

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126878.D
 Acq On : 14 Feb 2022 18:35
 Operator : CG\JU
 Sample : N1513-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220068-098-21-SITE-WATER

Quant Time: Feb 15 01:01:27 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)

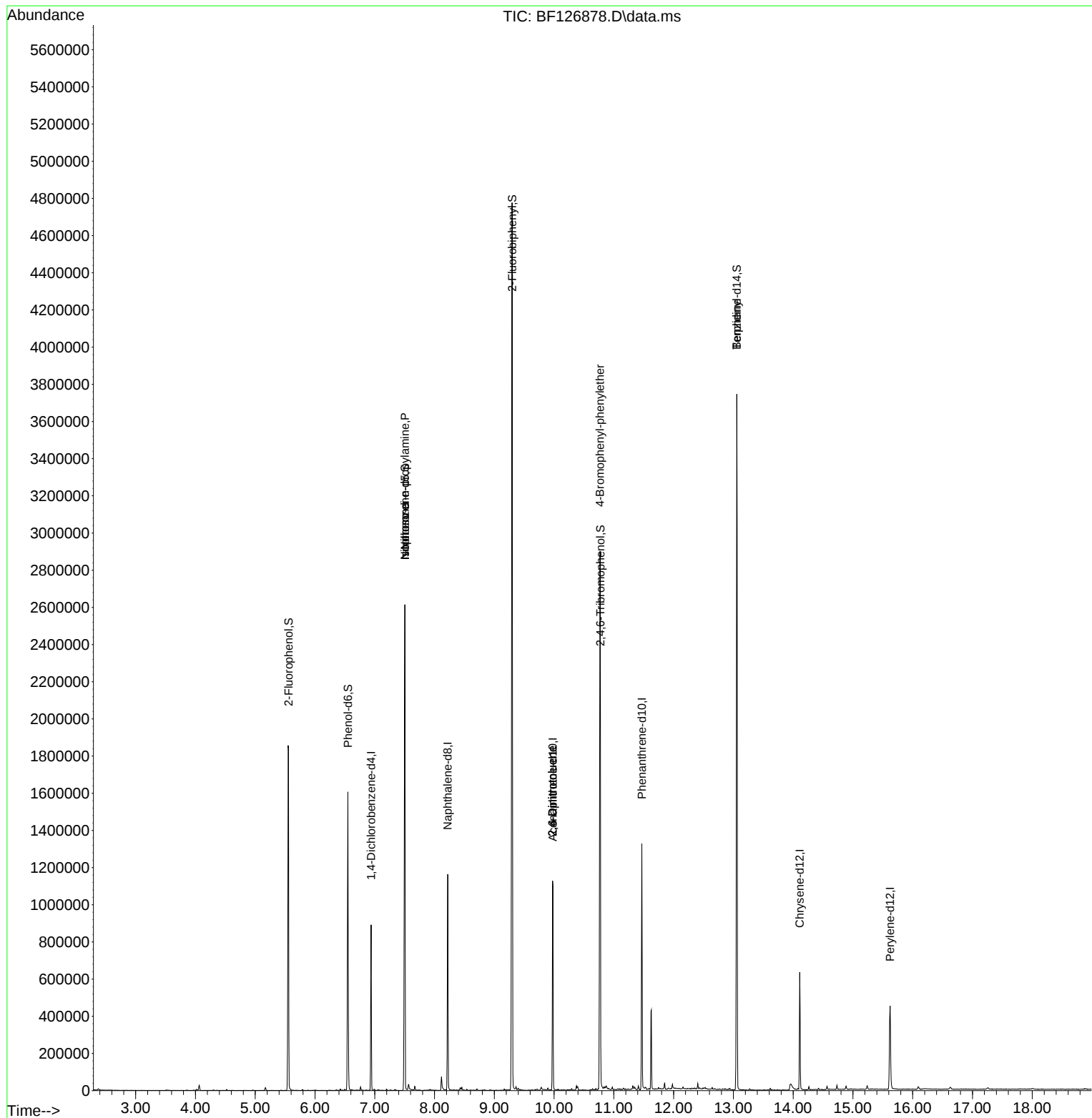
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	109078	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	438700	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	228412	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	412621	20.000	ng	0.00
76) Chrysene-d12	14.110	240	195006	20.000	ng	-0.01
86) Perylene-d12	15.621	264	195845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	482553	68.113	ng	0.00
7) Phenol-d6	6.551	99	464198	48.536	ng	-0.01
23) Nitrobenzene-d5	7.504	82	854952	89.919	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	345180	140.962	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1361584	89.731	ng	0.00
79) Terphenyl-d14	13.057	244	1256839	92.396	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	115456	19.063	ng	# 79
25) Isophorone	7.504	82	854938	53.669	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	28827	8.809	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	28827	6.663	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	20932	4.668	ng	# 1
77) Benzidine	13.057	184	18735	3.651	ng	# 92

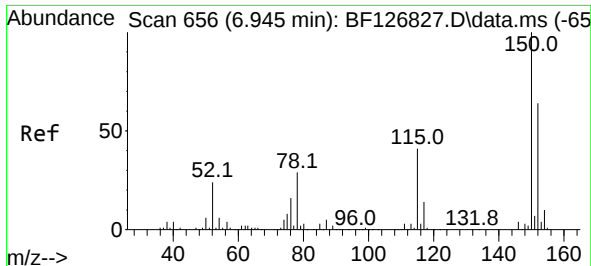
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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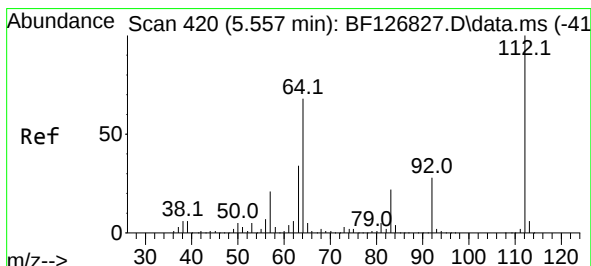
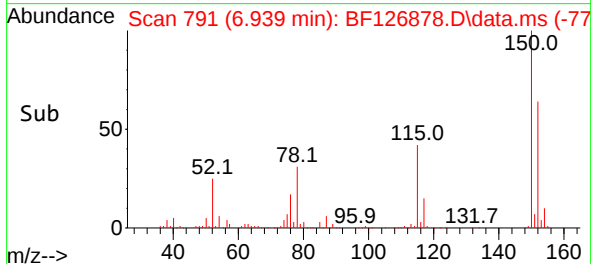
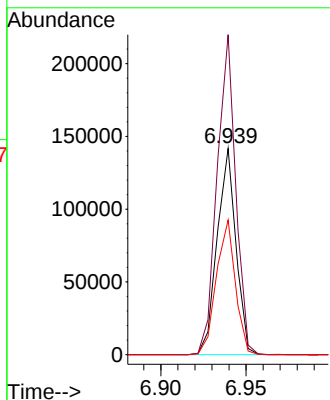
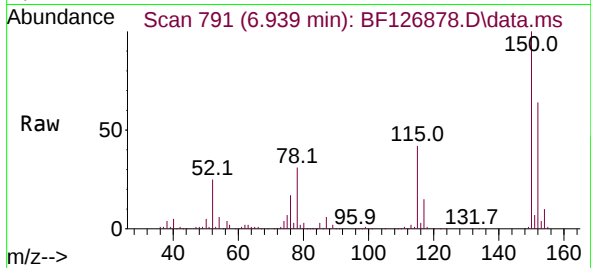




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

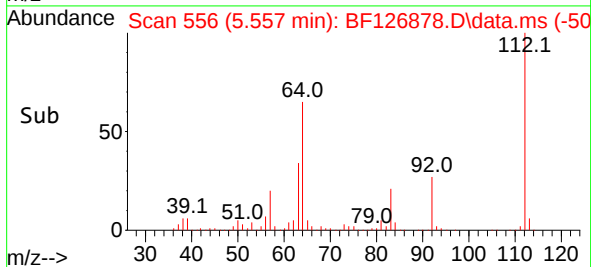
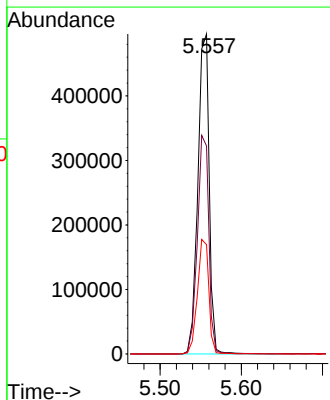
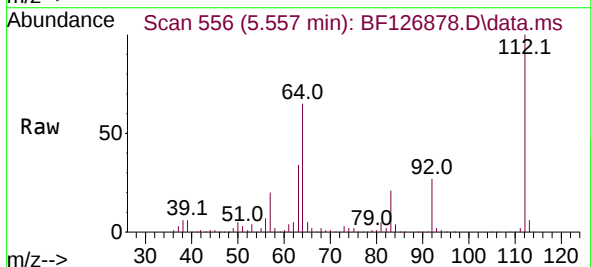
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

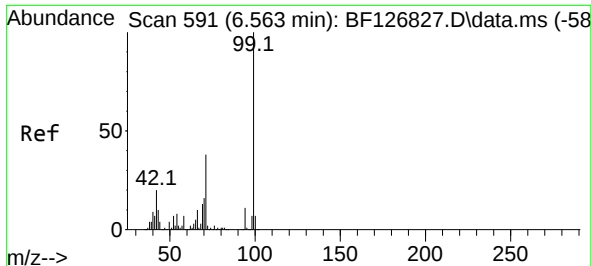
Tgt Ion:152 Resp: 109078
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 65.3 50.5 75.7



#5
2-Fluorophenol
Concen: 68.113 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion:112 Resp: 482553
Ion Ratio Lower Upper
112 100
64 65.0 54.3 81.5
63 34.2 27.5 41.3

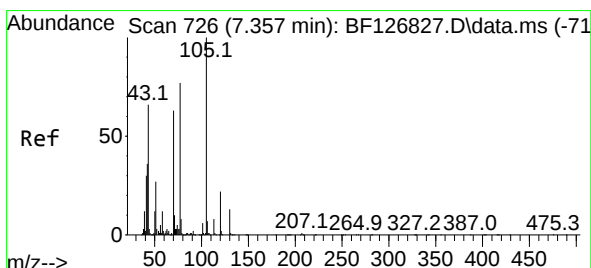
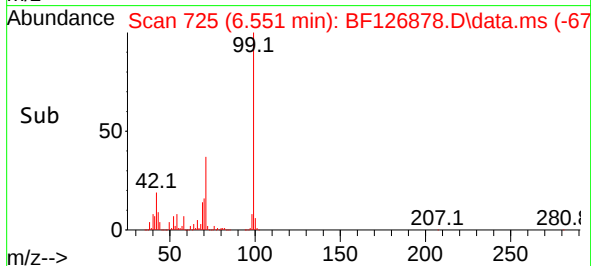
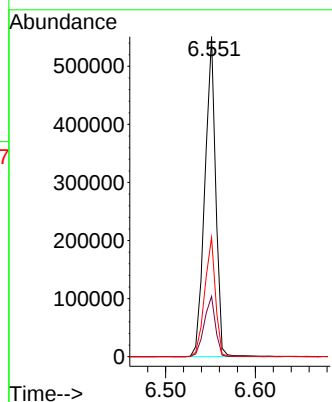
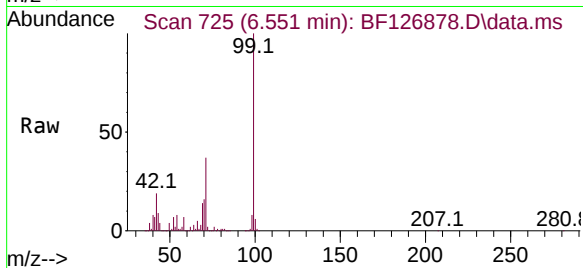




#7
Phenol-d6
Concen: 48.536 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

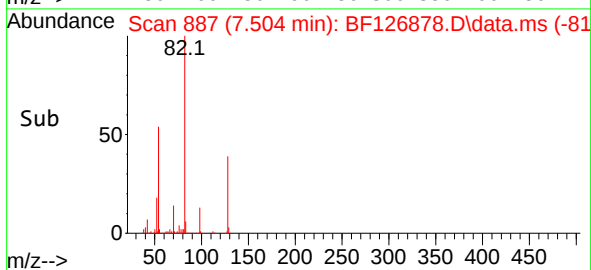
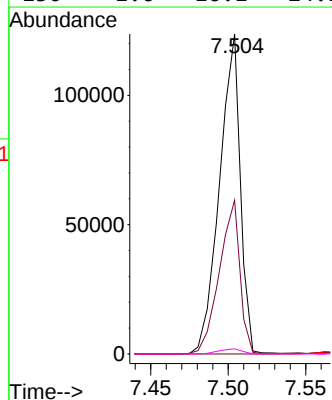
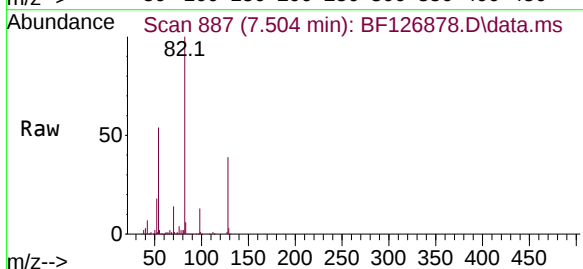
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

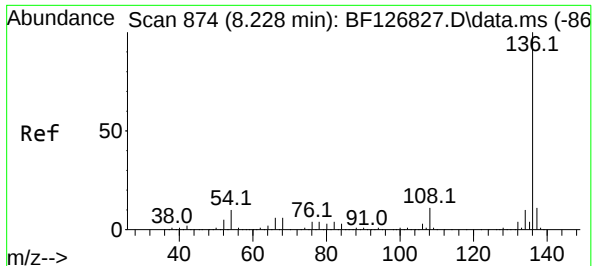
Tgt Ion: 99 Resp: 464198
Ion Ratio Lower Upper
99 100
42 18.8 15.8 23.6
71 37.3 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.063 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion: 70 Resp: 115456
Ion Ratio Lower Upper
70 100
42 48.1 46.3 69.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



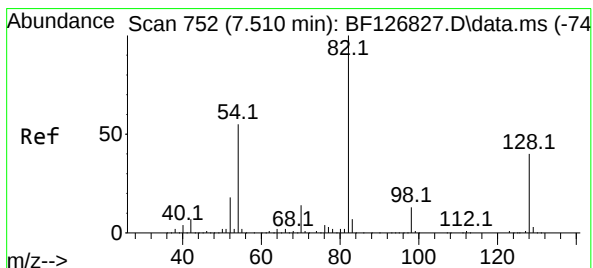
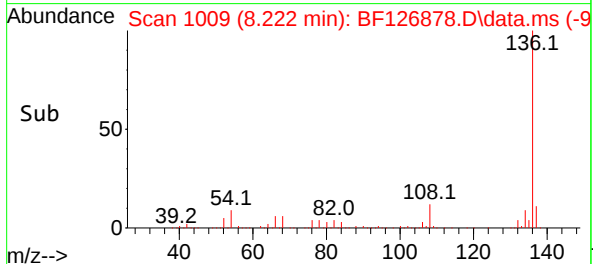
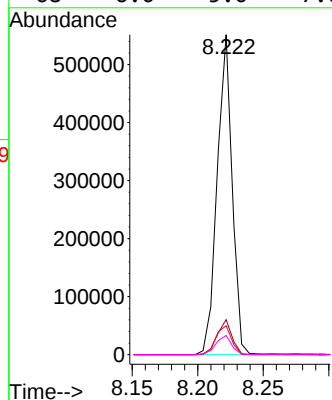
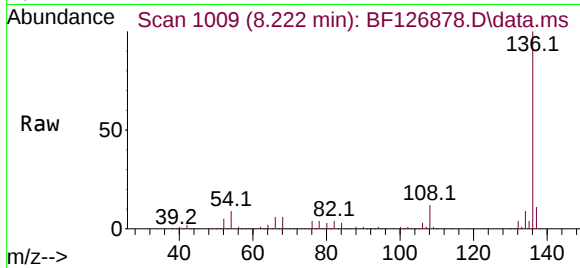


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

Tgt Ion:136 Resp: 438700

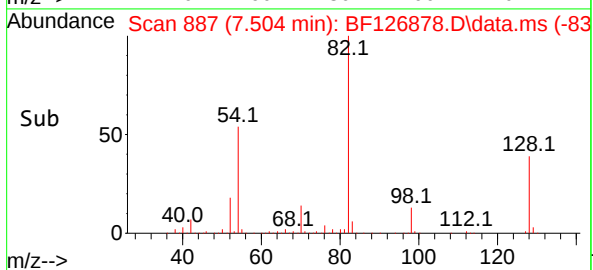
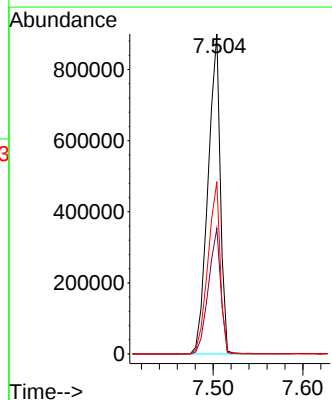
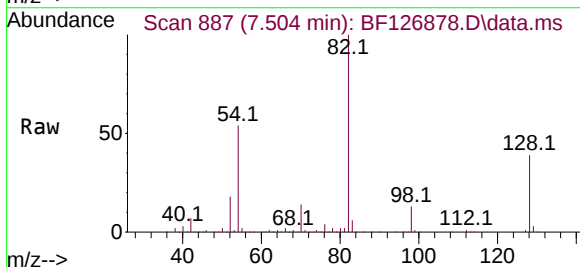
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.1	8.0	12.0
68	6.0	5.0	7.6

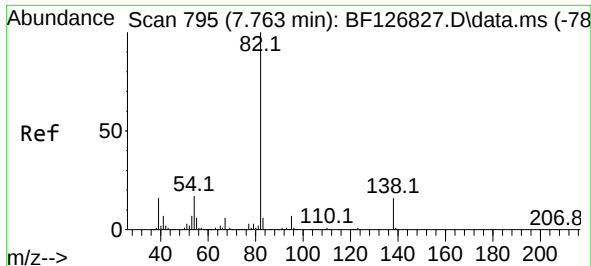


#23
Nitrobenzene-d5
Concen: 89.919 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion: 82 Resp: 854952

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.6	47.4
54	53.8	43.7	65.5

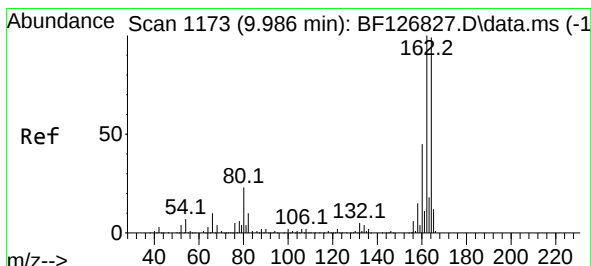
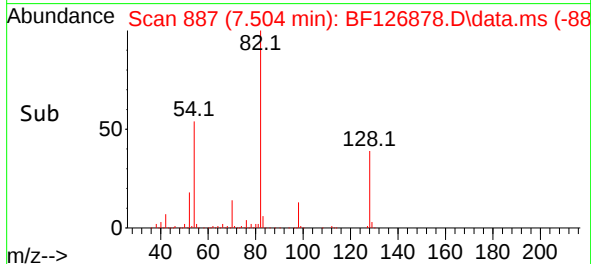
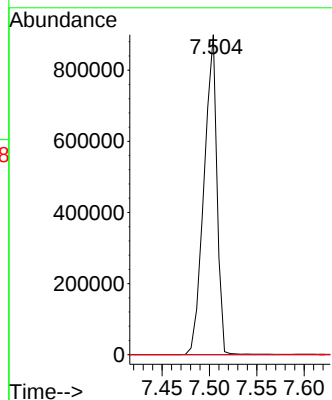
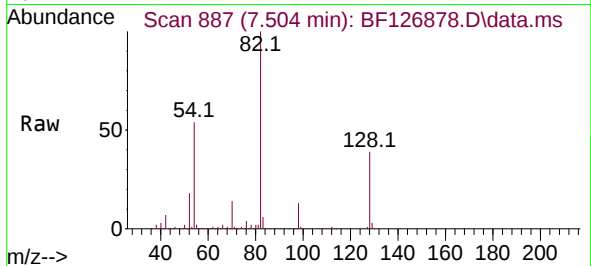




#25
Isophorone
Concen: 53.669 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

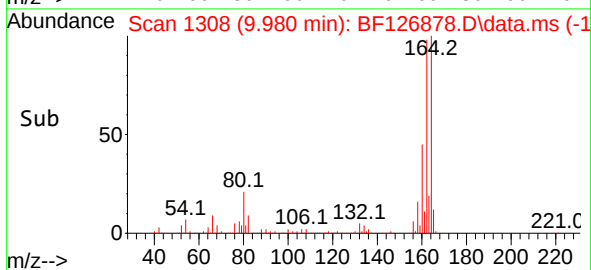
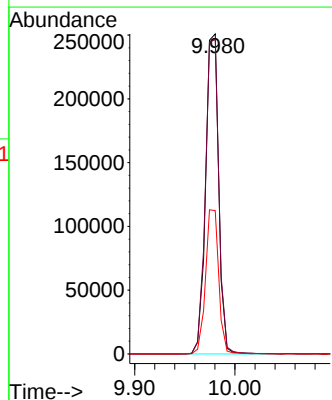
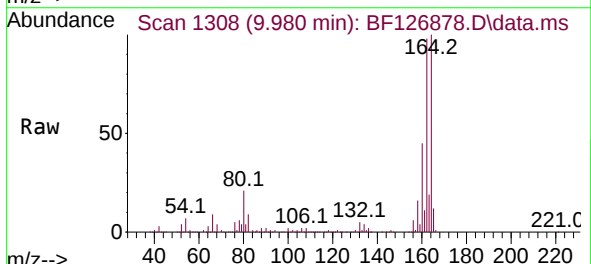
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

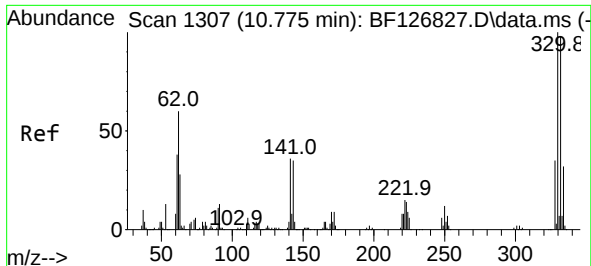
Tgt Ion: 82 Resp: 854938
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

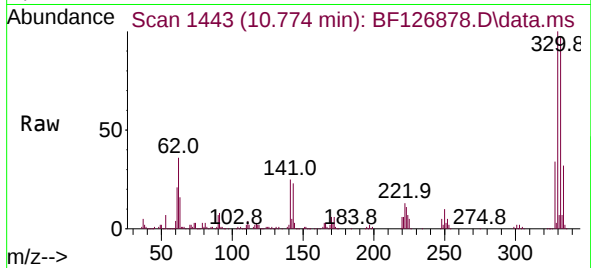
Tgt Ion: 164 Resp: 228412
Ion Ratio Lower Upper
164 100
162 98.3 80.9 121.3
160 44.8 36.0 54.0



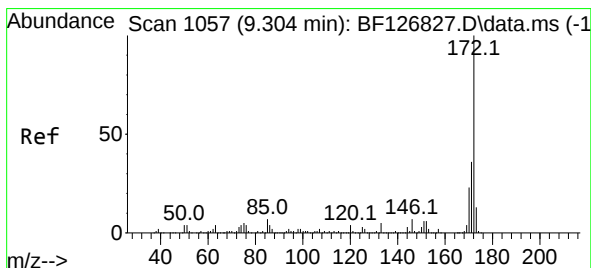
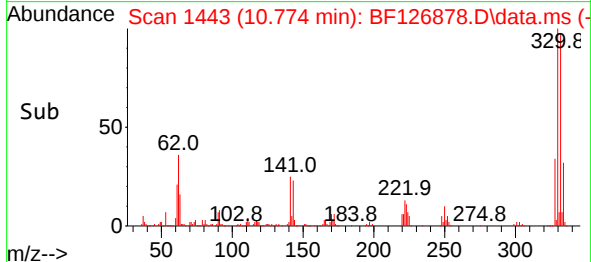
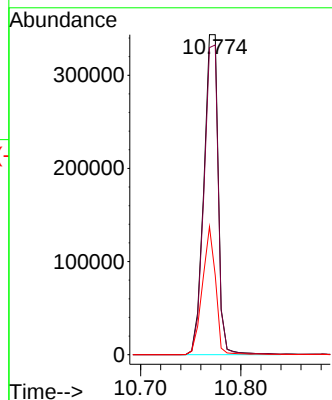


#42
2,4,6-Tribromophenol
Concen: 140.962 ng
RT: 10.774 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

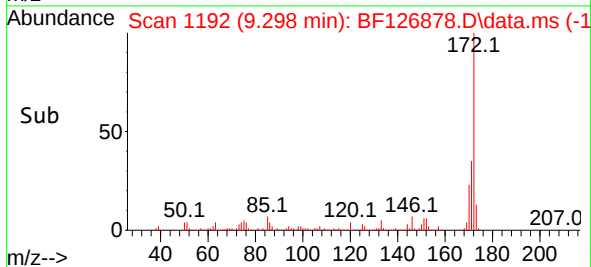
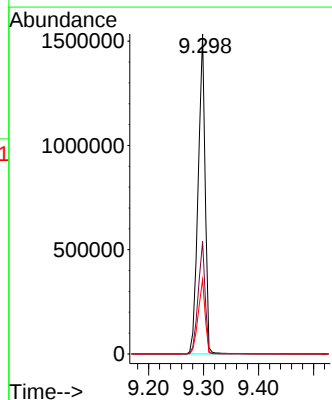
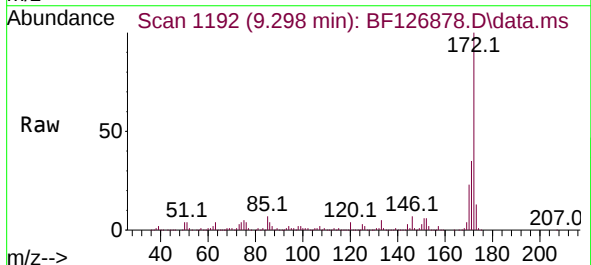


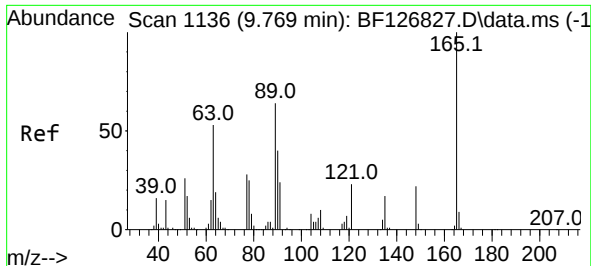
Tgt Ion:330 Resp: 345180
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 36.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 89.731 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion:172 Resp: 1361584
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.3 18.7 28.1

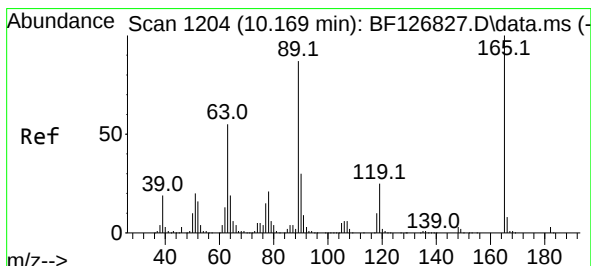
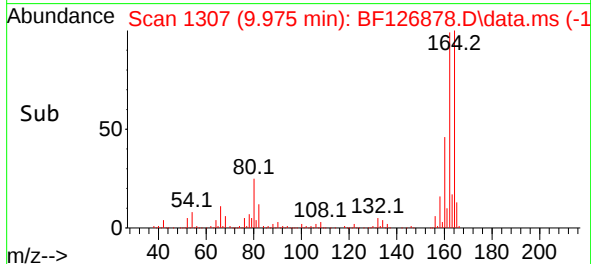
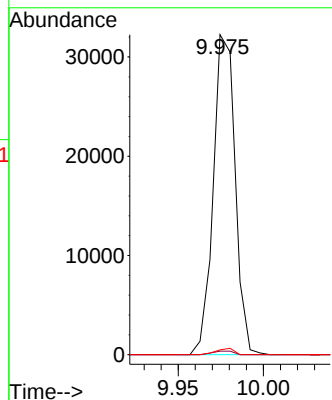
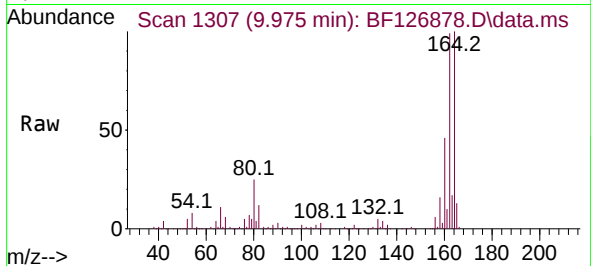




#51
2,6-Dinitrotoluene
Concen: 8.809 ng
RT: 9.975 min Scan# 1136
Delta R.T. 0.206 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

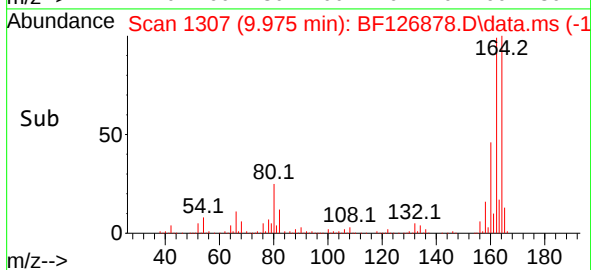
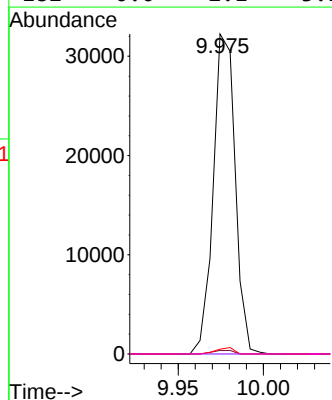
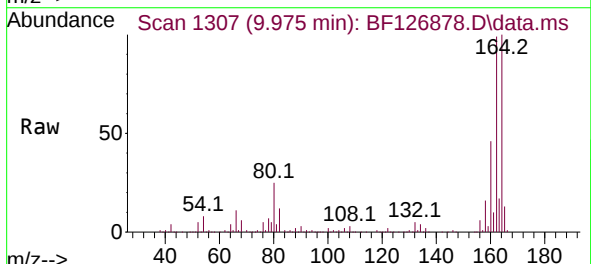
Instrument :
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ClientSampleId :
20220068-098-21-SITE-WATER

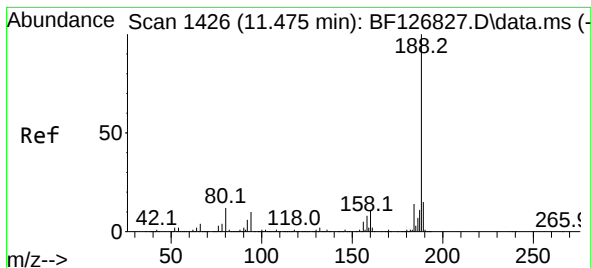
Tgt Ion:165 Resp: 28827
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.5 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion:165 Resp: 28827
Ion Ratio Lower Upper
165 100
63 1.1 43.9 65.9#
89 1.5 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: BF126878.D

Acq: 14 Feb 2022 18:35

Instrument :

BNA_F

ClientSampleId :

20220068-098-21-SITE-WATER

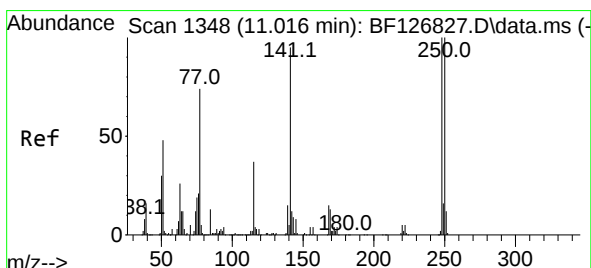
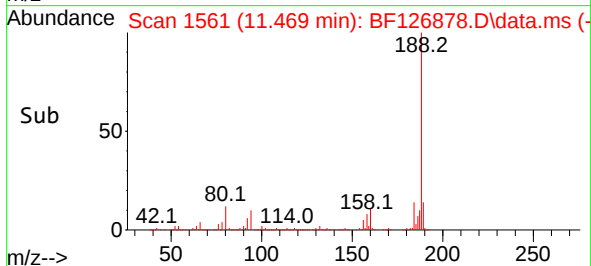
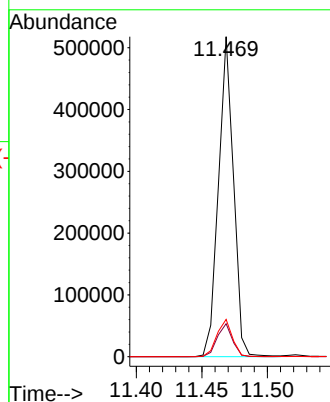
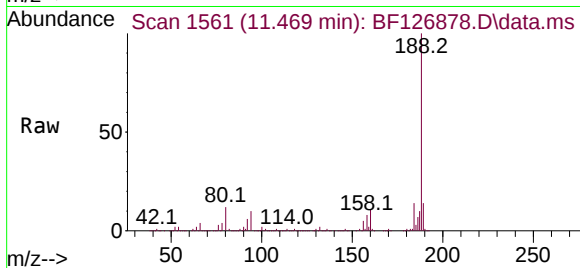
Tgt Ion:188 Resp: 412621

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.7 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 4.668 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126878.D

Acq: 14 Feb 2022 18:35

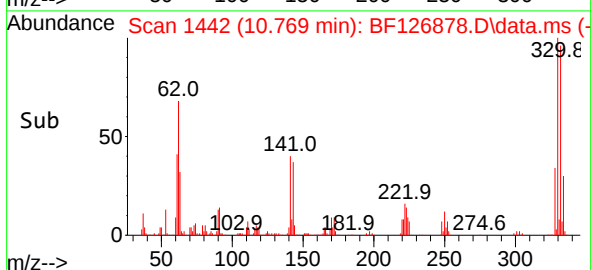
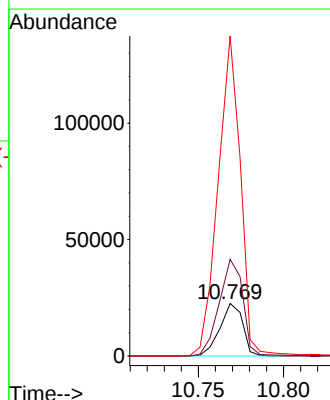
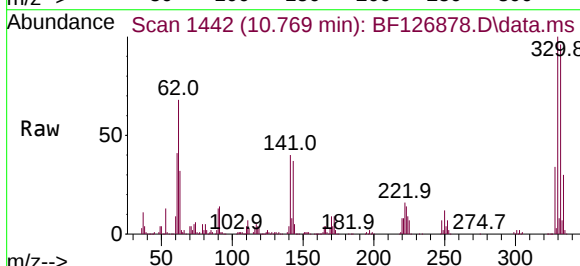
Tgt Ion:248 Resp: 20932

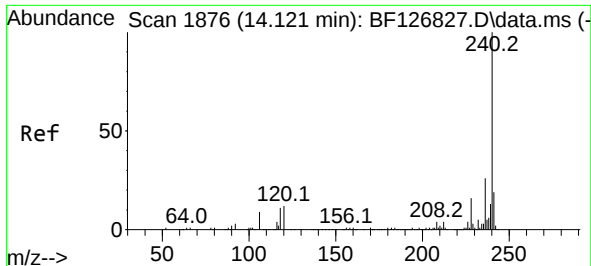
Ion Ratio Lower Upper

248 100

250 184.1 80.0 120.0#

141 609.9 75.6 113.4#

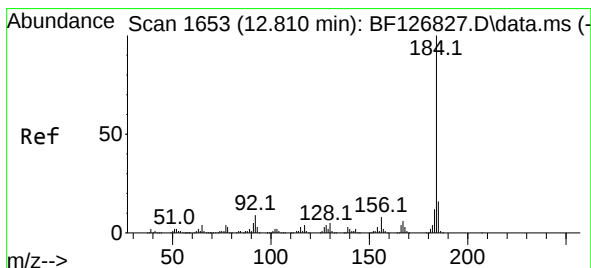
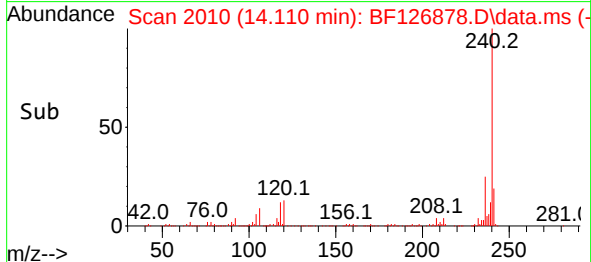
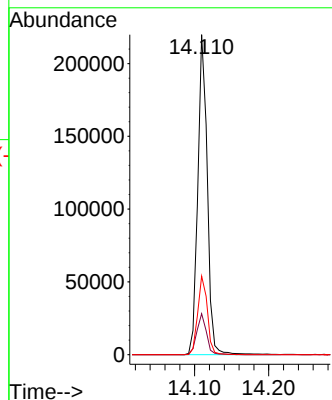
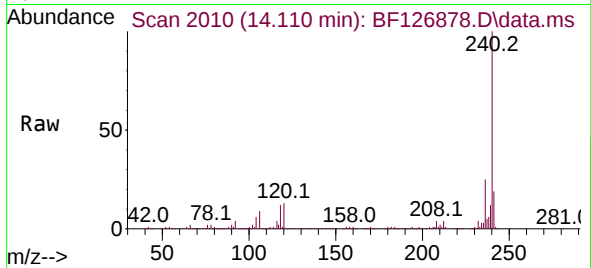




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

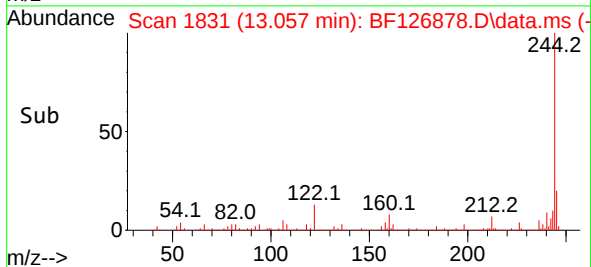
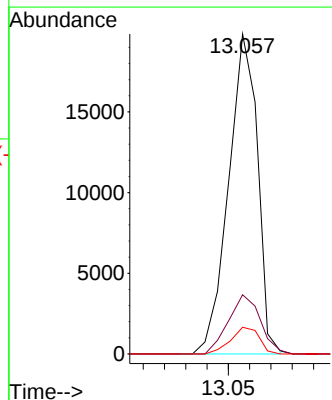
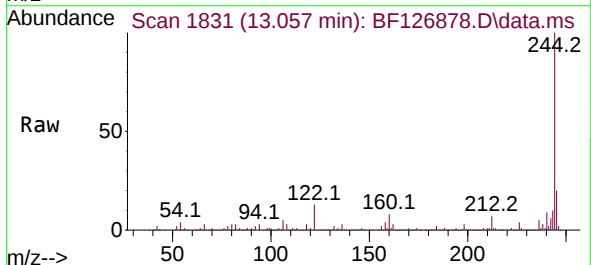
Instrument :
BNA_F
ClientSampleId :
20220068-098-21-SITE-WATER

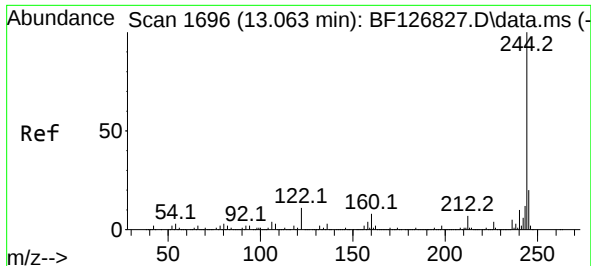
Tgt Ion:240 Resp: 195006
Ion Ratio Lower Upper
240 100
120 12.8 9.8 14.6
236 24.6 20.5 30.7



#77
Benzidine
Concen: 3.651 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126878.D
Acq: 14 Feb 2022 18:35

Tgt Ion:184 Resp: 18735
Ion Ratio Lower Upper
184 100
185 18.5 12.5 18.7
183 8.4 9.6 14.4#

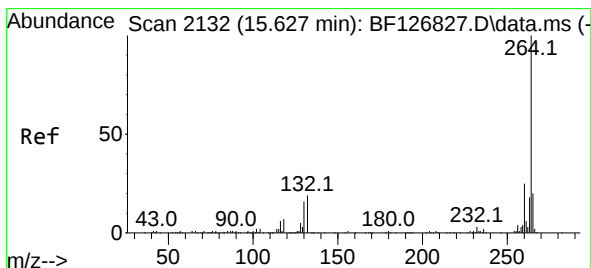
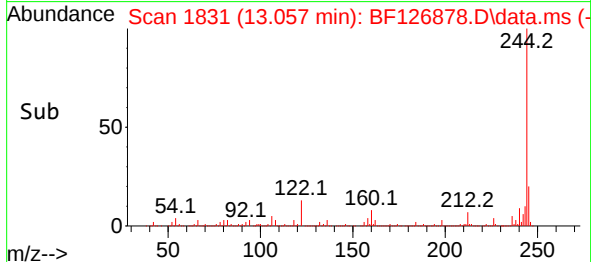
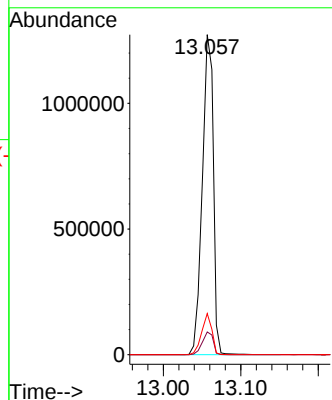
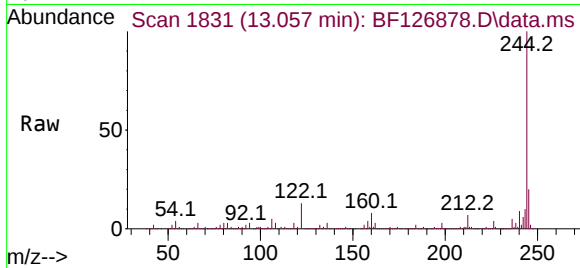




#79
 Terphenyl-d14
 Concen: 92.396 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126878.D
 Acq: 14 Feb 2022 18:35

Instrument :
 BNA_F
 ClientSampleId :
 20220068-098-21-SITE-WATER

Tgt Ion:244 Resp: 1256839
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.9 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: BF126878.D
 Acq: 14 Feb 2022 18:35

Tgt Ion:264 Resp: 195845
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.0 15.9 23.9

