

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126877.D
 Acq On : 14 Feb 2022 18:08
 Operator : CG\JU
 Sample : N1513-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220067-097-21-SITE-WATER

Quant Time: Feb 15 01:01:08 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)

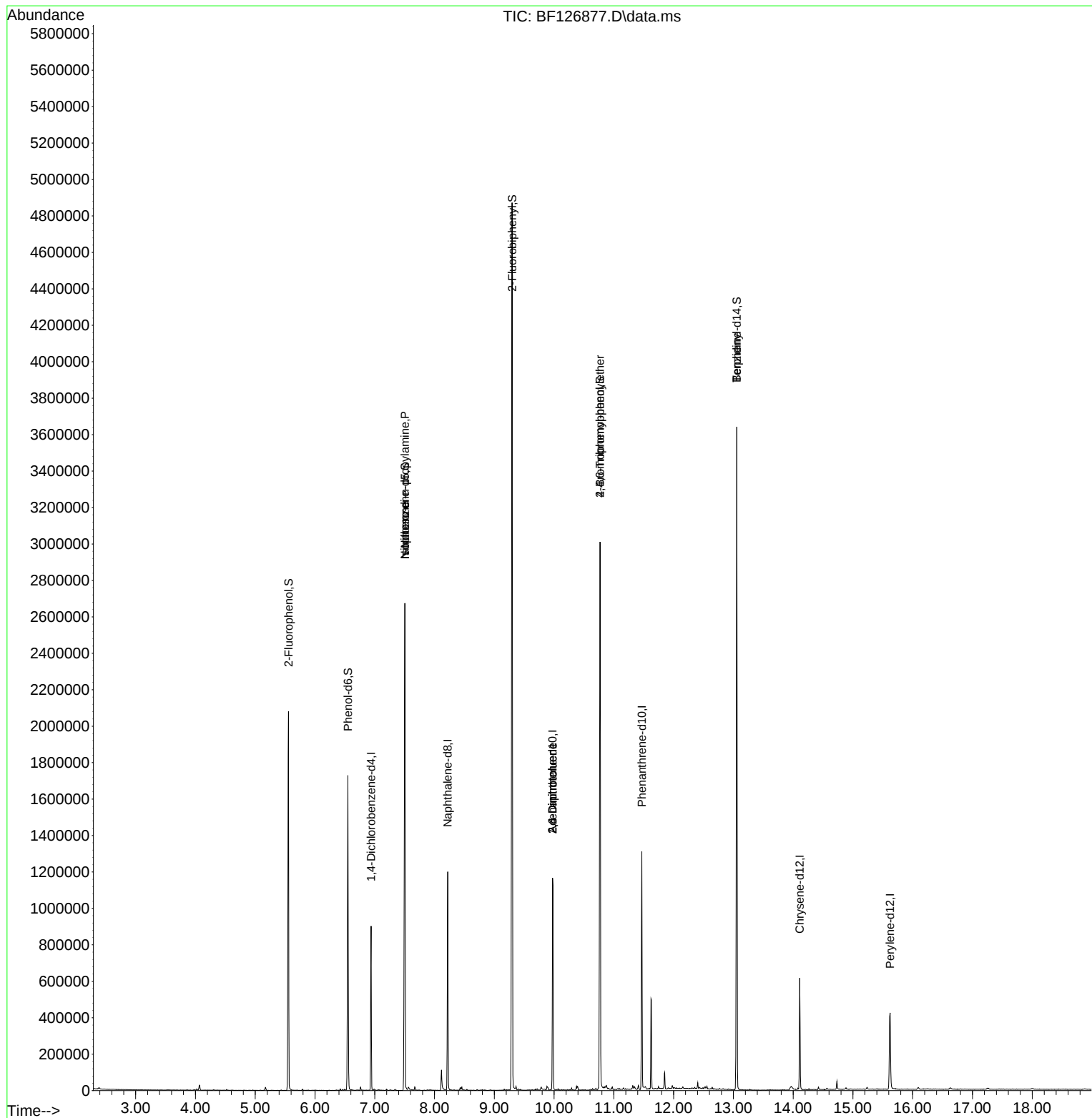
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	112209	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	463734	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	237000	20.000	ng	-0.01
64) Phenanthrene-d10	11.469	188	407018	20.000	ng	0.00
76) Chrysene-d12	14.110	240	185079	20.000	ng	-0.01
86) Perylene-d12	15.621	264	191958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	514529	70.600	ng	0.00
7) Phenol-d6	6.551	99	503058	51.131	ng	-0.01
23) Nitrobenzene-d5	7.504	82	913154	90.856	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	354463	139.508	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1414657	89.851	ng	0.00
79) Terphenyl-d14	13.057	244	1162095	90.013	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	125702	20.176	ng	# 76
25) Isophorone	7.504	82	913146	54.229	ng	# 68
51) 2,6-Dinitrotoluene	9.974	165	30472	8.974	ng	# 21
57) 2,4-Dinitrotoluene	9.974	165	30472	6.788	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	21771	4.922	ng	# 1
77) Benzidine	13.057	184	17275	3.547	ng	# 95

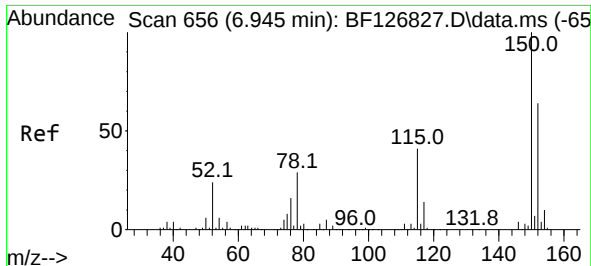
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
Data File : BF126877.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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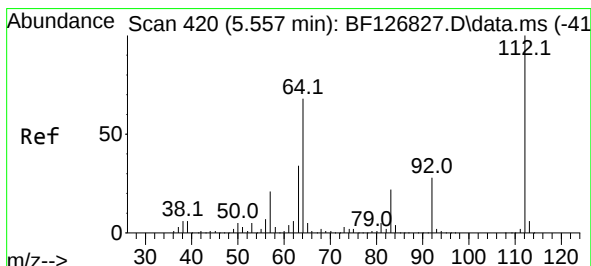
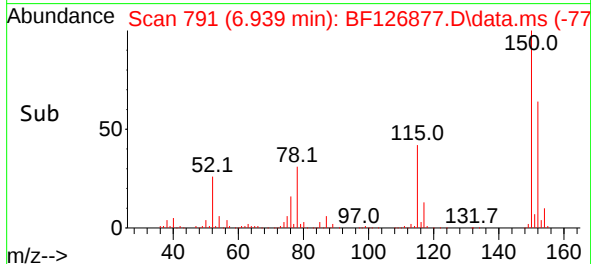
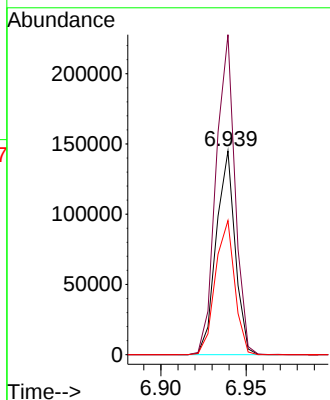
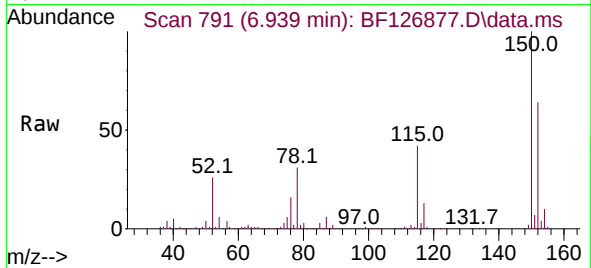




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

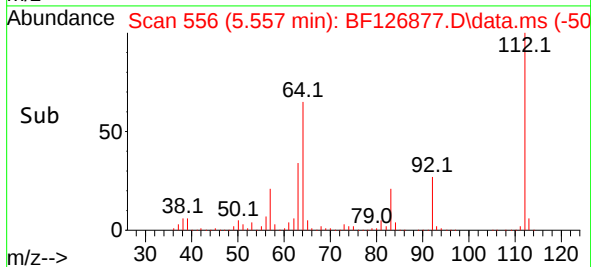
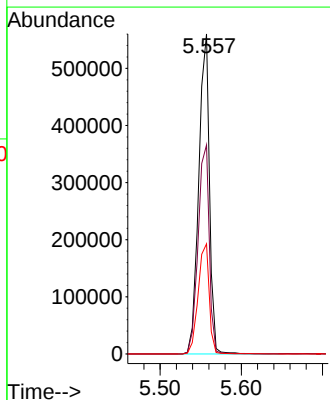
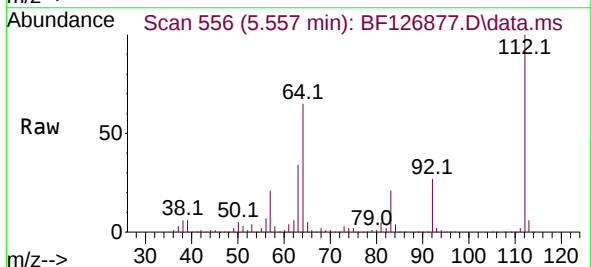
Instrument :
BNA_F
ClientSampleId :
20220067-097-21-SITE-WATER

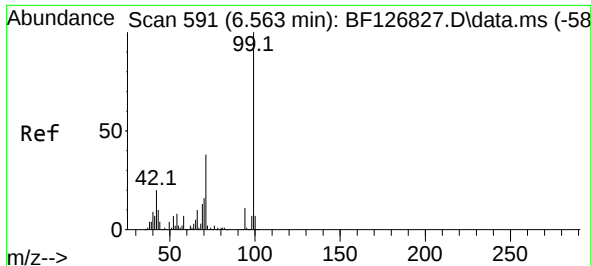
Tgt Ion:152 Resp: 112209
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 65.9 50.5 75.7



#5
2-Fluorophenol
Concen: 70.600 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion:112 Resp: 514529
Ion Ratio Lower Upper
112 100
64 65.3 54.3 81.5
63 34.4 27.5 41.3

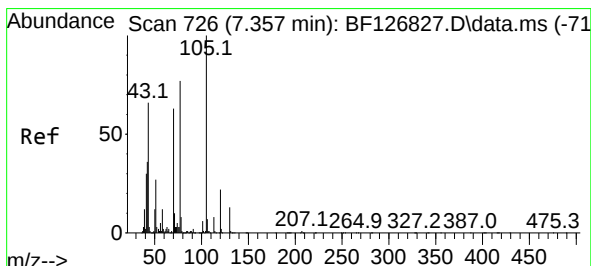
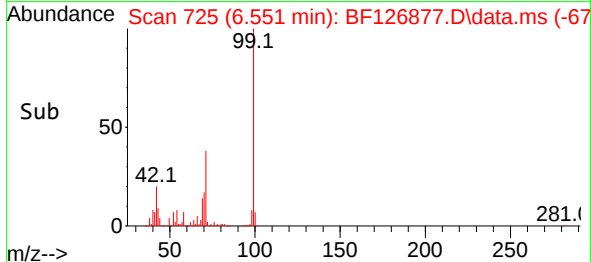
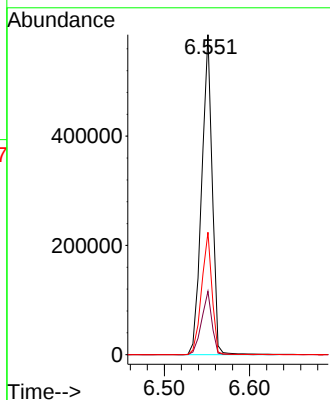
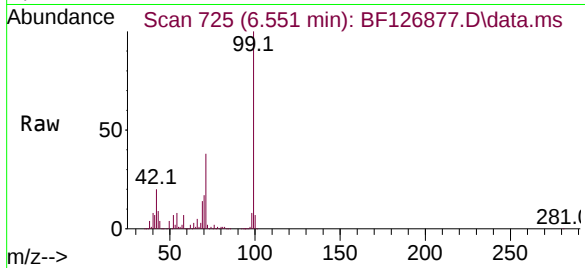




#7
Phenol-d6
Concen: 51.131 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

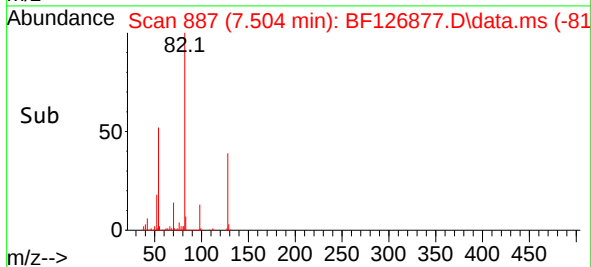
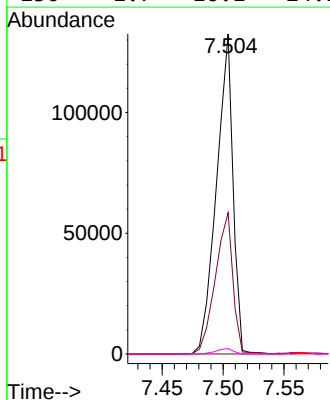
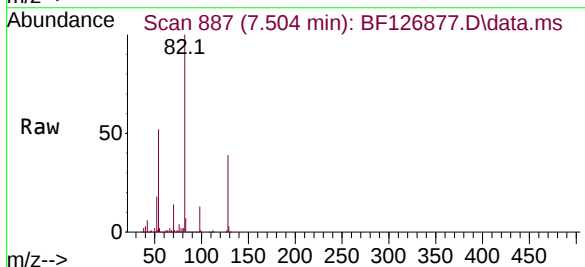
Instrument :
BNA_F
ClientSampleId :
20220067-097-21-SITE-WATER

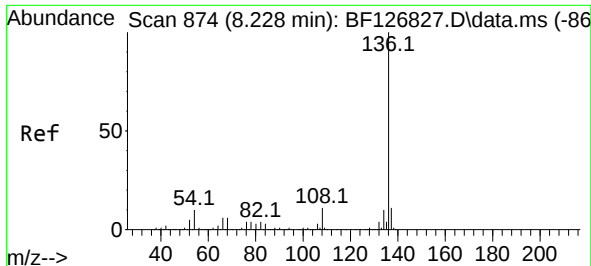
Tgt Ion: 99 Resp: 503058
Ion Ratio Lower Upper
99 100
42 19.8 15.8 23.6
71 38.2 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.176 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion: 70 Resp: 125702
Ion Ratio Lower Upper
70 100
42 44.2 46.3 69.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



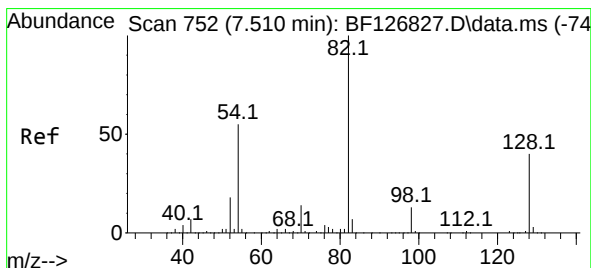
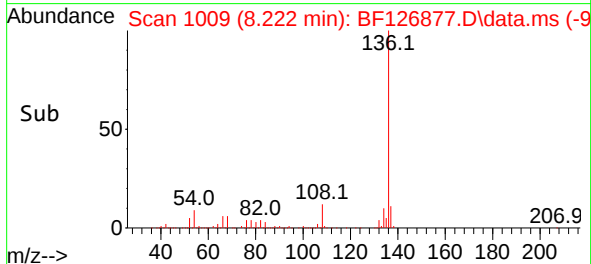
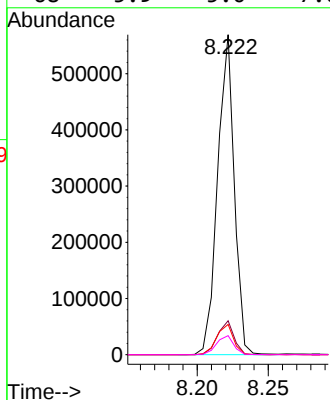
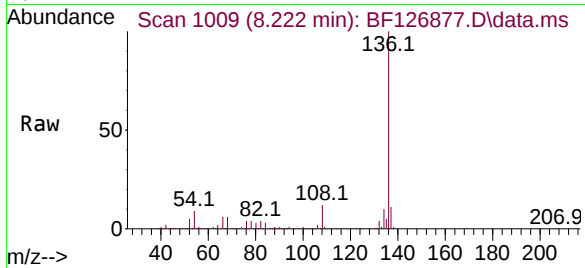


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Instrument :
BNA_F
ClientSampleId :
20220067-097-21-SITE-WATER

Tgt Ion:136 Resp: 463734

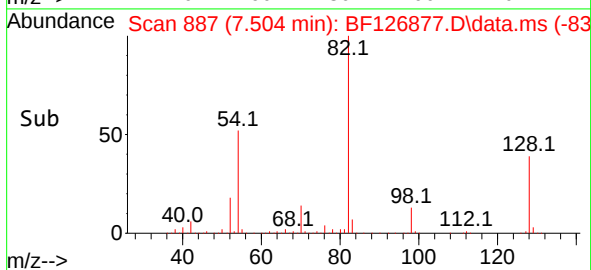
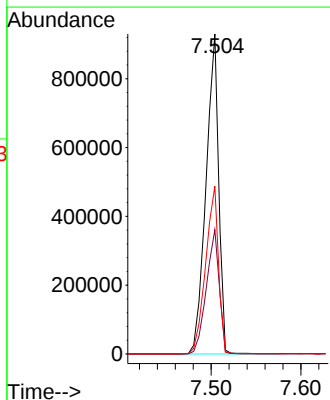
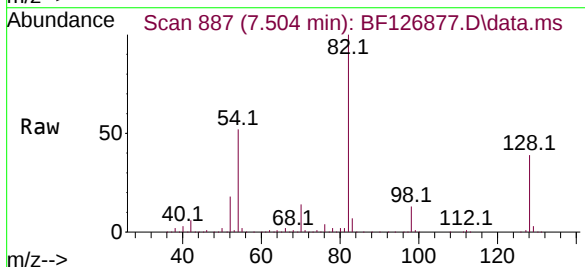
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.5	8.0	12.0
68	5.9	5.0	7.6

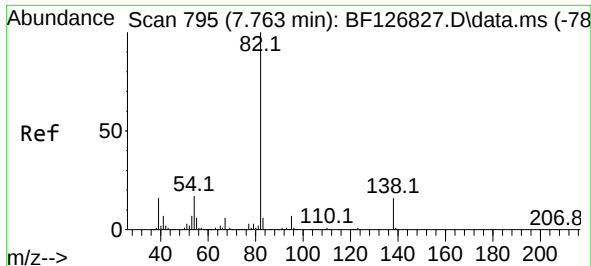


#23
Nitrobenzene-d5
Concen: 90.856 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion: 82 Resp: 913154

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.6	47.4
54	52.4	43.7	65.5

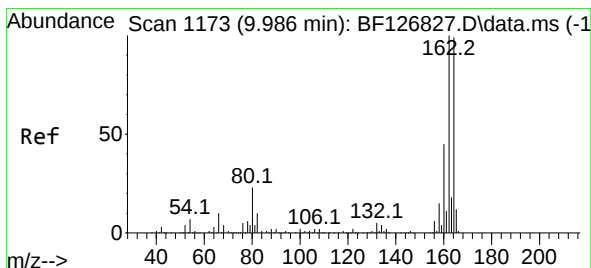
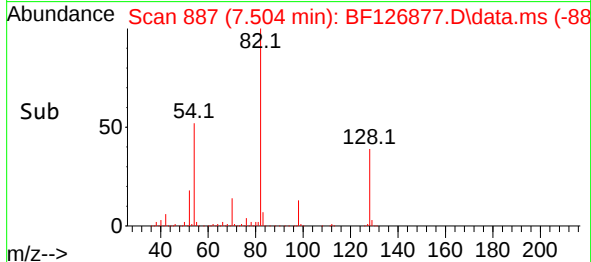
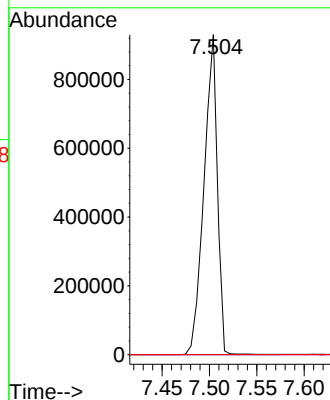
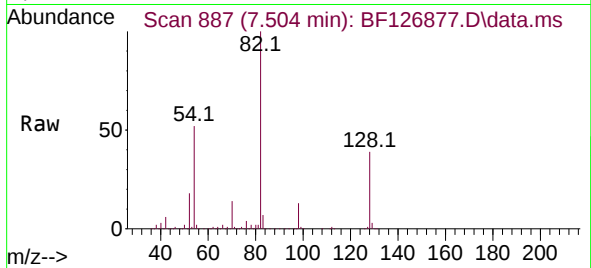




#25
Isophorone
Concen: 54.229 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

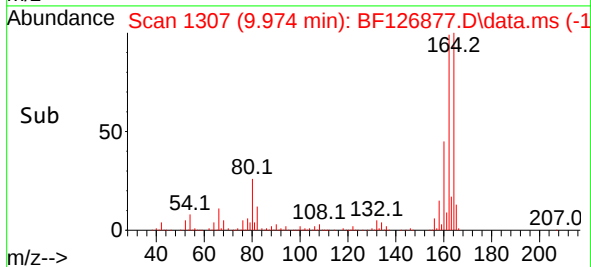
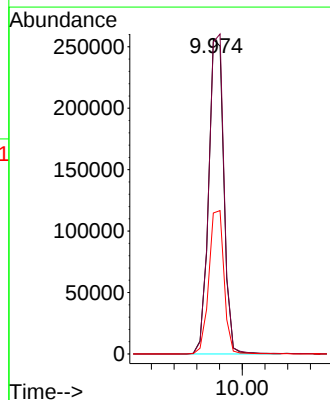
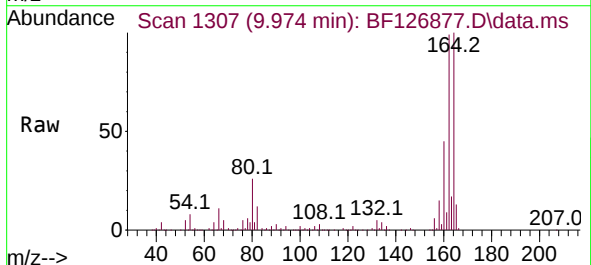
Instrument :
BNA_F
ClientSampleId :
20220067-097-21-SITE-WATER

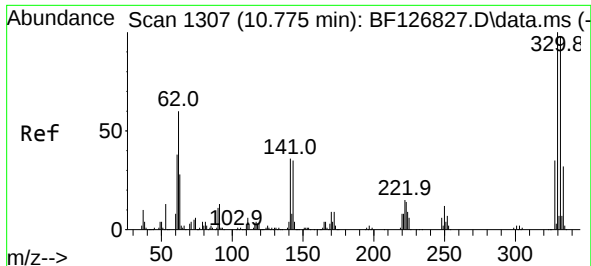
Tgt Ion: 82 Resp: 913146
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion: 164 Resp: 237000
Ion Ratio Lower Upper
164 100
162 99.1 80.9 121.3
160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 139.508 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126877.D

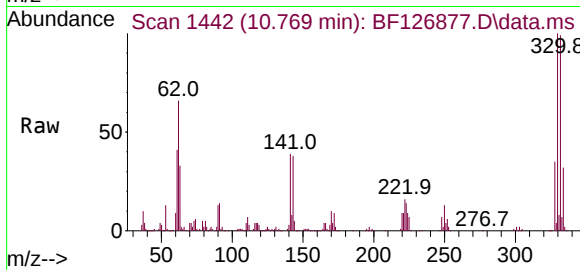
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Instrument :

BNA_F

ClientSampleId :

20220067-097-21-SITE-WATER



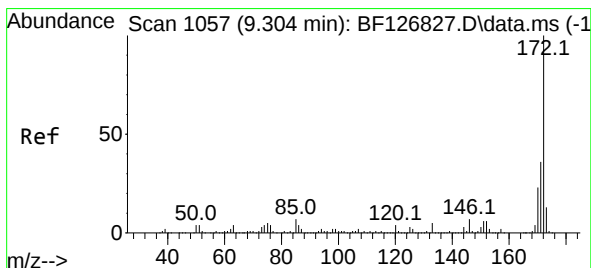
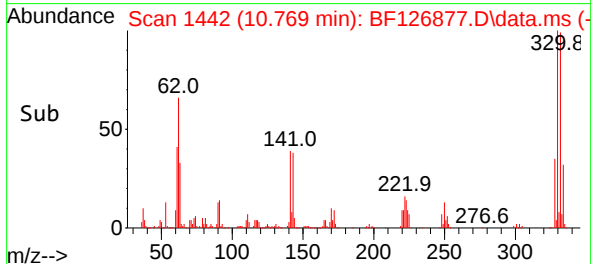
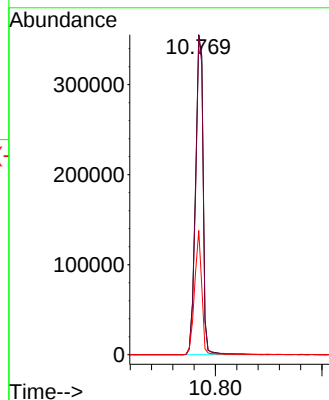
Tgt Ion:330 Resp: 354463

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.4

141 36.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 89.851 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126877.D

Acq: 14 Feb 2022 18:08

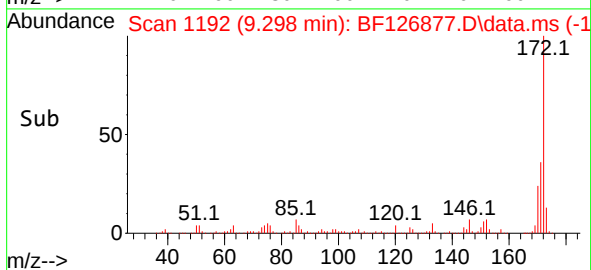
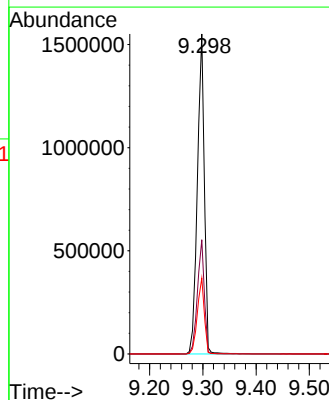
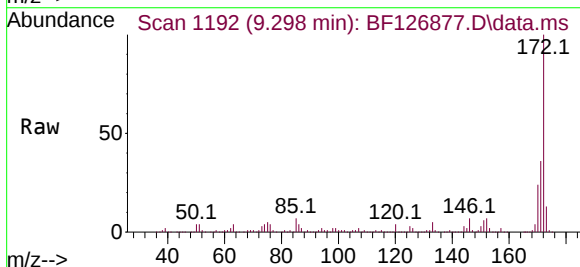
Tgt Ion:172 Resp: 1414657

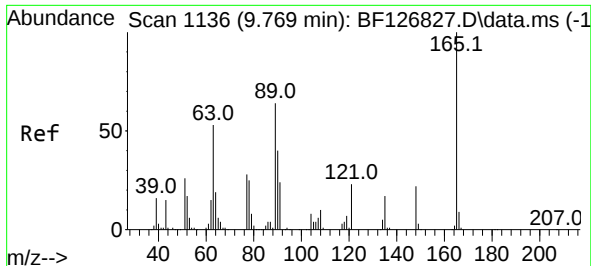
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.7 18.7 28.1

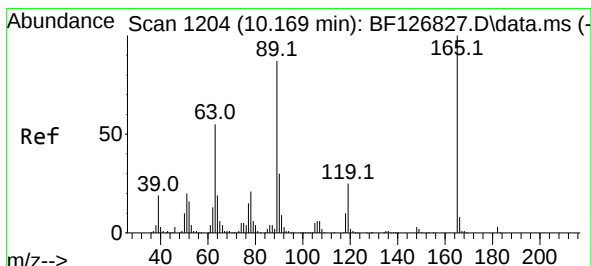
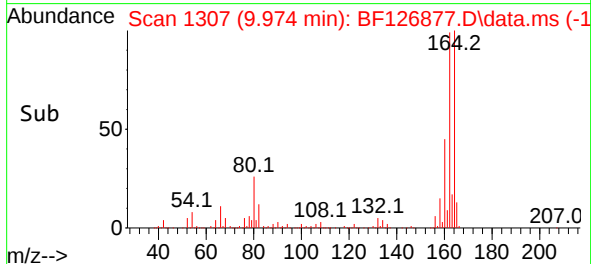
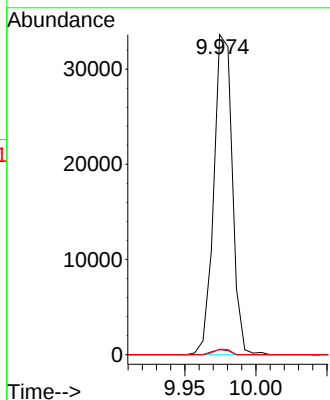
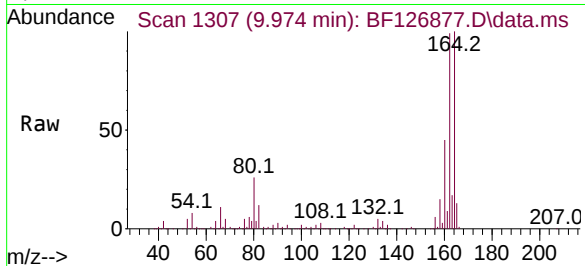




#51
2,6-Dinitrotoluene
Concen: 8.974 ng
RT: 9.974 min Scan# 1136
Delta R.T. 0.205 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

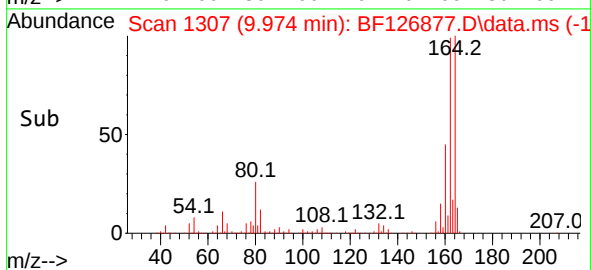
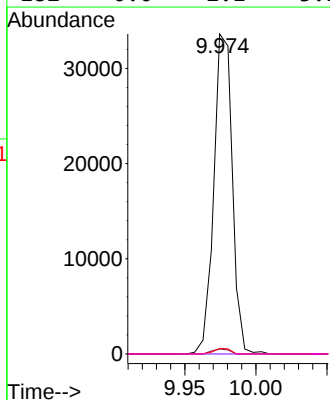
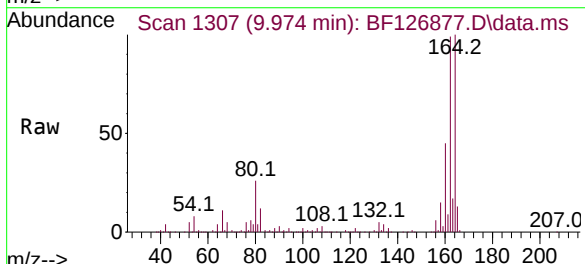
Instrument : BNA_F
ClientSampleId : 20220067-097-21-SITE-WATER

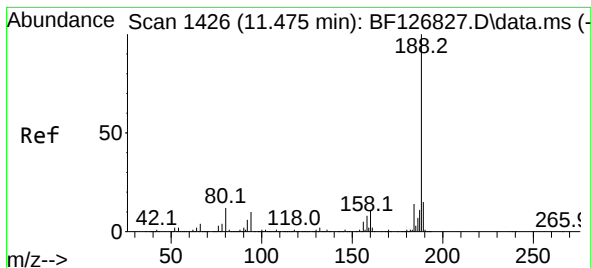
Tgt Ion:165 Resp: 30472
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.8 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion:165 Resp: 30472
Ion Ratio Lower Upper
165 100
63 1.5 43.9 65.9#
89 1.8 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: BF126877.D

Acq: 14 Feb 2022 18:08

Instrument :

BNA_F

ClientSampleId :

20220067-097-21-SITE-WATER

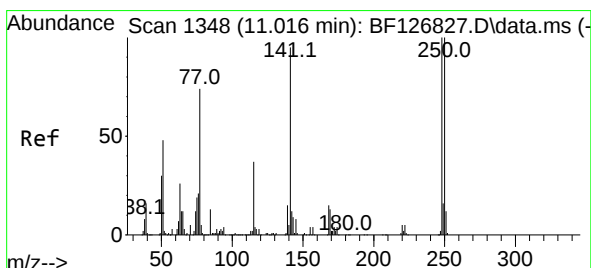
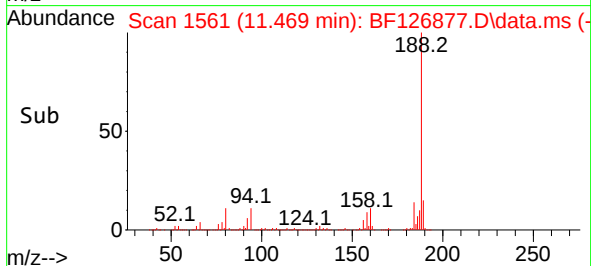
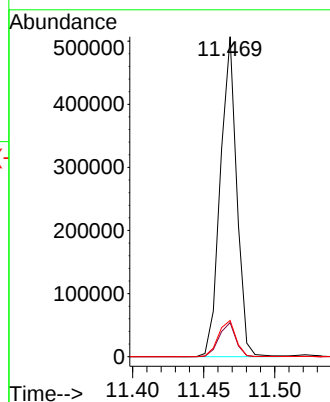
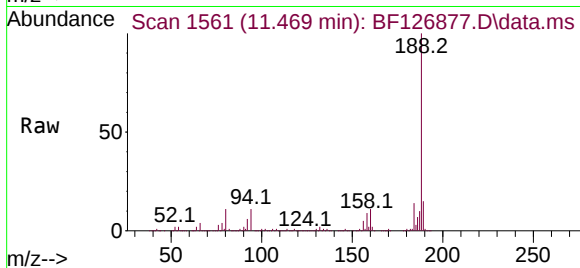
Tgt Ion:188 Resp: 407018

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 11.3 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 4.922 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126877.D

Acq: 14 Feb 2022 18:08

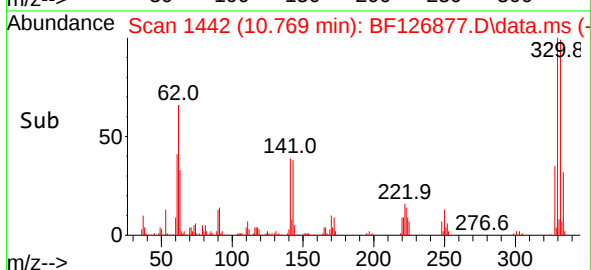
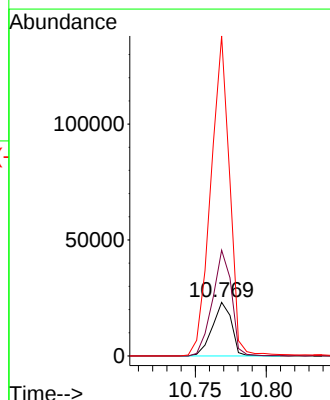
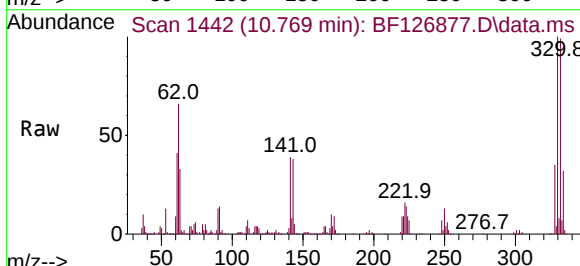
Tgt Ion:248 Resp: 21771

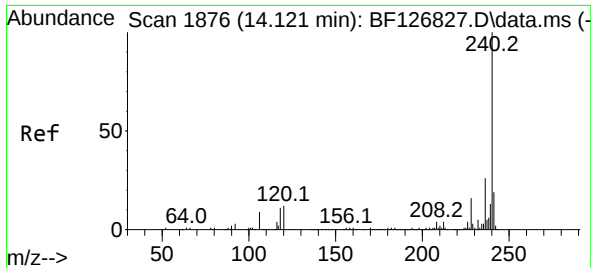
Ion Ratio Lower Upper

248 100

250 197.3 80.0 120.0#

141 596.6 75.6 113.4#

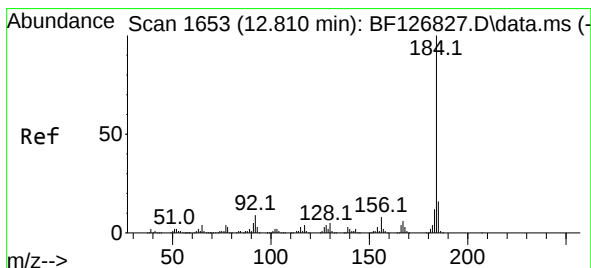
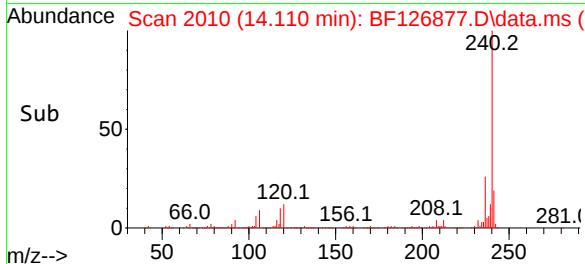
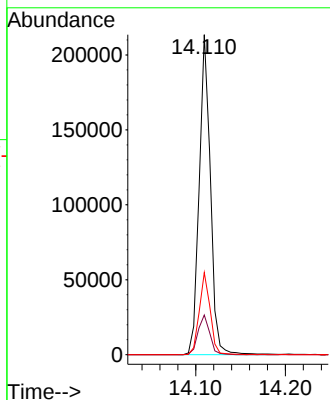
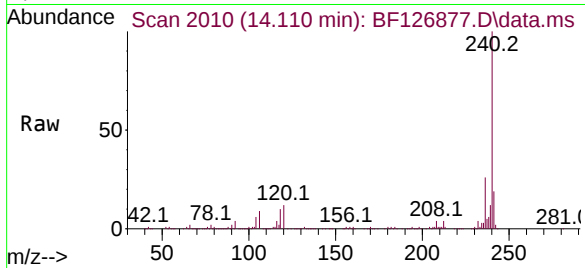




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

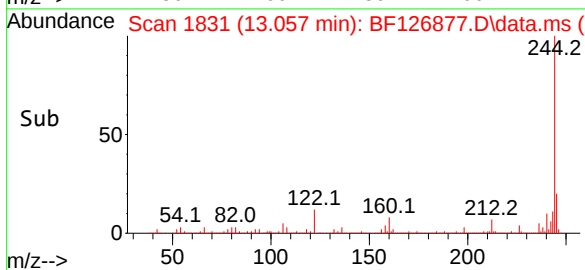
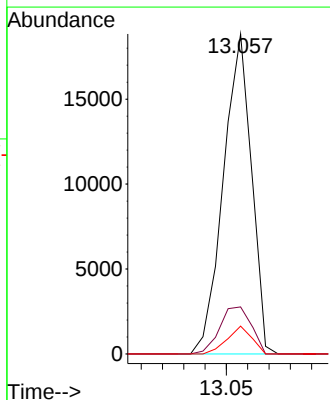
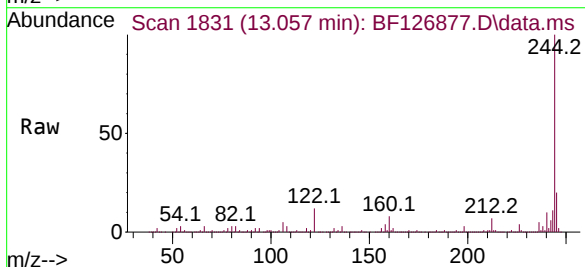
Instrument :
BNA_F
ClientSampleId :
20220067-097-21-SITE-WATER

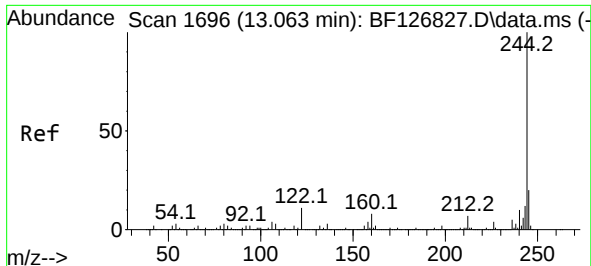
Tgt Ion:240 Resp: 185079
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.6
236 25.7 20.5 30.7



#77
Benzidine
Concen: 3.547 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126877.D
Acq: 14 Feb 2022 18:08

Tgt Ion:184 Resp: 17275
Ion Ratio Lower Upper
184 100
185 14.7 12.5 18.7
183 8.7 9.6 14.4#

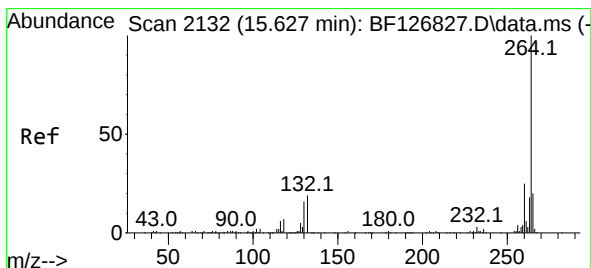
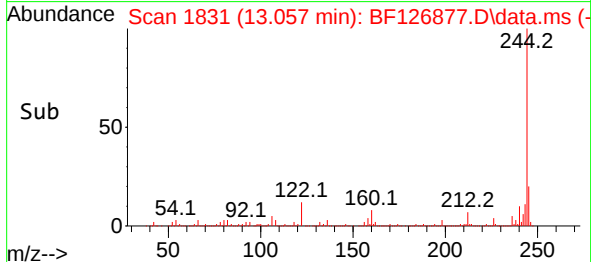
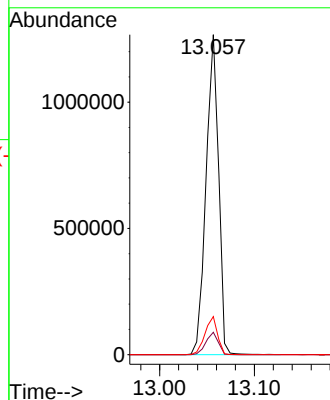
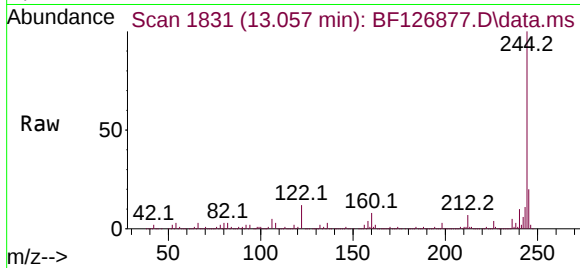




#79
 Terphenyl-d14
 Concen: 90.013 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126877.D
 Acq: 14 Feb 2022 18:08

Instrument :
 BNA_F
 ClientSampleId :
 20220067-097-21-SITE-WATER

Tgt Ion:244 Resp: 1162095
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.9 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: BF126877.D
 Acq: 14 Feb 2022 18:08

Tgt Ion:264 Resp: 191958
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.2 15.9 23.9

