

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123487.D
 Acq On : 26 Mar 2021 15:35
 Operator : JU/CG
 Sample : M1770-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104I

Quant Time: Mar 26 16:03:57 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)

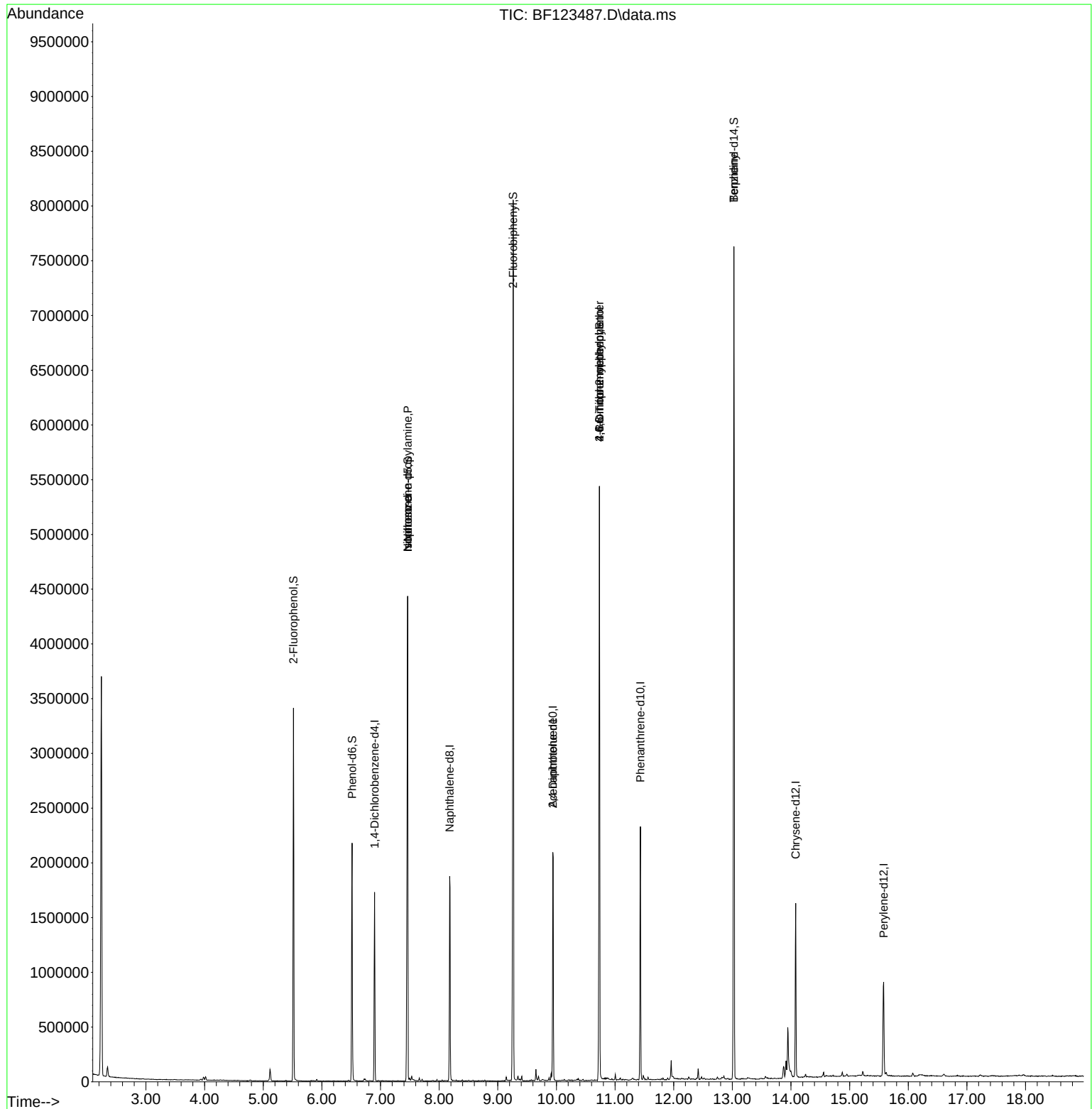
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	226634	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	836044	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	466168	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	800712	20.00	ng	0.00
76) Chrysene-d12	14.080	240	529431	20.00	ng	0.00
86) Perylene-d12	15.580	264	425430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	794518	57.35	ng	0.00
7) Phenol-d6	6.516	99	606762	32.90	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1462346	94.40	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	688404	132.09	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2587319	79.29	ng	0.00
79) Terphenyl-d14	13.027	244	2770108	88.67	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1459	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	202644	16.99	ng	# 82
25) Isophorone	7.463	82	1460333	43.85	ng	# 65
57) 2,4-Dinitrotoluene	9.939	165	60538	7.01	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1449	5.42	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	39520	4.17	ng	# 1
77) Benzydine	13.027	184	37479	2.38	ng	# 93

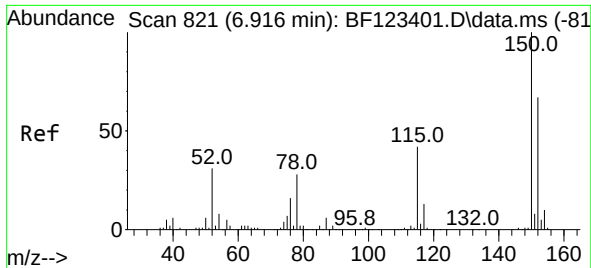
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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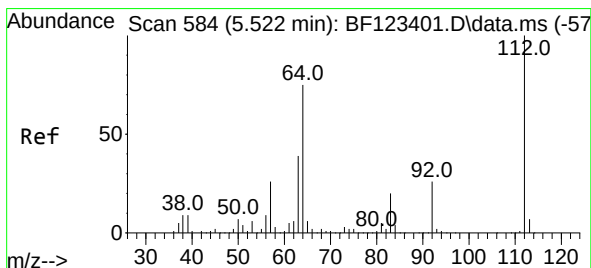
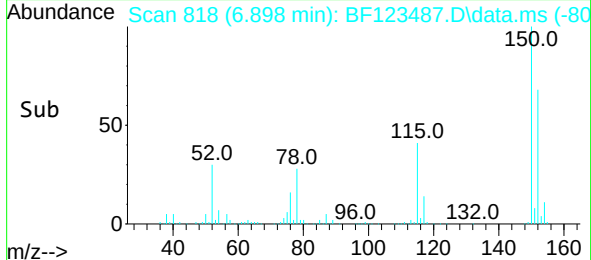
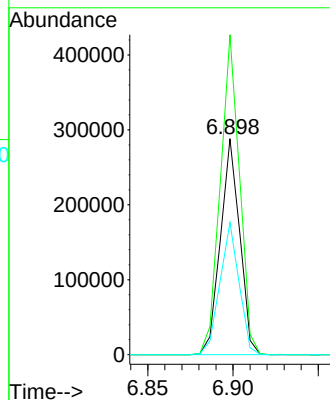
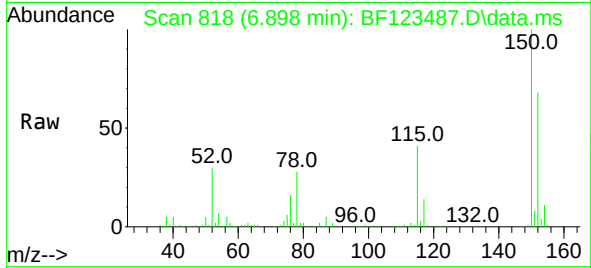




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

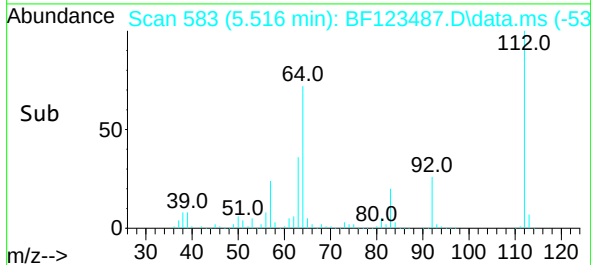
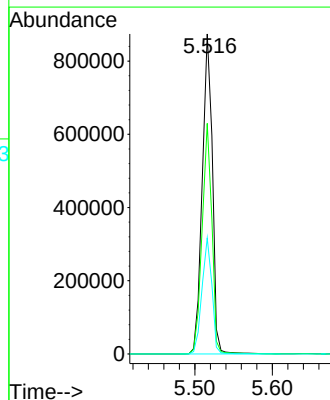
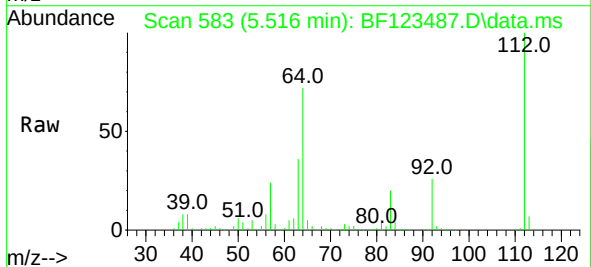
Instrument :
BNA_F
ClientSampleId :
MW-104I

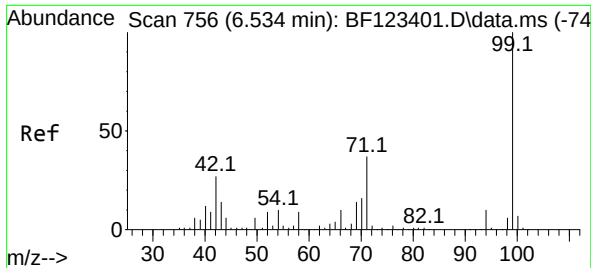
Tgt Ion:152 Resp: 226634
Ion Ratio Lower Upper
152 100
150 148.1 125.8 188.6
115 61.2 49.3 73.9



#5
2-Fluorophenol
Concen: 57.35 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion:112 Resp: 794518
Ion Ratio Lower Upper
112 100
64 72.1 46.9 70.3#
63 36.3 24.5 36.7

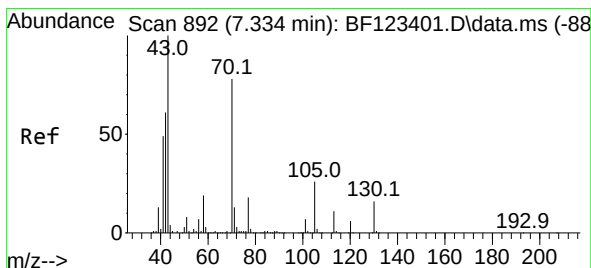
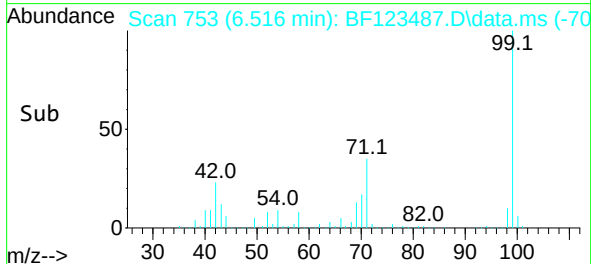
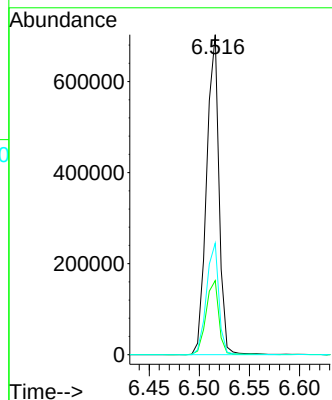
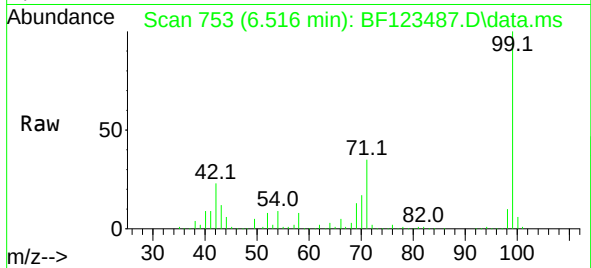




#7
Phenol-d6
Concen: 32.90 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

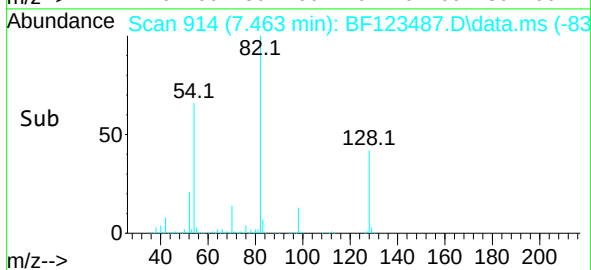
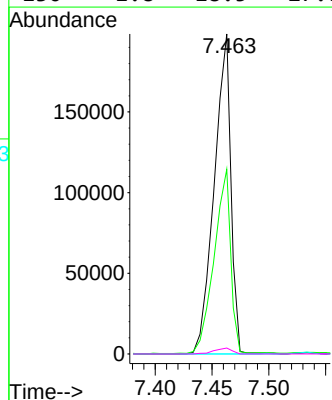
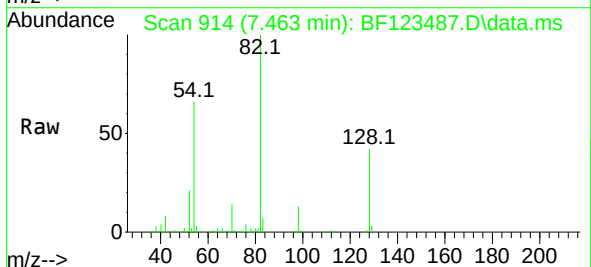
Instrument :
BNA_F
ClientSampleId :
MW-104I

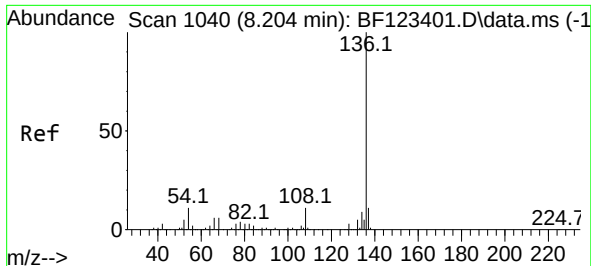
Tgt Ion: 99 Resp: 606762
Ion Ratio Lower Upper
99 100
42 23.1 13.8 20.6#
71 34.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.99 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion: 70 Resp: 202644
Ion Ratio Lower Upper
70 100
42 57.7 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#

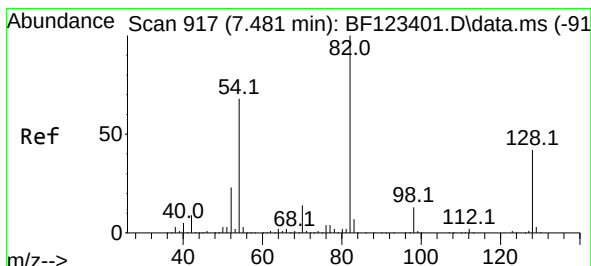
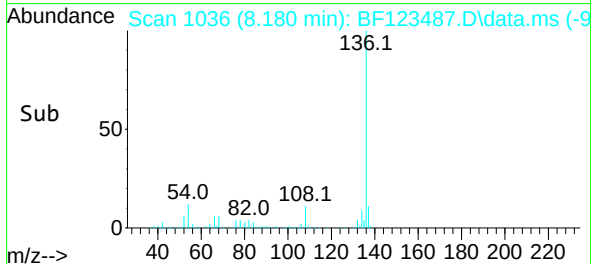
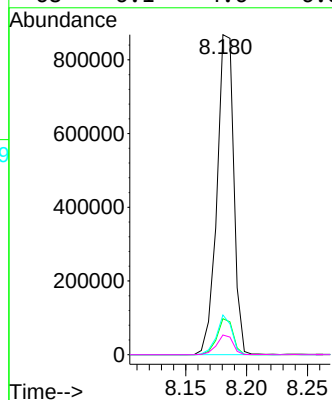
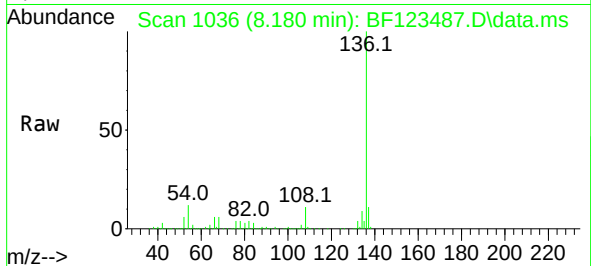




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

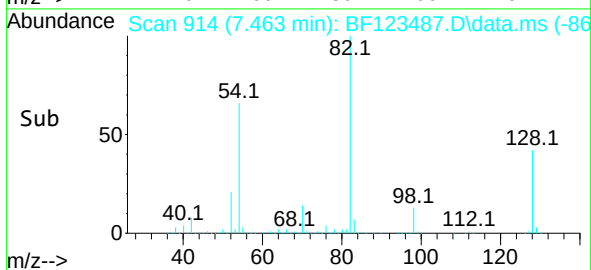
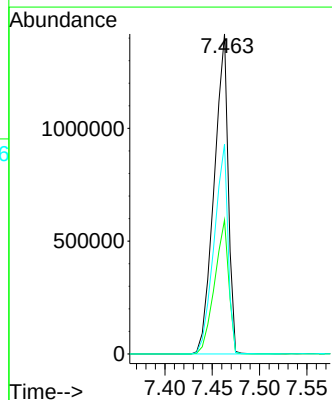
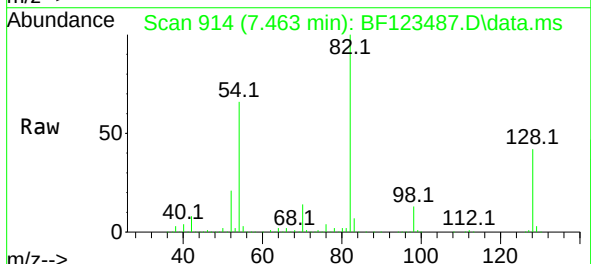
Instrument :
BNA_F
ClientSampleId :
MW-104I

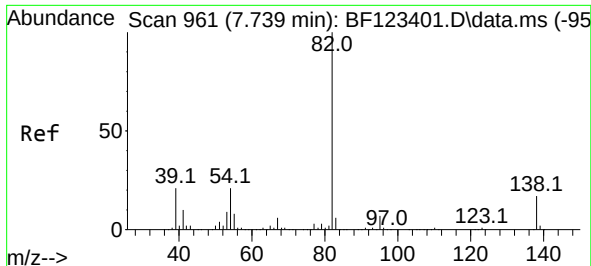
Tgt Ion:136	Resp: 836044
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 12.4	5.5 8.3#
68 6.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 94.40 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion: 82	Resp: 1462346
Ion Ratio	Lower Upper
82 100	
128 41.9	37.0 55.4
54 65.5	38.4 57.6#

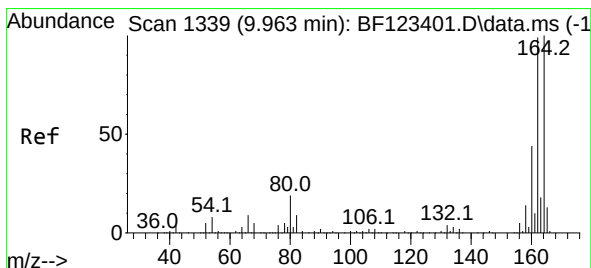
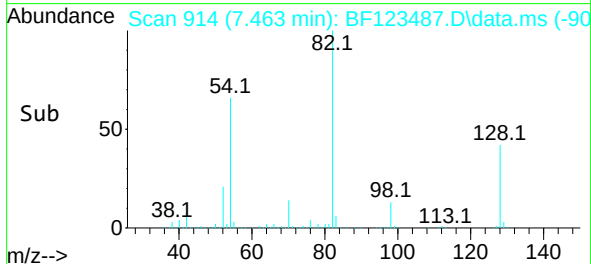
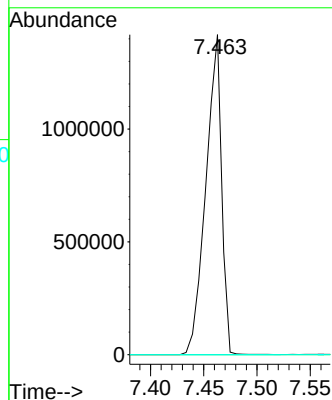
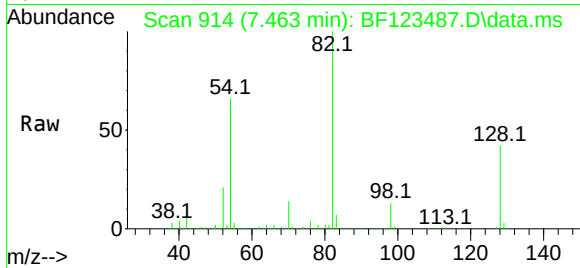




#25
Isophorone
Concen: 43.85 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

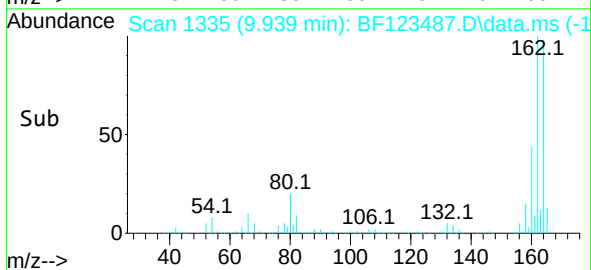
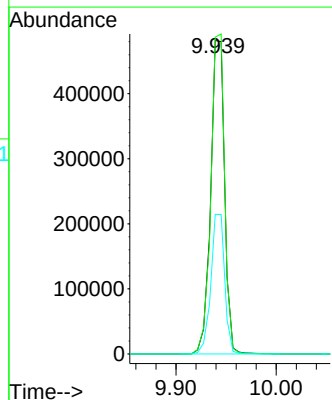
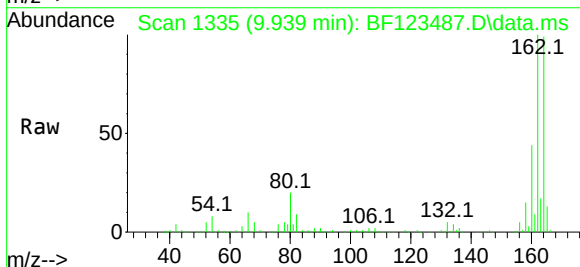
Instrument :
BNA_F
ClientSampleId :
MW-104I

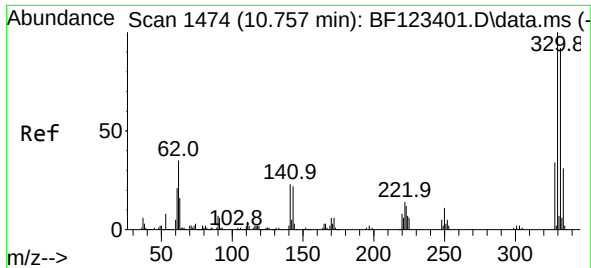
Tgt Ion: 82 Resp: 1460333
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion: 164 Resp: 466168
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 44.6 35.4 53.0



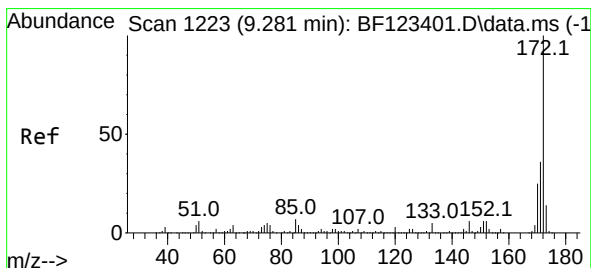
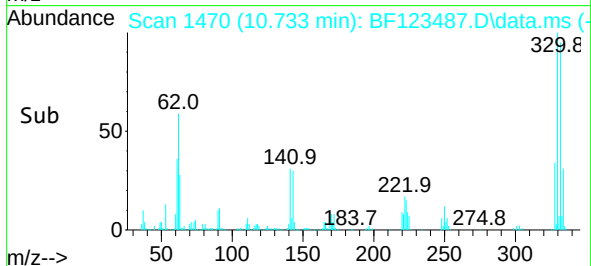
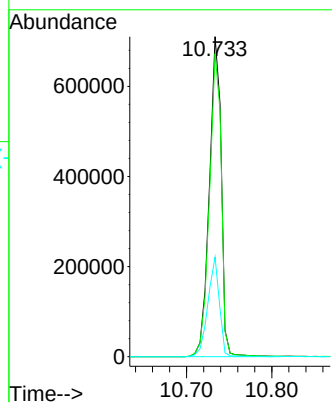
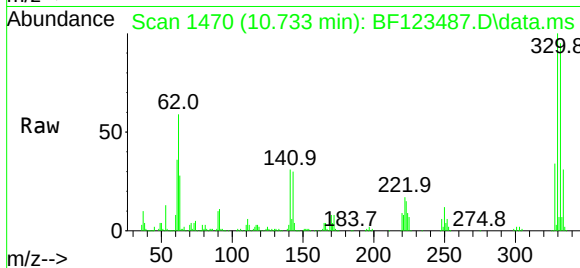


#42
 2,4,6-Tribromophenol
 Concen: 132.09 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. -0.006 min
 Lab File: BF123487.D
 Acq: 26 Mar 2021 15:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-104I

Tgt Ion: 330 Resp: 688404

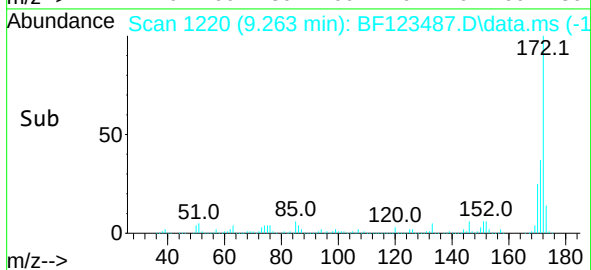
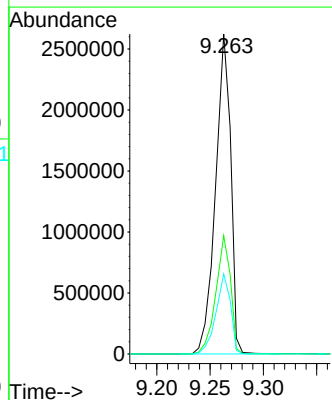
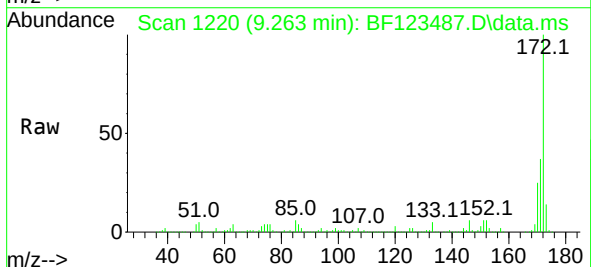
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.5	116.3
141	30.2	23.8	35.8

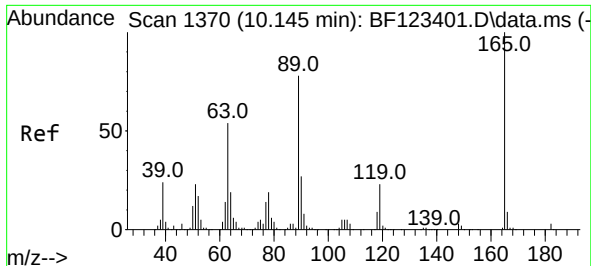


#45
 2-Fluorobiphenyl
 Concen: 79.29 ng
 RT: 9.263 min Scan# 1220
 Delta R.T. 0.000 min
 Lab File: BF123487.D
 Acq: 26 Mar 2021 15:35

Tgt Ion: 172 Resp: 2587319

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.0	19.5	29.3

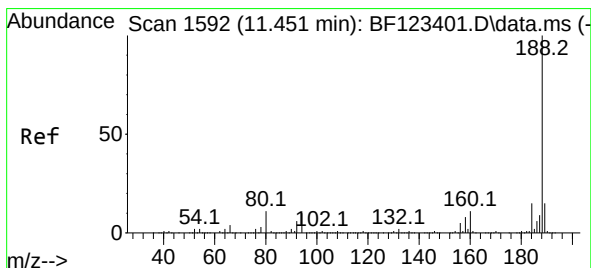
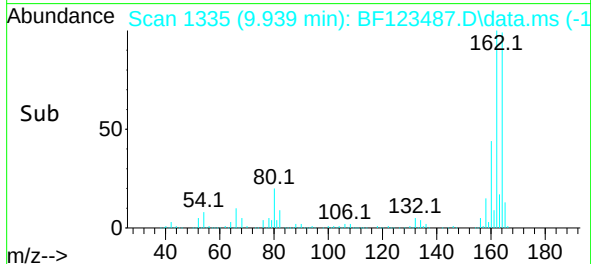
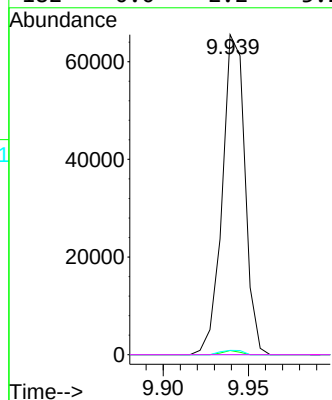
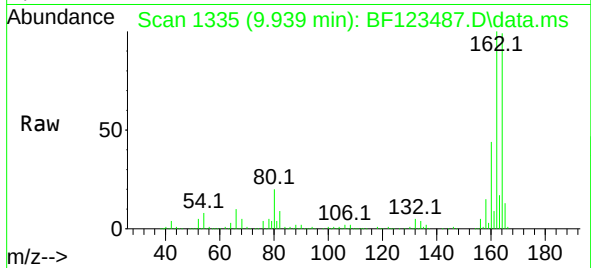




#57
2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

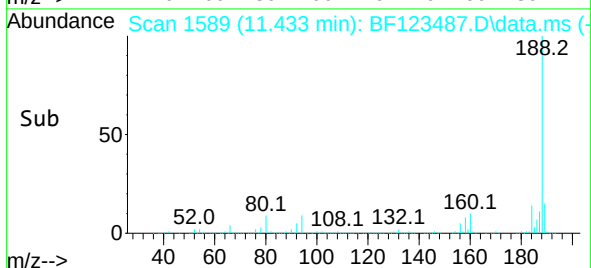
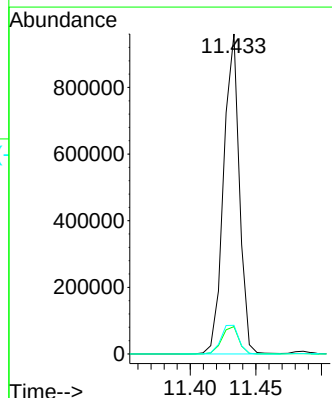
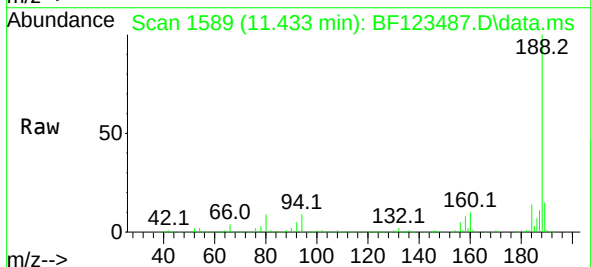
Instrument :
BNA_F
ClientSampleId :
MW-104I

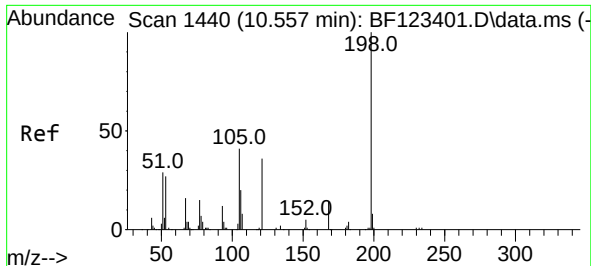
Tgt Ion:165 Resp: 60538
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion:188 Resp: 800712
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.0 8.2 12.4

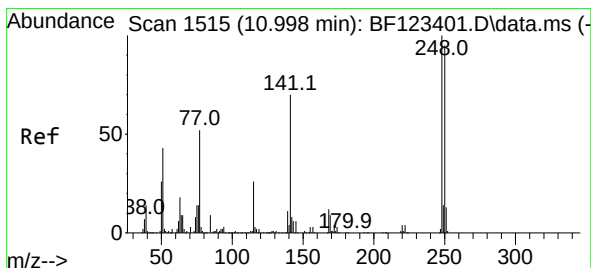
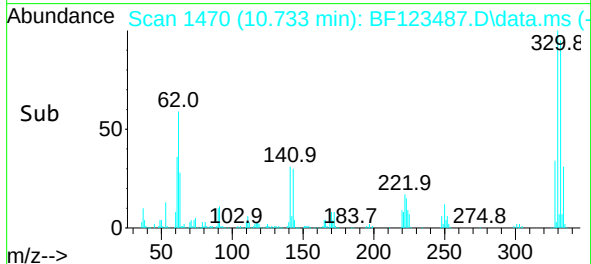
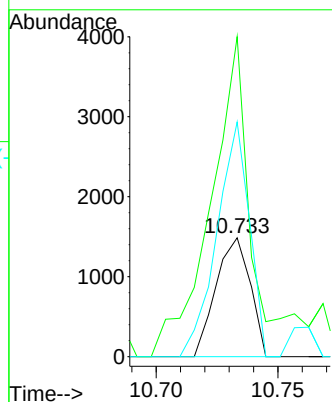
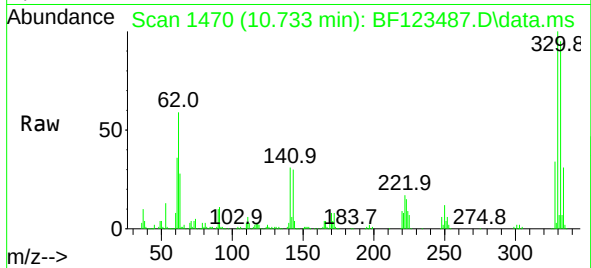




#65
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

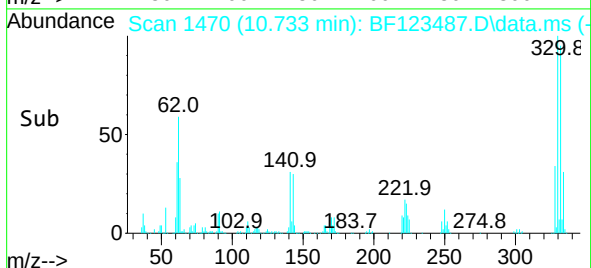
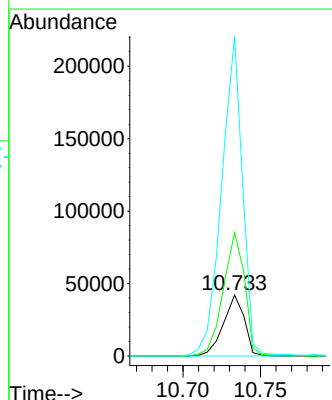
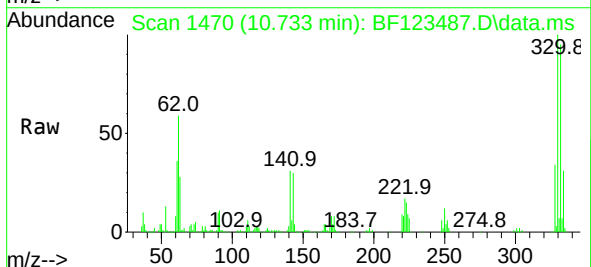
Instrument :
BNA_F
ClientSampleId :
MW-104I

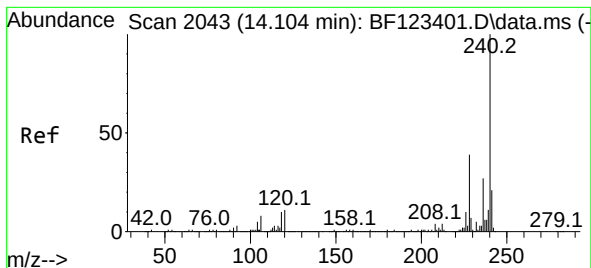
Tgt Ion:198 Resp: 1449
Ion Ratio Lower Upper
198 100
51 269.1 20.3 60.3#
105 197.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion:248 Resp: 39520
Ion Ratio Lower Upper
248 100
250 202.4 76.8 115.2#
141 525.0 59.8 89.8#

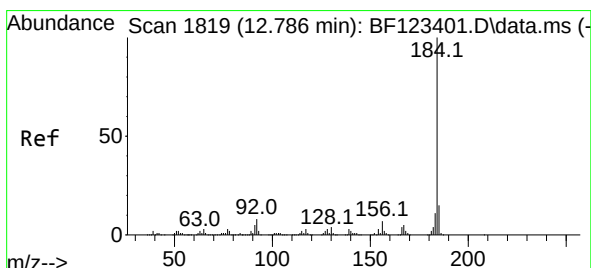
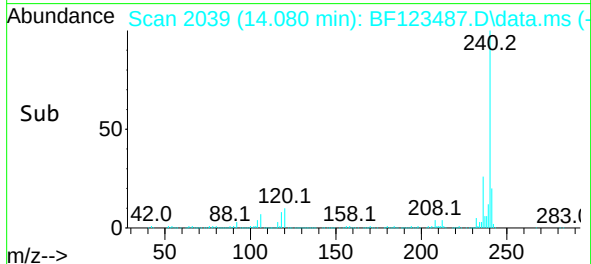
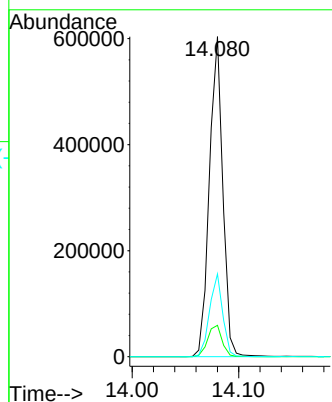
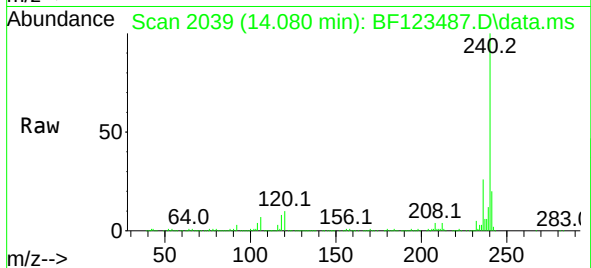




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

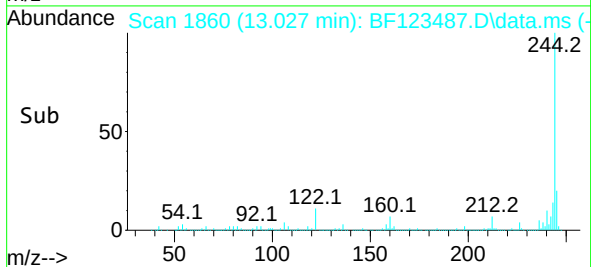
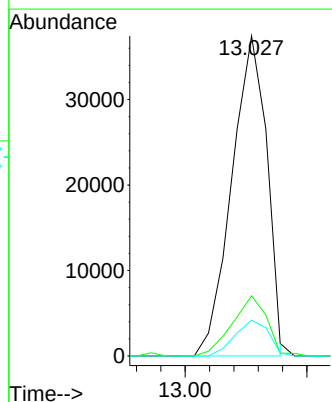
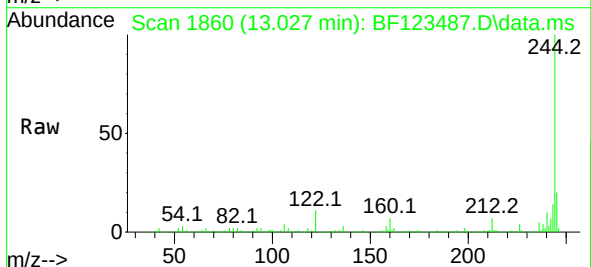
Instrument :
BNA_F
ClientSampleId :
MW-104I

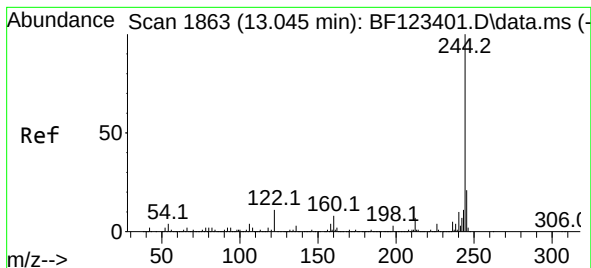
Tgt Ion:240 Resp: 529431
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.38 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123487.D
Acq: 26 Mar 2021 15:35

Tgt Ion:184 Resp: 37479
Ion Ratio Lower Upper
184 100
185 18.8 11.8 17.6#
183 11.2 9.7 14.5





#79

Terphenyl-d14

Concen: 88.67 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123487.D

Acq: 26 Mar 2021 15:35

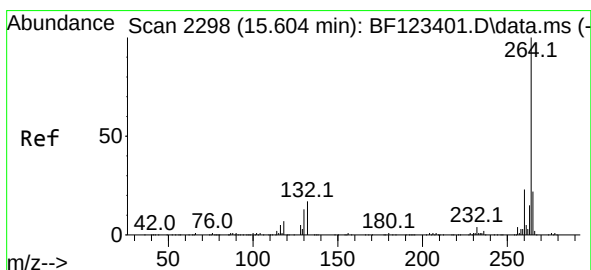
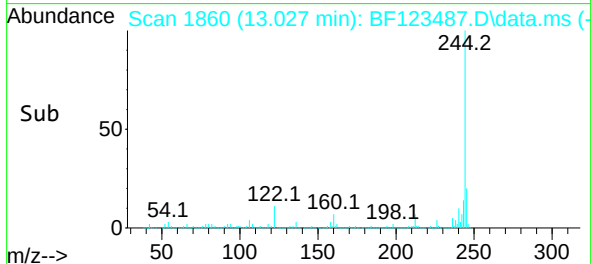
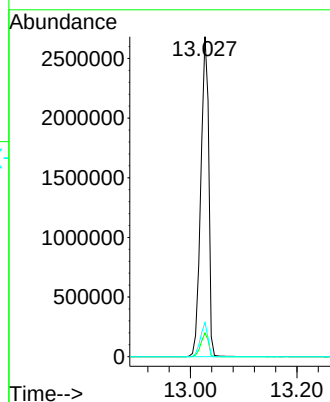
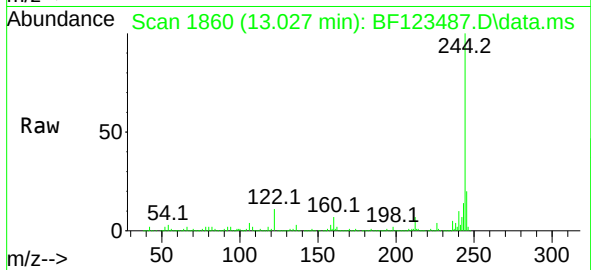
Tgt Ion:244 Resp: 2770108

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.7 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: BF123487.D

Acq: 26 Mar 2021 15:35

Tgt Ion:264 Resp: 425430

Ion Ratio Lower Upper

264 100

260 22.0 18.6 28.0

265 21.2 17.0 25.6

