

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126500.D
 Acq On : 5 Jan 2022 17:04
 Operator : JU/CG
 Sample : N1010-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211308-CAPE-2-SITE-WATER

Quant Time: Jan 06 01:10:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

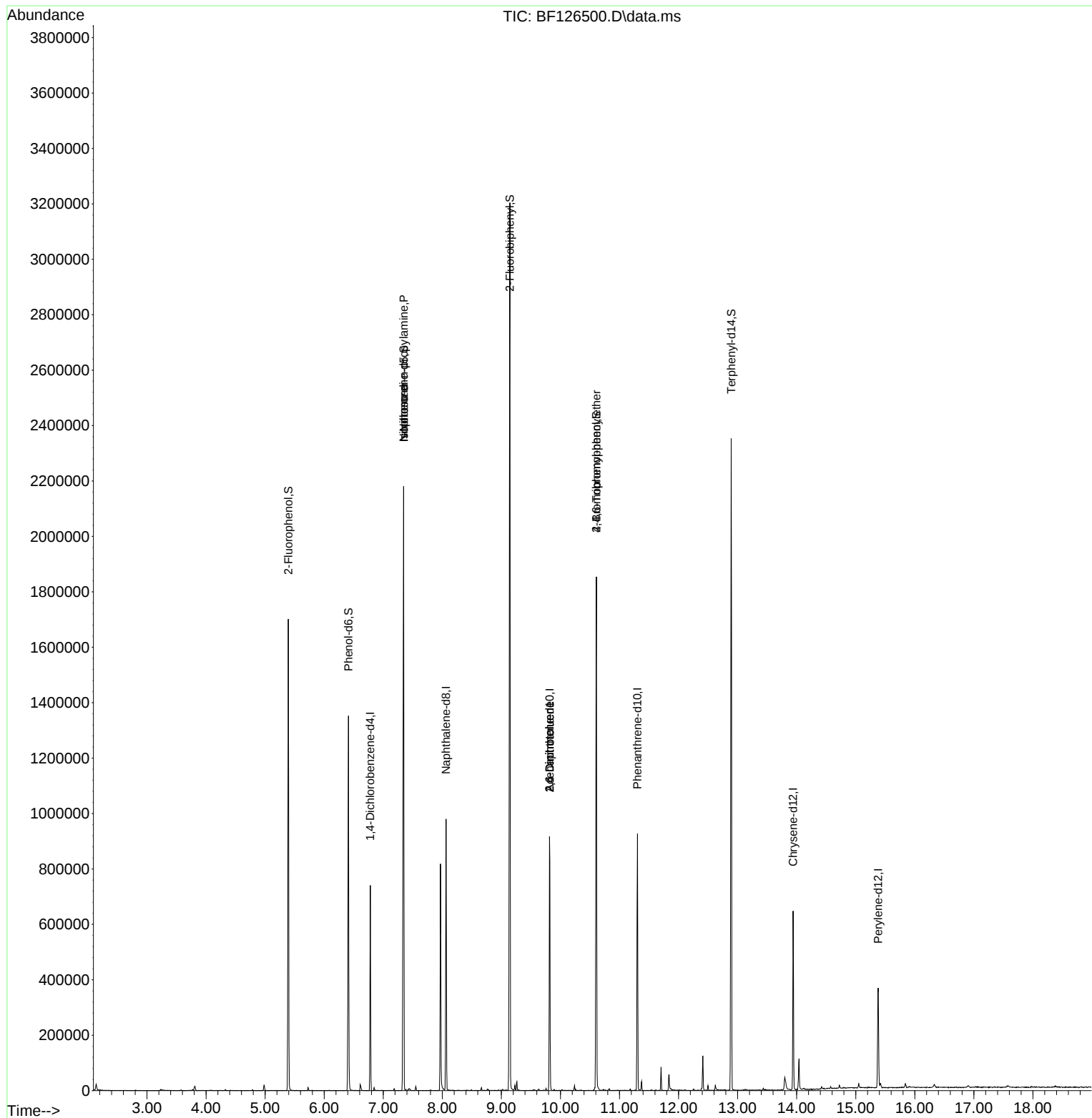
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96247	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	410289	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	189774	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	301029	20.000	ng	0.00
76) Chrysene-d12	13.939	240	202311	20.000	ng	-0.01
86) Perylene-d12	15.380	264	155597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	475915	71.009	ng	0.00
7) Phenol-d6	6.410	99	433167	49.900	ng	-0.01
23) Nitrobenzene-d5	7.345	82	749973	93.856	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	228637	155.910	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1042489	96.667	ng	0.00
79) Terphenyl-d14	12.892	244	812392	78.020	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.345	70	92480	18.670	ng	# 80
25) Isophorone	7.345	82	748297	52.312	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	23921	9.349	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	23921	7.247	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	12201	4.566	ng	# 1
77) Benzidine	12.892	184	10244	Below Cal		# 92

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

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Quant Time: Jan 06 01:10:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

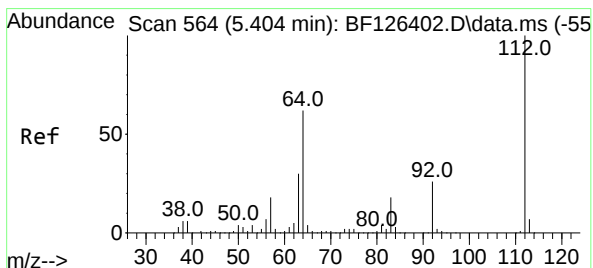
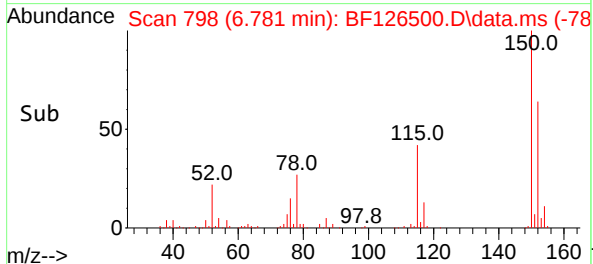
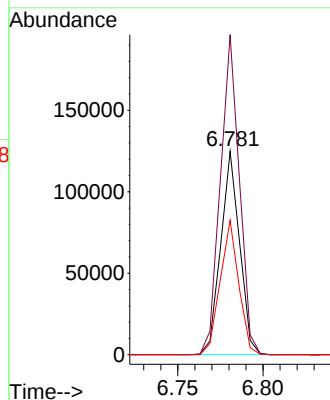
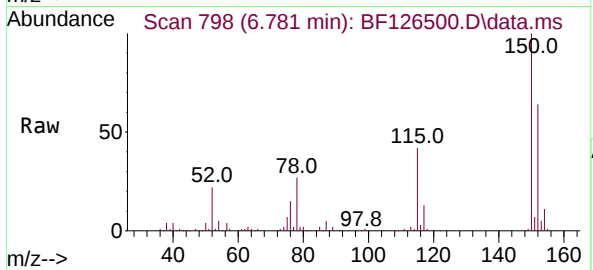




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

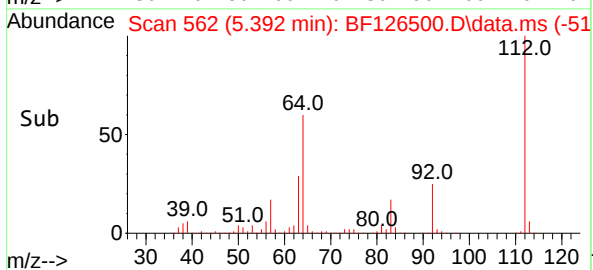
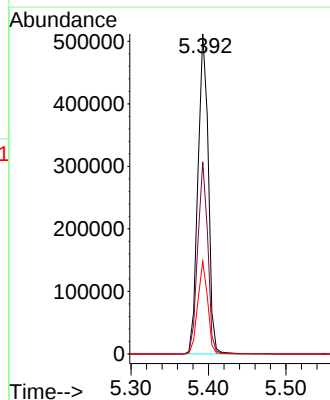
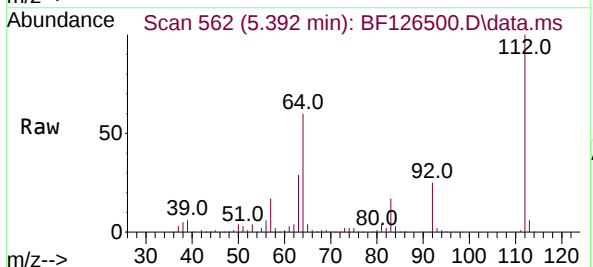
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

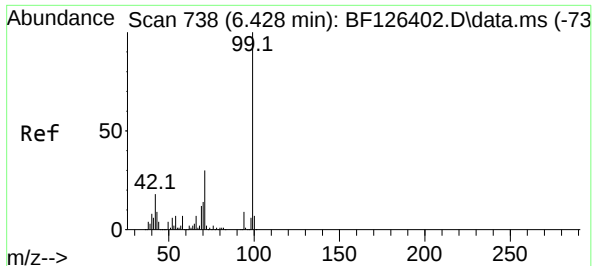
Tgt Ion:152 Resp: 96247
Ion Ratio Lower Upper
152 100
150 157.4 128.1 192.1
115 66.1 56.7 85.1



#5
2-Fluorophenol
Concen: 71.009 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:112 Resp: 475915
Ion Ratio Lower Upper
112 100
64 60.0 49.5 74.3
63 29.0 23.9 35.9

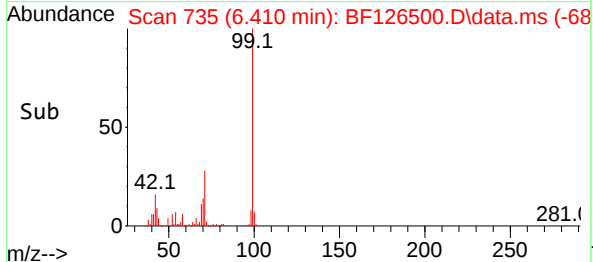
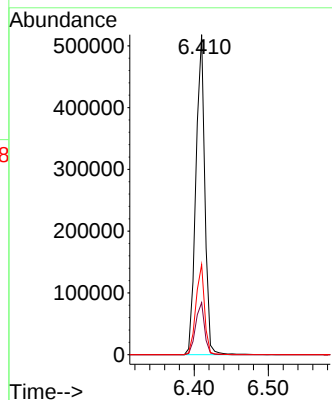
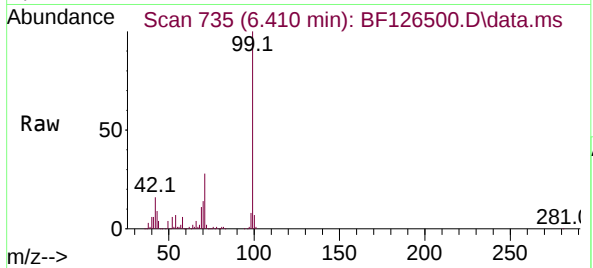




#7
Phenol-d6
Concen: 49.900 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

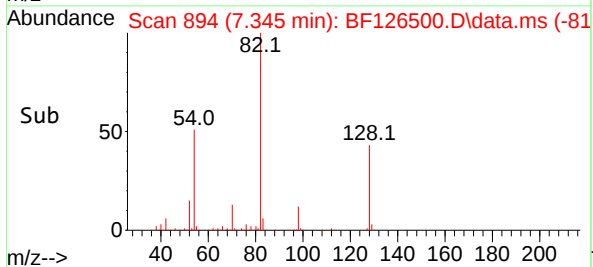
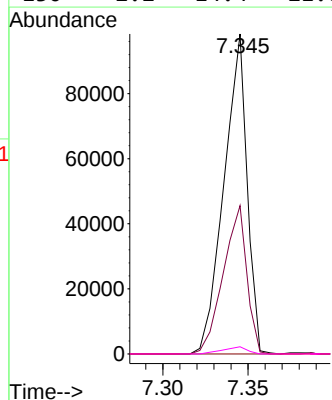
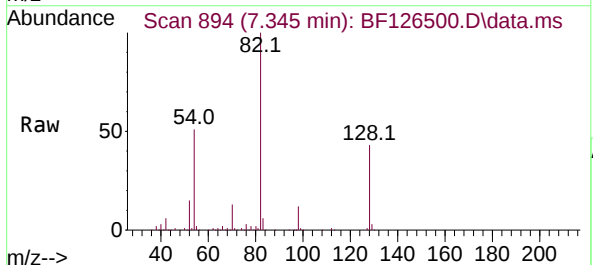
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

Tgt Ion: 99 Resp: 433167
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 28.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.670 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion: 70 Resp: 92480
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



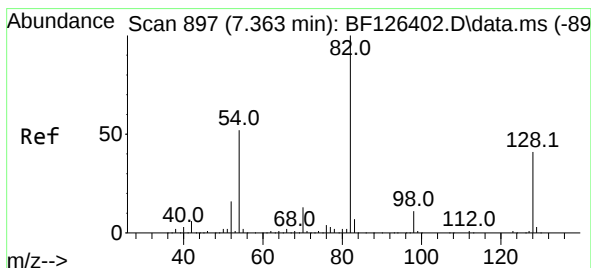
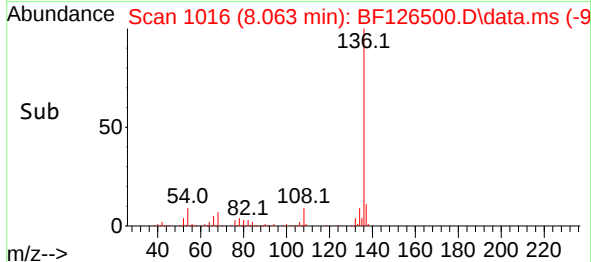
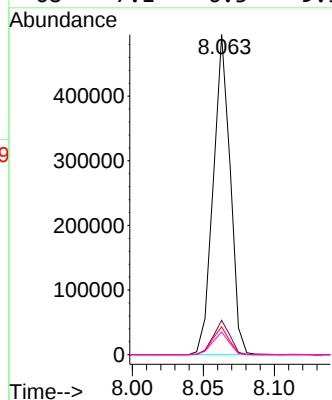
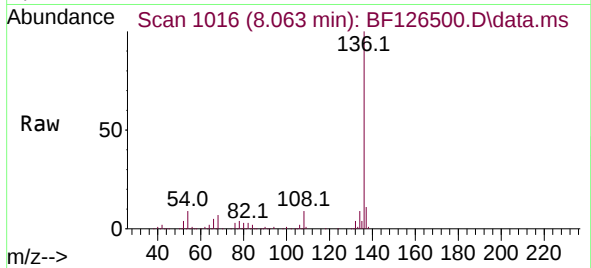


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

Tgt Ion:136 Resp: 410289

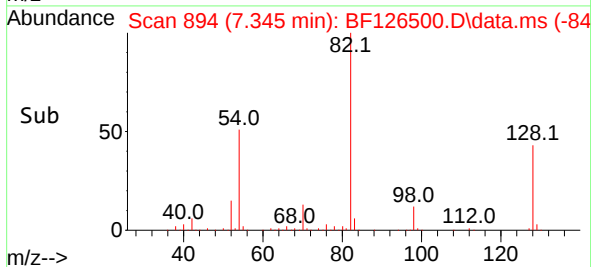
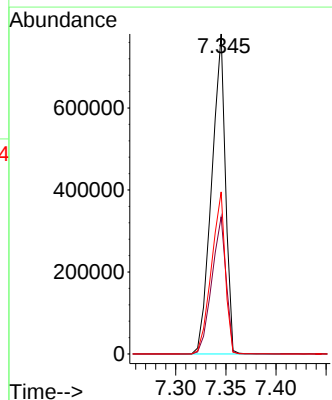
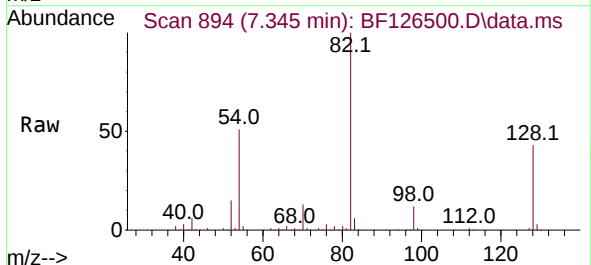
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.7	7.8	11.6
68	7.1	6.3	9.5

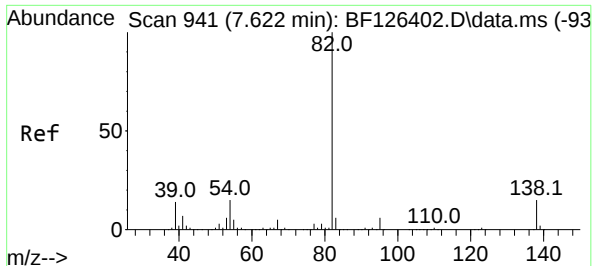


#23
Nitrobenzene-d5
Concen: 93.856 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion: 82 Resp: 749973

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.7	49.1
54	50.6	41.7	62.5

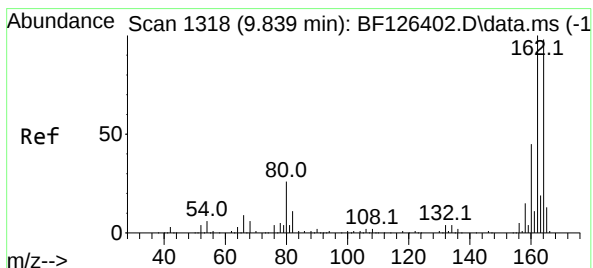
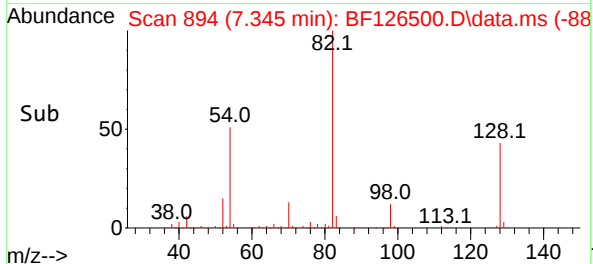
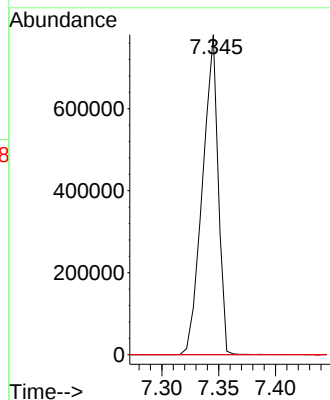
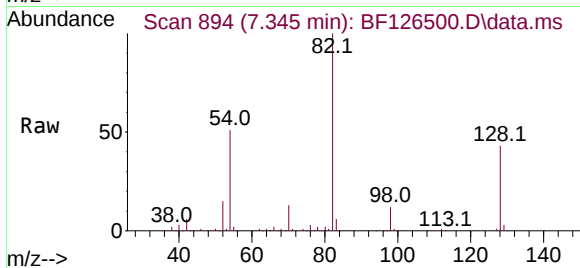




#25
Isophorone
Concen: 52.312 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

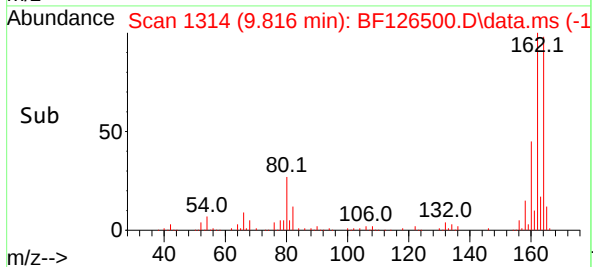
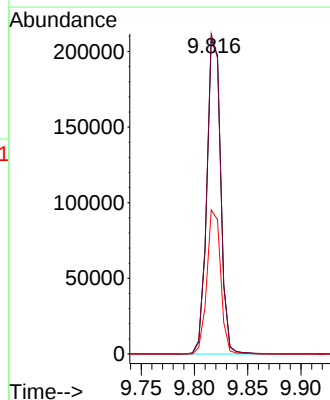
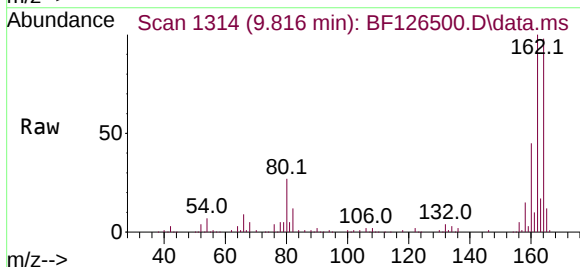
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

Tgt Ion: 82 Resp: 748297
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion: 164 Resp: 189774
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.910 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126500.D

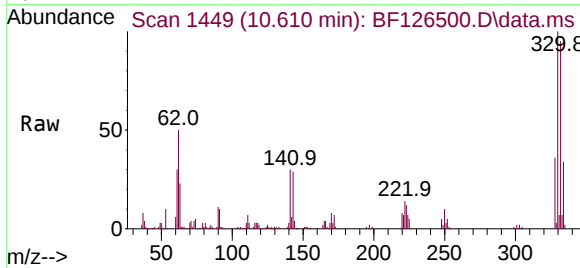
Acq: 5 Jan 2022 17:04

Instrument :

BNA_F

ClientSampleId :

20211308-CAPE-2-SITE-WATER



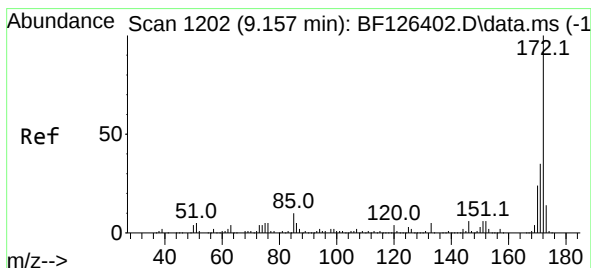
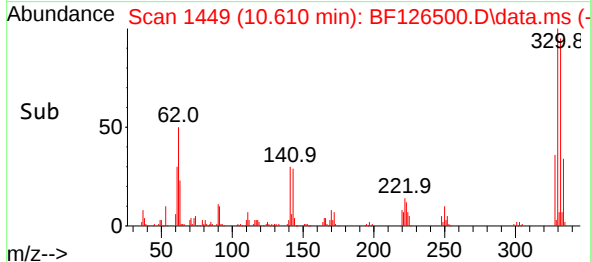
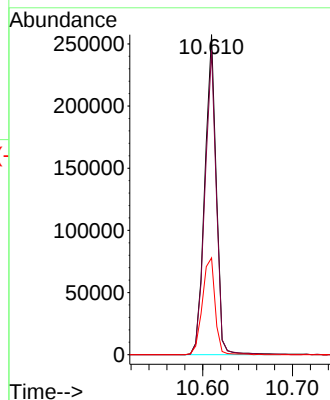
Tgt Ion:330 Resp: 228637

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 33.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 96.667 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126500.D

Acq: 5 Jan 2022 17:04

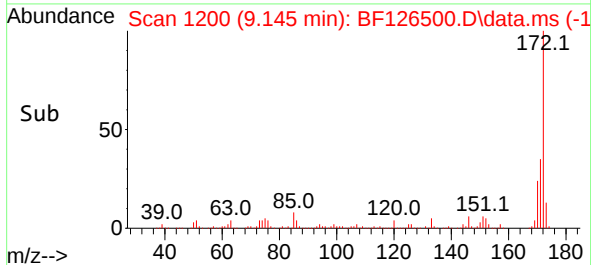
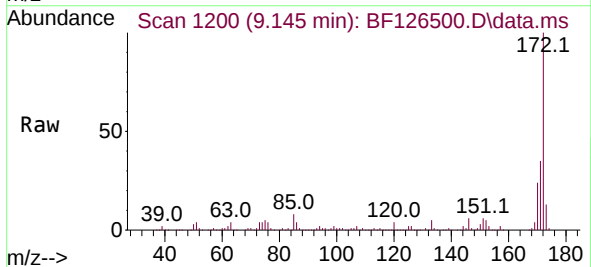
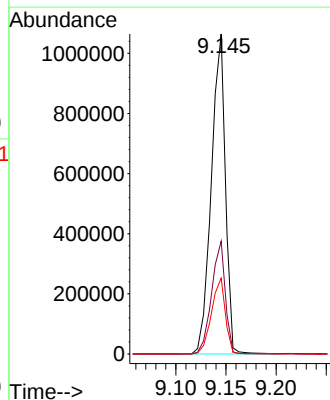
Tgt Ion:172 Resp: 1042489

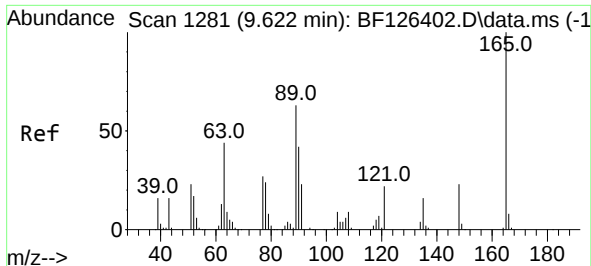
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.0 28.6

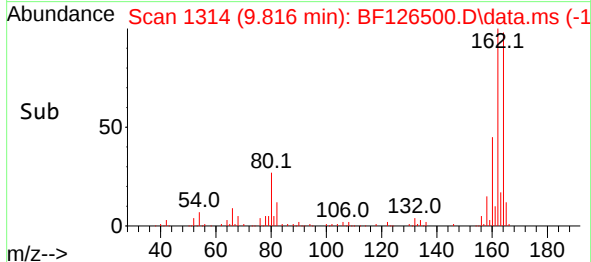
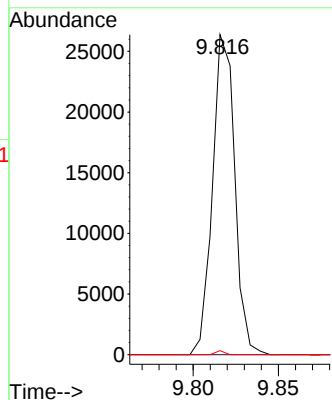
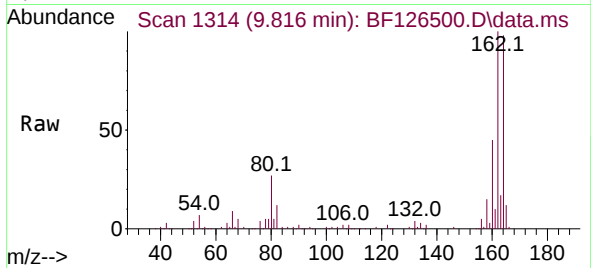




#51
2,6-Dinitrotoluene
Concen: 9.349 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

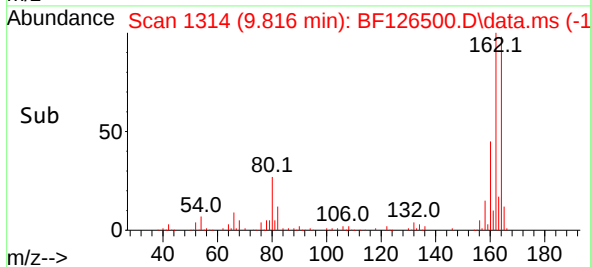
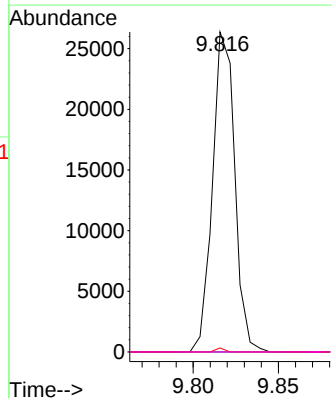
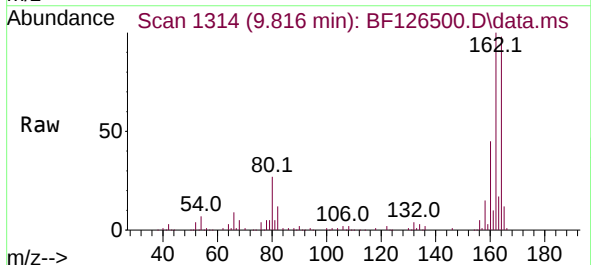
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20211308-CAPE-2-SITE-WATER

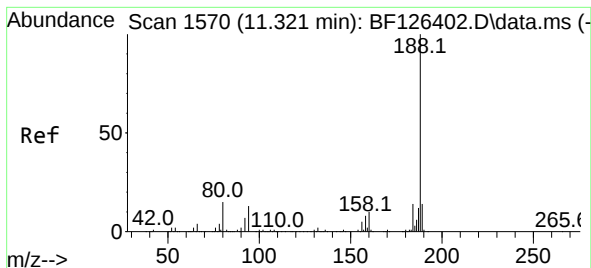
Tgt Ion:165 Resp: 23921
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.247 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:165 Resp: 23921
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126500.D

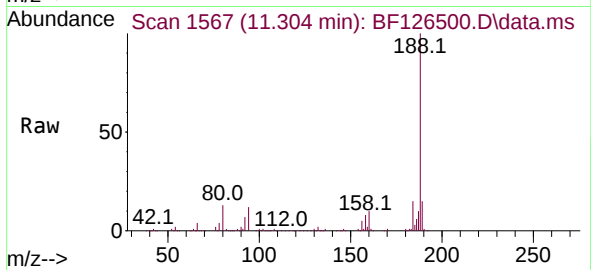
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Instrument :

BNA_F

ClientSampleId :

20211308-CAPE-2-SITE-WATER



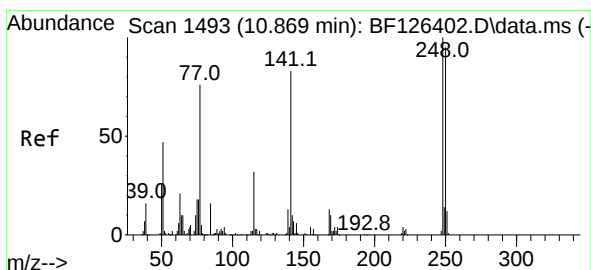
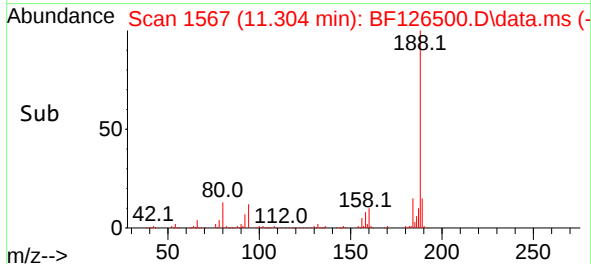
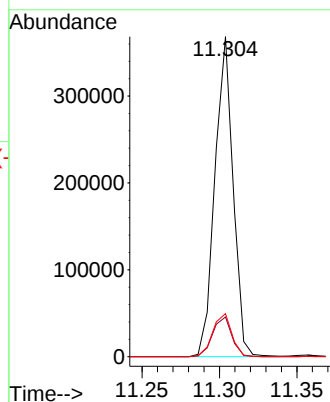
Tgt Ion:188 Resp: 301029

Ion Ratio Lower Upper

188 100

94 12.4 10.1 15.1

80 13.4 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.566 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126500.D

Acq: 5 Jan 2022 17:04

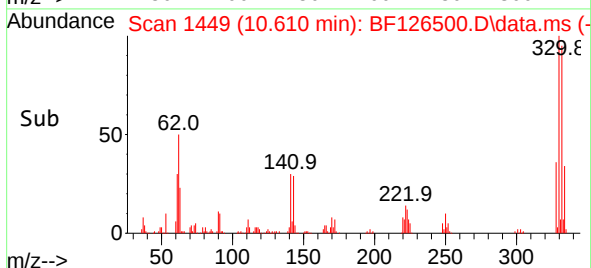
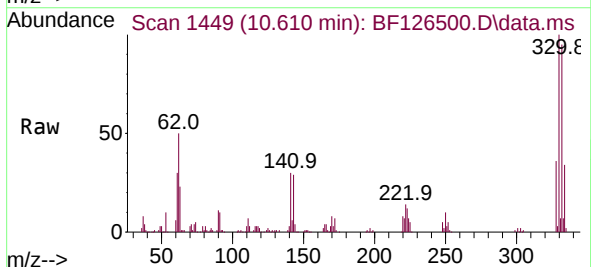
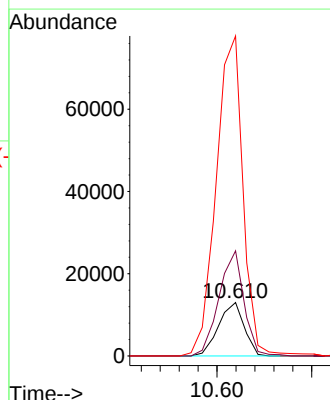
Tgt Ion:248 Resp: 12201

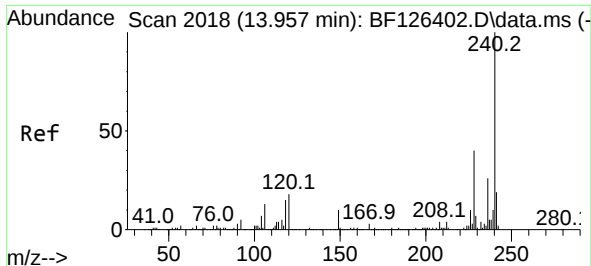
Ion Ratio Lower Upper

248 100

250 196.6 76.2 114.4#

141 598.6 66.2 99.4#

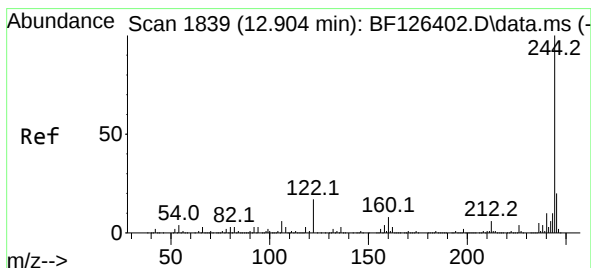
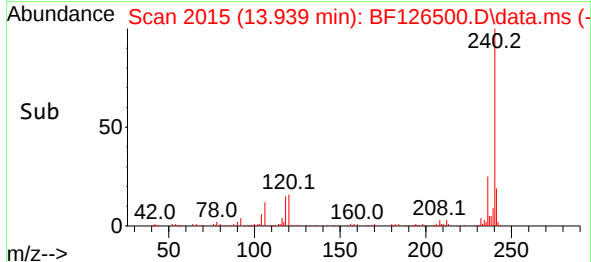
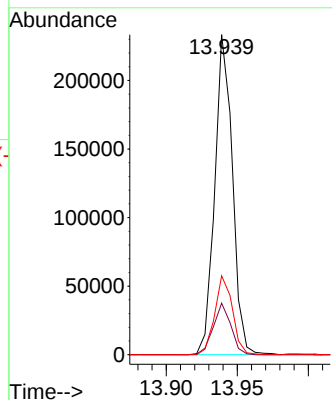
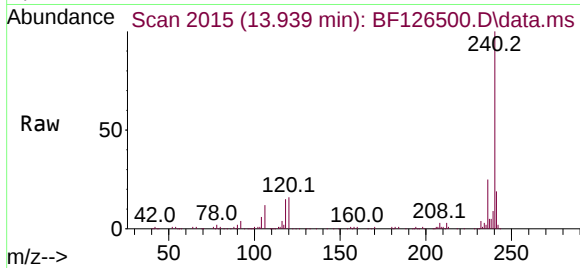




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

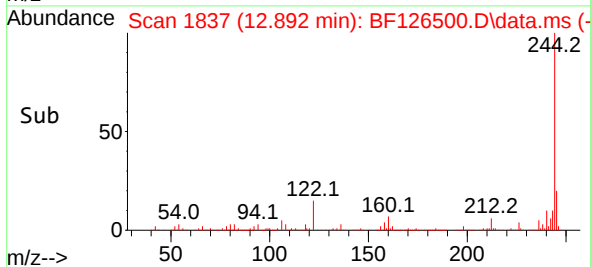
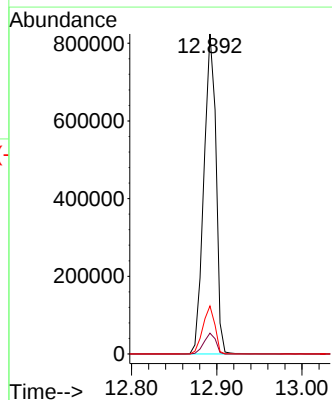
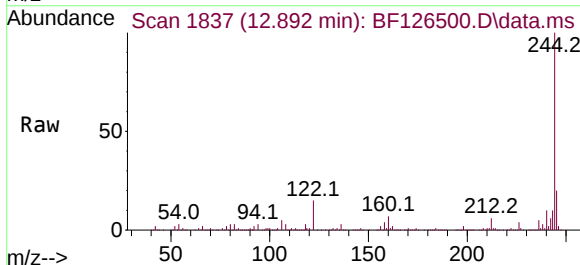
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

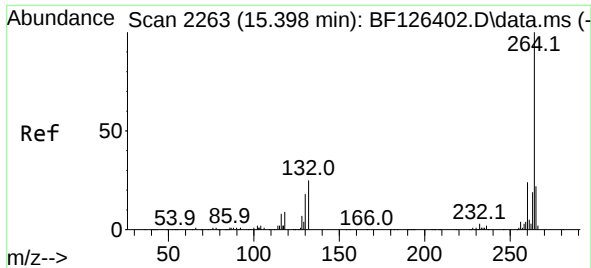
Tgt Ion:240 Resp: 202311
Ion Ratio Lower Upper
240 100
120 16.1 14.4 21.6
236 24.6 20.5 30.7



#79
Terphenyl-d14
Concen: 78.020 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:244 Resp: 812392
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 15.0 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

Tgt Ion:264 Resp: 155597

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.3	17.4	26.2

