

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123493.D
 Acq On : 26 Mar 2021 18:56
 Operator : JU/CG
 Sample : M1770-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-107I

Quant Time: Mar 26 22:58:28 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)

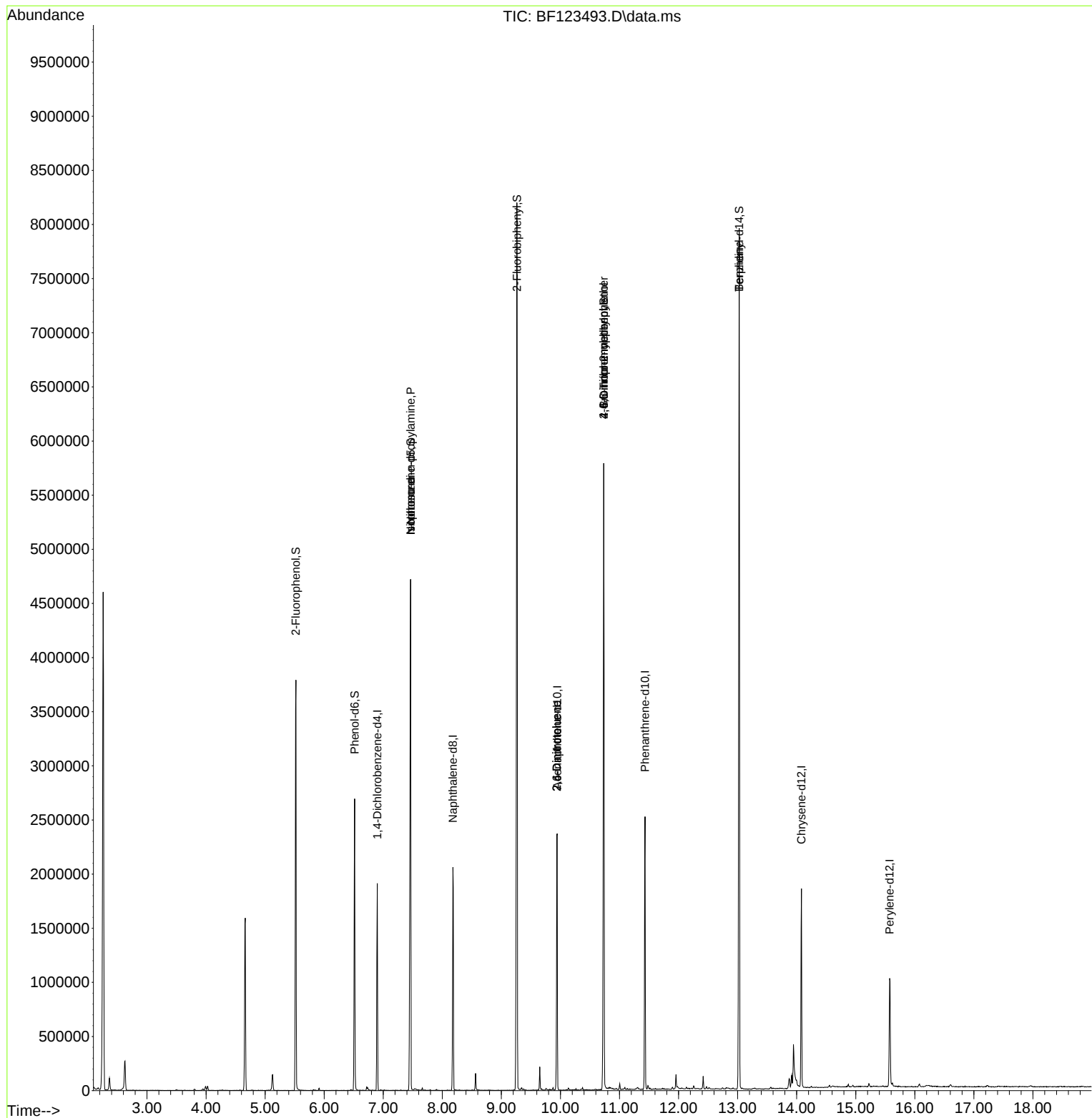
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	256178	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	944272	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	529649	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	927663	20.00	ng	0.00
76) Chrysene-d12	14.080	240	616426	20.00	ng	0.00
86) Perylene-d12	15.574	264	498294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	948539	60.57	ng	0.00
7) Phenol-d6	6.516	99	754078	36.17	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1640165	93.75	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	782834	132.20	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2891070	77.98	ng	0.00
79) Terphenyl-d14	13.027	244	2884006	79.29	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1372	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	224591	16.66	ng	# 80
25) Isophorone	7.463	82	1633927	43.44	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	70311	8.95	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	70311	7.17	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1529	5.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	44851	4.08	ng	# 1
77) Benzidine	13.027	184	37499	2.04	ng	98

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

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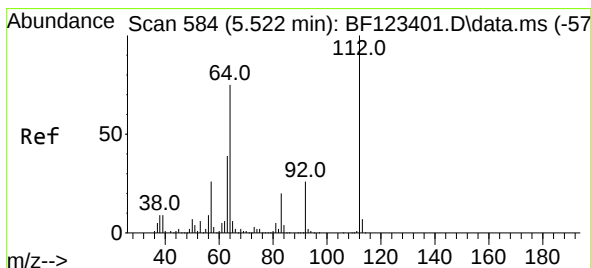
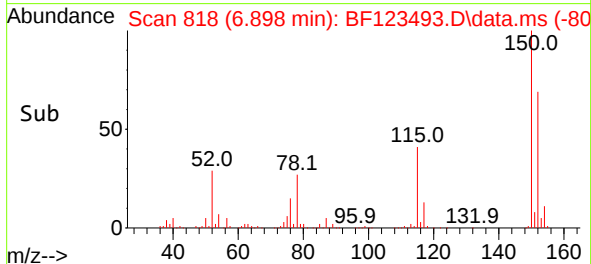
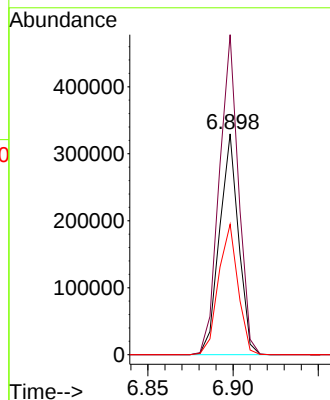
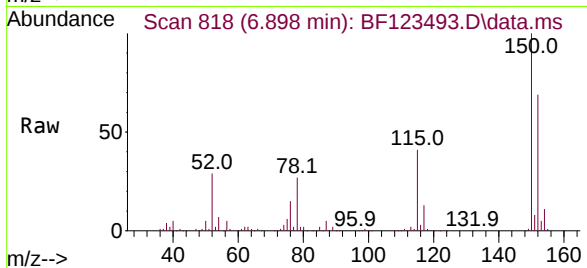




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

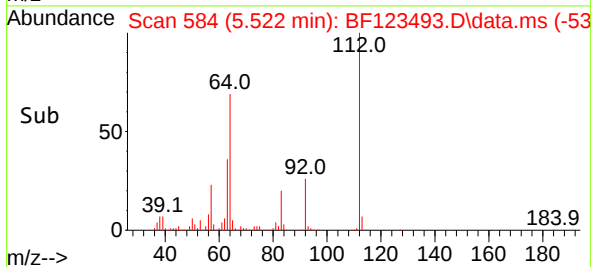
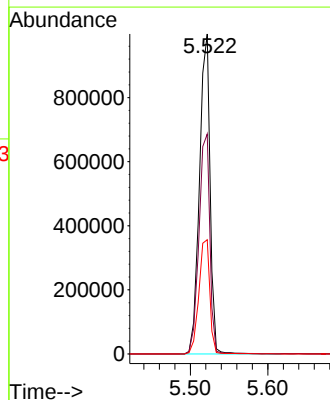
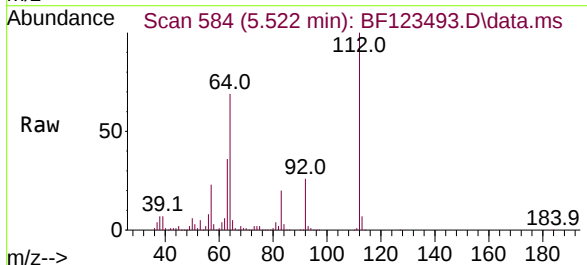
Instrument :
BNA_F
ClientSampleId :
MW-107I

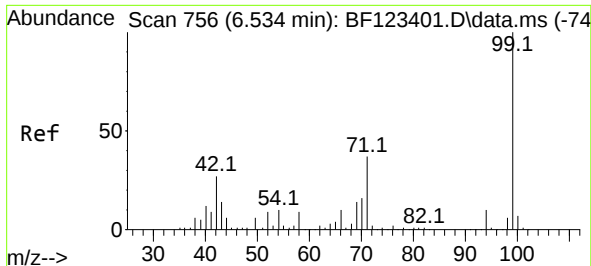
Tgt Ion:152 Resp: 256178
Ion Ratio Lower Upper
152 100
150 144.9 125.8 188.6
115 59.1 49.3 73.9



#5
2-Fluorophenol
Concen: 60.57 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:112 Resp: 948539
Ion Ratio Lower Upper
112 100
64 68.7 46.9 70.3
63 35.7 24.5 36.7

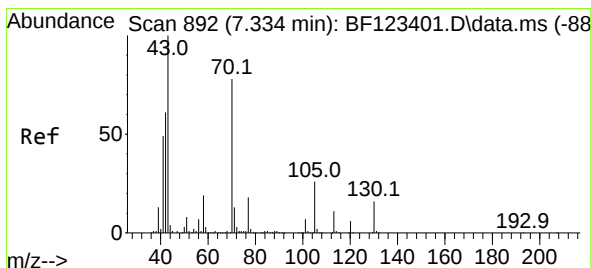
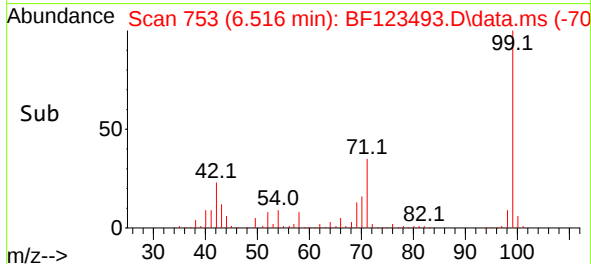
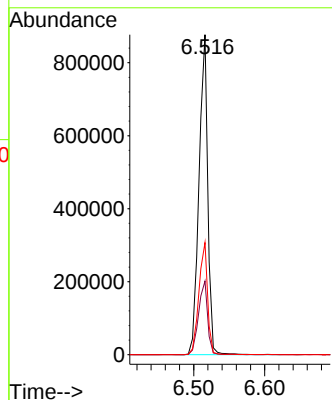
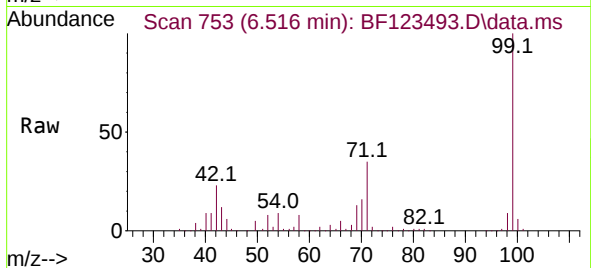




#7
Phenol-d6
Concen: 36.17 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

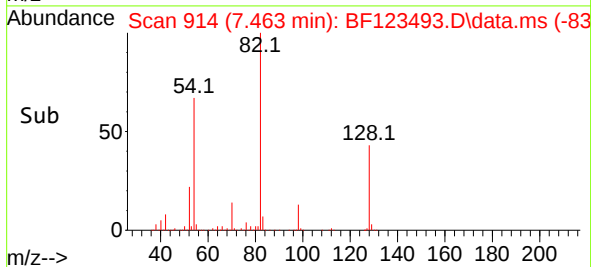
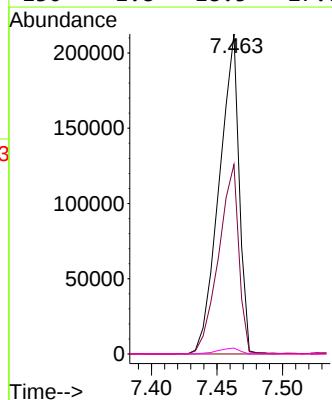
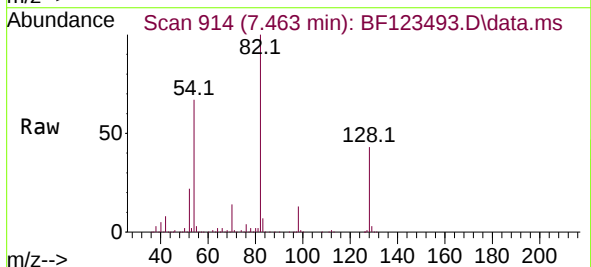
Instrument :
BNA_F
ClientSampleId :
MW-107I

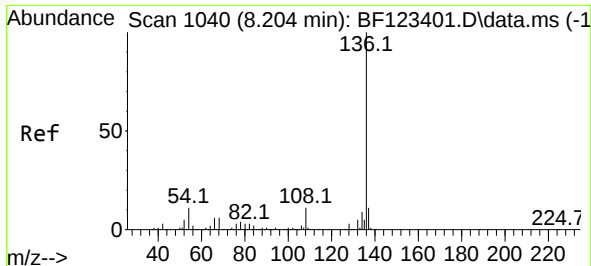
Tgt Ion: 99 Resp: 754078
Ion Ratio Lower Upper
99 100
42 23.0 13.8 20.6#
71 35.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.66 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion: 70 Resp: 224591
Ion Ratio Lower Upper
70 100
42 59.2 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



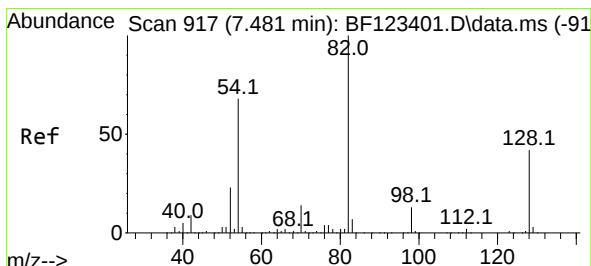
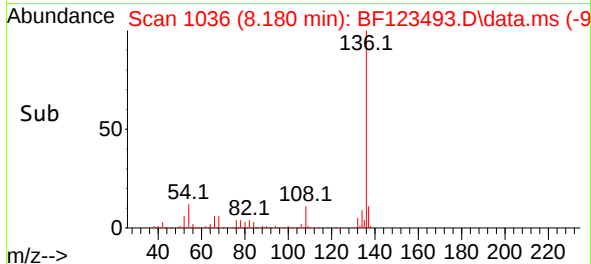
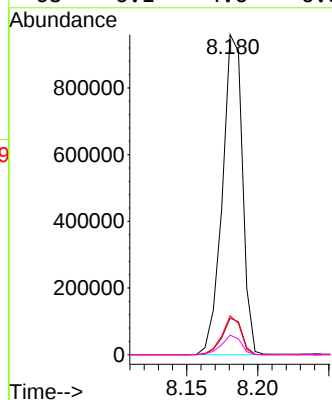
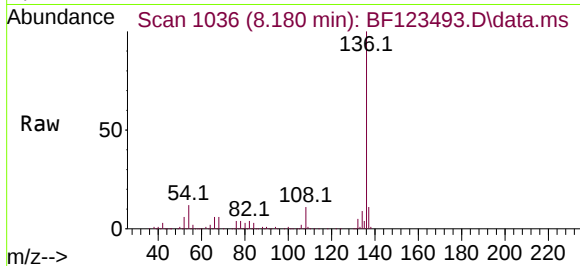


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Instrument :
BNA_F
ClientSampleId :
MW-107I

Tgt Ion:136 Resp: 944272

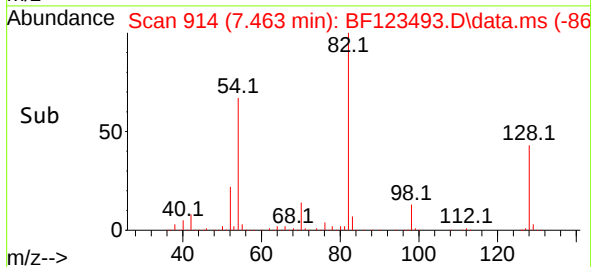
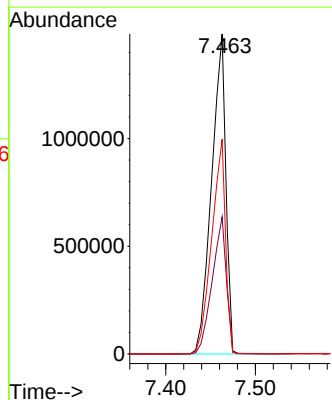
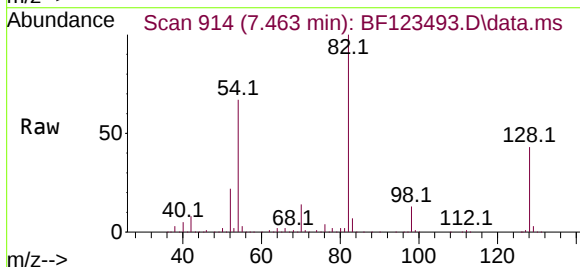
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.1	5.5	8.3#
68	6.1	4.6	6.8

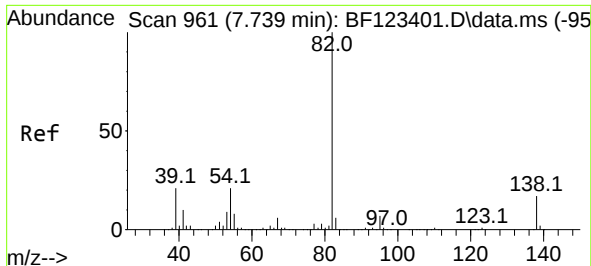


#23
Nitrobenzene-d5
Concen: 93.75 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion: 82 Resp: 1640165

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.0	55.4
54	67.1	38.4	57.6#

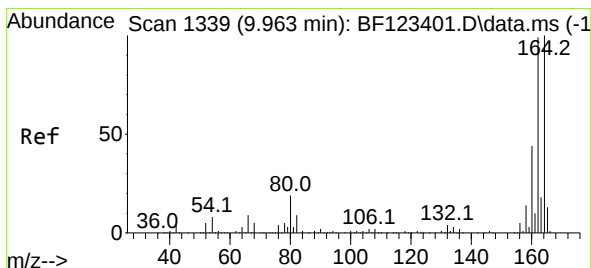
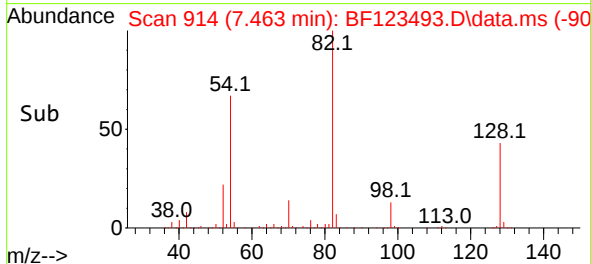
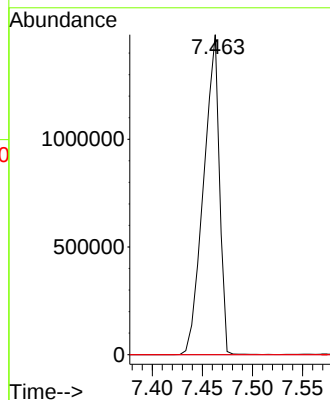
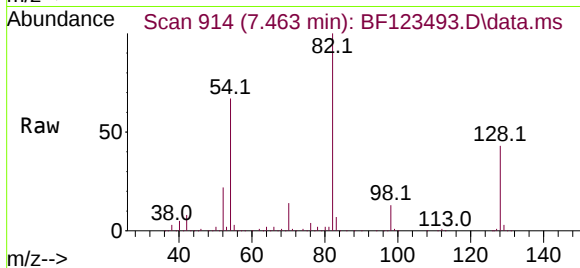




#25
Isophorone
Concen: 43.44 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

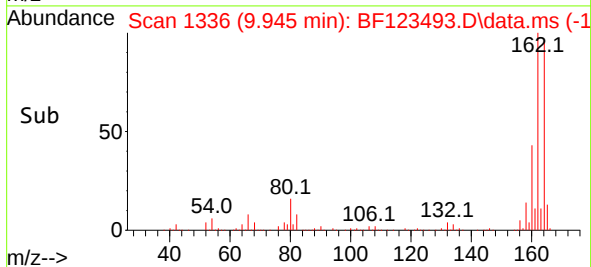
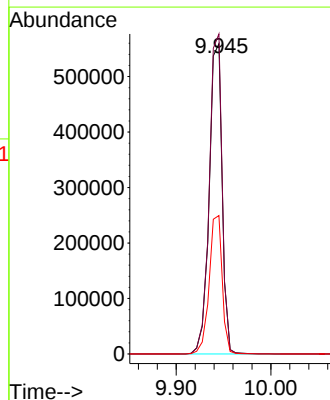
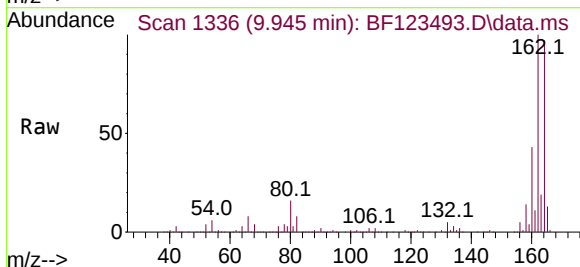
Instrument :
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ClientSampleId :
MW-107I

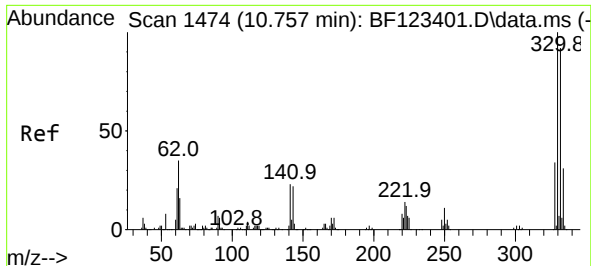
Tgt Ion: 82 Resp: 1633927
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:164 Resp: 529649
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 44.6 35.4 53.0

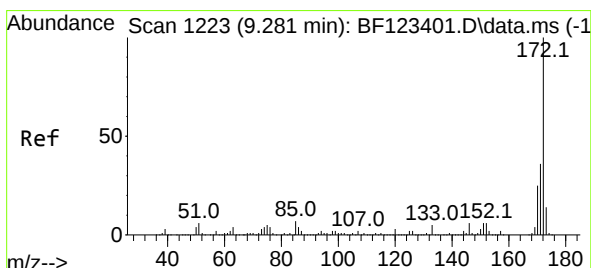
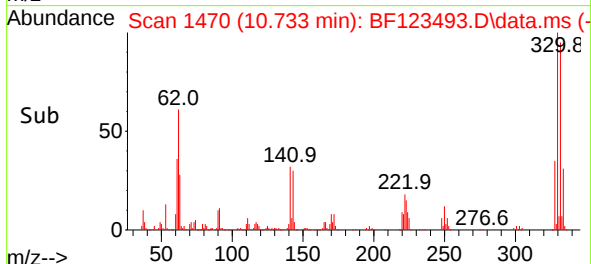
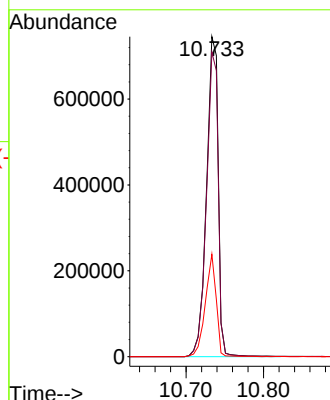
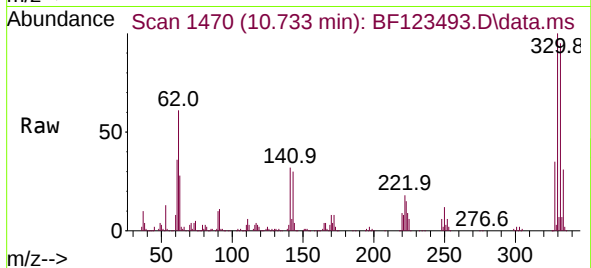




#42
2,4,6-Tribromophenol
Concen: 132.20 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

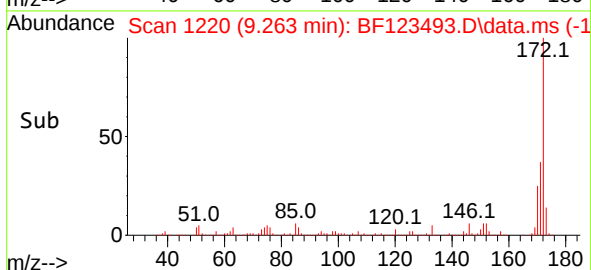
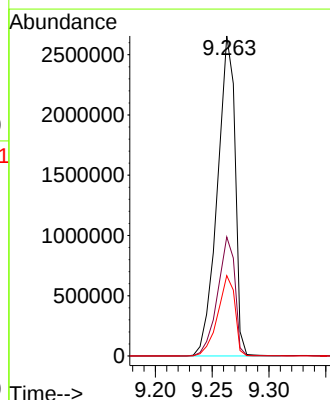
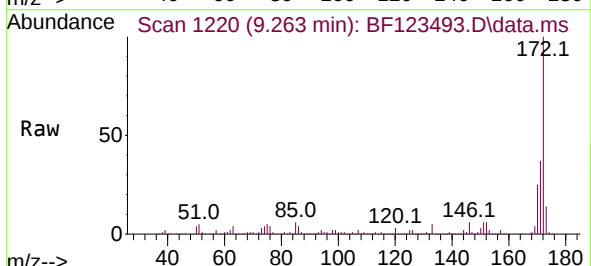
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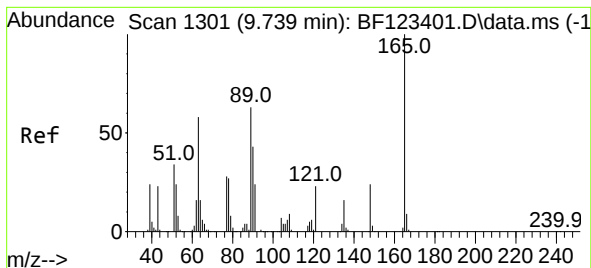
Tgt Ion:330 Resp: 782834
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 29.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 77.98 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:172 Resp: 2891070
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 25.1 19.5 29.3

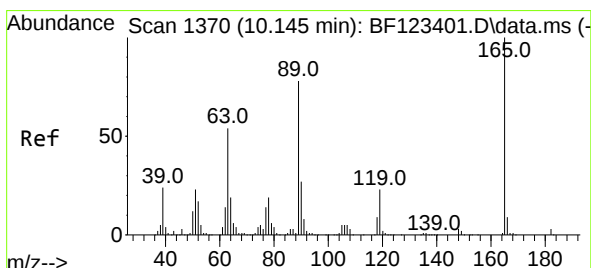
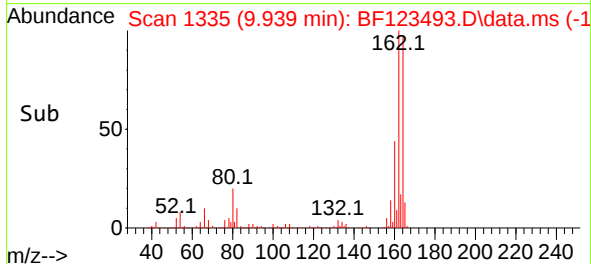
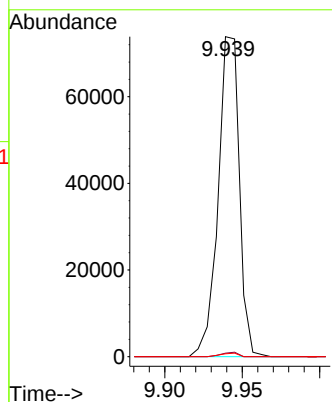
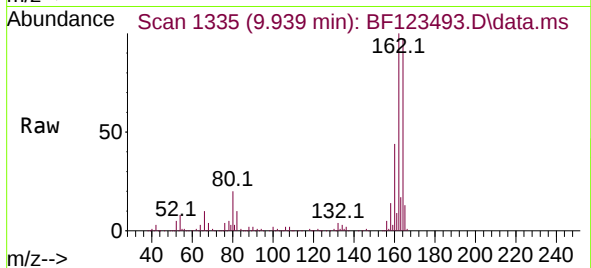




#51
2,6-Dinitrotoluene
Concen: 8.95 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

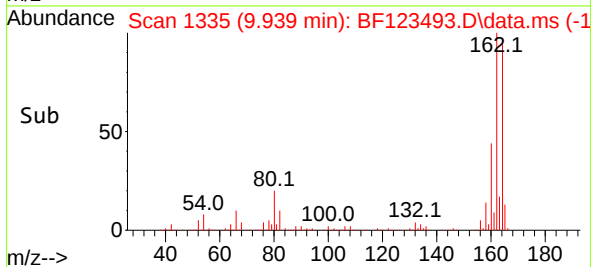
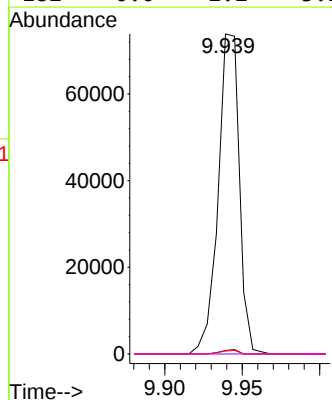
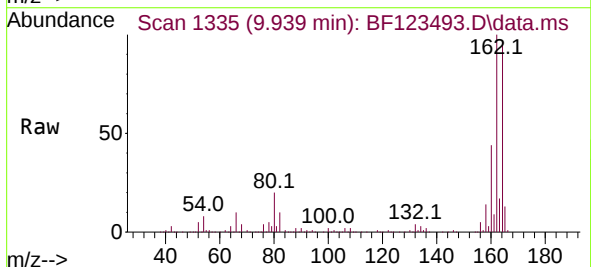
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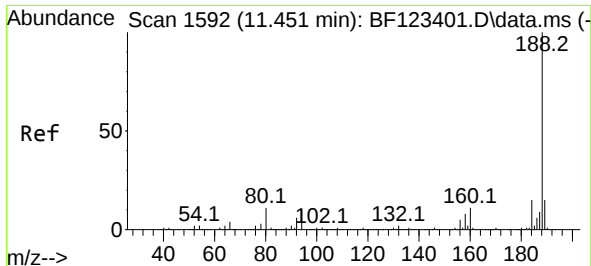
Tgt Ion:165 Resp: 70311
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:165 Resp: 70311
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

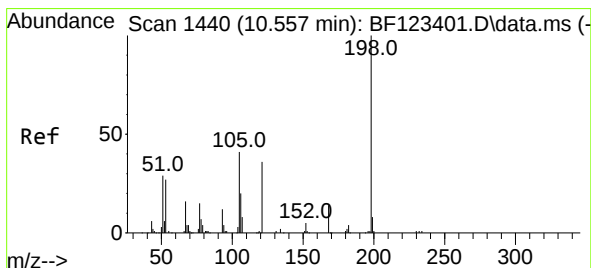
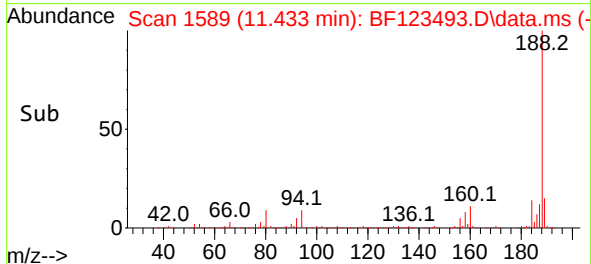
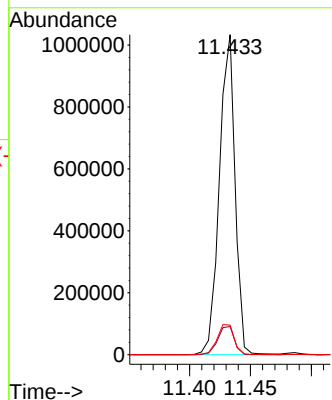
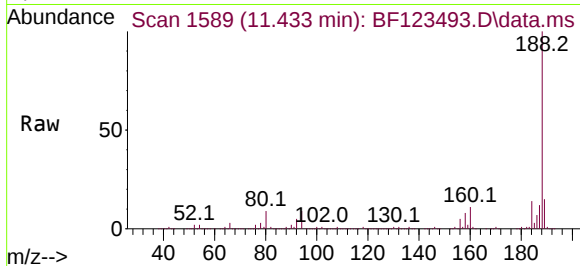




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

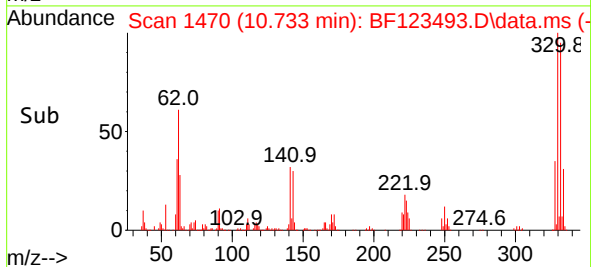
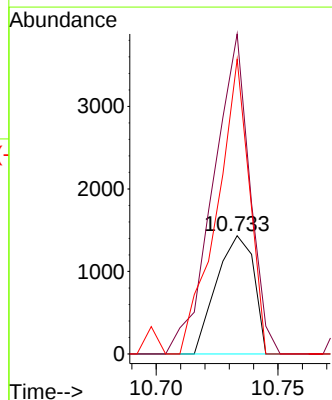
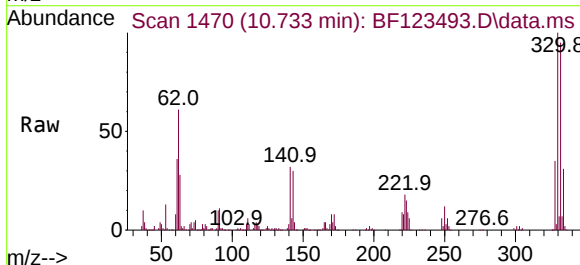
Instrument :
BNA_F
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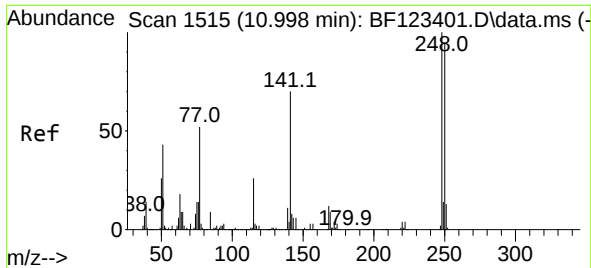
Tgt Ion:188 Resp: 927663
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.40 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:198 Resp: 1529
Ion Ratio Lower Upper
198 100
51 270.6 20.3 60.3#
105 249.3 23.0 63.0#

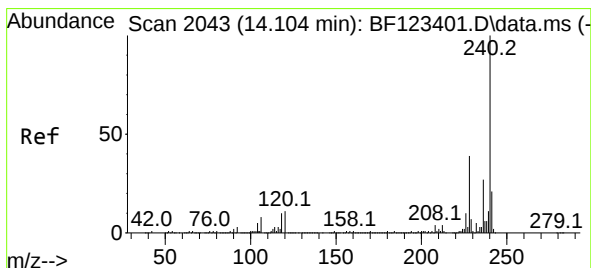
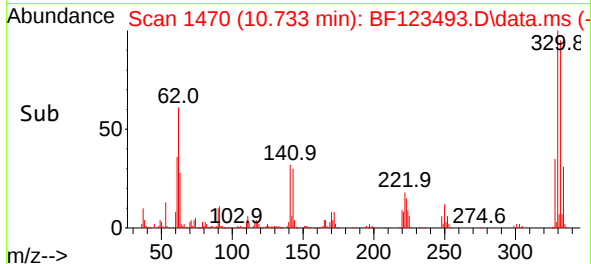
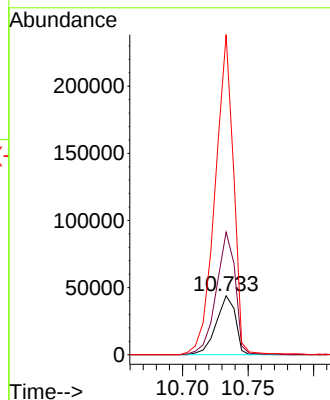
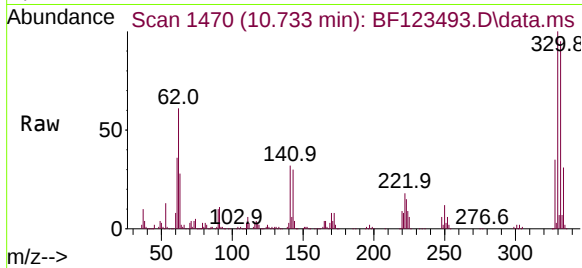




#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

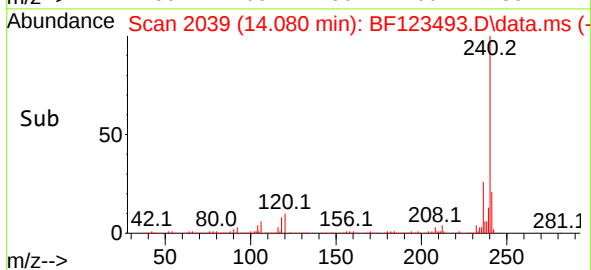
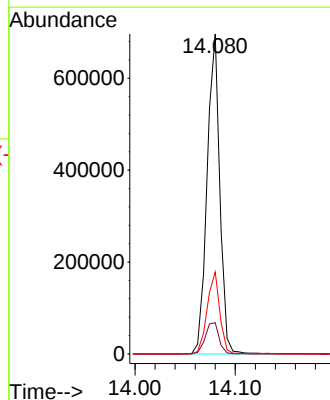
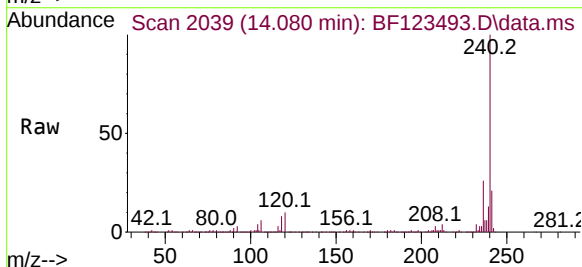
Instrument :
BNA_F
ClientSampleId :
MW-107I

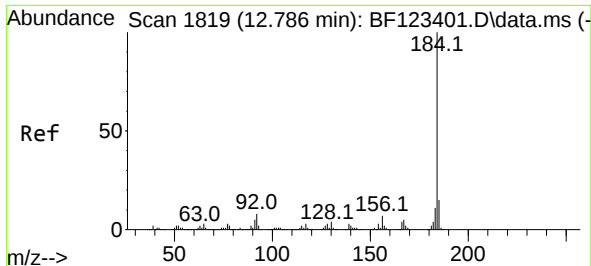
Tgt Ion:248 Resp: 44851
Ion Ratio Lower Upper
248 100
250 208.4 76.8 115.2#
141 543.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:240 Resp: 616426
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.7 20.3 30.5

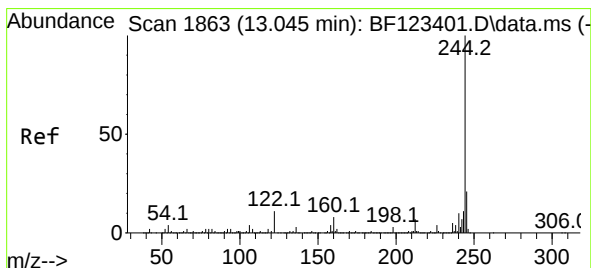
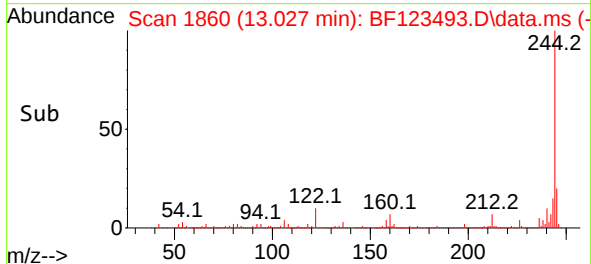
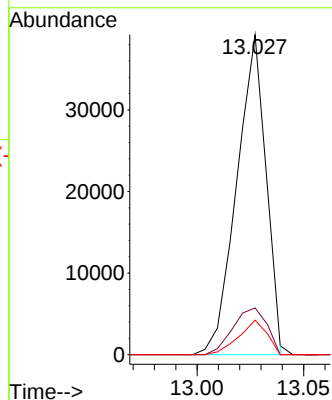
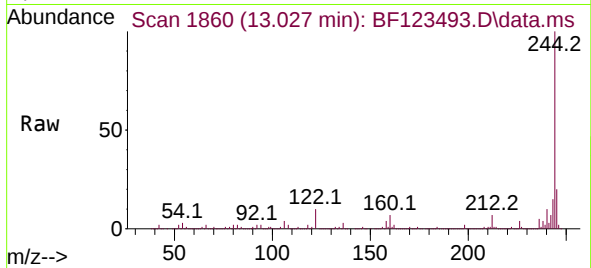




#77
Benzidine
Concen: 2.04 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

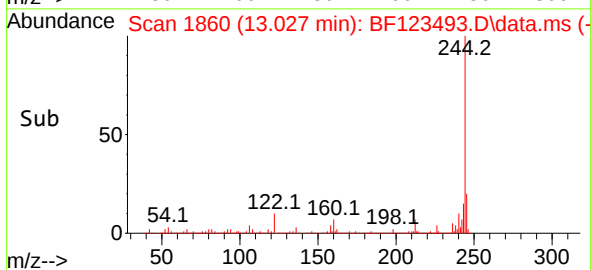
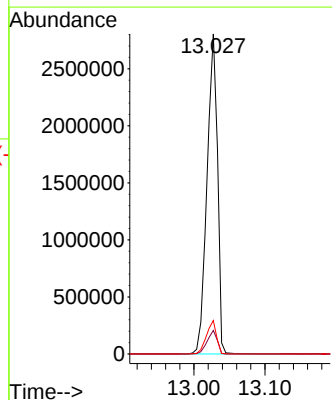
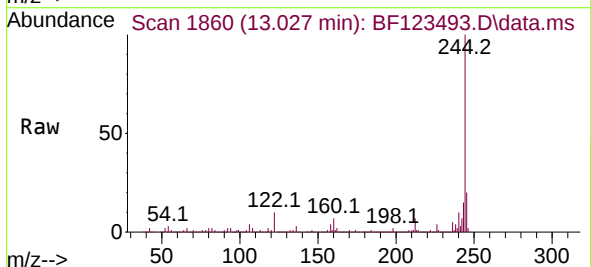
Instrument :
BNA_F
ClientSampleId :
MW-107I

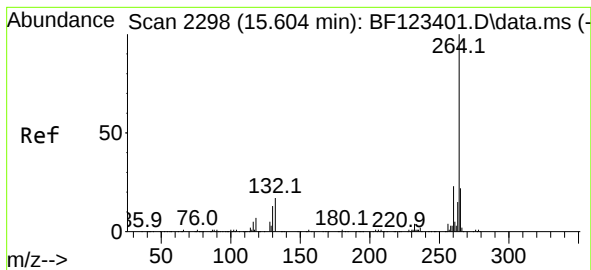
Tgt Ion:184 Resp: 37499
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 10.8 9.7 14.5



#79
Terphenyl-d14
Concen: 79.29 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123493.D
Acq: 26 Mar 2021 18:56

Tgt Ion:244 Resp: 2884006
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.4 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: BF123493.D
 Acq: 26 Mar 2021 18:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-107I

Tgt Ion:264 Resp: 498294
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.6 28.0
 265 21.5 17.0 25.6

