

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127478.D
 Acq On : 23 Mar 2022 14:05
 Operator : CG\JU
 Sample : N2064-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220280-SITE-WATER

Quant Time: Mar 24 02:11:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

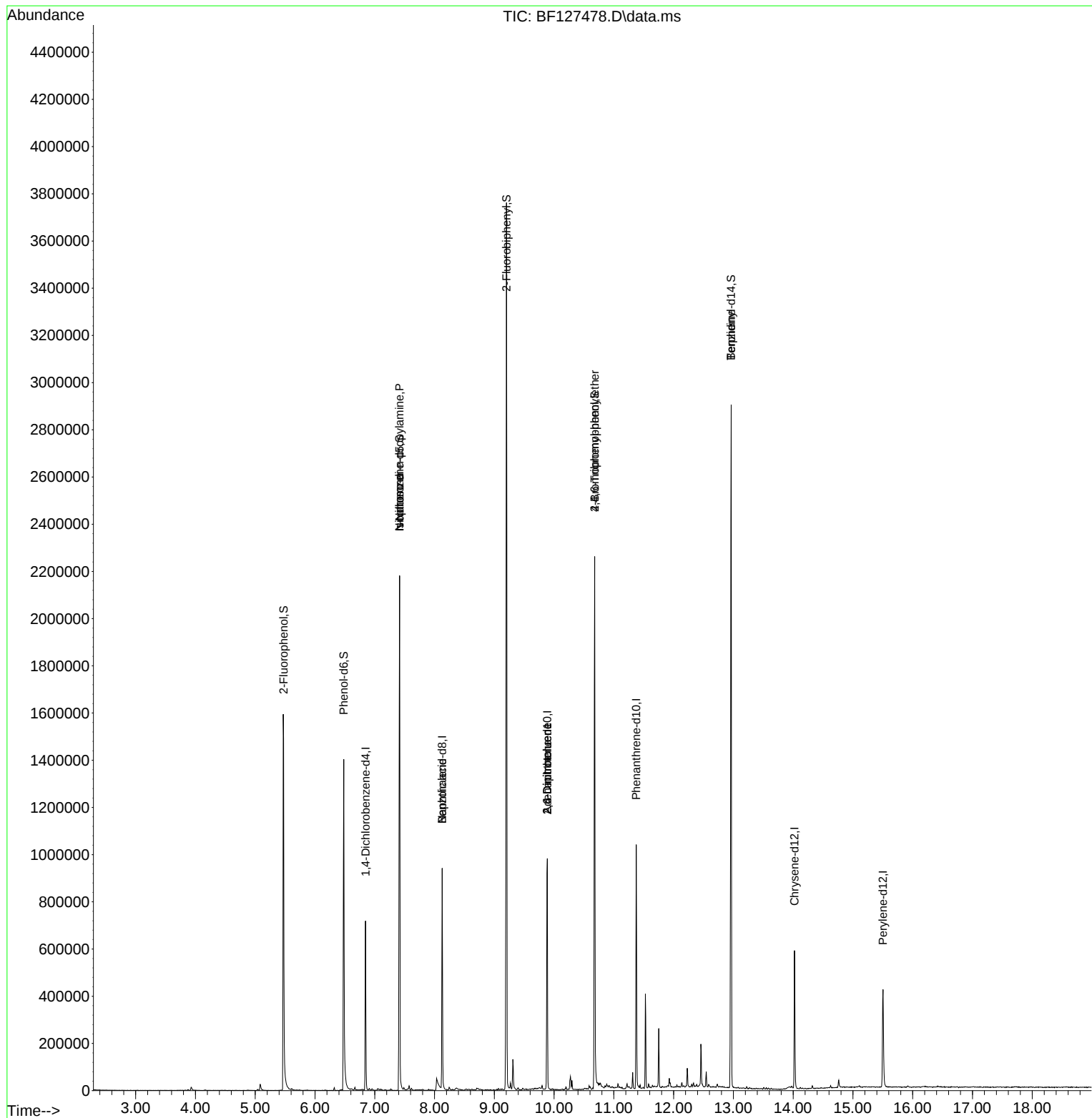
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93346	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	349957	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	201718	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	350075	20.000	ng	0.00
76) Chrysene-d12	14.021	240	196270	20.000	ng	0.00
86) Perylene-d12	15.504	264	198600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	426411	72.916	ng	0.00
7) Phenol-d6	6.481	99	438775	54.890	ng	0.00
23) Nitrobenzene-d5	7.416	82	723234	88.340	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	264846	123.252	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1184020	85.711	ng	0.00
79) Terphenyl-d14	12.963	244	1016986	84.823	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	969	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	100103	20.892	ng	# 78
25) Isophorone	7.416	82	723225	55.464	ng	# 70
32) Benzoic acid	8.128	122	55	6.059	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	25913	8.797	ng	# 17
55) Dibenzofuran	10.098	168	175	Below Cal	#	52
57) 2,4-Dinitrotoluene	9.886	165	25913	6.834	ng	# 14
58) Fluorene	10.680	166	10006	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.680	248	17593	4.304	ng	# 1
77) Benzidine	12.963	184	12751	2.725	ng	# 93

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

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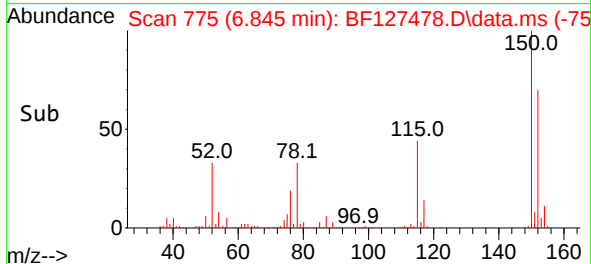
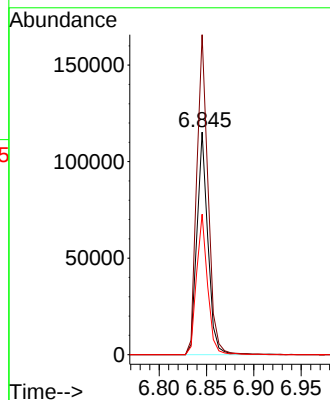
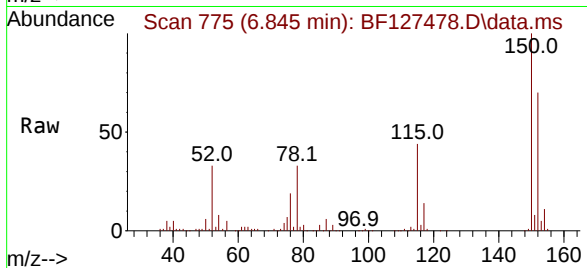




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

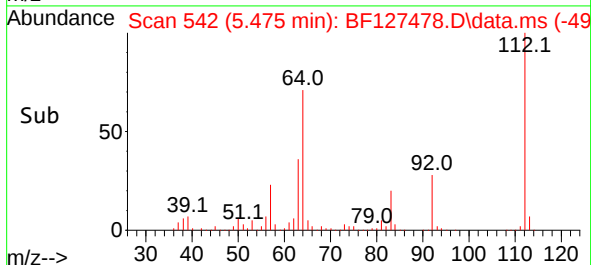
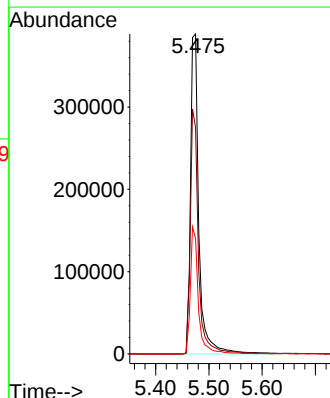
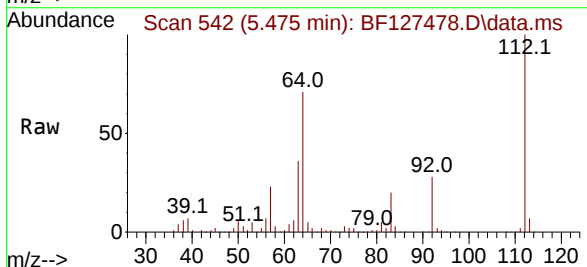
Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER

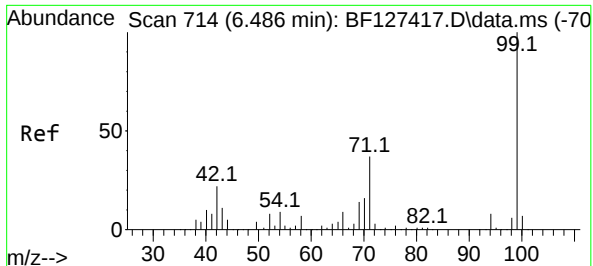
Tgt Ion:152 Resp: 93346
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 63.1 49.8 74.6



#5
2-Fluorophenol
Concen: 72.916 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion:112 Resp: 426411
Ion Ratio Lower Upper
112 100
64 70.8 58.4 87.6
63 36.0 30.1 45.1

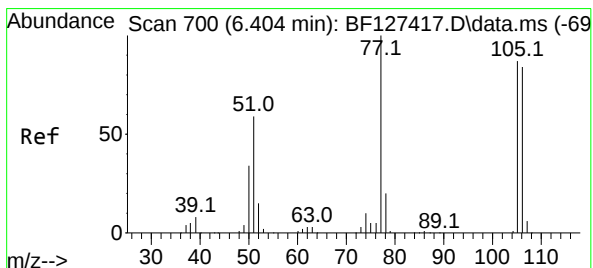
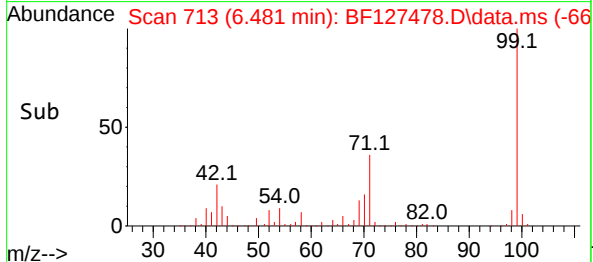
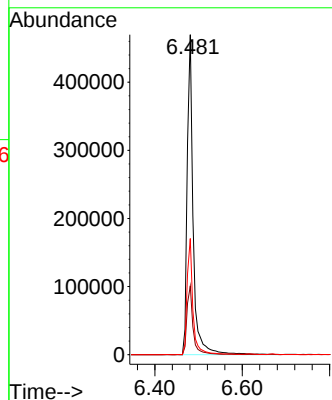
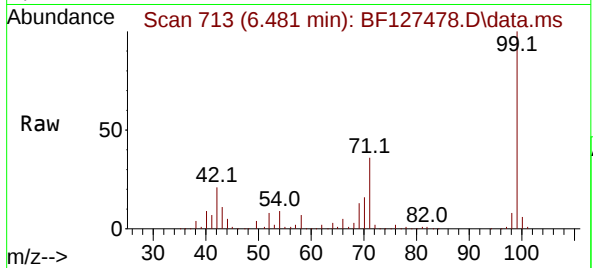




#7
Phenol-d6
Concen: 54.890 ng
RT: 6.481 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

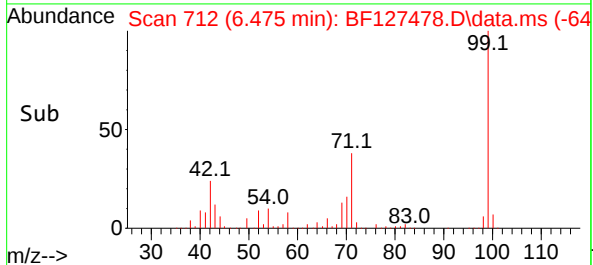
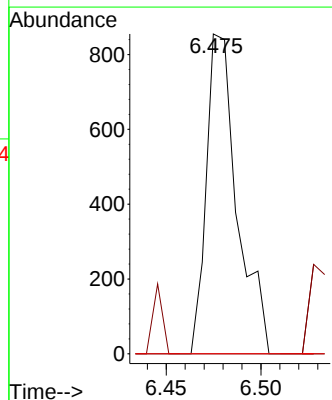
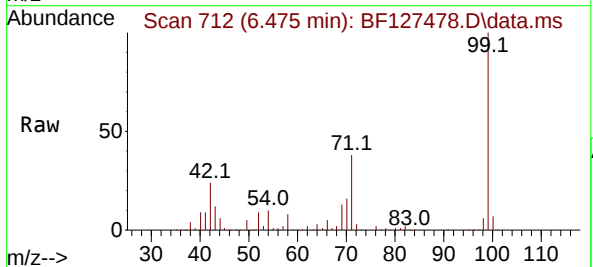
Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER

Tgt Ion: 99 Resp: 438775
Ion Ratio Lower Upper
99 100
42 21.5 17.8 26.6
71 36.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.071 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion: 77 Resp: 969
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.892 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127478.D

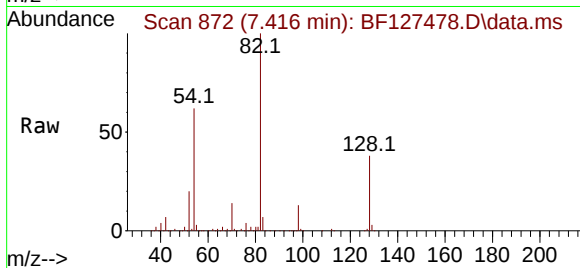
Acq: 23 Mar 2022 14:05

Instrument :

BNA_F

ClientSampleId :

20220280-SITE-WATER



Tgt Ion: 70 Resp: 100103

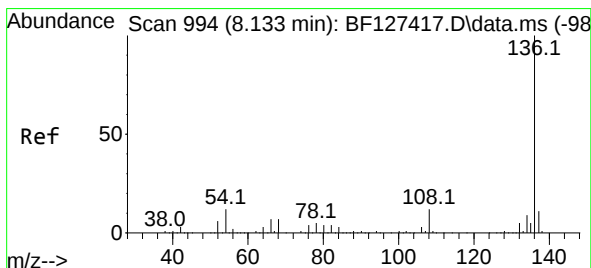
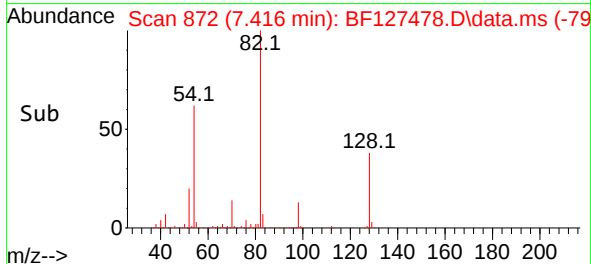
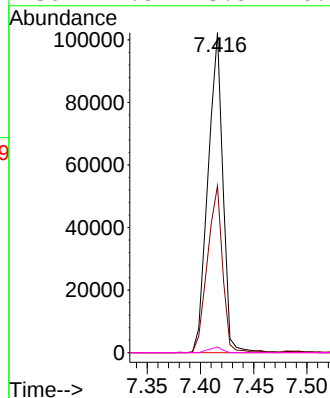
Ion Ratio Lower Upper

70 100

42 52.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127478.D

Acq: 23 Mar 2022 14:05

Tgt Ion: 136 Resp: 349957

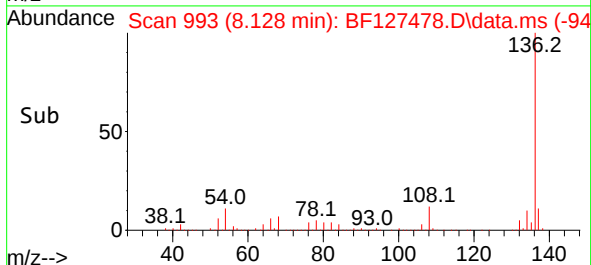
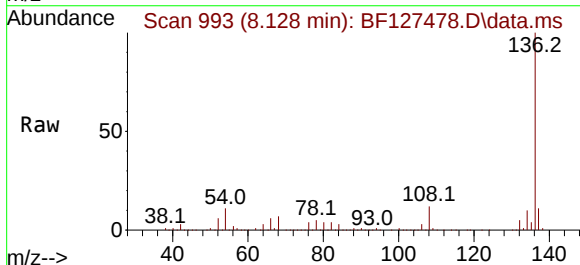
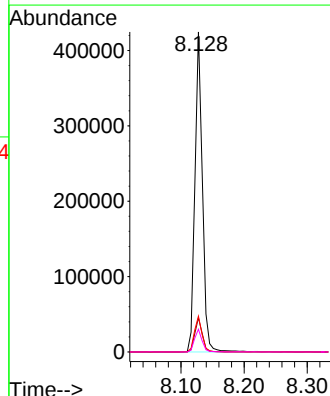
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 11.2 9.2 13.8

68 7.1 5.4 8.0

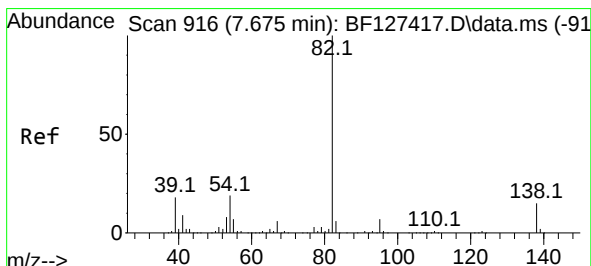
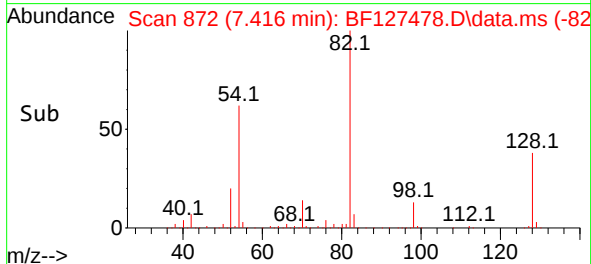
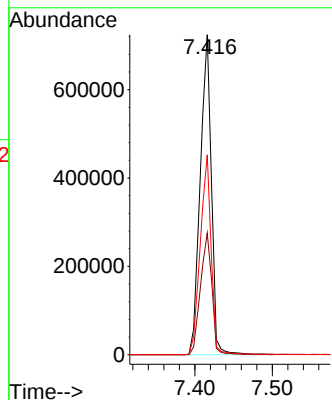
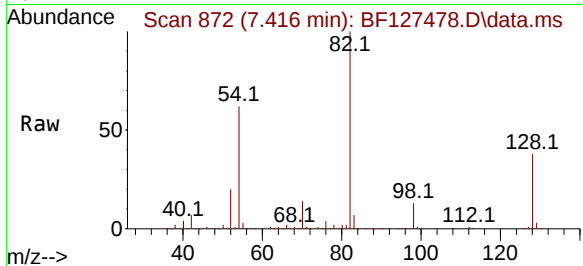




#23
Nitrobenzene-d5
Concen: 88.340 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

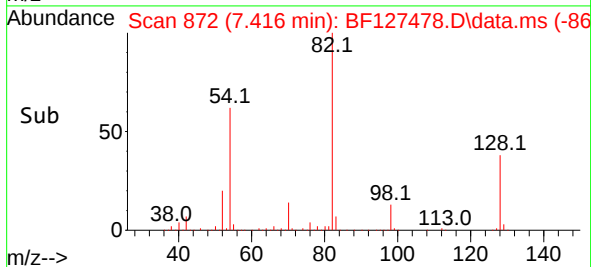
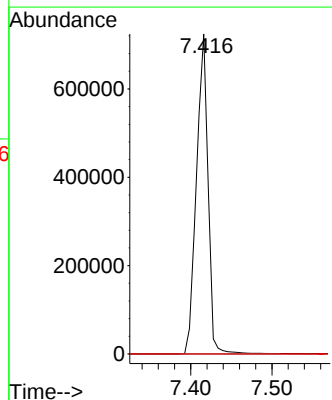
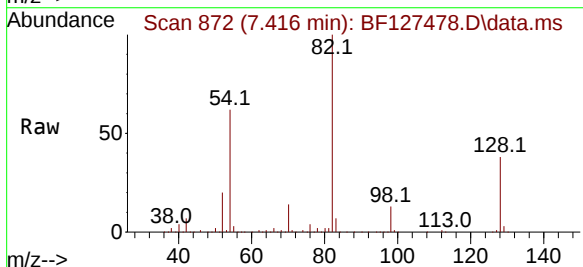
Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER

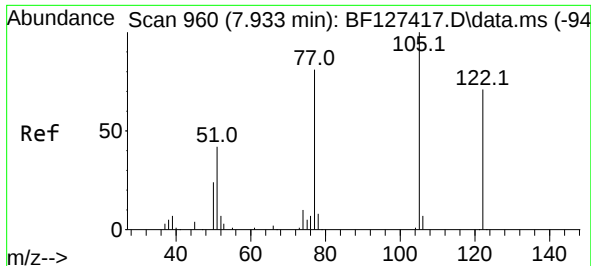
Tgt Ion: 82 Resp: 723234
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 62.4 48.2 72.2



#25
Isophorone
Concen: 55.464 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion: 82 Resp: 723225
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

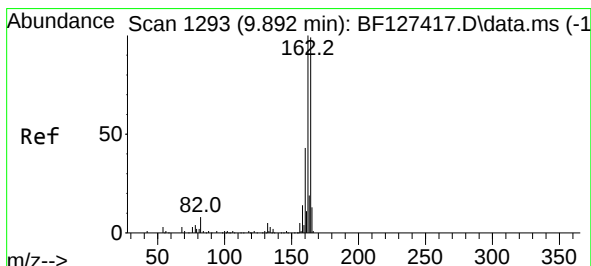
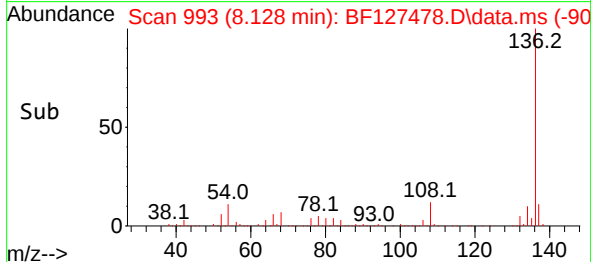
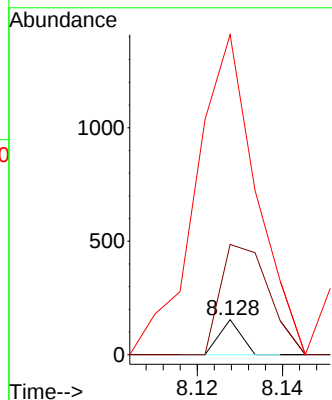
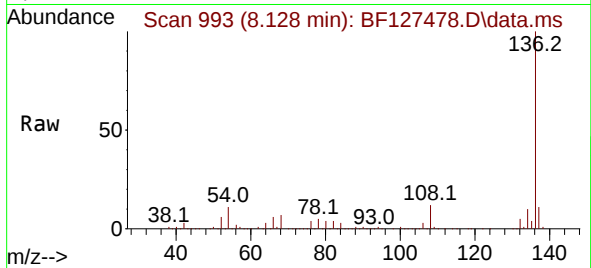




#32
Benzoic acid
Concen: 6.059 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

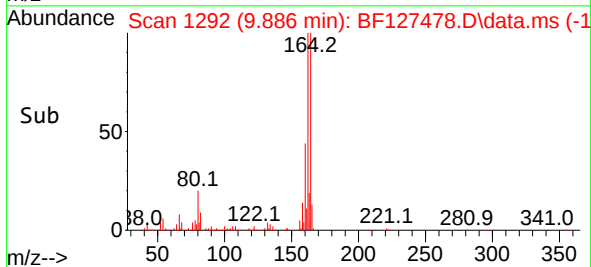
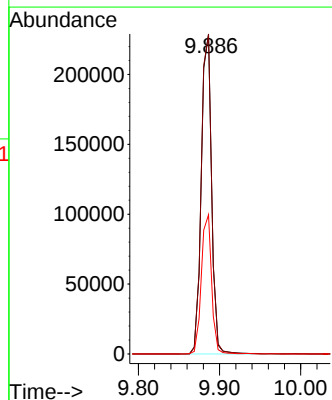
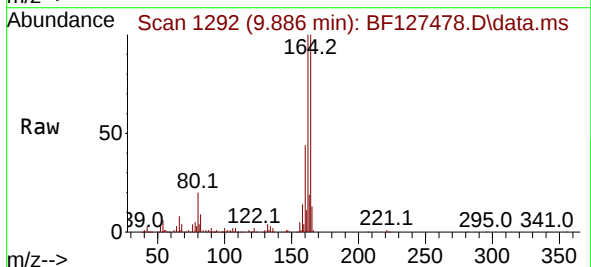
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ClientSampleId :
20220280-SITE-WATER

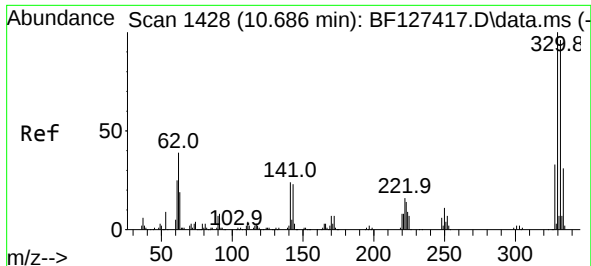
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 313.5 117.1 157.1#
77 909.7 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion:164 Resp: 201718
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 43.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 123.252 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127478.D

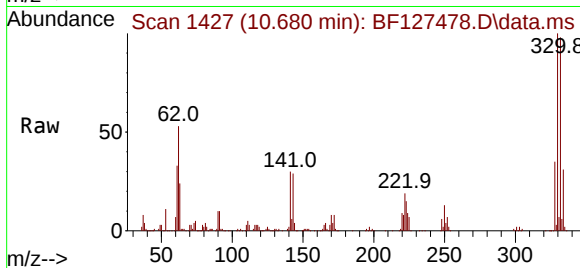
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Instrument :

BNA_F

ClientSampleId :

20220280-SITE-WATER



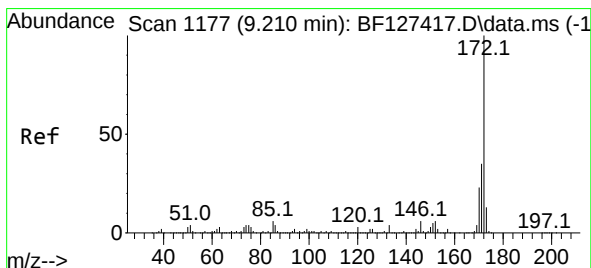
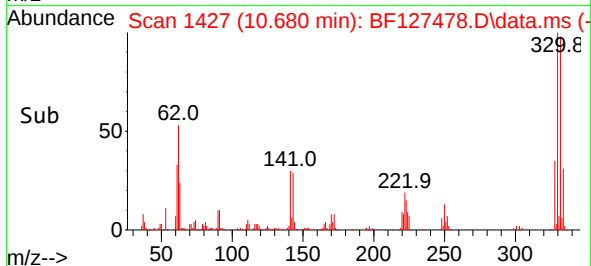
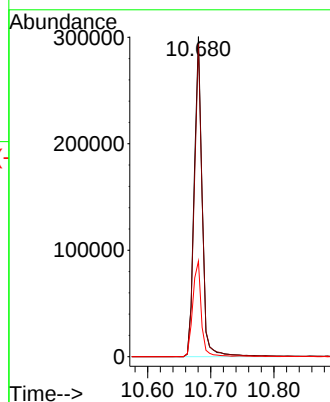
Tgt Ion:330 Resp: 264846

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 32.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 85.711 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127478.D

Acq: 23 Mar 2022 14:05

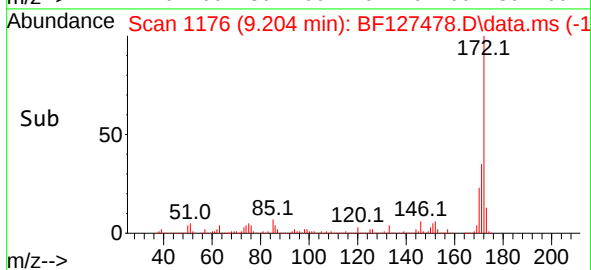
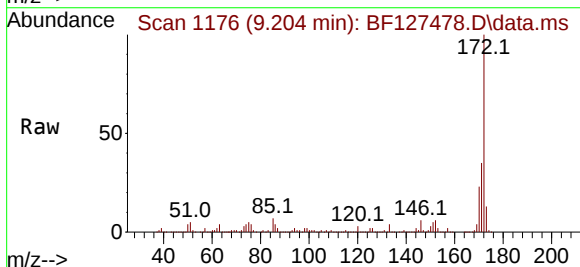
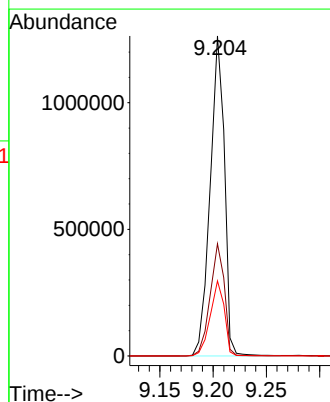
Tgt Ion:172 Resp: 1184020

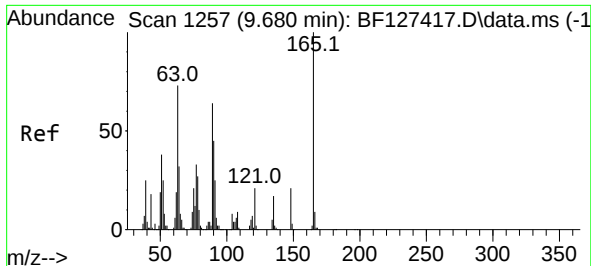
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 18.6 27.8

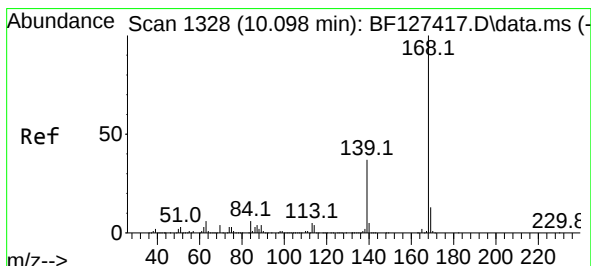
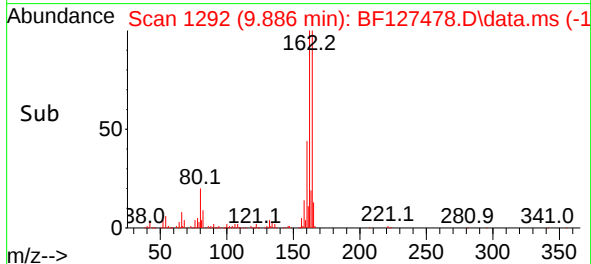
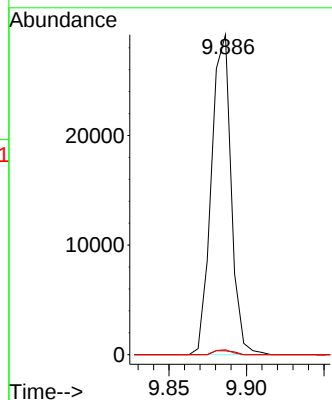
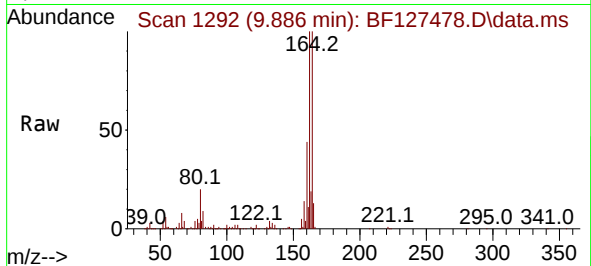




#51
2,6-Dinitrotoluene
Concen: 8.797 ng
RT: 9.886 min Scan# 1257
Delta R.T. 0.206 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

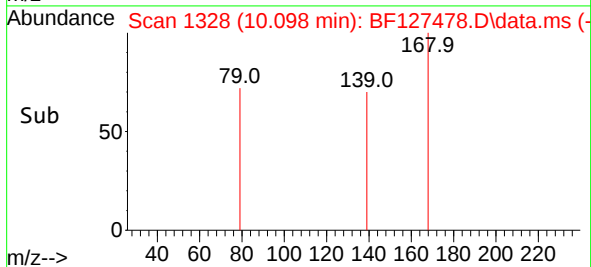
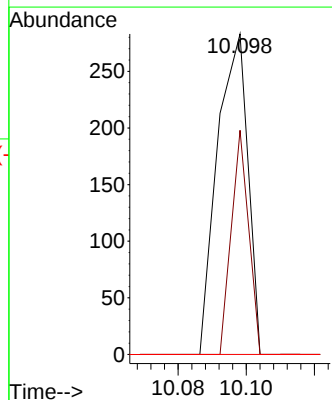
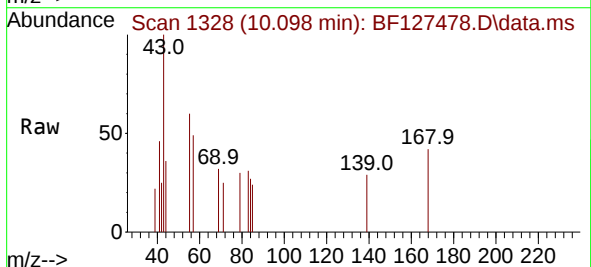
Instrument :
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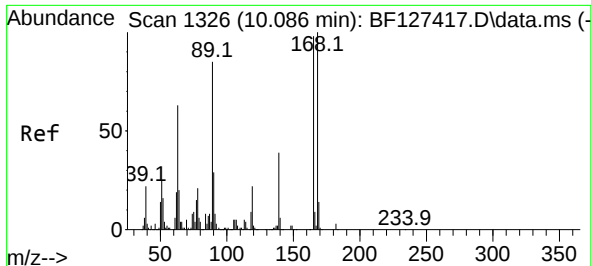
Tgt Ion:165 Resp: 25913
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.6 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion:168 Resp: 175
Ion Ratio Lower Upper
168 100
139 70.0 30.3 45.5#
169 0.0 10.8 16.2#

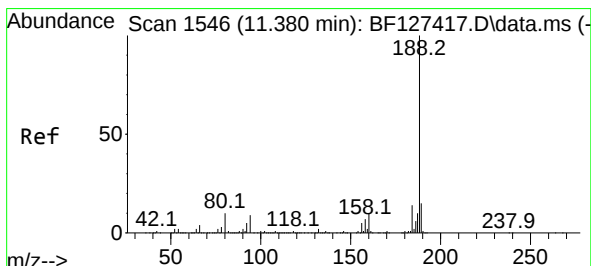
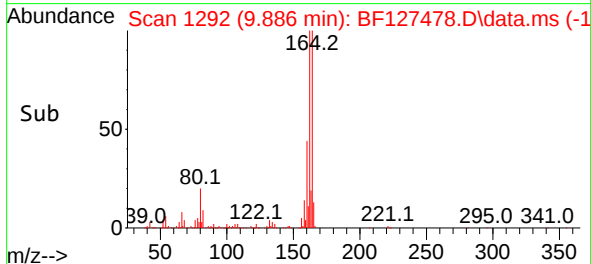
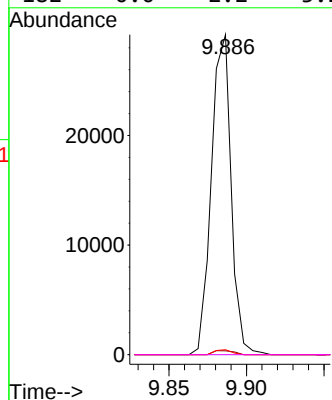
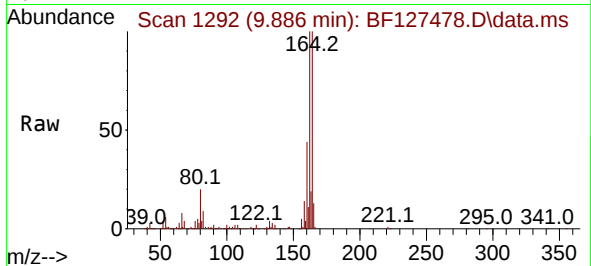




#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

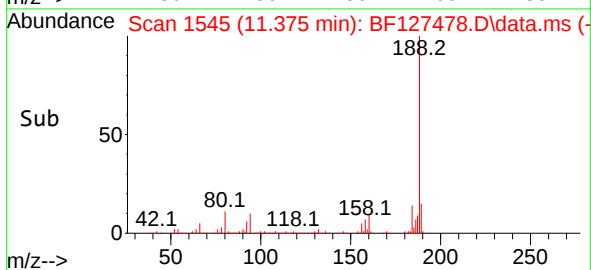
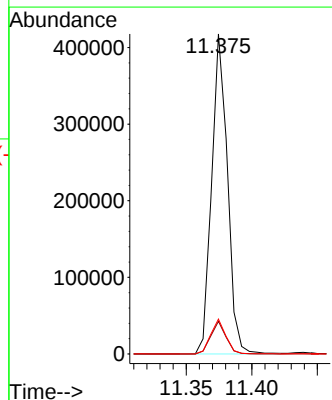
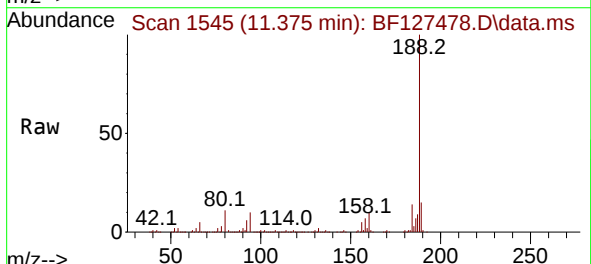
Instrument :
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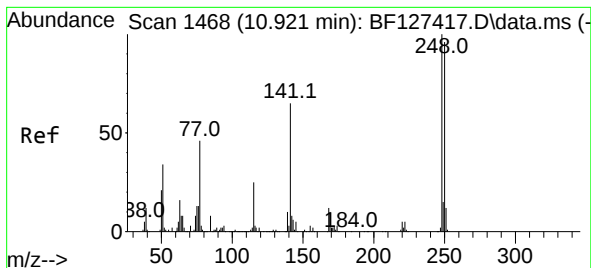
Tgt Ion:165 Resp: 25913
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion:188 Resp: 350075
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 10.9 8.0 12.0

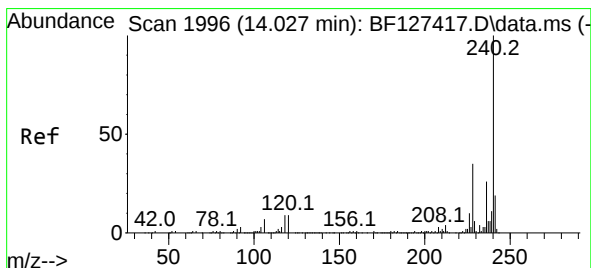
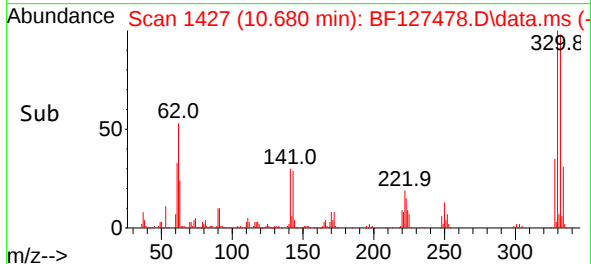
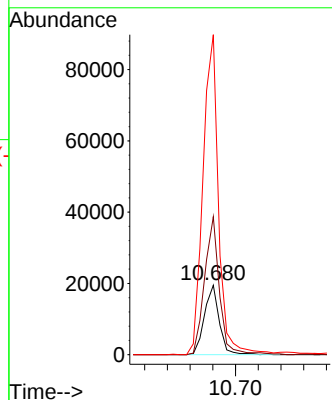
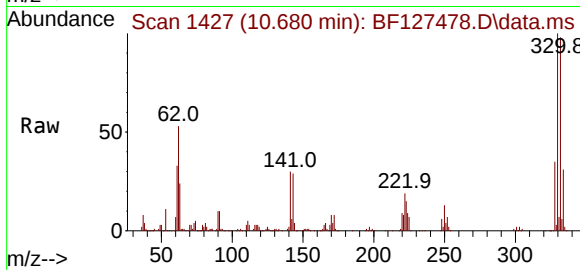




#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

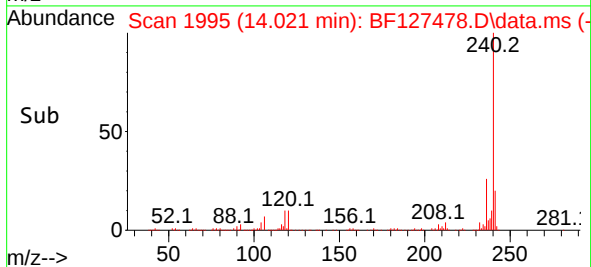
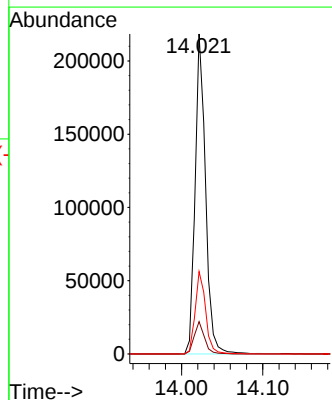
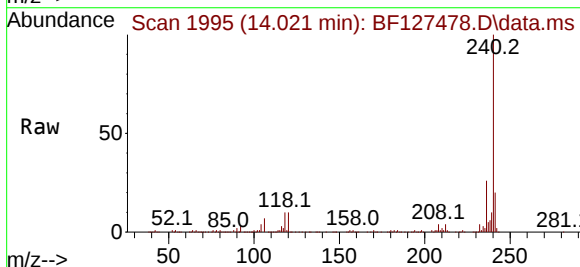
Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER

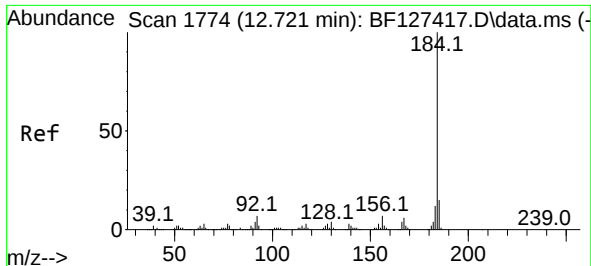
Tgt Ion:248 Resp: 17593
Ion Ratio Lower Upper
248 100
250 198.6 76.6 115.0#
141 460.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Tgt Ion:240 Resp: 196270
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 25.7 20.7 31.1

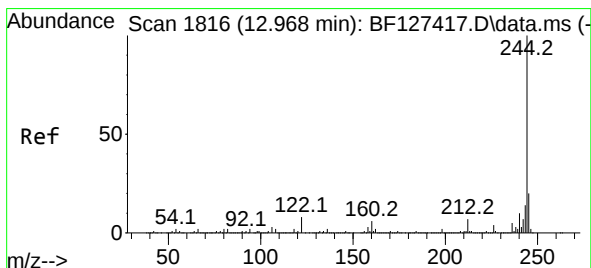
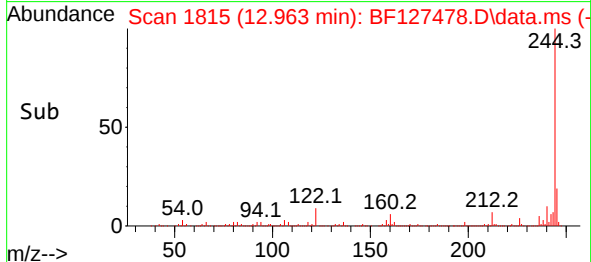
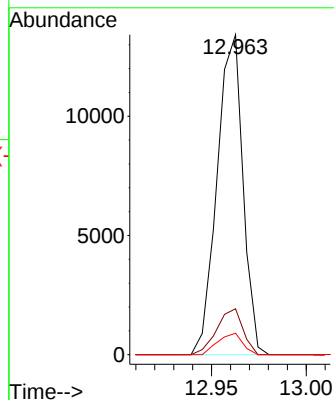
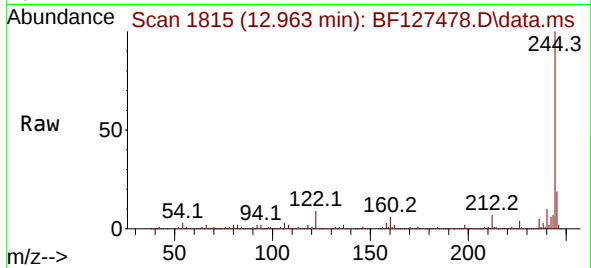




#77
Benzidine
Concen: 2.725 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

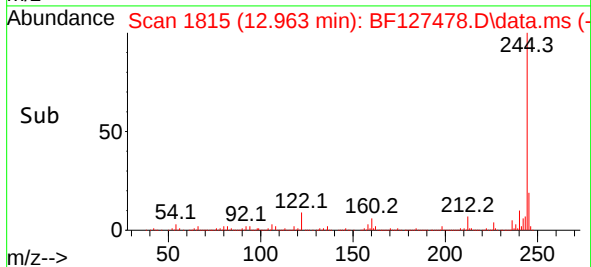
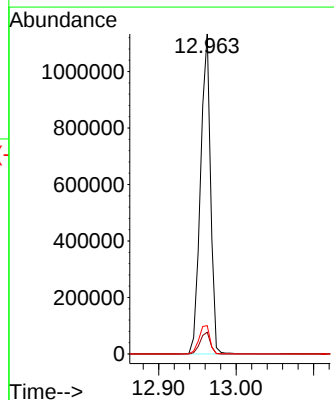
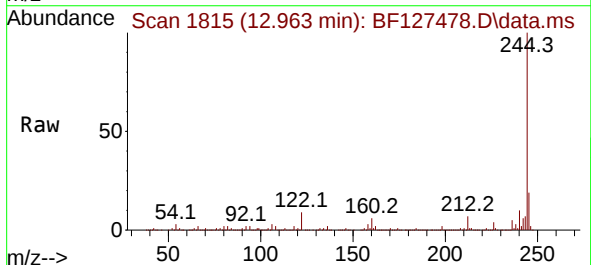
Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER

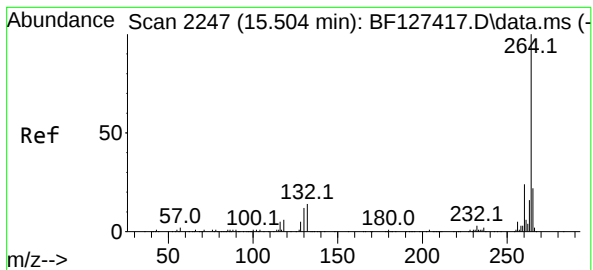
Tgt Ion:184 Resp: 12751
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 6.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 84.823 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

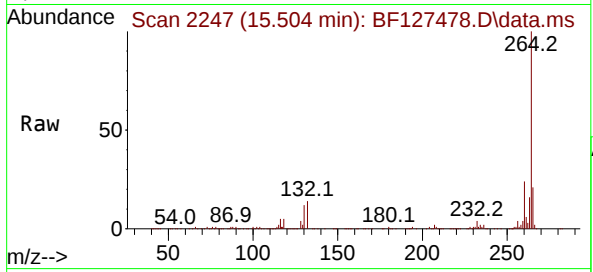
Tgt Ion:244 Resp: 1016986
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.9 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127478.D
Acq: 23 Mar 2022 14:05

Instrument :
BNA_F
ClientSampleId :
20220280-SITE-WATER



Tgt Ion:264 Resp: 198600

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	20.9	17.4	26.2

