

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122130.D
 Acq On : 26 Oct 2020 22:45
 Operator : JU/CG
 Sample : L4469-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FY-WATER

Quant Time: Oct 27 00:56:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

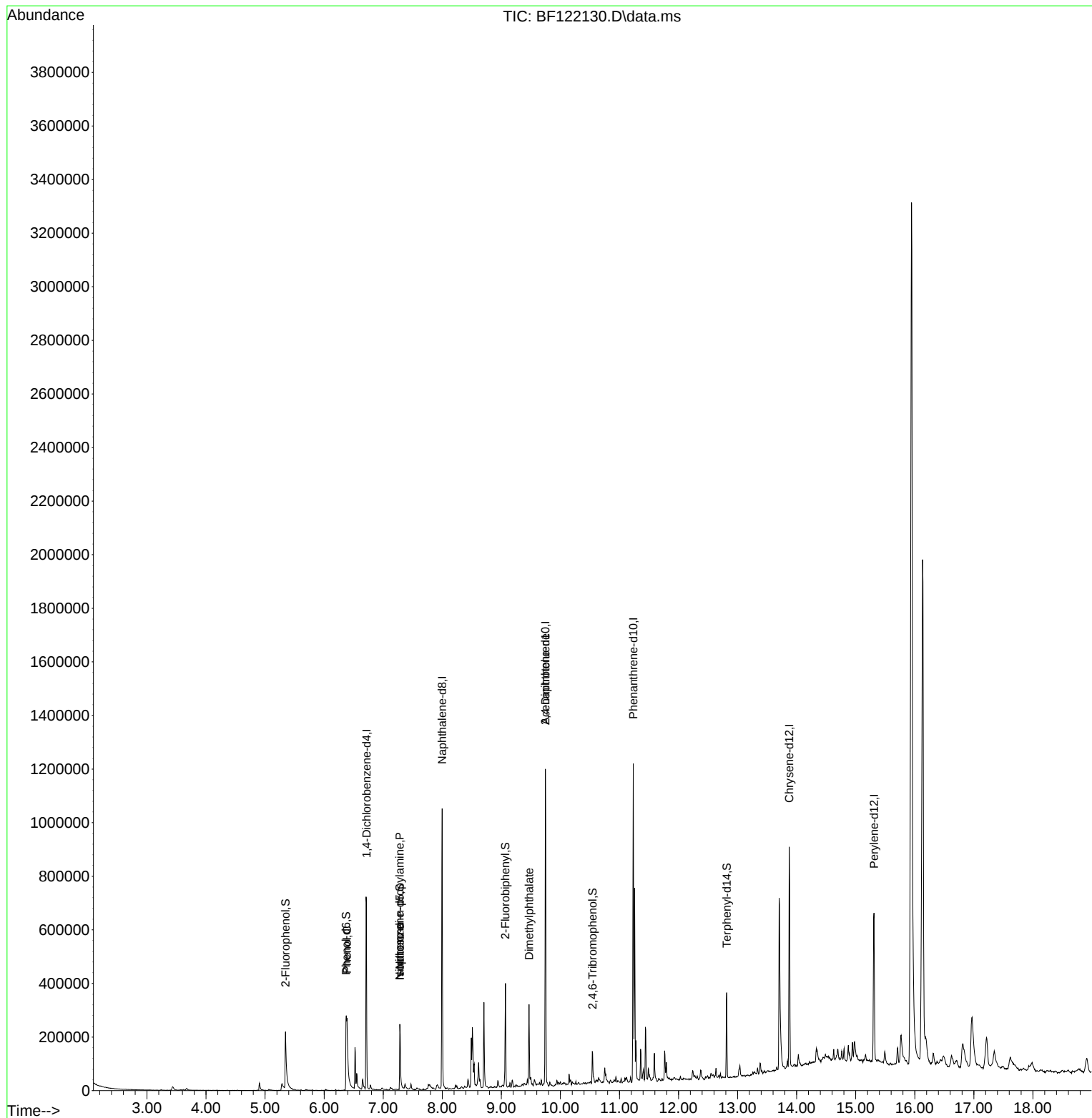
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	113237	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	447079	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	225723	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	375425	20.00	ng	0.00
76) Chrysene-d12	13.874	240	274474	20.00	ng	0.00
86) Perylene-d12	15.310	264	240352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	96873	12.63	ng	0.01
7) Phenol-d6	6.369	99	120719	12.22	ng	0.00
23) Nitrobenzene-d5	7.281	82	92319	10.59	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	15539	5.57	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	104613	6.82	ng	0.00
79) Terphenyl-d14	12.816	244	91191	6.33	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.316	77	109	Below Cal	#	3
10) Phenol	6.387	94	108973	10.69	ng	82
19) n-Nitroso-di-n-propyla...	7.281	70	12432	2.21	ng	# 81
25) Isophorone	7.281	82	92319	5.60	ng	# 67
50) Dimethylphthalate	9.469	163	100574	6.09	ng	100
57) 2,4-Dinitrotoluene	9.745	165	28656	6.43	ng	# 21

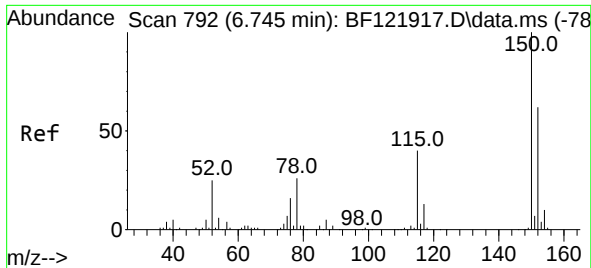
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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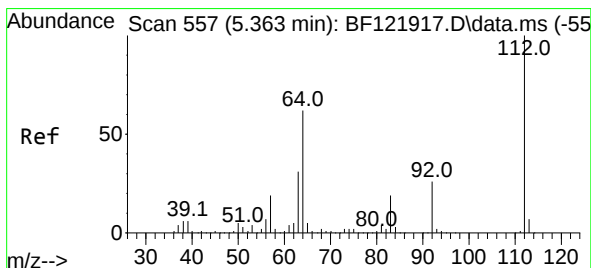
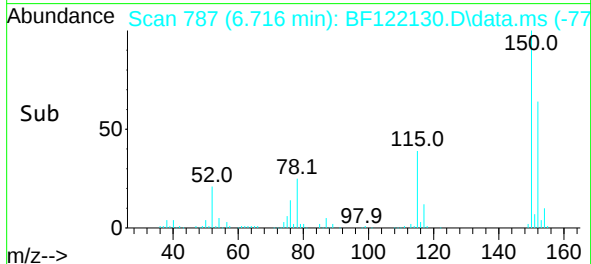
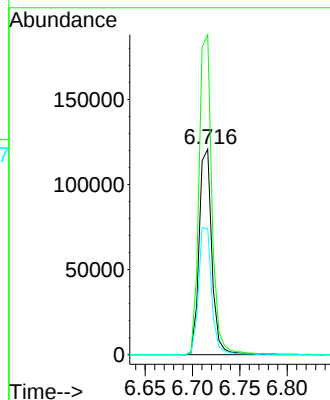
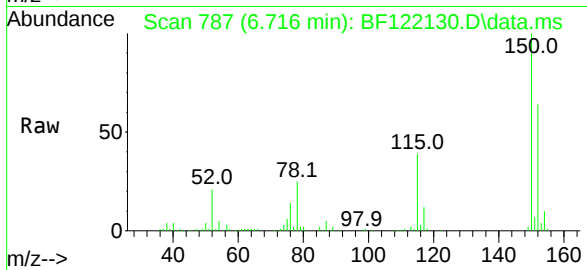




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

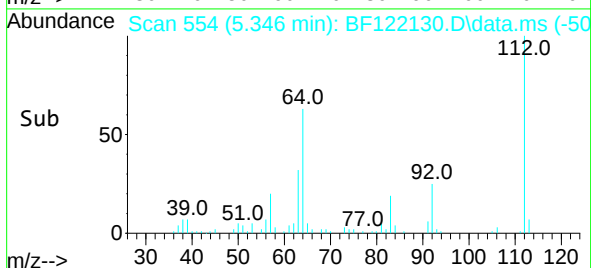
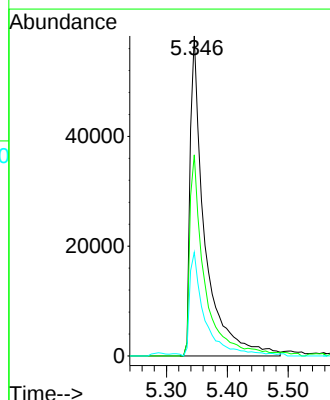
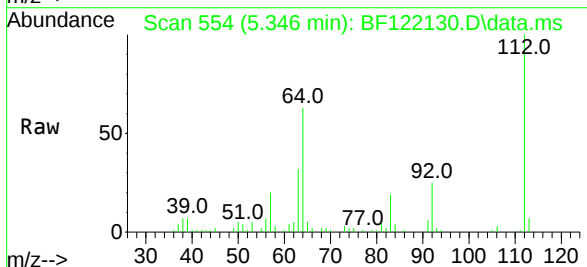
Instrument :
BNA_F
ClientSampleId :
FY-WATER

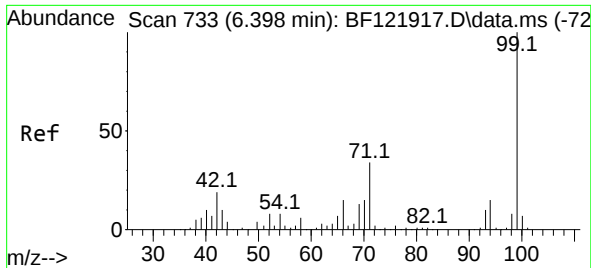
Tgt Ion:152 Resp: 113237
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 61.3 51.9 77.9



#5
2-Fluorophenol
Concen: 12.63 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:112 Resp: 96873
Ion Ratio Lower Upper
112 100
64 62.9 50.4 75.6
63 32.4 25.8 38.6

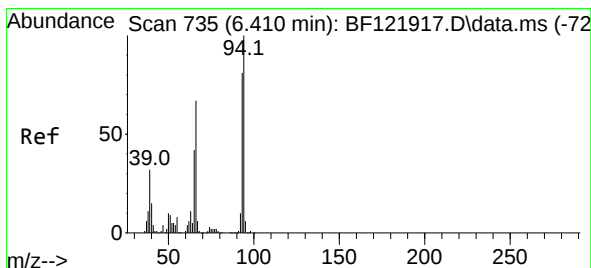
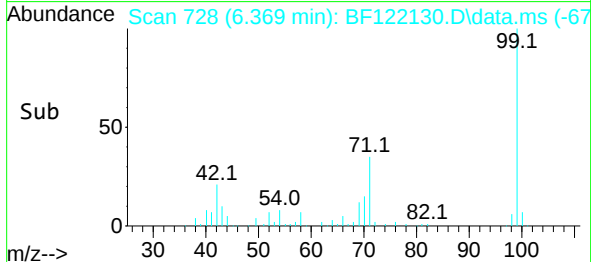
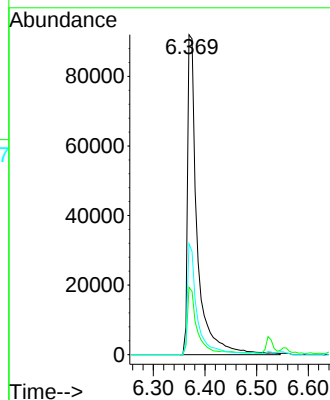
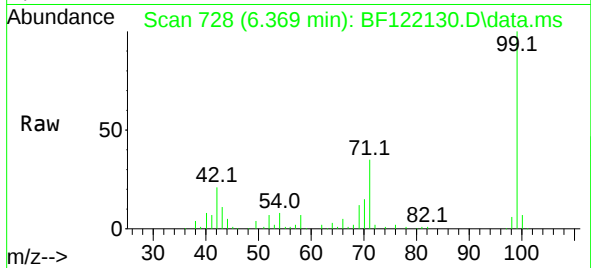




#7
Phenol-d6
Concen: 12.22 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

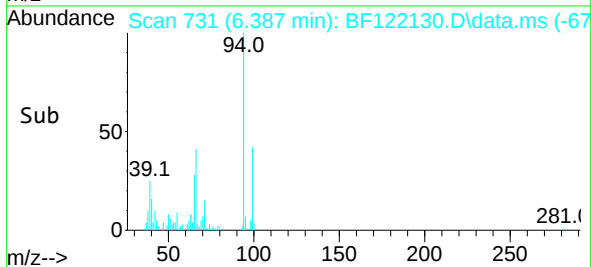
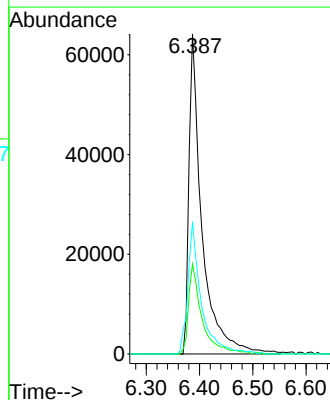
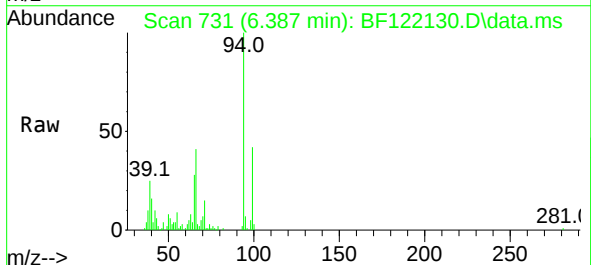
Instrument :
BNA_F
ClientSampleId :
FY-WATER

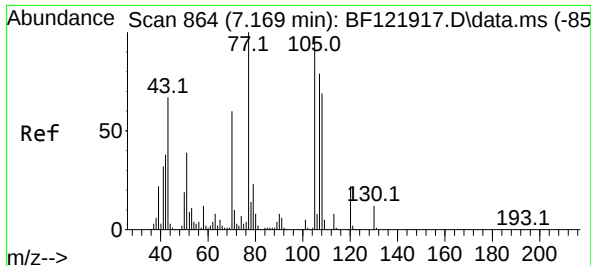
Tgt Ion: 99 Resp: 120719
Ion Ratio Lower Upper
99 100
42 21.1 15.9 23.9
71 34.7 27.1 40.7



#10
Phenol
Concen: 10.69 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion: 94 Resp: 108973
Ion Ratio Lower Upper
94 100
65 28.1 17.1 57.1
66 41.3 36.0 76.0

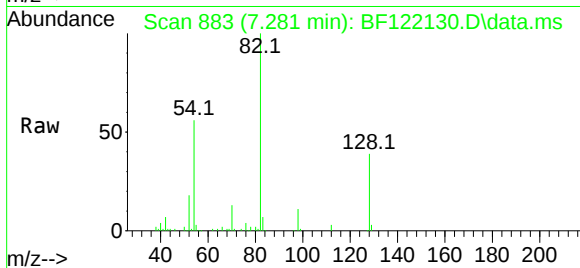




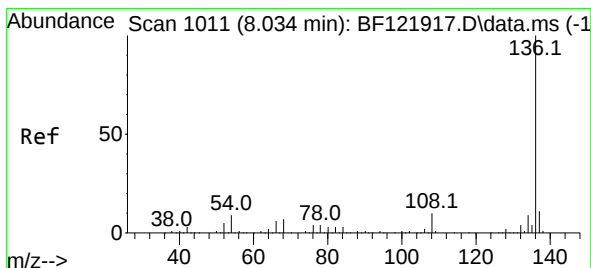
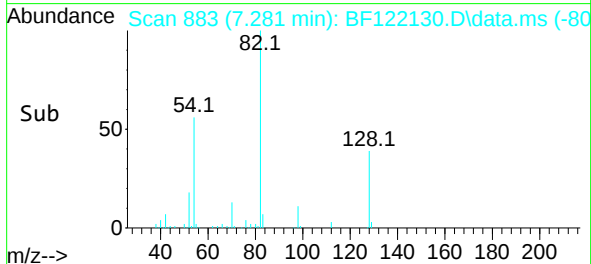
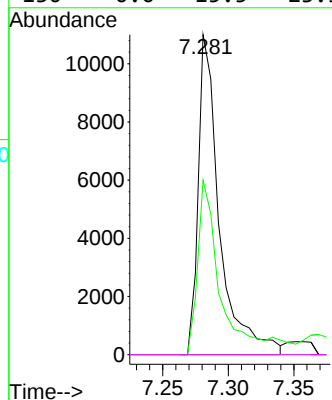
#19

n-Nitroso-di-n-propylamine
Concen: 2.21 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Instrument :
BNA_F
ClientSampleId :
FY-WATER



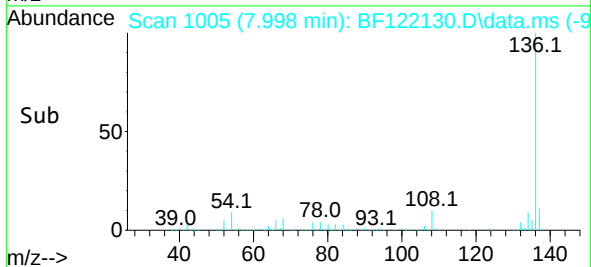
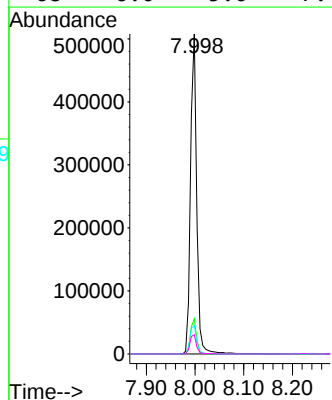
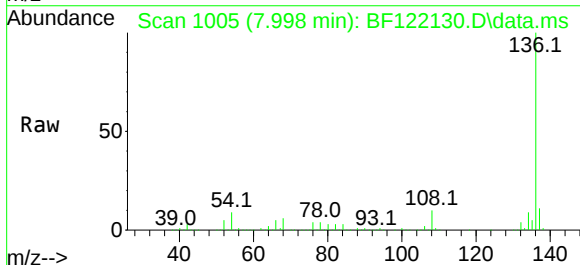
Tgt Ion:	70	Resp:	12432
Ion	Ratio	Lower	Upper
70	100		
42	54.6	50.2	75.4
101	0.0	7.5	11.3#
130	0.0	15.5	23.3#

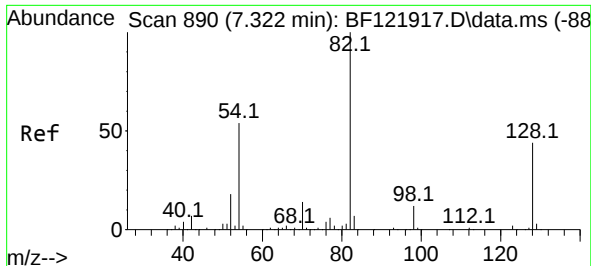


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:	136	Resp:	447079
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	7.1	10.7
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 10.59 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122130.D

Acq: 26 Oct 2020 22:45

Tgt Ion: 82 Resp: 92319

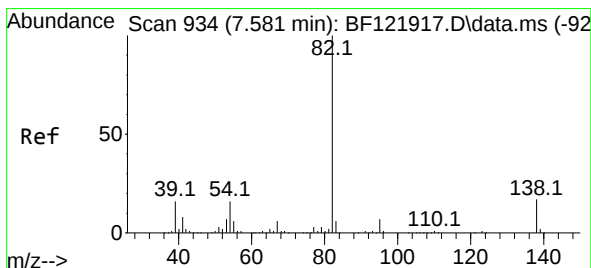
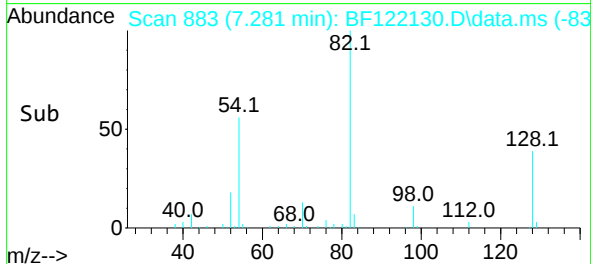
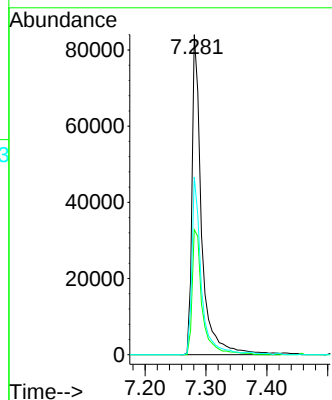
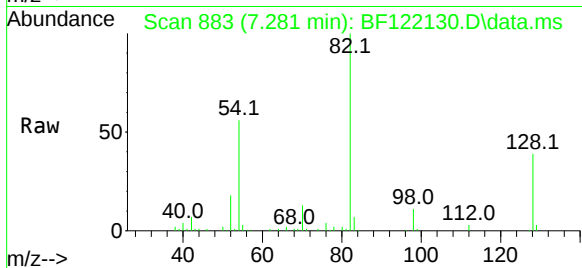
Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.0	52.4
54	55.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

FY-WATER



#25

Isophorone

Concen: 5.60 ng

RT: 7.281 min Scan# 883

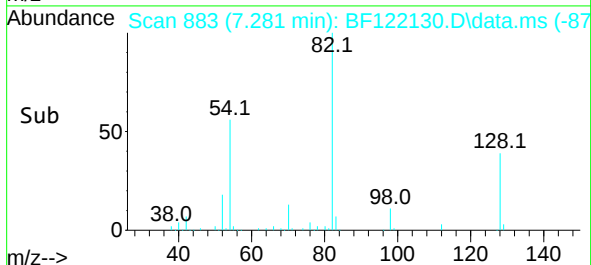
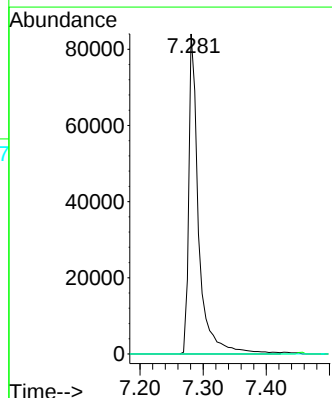
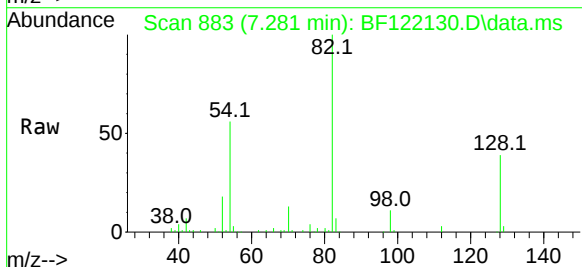
Delta R.T. -0.265 min

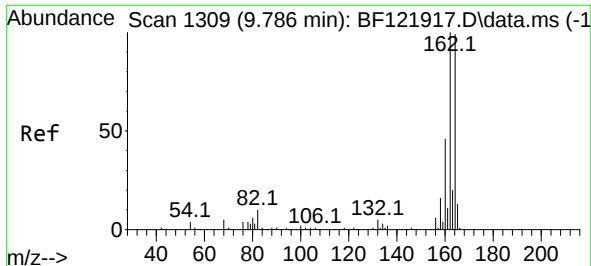
Lab File: BF122130.D

Acq: 26 Oct 2020 22:45

Tgt Ion: 82 Resp: 92319

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

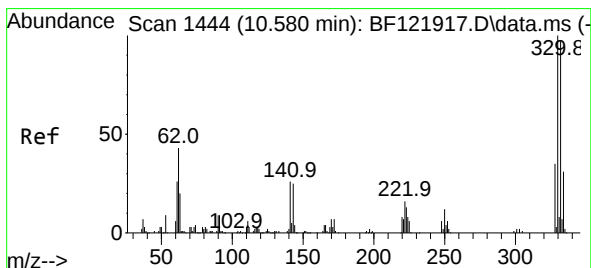
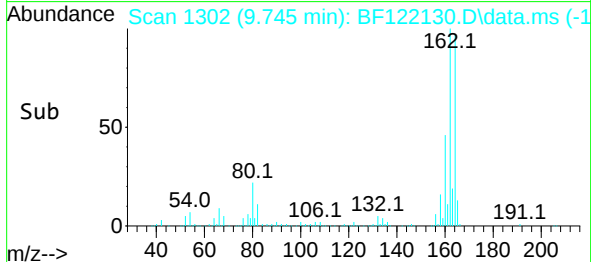
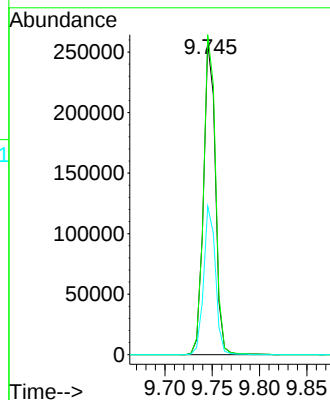
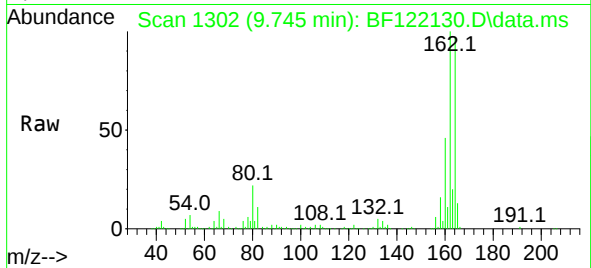




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

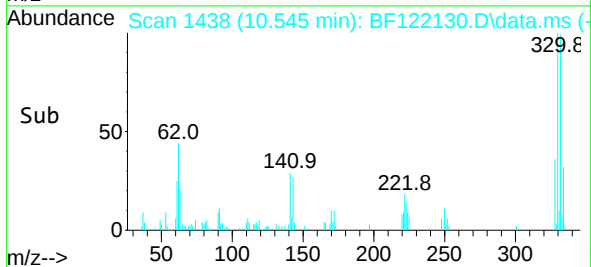
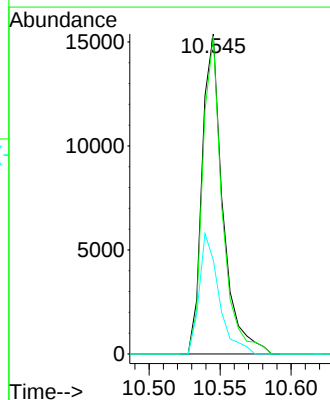
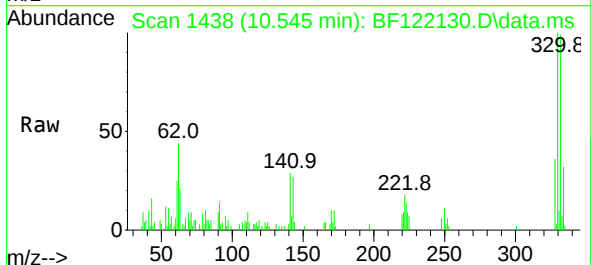
Instrument :
BNA_F
ClientSampleId :
FY-WATER

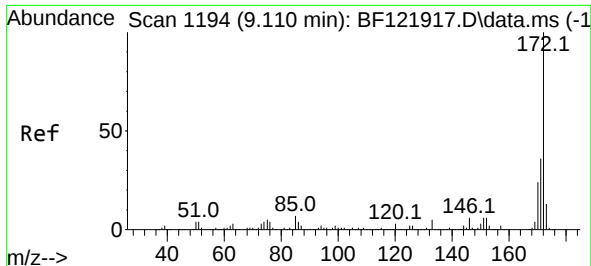
Tgt Ion:164 Resp: 225723
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 47.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 5.57 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:330 Resp: 15539
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 35.9 22.3 33.5#

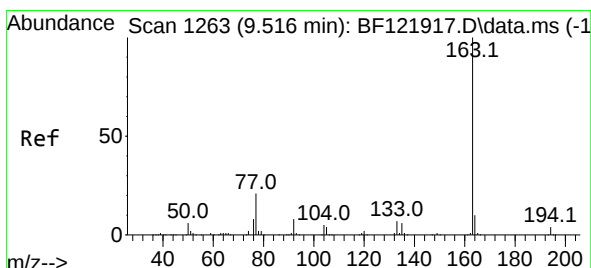
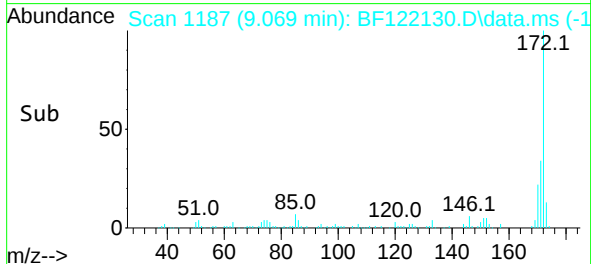
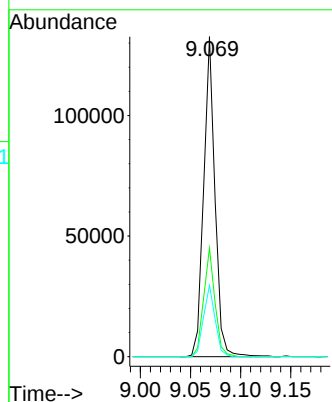
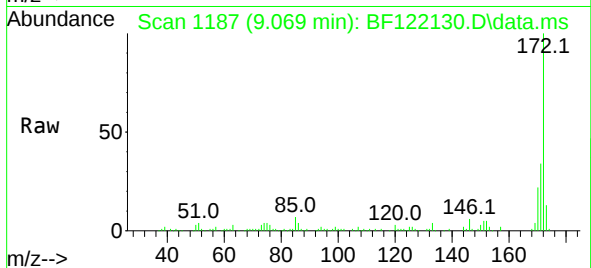




#45
2-Fluorobiphenyl
Concen: 6.82 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

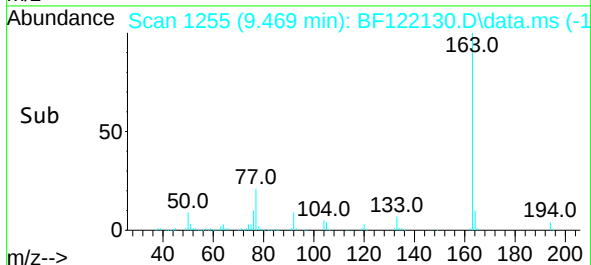
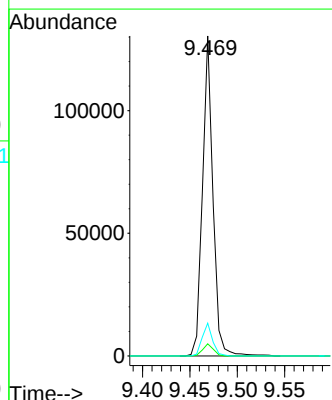
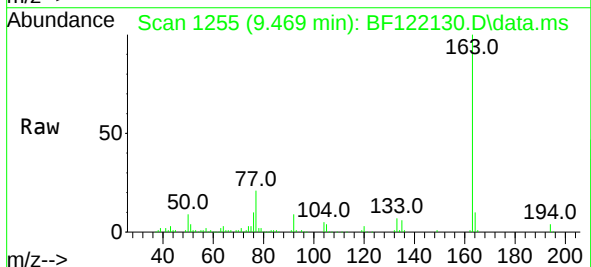
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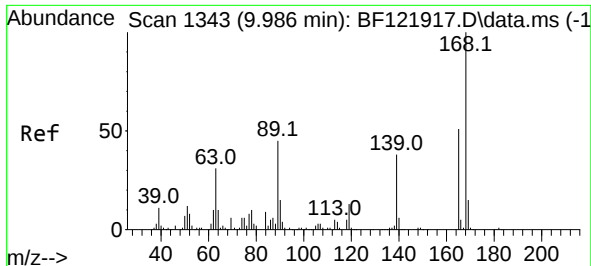
Tgt Ion:172 Resp: 104613
Ion Ratio Lower Upper
172 100
171 34.0 29.1 43.7
170 22.3 19.8 29.6



#50
Dimethylphthalate
Concen: 6.09 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:163 Resp: 100574
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4

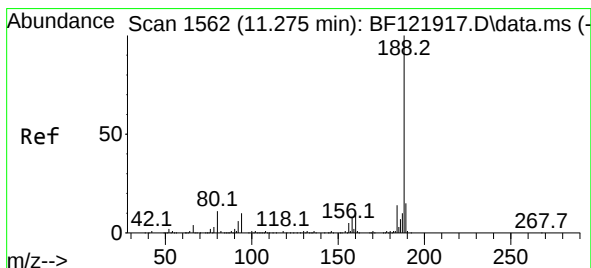
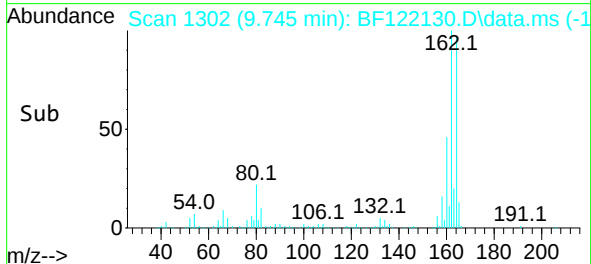
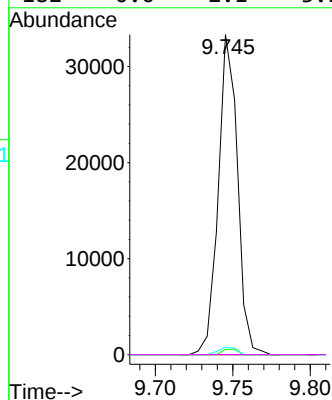
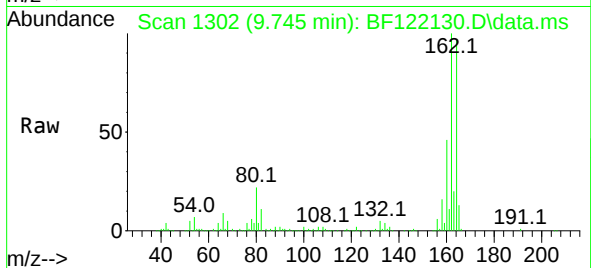




#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

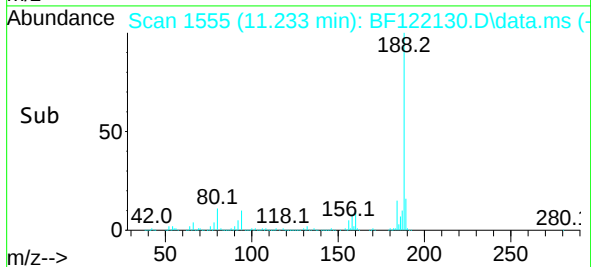
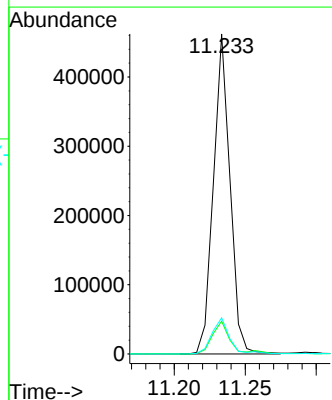
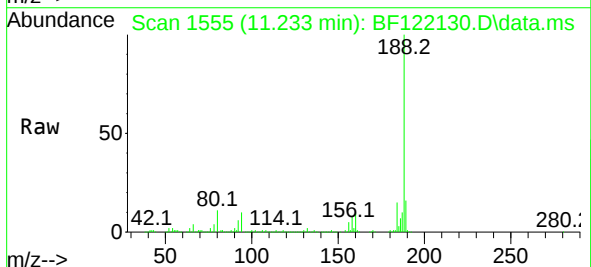
Instrument :
BNA_F
ClientSampleId :
FY-WATER

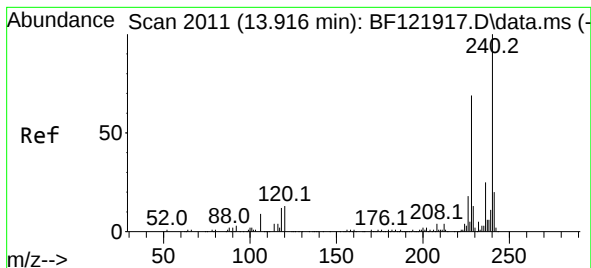
Tgt Ion:165 Resp: 28656
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 2.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:188 Resp: 375425
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7

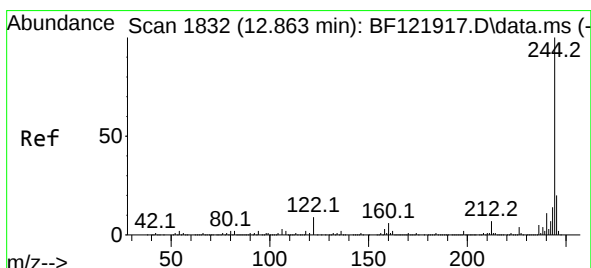
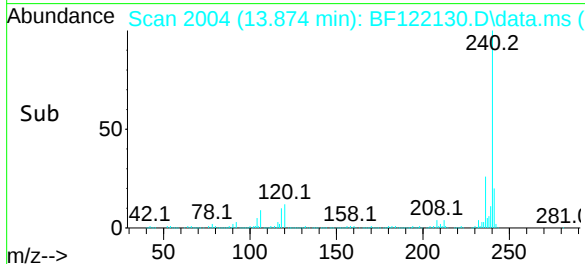
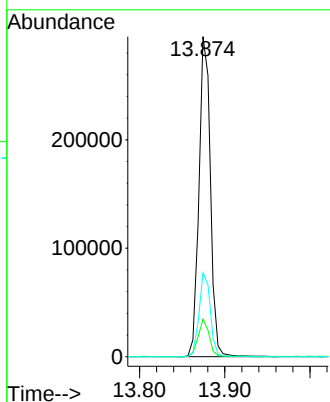
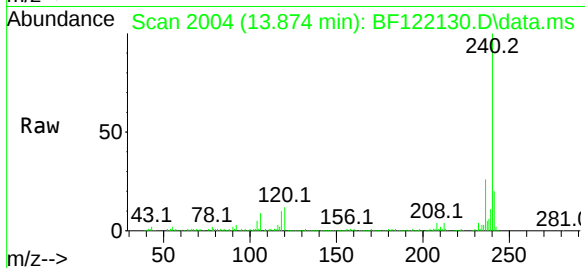




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

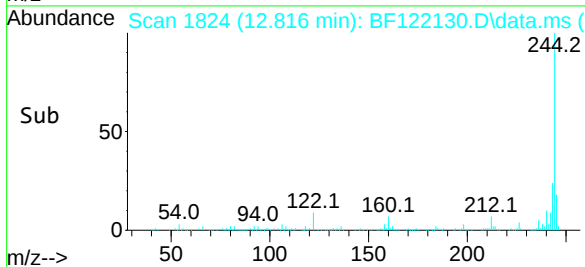
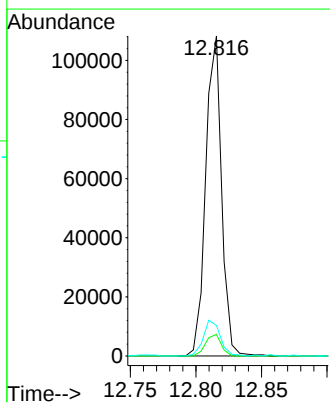
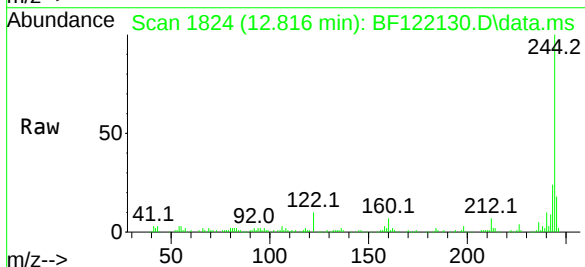
Instrument :
BNA_F
ClientSampleId :
FY-WATER

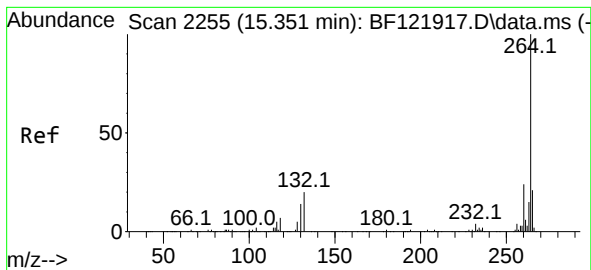
Tgt Ion:240 Resp: 274474
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 6.33 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122130.D
Acq: 26 Oct 2020 22:45

Tgt Ion:244 Resp: 91191
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.6 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF122130.D
 Acq: 26 Oct 2020 22:45

Instrument :
 BNA_F
 ClientSampleId :
 FY-WATER

Tgt Ion:264 Resp: 240352
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.2 17.3 25.9

