

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123893.D
 Acq On : 10 May 2021 20:01
 Operator : JU/CG
 Sample : M2307-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 11 03:37:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

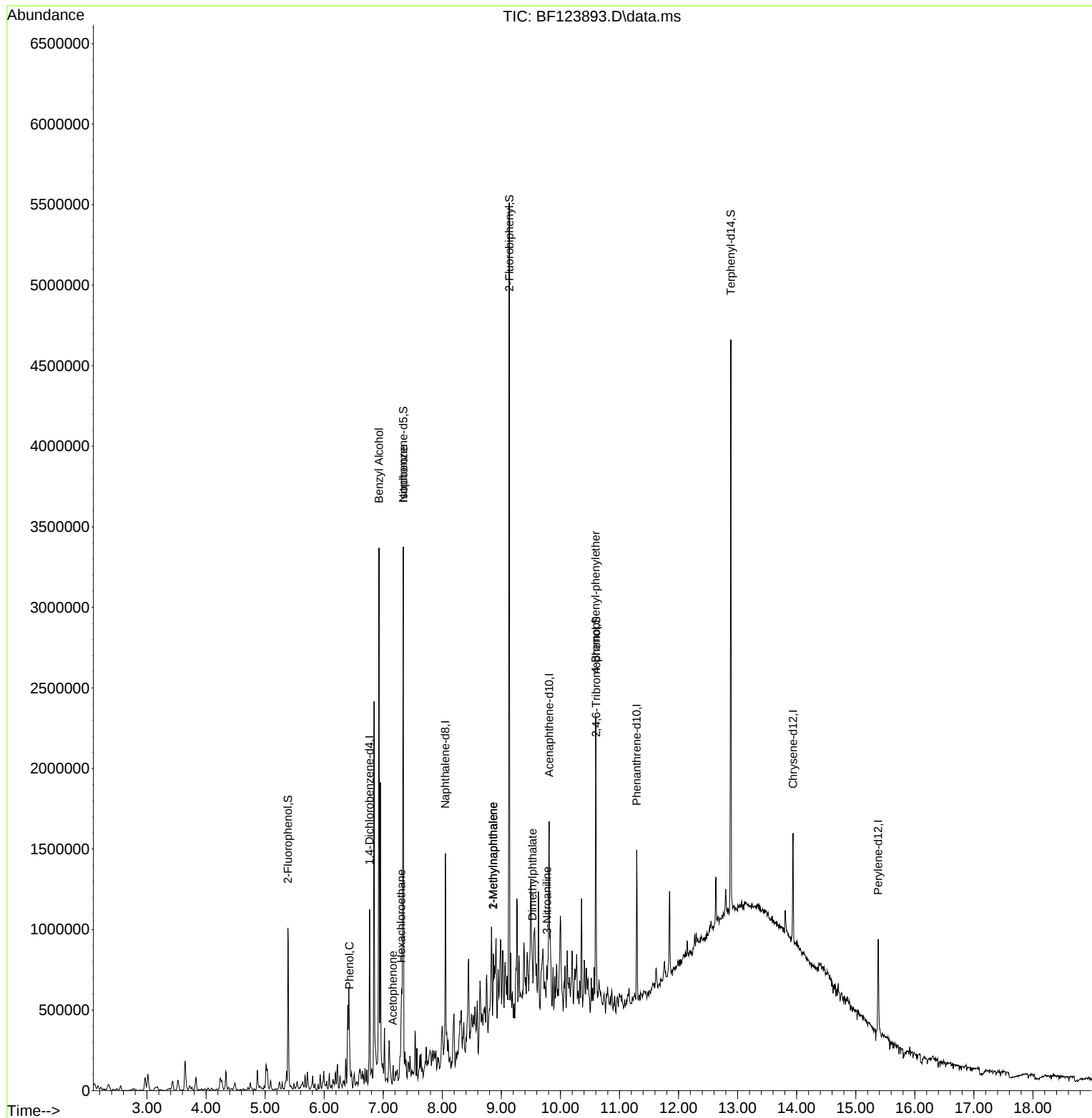
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	116912	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	425429	20.00	ng	0.00
39) Acenaphthene-d10	9.810	164	199782	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	298171	20.00	ng	0.00
76) Chrysene-d12	13.939	240	242648	20.00	ng	0.00
86) Perylene-d12	15.380	264	258491	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	228611	28.56	ng	0.00
7) Phenol-d6	6.216	99	6494	0.61	ng	-0.20
23) Nitrobenzene-d5	7.339	82	817445	79.76	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	213708	72.62	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1288568	80.49	ng	0.00
79) Terphenyl-d14	12.886	244	1112724	74.94	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	1652	Below Cal	#	77
10) Phenol	6.428	94	39095	3.45	ng	83
15) Benzyl Alcohol	6.928	79	18382	2.13	ng	# 51
18) Hexachloroethane	7.304	117	41336	11.63	ng	# 27
22) Acetophenone	7.163	105	25629	2.04	ng	# 54
25) Isophorone	7.339	82	807368	45.78	ng	# 69
37) 2-Methylnaphthalene	8.863	142	37727	2.47	ng	98
38) 1-Methylnaphthalene	8.863	142	37727	2.57	ng	99
50) Dimethylphthalate	9.527	163	46500	3.07	ng	# 75
53) 3-Nitroaniline	9.774	138	9917	2.56	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	11251	3.53	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.803	276	1173	Below Cal	#	82

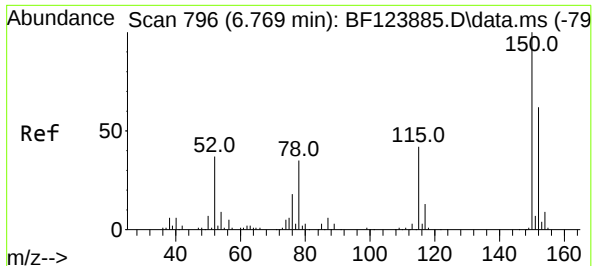
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
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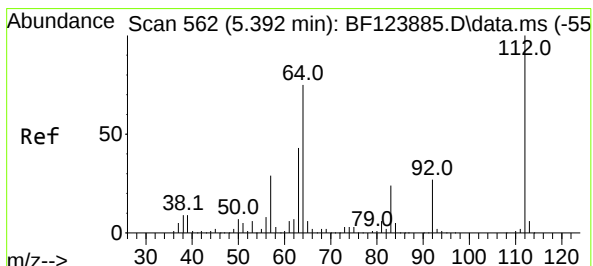
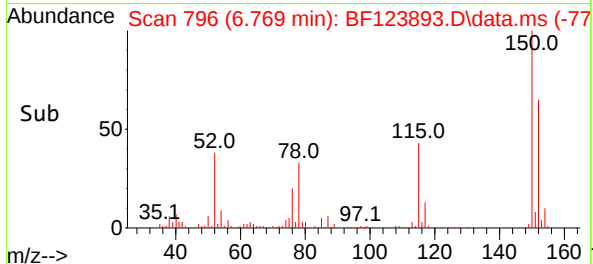
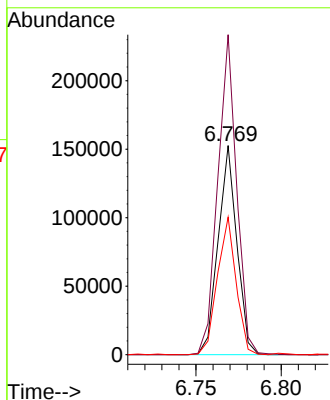
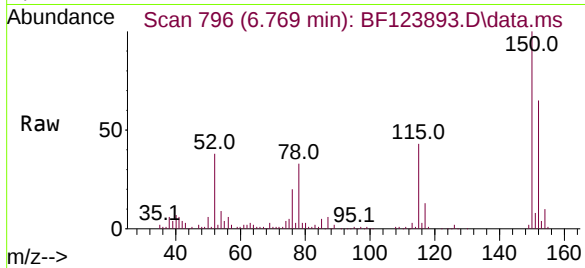




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

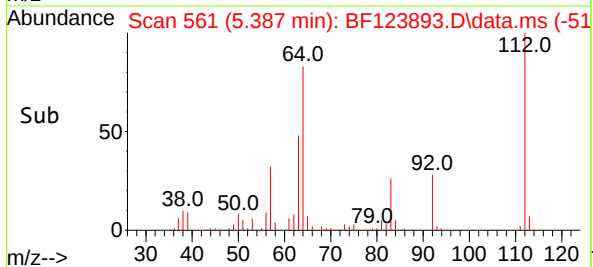
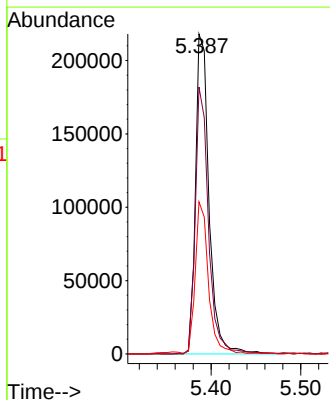
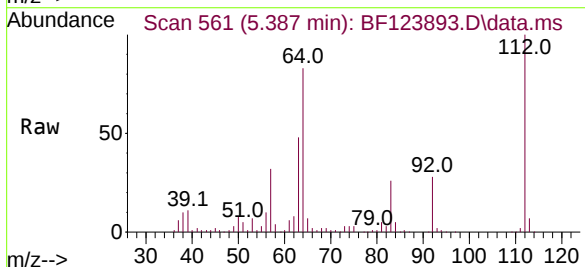
Instrument :
BNA_F
ClientSampleId :
MW-05

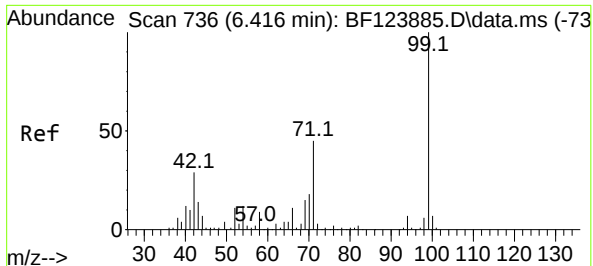
Tgt Ion:152 Resp: 116912
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 65.8 54.3 81.5



#5
2-Fluorophenol
Concen: 28.56 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:112 Resp: 228611
Ion Ratio Lower Upper
112 100
64 83.4 61.4 92.0
63 47.6 33.0 49.4

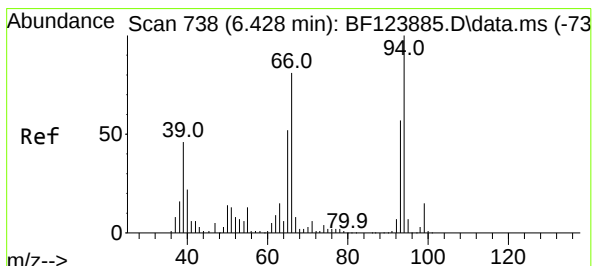
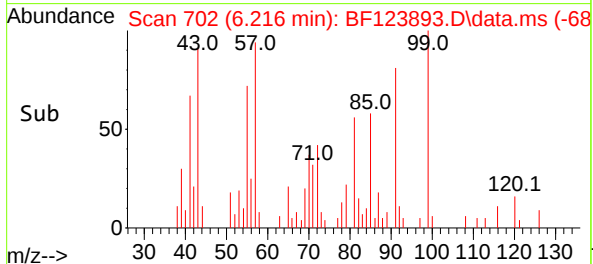
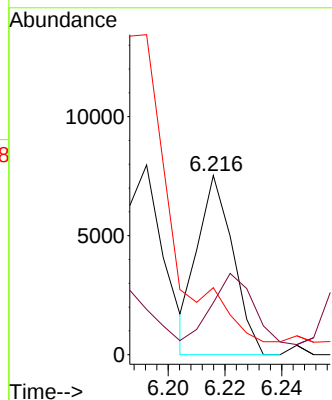
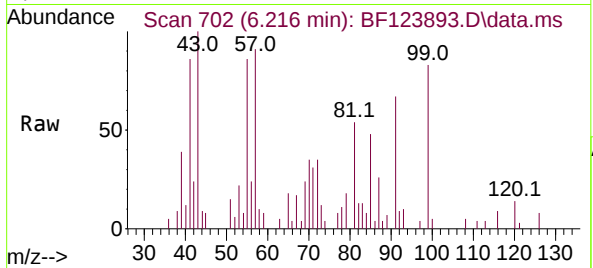




#7
Phenol-d6
Concen: 0.61 ng
RT: 6.216 min Scan# 702
Delta R.T. -0.200 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

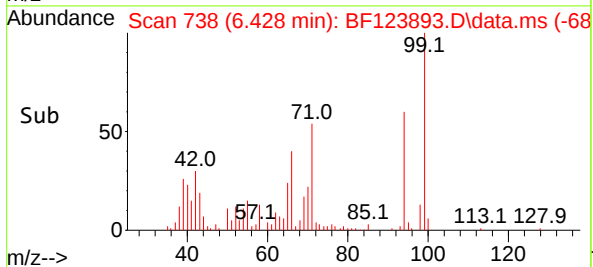
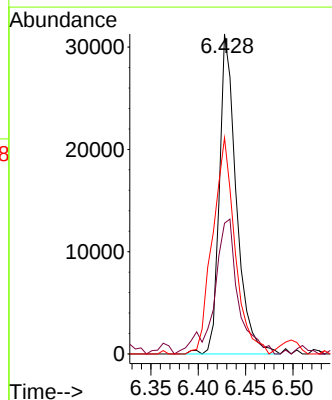
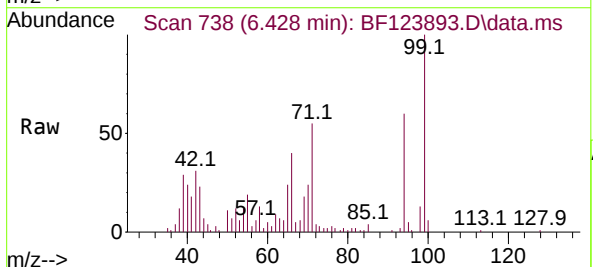
Instrument :
BNA_F
ClientSampled :
MW-05

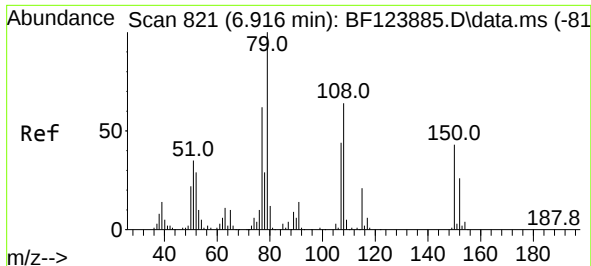
Tgt Ion: 99 Resp: 6494
Ion Ratio Lower Upper
99 100
42 29.0 19.8 29.8
71 37.5 31.1 46.7



#10
Phenol
Concen: 3.45 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion: 94 Resp: 39095
Ion Ratio Lower Upper
94 100
65 40.8 18.1 58.1
66 67.5 29.0 69.0

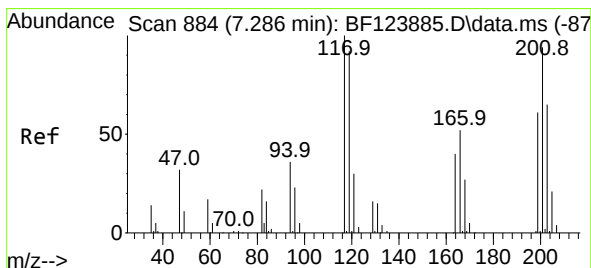
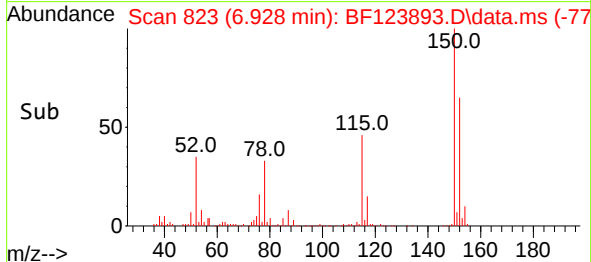
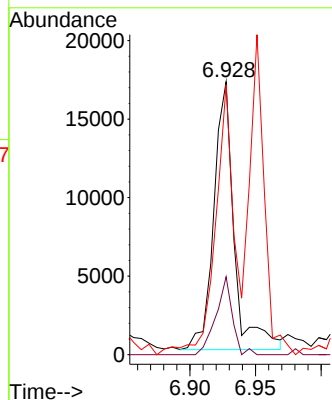
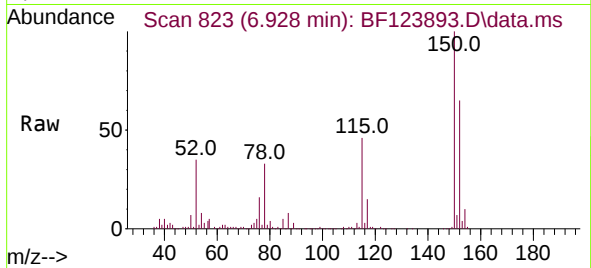




#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.012 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

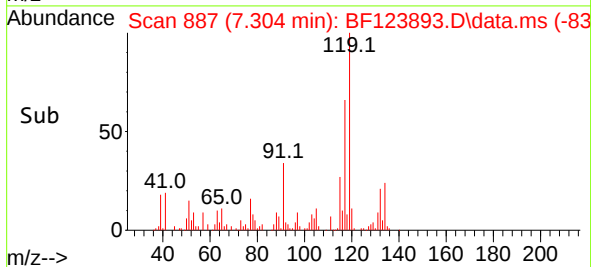
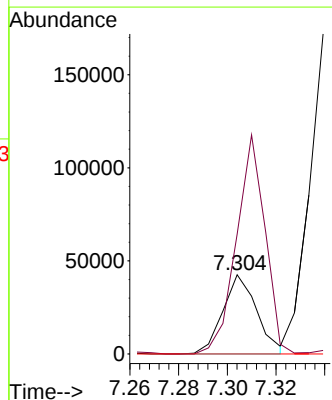
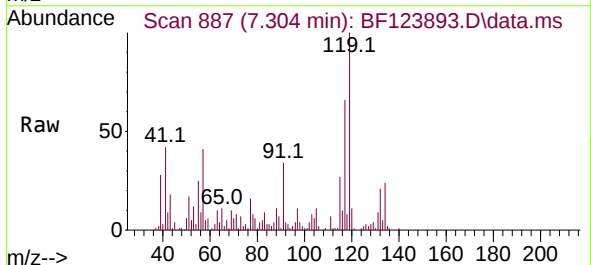
Instrument :
BNA_F
ClientSampled :
MW-05

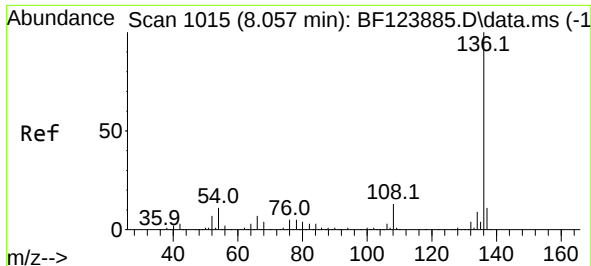
Tgt Ion: 79 Resp: 18382
Ion Ratio Lower Upper
79 100
108 28.5 55.8 83.8#
77 98.9 49.9 74.9#



#18
Hexachloroethane
Concen: 11.63 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.018 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion: 117 Resp: 41336
Ion Ratio Lower Upper
117 100
119 151.3 77.8 116.8#
201 0.0 67.8 101.8#

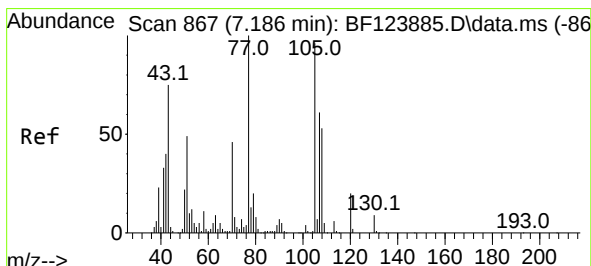
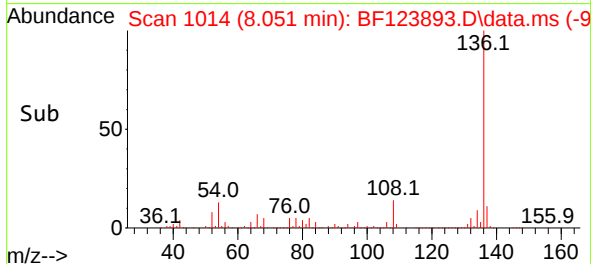
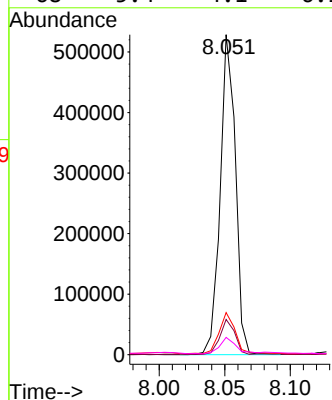
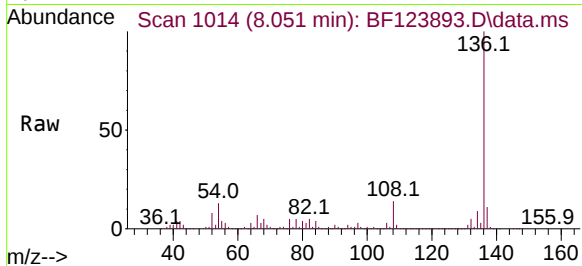




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

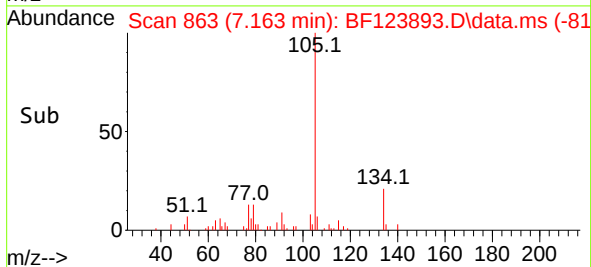
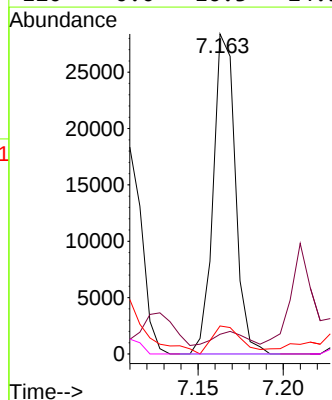
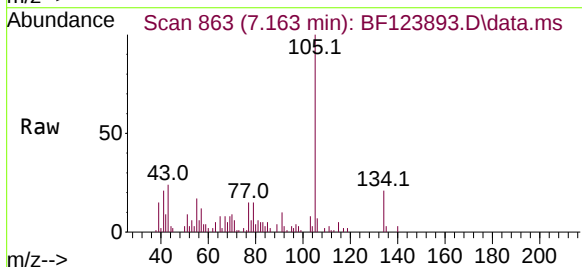
Instrument :
BNA_F
ClientSampled :
MW-05

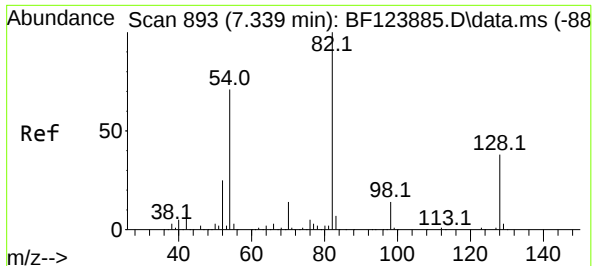
Tgt Ion:136	Resp: 425429
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 13.2	9.8 14.6
68 5.4	4.1 6.1



#22
Acetophenone
Concen: 2.04 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.024 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:105	Resp: 25629
Ion Ratio	Lower Upper
105 100	
71 6.2	4.2 6.4
51 8.7	33.6 50.4#
120 0.0	16.3 24.5#





#23

Nitrobenzene-d5

Concen: 79.76 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF123893.D

Acq: 10 May 2021 20:01

Tgt Ion: 82 Resp: 817445

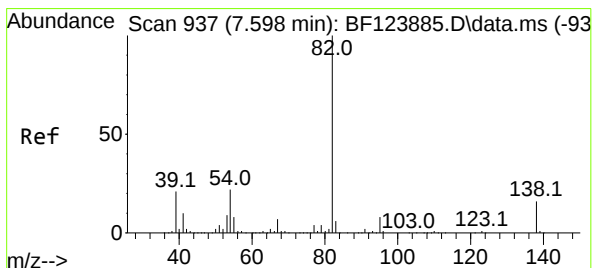
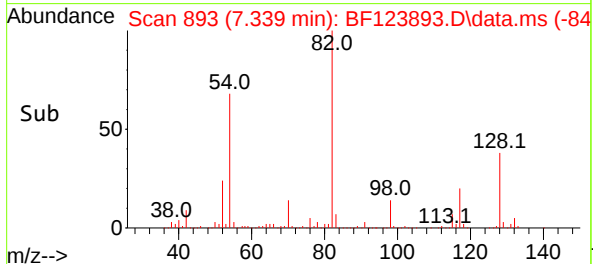
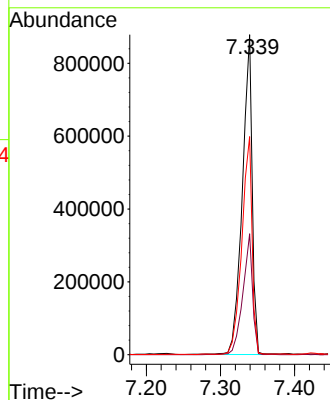
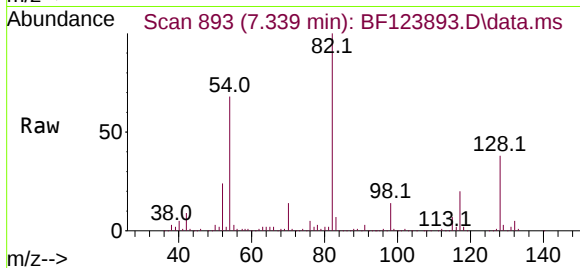
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	68.1	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MW-05



#25

Isophorone

Concen: 45.78 ng

RT: 7.339 min Scan# 893

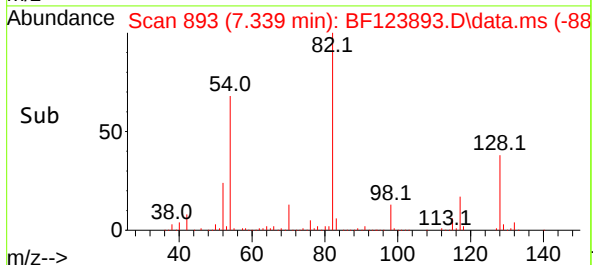
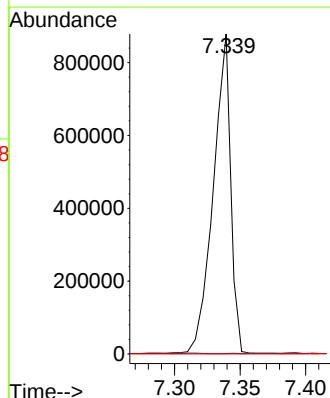
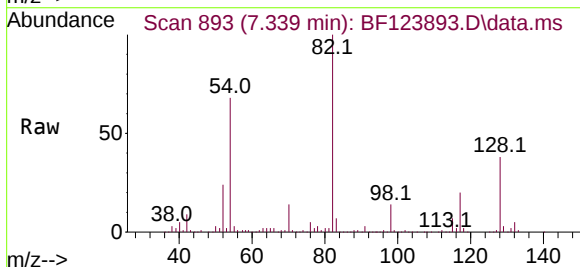
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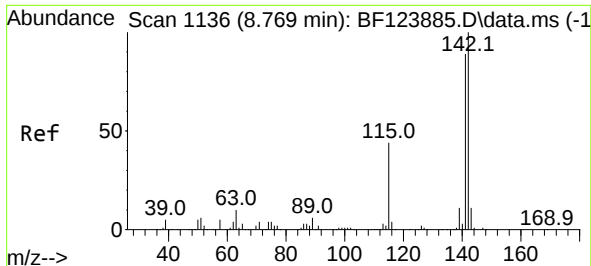
Lab File: BF123893.D

Acq: 10 May 2021 20:01

Tgt Ion: 82 Resp: 807368

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

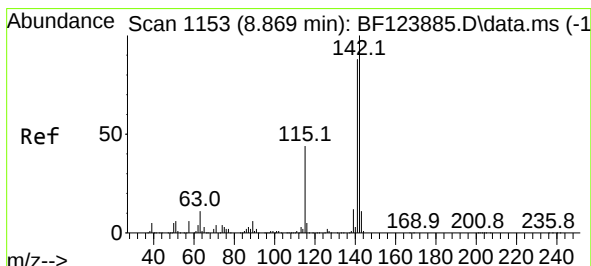
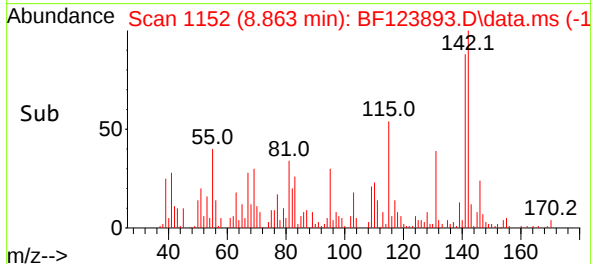
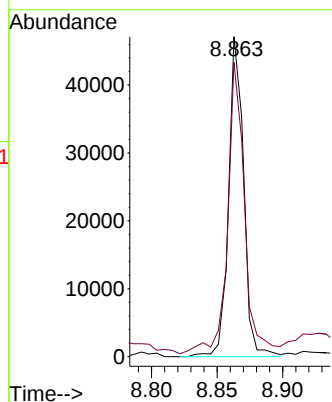
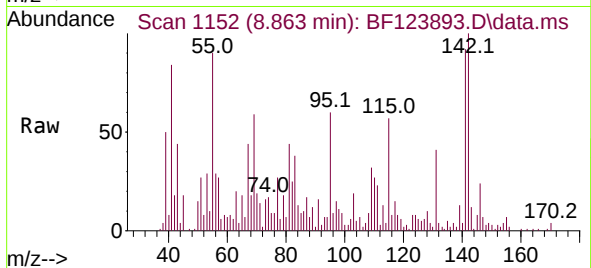




#37
2-Methylnaphthalene
Concen: 2.47 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.094 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

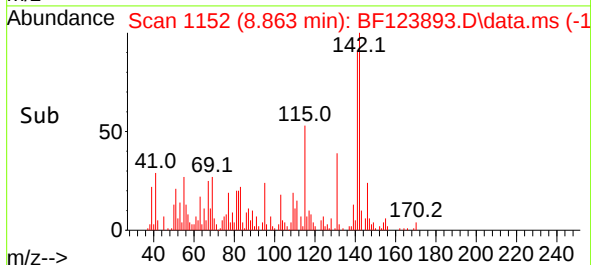
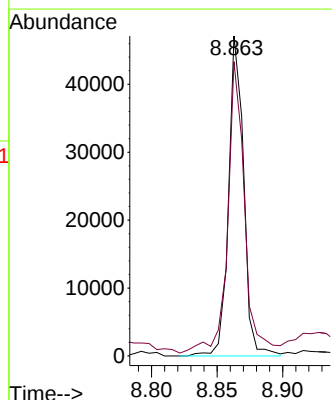
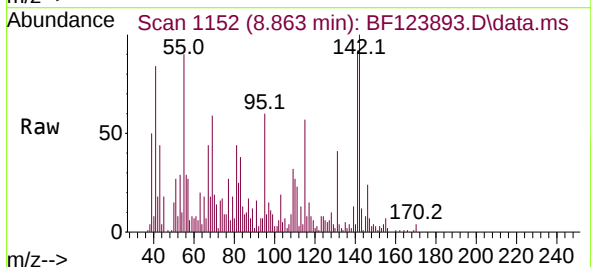
Instrument :
BNA_F
ClientSampleId :
MW-05

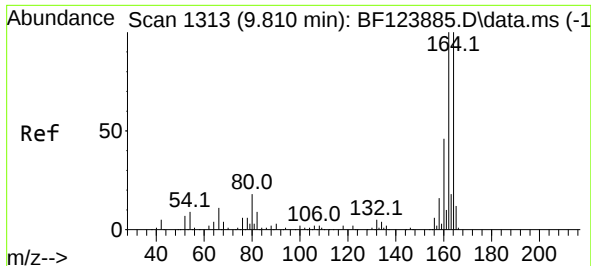
Tgt Ion:142 Resp: 37727
Ion Ratio Lower Upper
142 100
141 92.0 71.8 107.6



#38
1-Methylnaphthalene
Concen: 2.57 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:142 Resp: 37727
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF123893.D

Acq: 10 May 2021 20:01

Instrument :

BNA_F

ClientSampleId :

MW-05

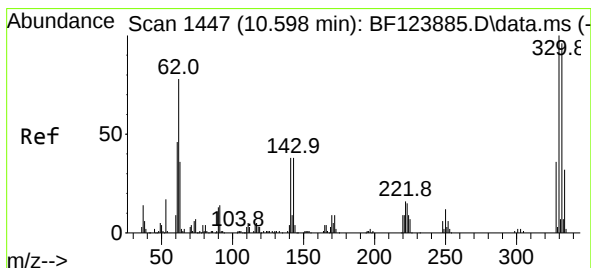
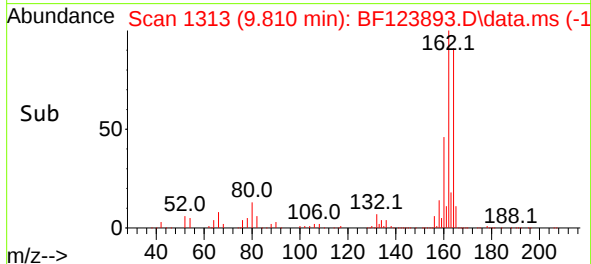
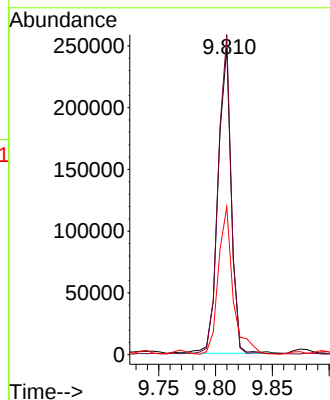
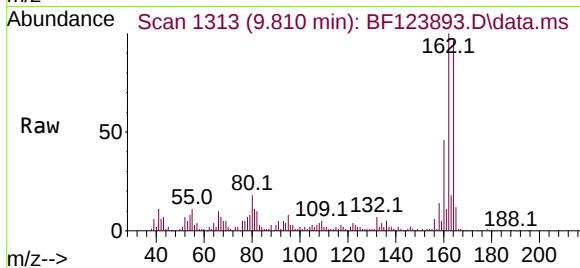
Tgt Ion:164 Resp: 199782

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

160 48.1 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 72.62 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF123893.D

Acq: 10 May 2021 20:01

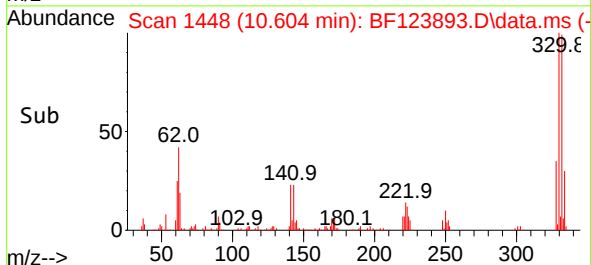
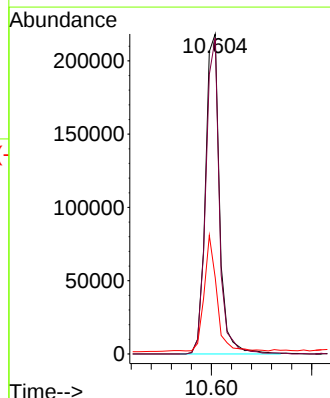
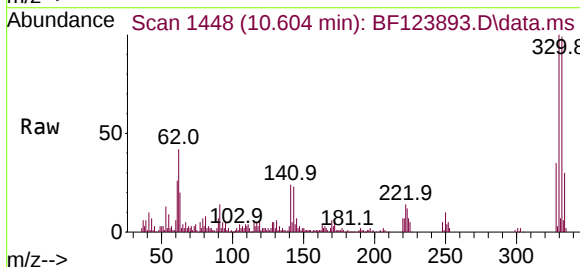
Tgt Ion:330 Resp: 213708

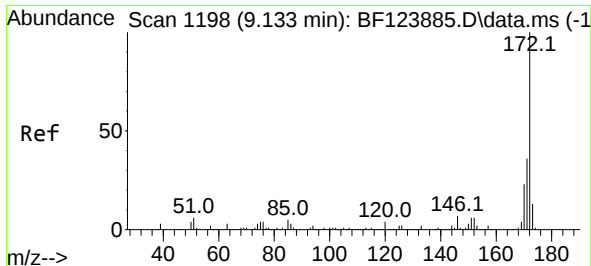
Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

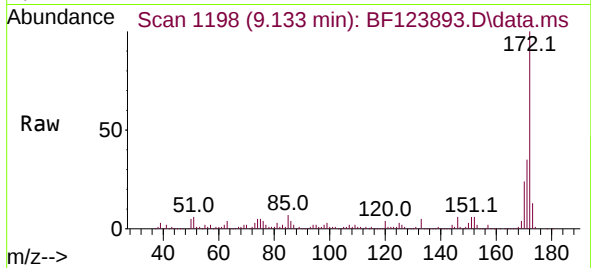
141 32.3 27.9 41.9





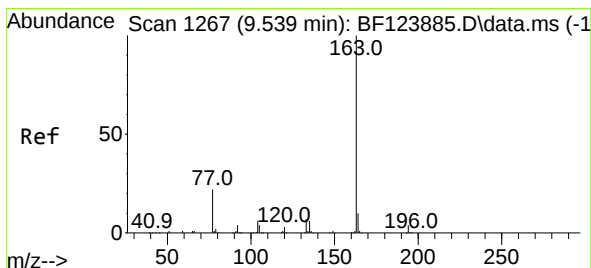
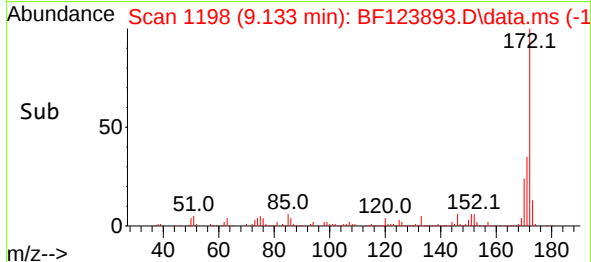
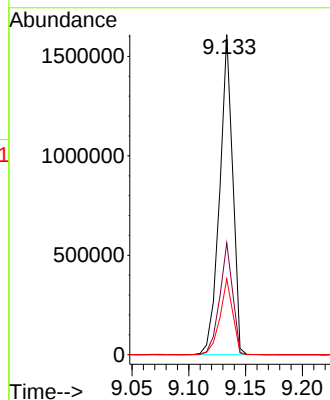
#45
2-Fluorobiphenyl
Concen: 80.49 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Instrument :
BNA_F
ClientSampled :
MW-05



Tgt Ion:172 Resp: 1288568

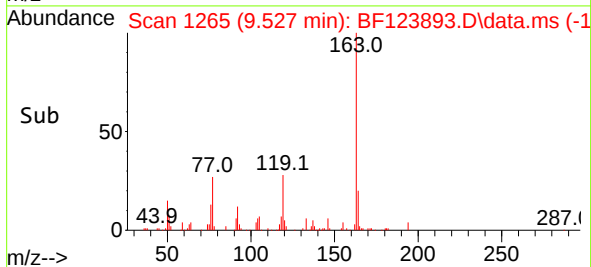
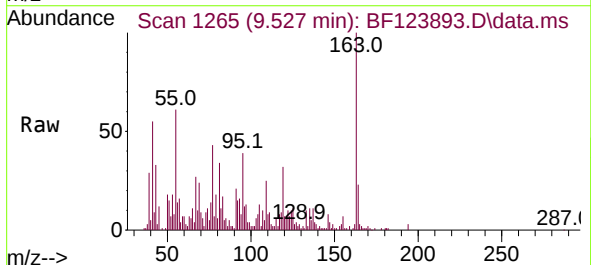
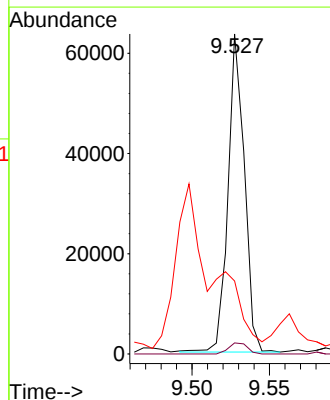
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.7	19.2	28.8

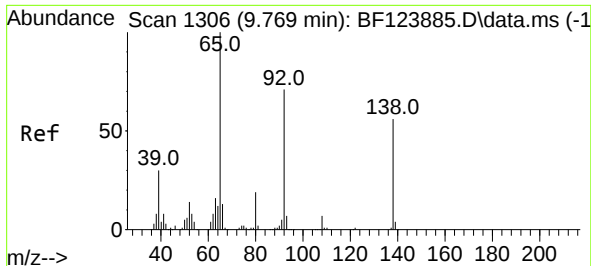


#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:163 Resp: 46500

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	22.8	8.2	12.2

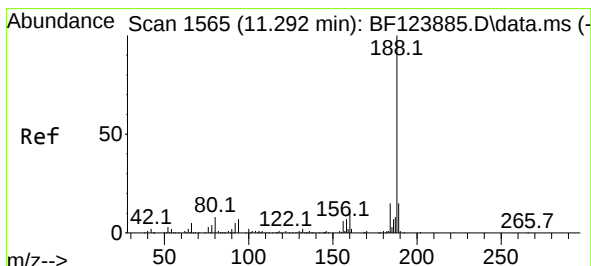
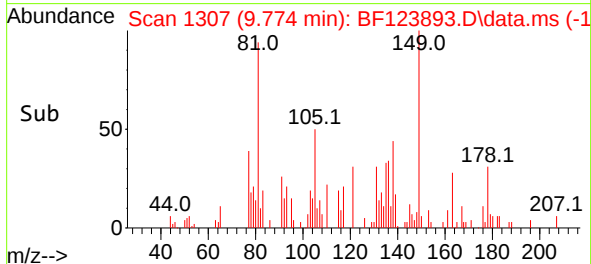
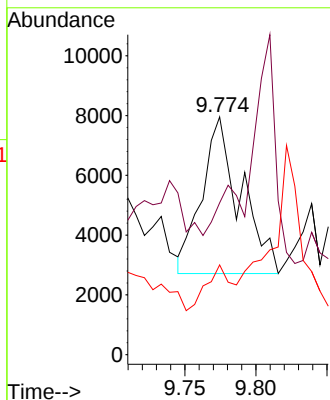
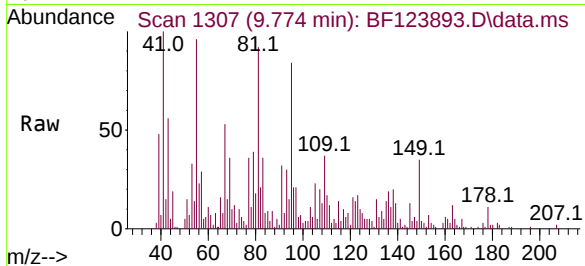




#53
3-Nitroaniline
Concen: 2.56 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

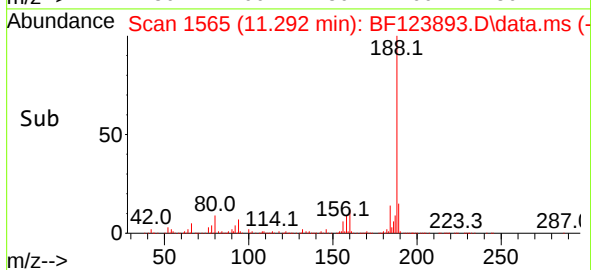
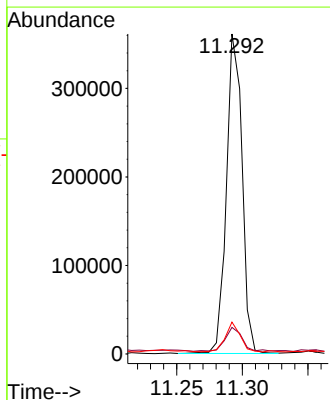
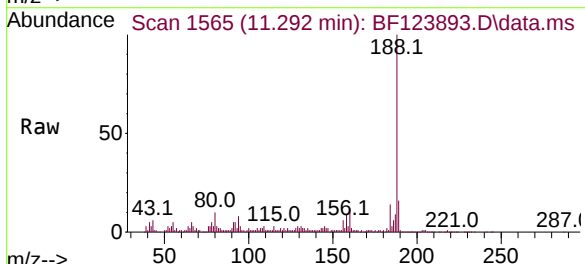
Instrument :
BNA_F
ClientSampled :
MW-05

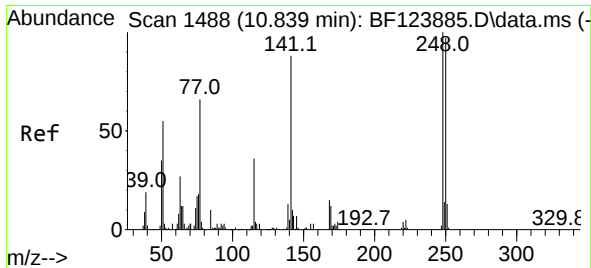
Tgt Ion:138 Resp: 9917
Ion Ratio Lower Upper
138 100
108 63.9 10.2 15.4#
92 37.8 103.3 154.9#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:188 Resp: 298171
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.0 8.2 12.2

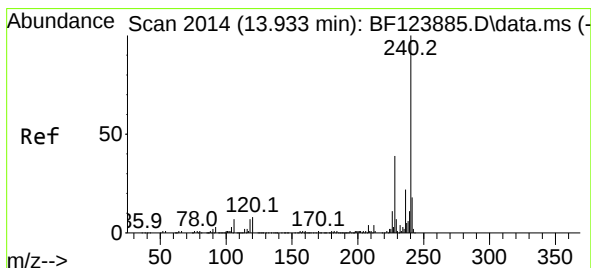
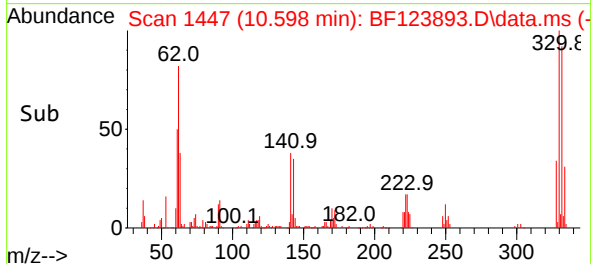
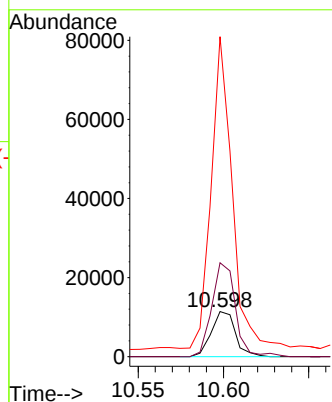
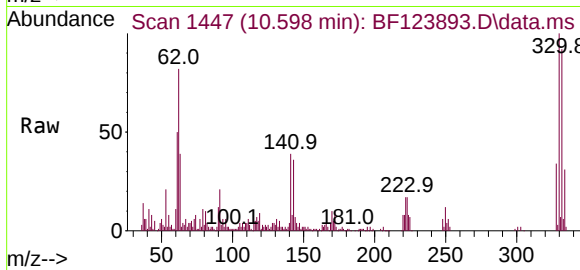




#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

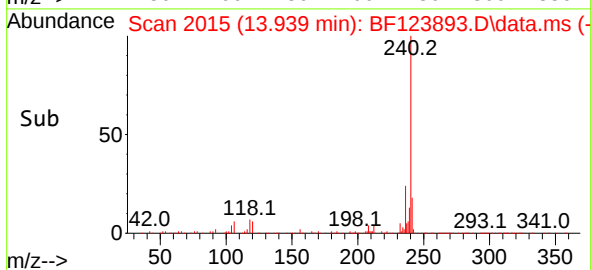
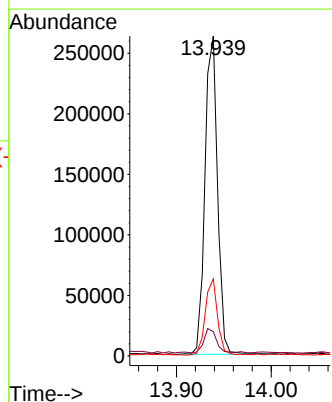
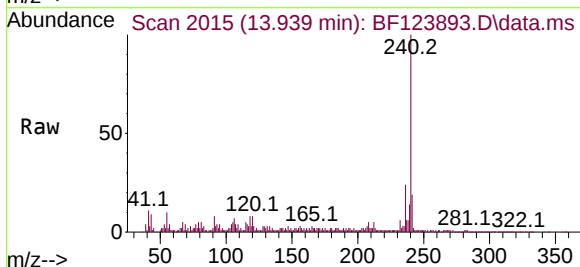
Instrument :
BNA_F
ClientSampleId :
MW-05

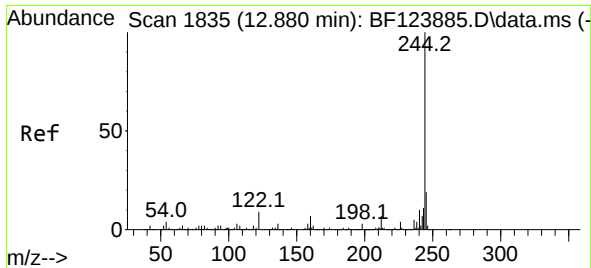
Tgt Ion:248 Resp: 11251
Ion Ratio Lower Upper
248 100
250 208.2 77.4 116.2#
141 708.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:240 Resp: 242648
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 24.1 19.0 28.4

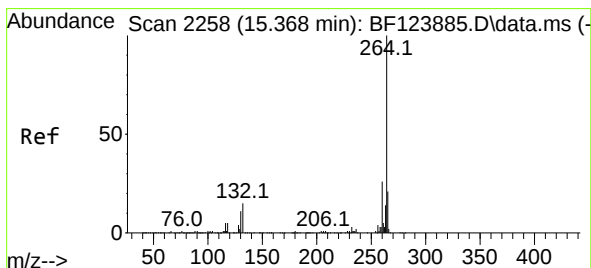
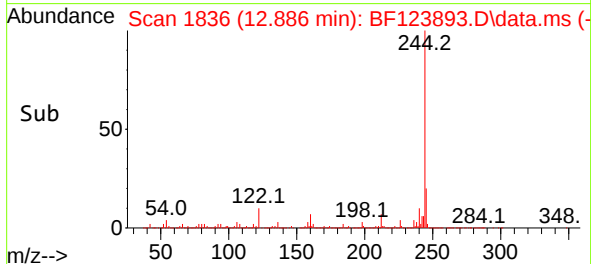
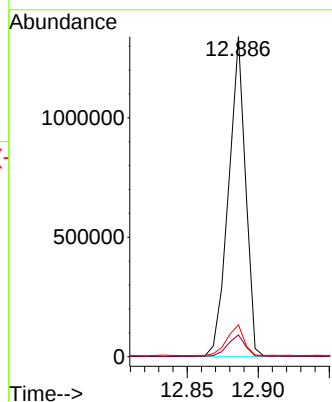
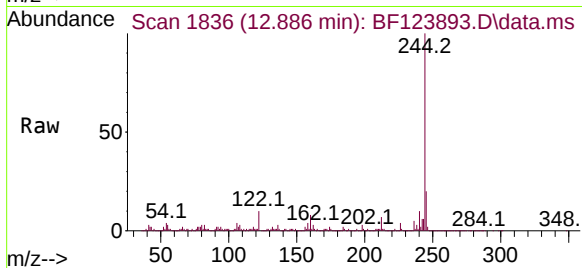




#79
Terphenyl-d14
Concen: 74.94 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:244 Resp: 1112724
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.9 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.012 min
Lab File: BF123893.D
Acq: 10 May 2021 20:01

Tgt Ion:264 Resp: 258491
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.3 17.8 26.8

