

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126881.D
 Acq On : 14 Feb 2022 19:57
 Operator : CG\JU
 Sample : N1513-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220071-103-21-SITE-WATER

Quant Time: Feb 15 01:02:20 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)

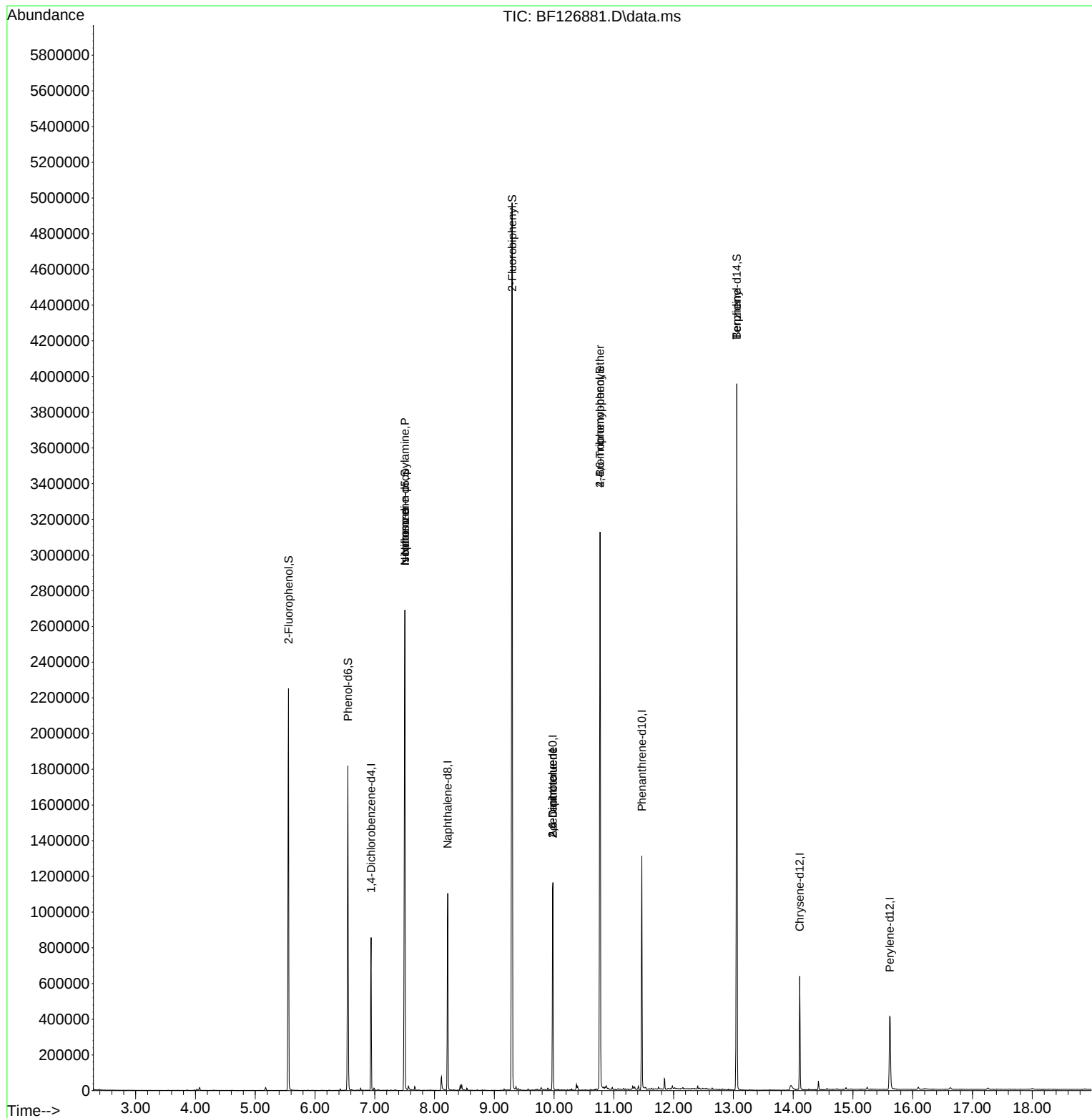
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	110681	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	453031	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	237363	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	411434	20.000	ng	0.00
76) Chrysene-d12	14.110	240	192021	20.000	ng	-0.01
86) Perylene-d12	15.615	264	194836	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	540131	75.136	ng	0.00
7) Phenol-d6	6.551	99	536273	55.259	ng	-0.01
23) Nitrobenzene-d5	7.504	82	936274	95.357	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	375859	147.703	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1445474	91.668	ng	0.00
79) Terphenyl-d14	13.057	244	1325688	98.972	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	128667	20.937	ng	# 77
25) Isophorone	7.504	82	936265	56.915	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	30430	8.948	ng	# 20
57) 2,4-Dinitrotoluene	9.980	165	30430	6.768	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	22573	5.049	ng	# 1
77) Benzidine	13.057	184	20205	3.999	ng	# 92

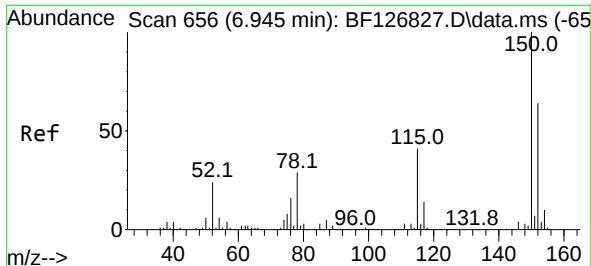
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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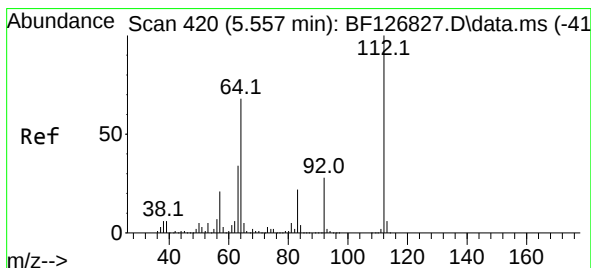
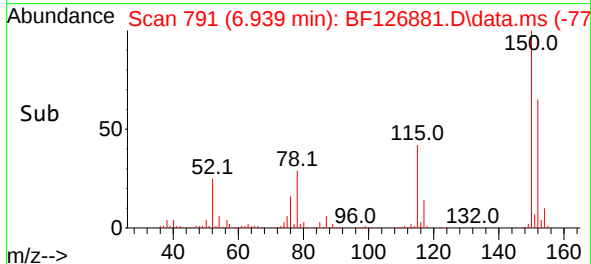
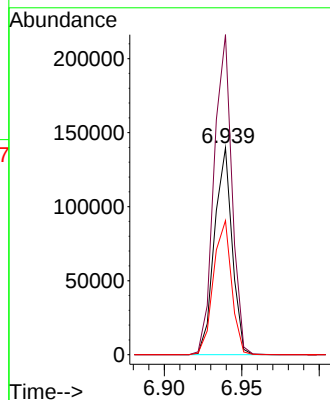
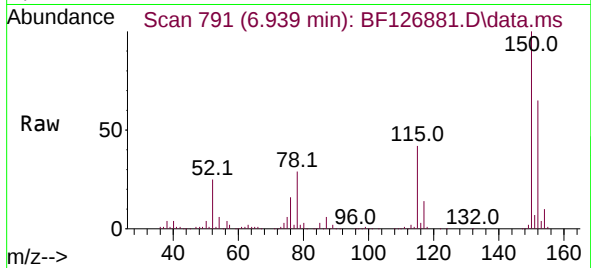




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

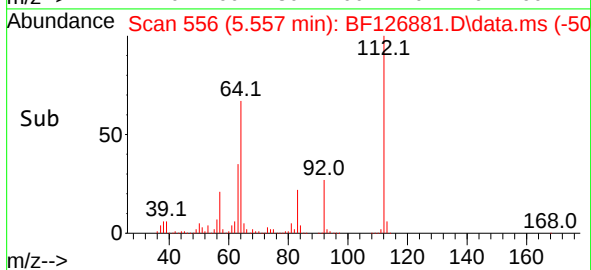
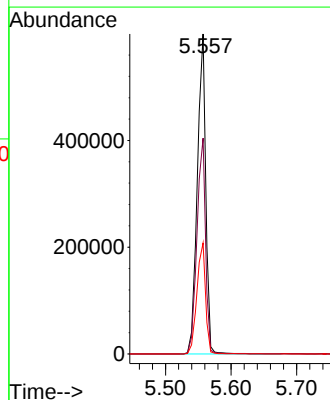
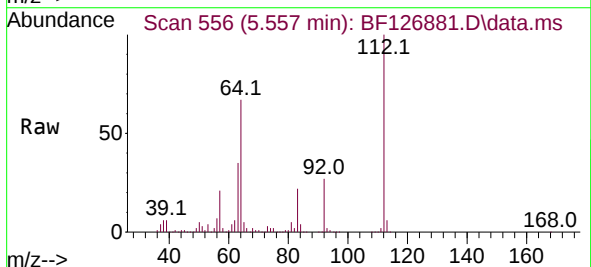
Instrument :
BNA_F
ClientSampleId :
20220071-103-21-SITE-WATER

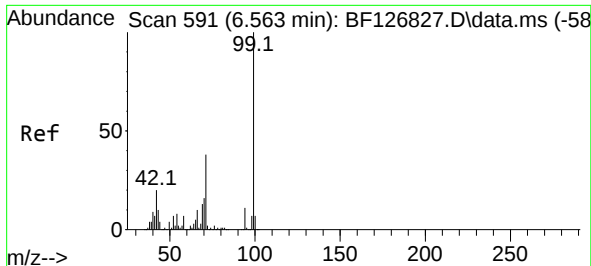
Tgt Ion:152 Resp: 110681
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 64.8 50.5 75.7



#5
2-Fluorophenol
Concen: 75.136 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion:112 Resp: 540131
Ion Ratio Lower Upper
112 100
64 67.4 54.3 81.5
63 34.7 27.5 41.3

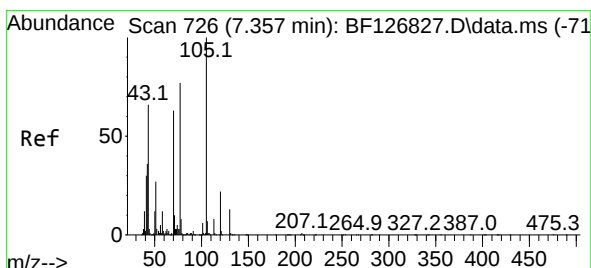
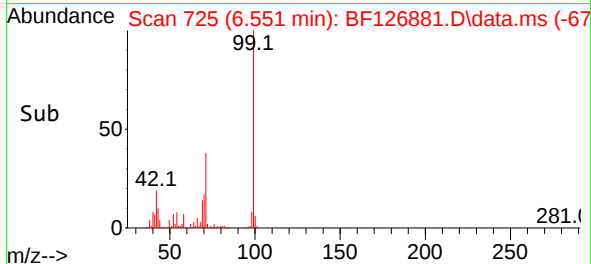
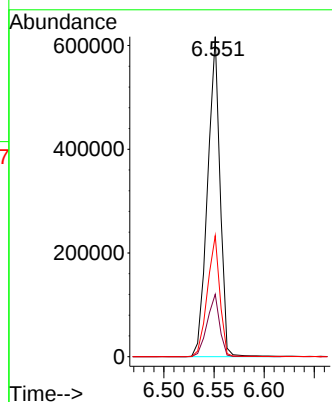
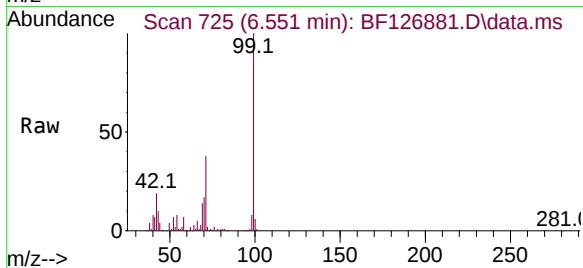




#7
Phenol-d6
Concen: 55.259 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

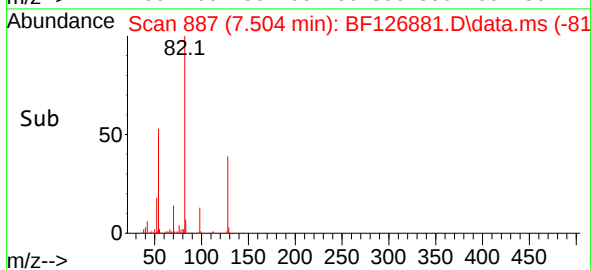
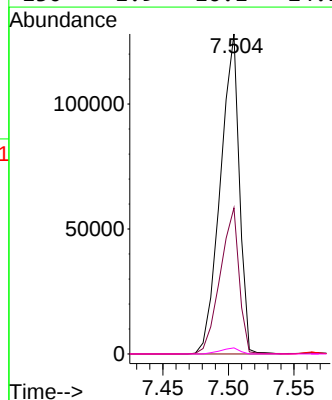
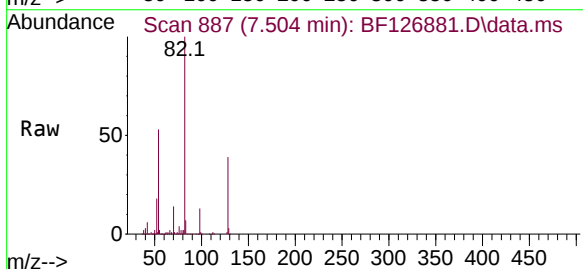
Instrument :
BNA_F
ClientSampleId :
20220071-103-21-SITE-WATER

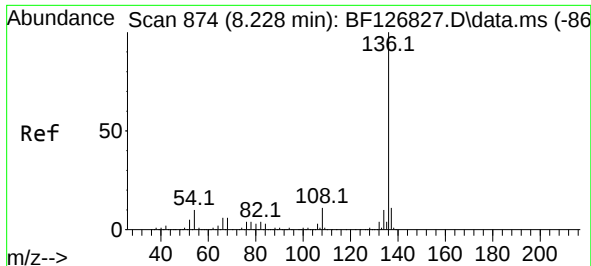
Tgt Ion: 99 Resp: 536273
Ion Ratio Lower Upper
99 100
42 19.5 15.8 23.6
71 37.8 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.937 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 70 Resp: 128667
Ion Ratio Lower Upper
70 100
42 45.7 46.3 69.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

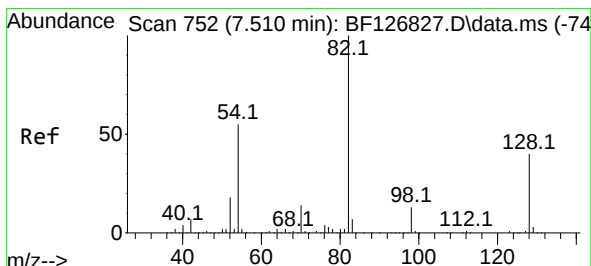
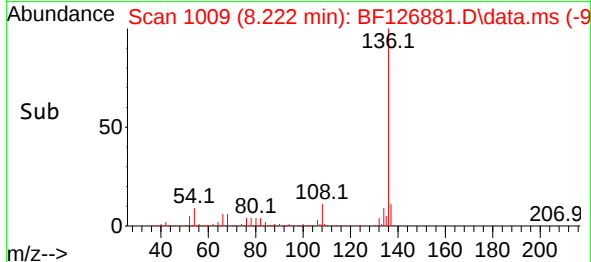
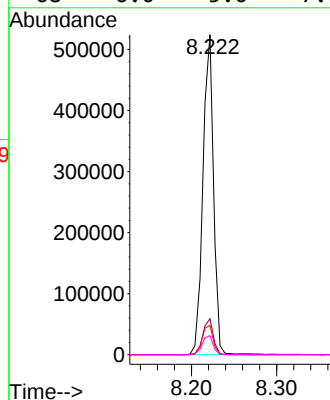
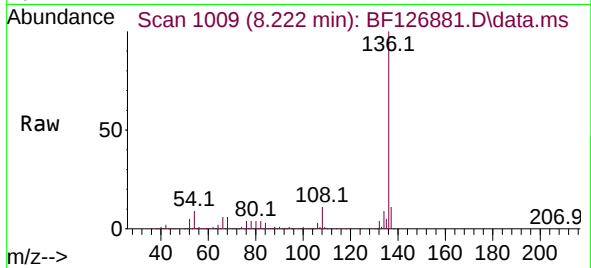




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

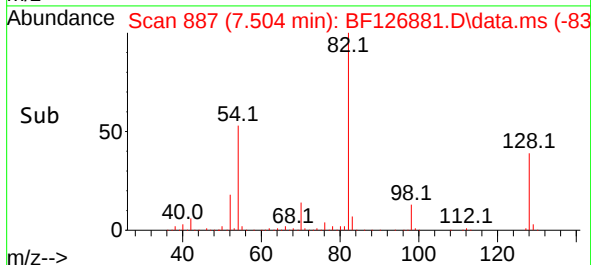
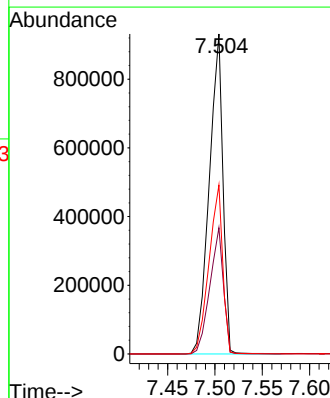
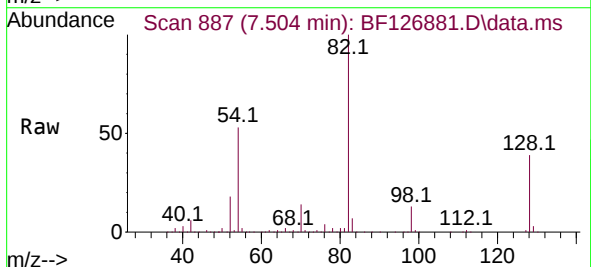
Instrument :
BNA_F
ClientSampleId :
20220071-103-21-SITE-WATER

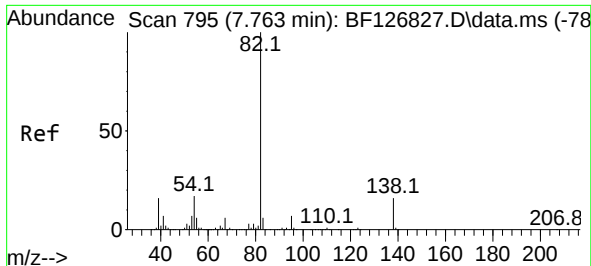
Tgt Ion:136 Resp: 453031
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.1 8.0 12.0
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 95.357 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 82 Resp: 936274
Ion Ratio Lower Upper
82 100
128 39.5 31.6 47.4
54 52.8 43.7 65.5

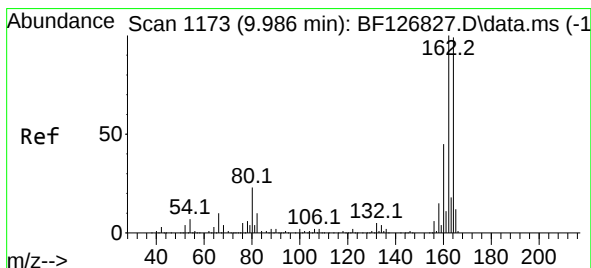
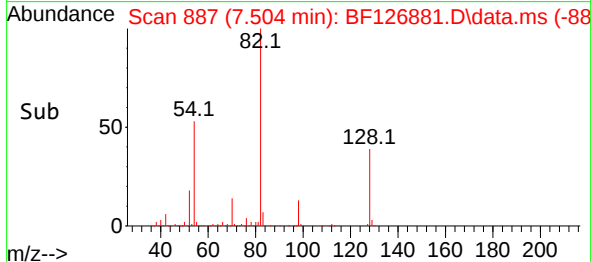
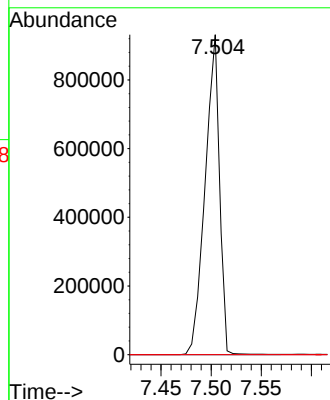
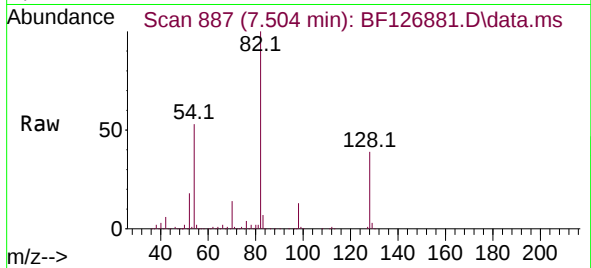




#25
Isophorone
Concen: 56.915 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

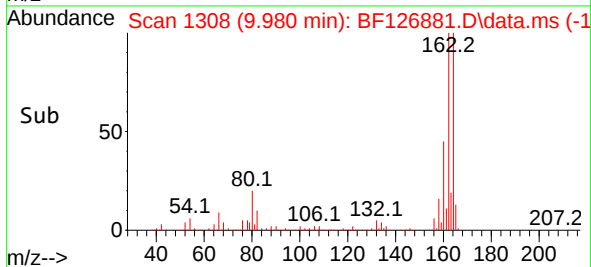
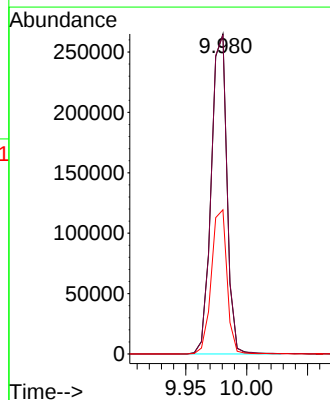
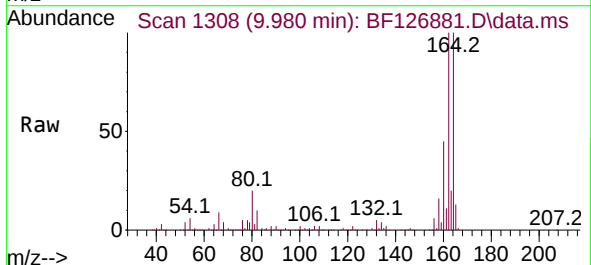
Instrument :
BNA_F
ClientSampleId :
20220071-103-21-SITE-WATER

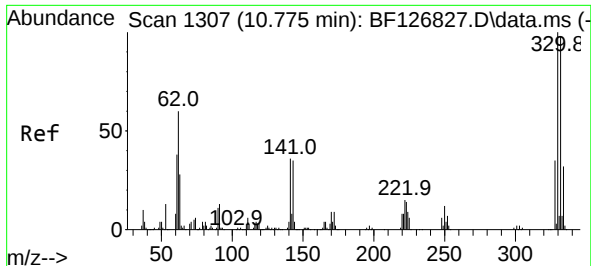
Tgt Ion: 82 Resp: 936265
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 164 Resp: 237363
Ion Ratio Lower Upper
164 100
162 99.6 80.9 121.3
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 147.703 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126881.D

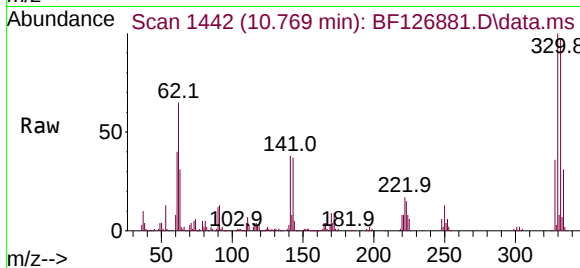
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Instrument :

BNA_F

ClientSampleId :

20220071-103-21-SITE-WATER



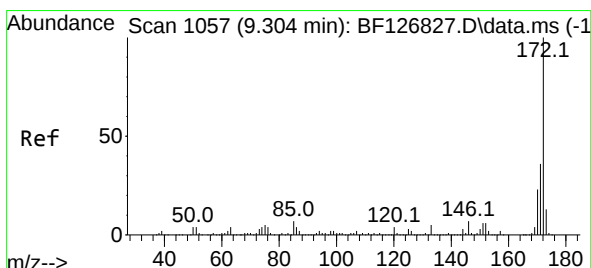
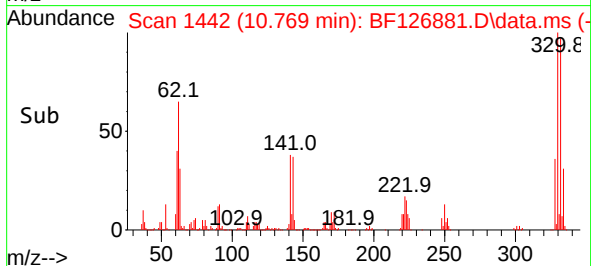
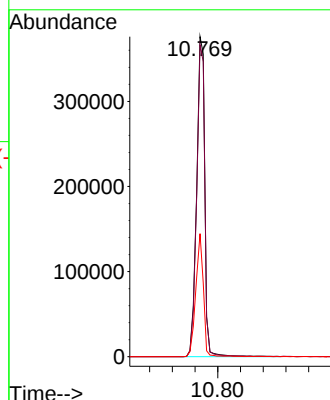
Tgt Ion:330 Resp: 375859

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 35.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 91.668 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126881.D

Acq: 14 Feb 2022 19:57

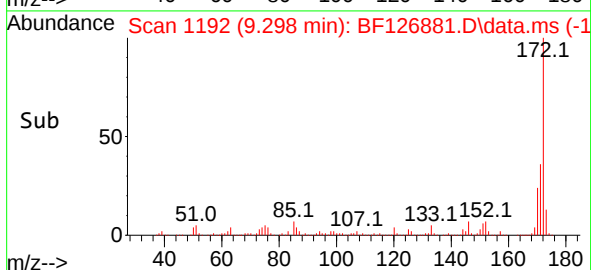
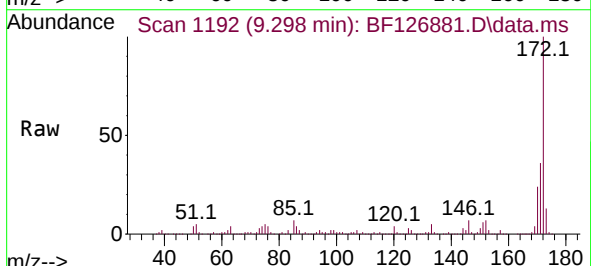
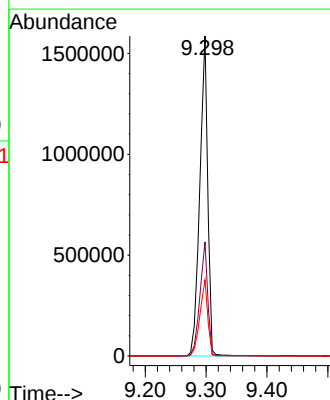
Tgt Ion:172 Resp: 1445474

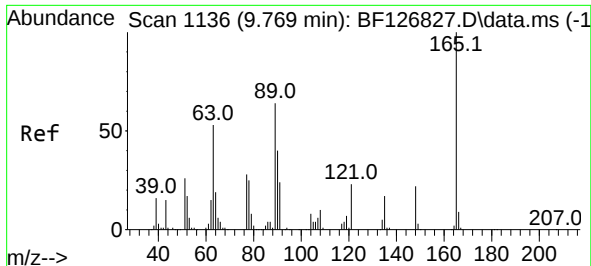
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.8 18.7 28.1

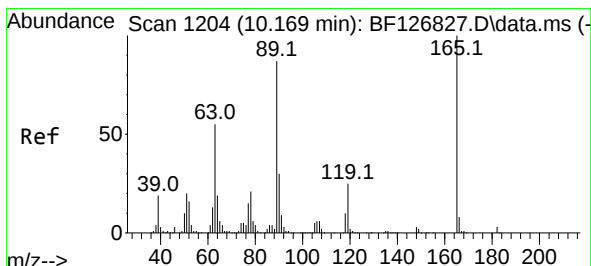
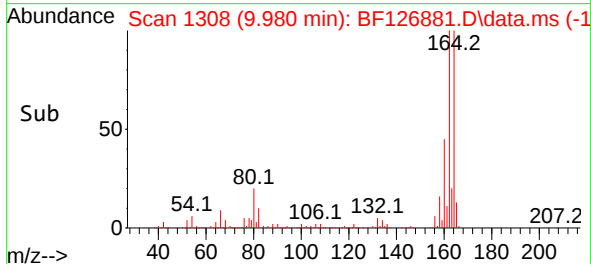
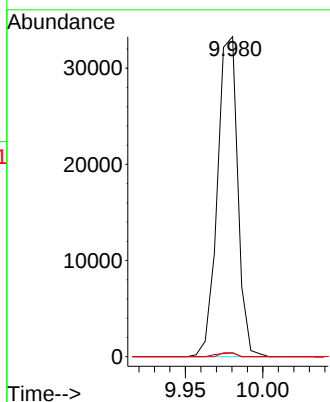
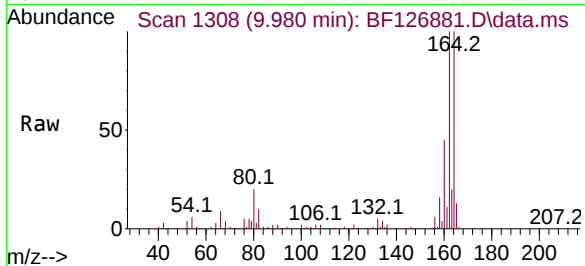




#51
2,6-Dinitrotoluene
Concen: 8.948 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

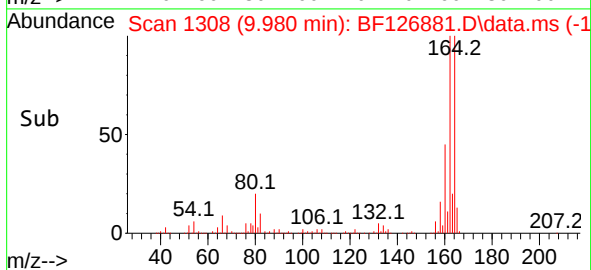
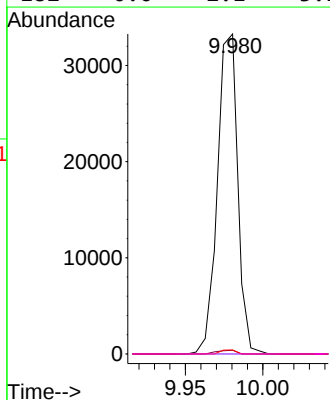
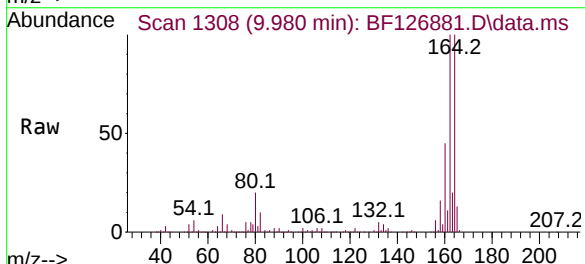
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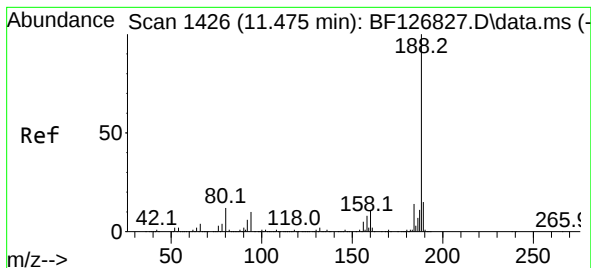
Tgt Ion:165 Resp: 30430
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.2 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion:165 Resp: 30430
Ion Ratio Lower Upper
165 100
63 1.2 43.9 65.9#
89 1.2 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126881.D

Acq: 14 Feb 2022 19:57

Instrument :

BNA_F

ClientSampleId :

20220071-103-21-SITE-WATER

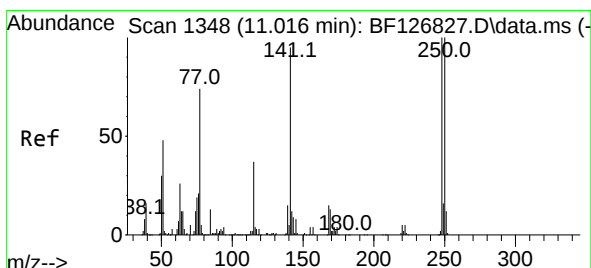
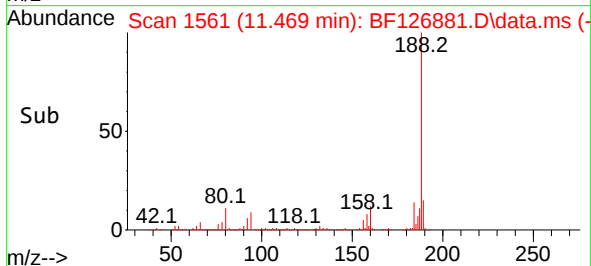
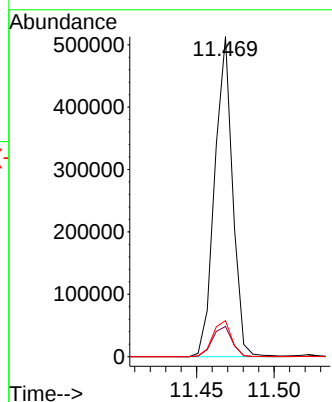
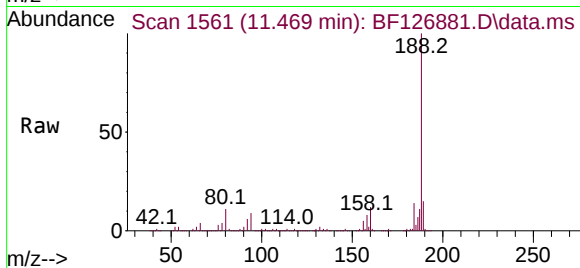
Tgt Ion:188 Resp: 411434

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

80 11.2 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 5.049 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126881.D

Acq: 14 Feb 2022 19:57

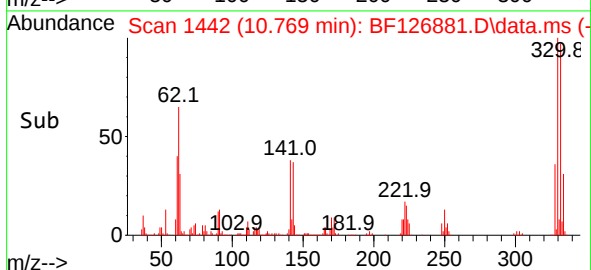
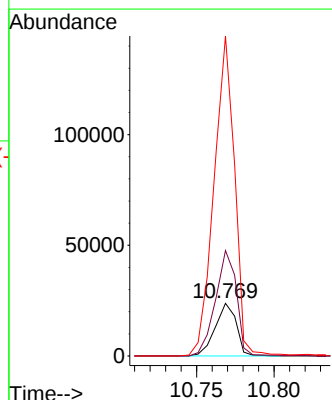
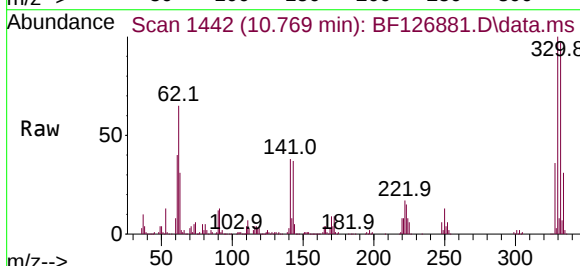
Tgt Ion:248 Resp: 22573

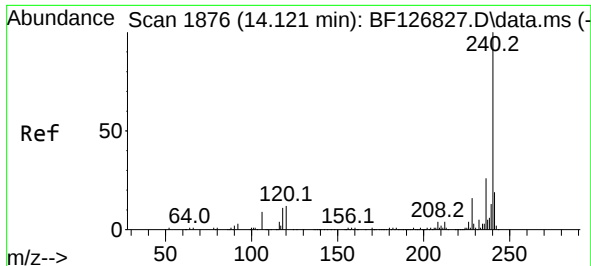
Ion Ratio Lower Upper

248 100

250 200.1 80.0 120.0#

141 607.3 75.6 113.4#

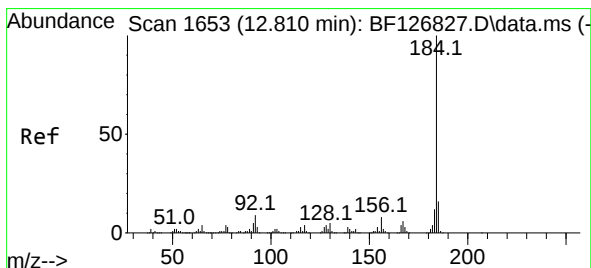
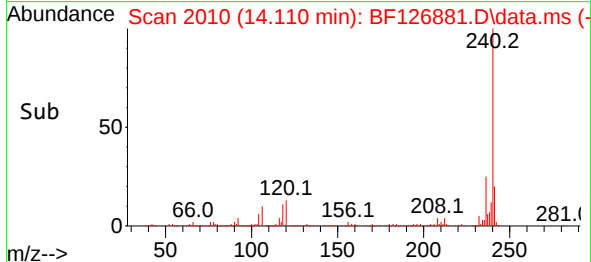
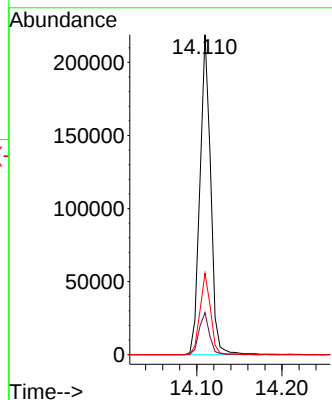
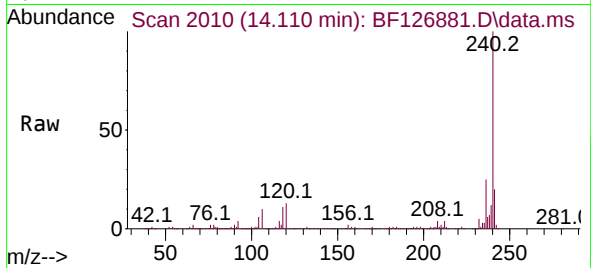




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

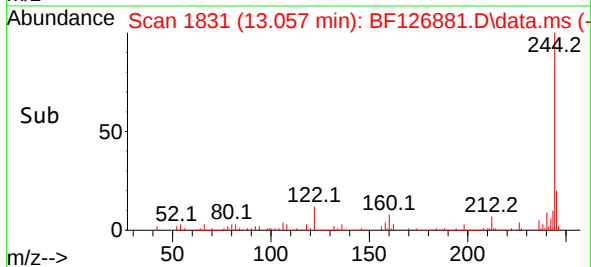
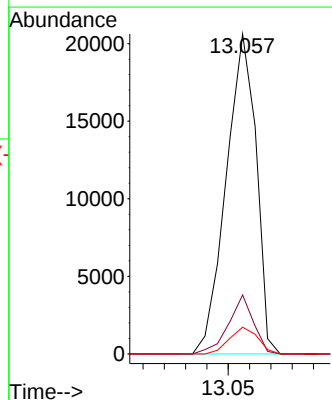
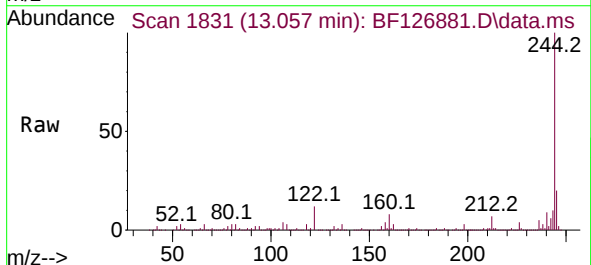
Instrument :
BNA_F
ClientSampleId :
20220071-103-21-SITE-WATER

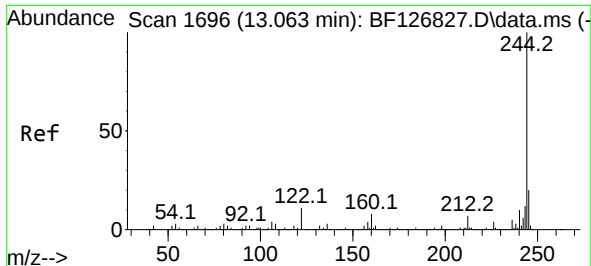
Tgt Ion:240 Resp: 192021
Ion Ratio Lower Upper
240 100
120 13.2 9.8 14.6
236 25.5 20.5 30.7



#77
Benzidine
Concen: 3.999 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126881.D
Acq: 14 Feb 2022 19:57

Tgt Ion:184 Resp: 20205
Ion Ratio Lower Upper
184 100
185 18.5 12.5 18.7
183 8.4 9.6 14.4#

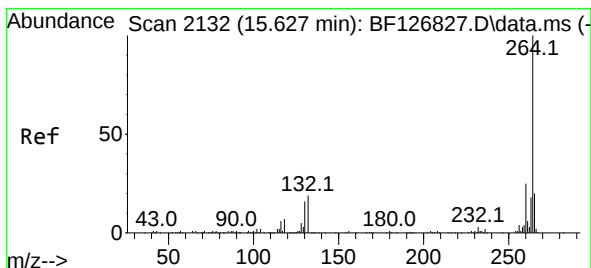
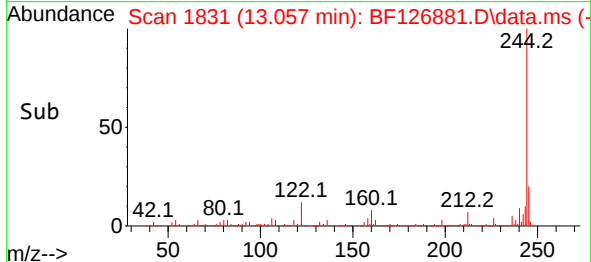
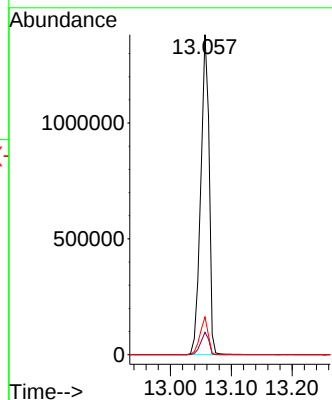
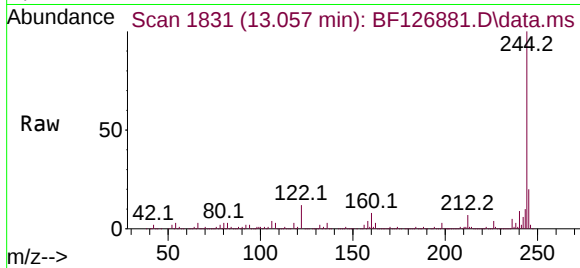




#79
 Terphenyl-d14
 Concen: 98.972 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126881.D
 Acq: 14 Feb 2022 19:57

Instrument :
 BNA_F
 ClientSampleId :
 20220071-103-21-SITE-WATER

Tgt Ion:244 Resp: 1325688
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2266
 Delta R.T. -0.012 min
 Lab File: BF126881.D
 Acq: 14 Feb 2022 19:57

Tgt Ion:264 Resp: 194836
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.5 15.9 23.9

