

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126876.D
 Acq On : 14 Feb 2022 17:40
 Operator : CG\JU
 Sample : N1513-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220066-096-21-SITE-WATER

Quant Time: Feb 15 01:00:51 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)

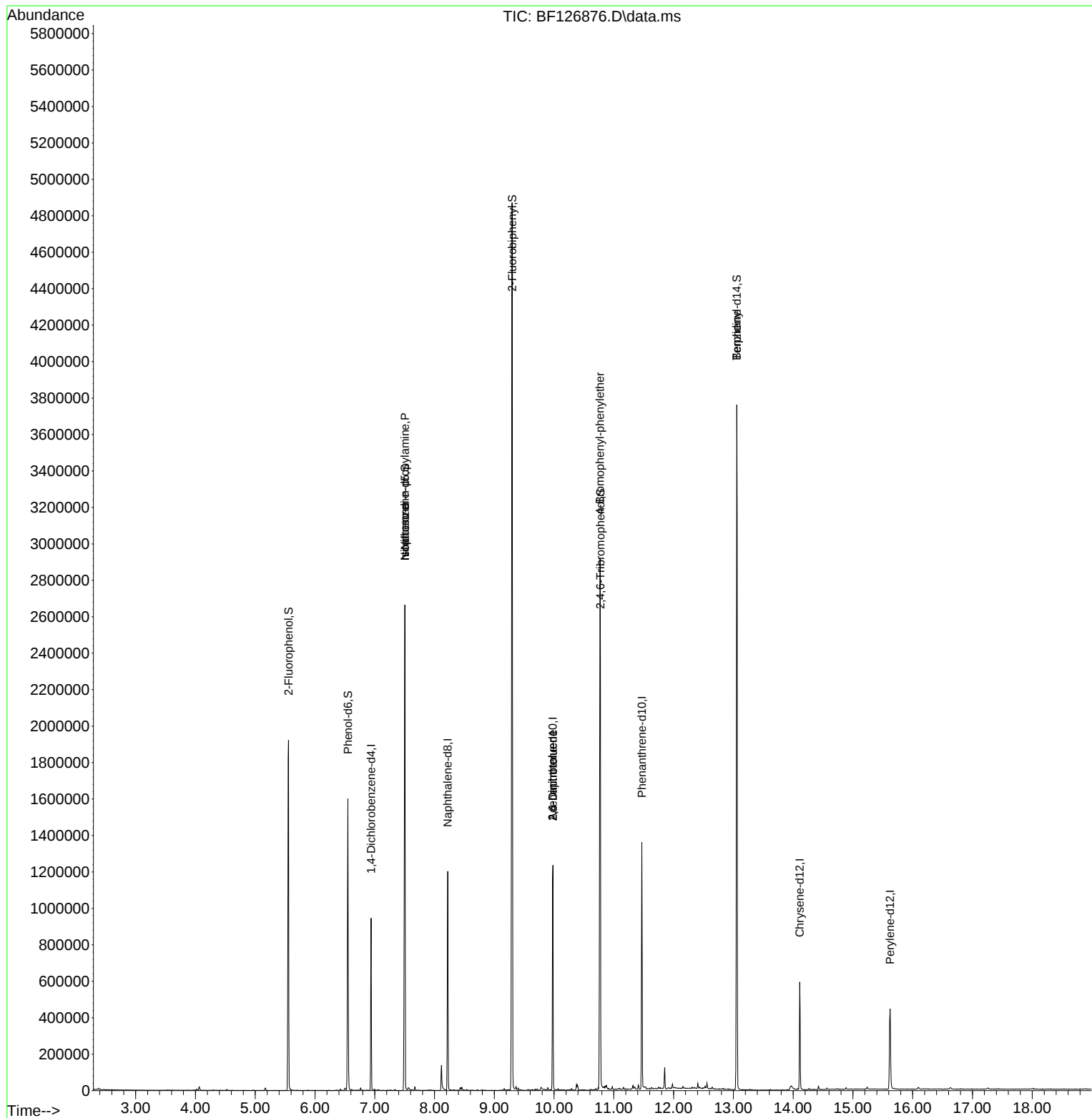
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	113648	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	456842	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	239289	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	419474	20.000	ng	0.00
76) Chrysene-d12	14.109	240	188042	20.000	ng	-0.01
86) Perylene-d12	15.621	264	192451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	483162	65.457	ng	0.00
7) Phenol-d6	6.551	99	466316	46.796	ng	-0.01
23) Nitrobenzene-d5	7.504	82	896456	90.540	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	355751	138.675	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1399653	88.047	ng	0.00
79) Terphenyl-d14	13.057	244	1287838	98.181	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	122994	19.491	ng	# 77
25) Isophorone	7.504	82	896444	54.040	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	30962	9.031	ng	# 20
57) 2,4-Dinitrotoluene	9.980	165	30962	6.831	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	21269	4.666	ng	# 1
77) Benzidine	13.057	184	19188	3.878	ng	# 94

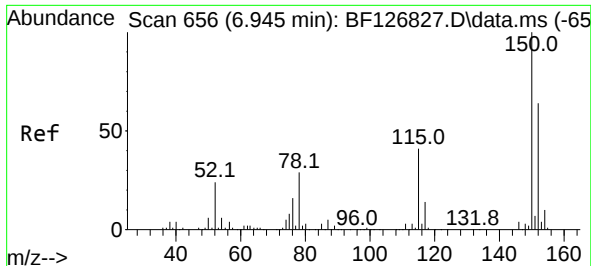
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
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ALS Vial : 11 Sample Multiplier: 1

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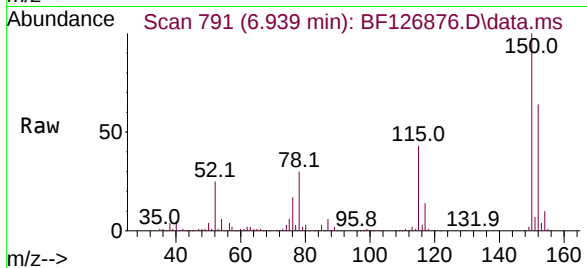
Quant Time: Feb 15 01:00:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 10 00:44:00 2022
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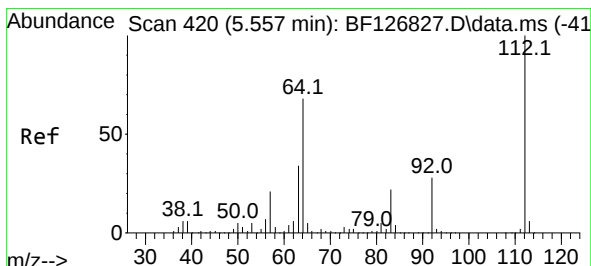
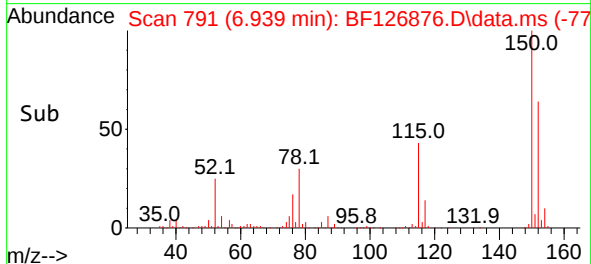
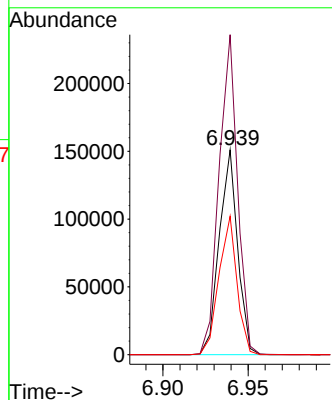


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Instrument :
BNA_F
ClientSampleId :
20220066-096-21-SITE-WATER

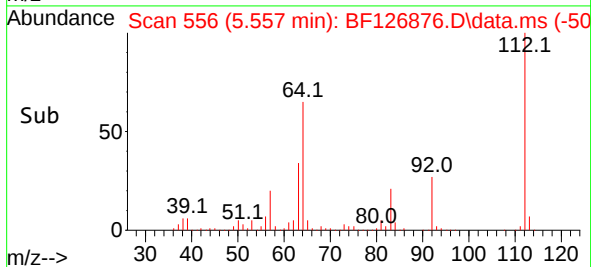
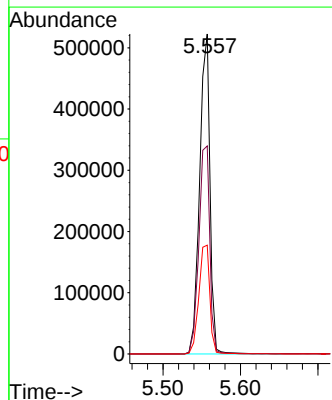
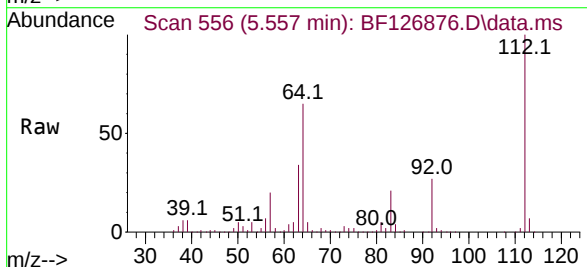


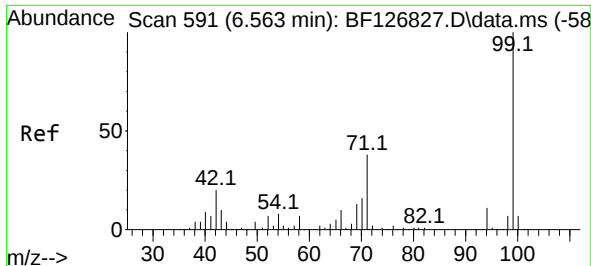
Tgt Ion:152 Resp: 113648
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 67.5 50.5 75.7



#5
2-Fluorophenol
Concen: 65.457 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.000 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion:112 Resp: 483162
Ion Ratio Lower Upper
112 100
64 65.0 54.3 81.5
63 34.0 27.5 41.3

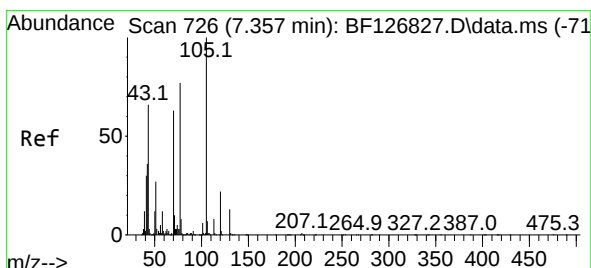
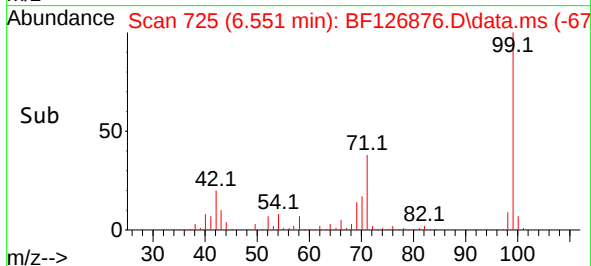
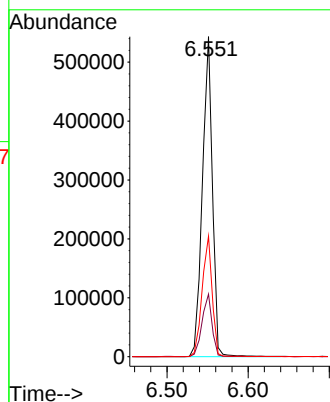
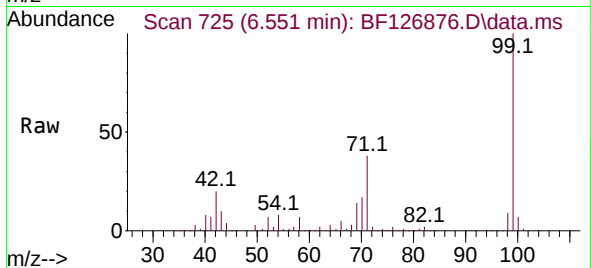




#7
Phenol-d6
Concen: 46.796 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

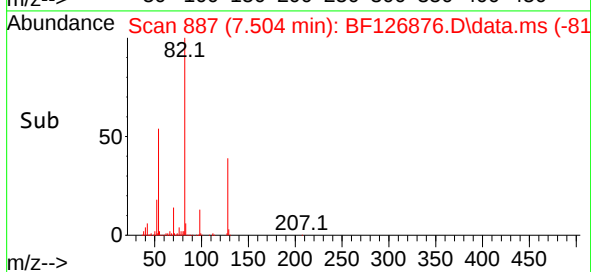
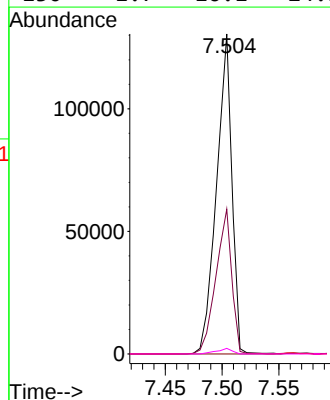
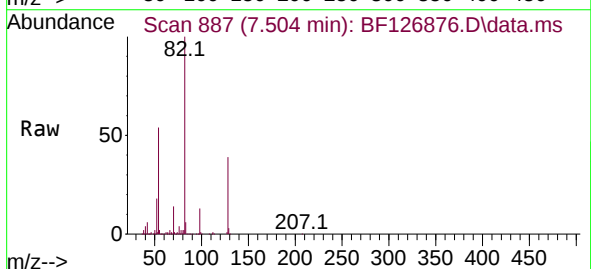
Instrument :
BNA_F
ClientSampleId :
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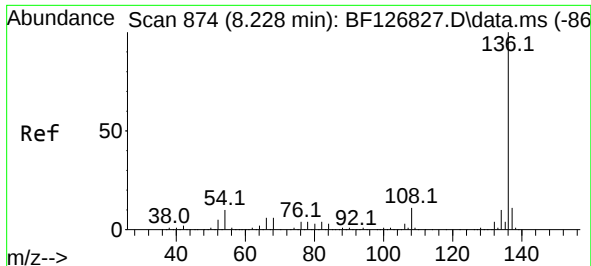
Tgt Ion: 99 Resp: 466316
Ion Ratio Lower Upper
99 100
42 19.6 15.8 23.6
71 37.7 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.491 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion: 70 Resp: 122994
Ion Ratio Lower Upper
70 100
42 45.3 46.3 69.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

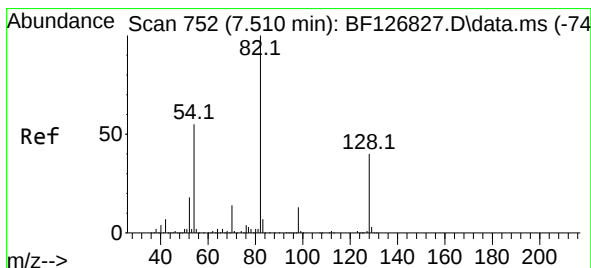
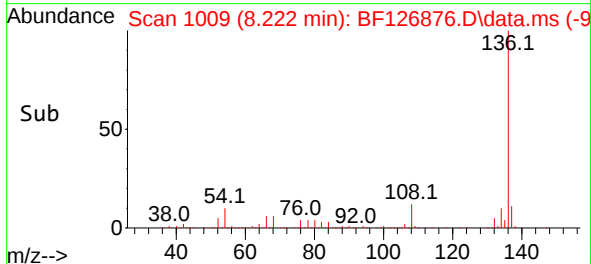
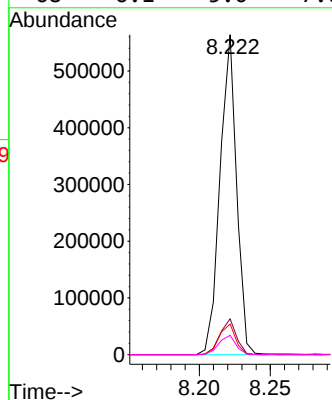
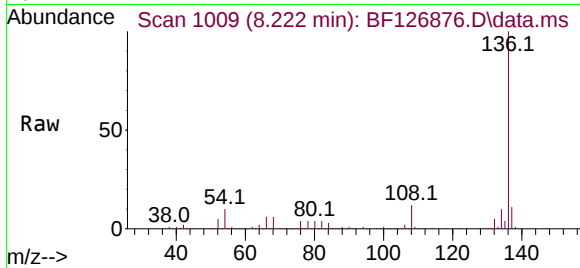




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

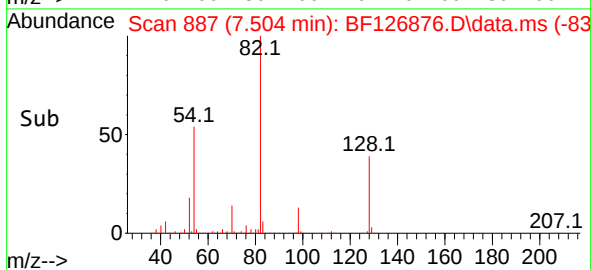
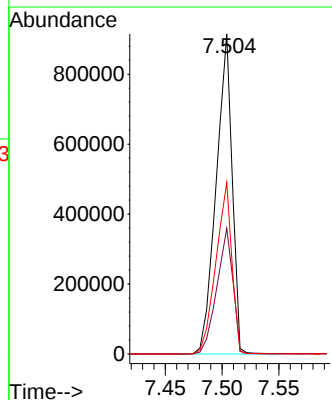
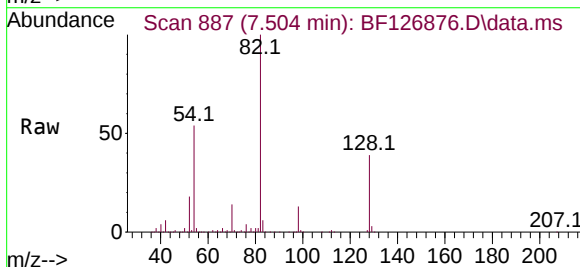
Instrument :
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ClientSampleId :
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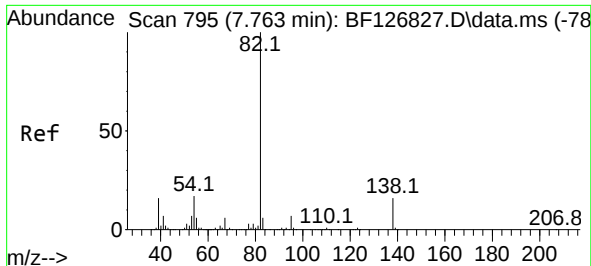
Tgt Ion:136 Resp: 456842
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.5 8.0 12.0
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.540 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion: 82 Resp: 896456
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 53.6 43.7 65.5

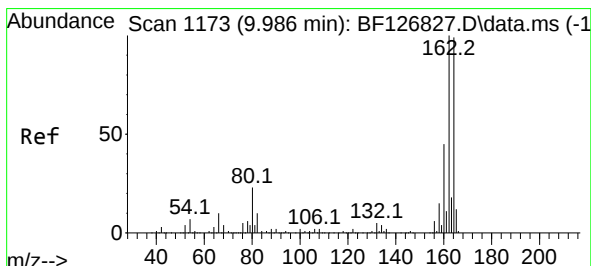
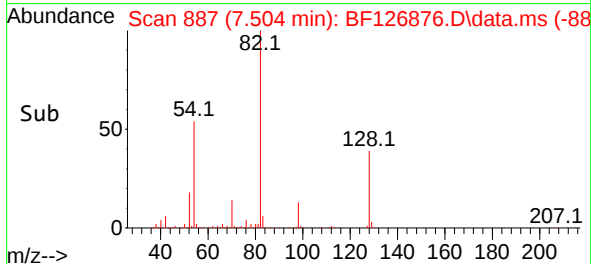
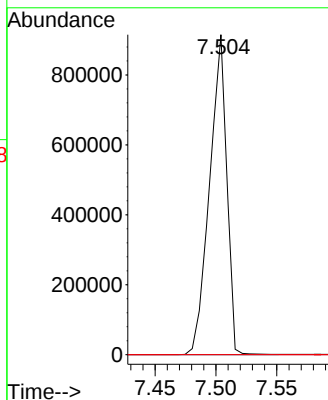
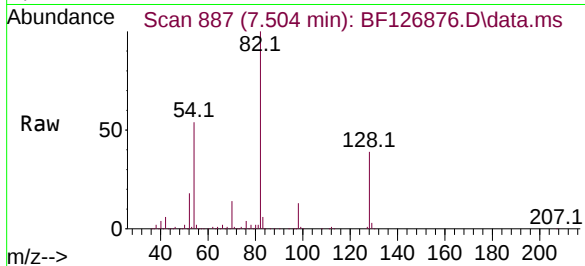




#25
Isophorone
Concen: 54.040 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

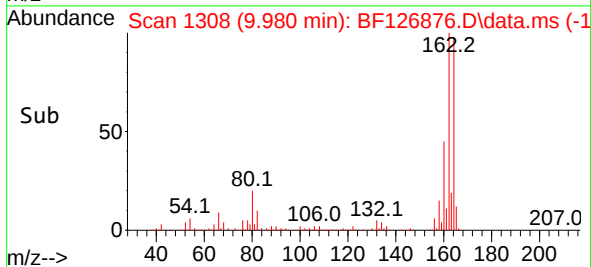
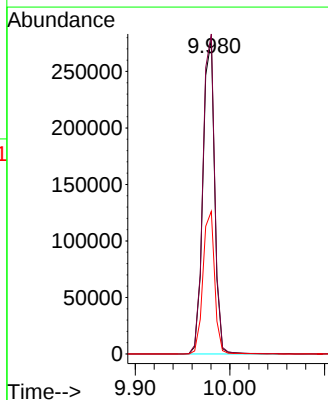
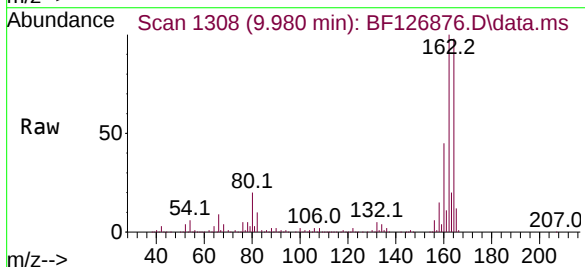
Instrument :
BNA_F
ClientSampleId :
20220066-096-21-SITE-WATER

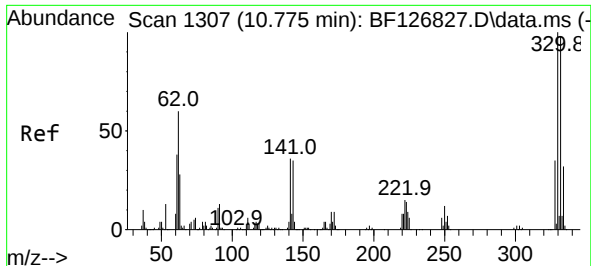
Tgt Ion: 82 Resp: 896444
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion:164 Resp: 239289
Ion Ratio Lower Upper
164 100
162 101.6 80.9 121.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 138.675 ng

RT: 10.774 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF126876.D

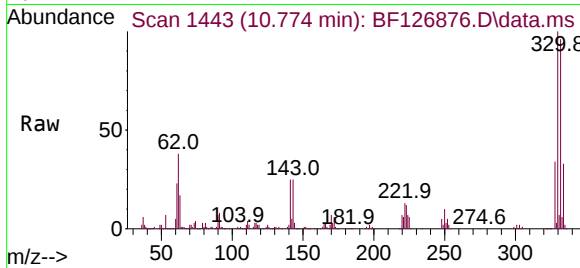
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Instrument :

BNA_F

ClientSampleId :

20220066-096-21-SITE-WATER



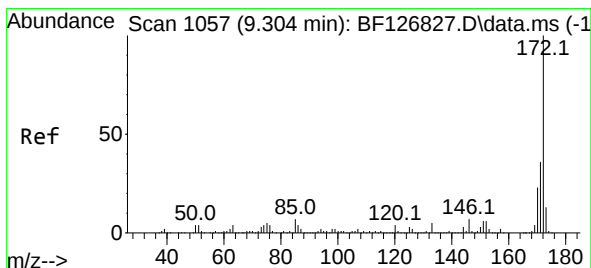
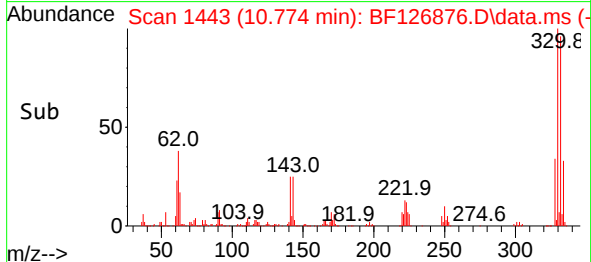
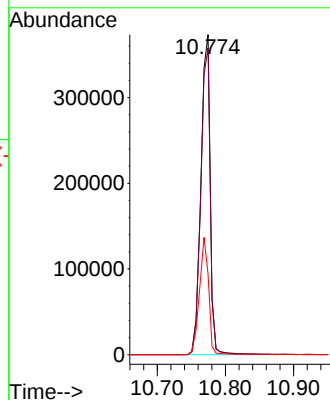
Tgt Ion:330 Resp: 355751

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

141 35.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.047 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126876.D

Acq: 14 Feb 2022 17:40

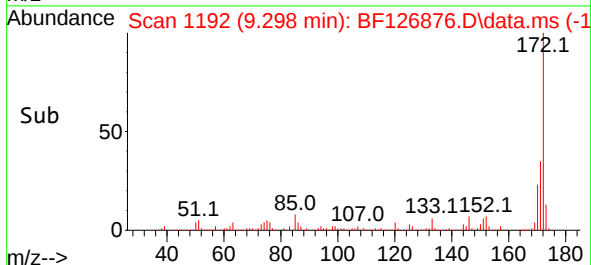
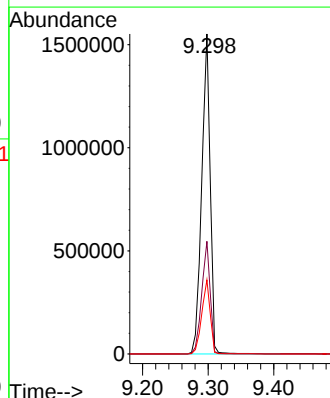
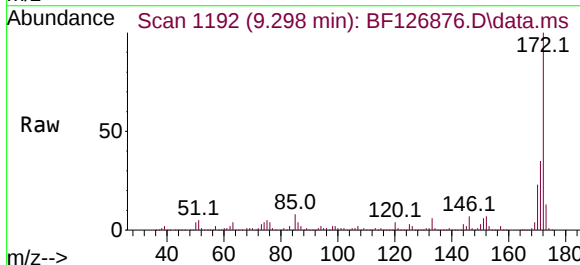
Tgt Ion:172 Resp: 1399653

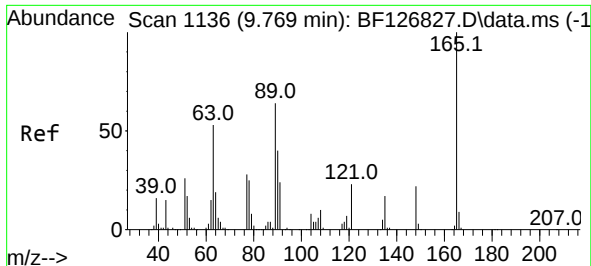
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.2 18.7 28.1

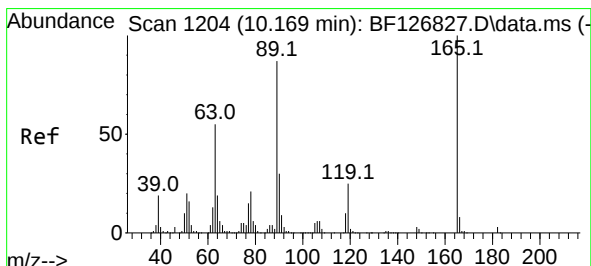
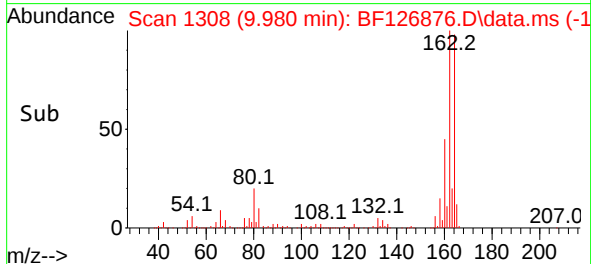
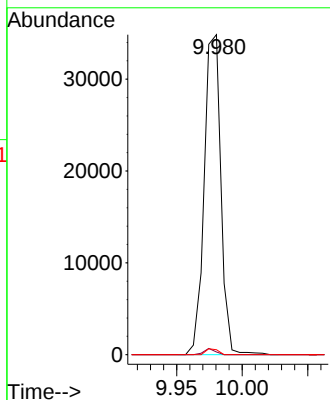
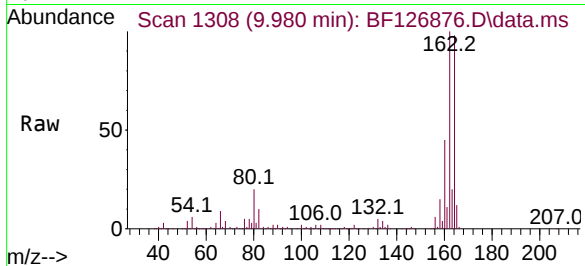




#51
2,6-Dinitrotoluene
Concen: 9.031 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

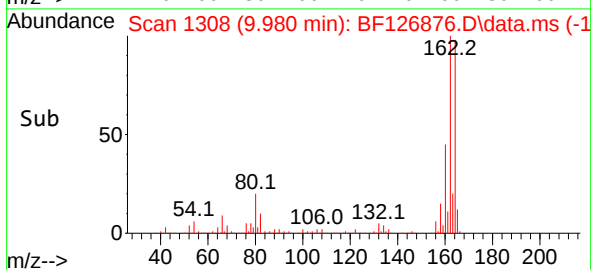
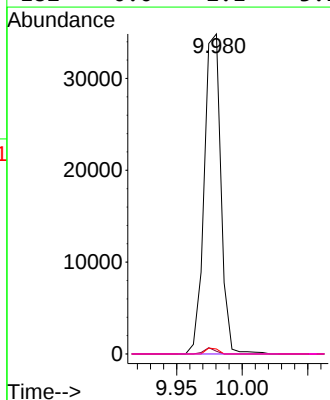
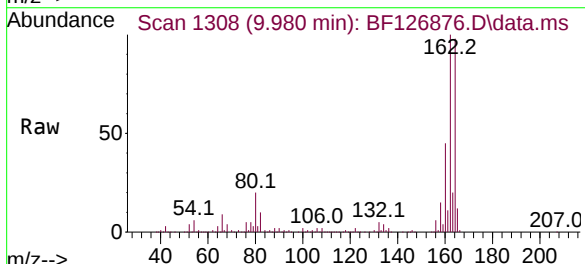
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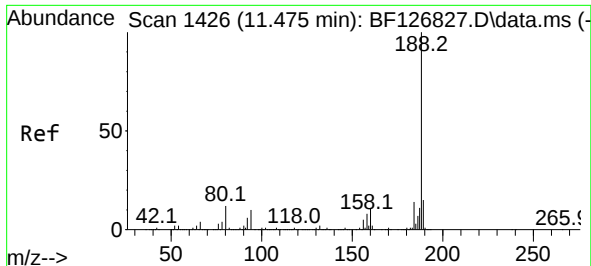
Tgt Ion:165 Resp: 30962
Ion Ratio Lower Upper
165 100
63 0.9 49.9 74.9#
89 1.6 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.831 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion:165 Resp: 30962
Ion Ratio Lower Upper
165 100
63 0.9 43.9 65.9#
89 1.6 69.8 104.8#
182 0.0 2.1 3.1#

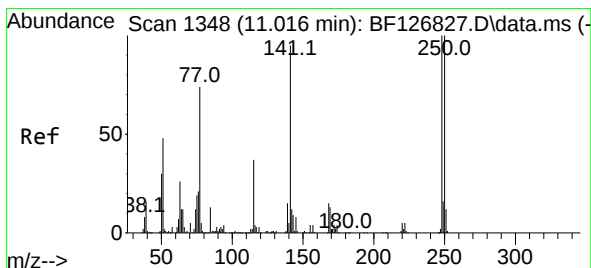
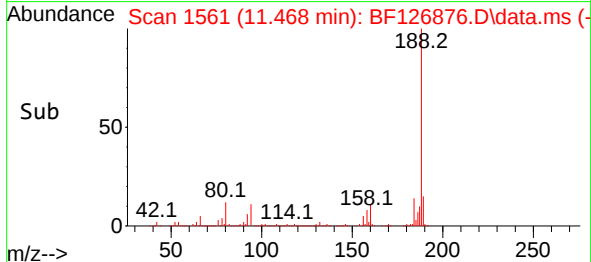
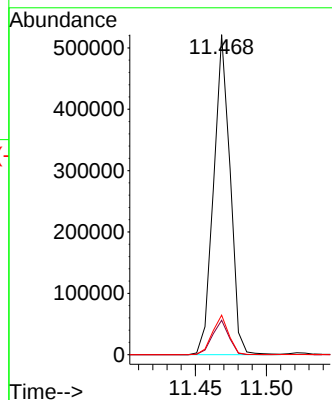
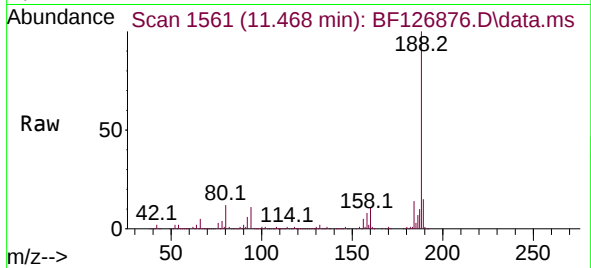




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

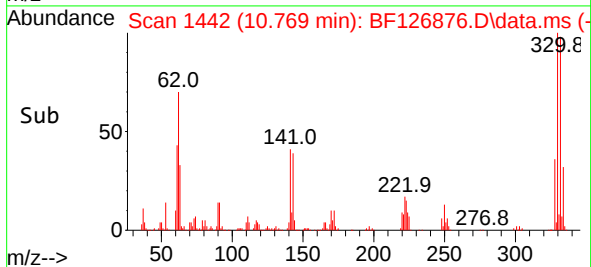
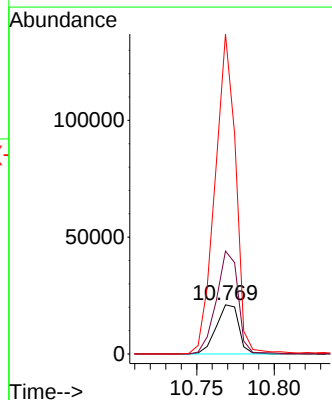
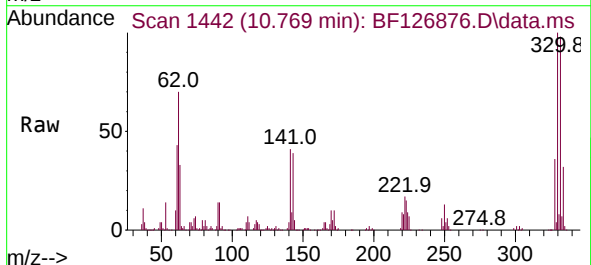
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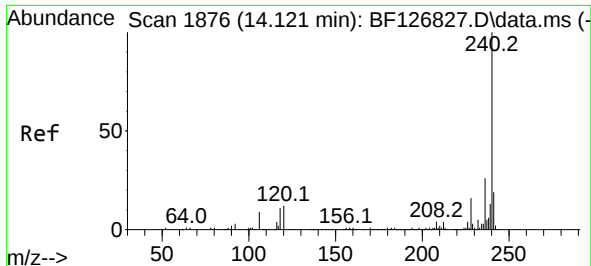
Tgt Ion:188 Resp: 419474
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.3 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.666 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion:248 Resp: 21269
Ion Ratio Lower Upper
248 100
250 209.3 80.0 120.0#
141 651.0 75.6 113.4#

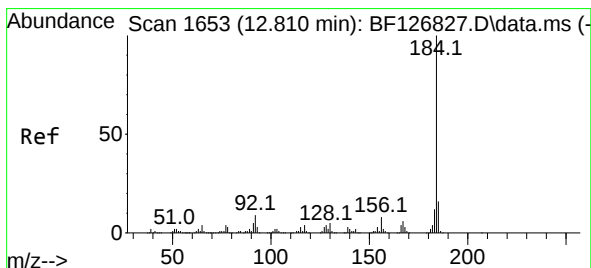
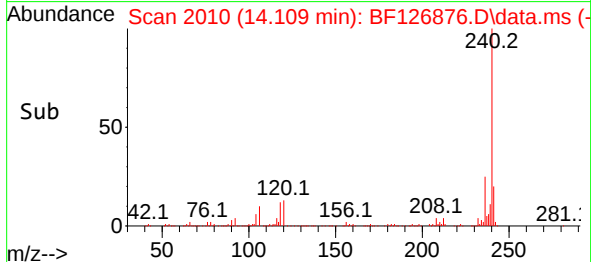
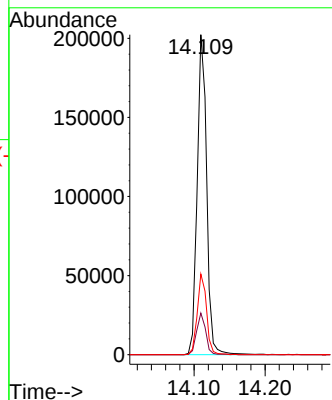
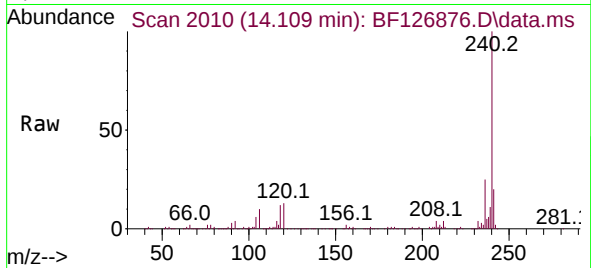




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

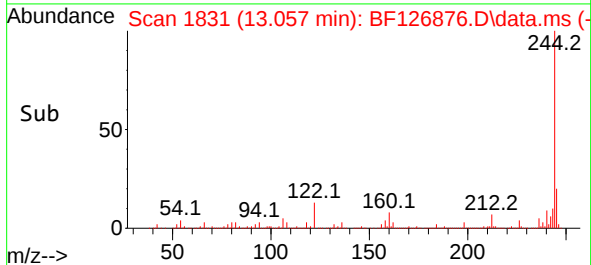
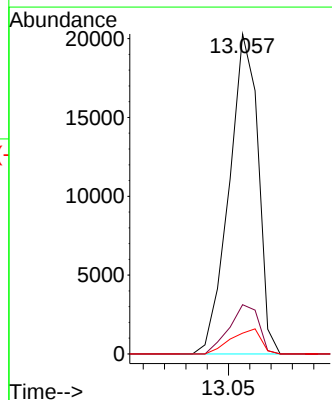
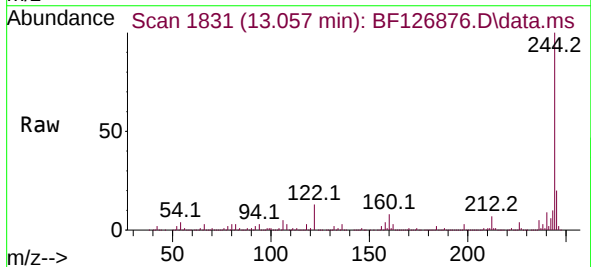
Instrument :
BNA_F
ClientSampleId :
20220066-096-21-SITE-WATER

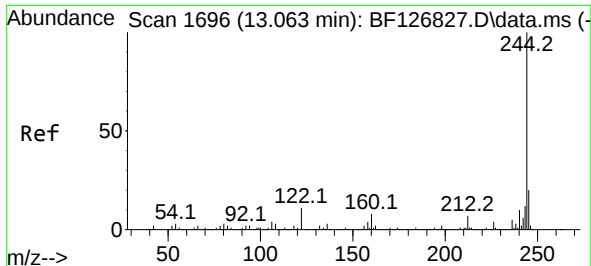
Tgt Ion:240 Resp: 188042
Ion Ratio Lower Upper
240 100
120 13.0 9.8 14.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: 3.878 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126876.D
Acq: 14 Feb 2022 17:40

Tgt Ion:184 Resp: 19188
Ion Ratio Lower Upper
184 100
185 15.4 12.5 18.7
183 6.5 9.6 14.4#

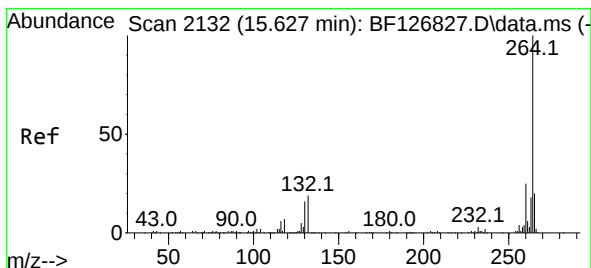
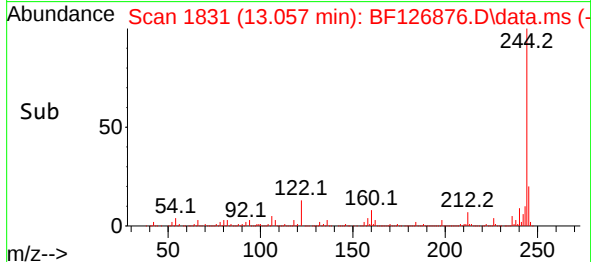
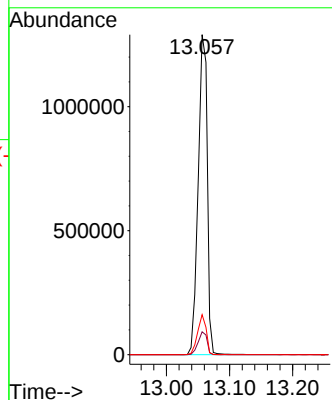
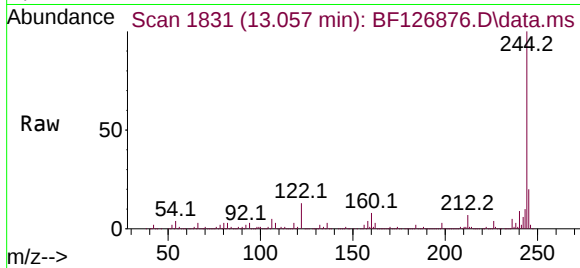




#79
 Terphenyl-d14
 Concen: 98.181 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF126876.D
 Acq: 14 Feb 2022 17:40

Instrument :
 BNA_F
 ClientSampleId :
 20220066-096-21-SITE-WATER

Tgt Ion:244 Resp: 1287838
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.5 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: BF126876.D
 Acq: 14 Feb 2022 17:40

Tgt Ion:264 Resp: 192451
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.7 15.9 23.9

