

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123959.D
 Acq On : 17 May 2021 12:56
 Operator : JU/CG
 Sample : M2322-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20210505

Quant Time: May 17 14:04:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

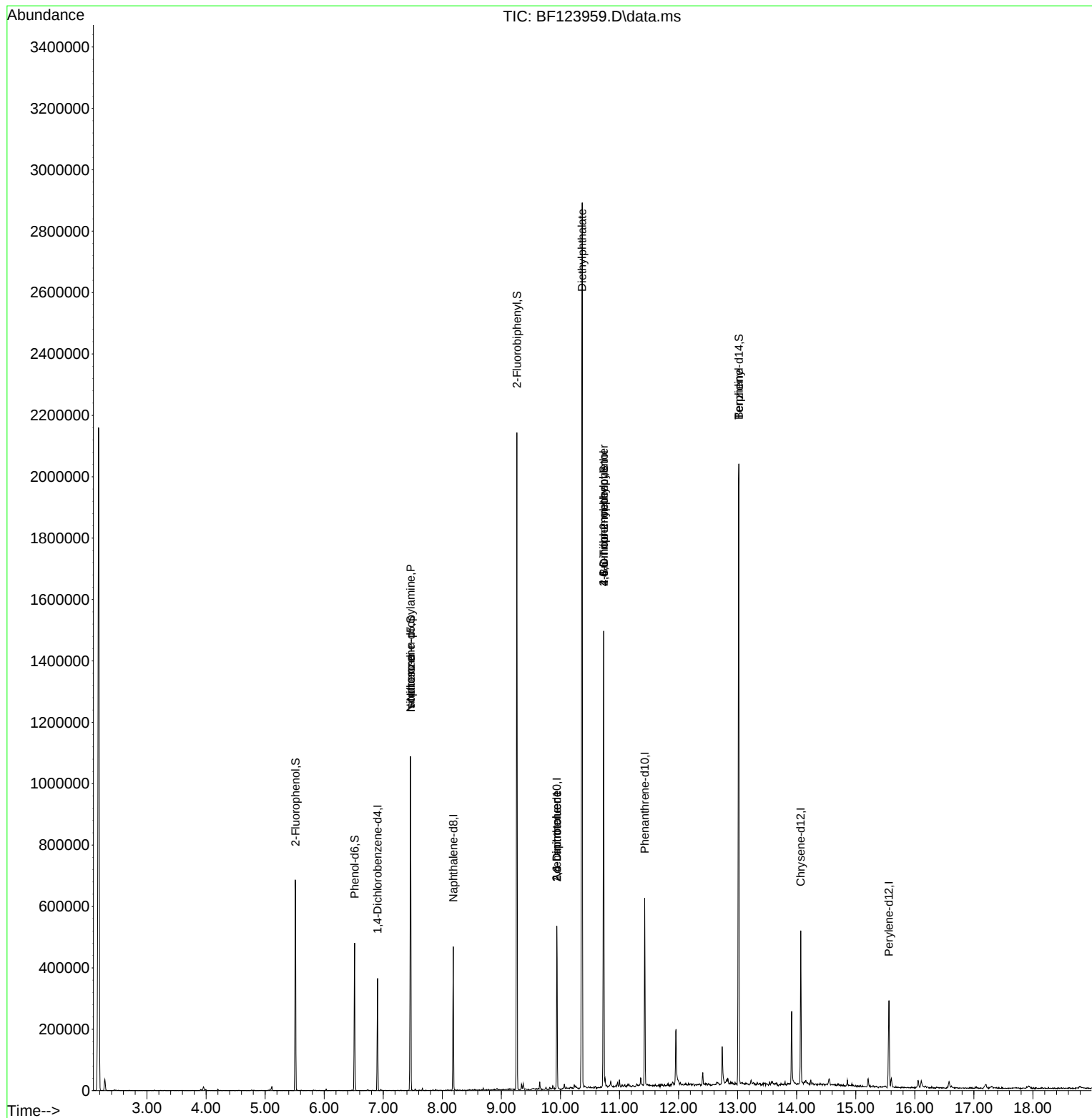
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	42060	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	159820	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	94896	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	178044	20.00	ng	0.00
76) Chrysene-d12	14.068	240	139258	20.00	ng	0.00
86) Perylene-d12	15.563	264	115941	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	144943	48.38	ng	0.00
7) Phenol-d6	6.516	99	111491	28.69	ng	0.00
23) Nitrobenzene-d5	7.463	82	301902	81.39	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	138423	121.45	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	560422	72.67	ng	0.00
79) Terphenyl-d14	13.021	244	660788	71.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	42998	16.37	ng	Qvalue
25) Isophorone	7.463	82	301896	42.31	ng	# 74
51) 2,6-Dinitrotoluene	9.939	165	12425	8.11	ng	# 69
57) 2,4-Dinitrotoluene	9.939	165	12425	6.61	ng	# 10
60) Diethylphthalate	10.369	149	1027485	136.92	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.733	198	379	5.73	ng	# 95
67) 4-Bromophenyl-phenylether	10.733	248	9584	4.10	ng	# 1
77) Benzidine	13.021	184	10741	3.20	ng	# 1

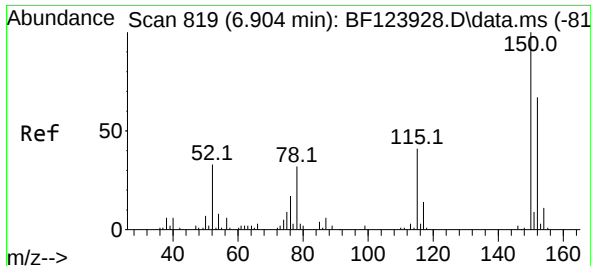
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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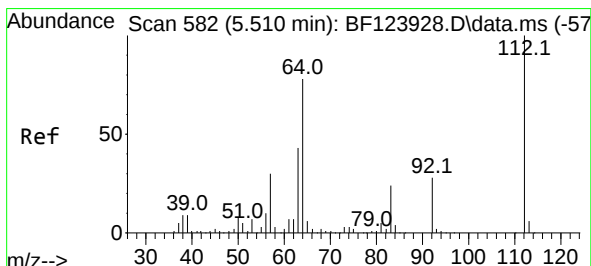
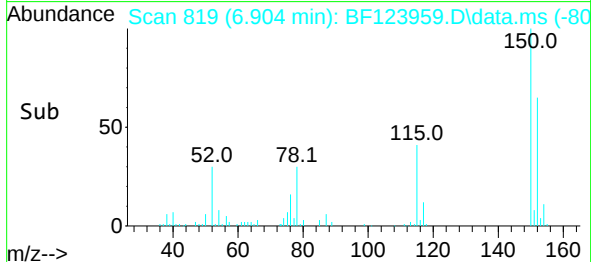
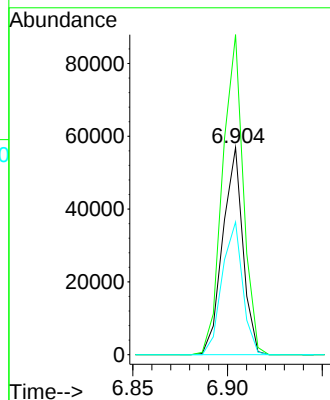
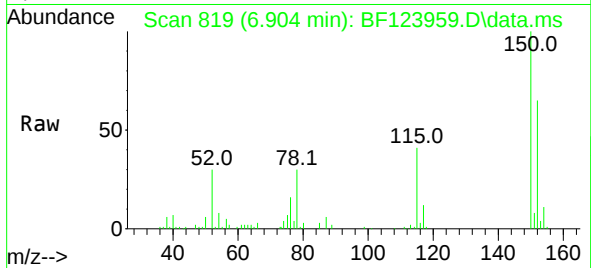




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

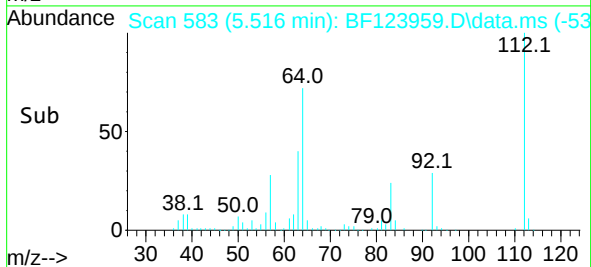
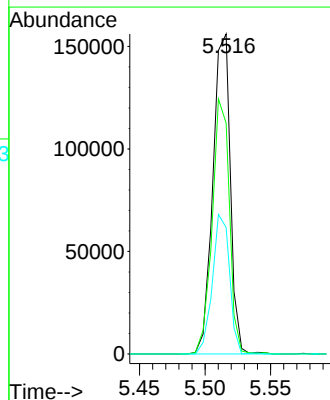
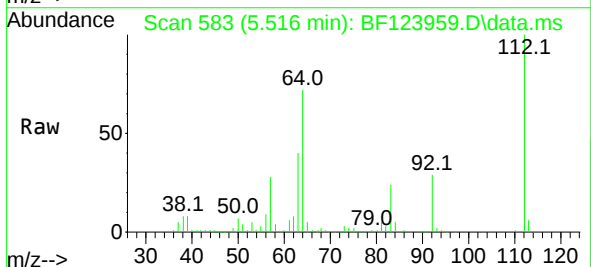
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505

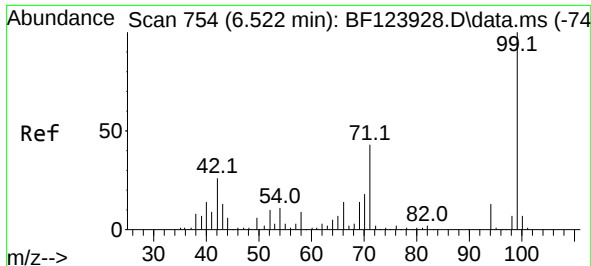
Tgt Ion:152 Resp: 42060
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 48.38 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:112 Resp: 144943
Ion Ratio Lower Upper
112 100
64 72.1 61.4 92.0
63 39.5 33.0 49.4

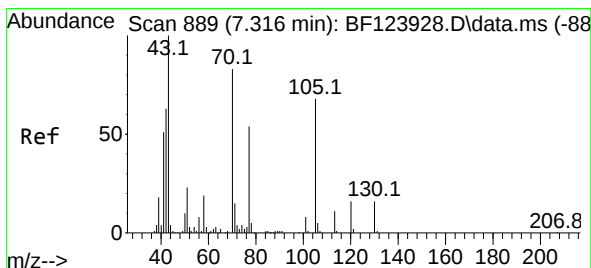
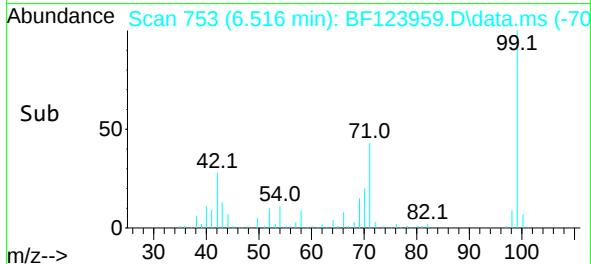
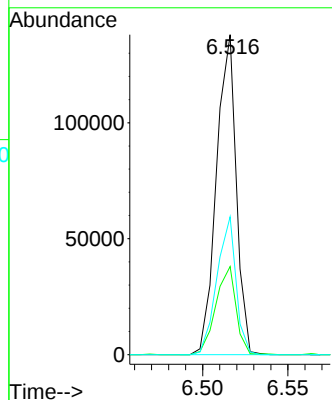
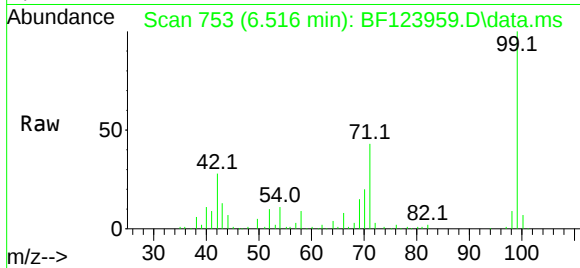




#7
Phenol-d6
Concen: 28.69 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

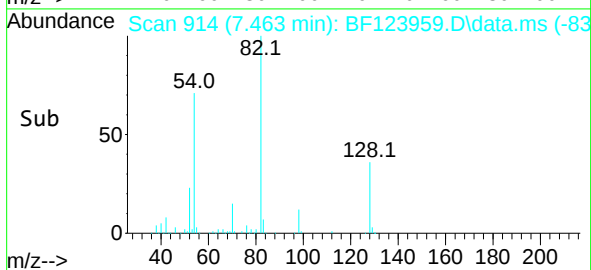
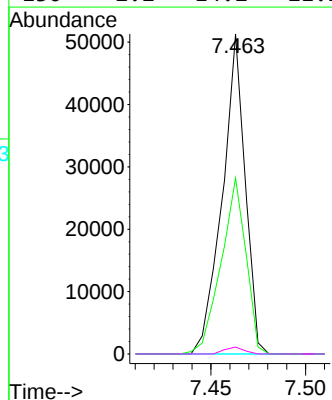
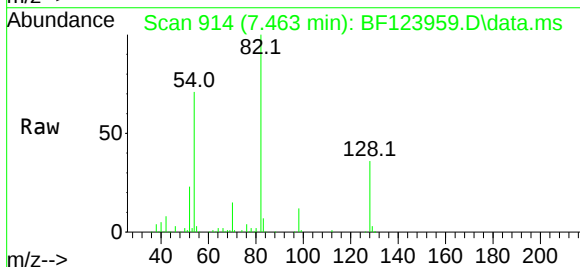
Instrument :
BNA_F
ClientSampleId :
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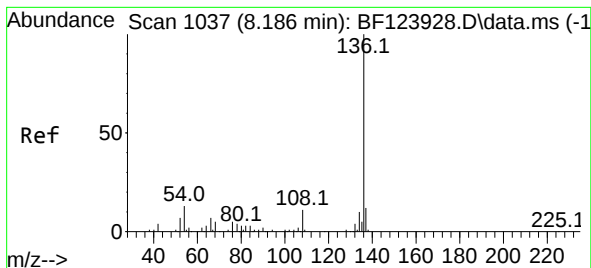
Tgt Ion: 99 Resp: 111491
Ion Ratio Lower Upper
99 100
42 27.5 19.8 29.8
71 43.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion: 70 Resp: 42998
Ion Ratio Lower Upper
70 100
42 55.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#

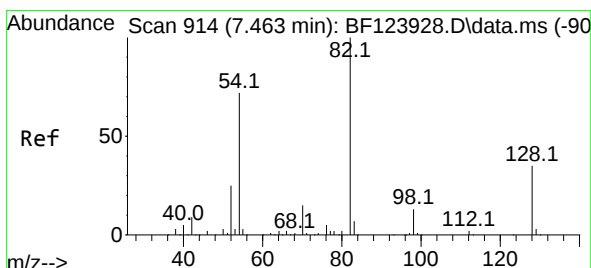
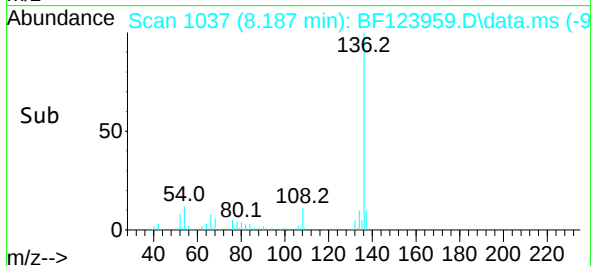
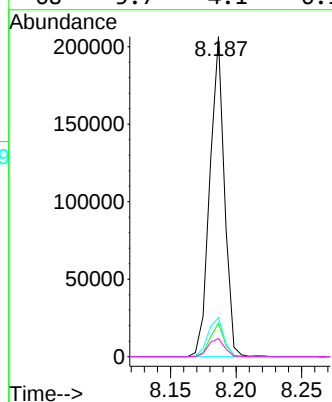
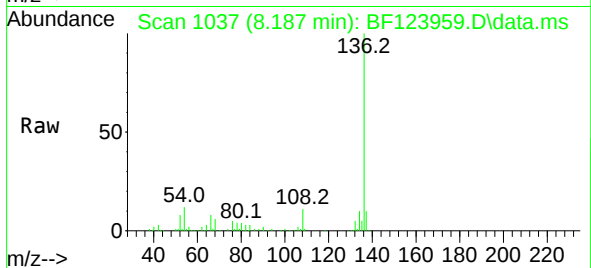




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

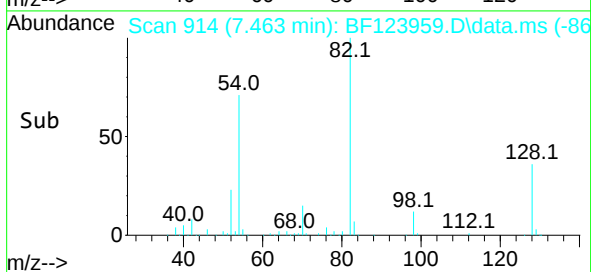
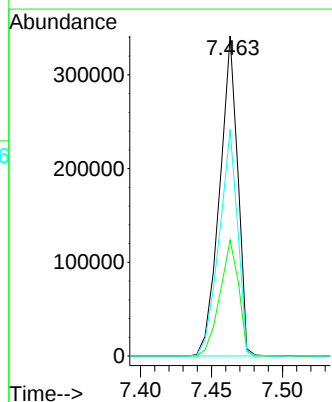
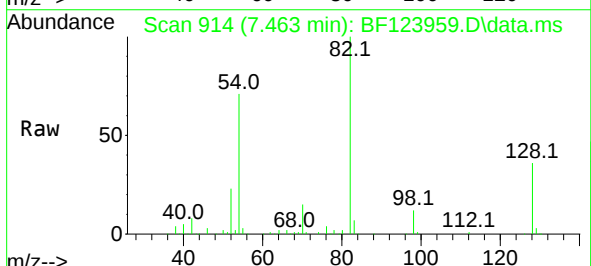
Instrument :
BNA_F
ClientSampleId :
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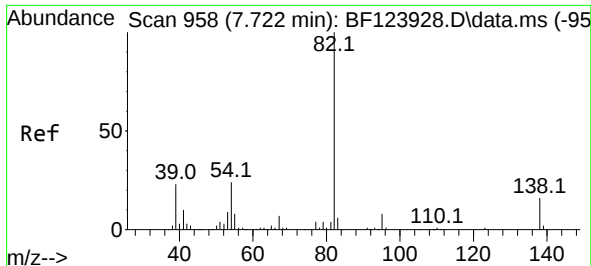
Tgt Ion:	136	Resp:	159820
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	12.2	9.8	14.6
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.39 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:	82	Resp:	301902
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.4	44.2
54	70.8	54.1	81.1

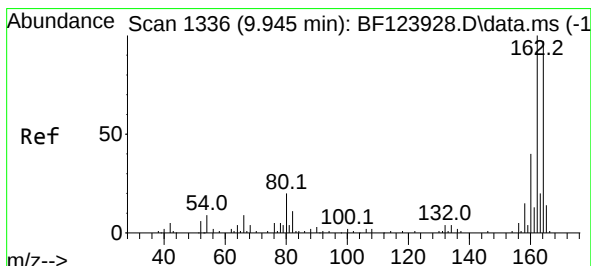
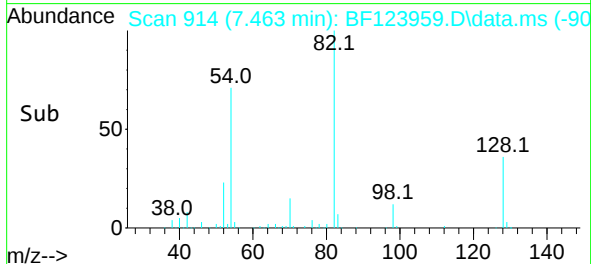
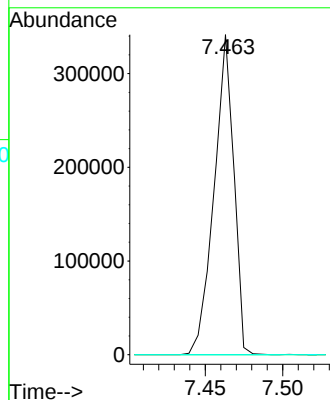
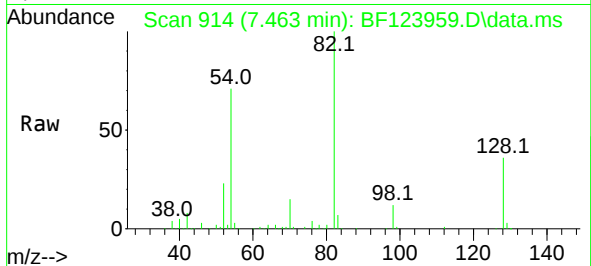




#25
Isophorone
Concen: 42.31 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

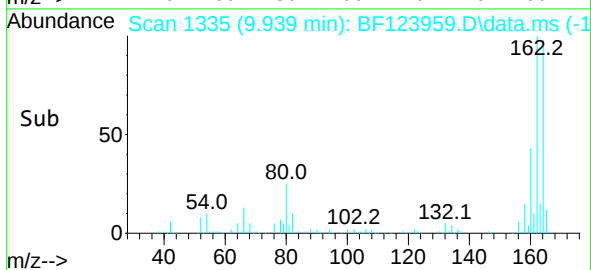
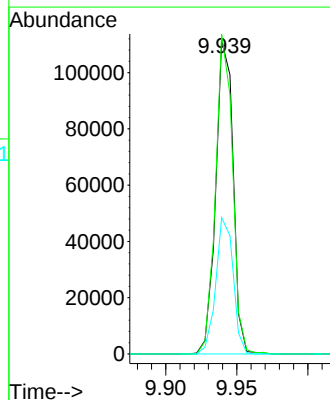
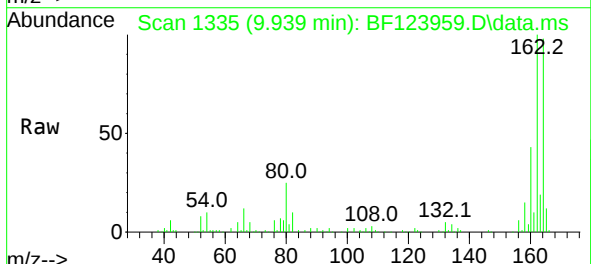
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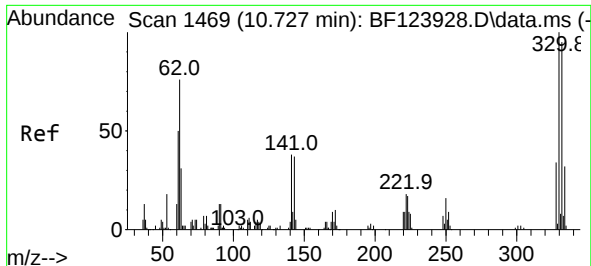
Tgt Ion: 82 Resp: 301896
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

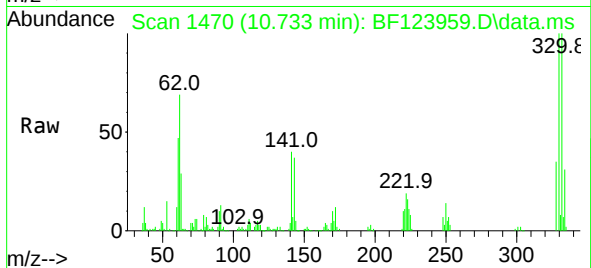
Tgt Ion: 164 Resp: 94896
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 43.5 37.3 55.9



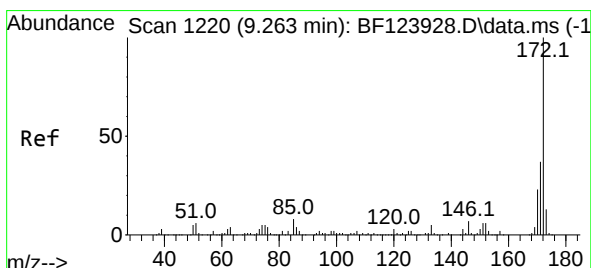
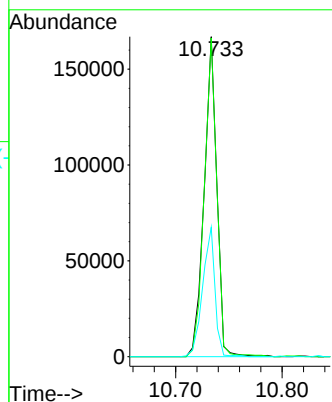
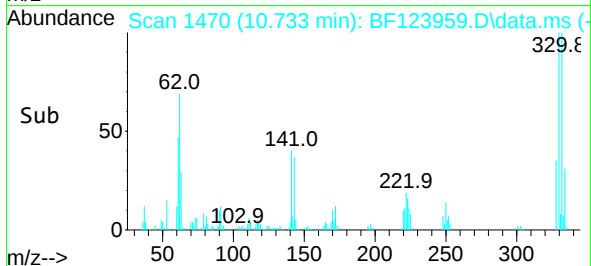


#42
2,4,6-Tribromophenol
Concen: 121.45 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

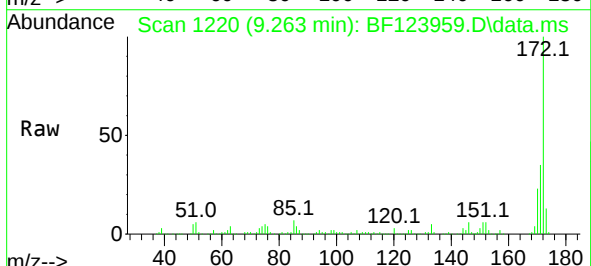
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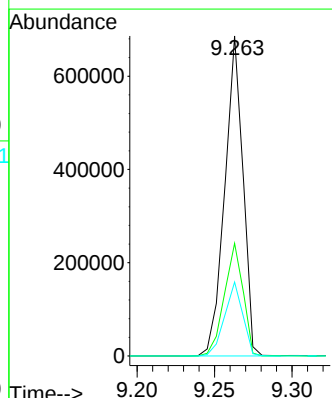
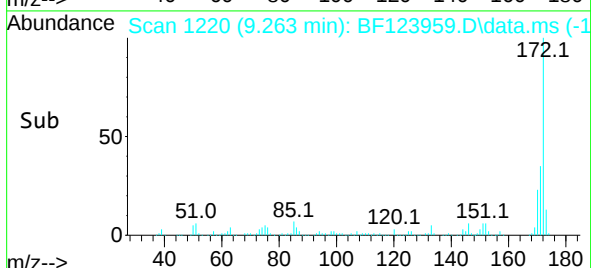
Tgt Ion: 330 Resp: 138423
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 39.5 27.9 41.9

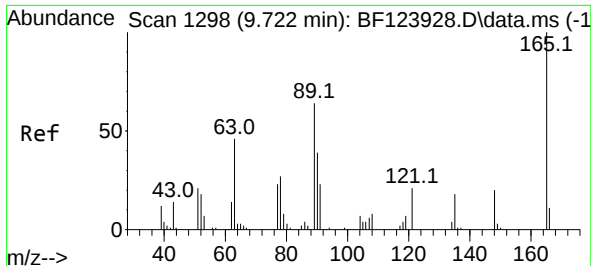


#45
2-Fluorobiphenyl
Concen: 72.67 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56



Tgt Ion: 172 Resp: 560422
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.1 19.2 28.8

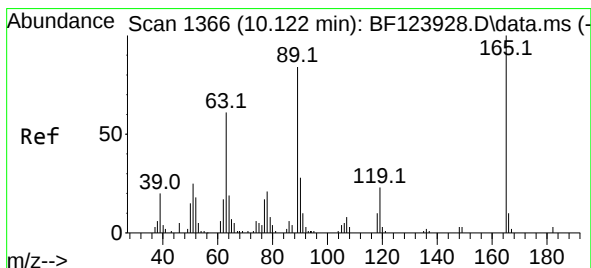
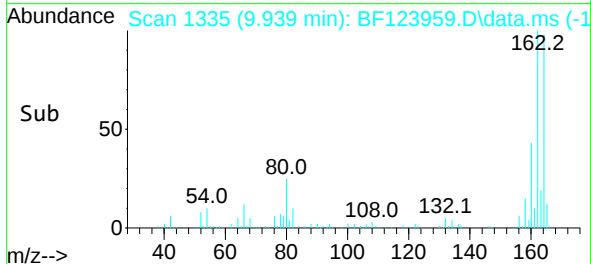
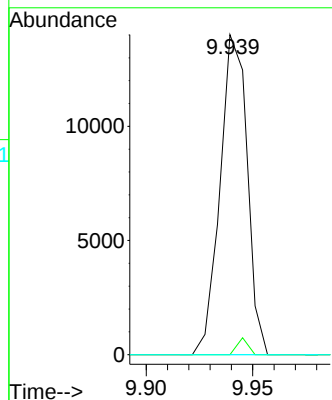
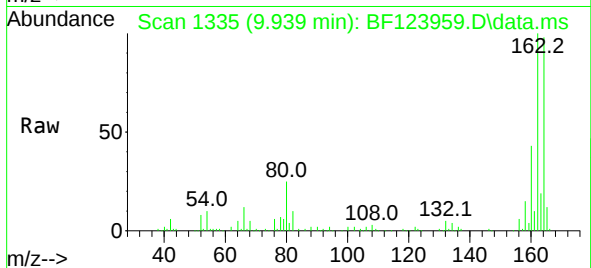




#51
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

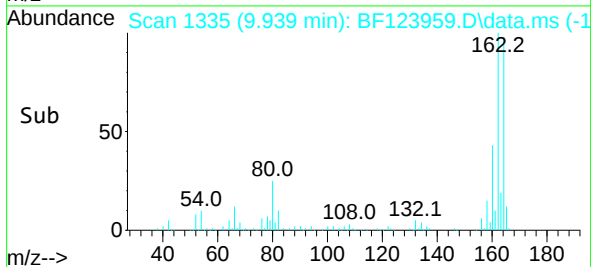
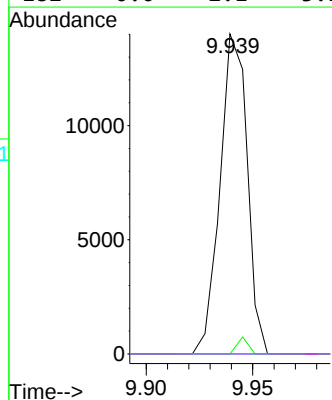
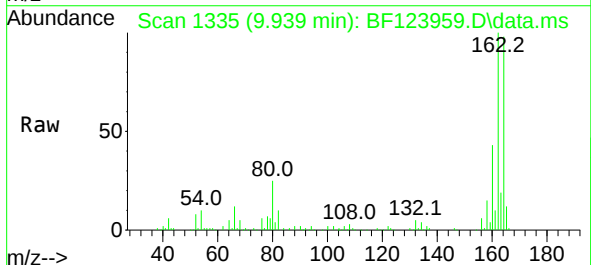
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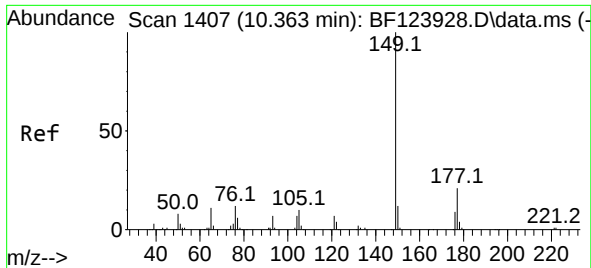
Tgt Ion:165 Resp: 12425
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:165 Resp: 12425
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

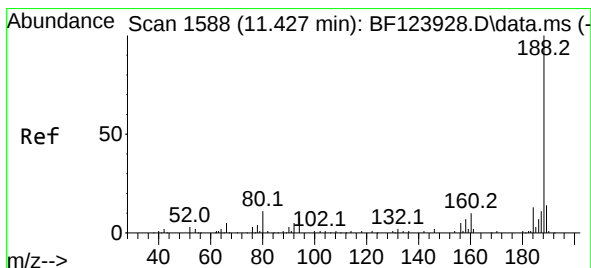
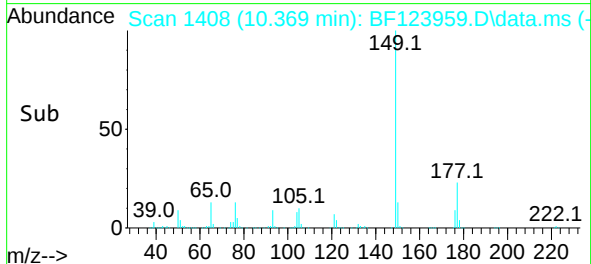
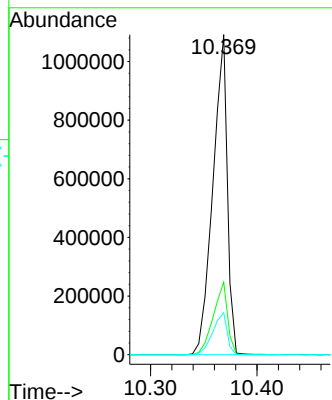
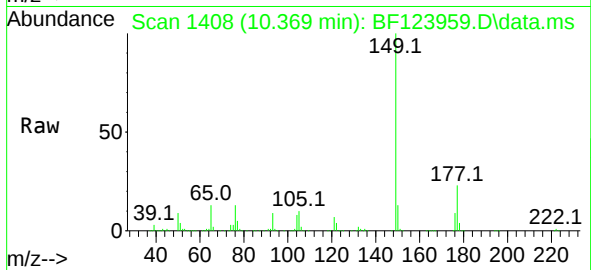




#60
Diethylphthalate
Concen: 136.92 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

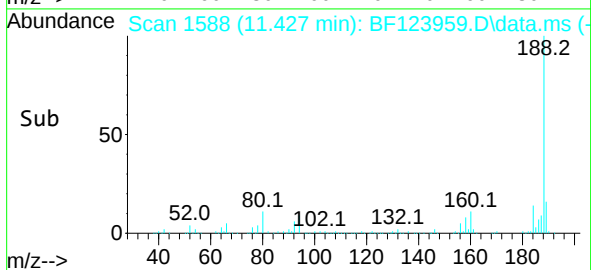
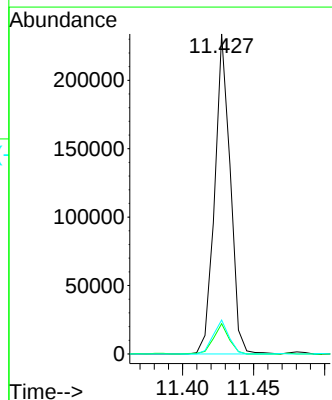
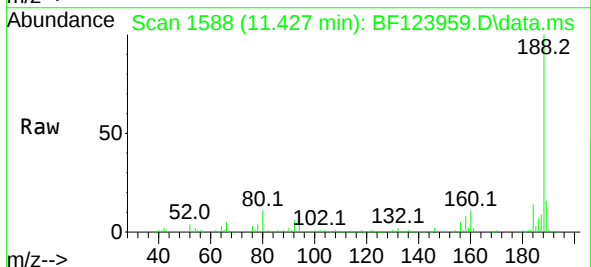
Instrument :
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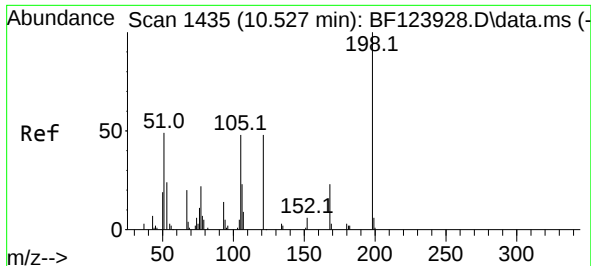
Tgt Ion:149 Resp: 1027485
Ion Ratio Lower Upper
149 100
177 22.7 15.4 23.2
150 13.1 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:188 Resp: 178044
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.6 8.2 12.2

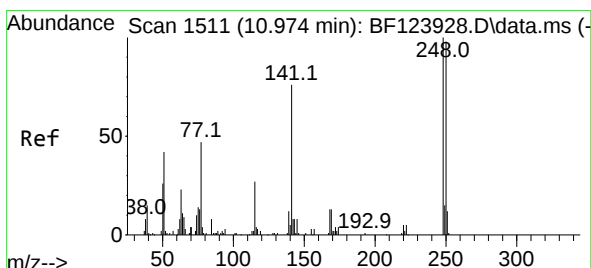
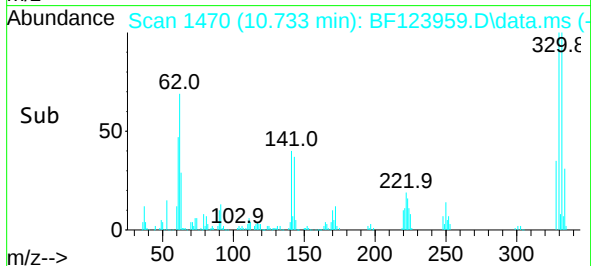
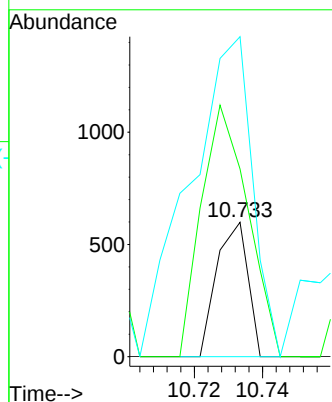
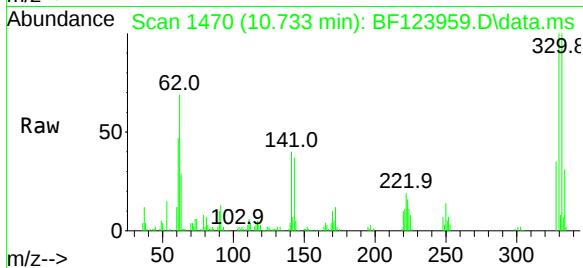




#65
4,6-Dinitro-2-methylphenol
Concen: 5.73 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

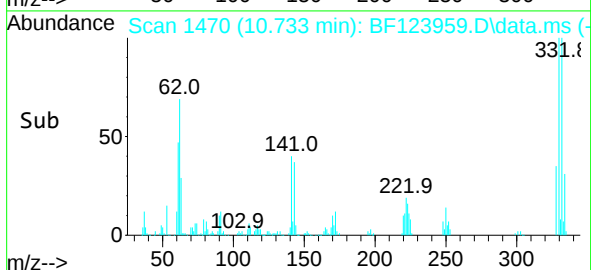
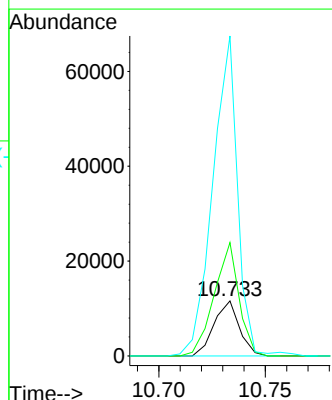
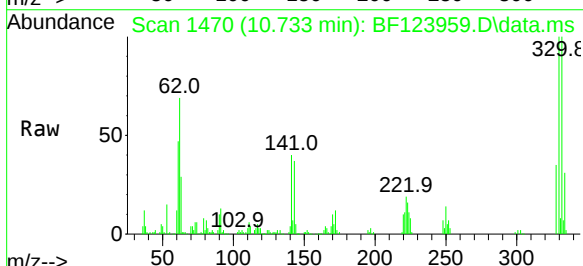
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505

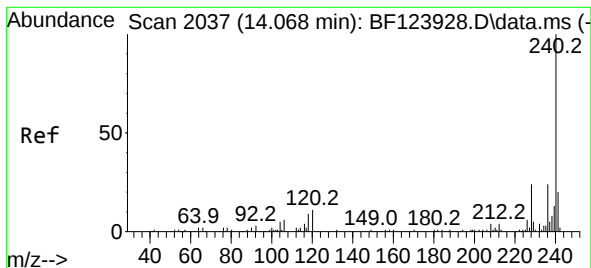
Tgt Ion:198 Resp: 379
Ion Ratio Lower Upper
198 100
51 139.6 64.8 104.8#
105 238.1 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:248 Resp: 9584
Ion Ratio Lower Upper
248 100
250 205.9 77.4 116.2#
141 580.6 63.7 95.5#

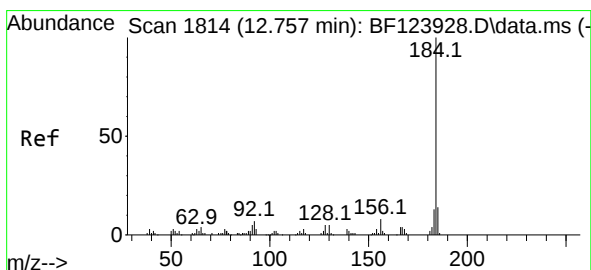
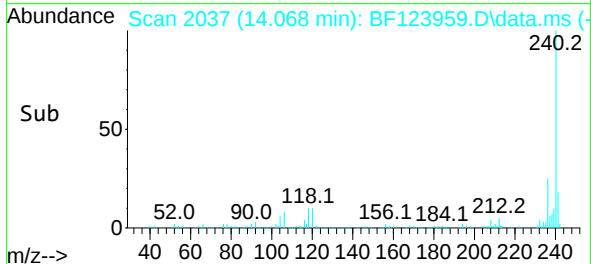
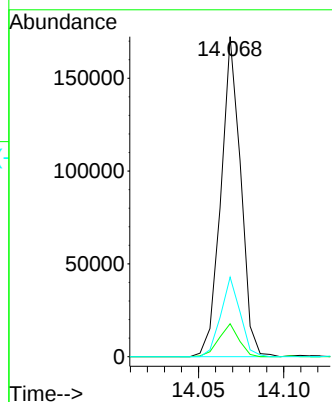
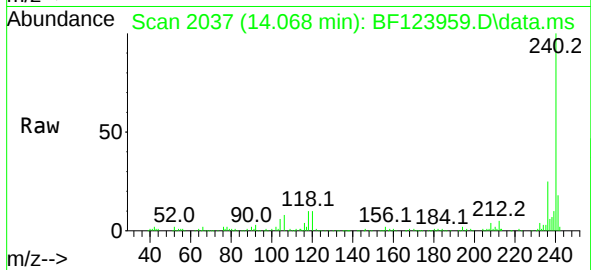




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

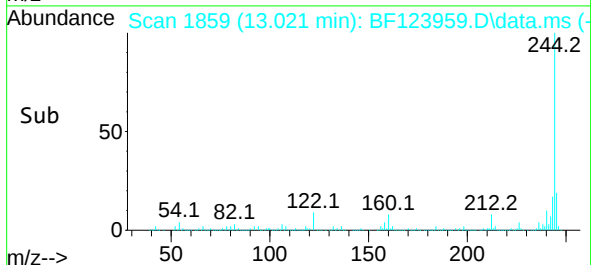
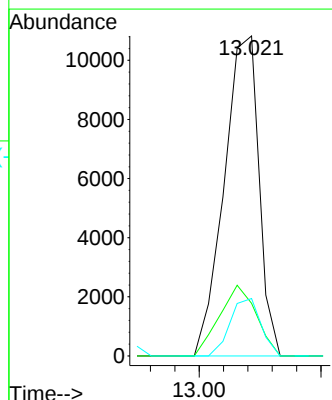
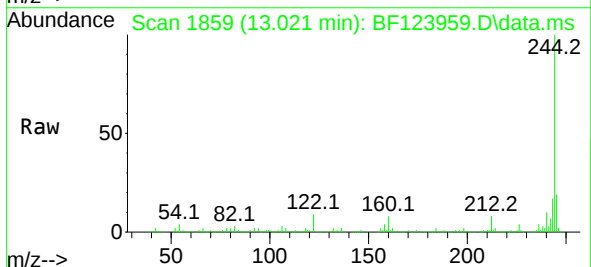
Instrument :
BNA_F
ClientSampleId :
MW-3-20210505

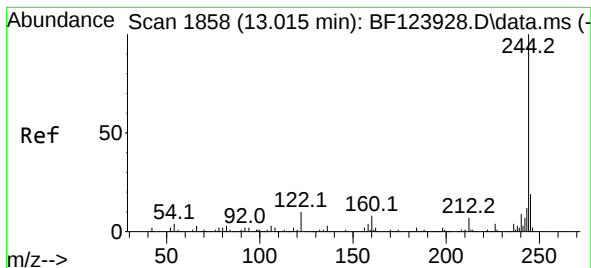
Tgt Ion:240 Resp: 139258
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 24.9 19.0 28.4



#77
Benzidine
Concen: 3.20 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF123959.D
Acq: 17 May 2021 12:56

Tgt Ion:184 Resp: 10741
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 18.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 71.87 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123959.D

Acq: 17 May 2021 12:56

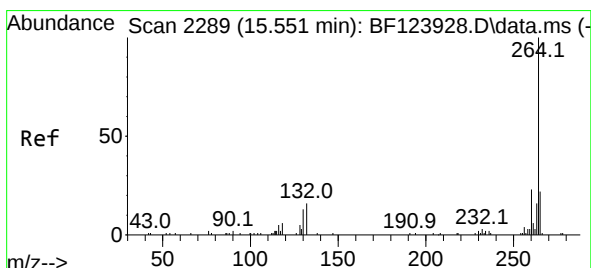
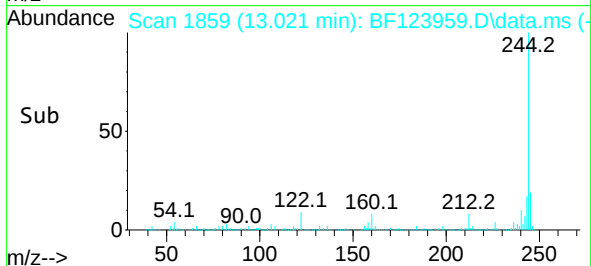
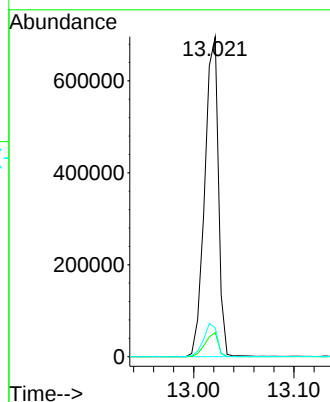
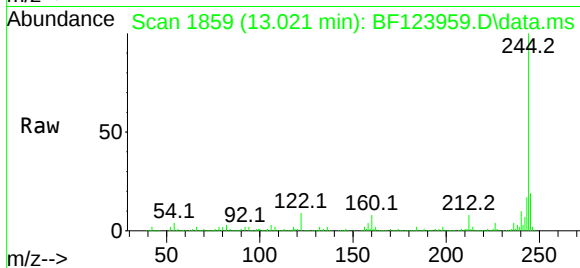
Tgt Ion:244 Resp: 660788

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 9.0 9.7 14.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.563 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF123959.D

Acq: 17 May 2021 12:56

Tgt Ion:264 Resp: 115941

Ion Ratio Lower Upper

264 100

260 21.4 18.7 28.1

265 20.5 17.8 26.8

