

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123495.D
 Acq On : 26 Mar 2021 20:02
 Operator : JU/CG
 Sample : M1770-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Mar 26 22:58:50 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)

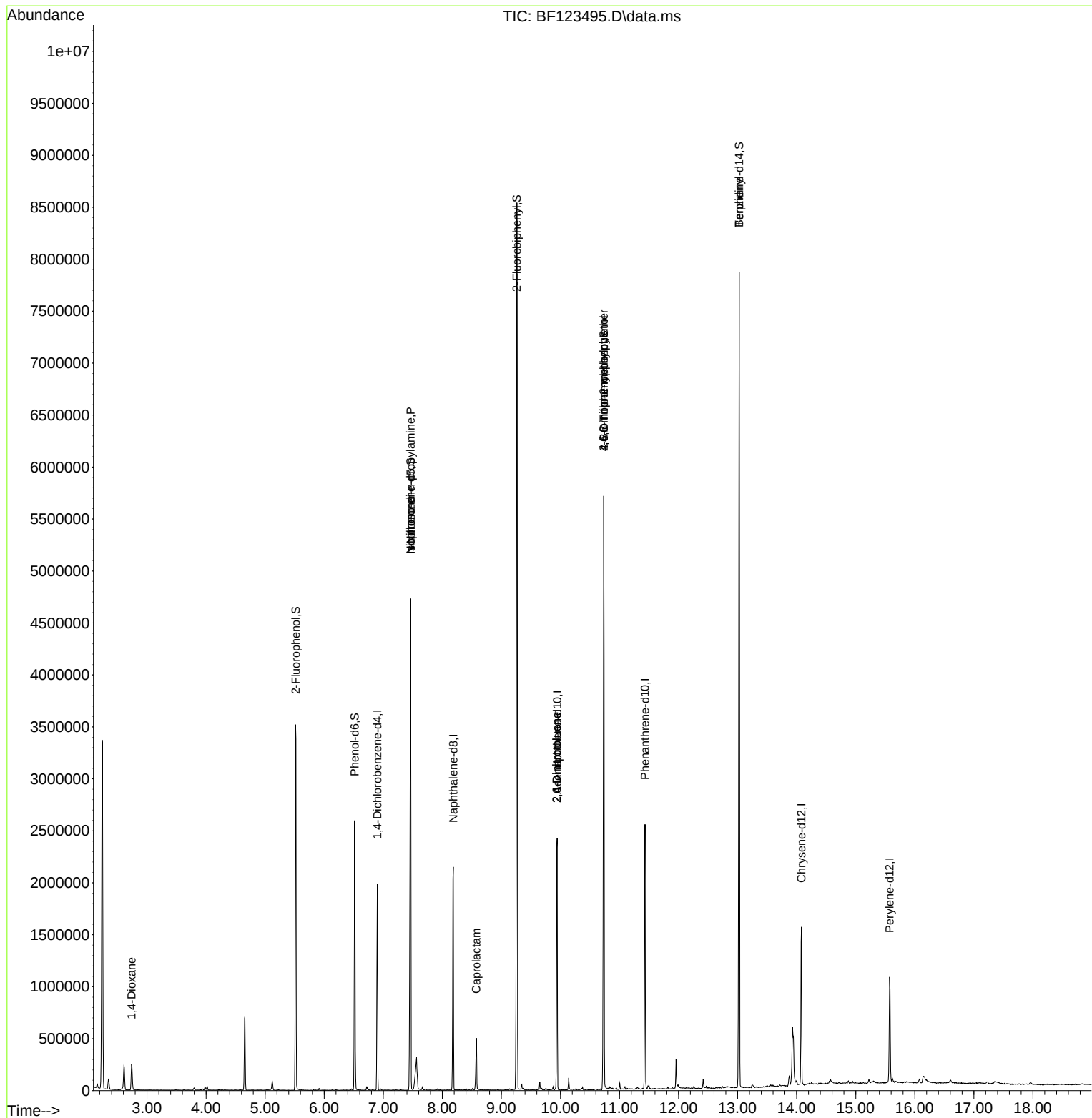
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	259823	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	960306	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	528881	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	889053	20.00	ng	0.00
76) Chrysene-d12	14.080	240	528727	20.00	ng	0.00
86) Perylene-d12	15.574	264	471285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	888244	55.93	ng	0.00
7) Phenol-d6	6.516	99	740779	35.04	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1632169	91.73	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	753902	127.50	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2890784	78.09	ng	0.00
79) Terphenyl-d14	13.027	244	2711203	86.90	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	104875	13.73	ng	# 64
9) Benzaldehyde	6.445	77	133	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.463	70	224962	16.45	ng	# 82
25) Isophorone	7.463	82	1622414	42.41	ng	# 65
35) Caprolactam	8.575	113	46692	10.12	ng	# 31
51) 2,6-Dinitrotoluene	9.939	165	68014	8.67	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	68014	6.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1586	5.42	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	44241	4.20	ng	# 1
77) Benzidine	13.027	184	36134	2.29	ng	98

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

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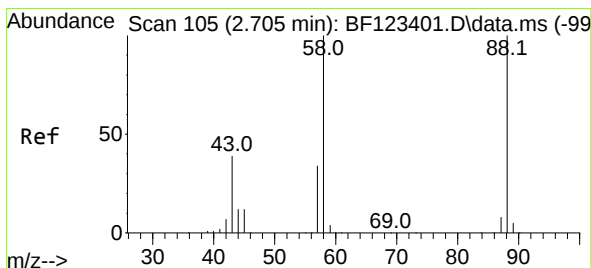
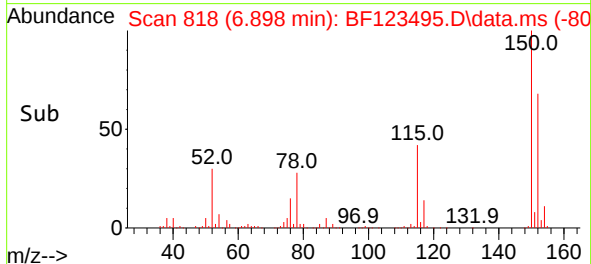
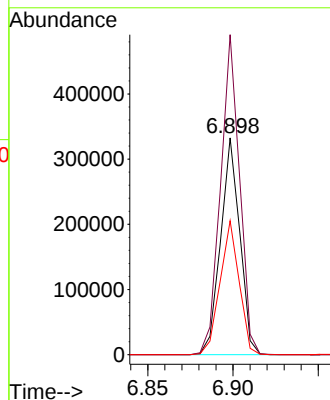
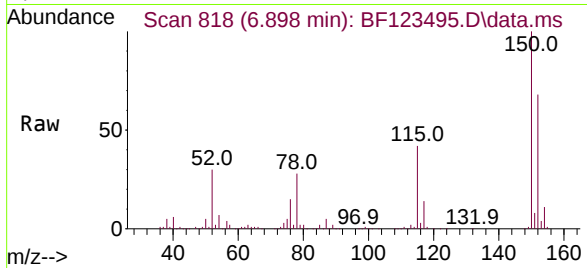




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

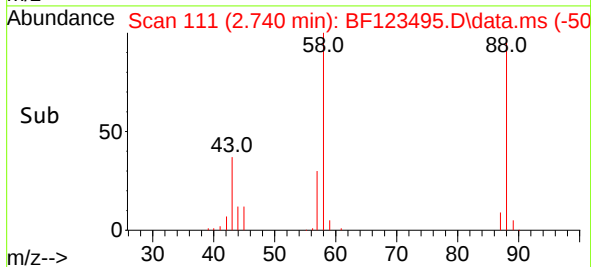
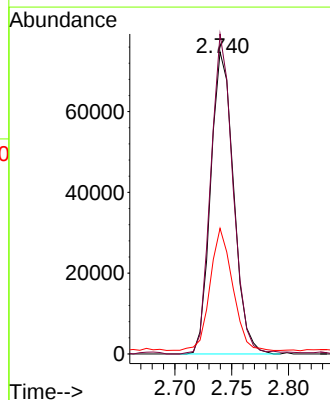
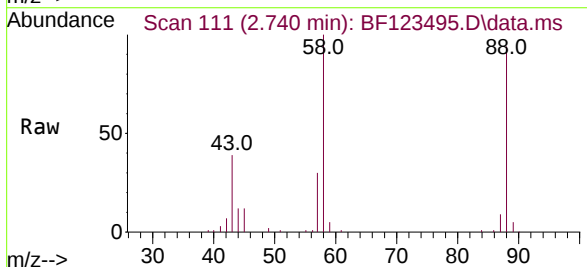
Instrument :
BNA_F
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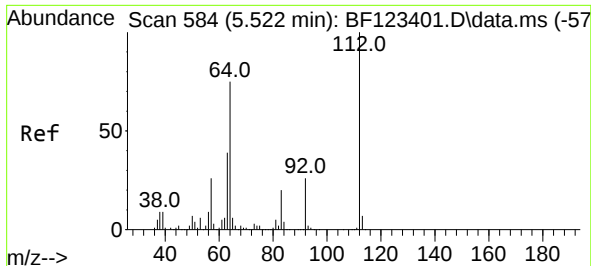
Tgt Ion:152 Resp: 259823
Ion Ratio Lower Upper
152 100
150 147.6 125.8 188.6
115 61.8 49.3 73.9



#2
1,4-Dioxane
Concen: 13.73 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.059 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 88 Resp: 104875
Ion Ratio Lower Upper
88 100
58 103.3 56.2 84.2#
43 39.5 21.8 32.6#

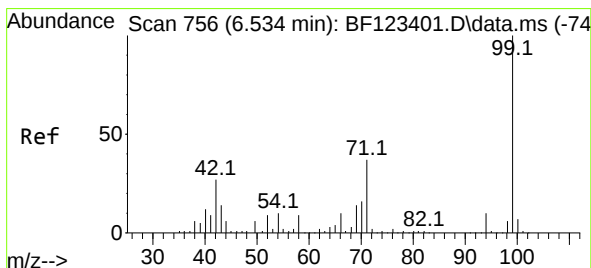
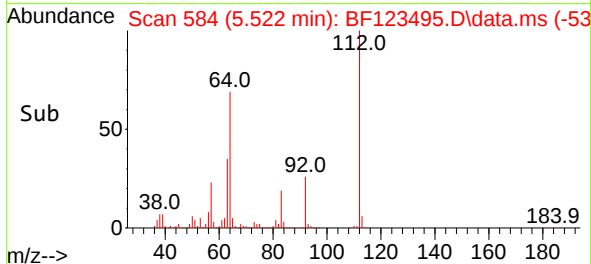
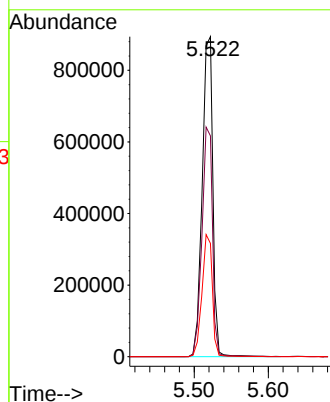
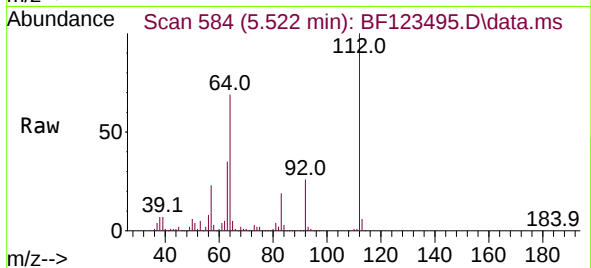




#5
2-Fluorophenol
Concen: 55.93 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

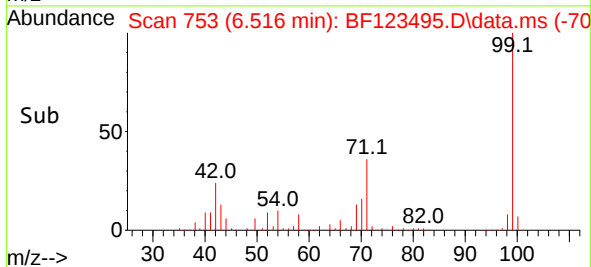
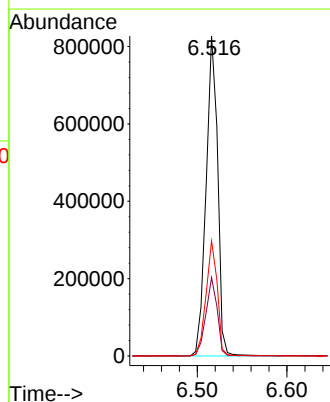
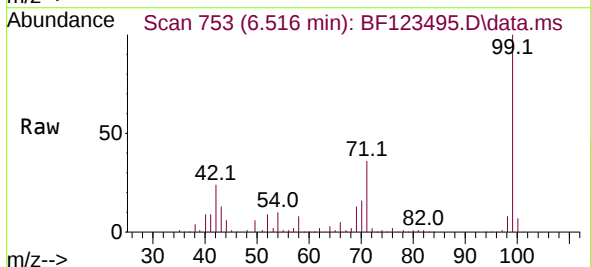
Instrument :
BNA_F
ClientSampleId :
MW-101I

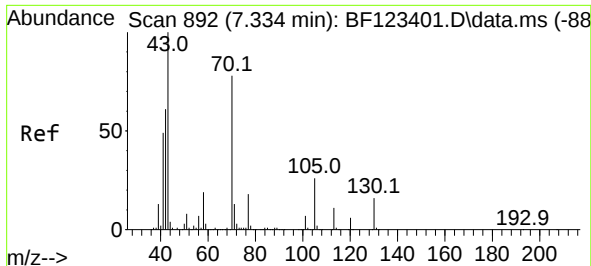
Tgt Ion:112 Resp: 888244
Ion Ratio Lower Upper
112 100
64 69.0 46.9 70.3
63 35.4 24.5 36.7



#7
Phenol-d6
Concen: 35.04 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 99 Resp: 740779
Ion Ratio Lower Upper
99 100
42 24.5 13.8 20.6#
71 35.9 26.9 40.3

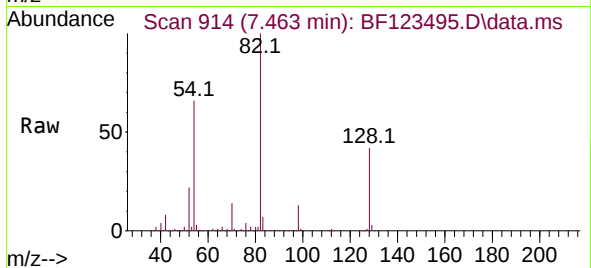




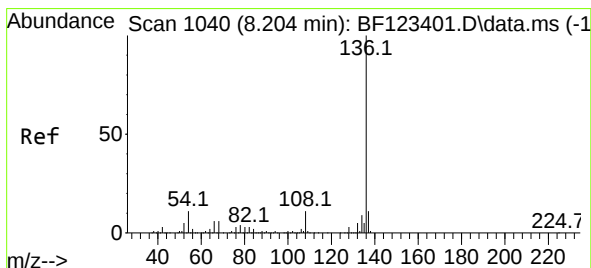
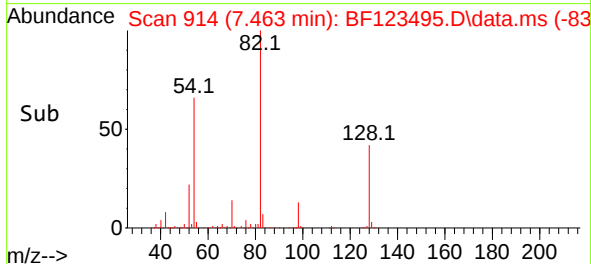
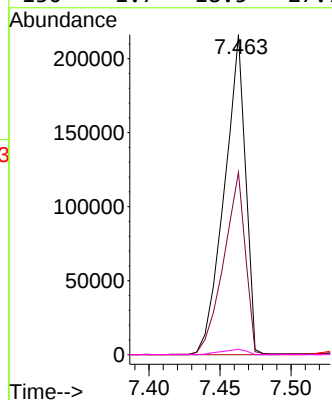
#19

n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Instrument :
BNA_F
ClientSampleId :
MW-101I



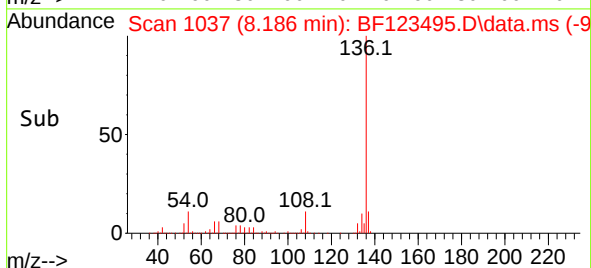
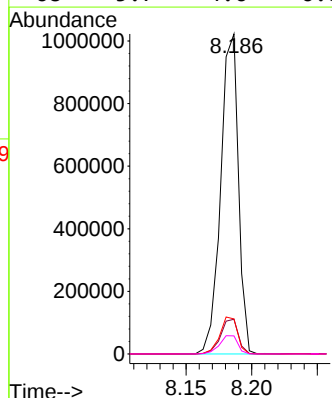
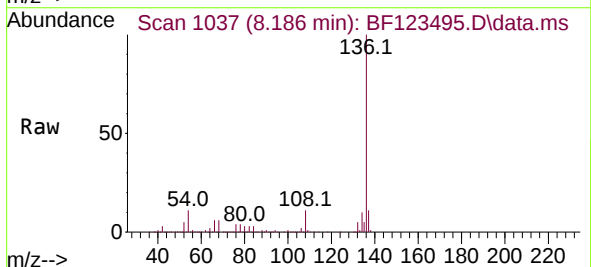
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#

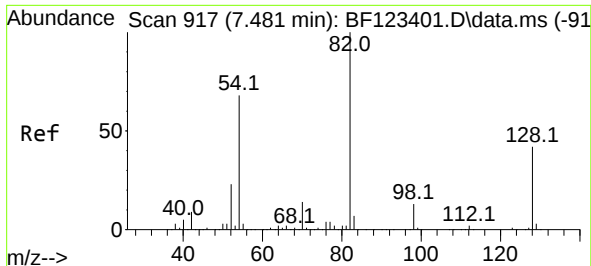


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.0	5.5	8.3#
68	5.7	4.6	6.8

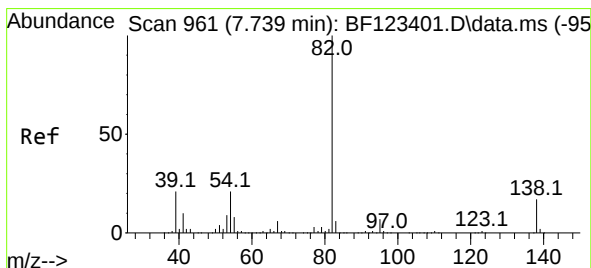
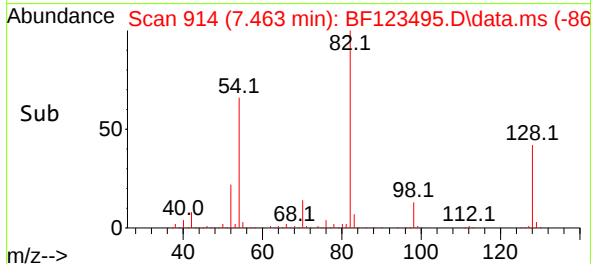
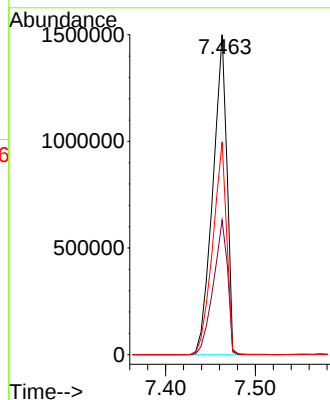
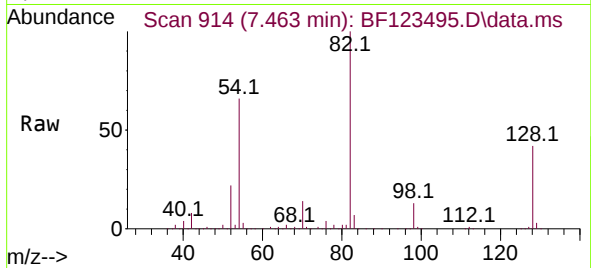




#23
Nitrobenzene-d5
Concen: 91.73 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

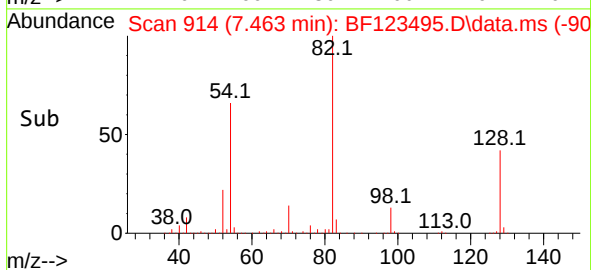
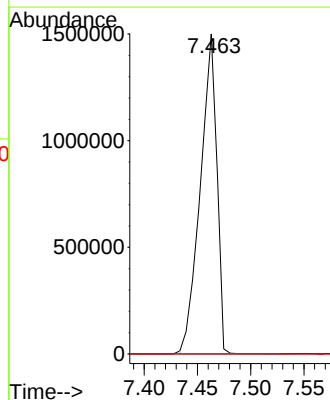
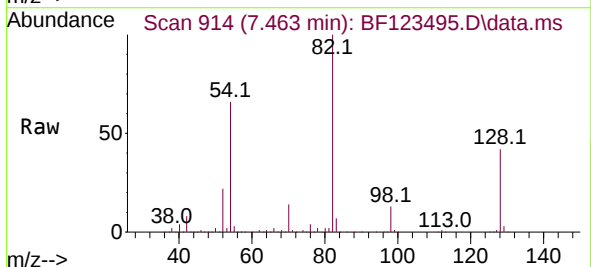
Instrument :
BNA_F
ClientSampleId :
MW-101I

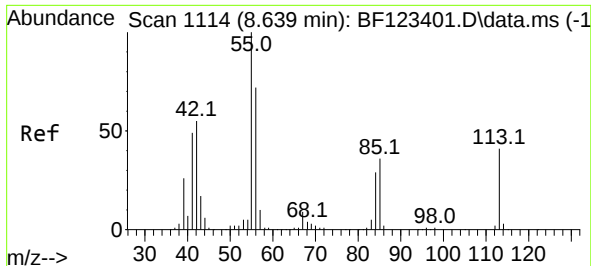
Tgt Ion: 82 Resp: 1632169
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.4
54 66.5 38.4 57.6#



#25
Isophorone
Concen: 42.41 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 82 Resp: 1622414
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

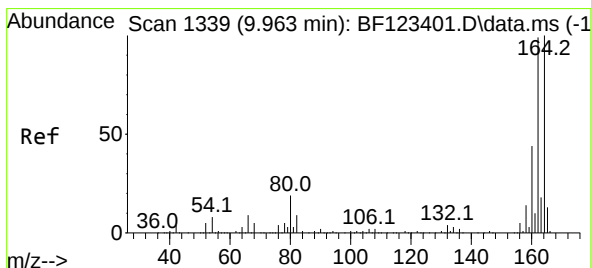
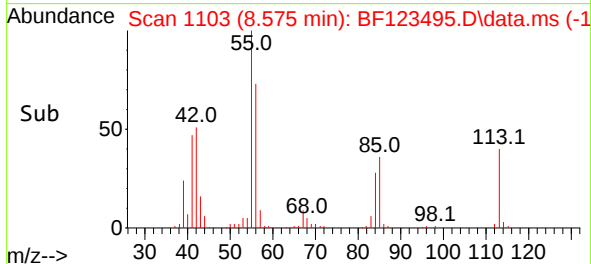
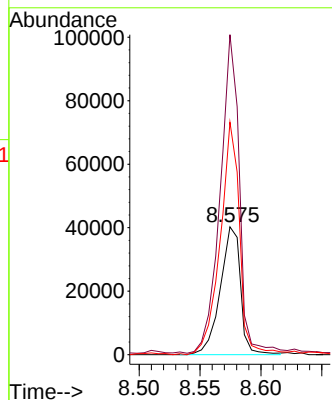
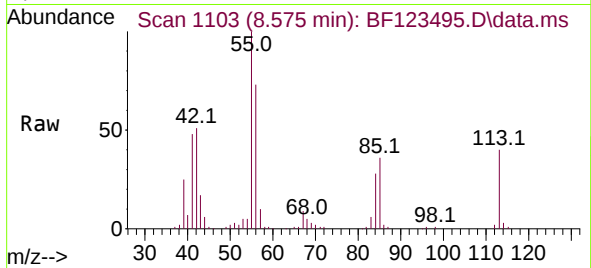




#35
Caprolactam
Concen: 10.12 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.047 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

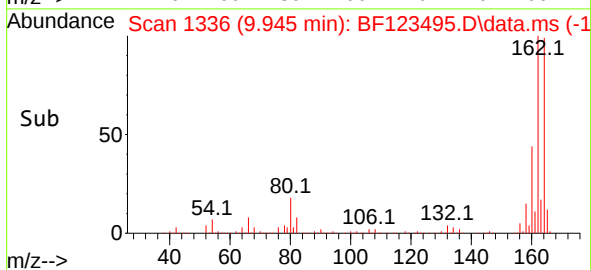
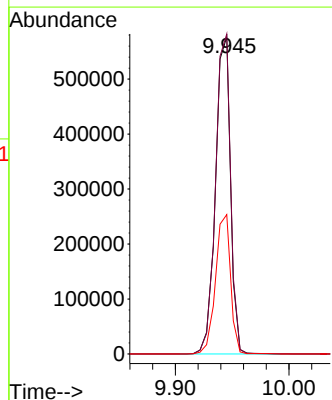
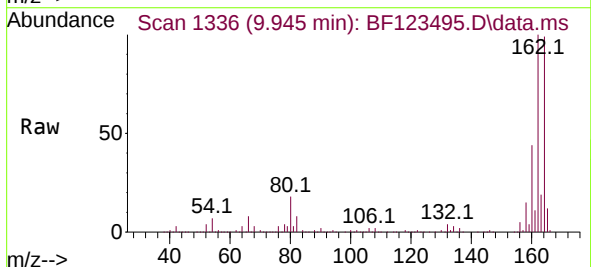
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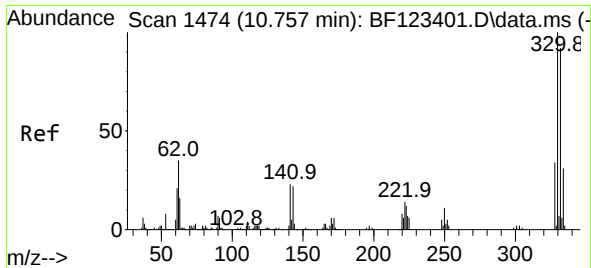
Tgt Ion:113 Resp: 46692
Ion Ratio Lower Upper
113 100
55 250.4 133.7 173.7#
56 181.9 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:164 Resp: 528881
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 44.0 35.4 53.0

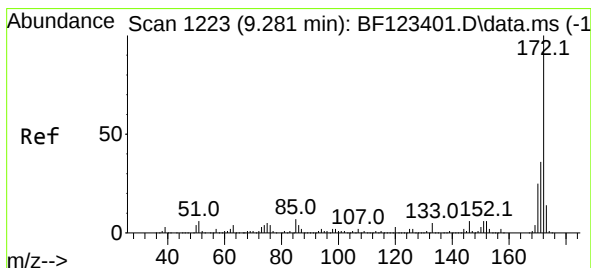
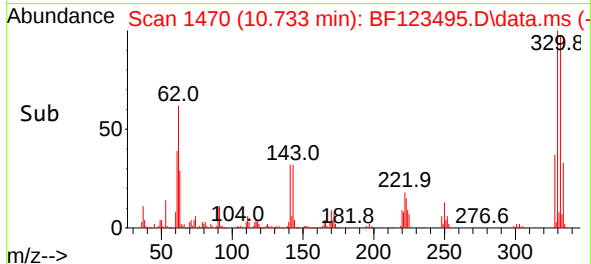
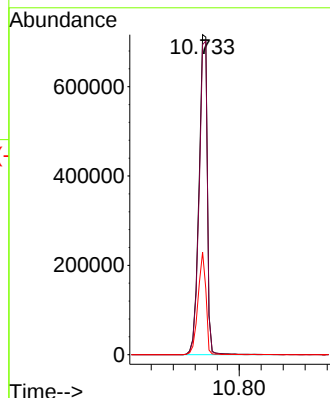
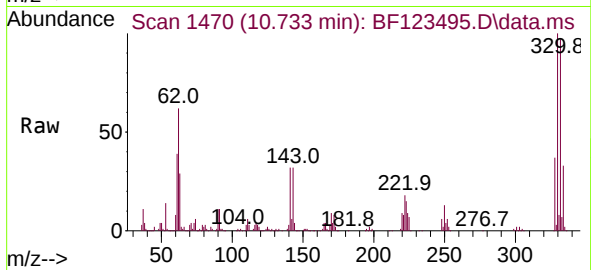




#42
2,4,6-Tribromophenol
Concen: 127.50 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

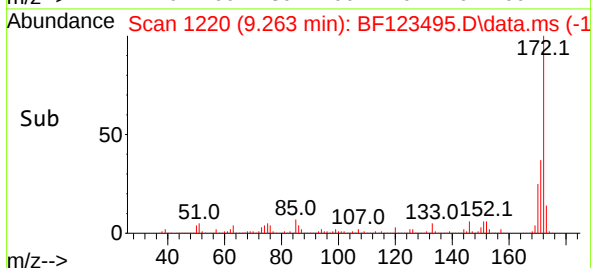
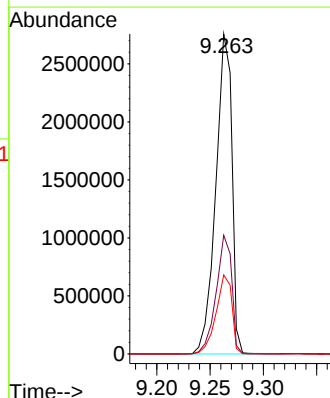
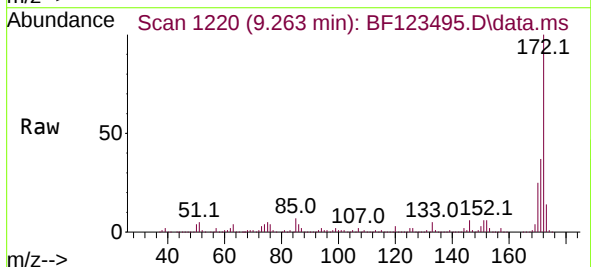
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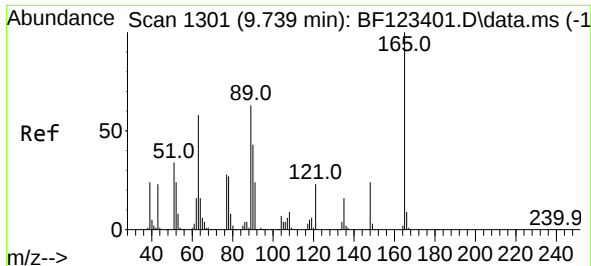
Tgt Ion:330 Resp: 753902
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 78.09 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:172 Resp: 2890784
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.7 19.5 29.3

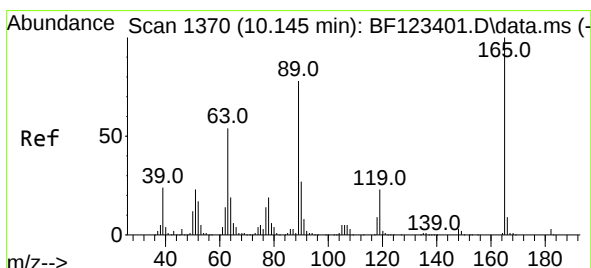
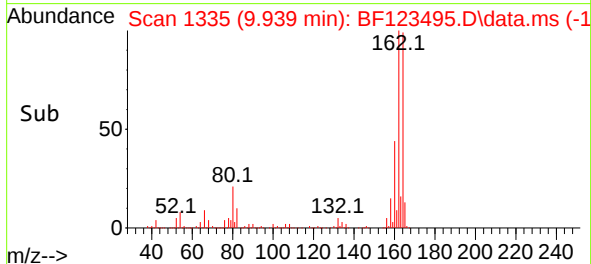
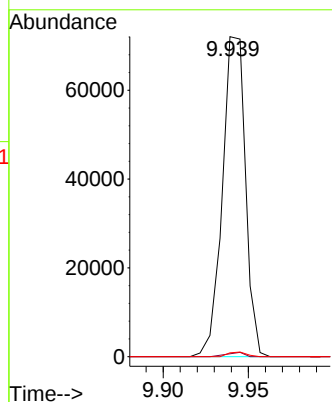
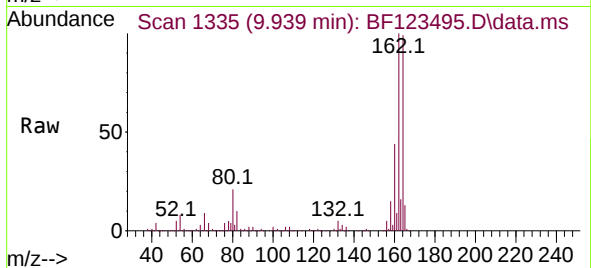




#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

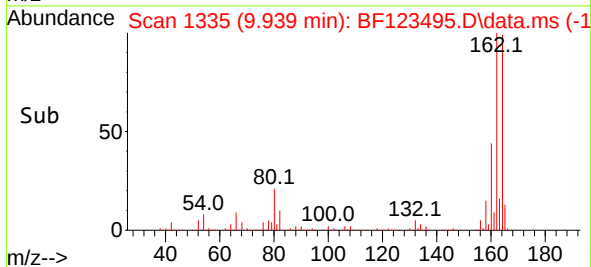
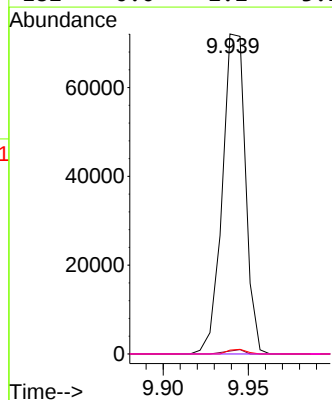
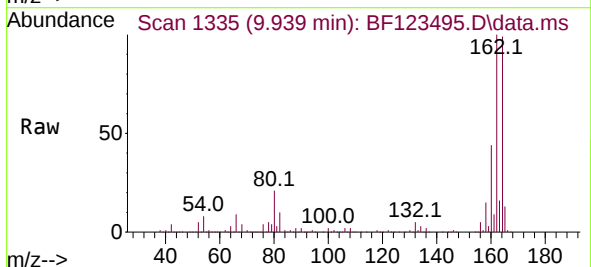
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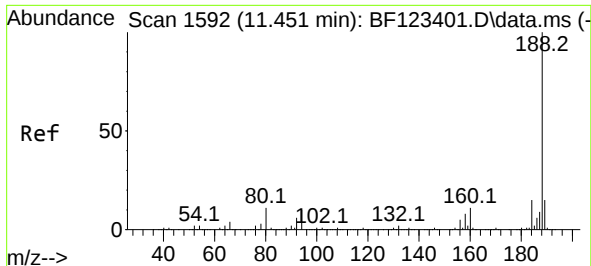
Tgt Ion:165 Resp: 68014
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:165 Resp: 68014
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

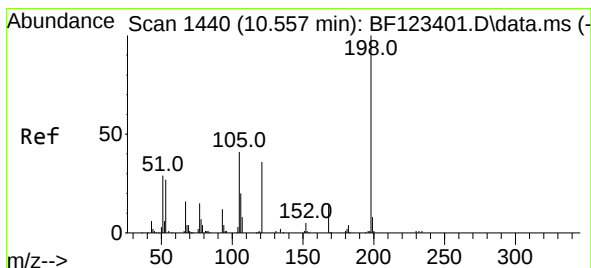
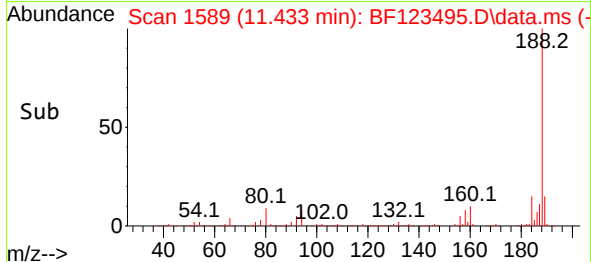
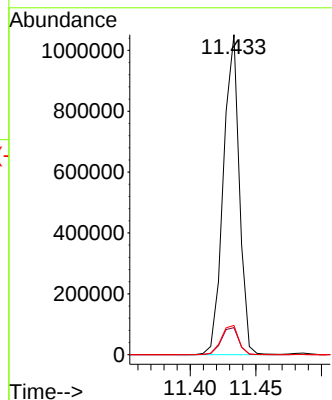
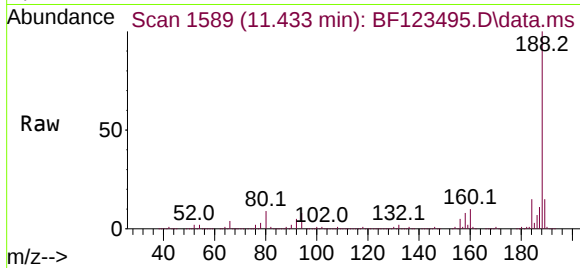




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

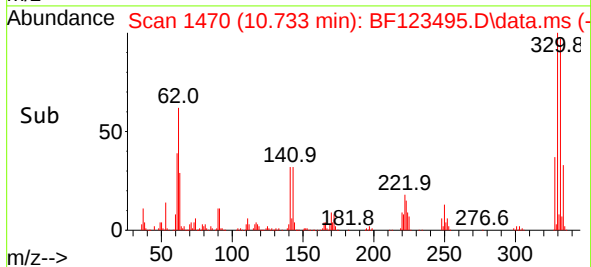
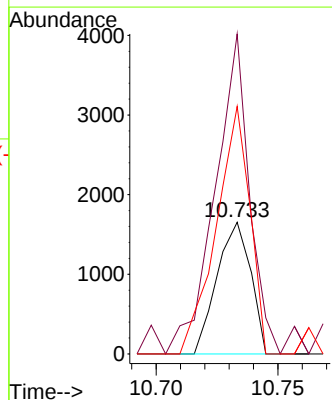
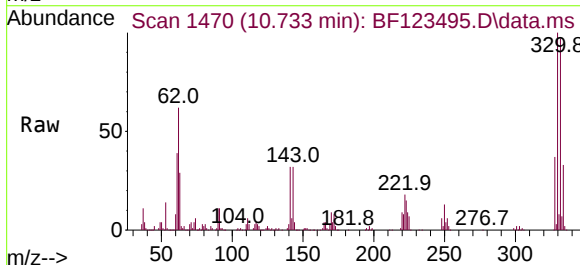
Instrument :
BNA_F
ClientSampleId :
MW-101I

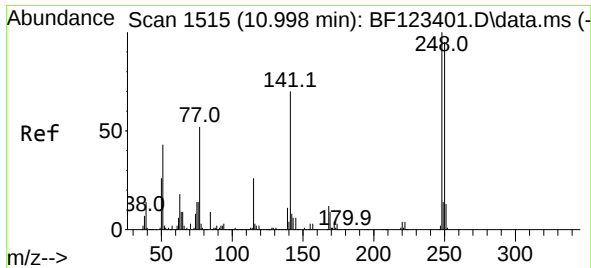
Tgt Ion:188 Resp: 889053
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:198 Resp: 1586
Ion Ratio Lower Upper
198 100
51 243.1 20.3 60.3#
105 188.0 23.0 63.0#

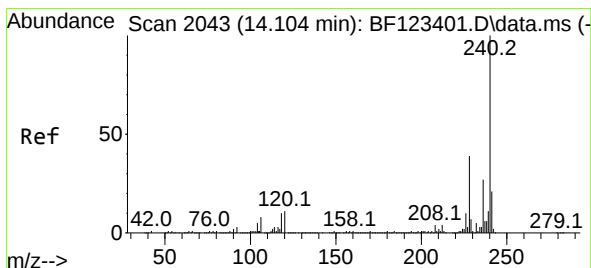
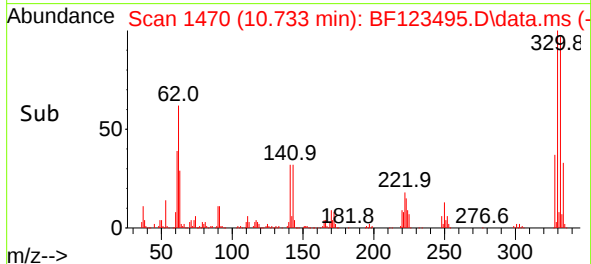
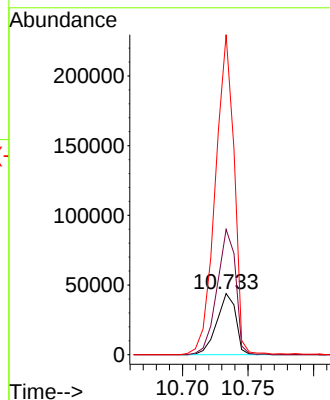
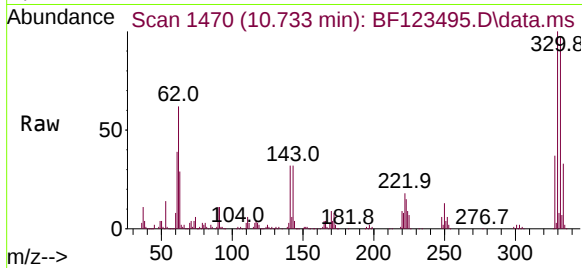




#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

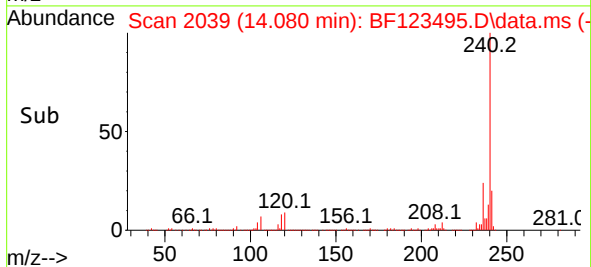
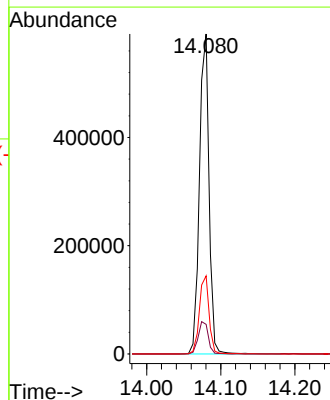
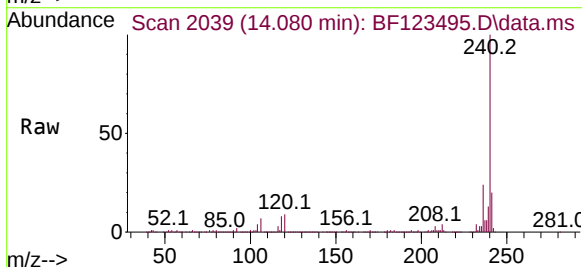
Instrument :
BNA_F
ClientSampleId :
MW-101I

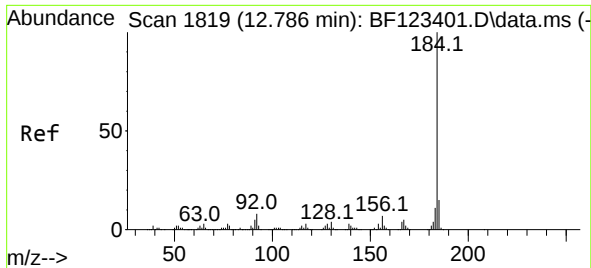
Tgt Ion:248 Resp: 44241
Ion Ratio Lower Upper
248 100
250 204.8 76.8 115.2#
141 523.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:240 Resp: 528727
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 24.4 20.3 30.5

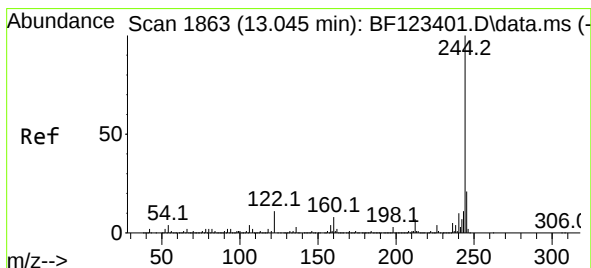
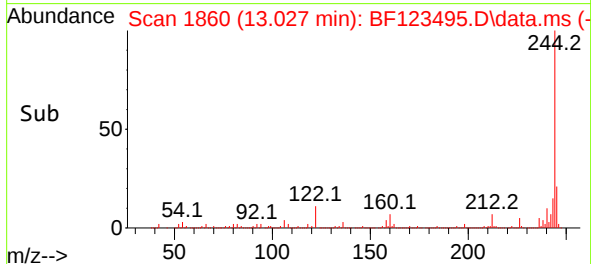
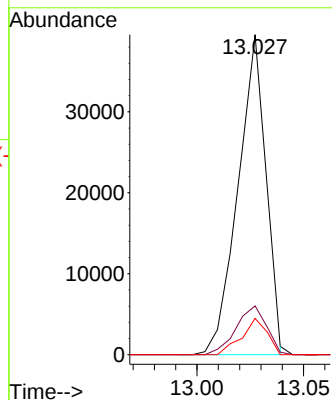
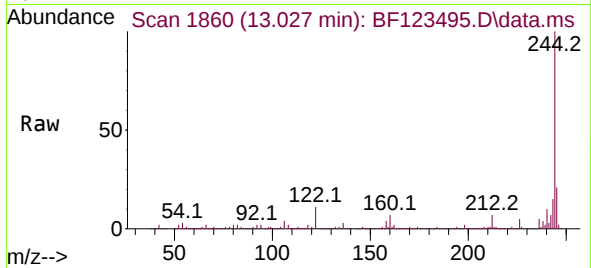




#77
Benzidine
Concen: 2.29 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

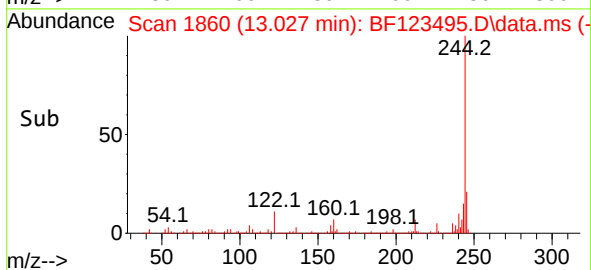
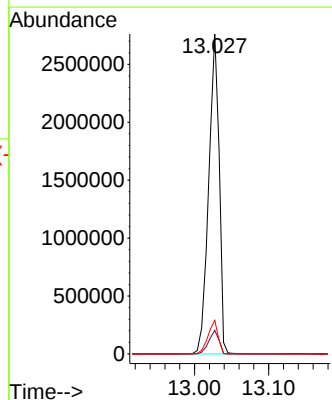
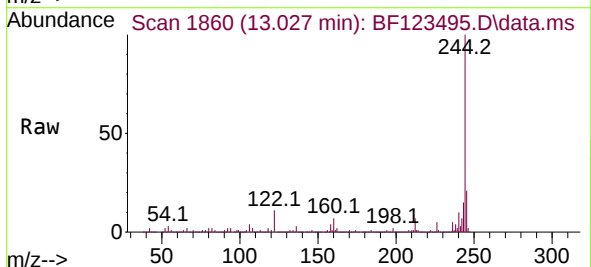
Instrument :
BNA_F
ClientSampleId :
MW-101I

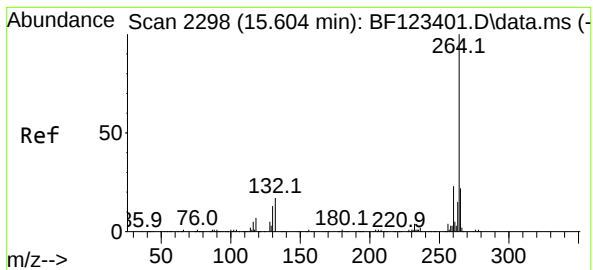
Tgt Ion:184 Resp: 36134
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.6
183 11.3 9.7 14.5



#79
Terphenyl-d14
Concen: 86.90 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:244 Resp: 2711203
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BF123495.D
 Acq: 26 Mar 2021 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:264 Resp: 471285
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.5 17.0 25.6

