

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133357.D
 Acq On : 11 May 2023 16:32
 Operator : CG\JU
 Sample : 02743-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-WATER

Quant Time: May 11 19:23:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

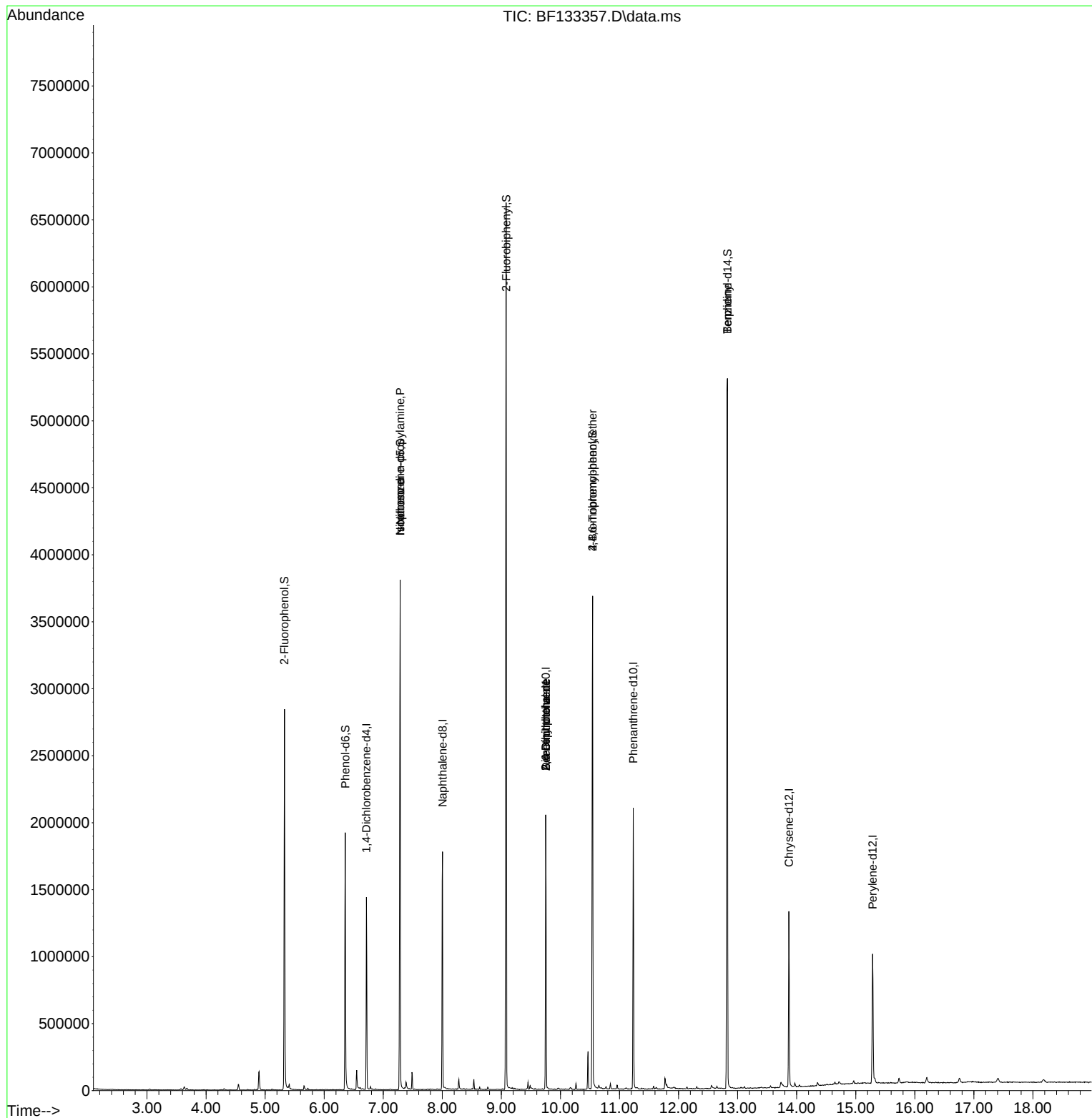
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	188994	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	759703	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	382148	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	693689	20.000	ng	0.00
76) Chrysene-d12	13.868	240	409994	20.000	ng	-0.01
86) Perylene-d12	15.286	264	435624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	772402	61.737	ng	0.00
7) Phenol-d6	6.357	99	573807	36.951	ng	-0.01
23) Nitrobenzene-d5	7.287	82	1169380	83.084	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	461773	120.152	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1955586	85.613	ng	0.00
79) Terphenyl-d14	12.827	244	2124367	89.363	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	129	Below Cal	#	37
19) n-Nitroso-di-n-propyla...	7.287	70	152883	15.814	ng	# 76
25) Isophorone	7.287	82	1169370	43.759	ng	# 63
50) Dimethylphthalate	9.751	163	74009	2.777	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	51439	8.577	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	51439	6.725	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	28862	3.836	ng	# 1
77) Benzidine	12.827	184	26634	3.842	ng	# 91

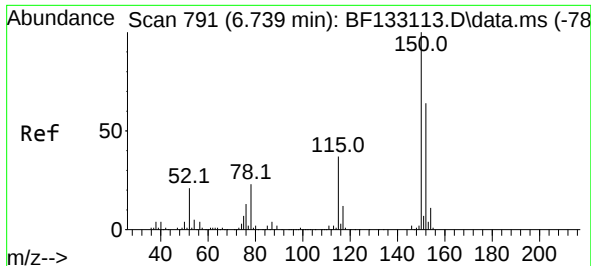
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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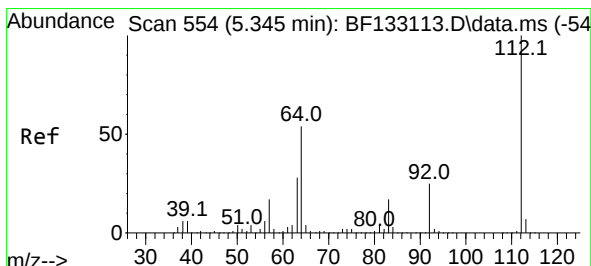
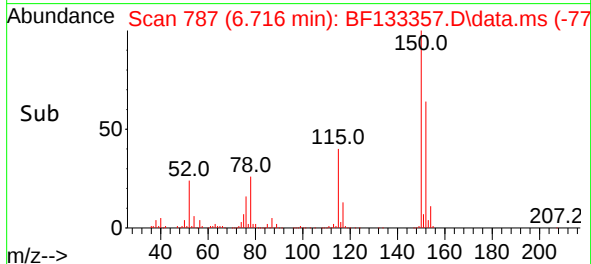
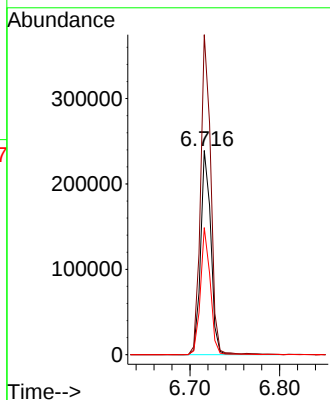
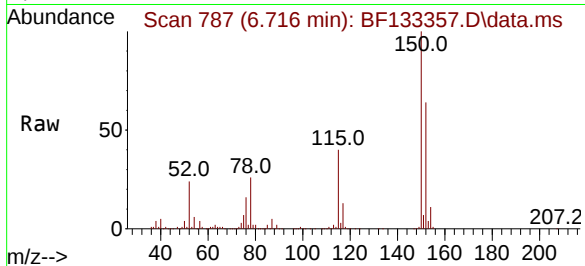




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

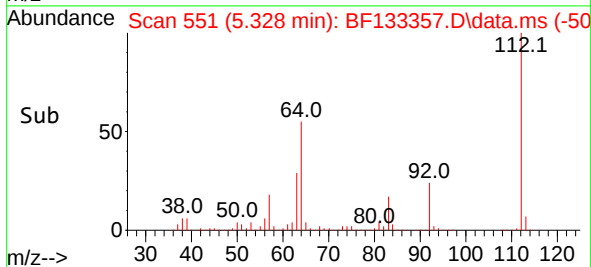
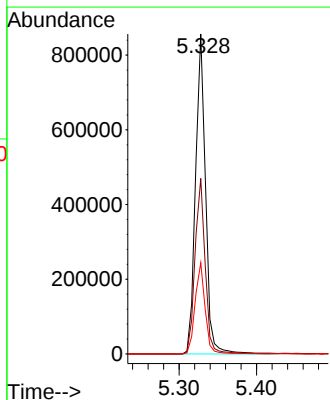
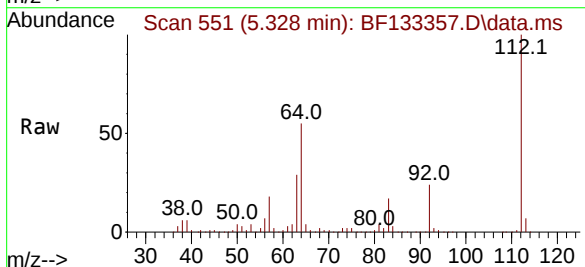
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

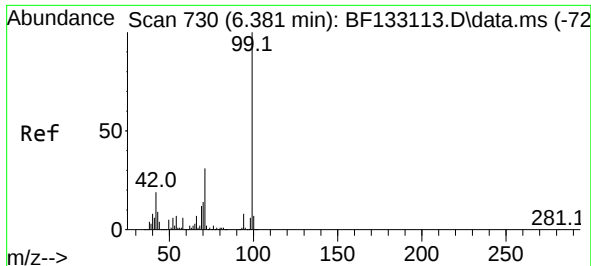
Tgt Ion:152 Resp: 188994
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 62.2 49.9 74.9



#5
2-Fluorophenol
Concen: 61.737 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:112 Resp: 772402
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.5 23.8 35.8

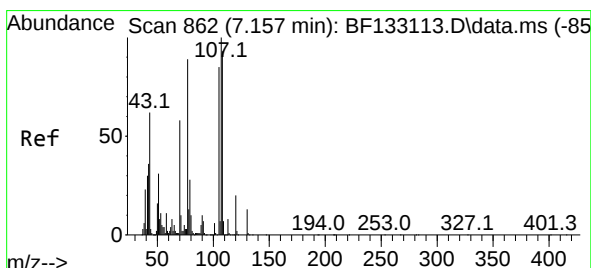
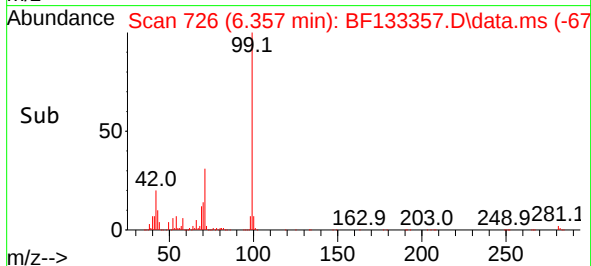
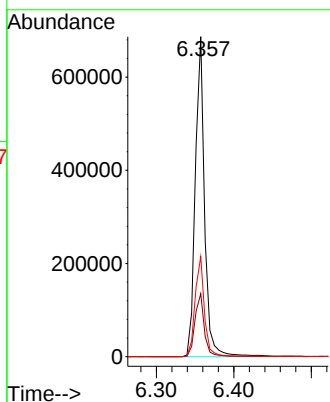
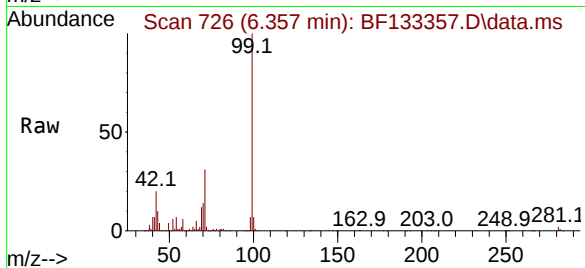




#7
Phenol-d6
Concen: 36.951 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

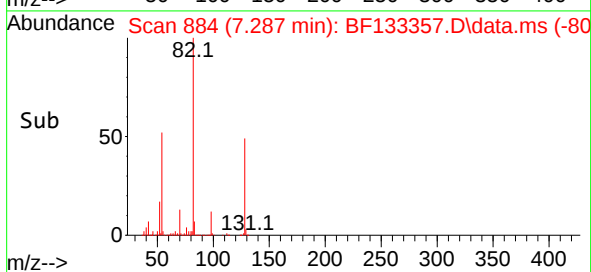
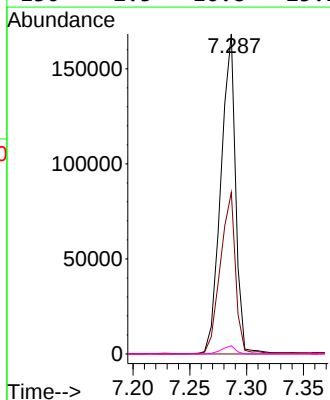
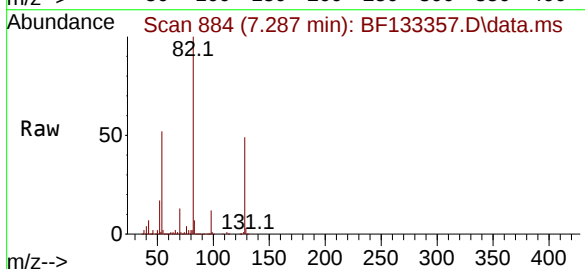
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

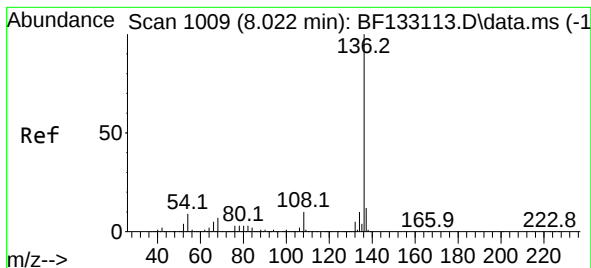
Tgt Ion: 99 Resp: 573807
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.814 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion: 70 Resp: 152883
Ion Ratio Lower Upper
70 100
42 50.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133357.D

Acq: 11 May 2023 16:32

Instrument :

BNA_F

ClientSampleId :

DRUM-A-WATER

Tgt Ion:136 Resp: 759703

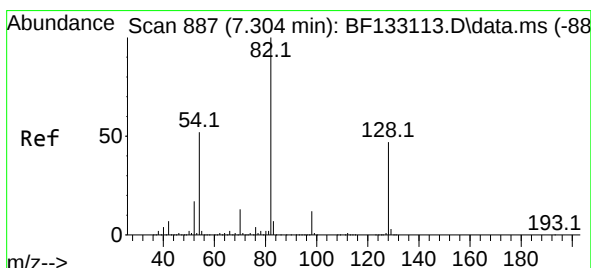
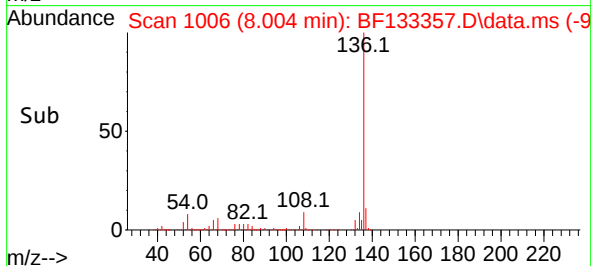
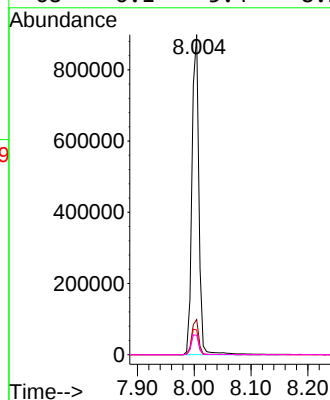
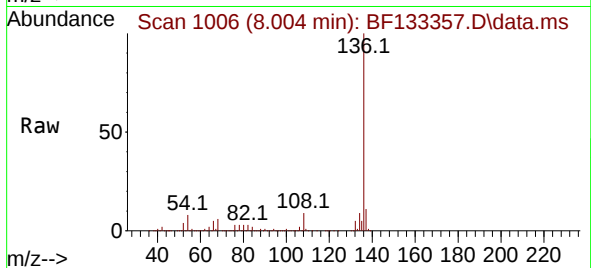
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.8 7.0 10.4

68 6.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 83.084 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133357.D

Acq: 11 May 2023 16:32

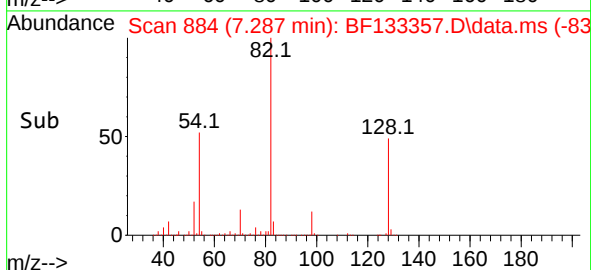
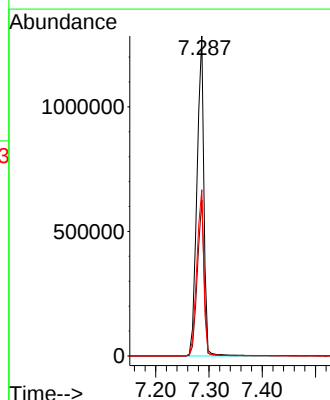
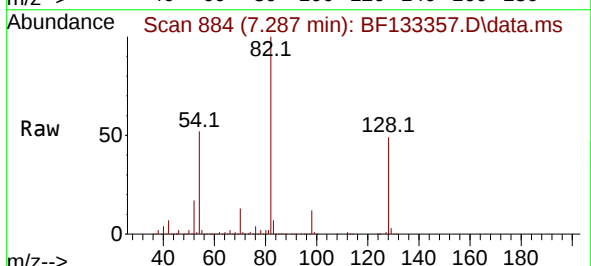
Tgt Ion: 82 Resp: 1169380

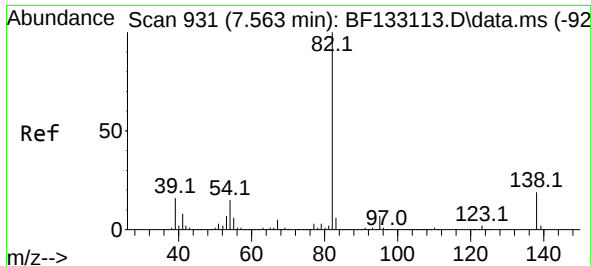
Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.0 43.0 64.4

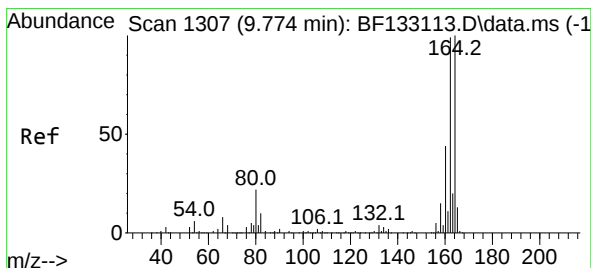
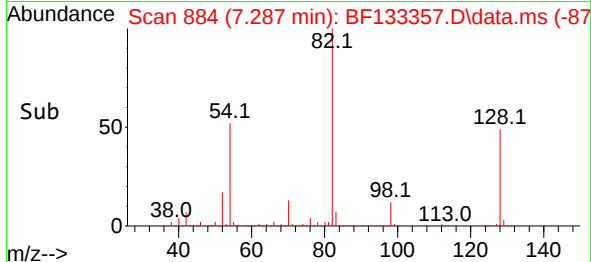
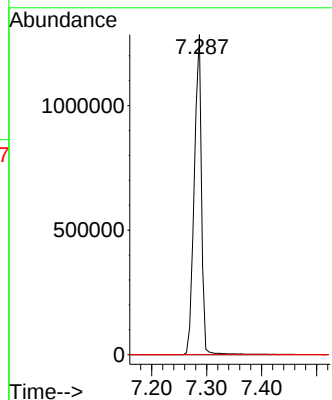
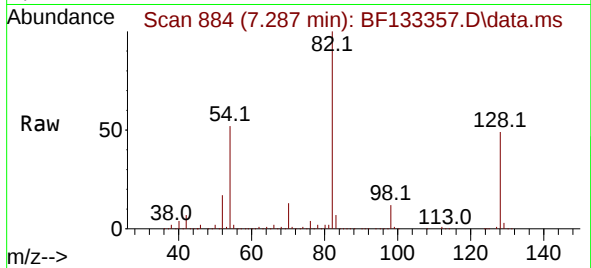




#25
Isophorone
Concen: 43.759 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

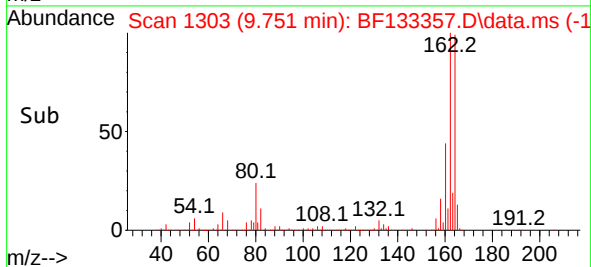
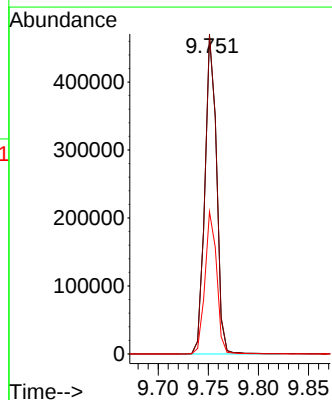
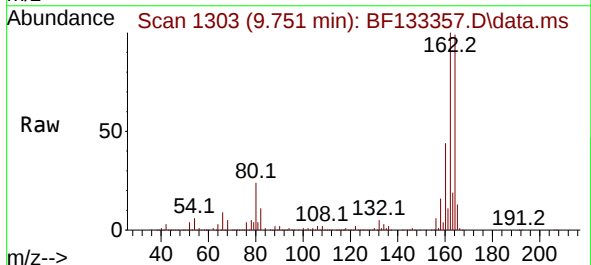
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

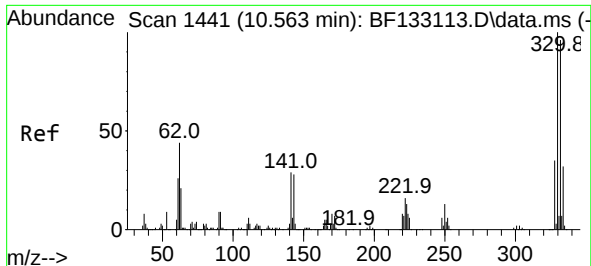
Tgt Ion: 82 Resp: 1169370
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:164 Resp: 382148
Ion Ratio Lower Upper
164 100
162 100.8 78.7 118.1
160 44.8 35.8 53.6

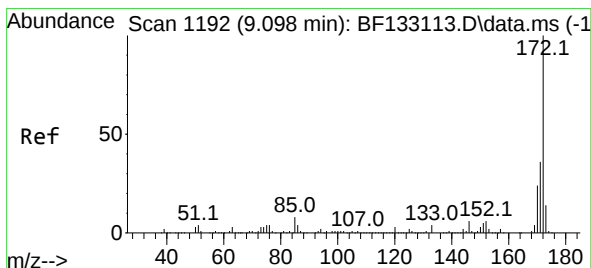
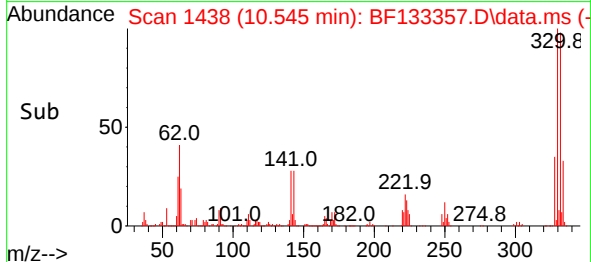
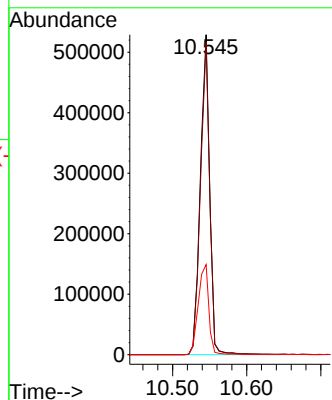
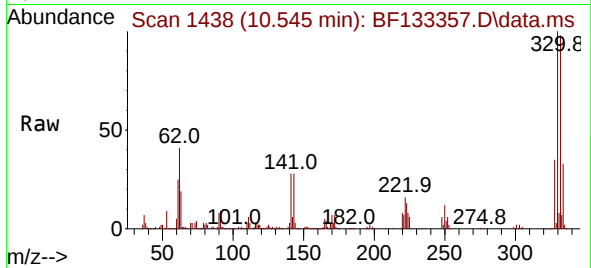




#42
2,4,6-Tribromophenol
Concen: 120.152 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

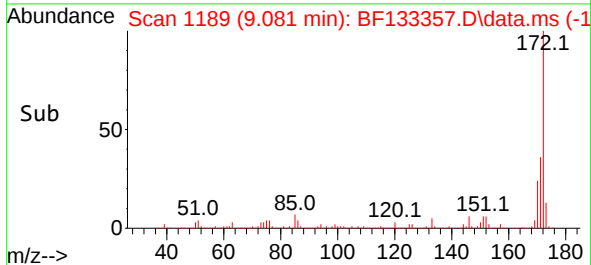
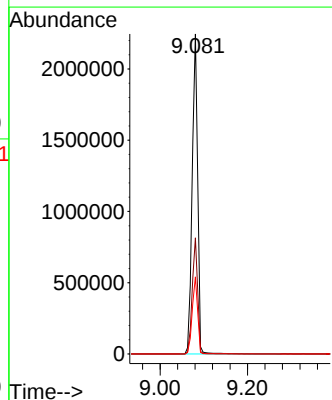
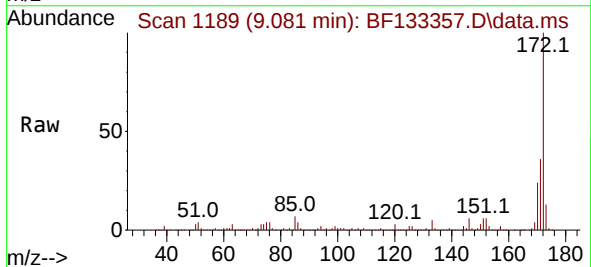
Instrument :
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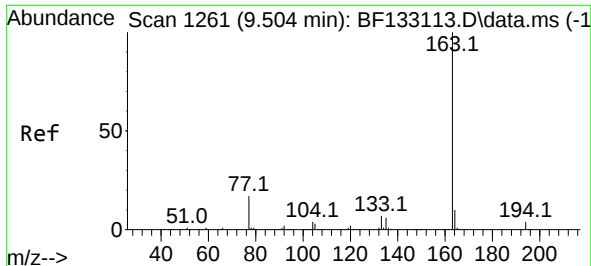
Tgt Ion: 330 Resp: 461773
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.613 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion: 172 Resp: 1955586
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 19.4 29.2

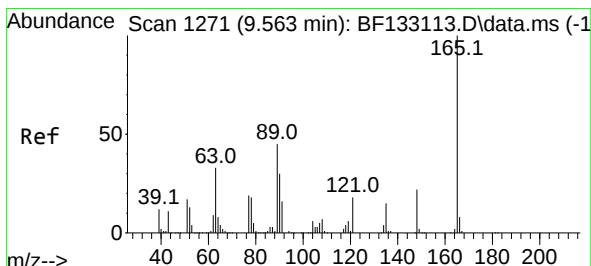
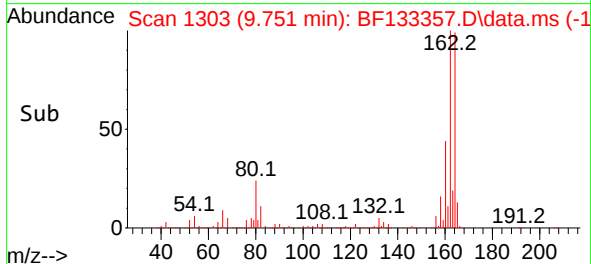
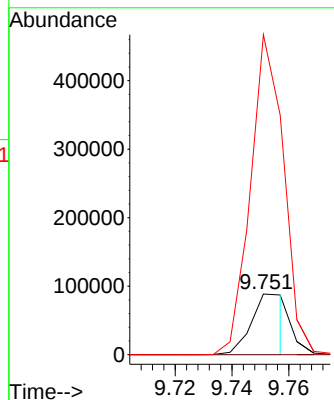
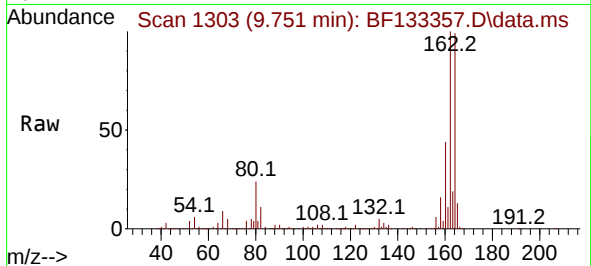




#50
Dimethylphthalate
Concen: 2.777 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.265 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

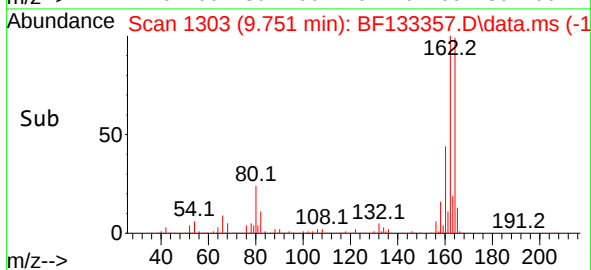
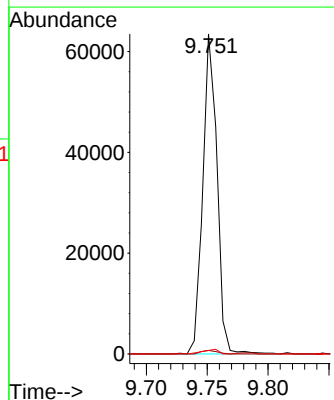
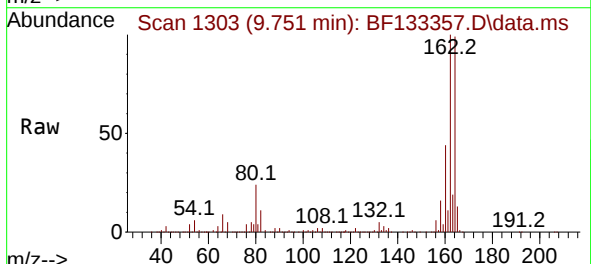
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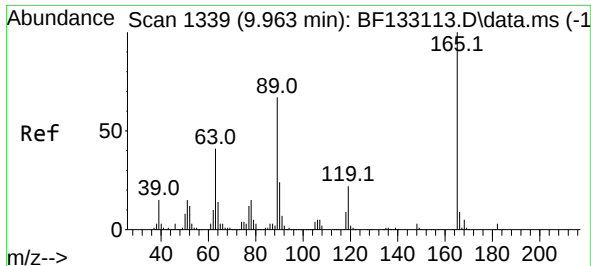
Tgt Ion:163 Resp: 74009
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 527.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.577 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:165 Resp: 51439
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.725 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF133357.D

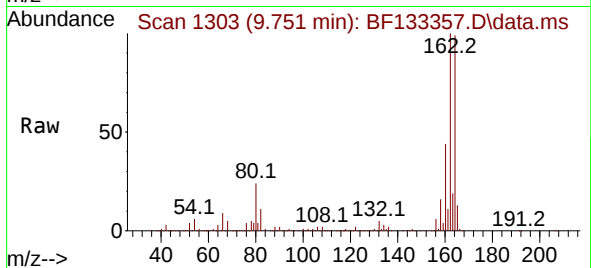
Acq: 11 May 2023 16:32

Instrument :

BNA_F

ClientSampleId :

DRUM-A-WATER



Tgt Ion:165 Resp: 51439

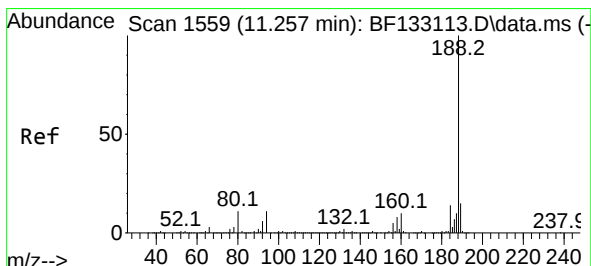
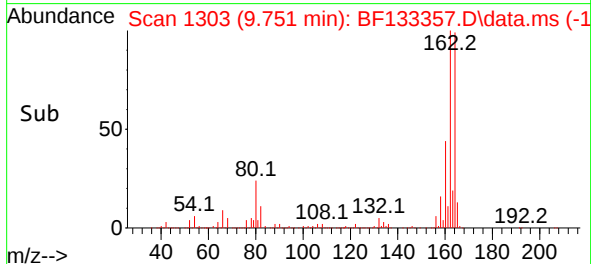
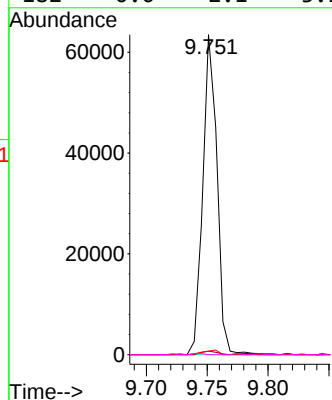
Ion Ratio Lower Upper

165 100

63 1.1 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.006 min

Lab File: BF133357.D

Acq: 11 May 2023 16:32

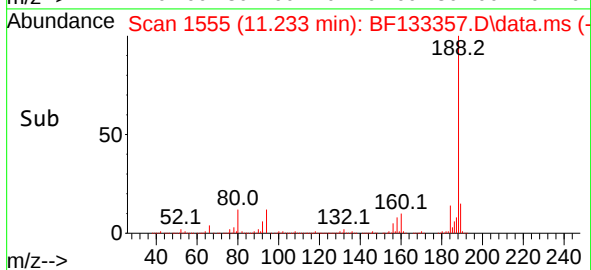
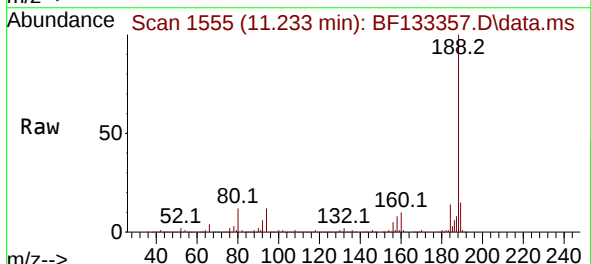
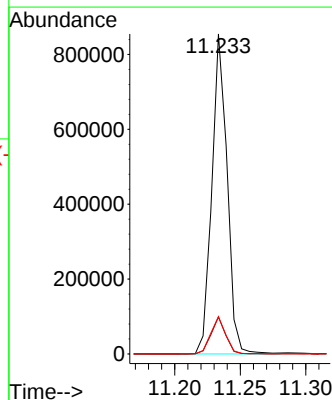
Tgt Ion:188 Resp: 693689

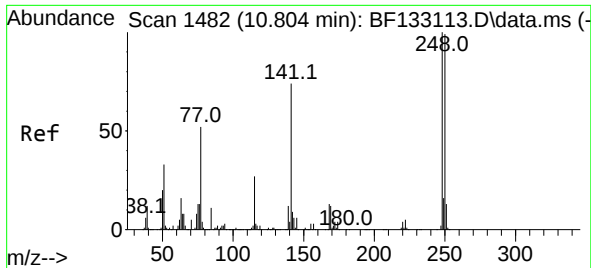
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 11.7 10.4 15.6

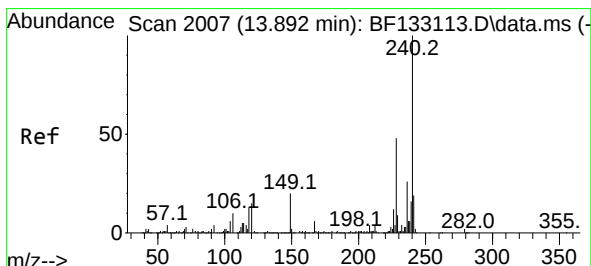
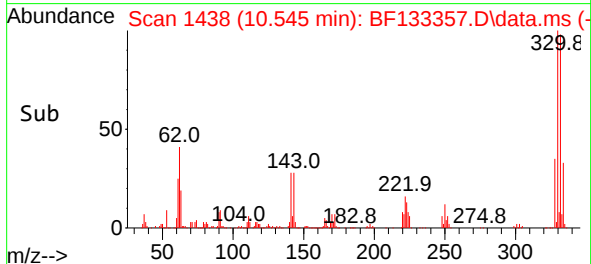
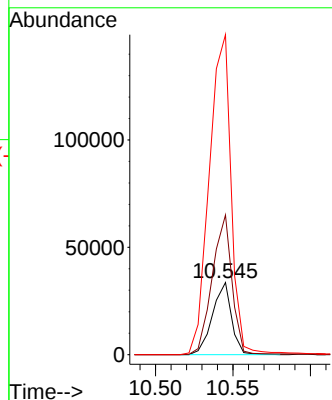
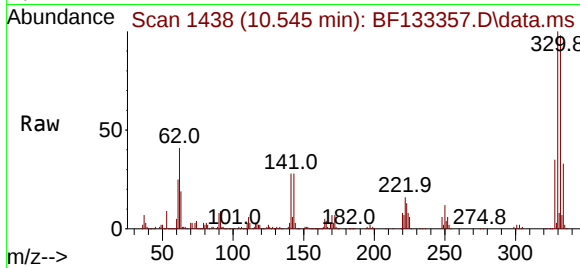




#67
4-Bromophenyl-phenylether
Concen: 3.836 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

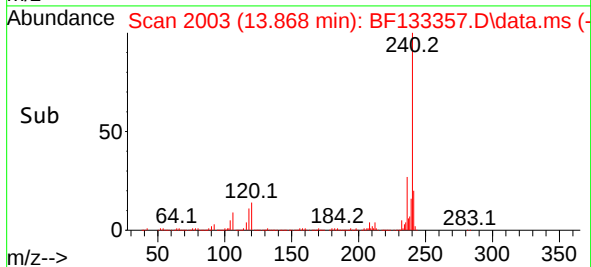
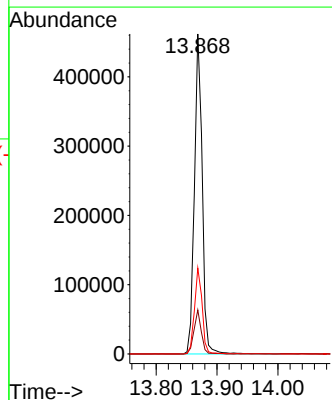
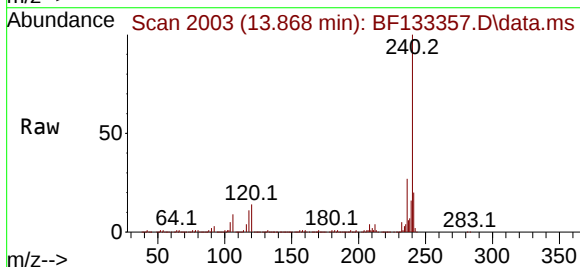
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

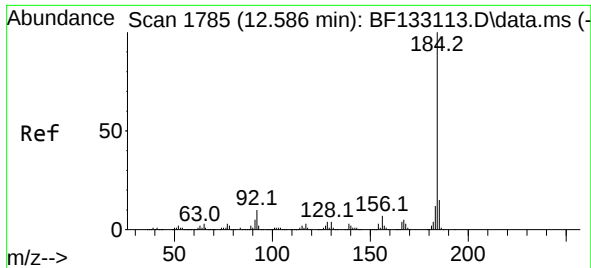
Tgt Ion:248 Resp: 28862
Ion Ratio Lower Upper
248 100
250 193.7 78.7 118.1#
141 443.8 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:240 Resp: 409994
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.8 21.5 32.3

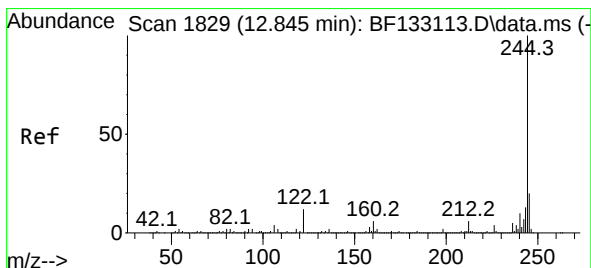
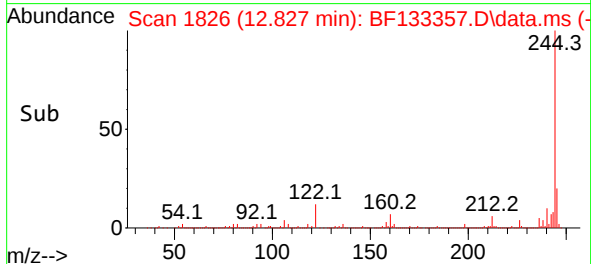
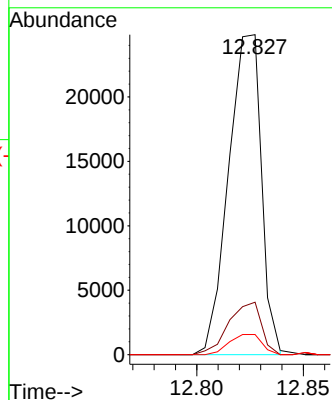
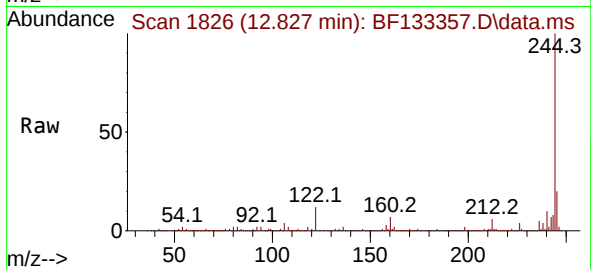




#77
Benzidine
Concen: 3.842 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

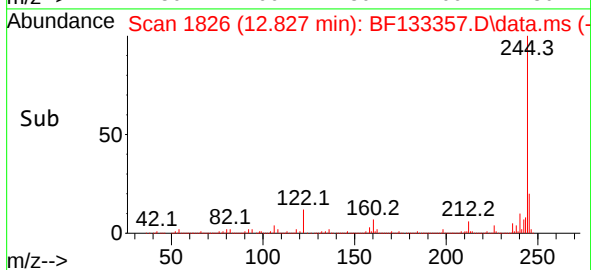
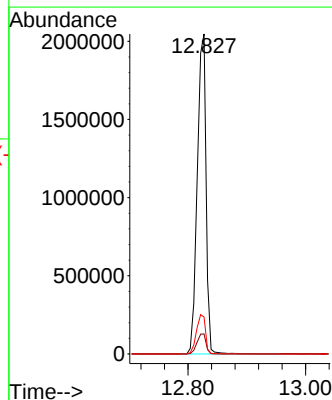
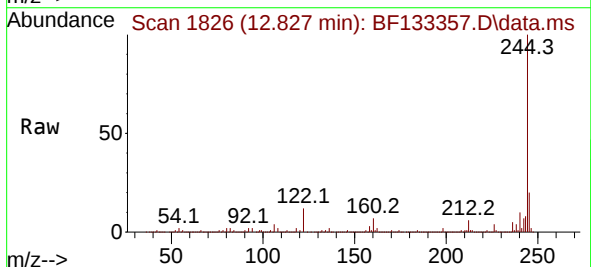
Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

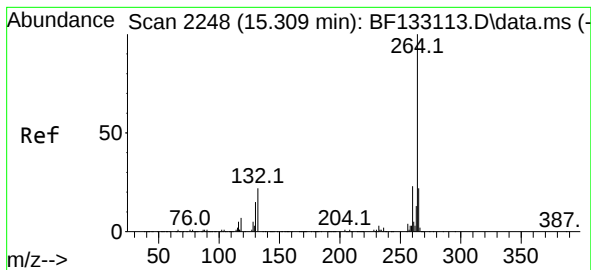
Tgt Ion:184 Resp: 26634
Ion Ratio Lower Upper
184 100
185 16.4 15.4 23.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 89.363 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Tgt Ion:244 Resp: 2124367
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133357.D
Acq: 11 May 2023 16:32

Instrument :
BNA_F
ClientSampleId :
DRUM-A-WATER

Tgt Ion:264 Resp: 435624

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	17.0	25.4

