

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123488.D
 Acq On : 26 Mar 2021 16:08
 Operator : JU/CG
 Sample : M1770-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103D

Quant Time: Mar 26 16:32:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

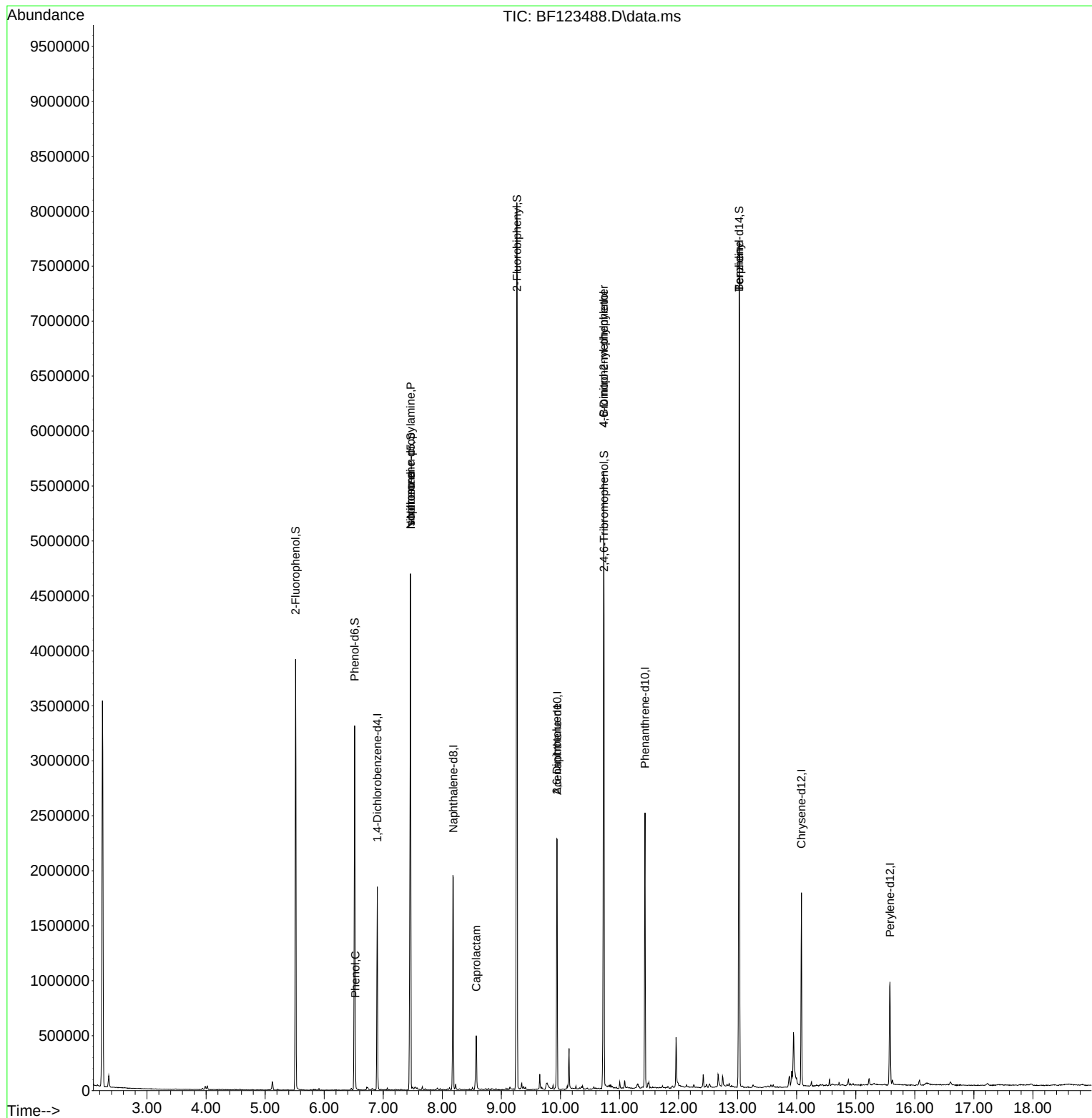
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	243270	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	921168	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	504789	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	870404	20.00	ng	0.00
76) Chrysene-d12	14.080	240	569815	20.00	ng	0.00
86) Perylene-d12	15.580	264	463746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	958803	64.48	ng	0.00
7) Phenol-d6	6.516	99	1031407	52.10	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1581739	92.67	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	755078	133.80	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2811312	79.56	ng	0.00
79) Terphenyl-d14	13.027	244	2977275	88.55	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	136	Below Cal	#	59
10) Phenol	6.528	94	42079	2.07	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	218411	17.06	ng	# 82
25) Isophorone	7.463	82	1569322	42.77	ng	# 65
35) Caprolactam	8.575	113	49677	11.22	ng	# 40
51) 2,6-Dinitrotoluene	9.939	165	67793	9.05	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.733	198	1545	5.42	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	44203	4.29	ng	# 1
77) Benzidine	13.027	184	40793	2.40	ng	96

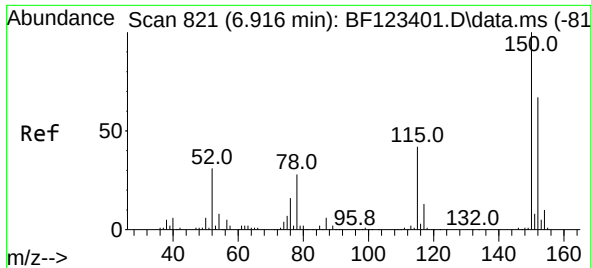
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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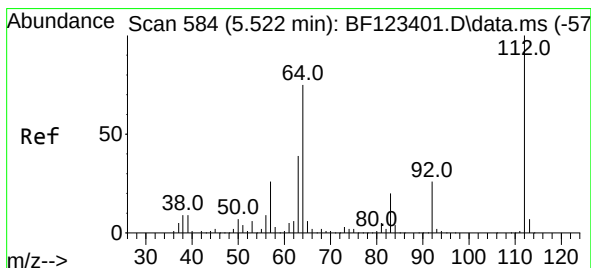
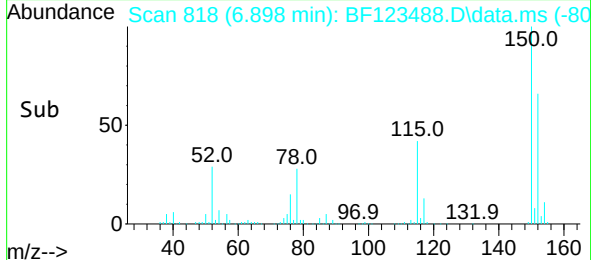
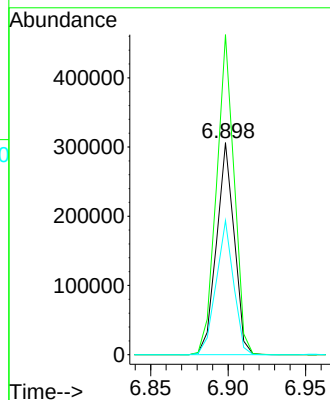
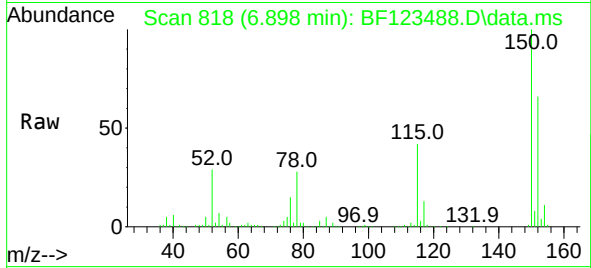




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

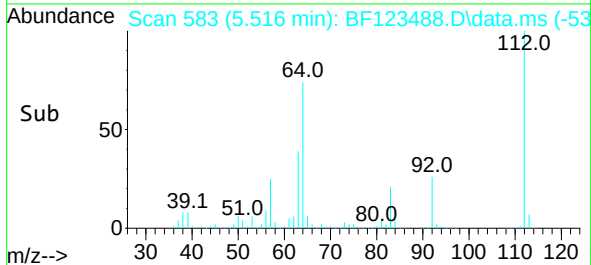
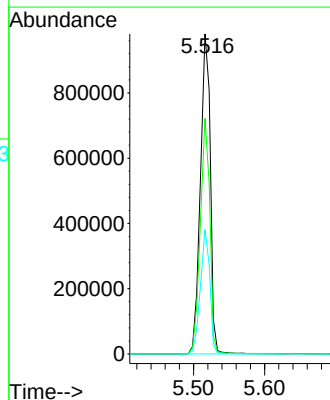
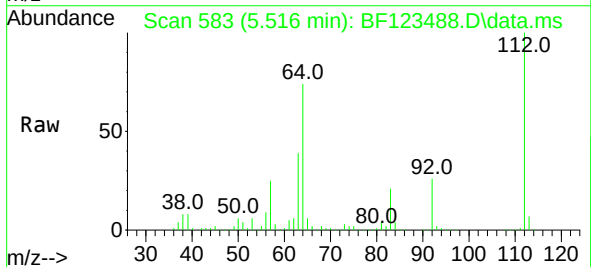
Instrument :
BNA_F
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MW-103D

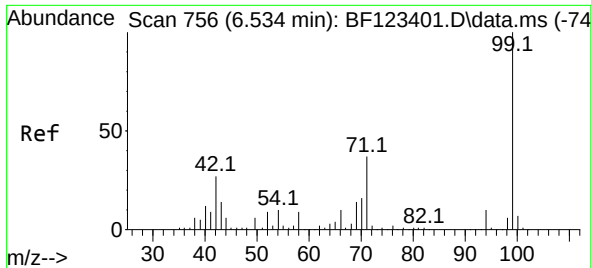
Tgt Ion:152 Resp: 243270
Ion Ratio Lower Upper
152 100
150 150.9 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 64.48 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:112 Resp: 958803
Ion Ratio Lower Upper
112 100
64 73.6 46.9 70.3#
63 38.9 24.5 36.7#

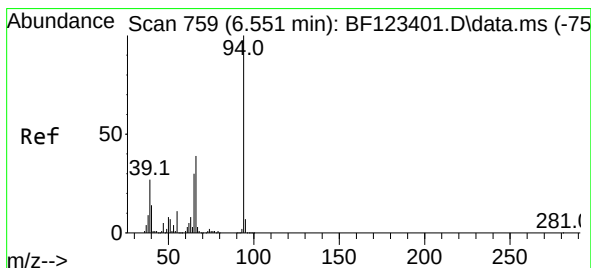
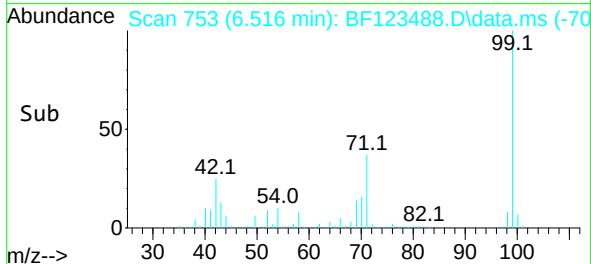
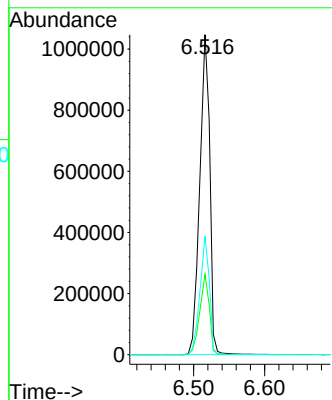
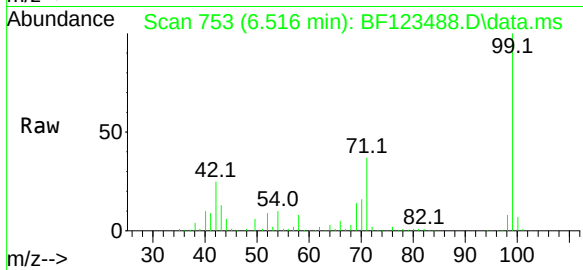




#7
Phenol-d6
Concen: 52.10 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

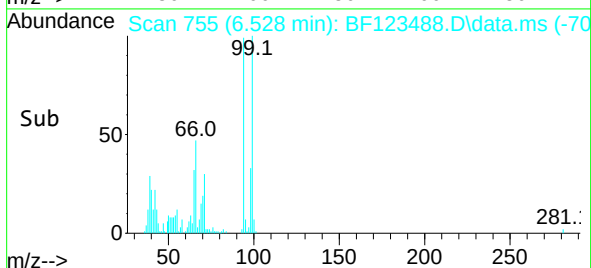
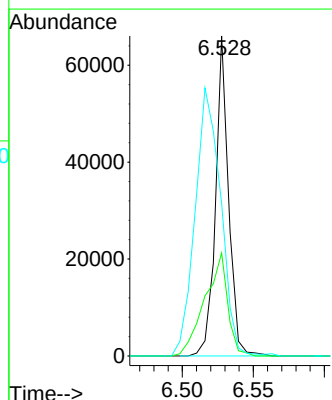
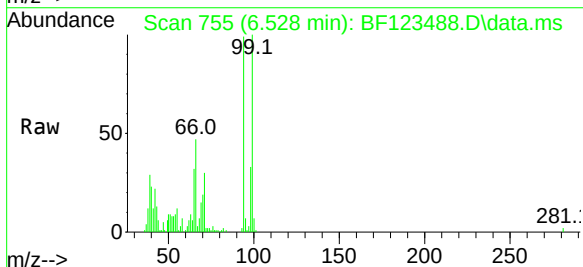
Instrument :
BNA_F
ClientSampleId :
MW-103D

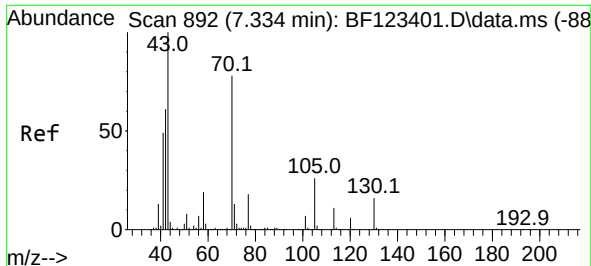
Tgt Ion: 99 Resp: 1031407
Ion Ratio Lower Upper
99 100
42 25.1 13.8 20.6#
71 37.0 26.9 40.3



#10
Phenol
Concen: 2.07 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

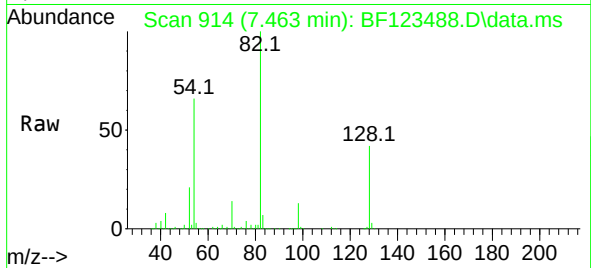
Tgt Ion: 94 Resp: 42079
Ion Ratio Lower Upper
94 100
65 32.2 11.2 51.2
66 47.7 25.8 65.8



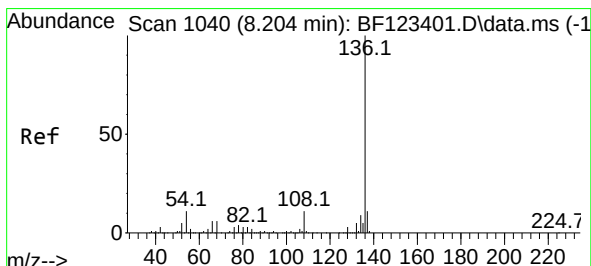
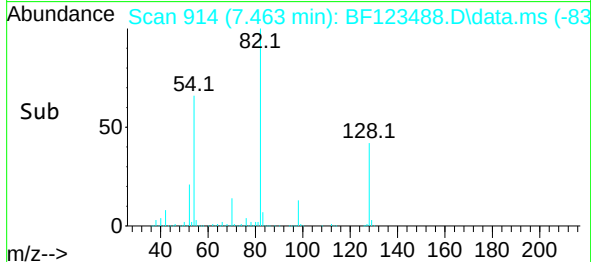
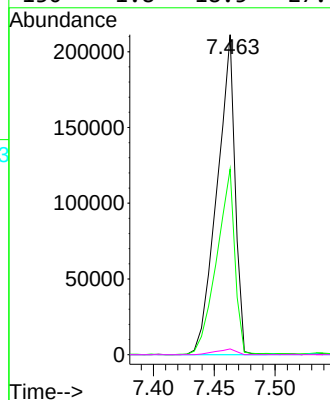


#19
n-Nitroso-di-n-propylamine
Concen: 17.06 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

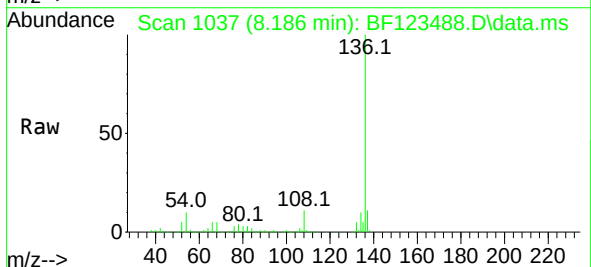
Instrument :
BNA_F
ClientSampled :
MW-103D



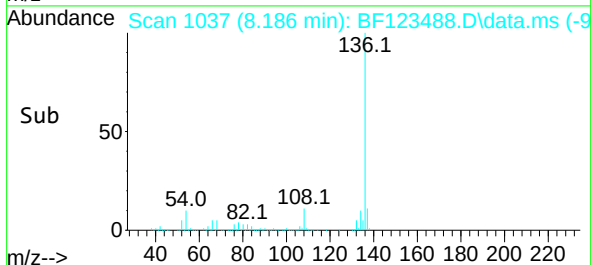
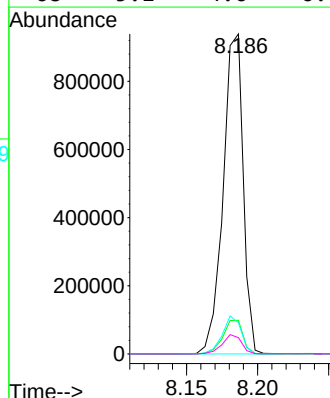
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#

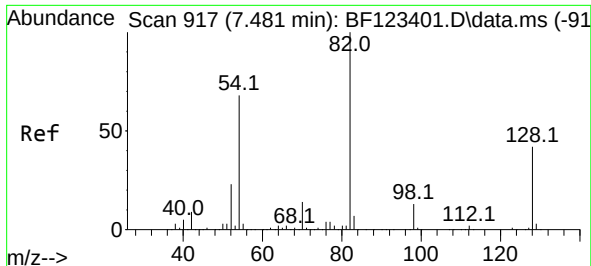


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.7	5.5	8.3#
68	5.1	4.6	6.8

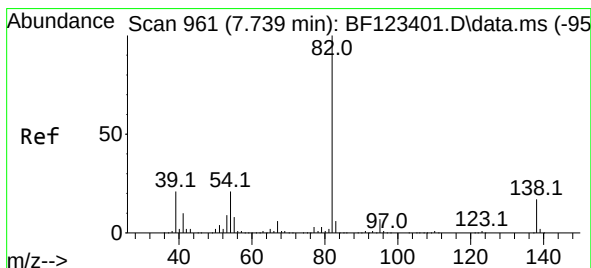
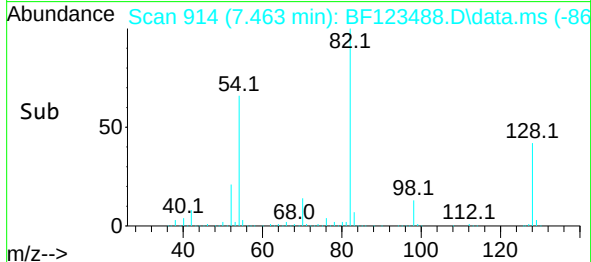
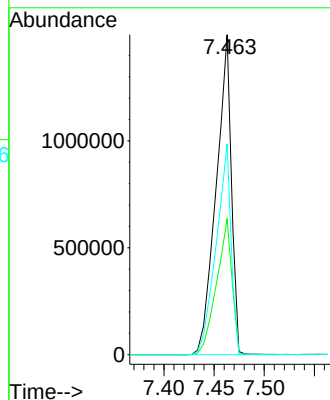
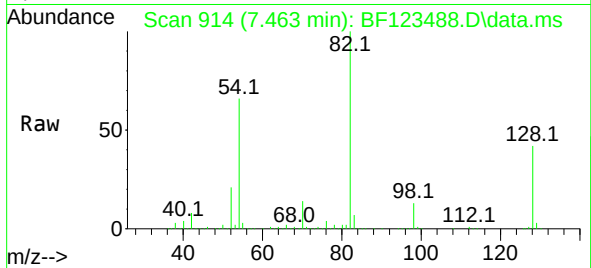




#23
Nitrobenzene-d5
Concen: 92.67 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

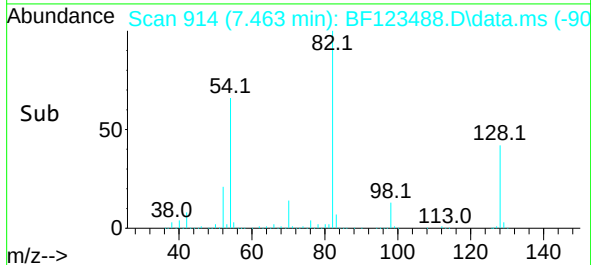
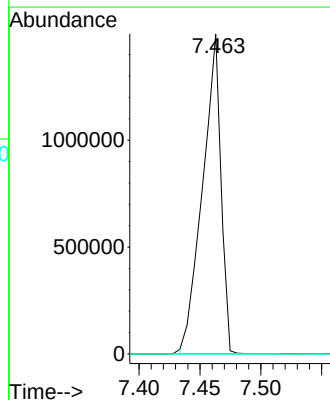
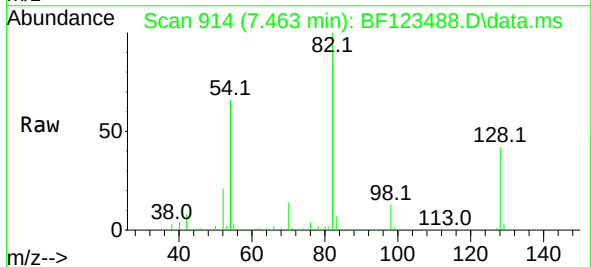
Instrument :
BNA_F
ClientSampleId :
MW-103D

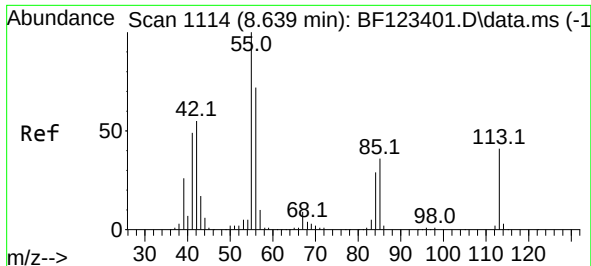
Tgt Ion: 82 Resp: 1581739
Ion Ratio Lower Upper
82 100
128 42.4 37.0 55.4
54 65.9 38.4 57.6#



#25
Isophorone
Concen: 42.77 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion: 82 Resp: 1569322
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

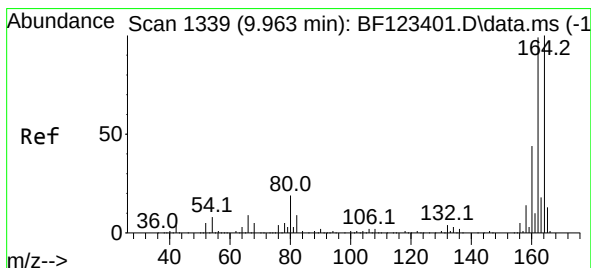
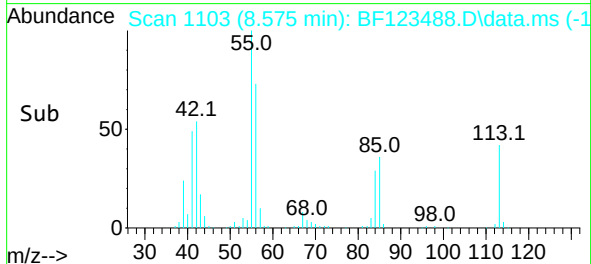
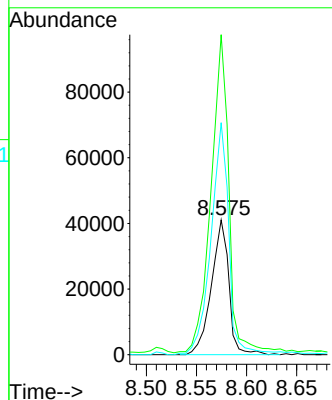
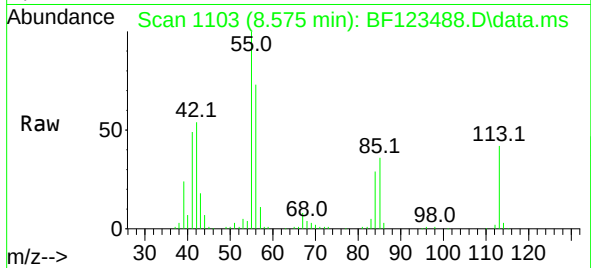




#35
Caprolactam
Concen: 11.22 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.047 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

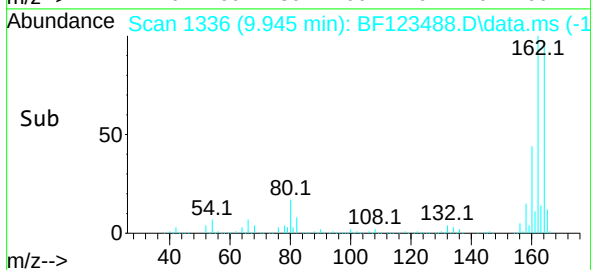
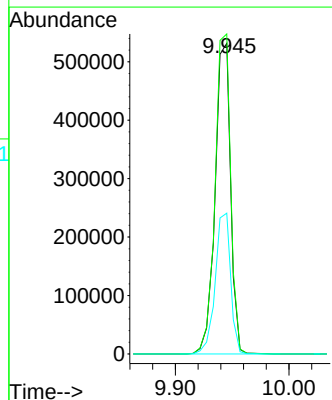
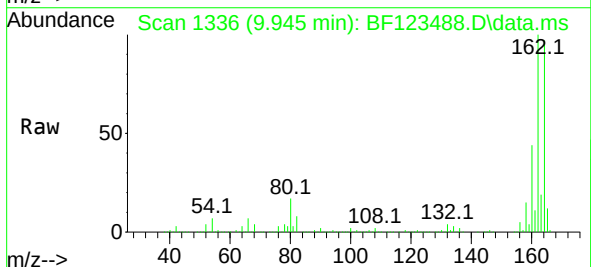
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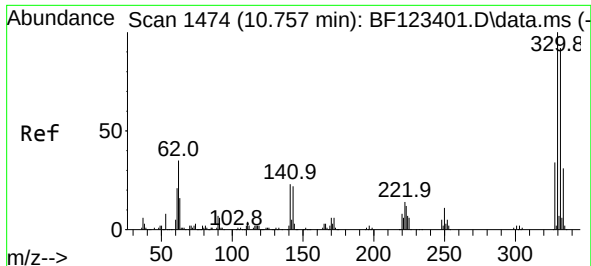
Tgt Ion:113 Resp: 49677
Ion Ratio Lower Upper
113 100
55 237.4 133.7 173.7#
56 172.2 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:164 Resp: 504789
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.3 35.4 53.0

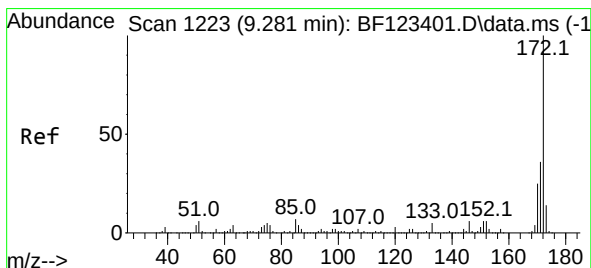
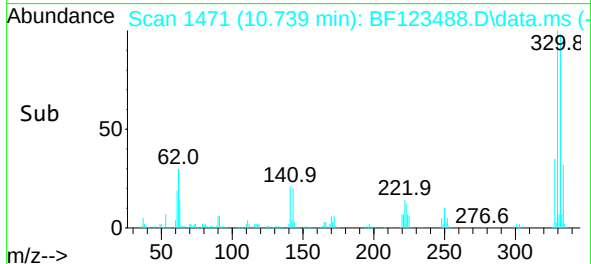
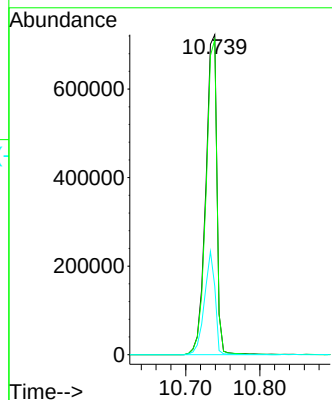
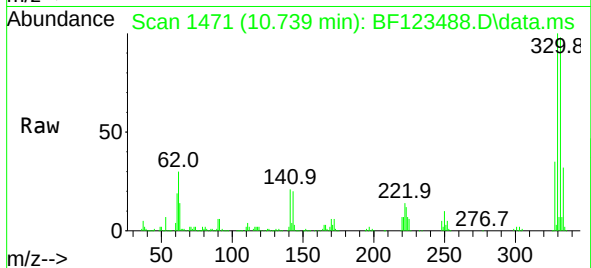




#42
2,4,6-Tribromophenol
Concen: 133.80 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

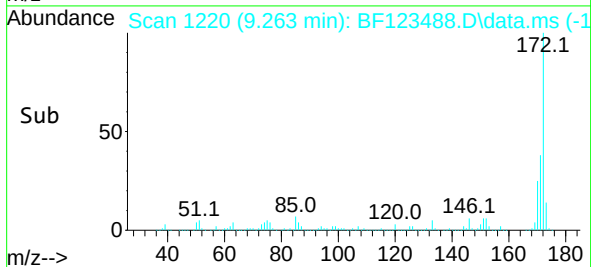
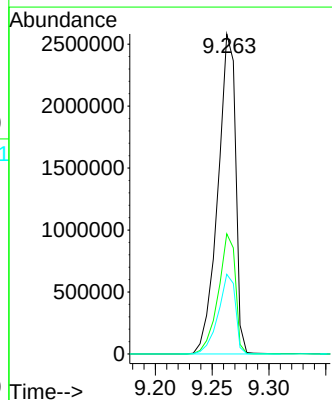
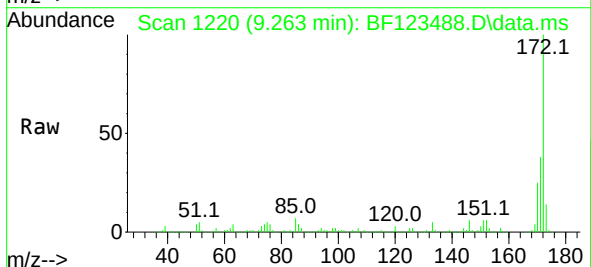
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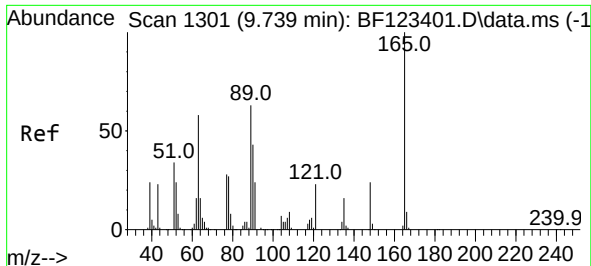
Tgt Ion:330 Resp: 755078
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 30.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 79.56 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:172 Resp: 2811312
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.9 19.5 29.3

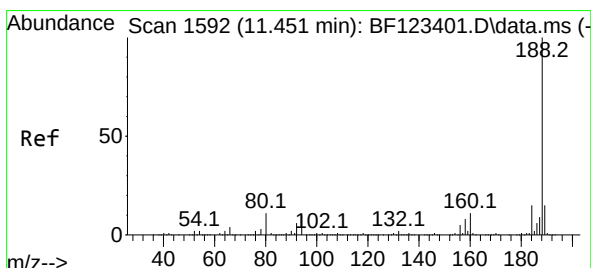
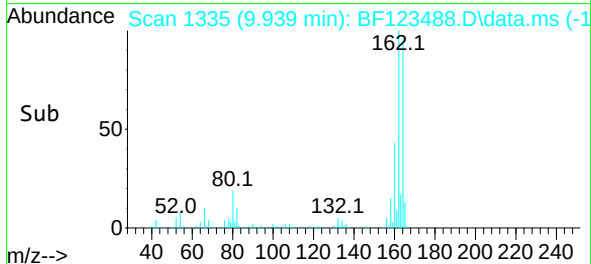
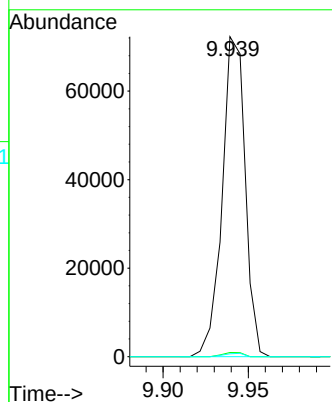
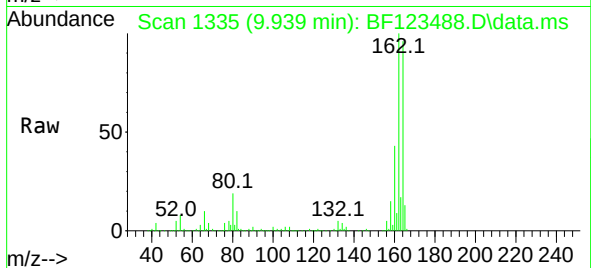




#51
2,6-Dinitrotoluene
Concen: 9.05 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

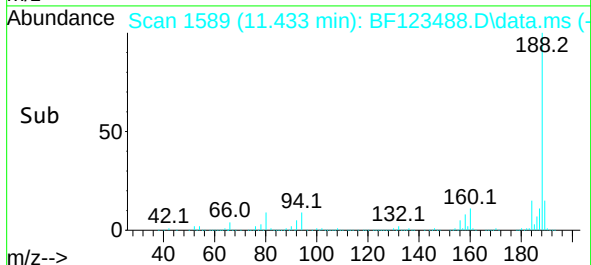
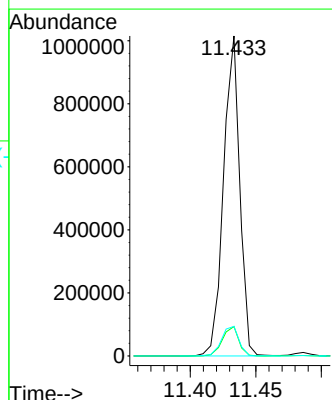
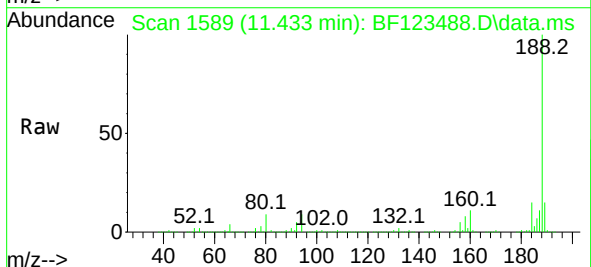
Instrument :
BNA_F
ClientSampled :
MW-103D

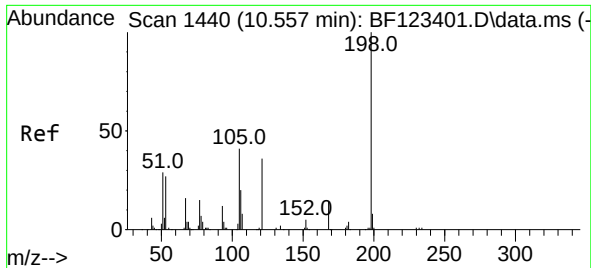
Tgt Ion:165 Resp: 67793
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 0.9 39.4 59.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:188 Resp: 870404
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.3 8.2 12.4

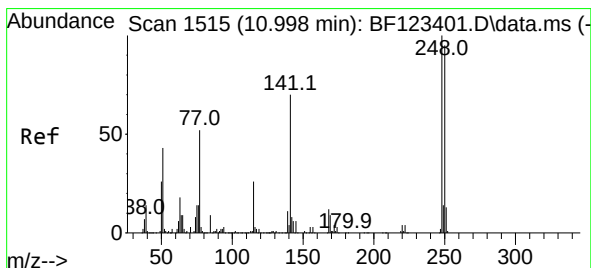
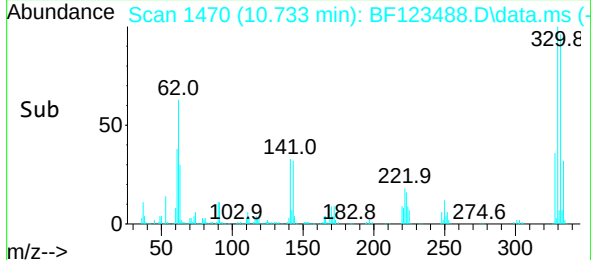
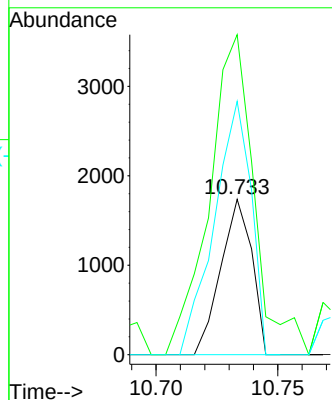
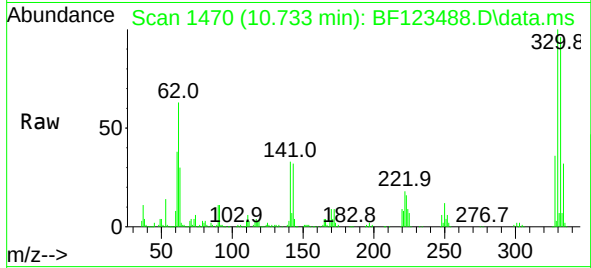




#65
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

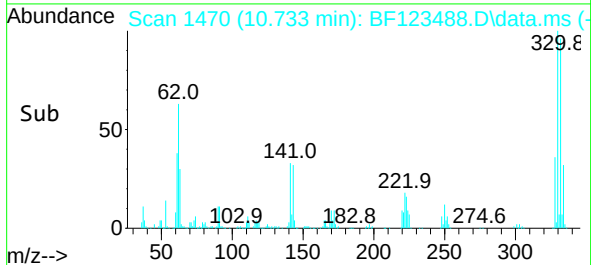
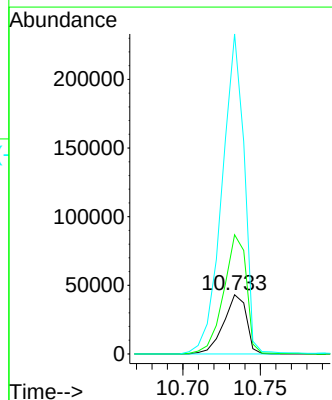
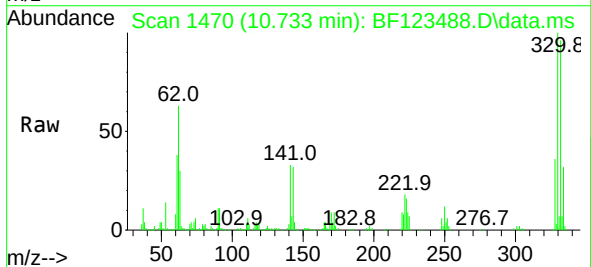
Instrument :
BNA_F
ClientSampled :
MW-103D

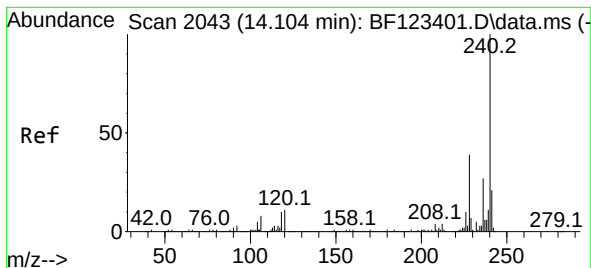
Tgt Ion:198 Resp: 1545
Ion Ratio Lower Upper
198 100
51 205.9 20.3 60.3#
105 163.0 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:248 Resp: 44203
Ion Ratio Lower Upper
248 100
250 201.0 76.8 115.2#
141 539.9 59.8 89.8#

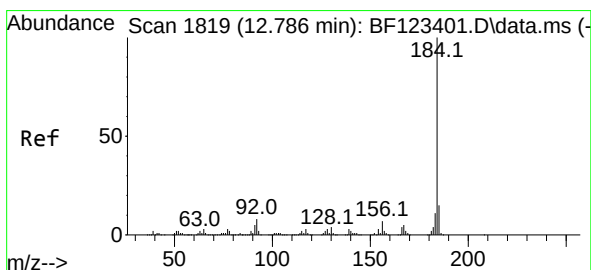
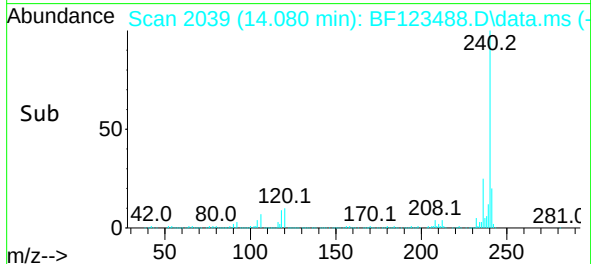
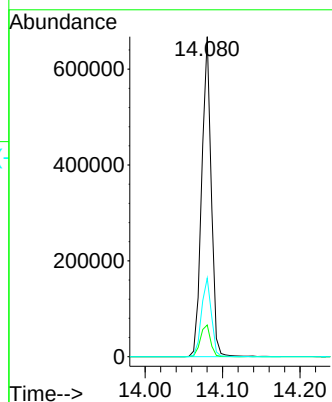
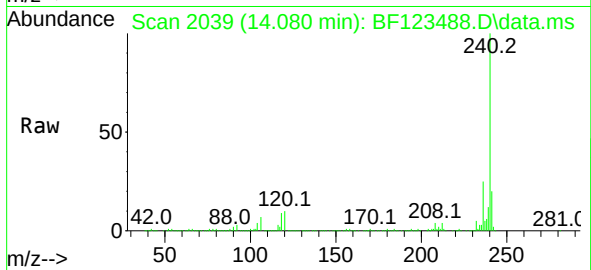




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

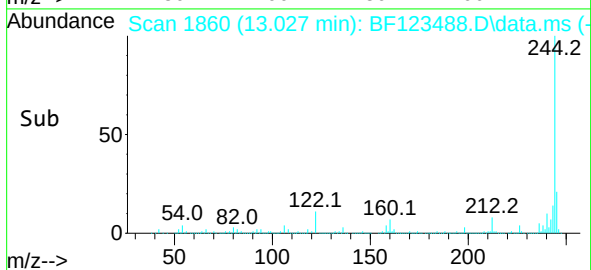
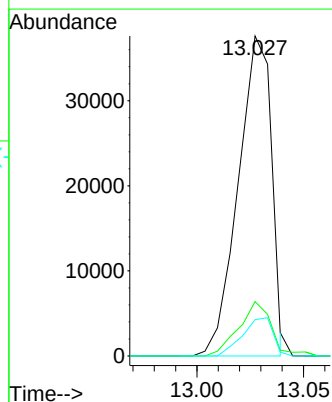
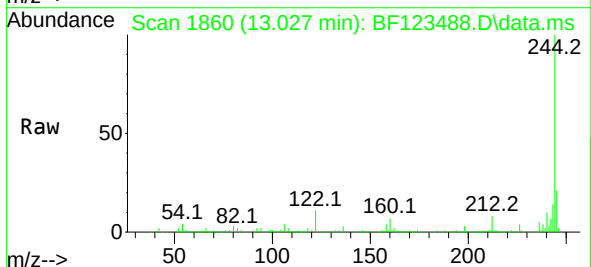
Instrument :
BNA_F
ClientSampleId :
MW-103D

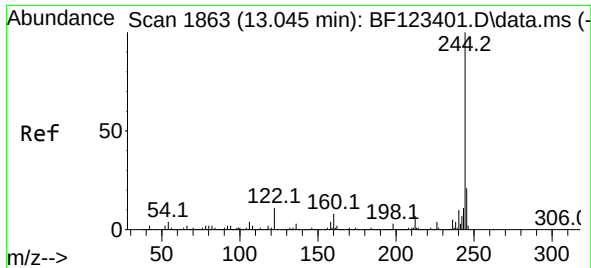
Tgt Ion:240 Resp: 569815
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 24.5 20.3 30.5



#77
Benzidine
Concen: 2.40 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:184 Resp: 40793
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 11.4 9.7 14.5

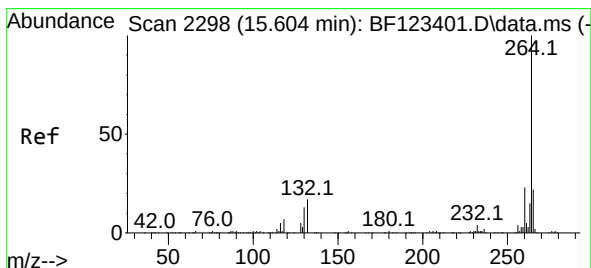
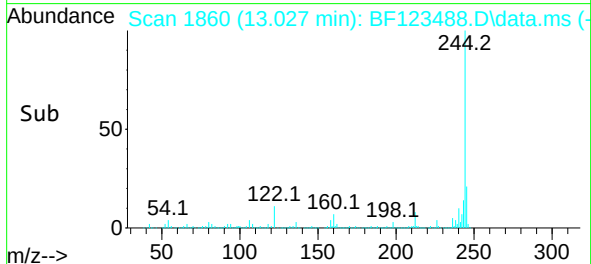
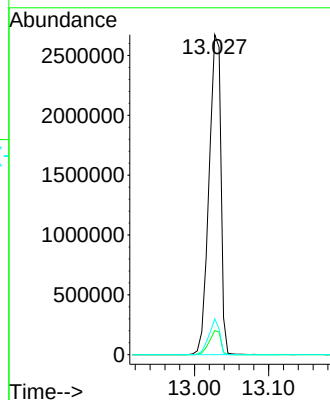
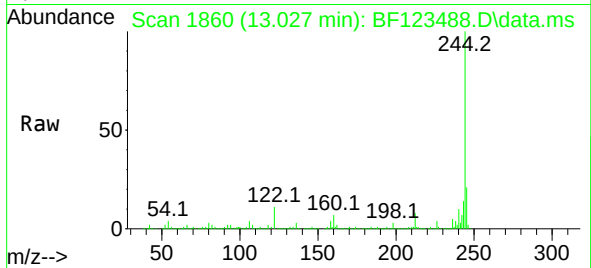




#79
Terphenyl-d14
Concen: 88.55 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:244 Resp: 2977275
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.2 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123488.D
Acq: 26 Mar 2021 16:08

Tgt Ion:264 Resp: 463746
Ion Ratio Lower Upper
264 100
260 22.0 18.6 28.0
265 21.7 17.0 25.6

