

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123491.D
 Acq On : 26 Mar 2021 17:50
 Operator : JU/CG
 Sample : M1770-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Quant Time: Mar 26 22:58:09 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)

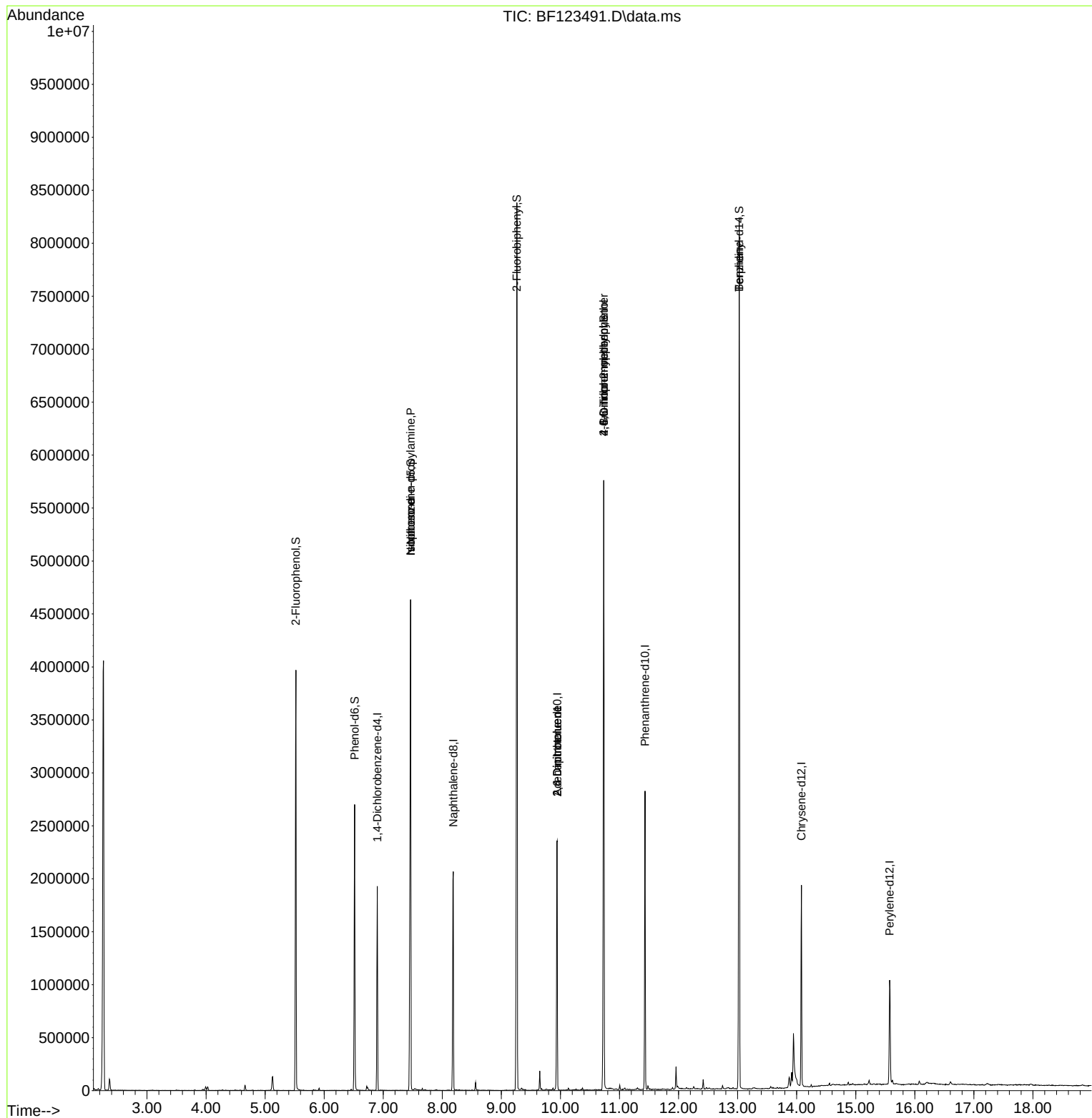
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	254579	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	949604	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	529041	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	936904	20.00	ng	0.00
76) Chrysene-d12	14.080	240	619243	20.00	ng	0.00
86) Perylene-d12	15.574	264	470980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	938756	60.33	ng	0.00
7) Phenol-d6	6.516	99	746524	36.04	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1611934	91.61	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	763067	129.01	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2820790	76.17	ng	0.00
79) Terphenyl-d14	13.027	244	2982562	81.63	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	117	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	222711	16.62	ng	# 83
25) Isophorone	7.463	82	1602648	42.37	ng	# 65
51) 2,6-Dinitrotoluene	9.945	165	69901	8.91	ng	# 31
57) 2,4-Dinitrotoluene	9.945	165	69901	7.14	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1567	5.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	44708	4.03	ng	# 1
77) Benzidine	13.027	184	39657	2.15	ng	97

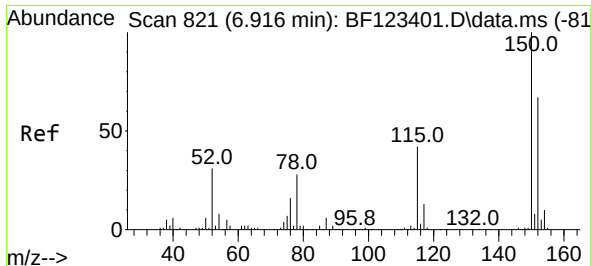
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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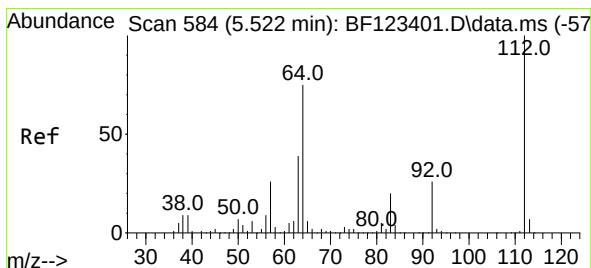
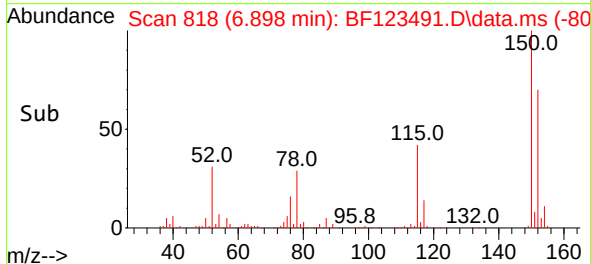
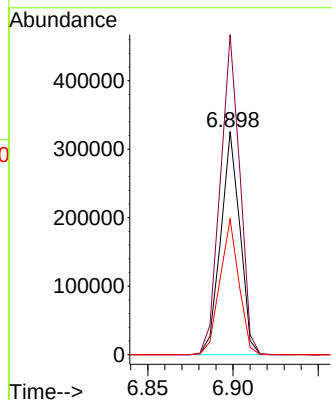
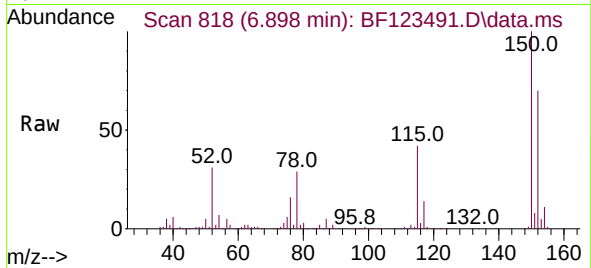




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

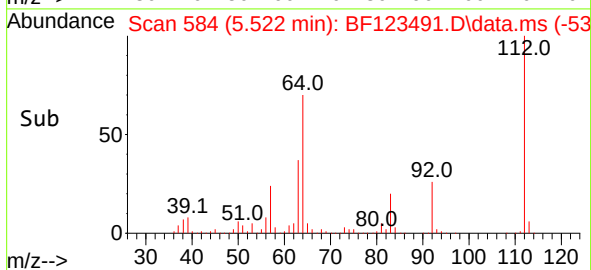
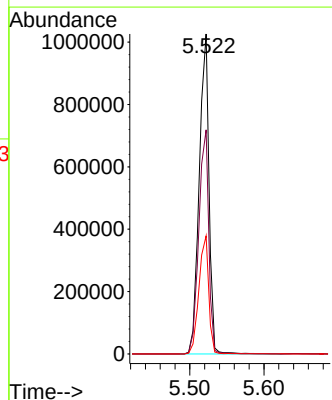
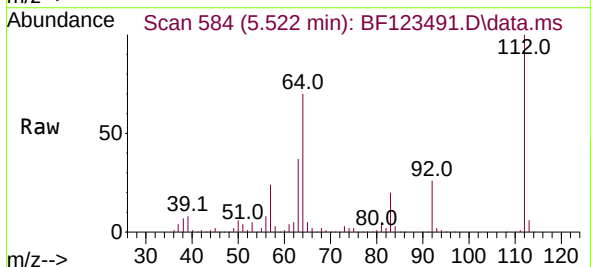
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BNA_F
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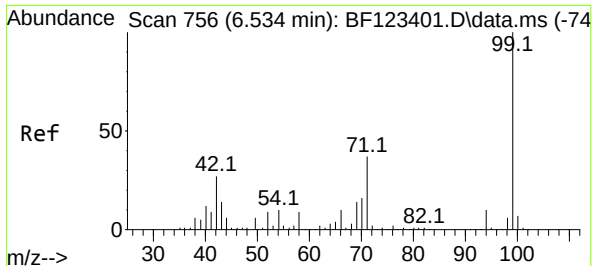
Tgt Ion:152 Resp: 254579
Ion Ratio Lower Upper
152 100
150 143.4 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 60.33 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:112 Resp: 938756
Ion Ratio Lower Upper
112 100
64 70.1 46.9 70.3
63 36.9 24.5 36.7#

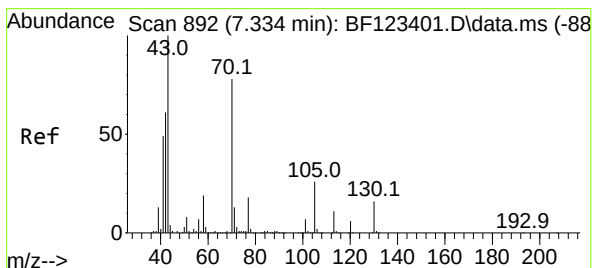
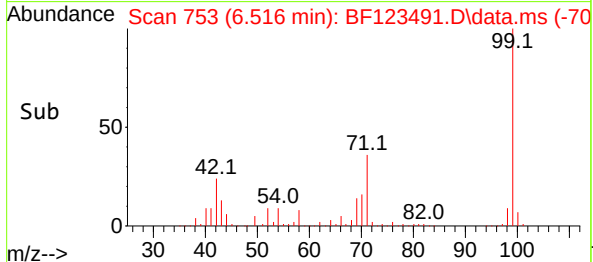
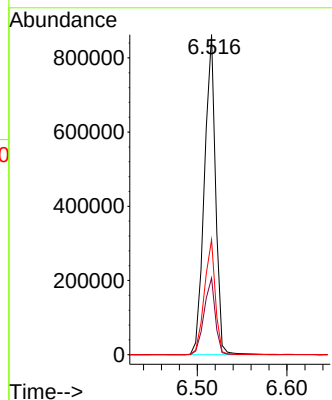
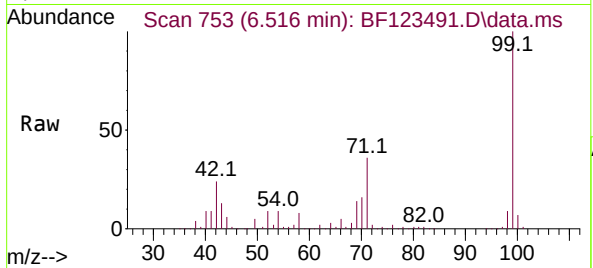




#7
Phenol-d6
Concen: 36.04 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

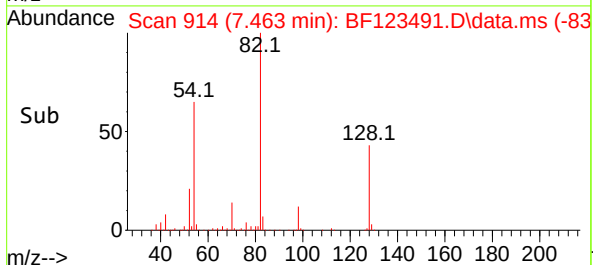
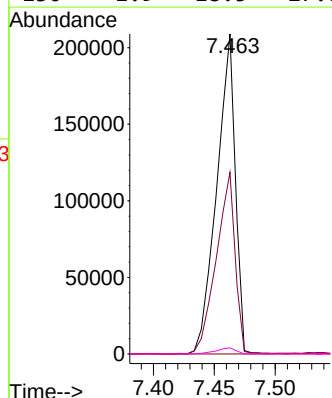
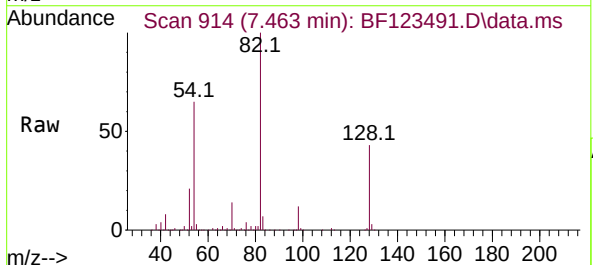
Instrument :
BNA_F
ClientSampleId :
MW-102S

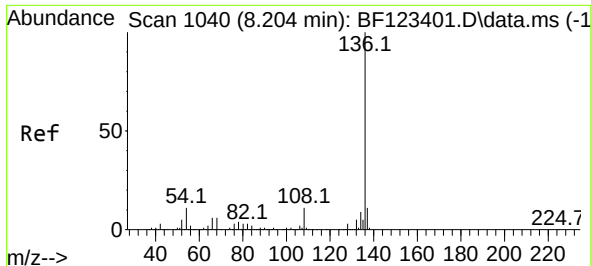
Tgt Ion: 99 Resp: 746524
Ion Ratio Lower Upper
99 100
42 24.0 13.8 20.6#
71 35.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion: 70 Resp: 222711
Ion Ratio Lower Upper
70 100
42 56.7 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#

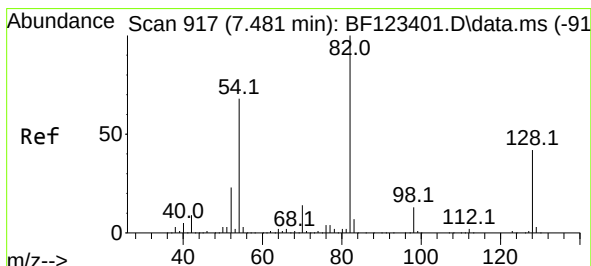
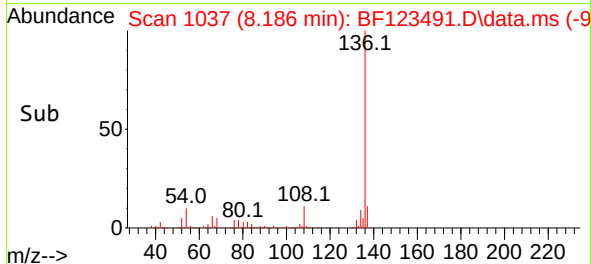
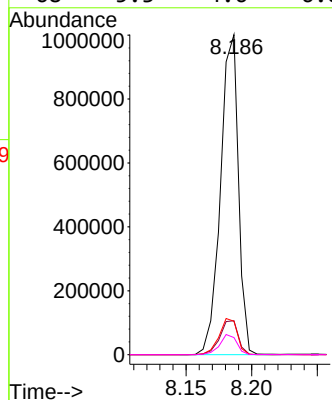
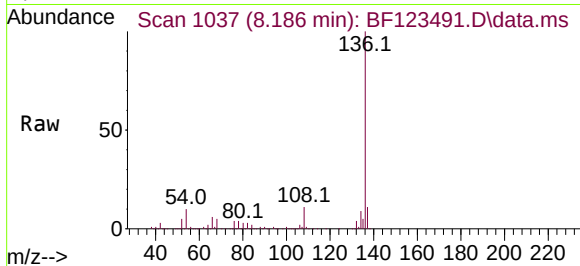




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

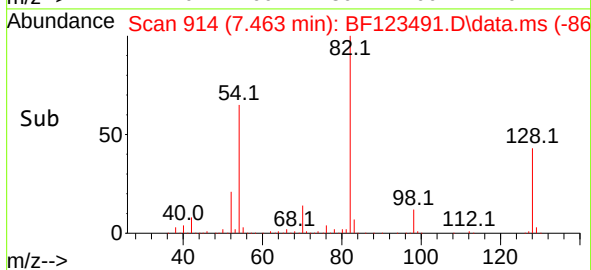
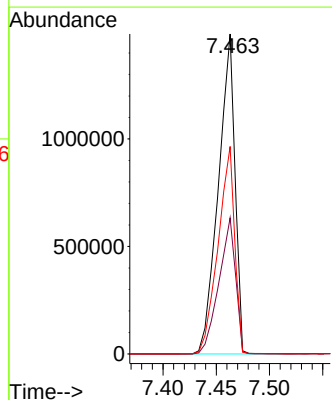
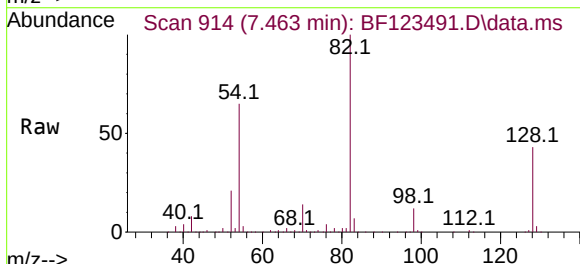
Instrument :
BNA_F
ClientSampleId :
MW-102S

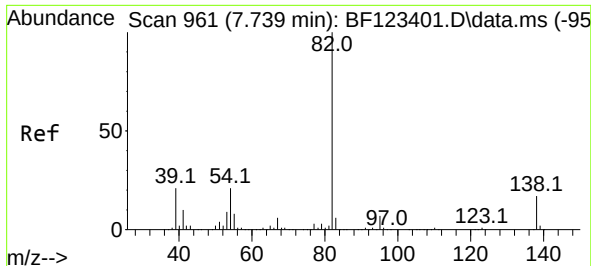
Tgt Ion:136	Resp: 949604
Ion Ratio	Lower Upper
136	100
137	10.6 8.8 13.2
54	10.5 5.5 8.3#
68	5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.61 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion: 82	Resp: 1611934
Ion Ratio	Lower Upper
82	100
128	42.6 37.0 55.4
54	64.8 38.4 57.6#

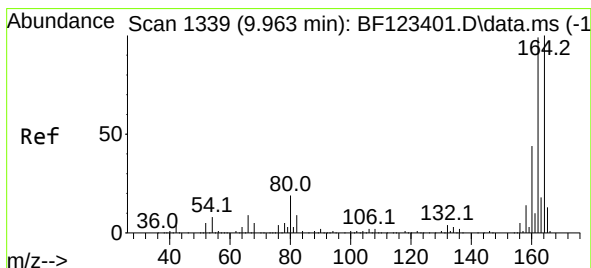
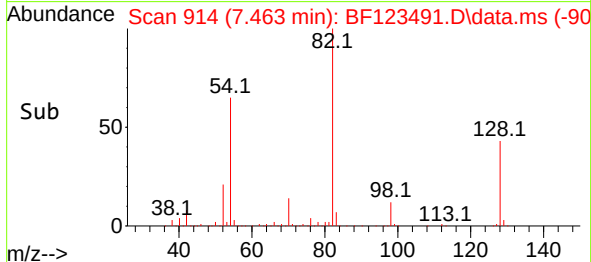
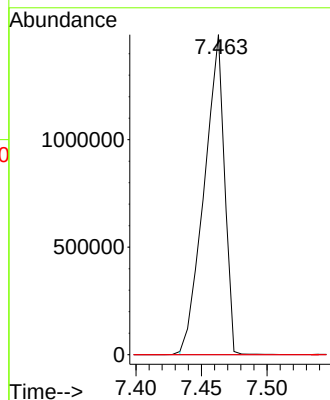
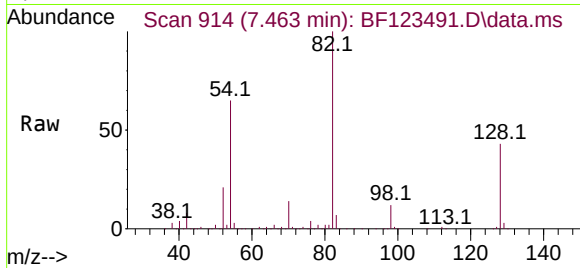




#25
Isophorone
Concen: 42.37 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

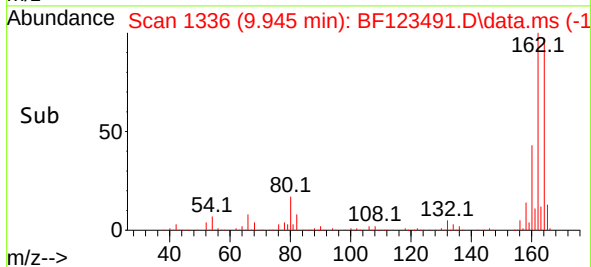
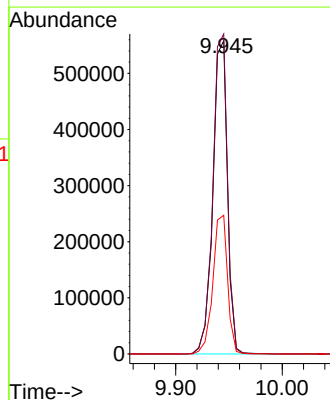
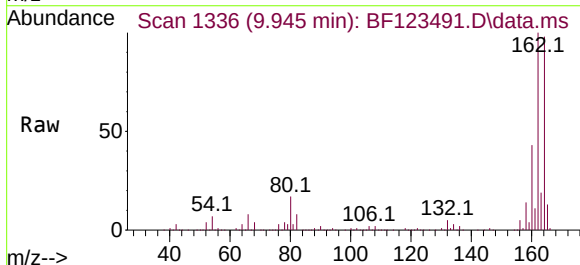
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MW-102S

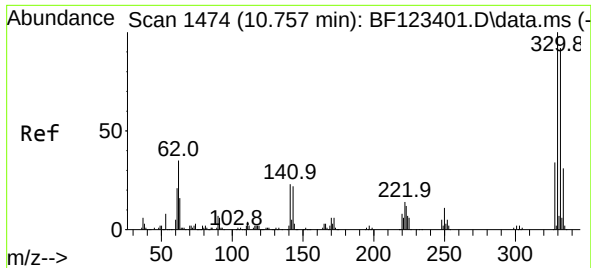
Tgt Ion: 82 Resp: 1602648
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:164 Resp: 529041
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 44.3 35.4 53.0

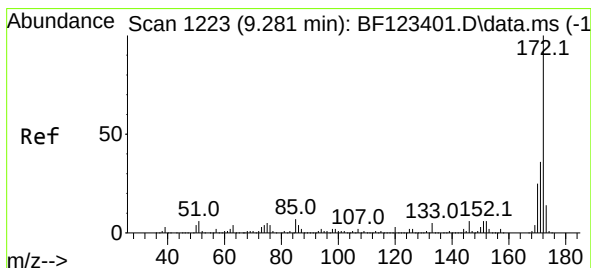
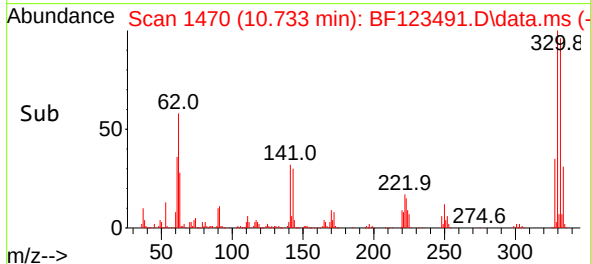
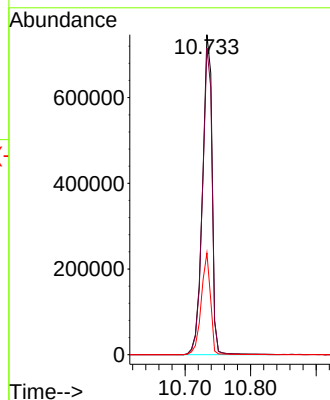
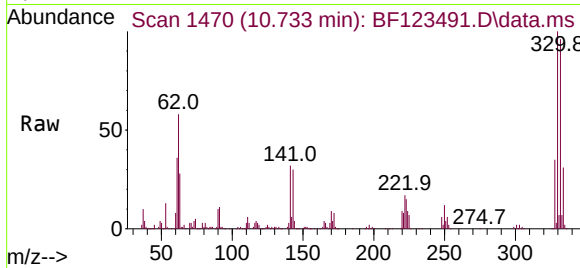




#42
2,4,6-Tribromophenol
Concen: 129.01 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

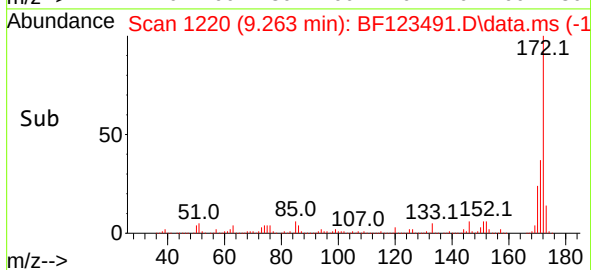
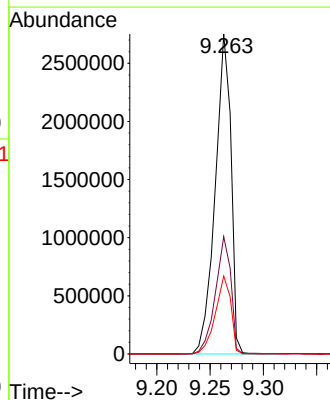
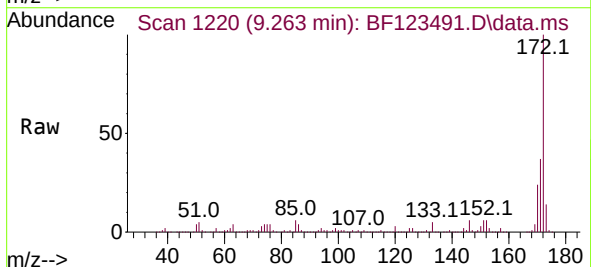
Instrument :
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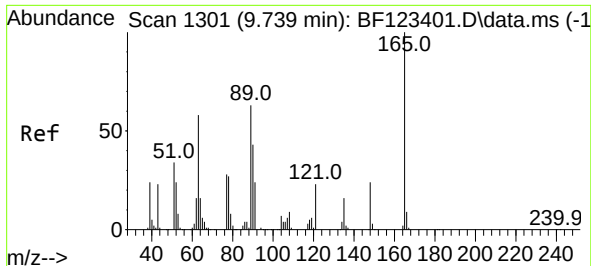
Tgt Ion: 330 Resp: 763067
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.17 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion: 172 Resp: 2820790
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.4 19.5 29.3

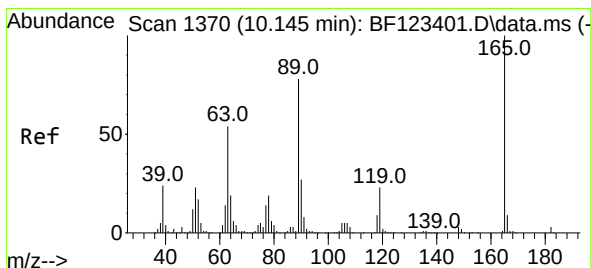
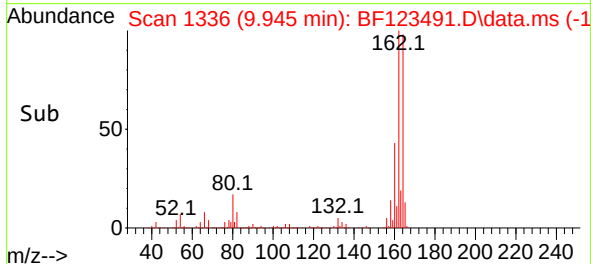
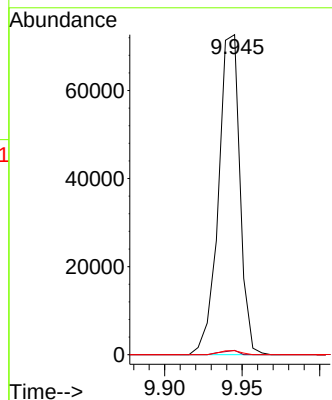
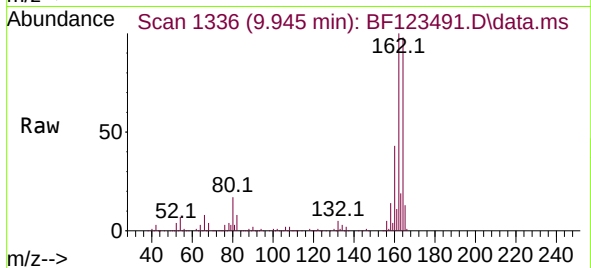




#51
2,6-Dinitrotoluene
Concen: 8.91 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

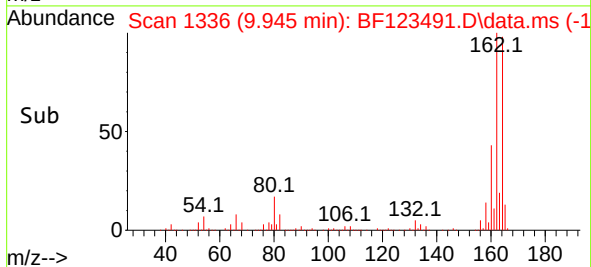
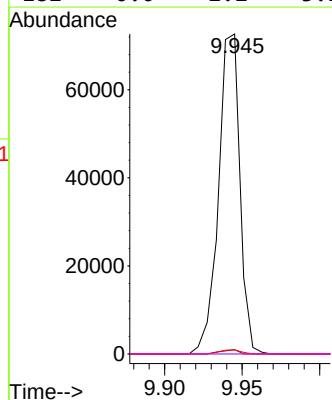
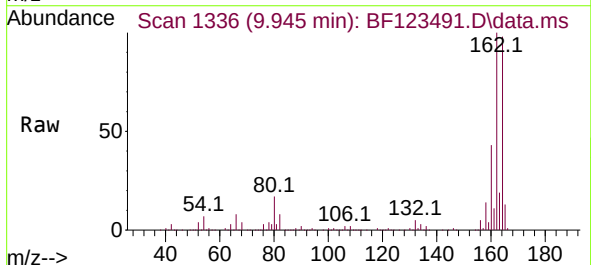
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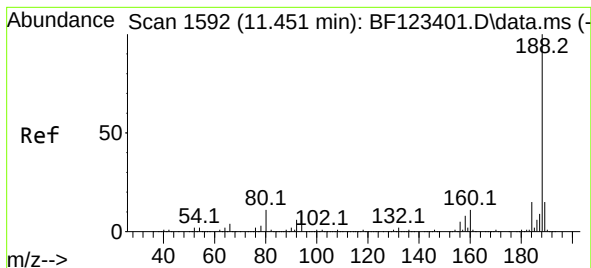
Tgt Ion:165 Resp: 69901
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.182 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:165 Resp: 69901
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

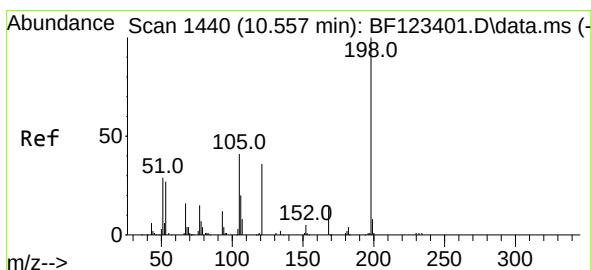
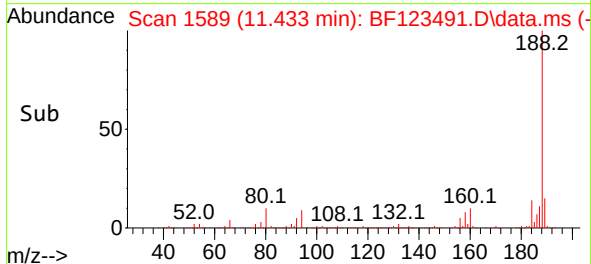
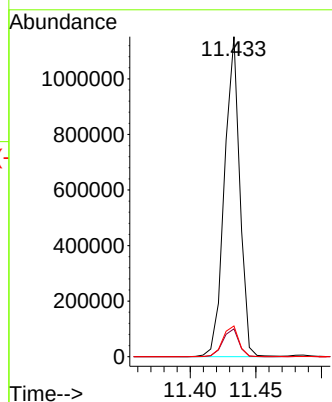
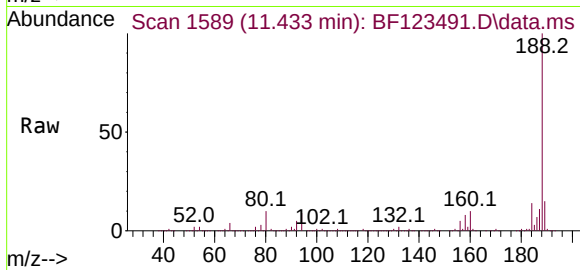




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

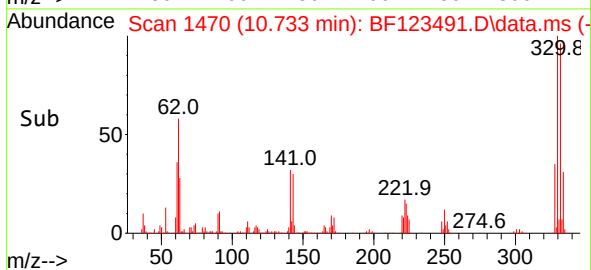
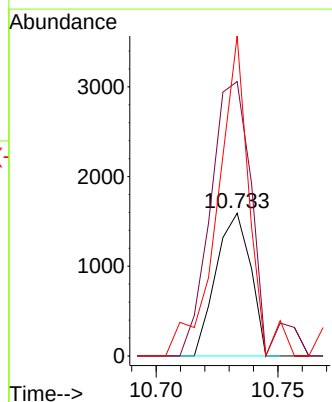
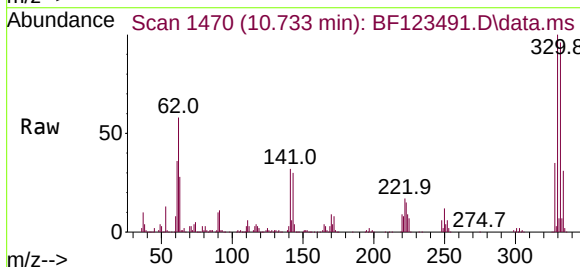
Instrument :
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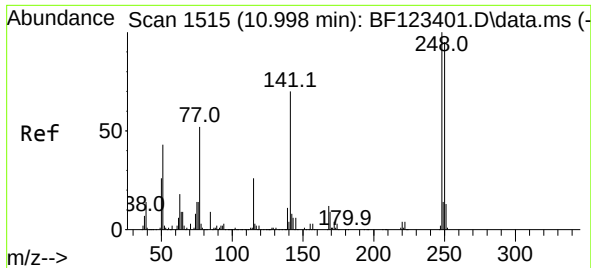
Tgt Ion:188 Resp: 936904
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.40 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:198 Resp: 1567
Ion Ratio Lower Upper
198 100
51 192.2 20.3 60.3#
105 224.2 23.0 63.0#

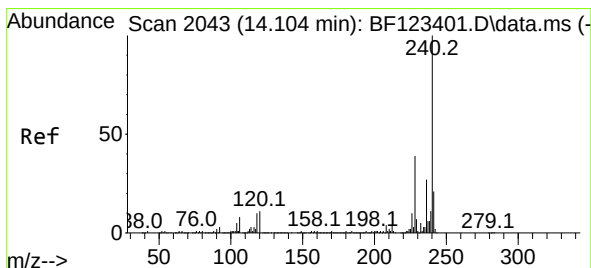
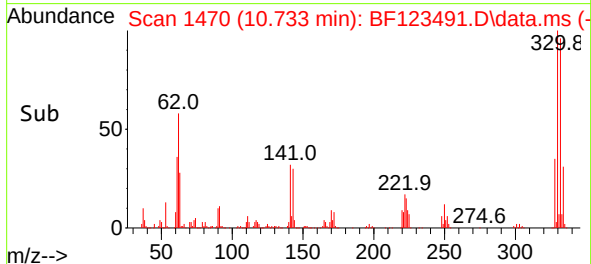
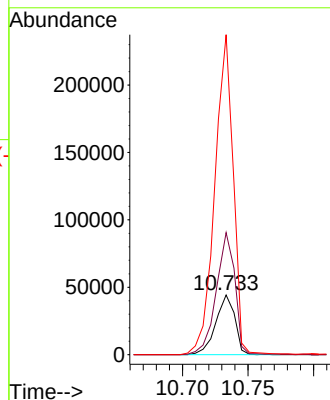
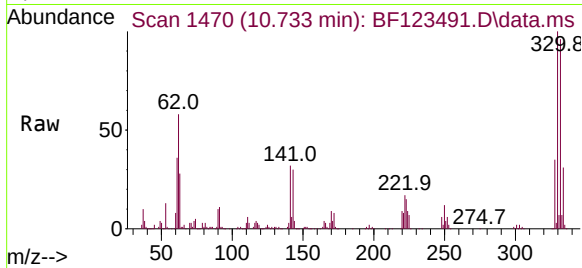




#67
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

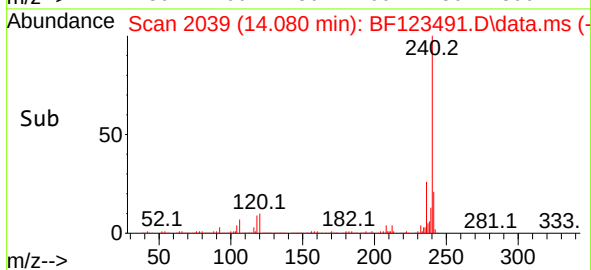
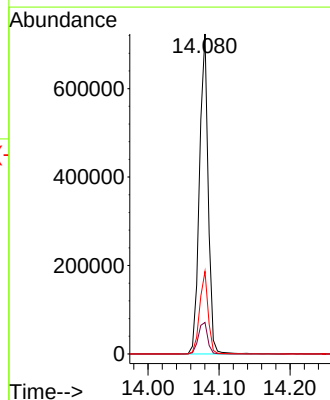
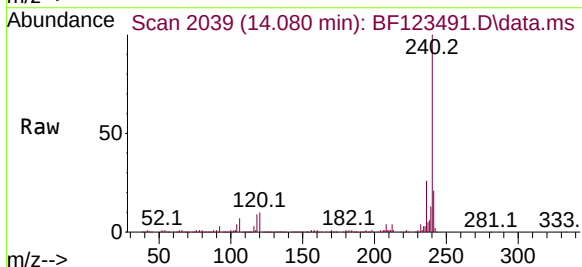
Instrument :
BNA_F
ClientSampleId :
MW-102S

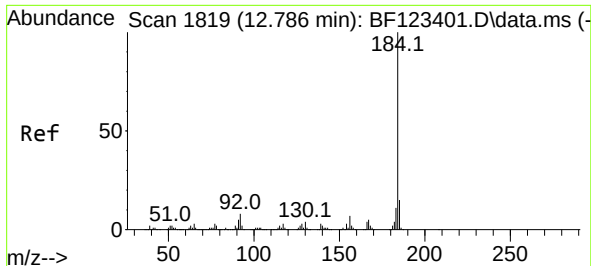
Tgt Ion:248 Resp: 44708
Ion Ratio Lower Upper
248 100
250 204.8 76.8 115.2#
141 536.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:240 Resp: 619243
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.8 20.3 30.5

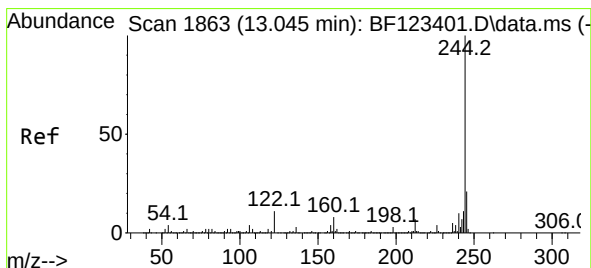
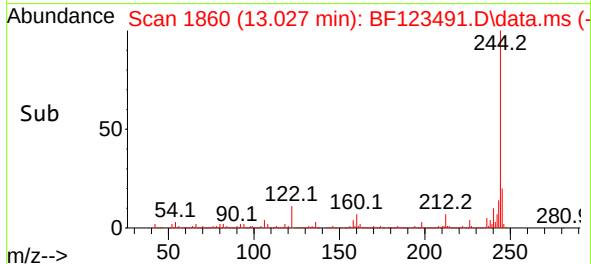
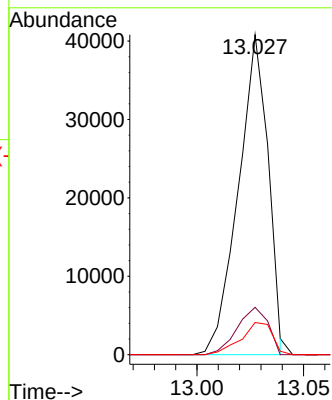
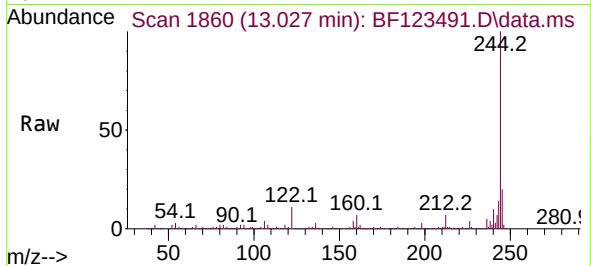




#77
Benzidine
Concen: 2.15 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

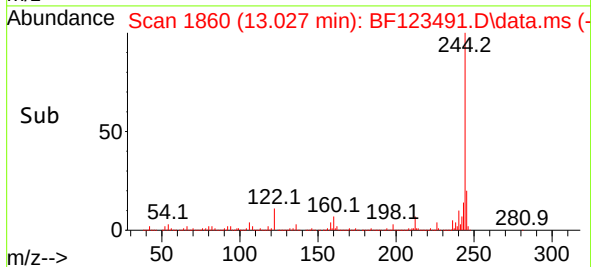
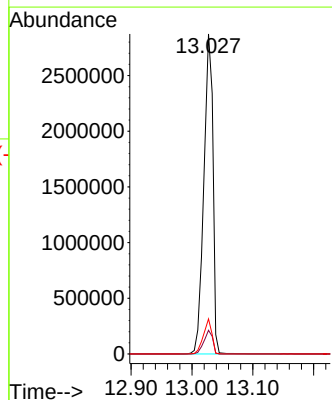
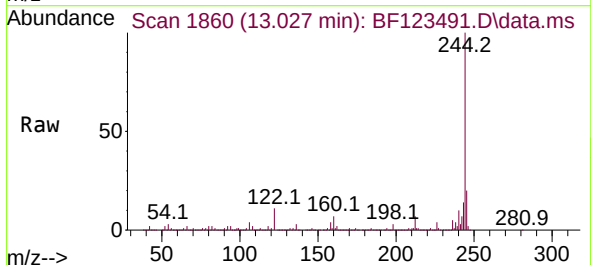
Instrument :
BNA_F
ClientSampleId :
MW-102S

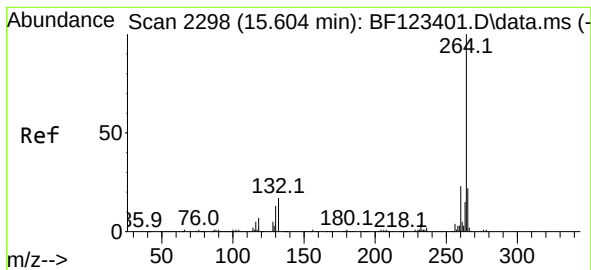
Tgt Ion:184 Resp: 39657
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 10.0 9.7 14.5



#79
Terphenyl-d14
Concen: 81.63 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123491.D
Acq: 26 Mar 2021 17:50

Tgt Ion:244 Resp: 2982562
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 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: BF123491.D
 Acq: 26 Mar 2021 17:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Tgt Ion:264 Resp: 470980
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 22.0 17.0 25.6

