

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123958.D
 Acq On : 17 May 2021 12:25
 Operator : JU/CG
 Sample : M2322-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20210505

Quant Time: May 17 13:47:53 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)

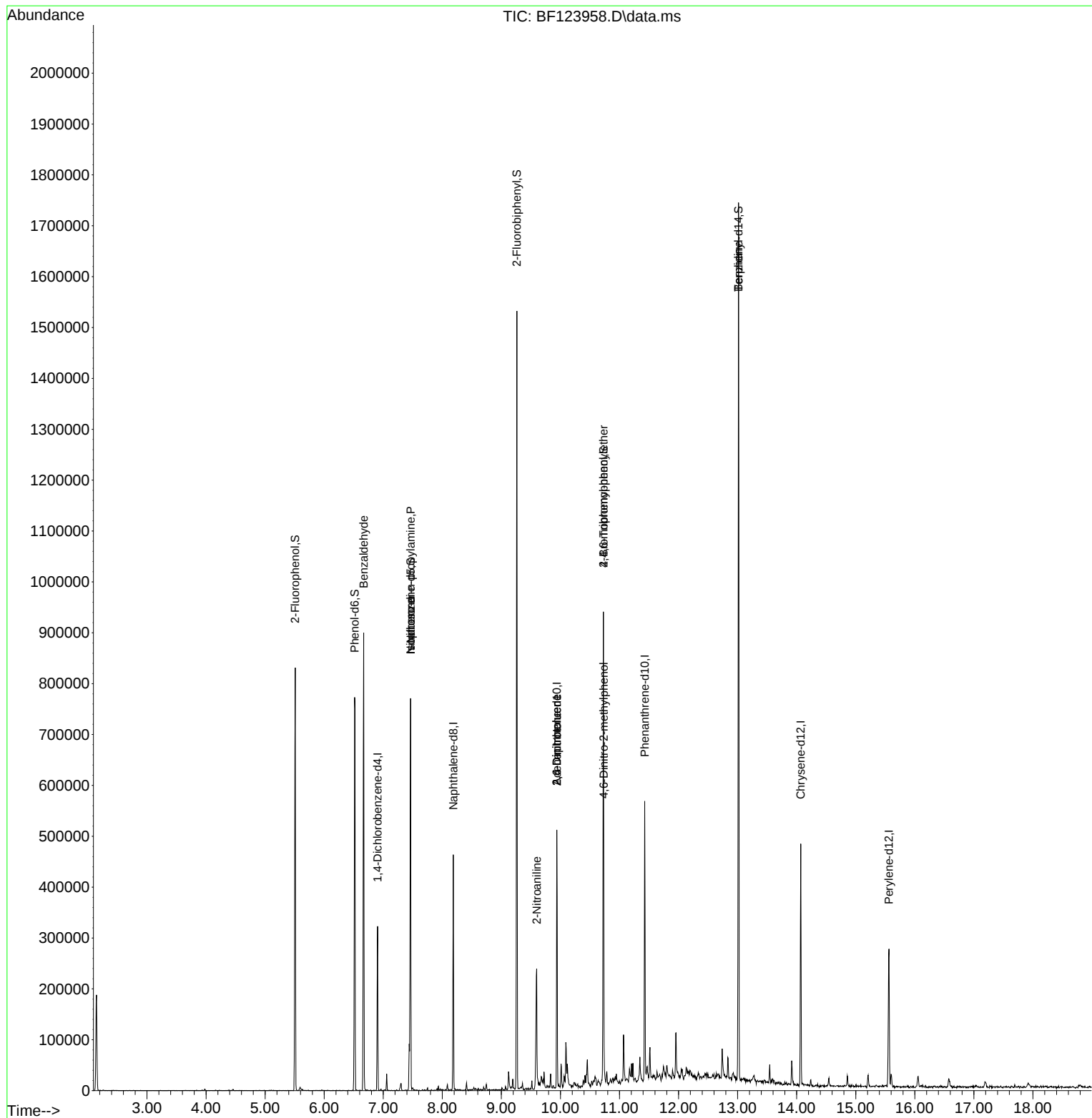
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40003	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	151671	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	89348	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	165403	20.00	ng	0.00
76) Chrysene-d12	14.069	240	142807	20.00	ng	0.00
86) Perylene-d12	15.563	264	117573	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	171239	60.10	ng	0.00
7) Phenol-d6	6.516	99	219067	59.27	ng	0.00
23) Nitrobenzene-d5	7.463	82	199945	56.80	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	78139	72.81	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	368208	50.71	ng	0.00
79) Terphenyl-d14	13.016	244	456134	48.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.669	77	5336	3.34	ng	85
19) n-Nitroso-di-n-propyla...	7.463	70	27993	11.21	ng	# 79
25) Isophorone	7.463	82	199939	29.53	ng	# 69
48) 2-Nitroaniline	9.598	65	4620	2.19	ng	# 39
51) 2,6-Dinitrotoluene	9.939	165	10978	7.61	ng	# 10
57) 2,4-Dinitrotoluene	9.939	165	10978	6.20	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.733	198	429	5.79	ng	# 43
67) 4-Bromophenyl-phenylether	10.728	248	5732	2.64	ng	# 1
77) Benzidine	13.016	184	7416	2.15	ng	# 78

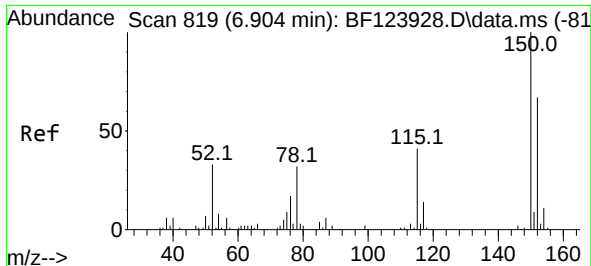
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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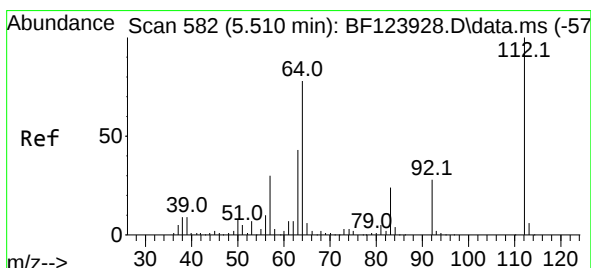
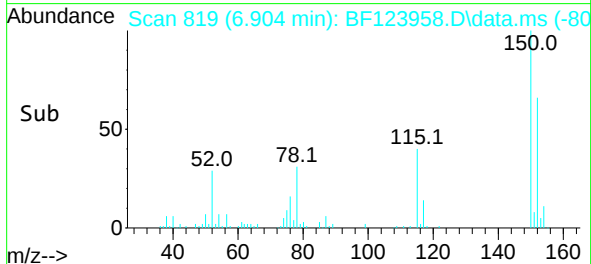
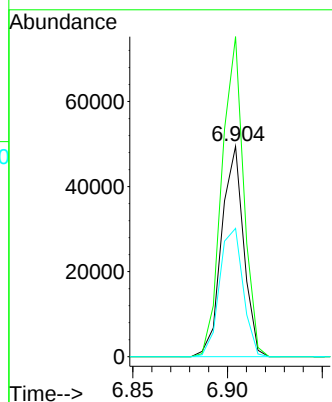
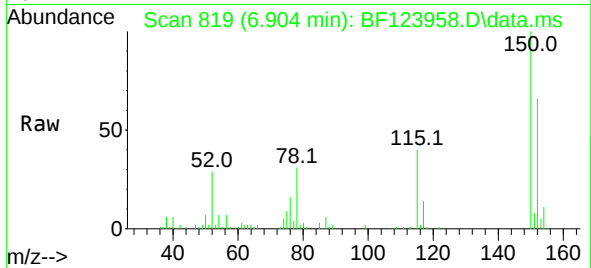




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

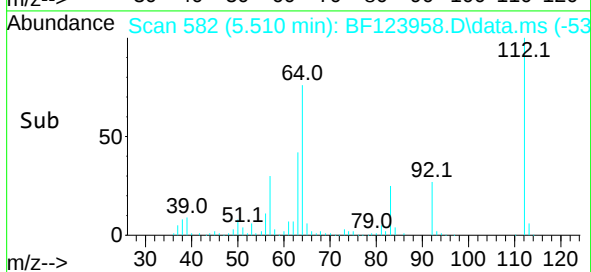
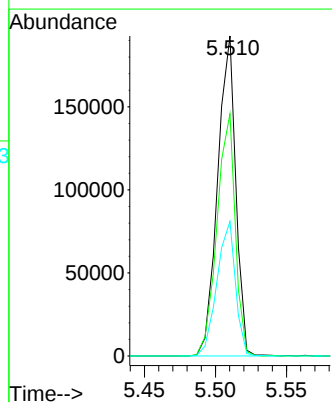
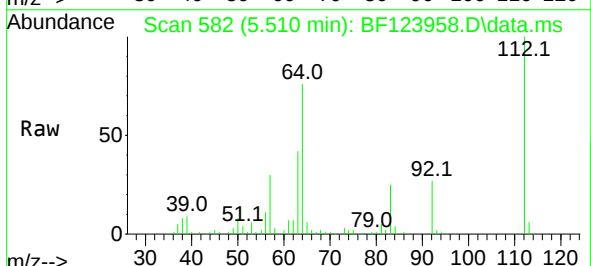
Instrument :
BNA_F
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MW-1-20210505

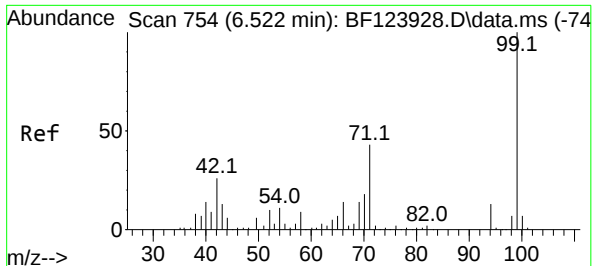
Tgt Ion:152 Resp: 40003
Ion Ratio Lower Upper
152 100
150 152.1 127.0 190.6
115 61.0 54.3 81.5



#5
2-Fluorophenol
Concen: 60.10 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:112 Resp: 171239
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 42.0 33.0 49.4

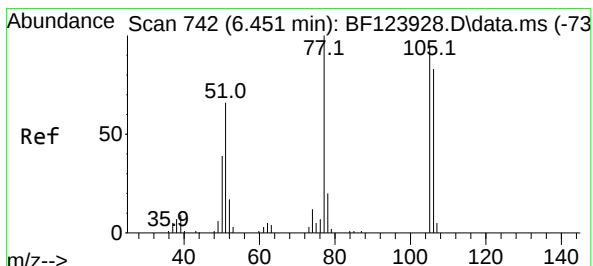
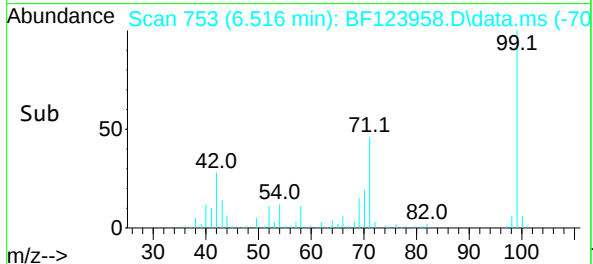
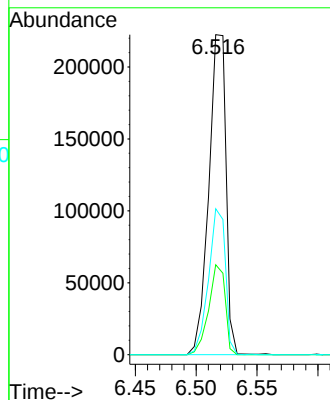
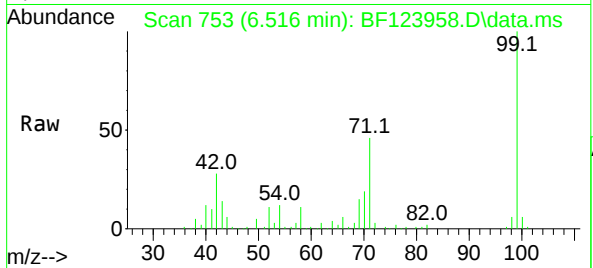




#7
Phenol-d6
Concen: 59.27 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

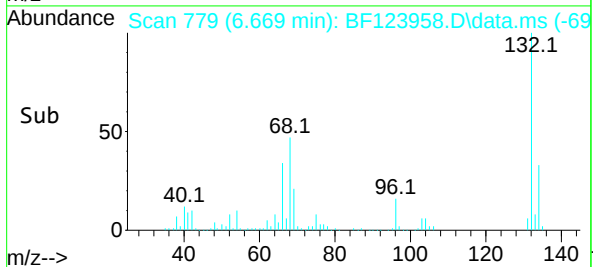
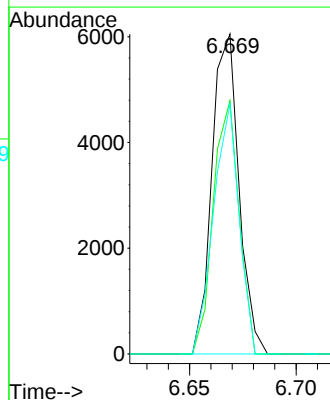
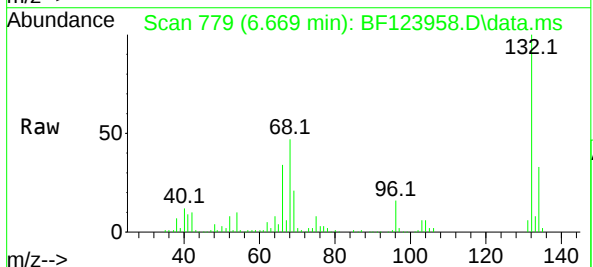
Instrument :
BNA_F
ClientSampleId :
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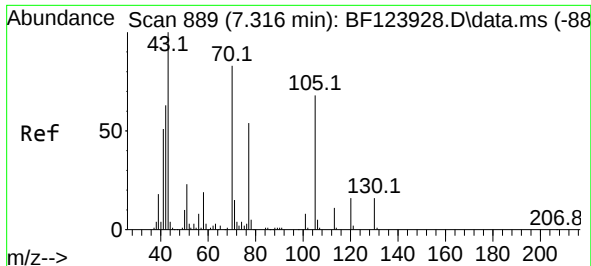
Tgt Ion: 99 Resp: 219067
Ion Ratio Lower Upper
99 100
42 28.1 19.8 29.8
71 45.6 31.1 46.7



#9
Benzaldehyde
Concen: 3.34 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.218 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

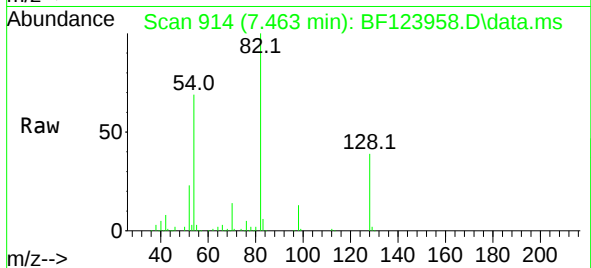
Tgt Ion: 77 Resp: 5336
Ion Ratio Lower Upper
77 100
105 79.1 75.2 115.2
106 78.1 71.6 111.6



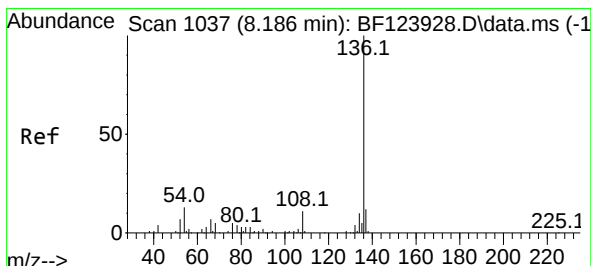
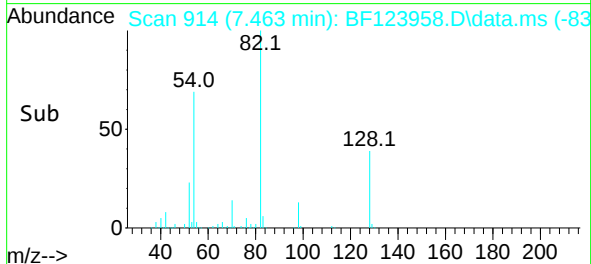
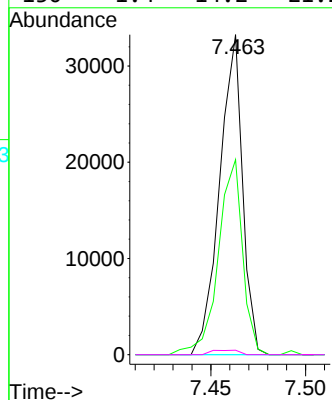


#19
n-Nitroso-di-n-propylamine
Concen: 11.21 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Instrument :
BNA_F
ClientSampleId :
MW-1-20210505

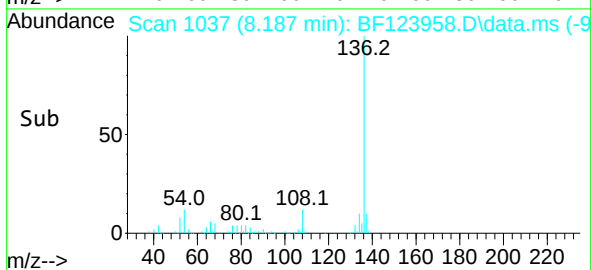
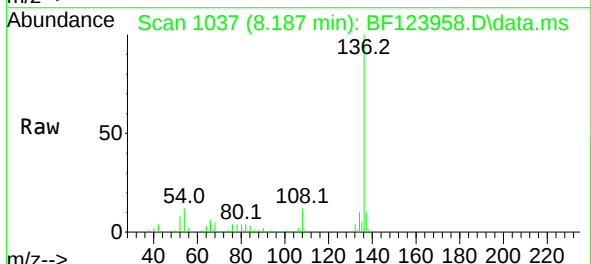
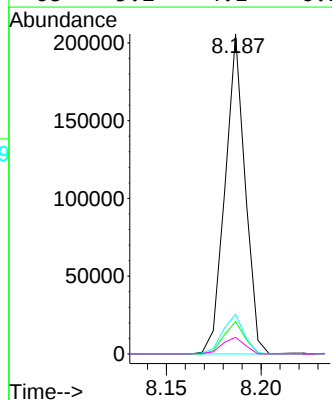


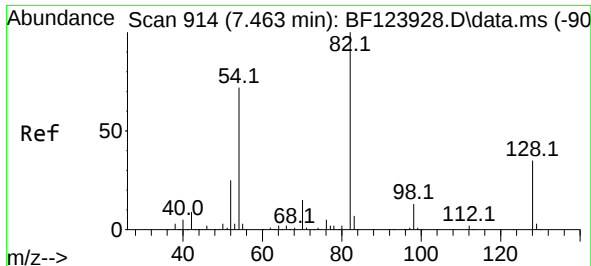
Tgt Ion:	70	Resp:	27993
Ion	Ratio	Lower	Upper
70	100		
42	61.0	60.1	90.1
101	0.0	7.4	11.2#
130	1.4	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:	136	Resp:	151671
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	12.4	9.8	14.6
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 56.80 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF123958.D

Acq: 17 May 2021 12:25

Tgt Ion: 82 Resp: 199945

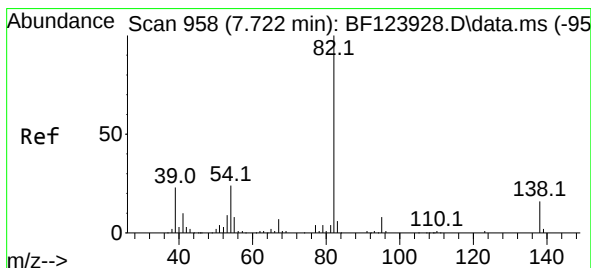
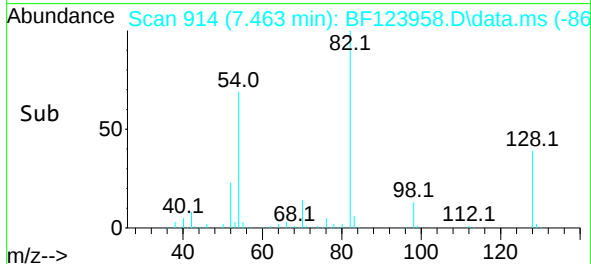
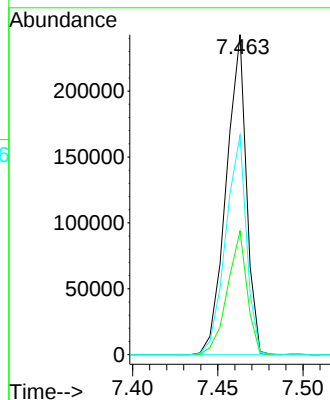
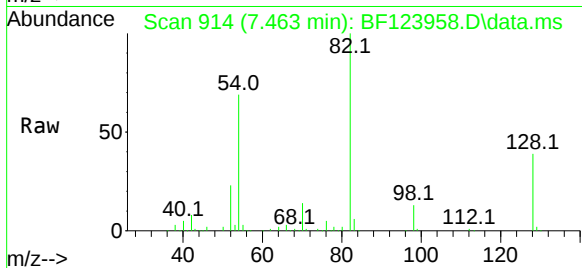
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	68.6	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MW-1-20210505



#25

Isophorone

Concen: 29.53 ng

RT: 7.463 min Scan# 914

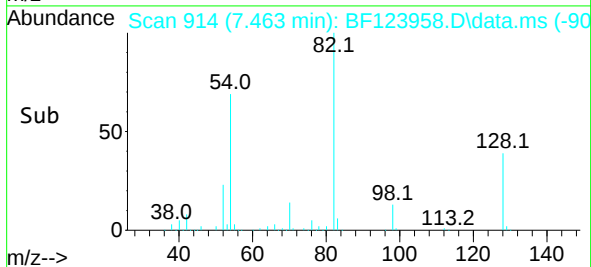
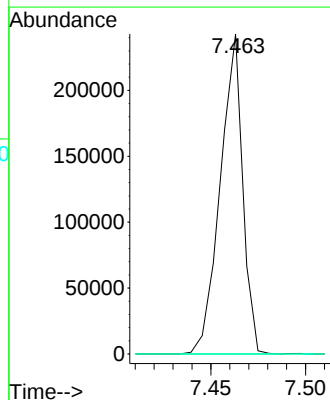
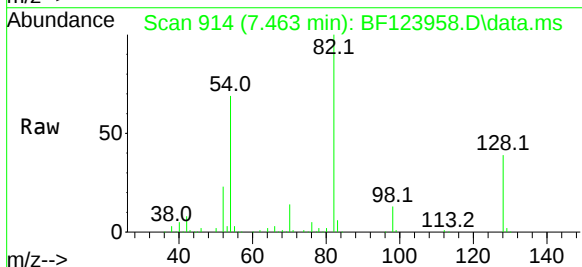
Delta R.T. -0.259 min

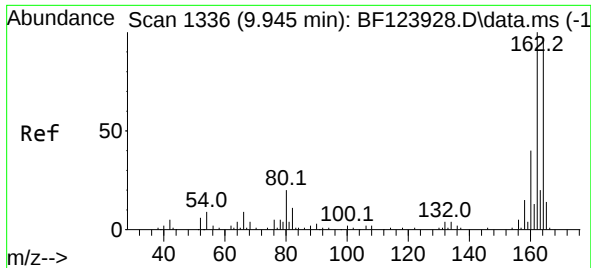
Lab File: BF123958.D

Acq: 17 May 2021 12:25

Tgt Ion: 82 Resp: 199939

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

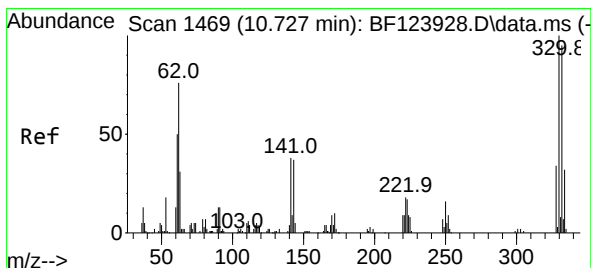
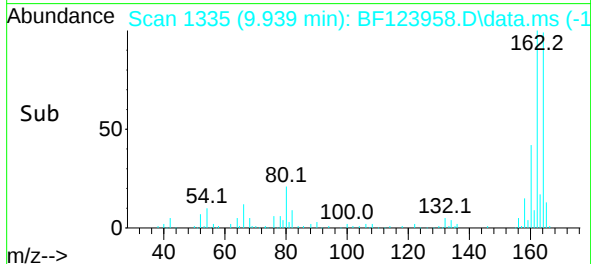
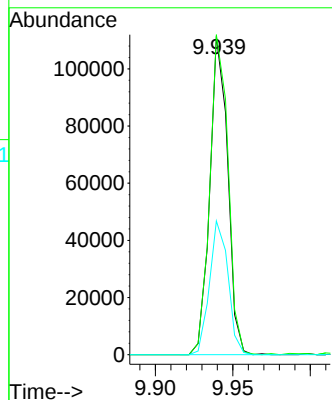
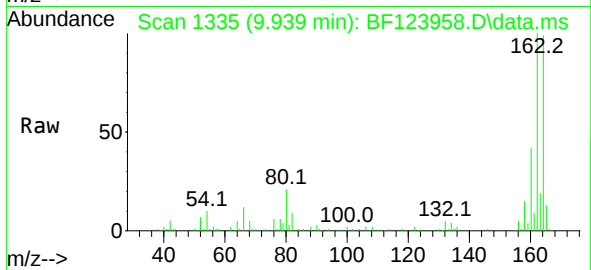




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

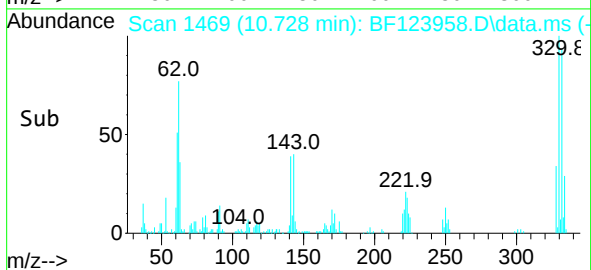
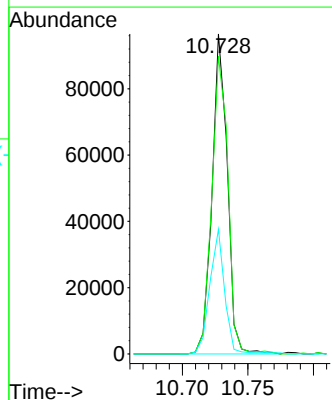
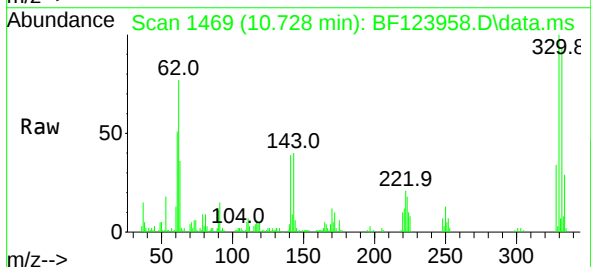
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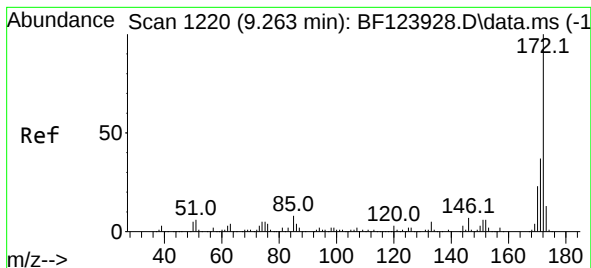
Tgt Ion:164 Resp: 89348
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 42.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 72.81 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:330 Resp: 78139
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 37.8 27.9 41.9

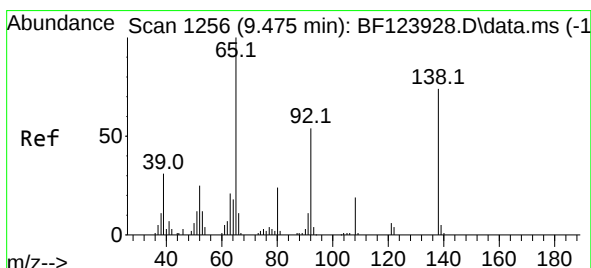
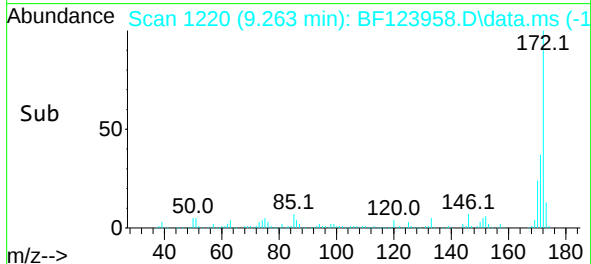
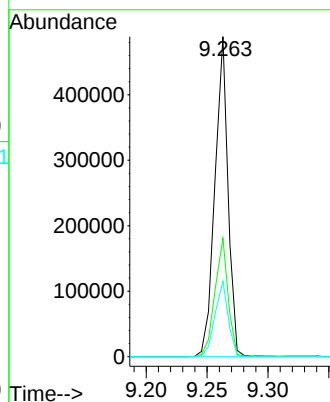
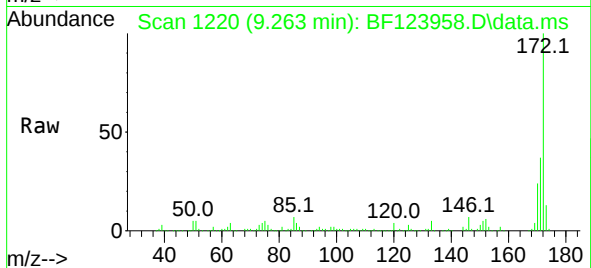




#45
2-Fluorobiphenyl
Concen: 50.71 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

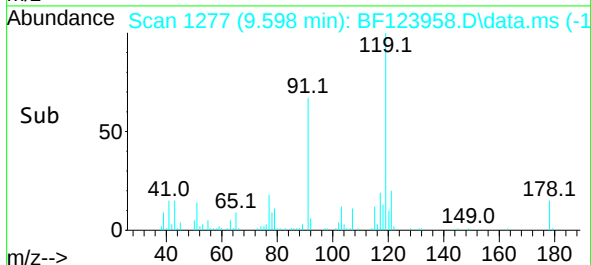
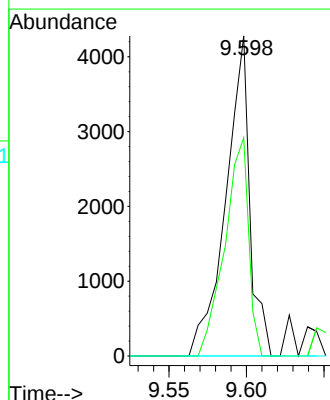
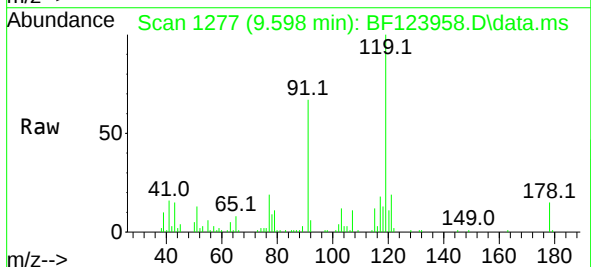
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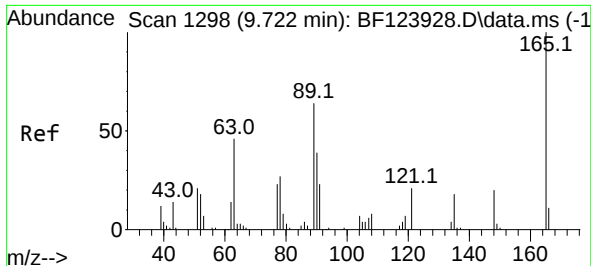
Tgt Ion:172 Resp: 368208
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.6 19.2 28.8



#48
2-Nitroaniline
Concen: 2.19 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.124 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion: 65 Resp: 4620
Ion Ratio Lower Upper
65 100
92 68.2 47.1 70.7
138 0.0 70.2 105.2#

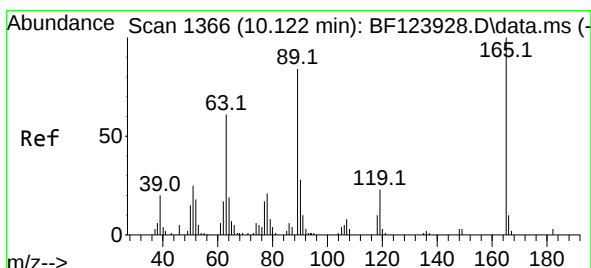
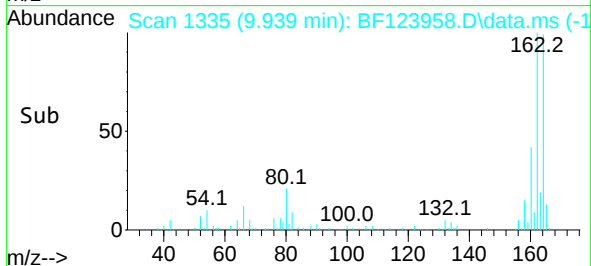
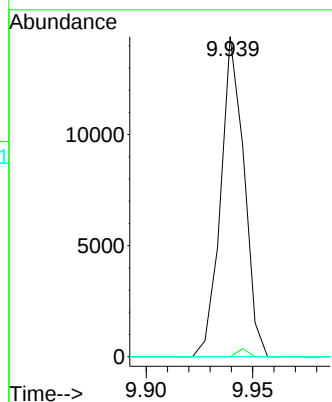
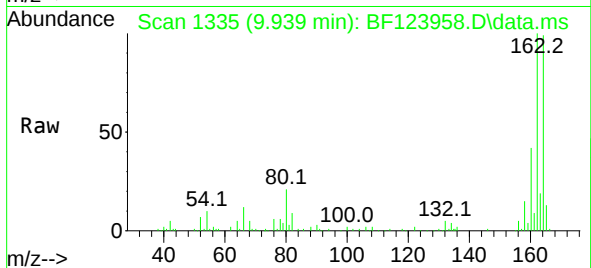




#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

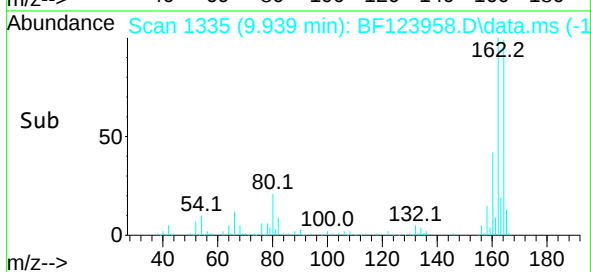
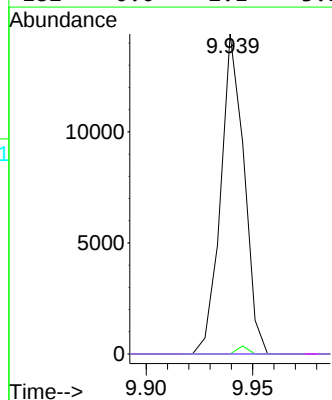
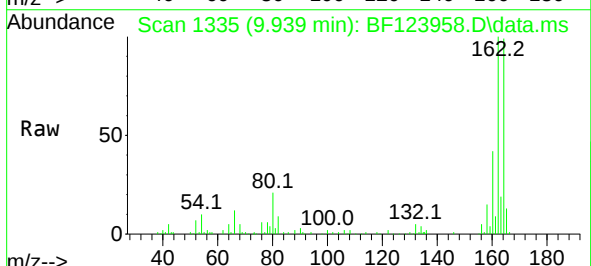
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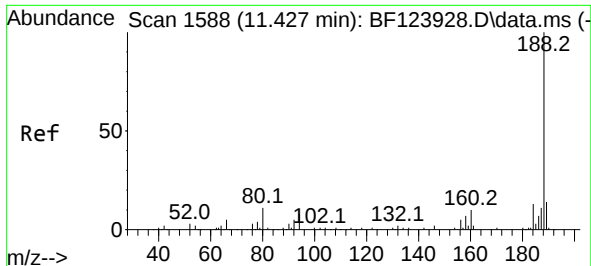
Tgt Ion:165 Resp: 10978
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:165 Resp: 10978
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#

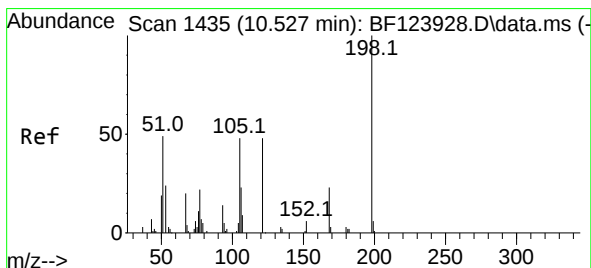
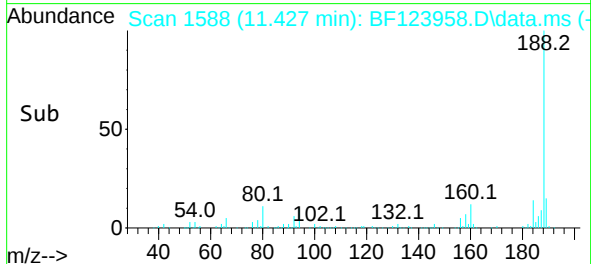
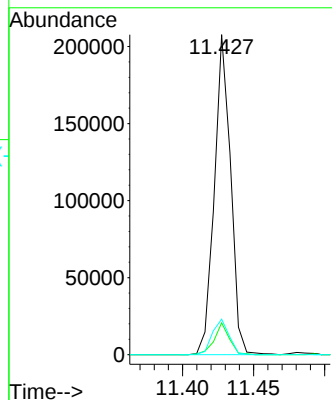
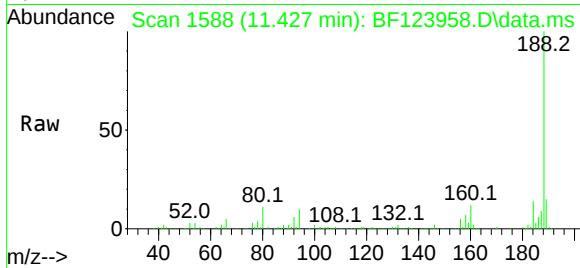




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

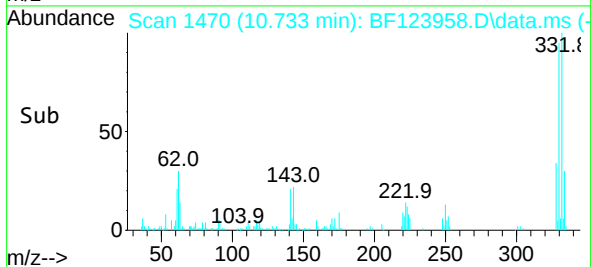
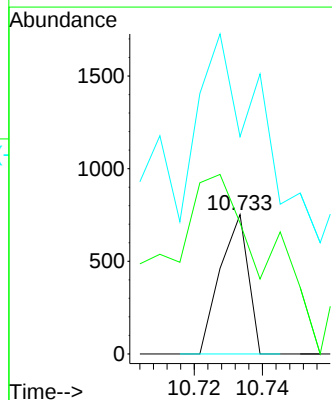
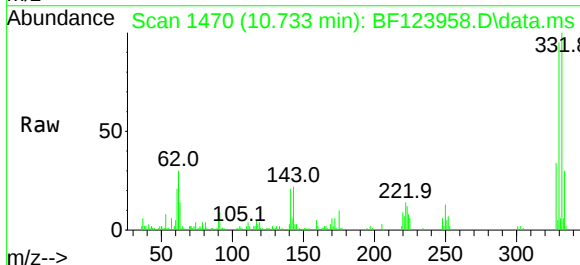
Instrument :
BNA_F
ClientSampleId :
MW-1-20210505

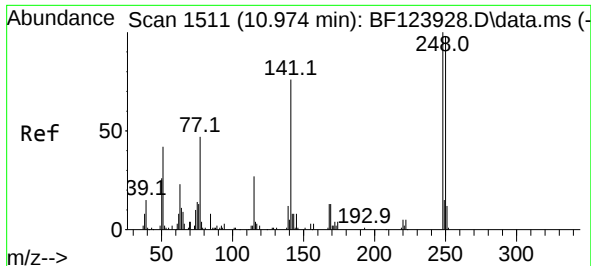
Tgt Ion:188 Resp: 165403
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.1 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.79 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:198 Resp: 429
Ion Ratio Lower Upper
198 100
51 94.0 64.8 104.8
105 156.0 42.6 82.6#

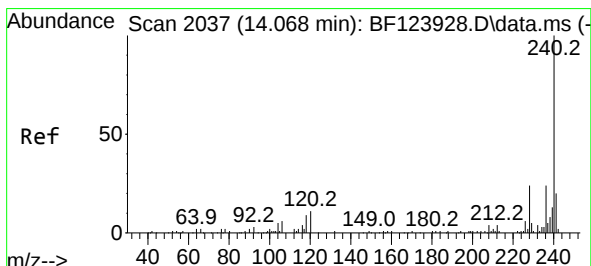
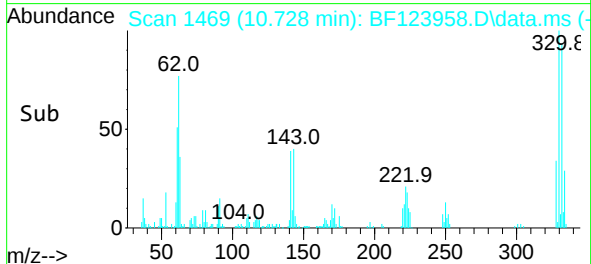
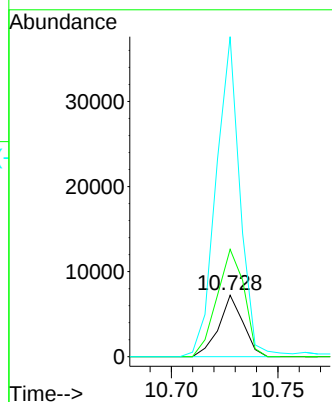
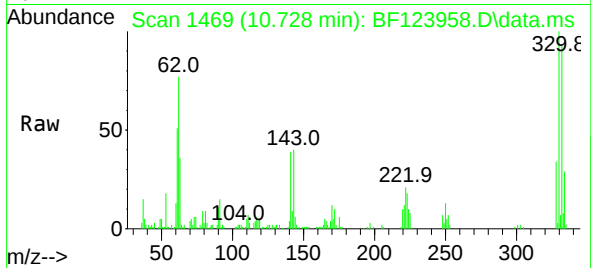




#67
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

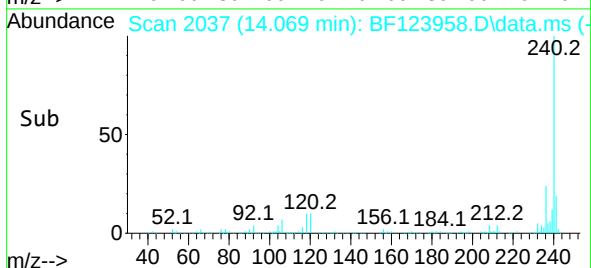
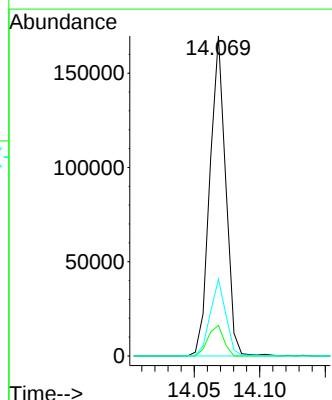
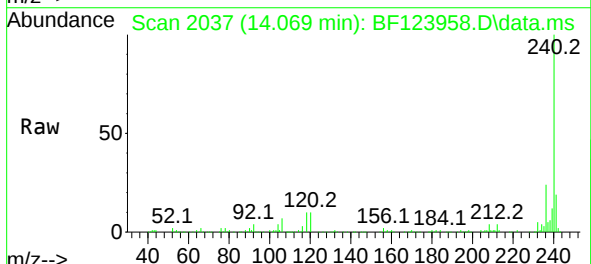
Instrument :
BNA_F
ClientSampleId :
MW-1-20210505

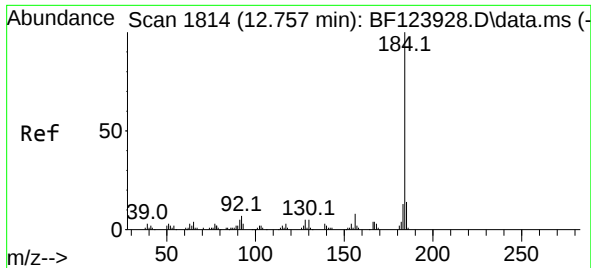
Tgt Ion:248 Resp: 5732
Ion Ratio Lower Upper
248 100
250 175.0 77.4 116.2#
141 521.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:240 Resp: 142807
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 24.0 19.0 28.4

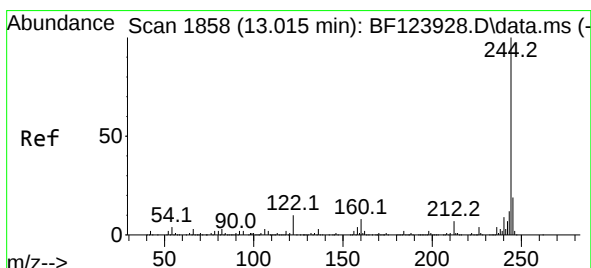
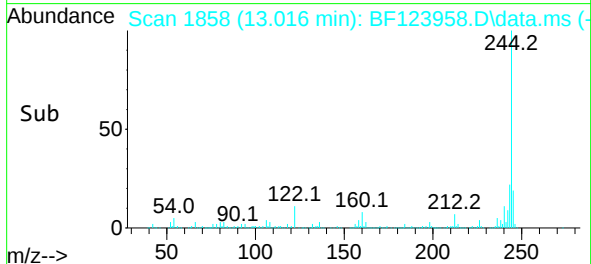
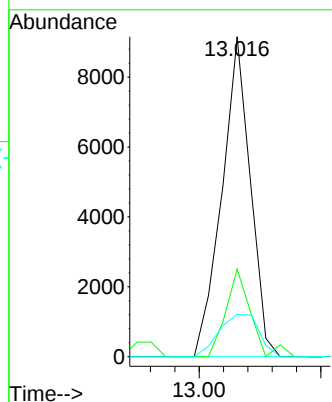
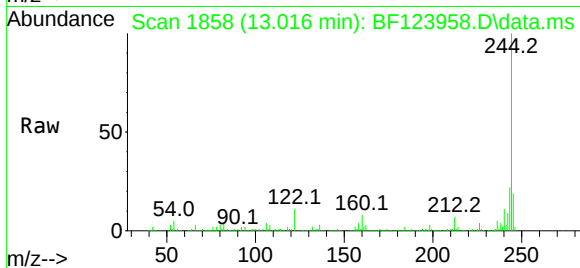




#77
Benzidine
Concen: 2.15 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

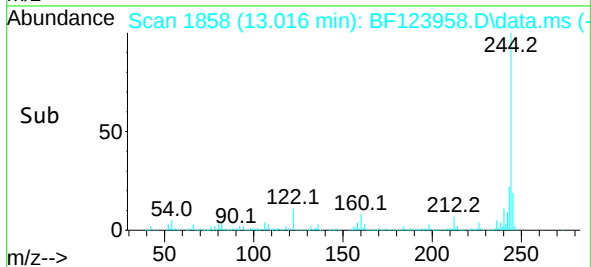
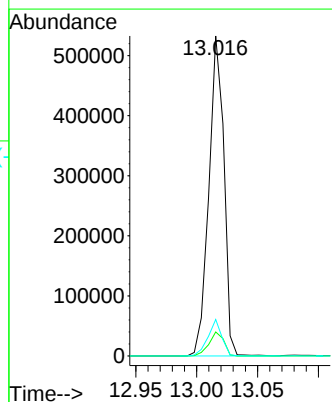
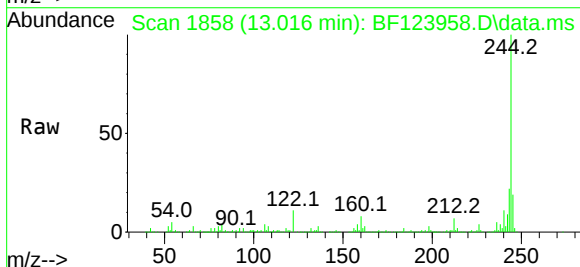
Instrument :
BNA_F
ClientSampleId :
MW-1-20210505

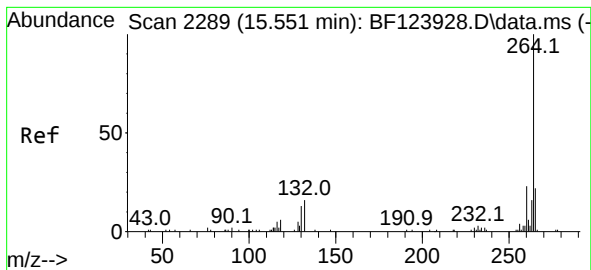
Tgt Ion:184 Resp: 7416
Ion Ratio Lower Upper
184 100
185 27.4 12.1 18.1#
183 13.2 7.8 11.8#



#79
Terphenyl-d14
Concen: 48.38 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123958.D
Acq: 17 May 2021 12:25

Tgt Ion:244 Resp: 456134
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.4 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: BF123958.D
 Acq: 17 May 2021 12:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20210505

Tgt Ion:264 Resp: 117573
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.2 17.8 26.8

