

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126860.D
 Acq On : 11 Feb 2022 16:32
 Operator : CG\JU
 Sample : N1477-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220073-105-21-SITE-WATER

Quant Time: Feb 11 22:43:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

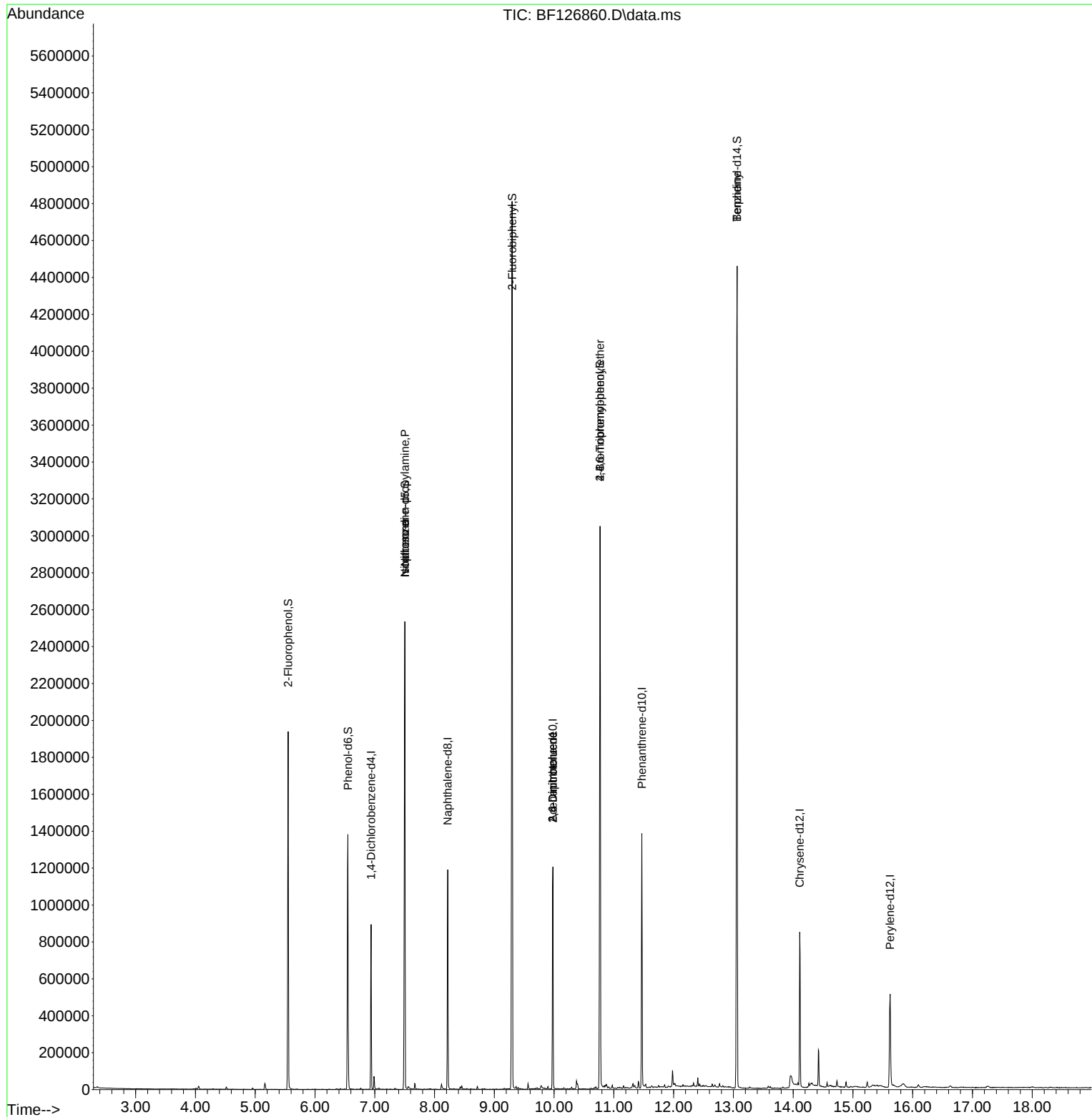
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	107036	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	440554	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	232047	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	435264	20.000	ng	0.00
76) Chrysene-d12	14.110	240	262550	20.000	ng	-0.01
86) Perylene-d12	15.621	264	210394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	431253	62.034	ng	0.00
7) Phenol-d6	6.551	99	424016	45.180	ng	-0.01
23) Nitrobenzene-d5	7.504	82	826246	86.534	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	350128	140.743	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1318224	85.513	ng	0.00
79) Terphenyl-d14	13.063	244	1573499	85.916	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	112508	18.931	ng	# 79
25) Isophorone	7.504	82	826239	51.649	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	30294	9.112	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	30294	6.892	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	21047	4.450	ng	# 1
77) Benzidine	13.063	184	23560	3.410	ng	97

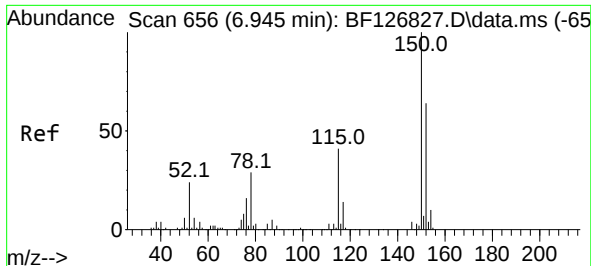
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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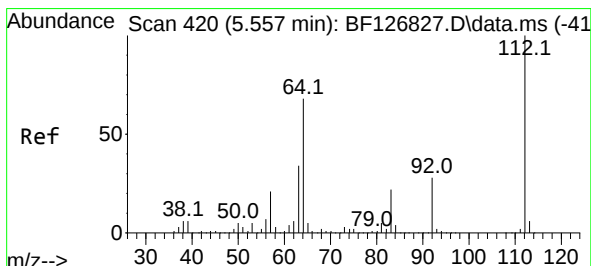
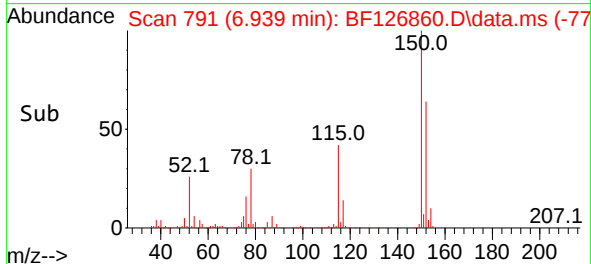
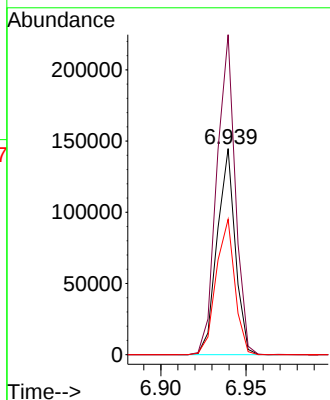
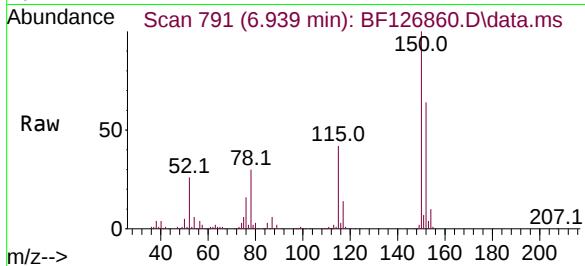




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

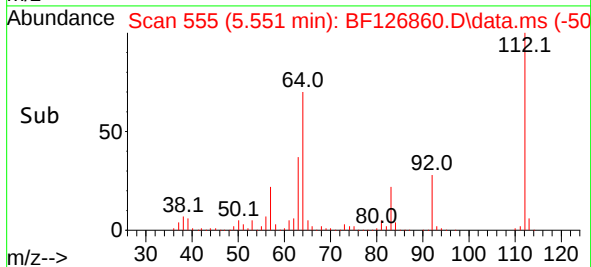
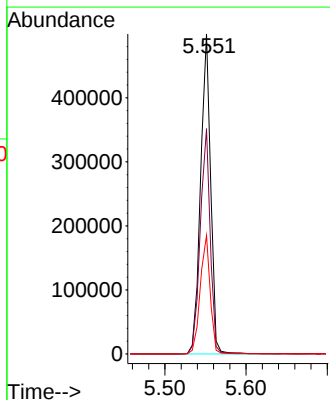
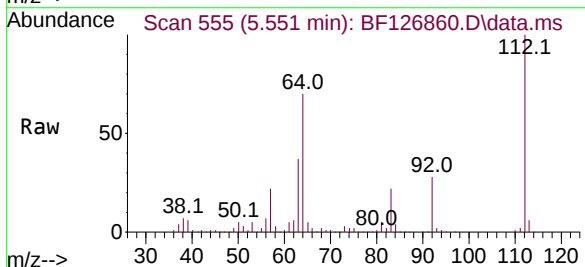
Instrument :
BNA_F
ClientSampleId :
20220073-105-21-SITE-WATER

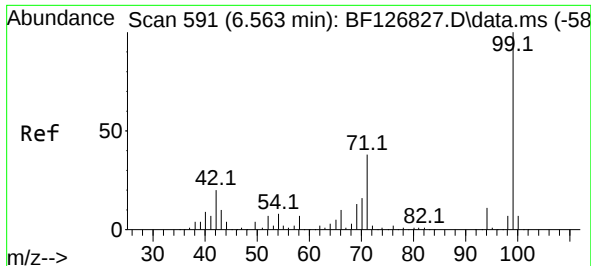
Tgt Ion:152 Resp: 107036
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 65.7 50.5 75.7



#5
2-Fluorophenol
Concen: 62.034 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

Tgt Ion:112 Resp: 431253
Ion Ratio Lower Upper
112 100
64 70.4 54.3 81.5
63 37.0 27.5 41.3

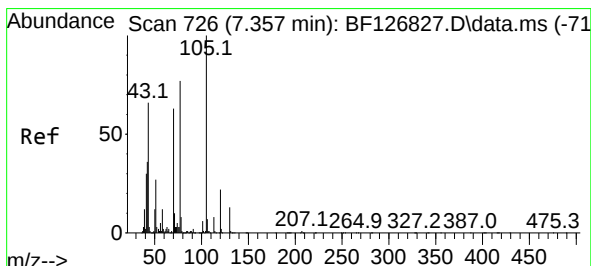
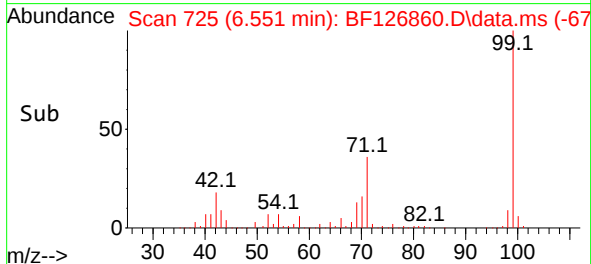
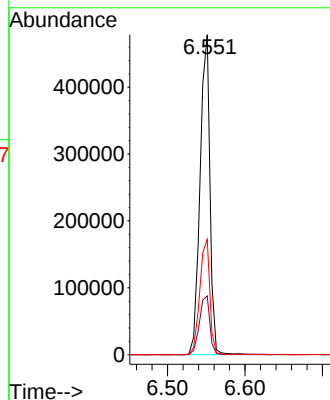
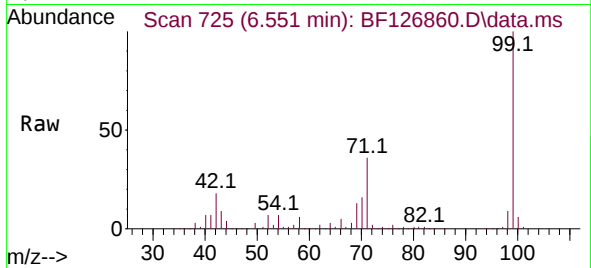




#7
Phenol-d6
Concen: 45.180 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

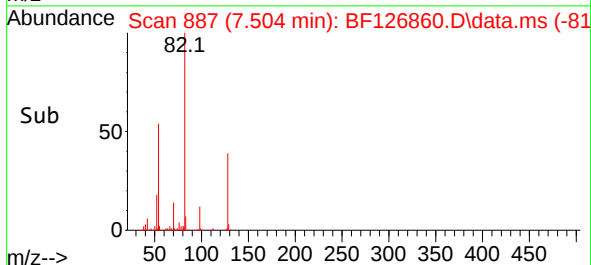
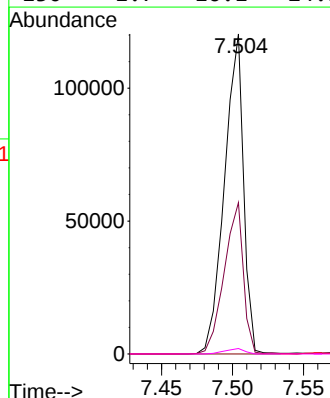
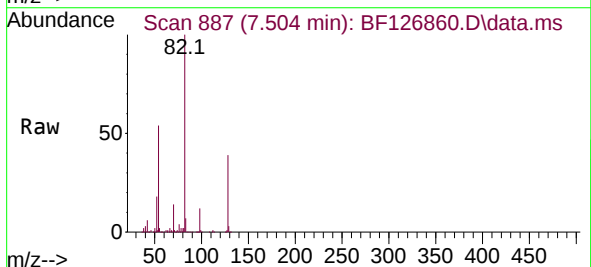
Instrument :
BNA_F
ClientSampleId :
20220073-105-21-SITE-WATER

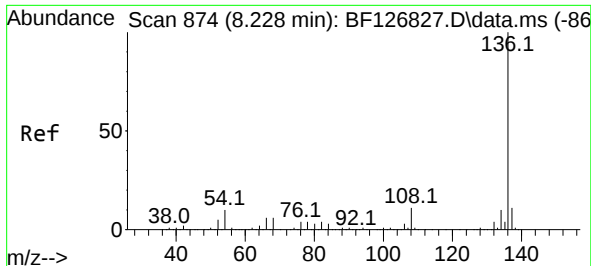
Tgt Ion: 99 Resp: 424016
Ion Ratio Lower Upper
99 100
42 18.3 15.8 23.6
71 36.1 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.931 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

Tgt Ion: 70 Resp: 112508
Ion Ratio Lower Upper
70 100
42 47.3 46.3 69.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

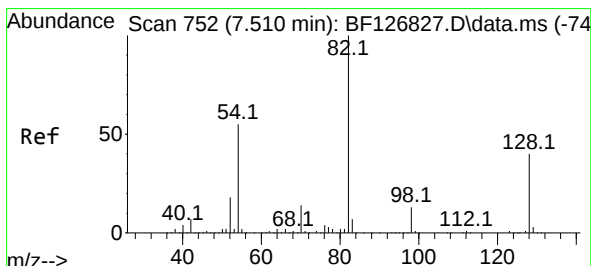
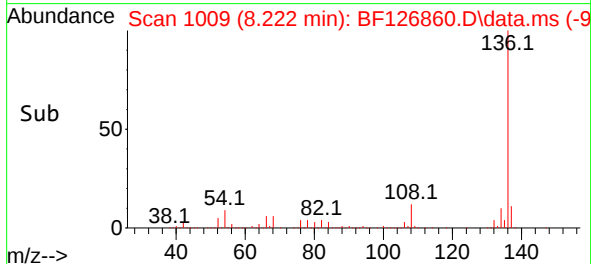
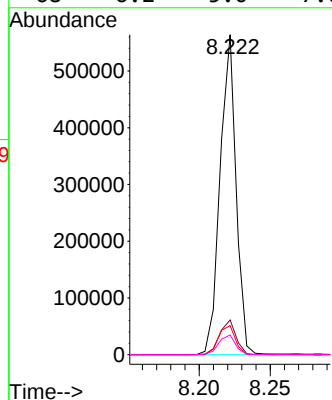
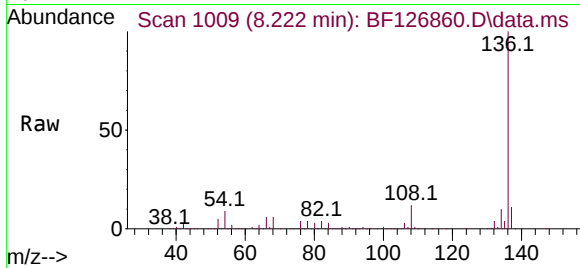




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

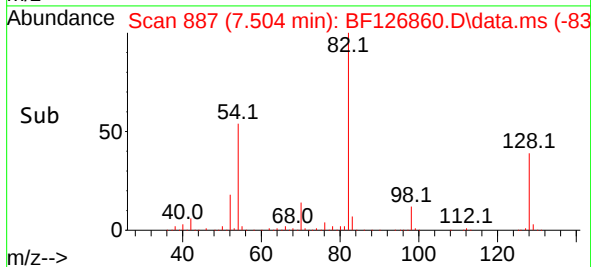
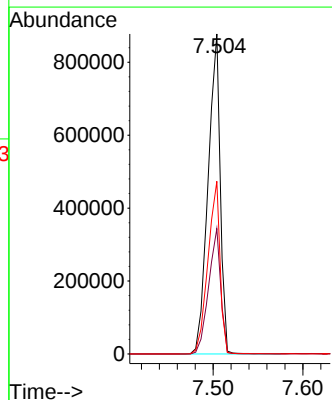
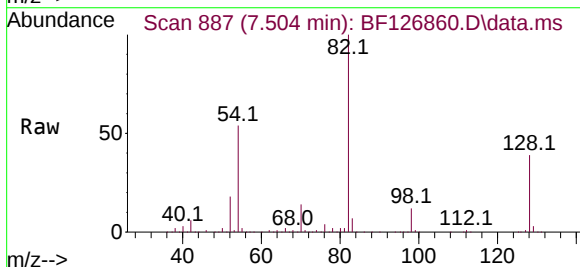
Instrument :
BNA_F
ClientSampleId :
20220073-105-21-SITE-WATER

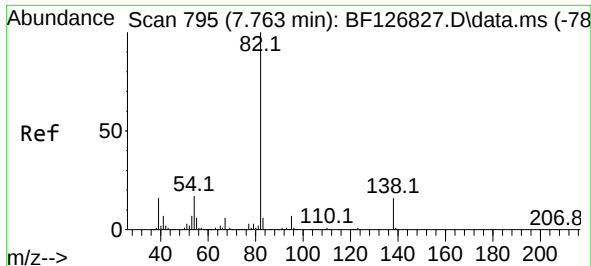
Tgt Ion:136 Resp: 440554
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.1 8.0 12.0
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.534 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

Tgt Ion: 82 Resp: 826246
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 53.9 43.7 65.5

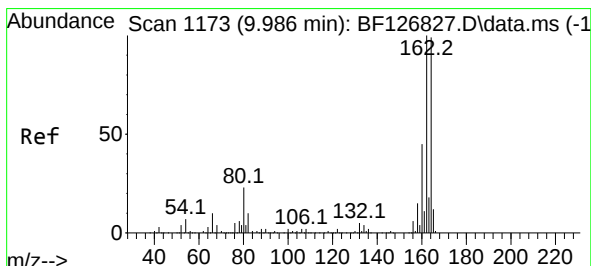
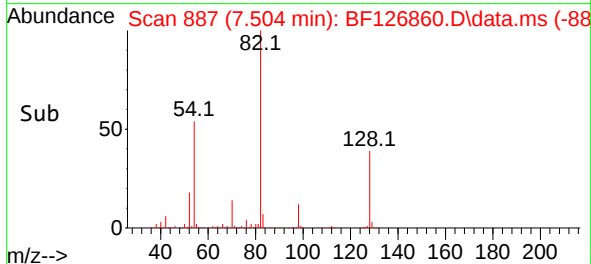
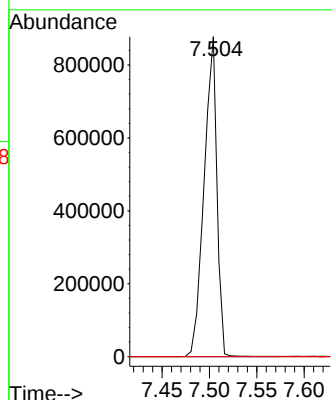
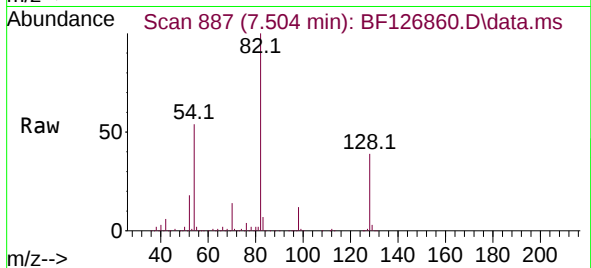




#25
Isophorone
Concen: 51.649 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

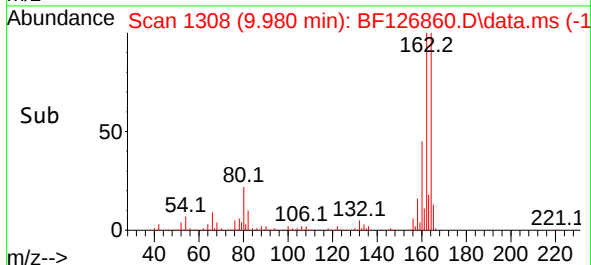
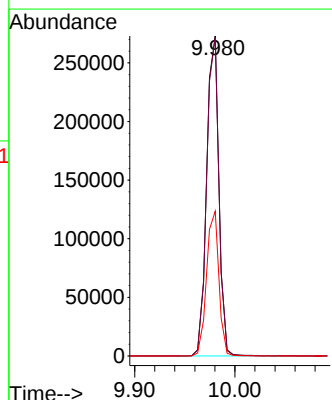
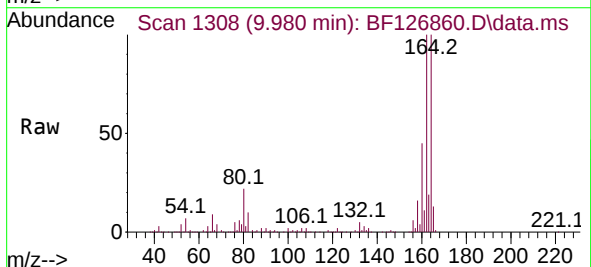
Instrument :
BNA_F
ClientSampleId :
20220073-105-21-SITE-WATER

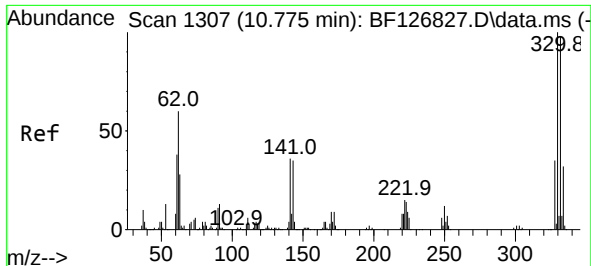
Tgt Ion: 82 Resp: 826239
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

Tgt Ion: 164 Resp: 232047
Ion Ratio Lower Upper
164 100
162 99.6 80.9 121.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 140.743 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126860.D

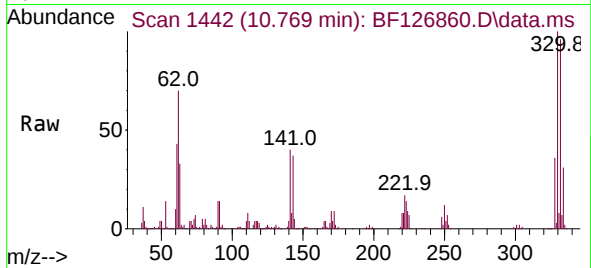
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Instrument :

BNA_F

ClientSampleId :

20220073-105-21-SITE-WATER



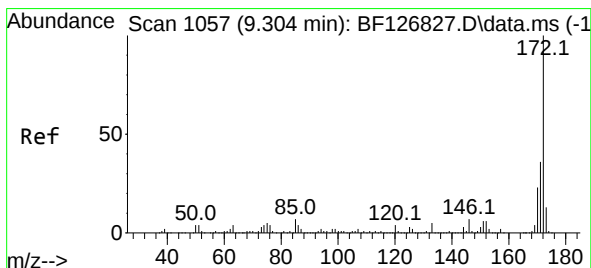
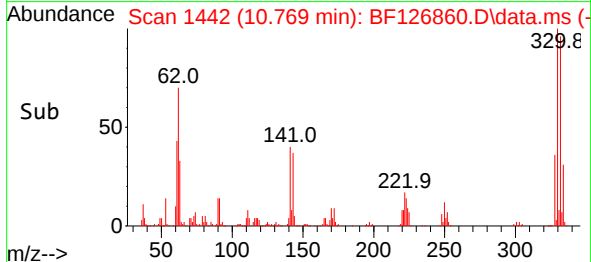
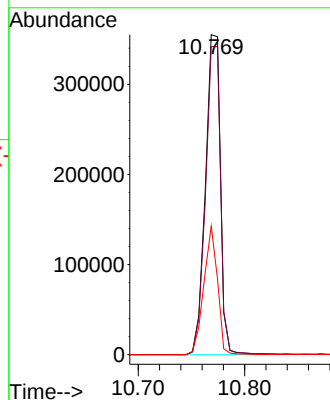
Tgt Ion:330 Resp: 350128

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

141 36.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 85.513 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126860.D

Acq: 11 Feb 2022 16:32

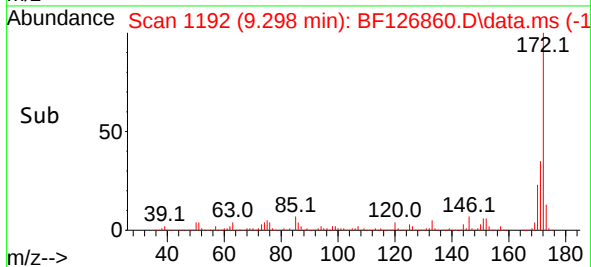
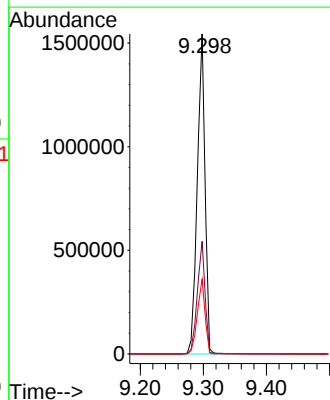
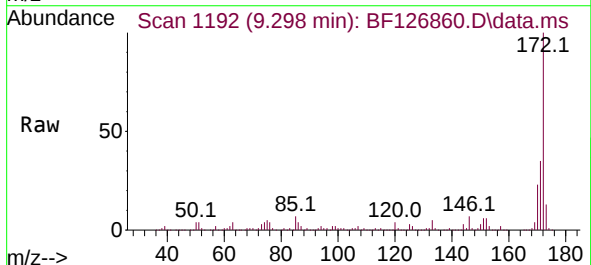
Tgt Ion:172 Resp: 1318224

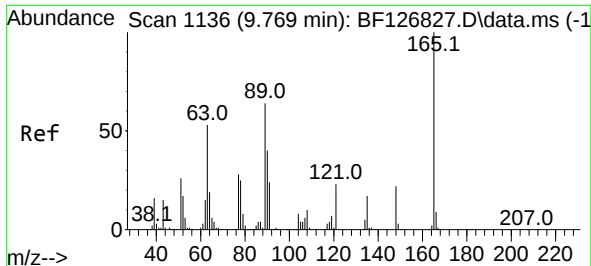
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.112 ng

RT: 9.980 min Scan# 1136

Delta R.T. 0.211 min

Lab File: BF126860.D

Acq: 11 Feb 2022 16:32

Instrument :

BNA_F

ClientSampleId :

20220073-105-21-SITE-WATER

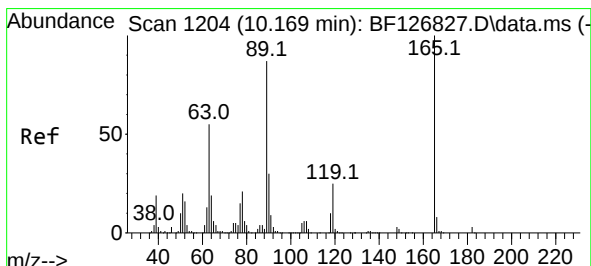
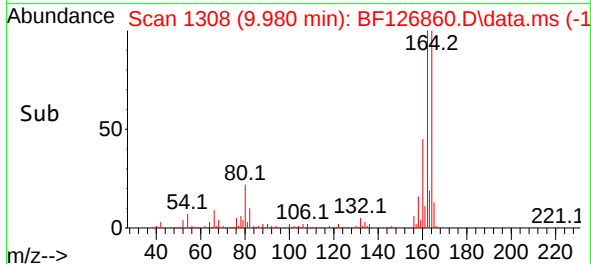
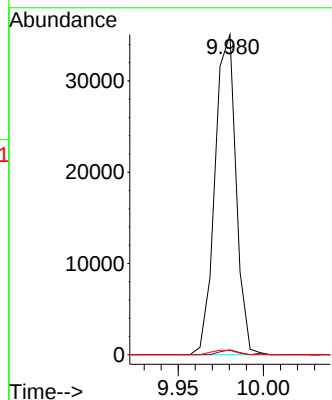
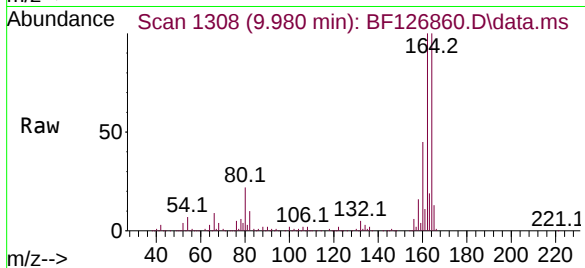
Tgt Ion:165 Resp: 30294

Ion Ratio Lower Upper

165 100

63 1.5 49.9 74.9#

89 1.3 51.0 76.4#



#57

2,4-Dinitrotoluene

Concen: 6.892 ng

RT: 9.980 min Scan# 1308

Delta R.T. -0.188 min

Lab File: BF126860.D

Acq: 11 Feb 2022 16:32

Tgt Ion:165 Resp: 30294

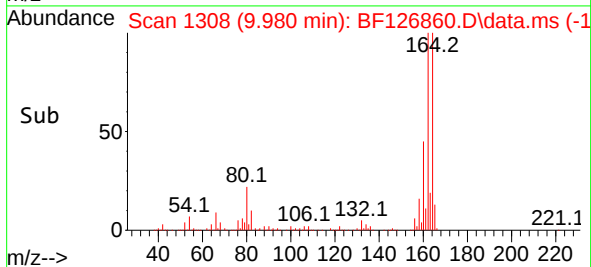
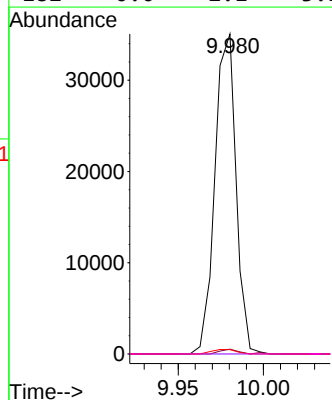
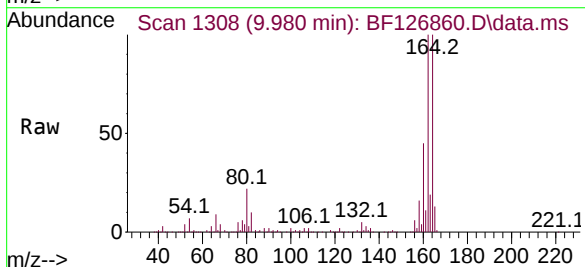
Ion Ratio Lower Upper

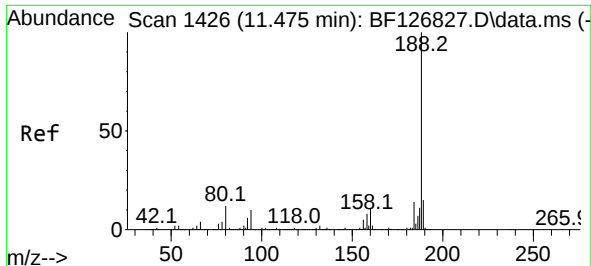
165 100

63 1.5 43.9 65.9#

89 1.3 69.8 104.8#

182 0.0 2.1 3.1#

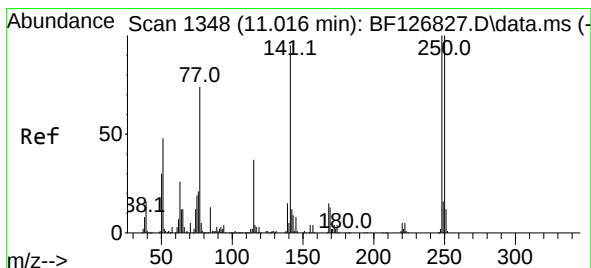
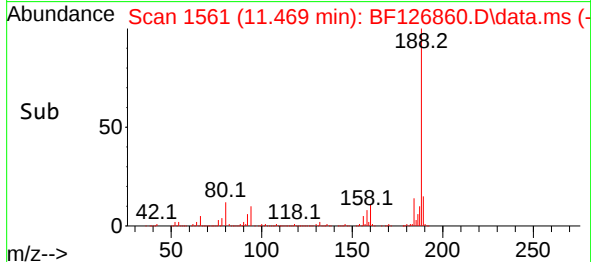
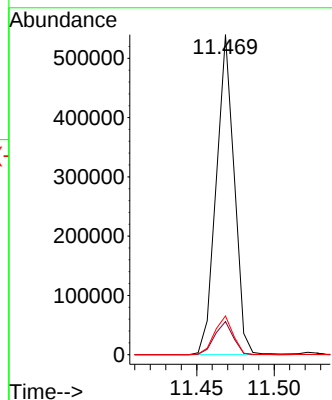
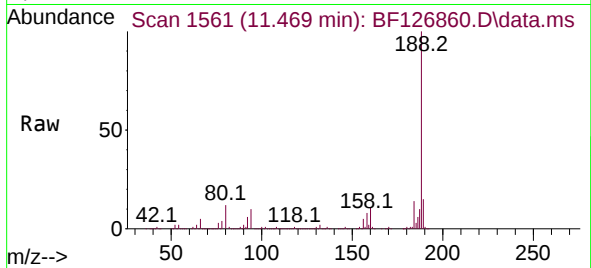




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

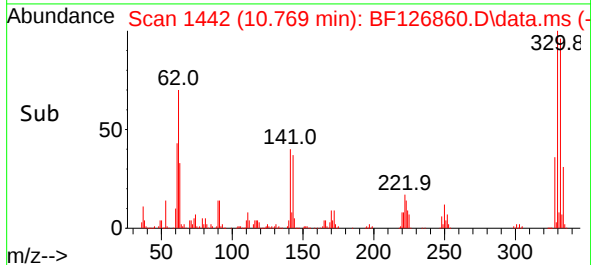
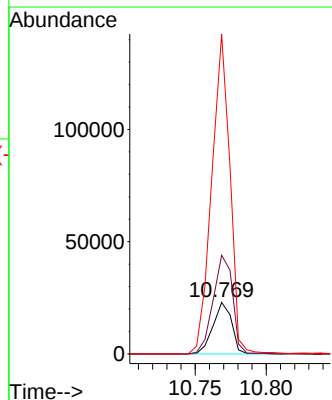
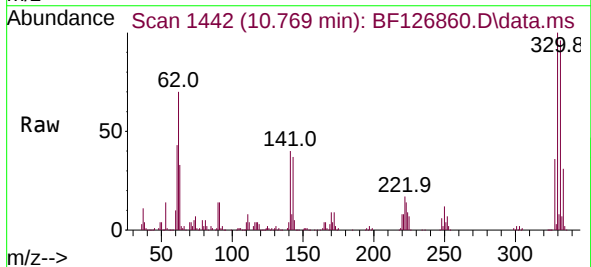
Instrument :
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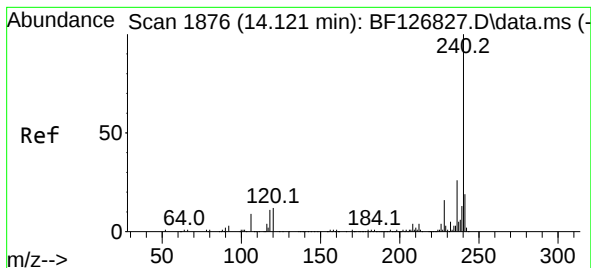
Tgt Ion:188 Resp: 435264
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.1 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126860.D
Acq: 11 Feb 2022 16:32

Tgt Ion:248 Resp: 21047
Ion Ratio Lower Upper
248 100
250 191.4 80.0 120.0#
141 620.3 75.6 113.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF126860.D

Acq: 11 Feb 2022 16:32

Instrument :

BNA_F

ClientSampleId :

20220073-105-21-SITE-WATER

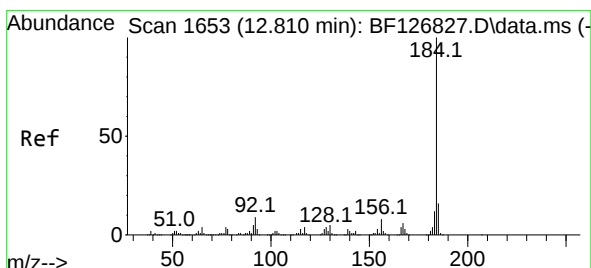
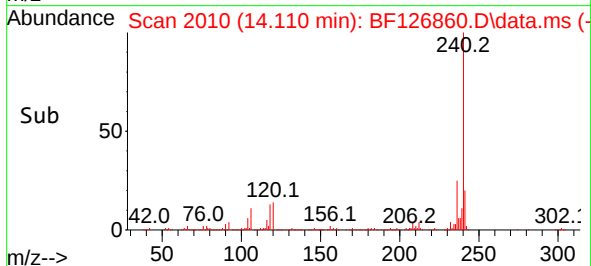
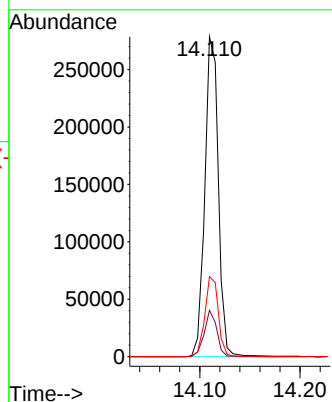
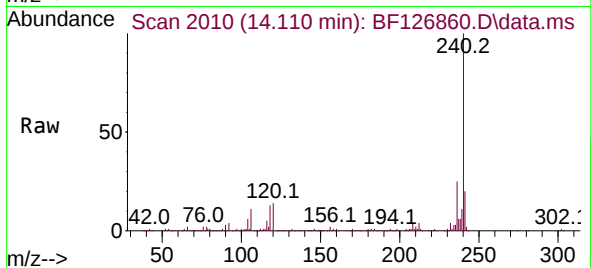
Tgt Ion:240 Resp: 262550

Ion Ratio Lower Upper

240 100

120 14.5 9.8 14.6

236 25.0 20.5 30.7



#77

Benzidine

Concen: 3.410 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.253 min

Lab File: BF126860.D

Acq: 11 Feb 2022 16:32

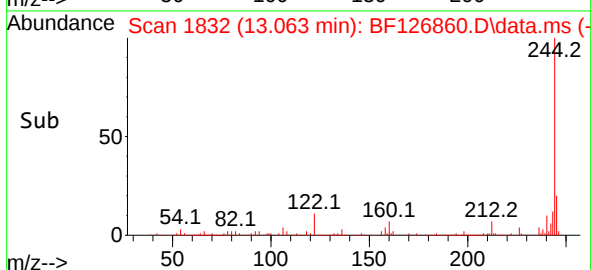
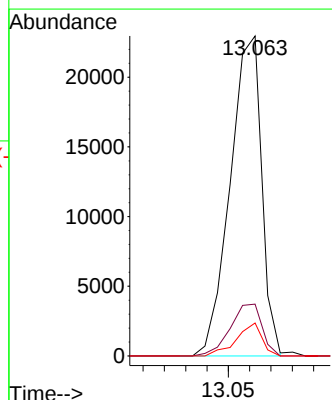
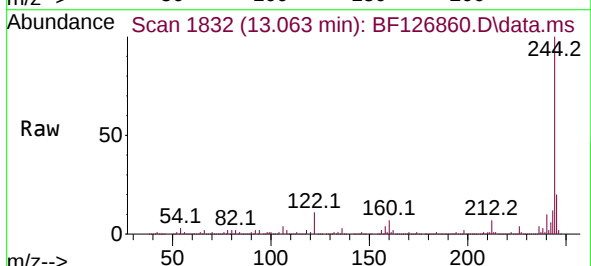
Tgt Ion:184 Resp: 23560

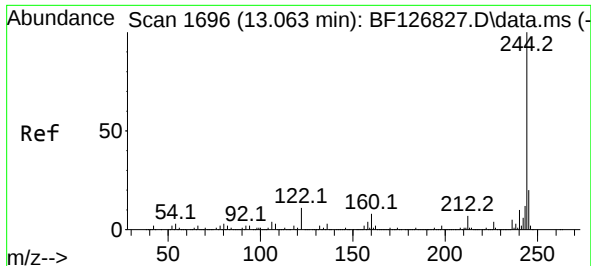
Ion Ratio Lower Upper

184 100

185 16.2 12.5 18.7

183 10.3 9.6 14.4

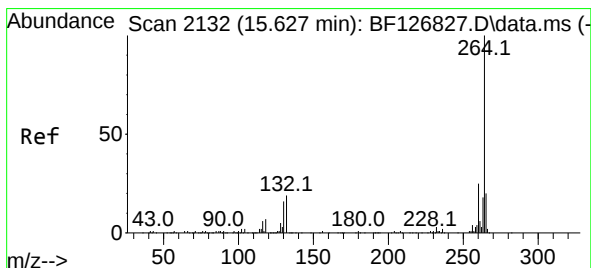
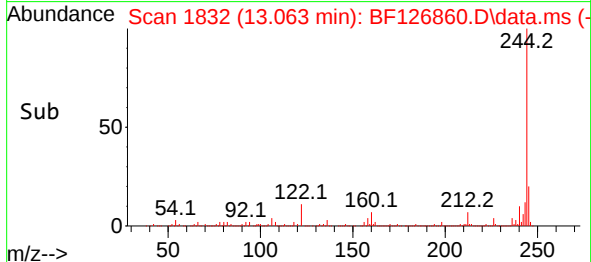
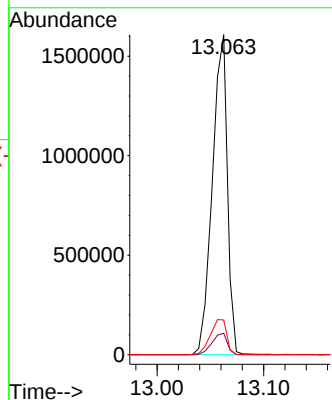
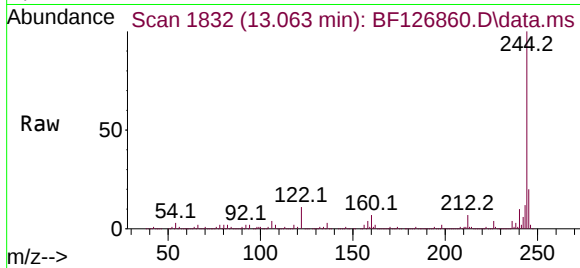




#79
 Terphenyl-d14
 Concen: 85.916 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126860.D
 Acq: 11 Feb 2022 16:32

Instrument :
 BNA_F
 ClientSampleId :
 20220073-105-21-SITE-WATER

Tgt Ion:244 Resp: 1573499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126860.D
 Acq: 11 Feb 2022 16:32

Tgt Ion:264 Resp: 210394
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.7 15.9 23.9

