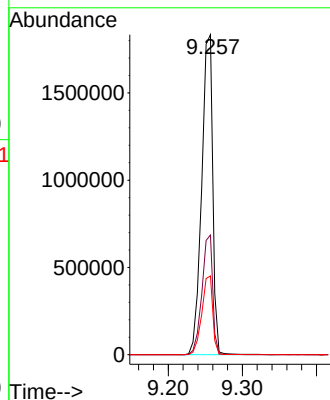
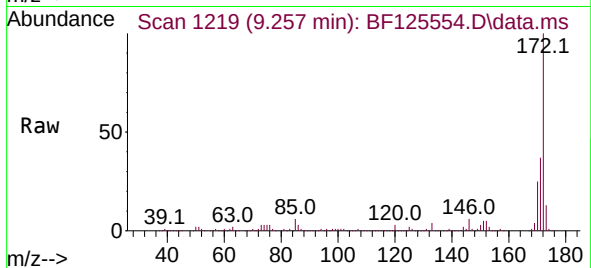




#45
2-Fluorobiphenyl
Concen: 72.009 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

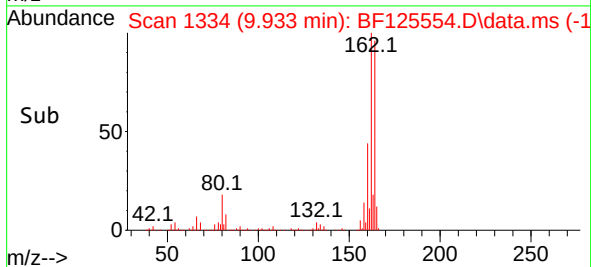
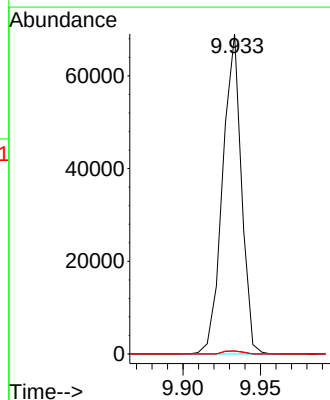
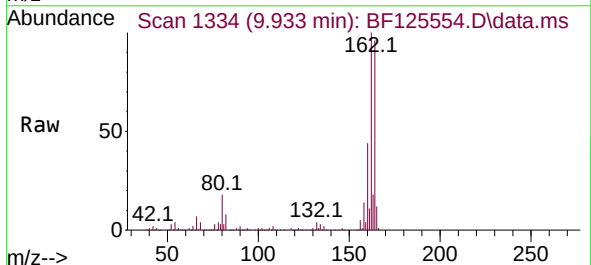
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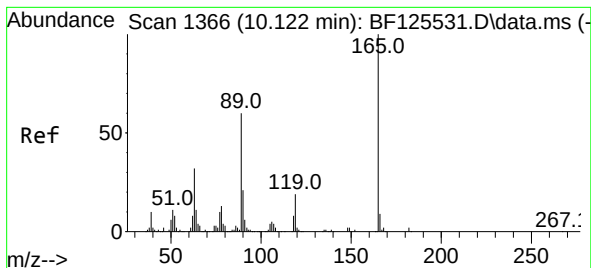
Tgt Ion:172 Resp: 1900110
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:165 Resp: 58292
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#

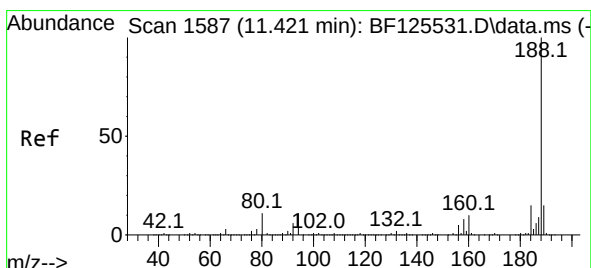
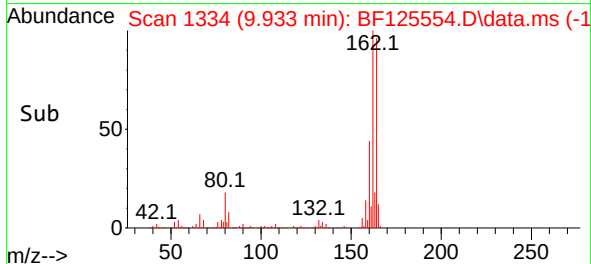
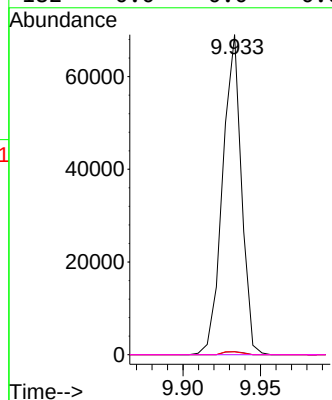
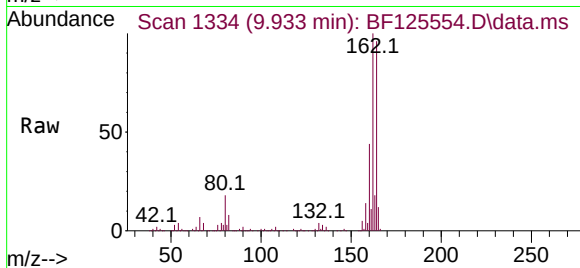




#57
2,4-Dinitrotoluene
Concen: 7.615 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

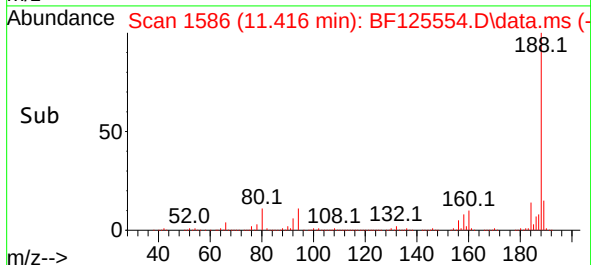
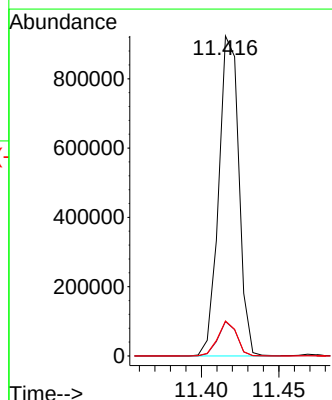
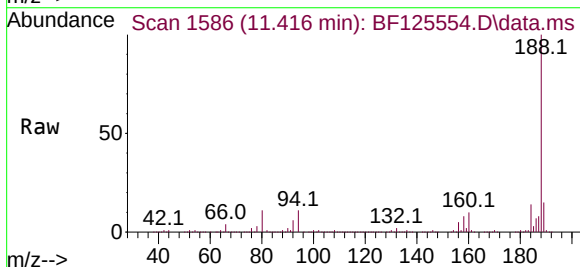
Instrument :
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NAPL-AREA-03-(8-10)

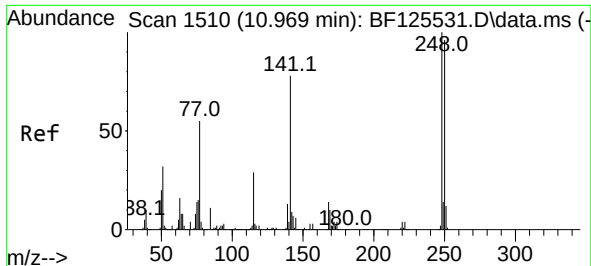
Tgt Ion:165 Resp: 58292
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:188 Resp: 834291
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 11.0 7.5 11.3

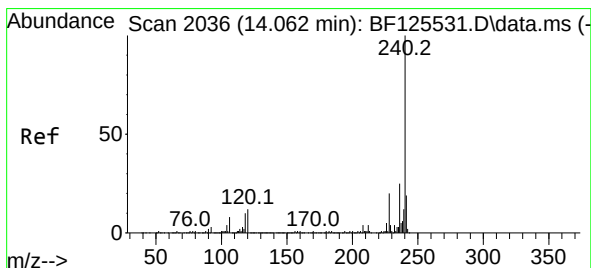
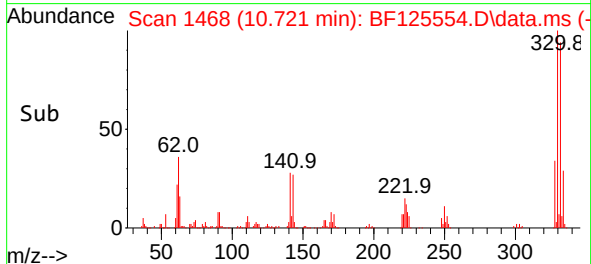
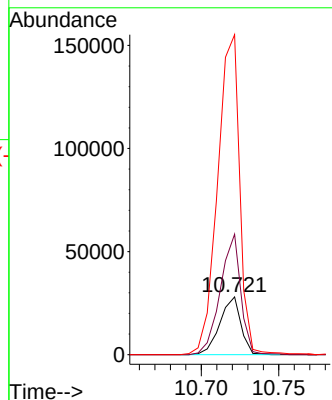
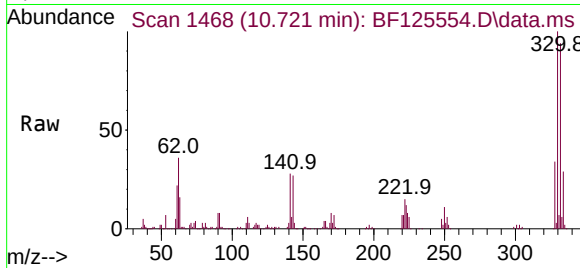




#67
4-Bromophenyl-phenylether
Concen: 2.769 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

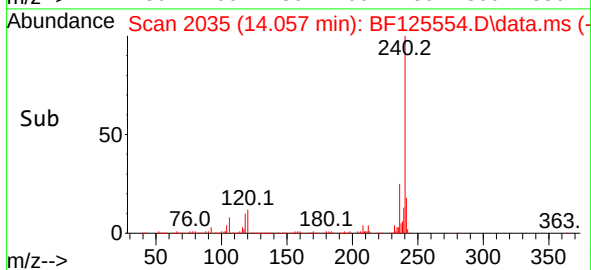
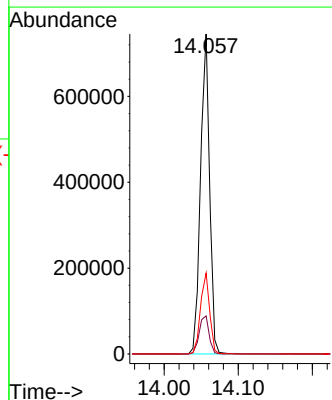
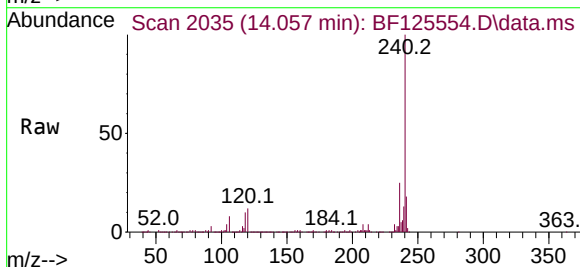
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

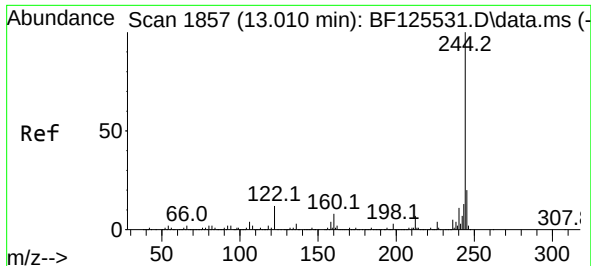
Tgt Ion:248 Resp: 26400
Ion Ratio Lower Upper
248 100
250 208.7 74.2 111.4#
141 554.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:240 Resp: 630404
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.3 21.6 32.4

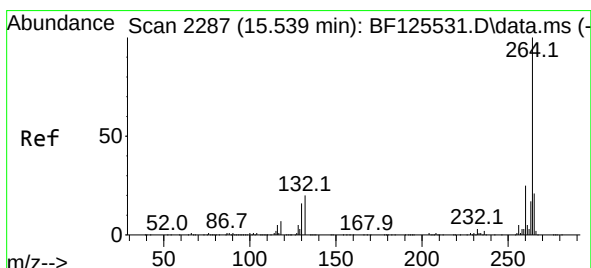
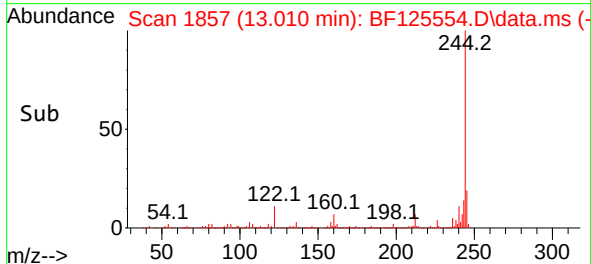
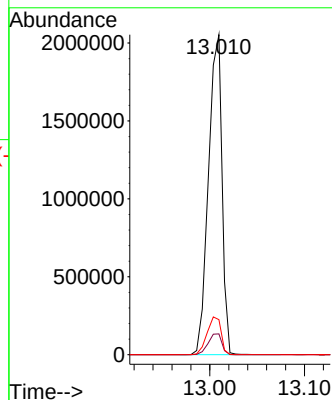
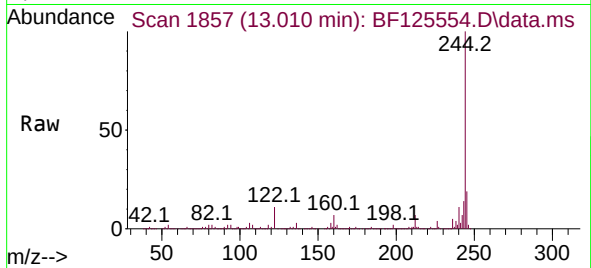




#79
Terphenyl-d14
Concen: 52.228 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125554.D
Acq: 22 Sep 2021 12:18

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)

Tgt Ion:244 Resp: 2038908
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.0 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: BF125554.D
Acq: 22 Sep 2021 12:18

Tgt Ion:264 Resp: 518919
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.9 17.2 25.8

