

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133303.D
 Acq On : 08 May 2023 19:40
 Operator : CG\JU
 Sample : 02660-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-SAMPLE-API-3-6

Quant Time: May 09 05:08:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

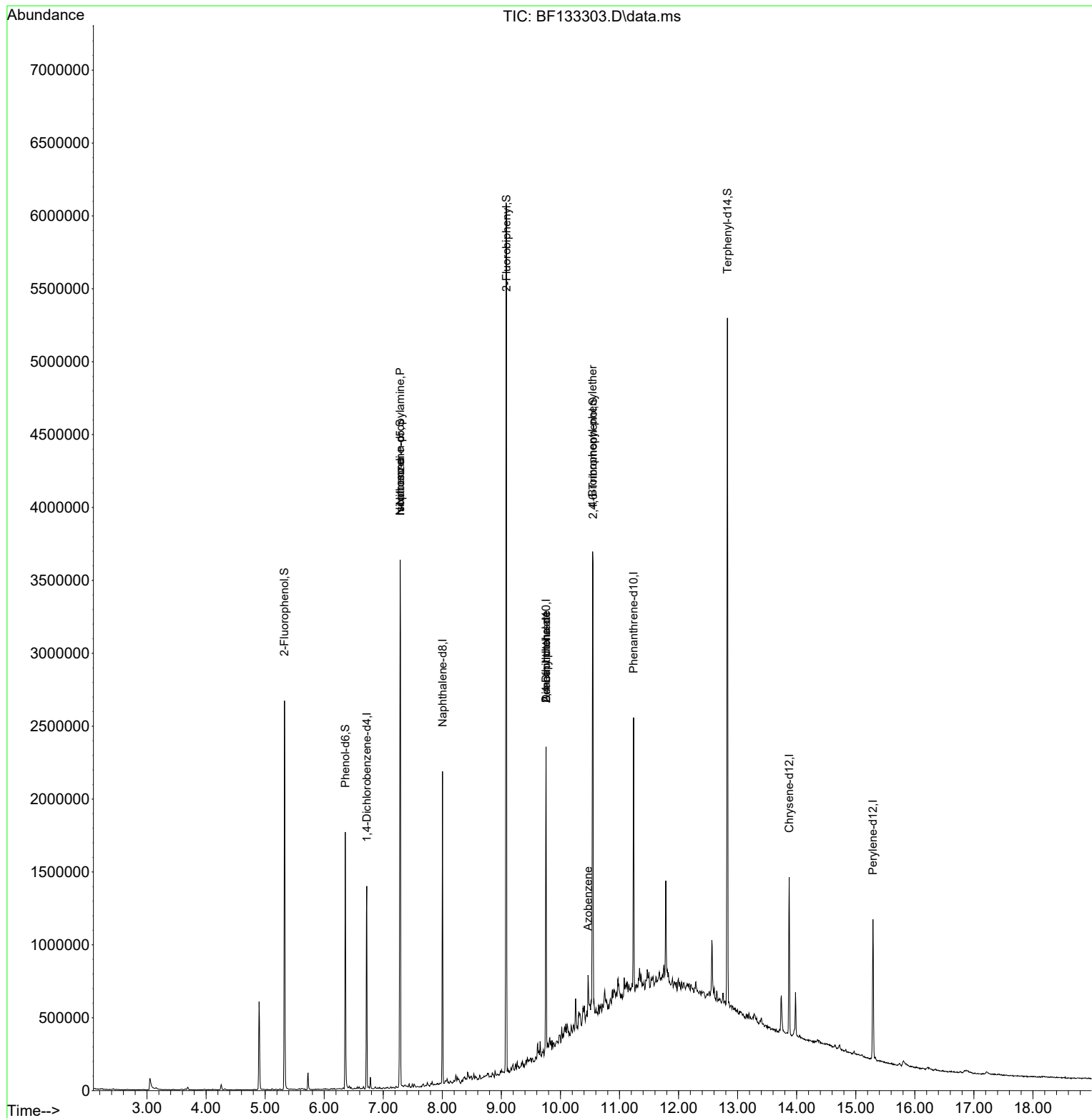
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	195838	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	764759	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	383307	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	627428	20.000	ng	0.00
76) Chrysene-d12	13.874	240	340754	20.000	ng	0.00
86) Perylene-d12	15.292	264	399933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	715357	55.180	ng	0.00
7) Phenol-d6	6.357	99	519854	32.307	ng	-0.01
23) Nitrobenzene-d5	7.286	82	1220635	86.153	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	467264	121.213	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2017310	88.048	ng	0.00
79) Terphenyl-d14	12.827	244	1735874	87.858	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	871	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.286	70	161965	16.168	ng	# 78
25) Isophorone	7.286	82	1219763	45.343	ng	# 63
50) Dimethylphthalate	9.757	163	78059	2.921	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	51102	6.661	ng	# 25
63) Azobenzene	10.469	77	57991	2.168	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	29447	4.327	ng	# 1

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

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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QLast Update : Tue May 09 04:59:36 2023
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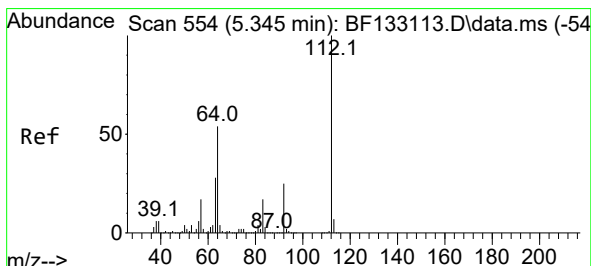
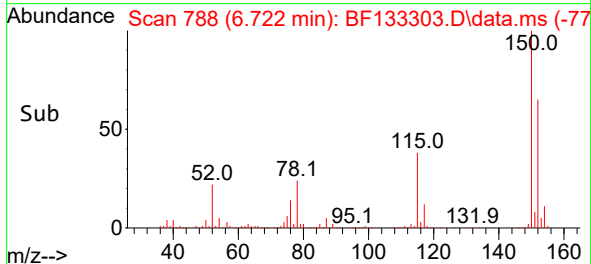
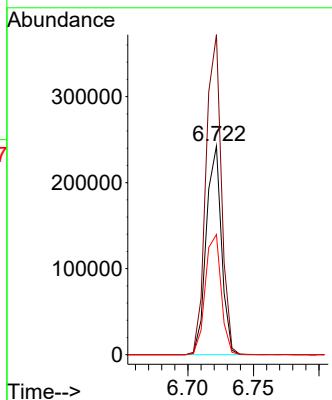
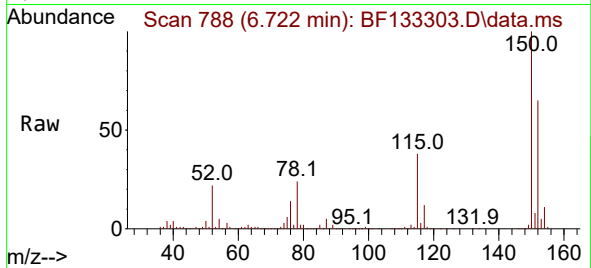




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

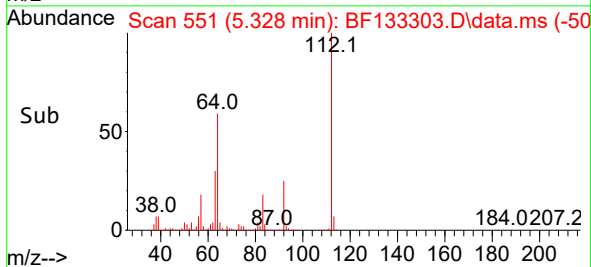
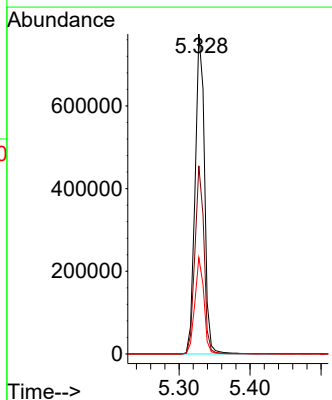
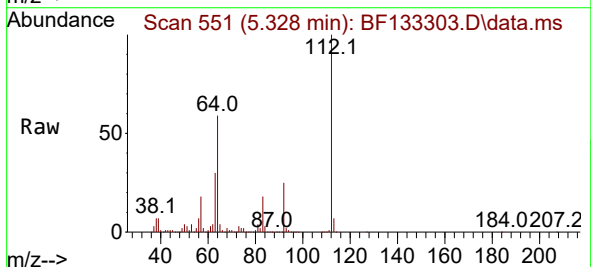
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

Tgt Ion:152 Resp: 195838
Ion Ratio Lower Upper
152 100
150 153.3 124.8 187.2
115 57.6 49.9 74.9



#5
2-Fluorophenol
Concen: 55.180 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion:112 Resp: 715357
Ion Ratio Lower Upper
112 100
64 58.8 46.8 70.2
63 30.1 23.8 35.8





#7

Phenol-d6

Concen: 32.307 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133303.D

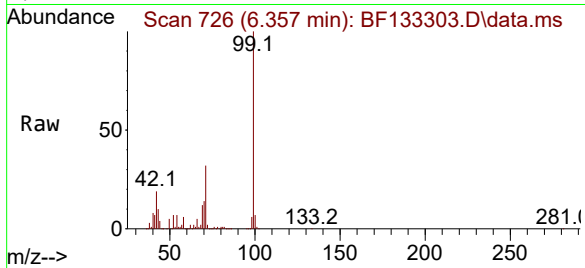
Acq: 08 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-6



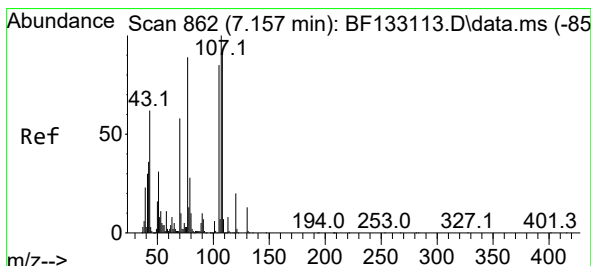
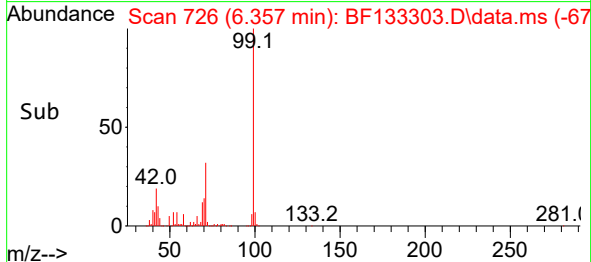
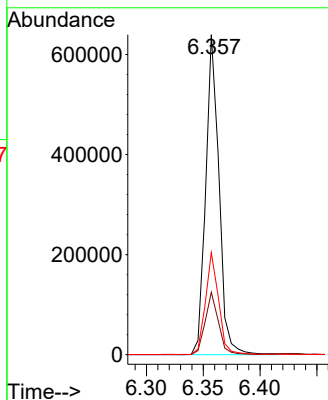
Tgt Ion: 99 Resp: 519854

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

71 31.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.168 ng

RT: 7.286 min Scan# 884

Delta R.T. 0.141 min

Lab File: BF133303.D

Acq: 08 May 2023 19:40

Tgt Ion: 70 Resp: 161965

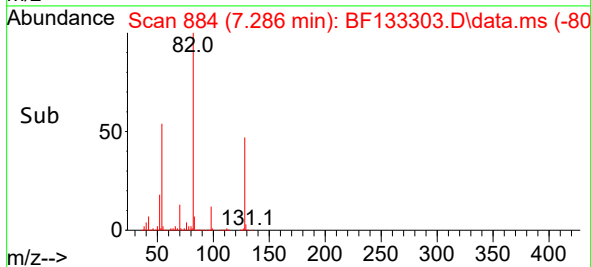
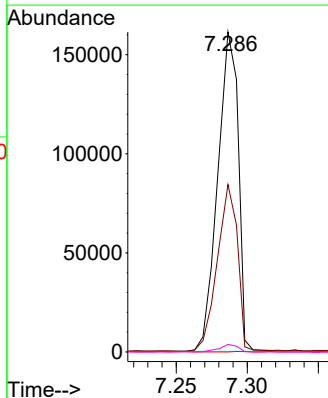
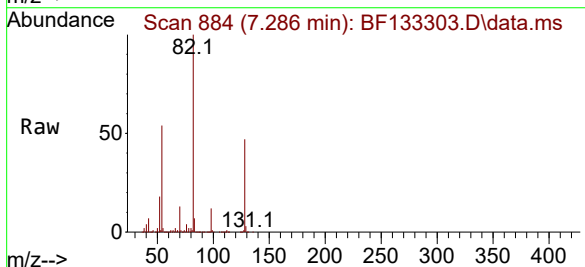
Ion Ratio Lower Upper

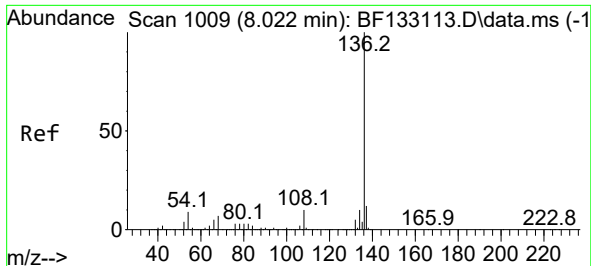
70 100

42 52.3 51.8 77.6

101 0.0 8.0 12.0#

130 2.4 16.8 25.2#

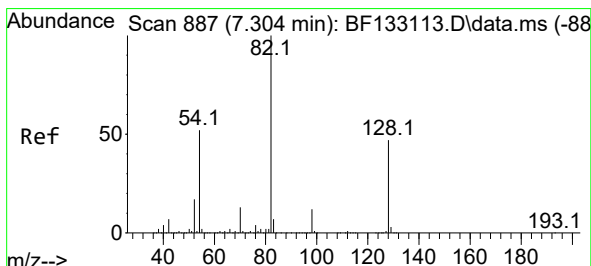
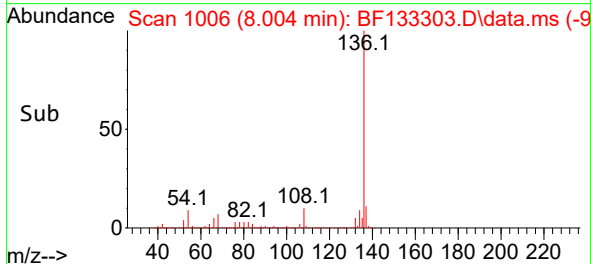
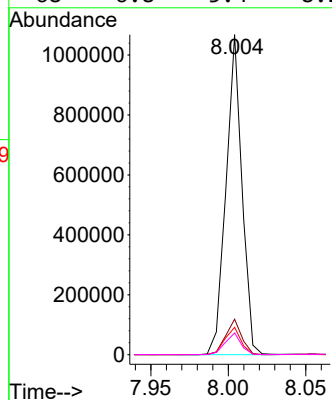
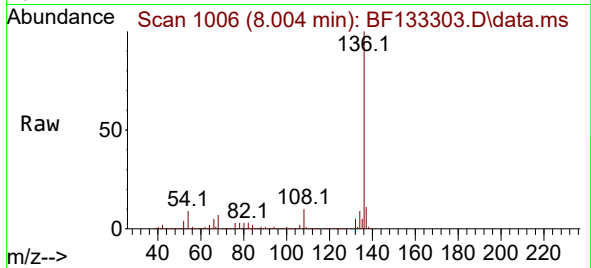




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

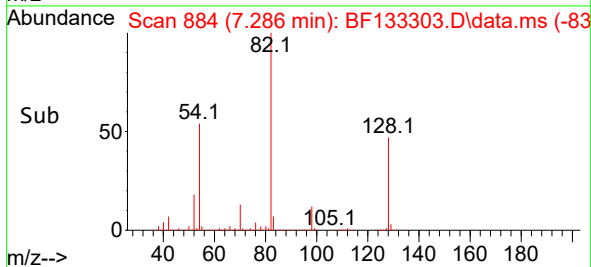
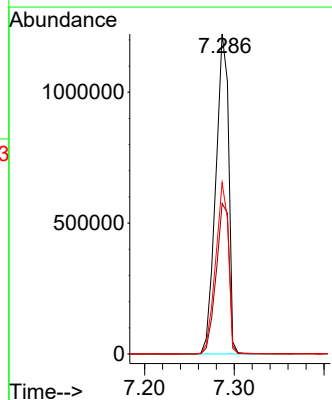
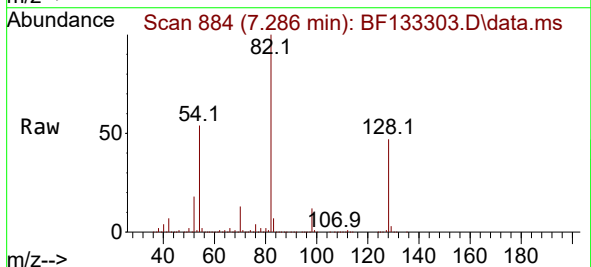
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

Tgt Ion:136 Resp: 764759
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 7.0 10.4
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.153 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion: 82 Resp: 1220635
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 53.5 43.0 64.4

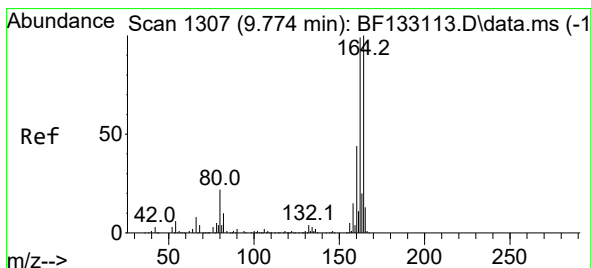
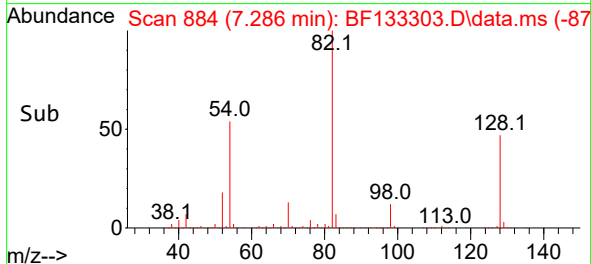
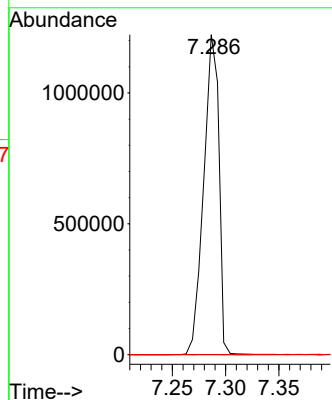
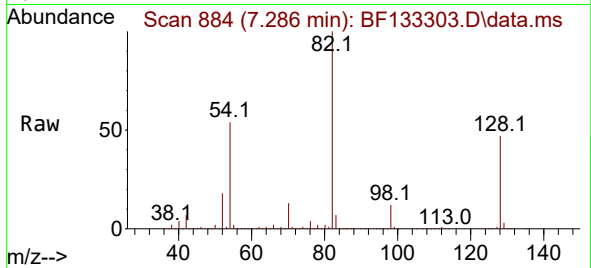




#25
Isophorone
Concen: 45.343 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

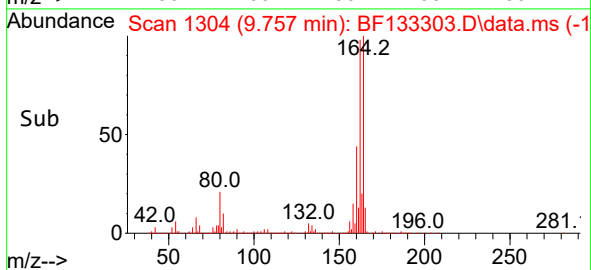
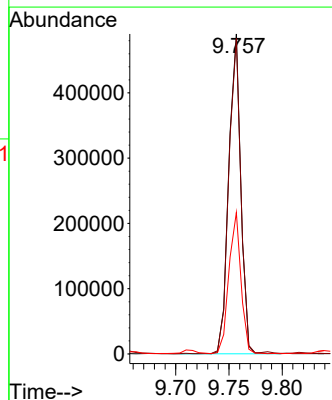
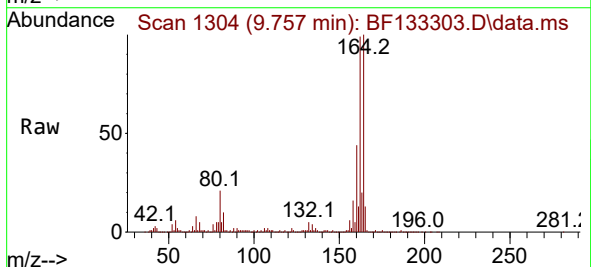
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

Tgt Ion: 82 Resp: 1219763
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion:164 Resp: 383307
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 121.213 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133303.D

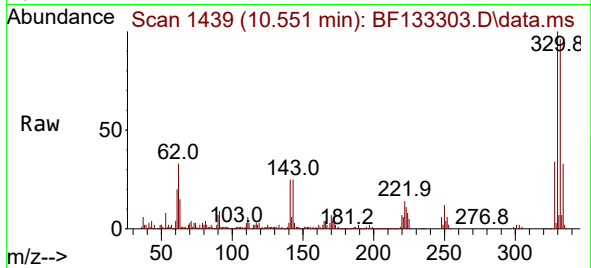
Acq: 08 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-6



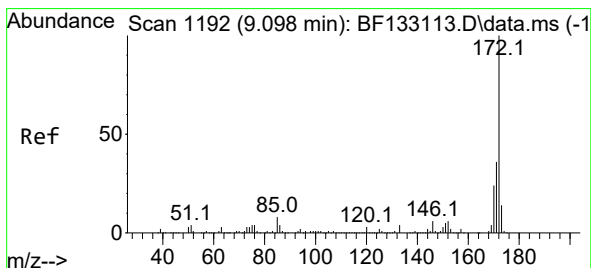
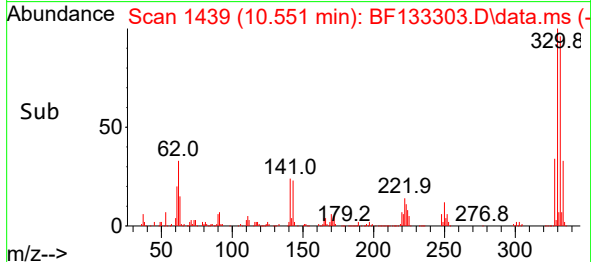
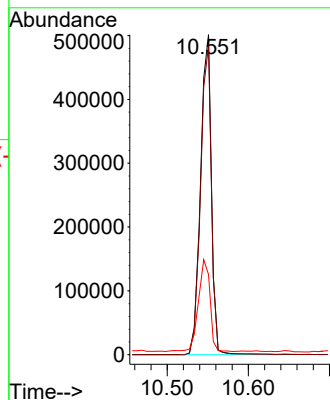
Tgt Ion:330 Resp: 467264

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 30.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.048 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133303.D

Acq: 08 May 2023 19:40

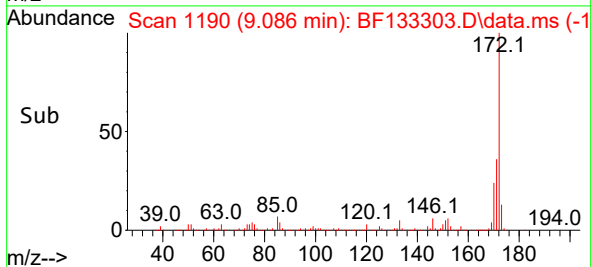
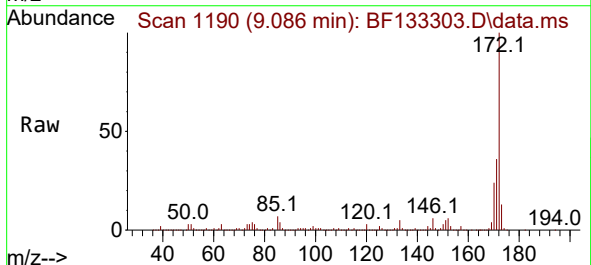
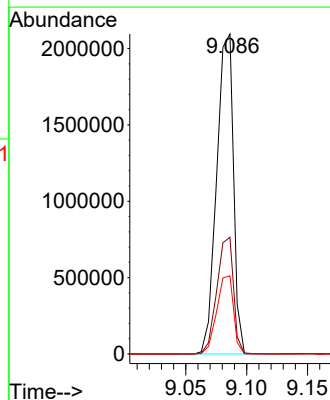
Tgt Ion:172 Resp: 2017310

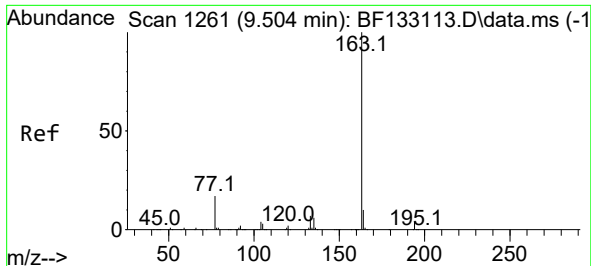
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.4 19.4 29.2

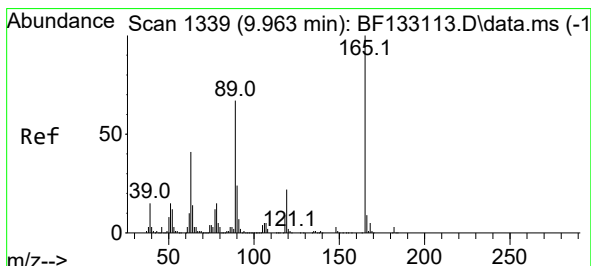
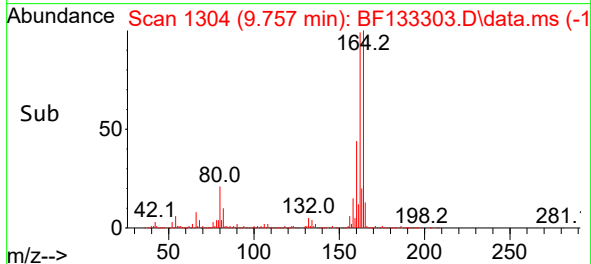
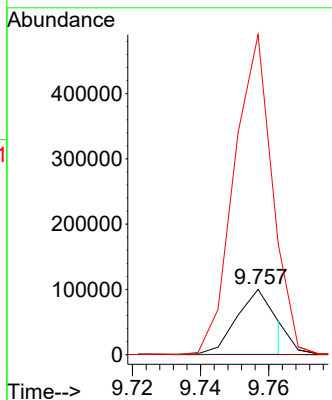
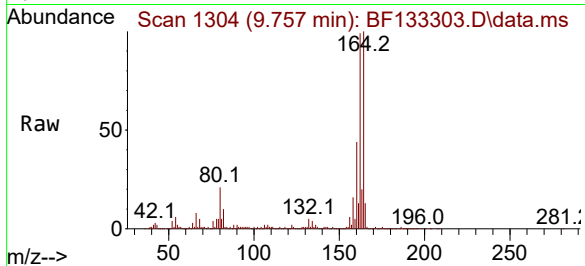




#50
Dimethylphthalate
Concen: 2.921 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

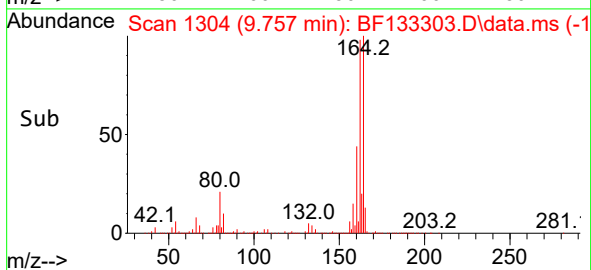
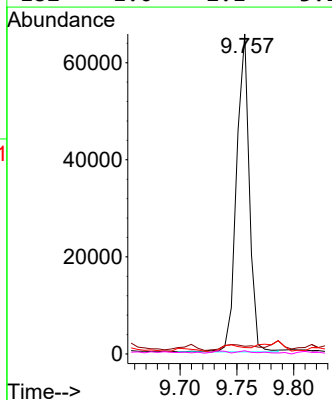
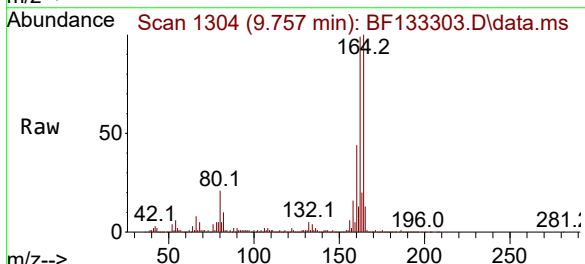
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

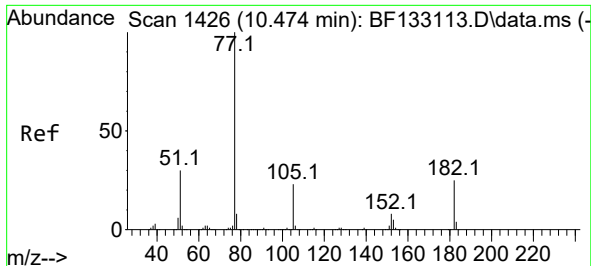
Tgt Ion:163 Resp: 78059
Ion Ratio Lower Upper
163 100
194 0.2 3.1 4.7#
164 490.1 8.5 12.7#



#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion:165 Resp: 51102
Ion Ratio Lower Upper
165 100
63 2.4 37.7 56.5#
89 2.0 57.0 85.4#
182 1.0 2.1 3.1#

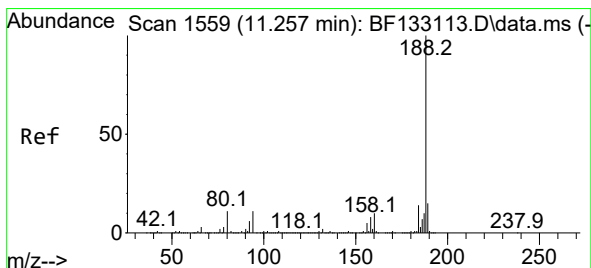
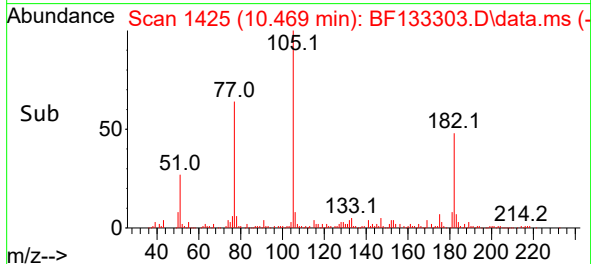
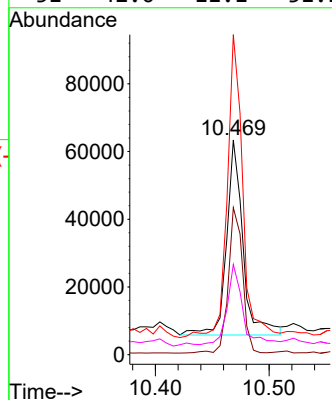
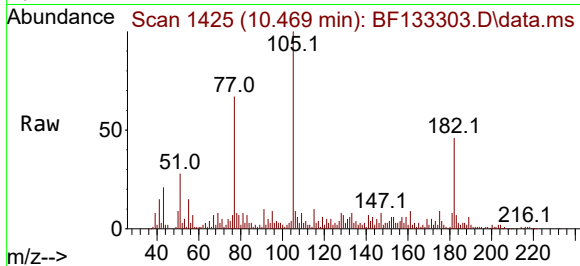




#63
Azobenzene
Concen: 2.168 ng
RT: 10.469 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

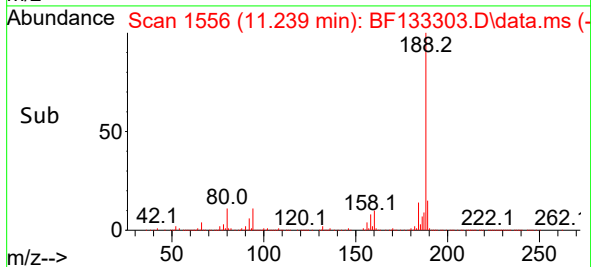
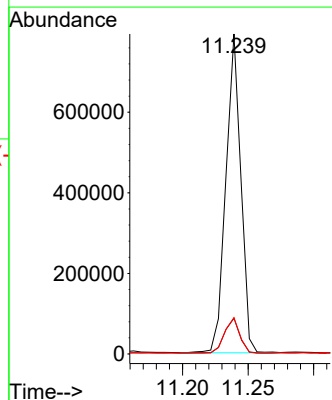
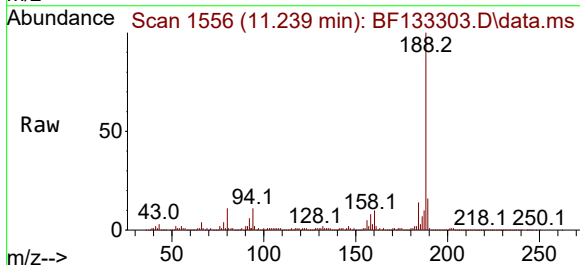
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

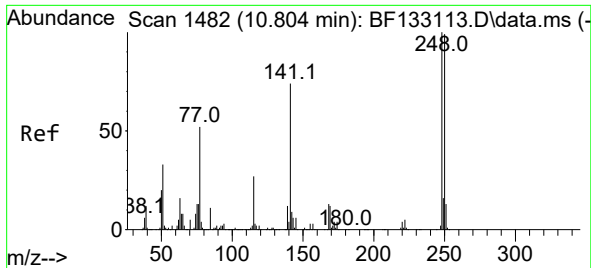
Tgt Ion: 77	Resp: 57991
Ion Ratio	Lower Upper
77 100	
182 68.5	5.9 45.9#
105 149.1	2.3 42.3#
51 42.0	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion: 188	Resp: 627428
Ion Ratio	Lower Upper
188 100	
94 11.1	9.7 14.5
80 11.3	10.4 15.6

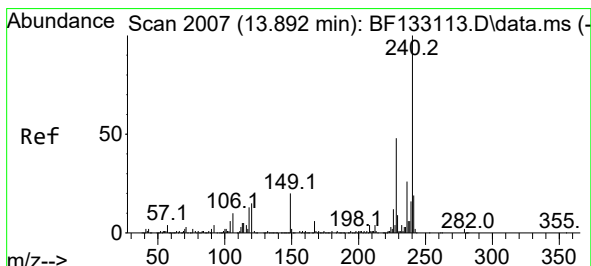
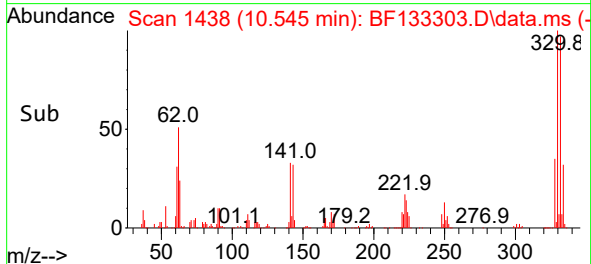
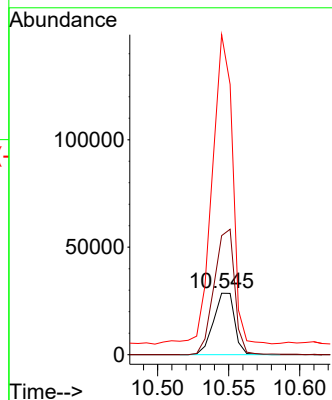
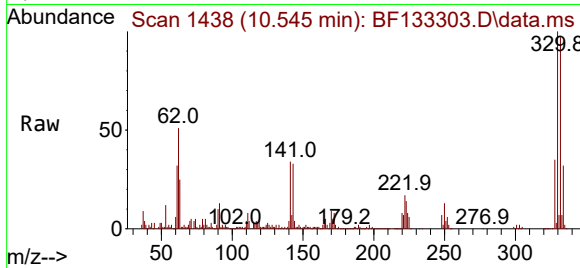




#67
4-Bromophenyl-phenylether
Concen: 4.327 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

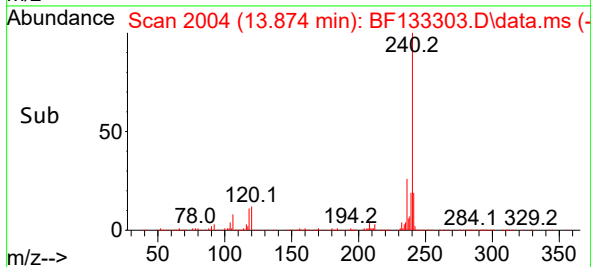
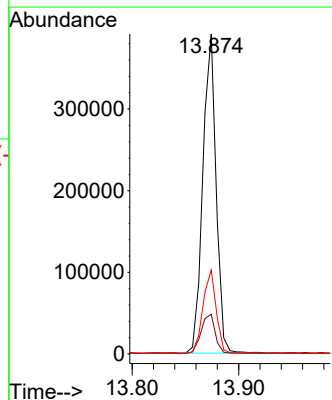
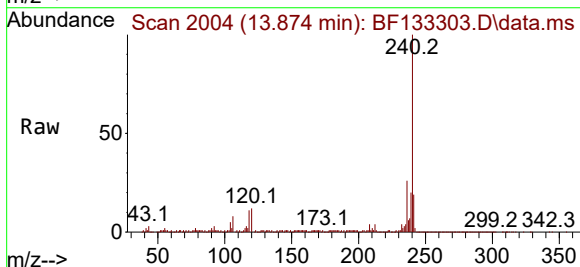
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-6

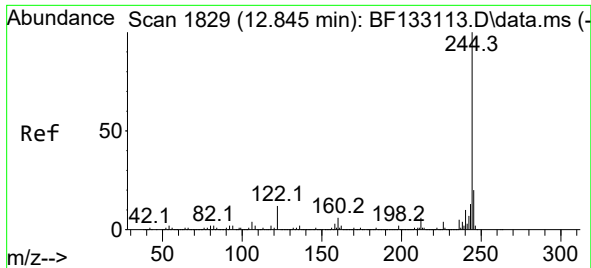
Tgt Ion:248 Resp: 29447
Ion Ratio Lower Upper
248 100
250 193.5 78.7 118.1#
141 520.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133303.D
Acq: 08 May 2023 19:40

Tgt Ion:240 Resp: 340754
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 26.3 21.5 32.3

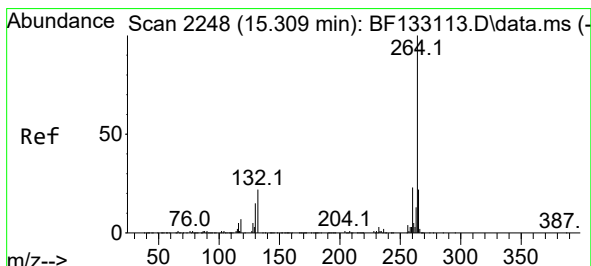
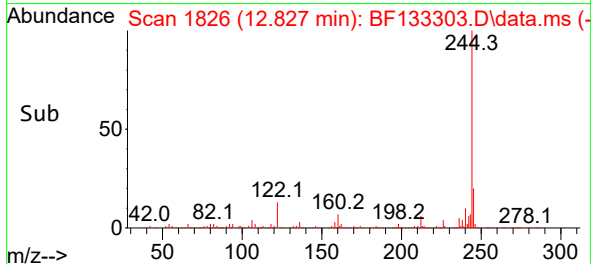
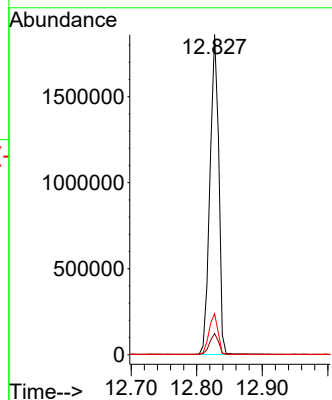
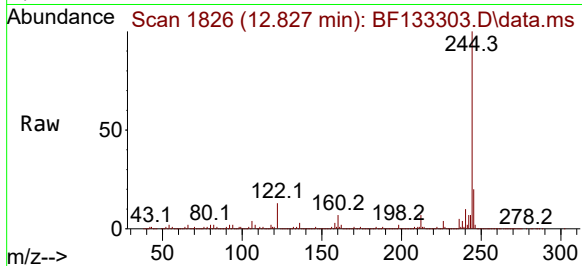




#79
 Terphenyl-d14
 Concen: 87.858 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133303.D
 Acq: 08 May 2023 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WATER-SAMPLE-API-3-6

Tgt Ion:244 Resp: 1735874
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133303.D
 Acq: 08 May 2023 19:40

Tgt Ion:264 Resp: 399933
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 20.6 17.0 25.4

