

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123336.D
 Acq On : 2 Mar 2021 15:02
 Operator : JU/CG
 Sample : PB134901BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134901BL

Quant Time: Mar 02 15:23:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

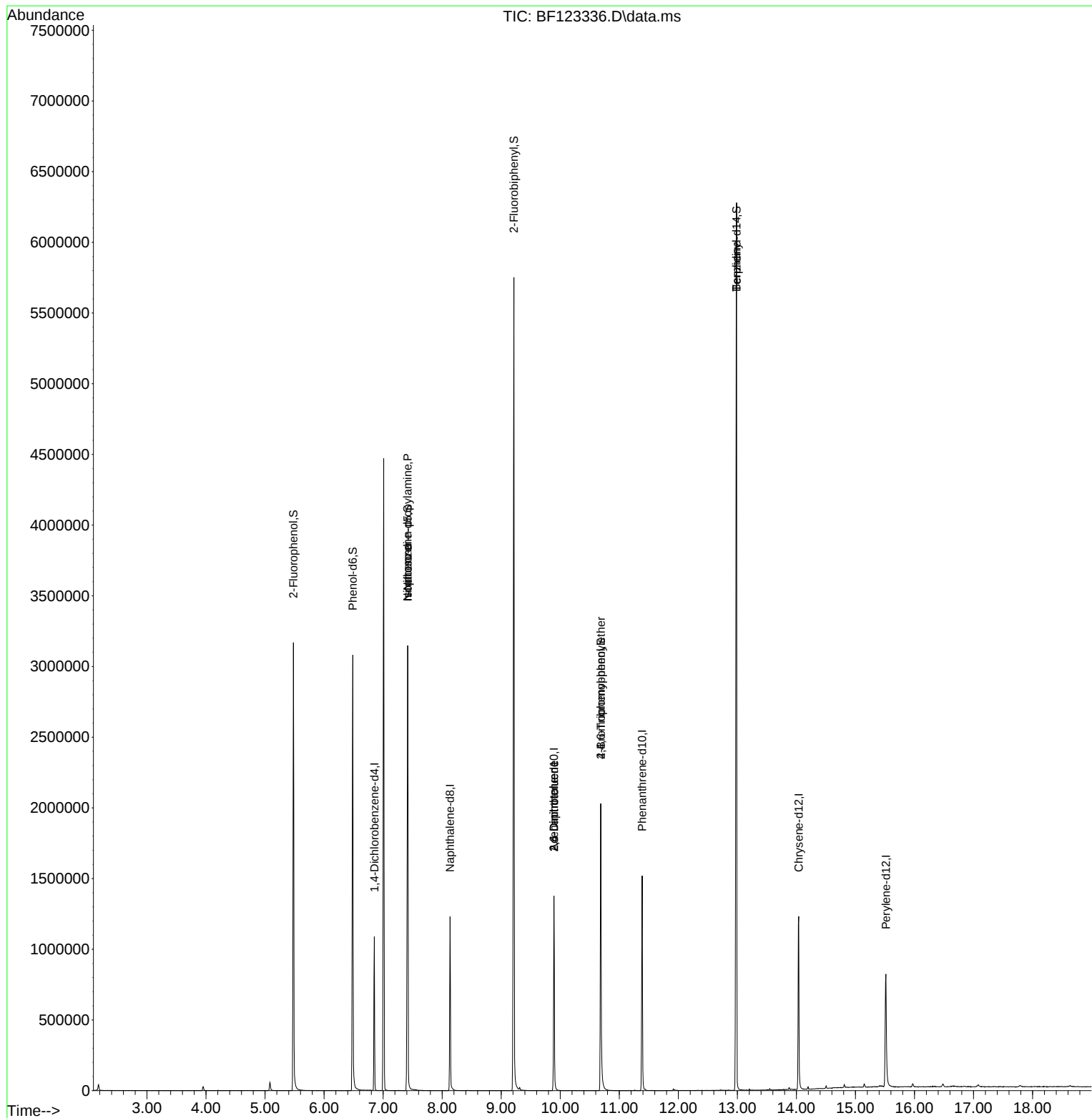
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	139477	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	550732	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	281477	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	546710	20.00	ng	0.00
76) Chrysene-d12	14.039	240	454567	20.00	ng	0.00
86) Perylene-d12	15.515	264	417607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	815439	84.15	ng	0.00
7) Phenol-d6	6.486	99	1038987	78.92	ng	0.00
23) Nitrobenzene-d5	7.416	82	1195925	99.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	233634	81.52	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1857452	94.79	ng	0.00
79) Terphenyl-d14	12.986	244	2358666	99.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1721	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	165898	21.18	ng	# 81
25) Isophorone	7.416	82	1181788	52.53	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	35604	7.34	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	35604	5.46	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	16785	2.82	ng	# 1
77) Benizidine	12.986	184	32938	2.24	ng	# 89

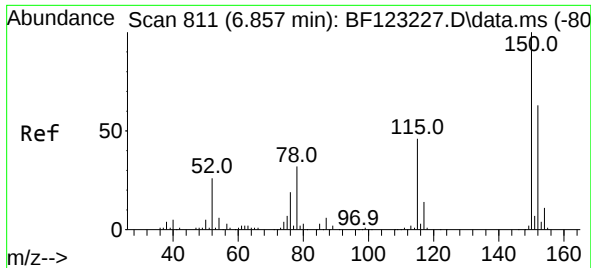
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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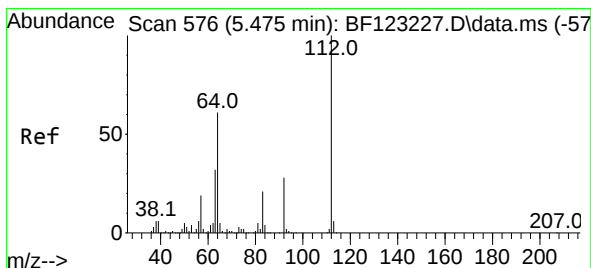
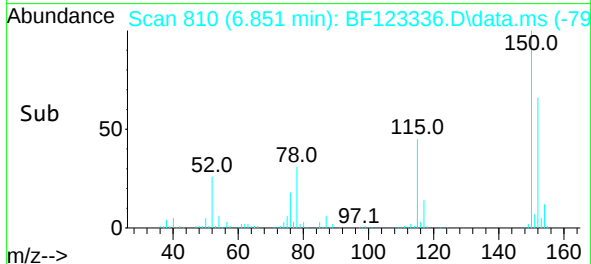
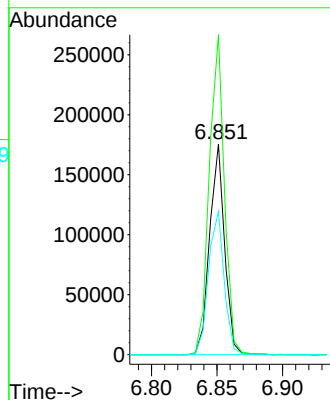
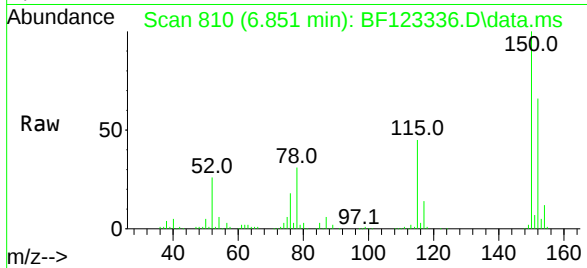




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

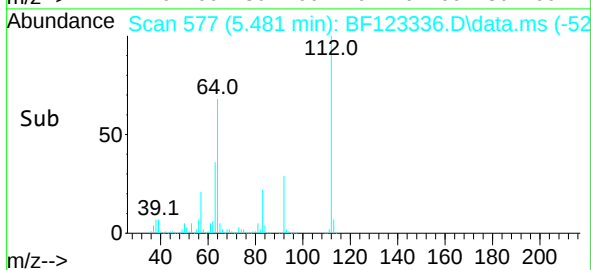
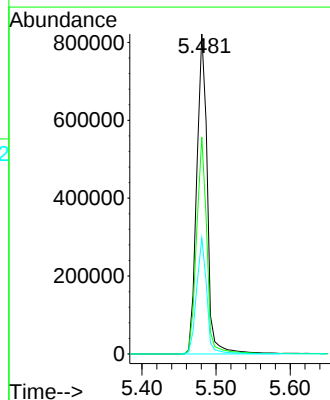
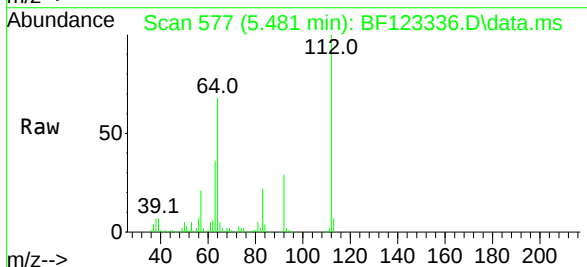
Instrument :
BNA_F
ClientSampleId :
PB134901BL

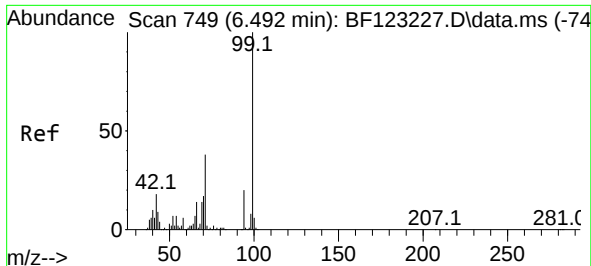
Tgt Ion:152 Resp: 139477
Ion Ratio Lower Upper
152 100
150 152.0 125.8 188.6
115 68.0 49.3 73.9



#5
2-Fluorophenol
Concen: 84.15 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion:112 Resp: 815439
Ion Ratio Lower Upper
112 100
64 67.7 46.9 70.3
63 36.2 24.5 36.7

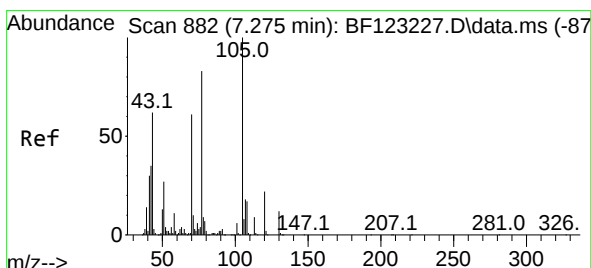
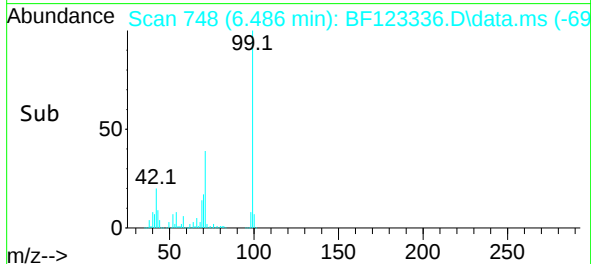
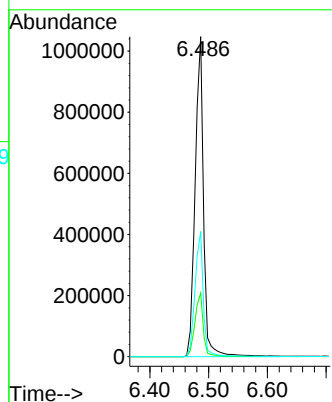
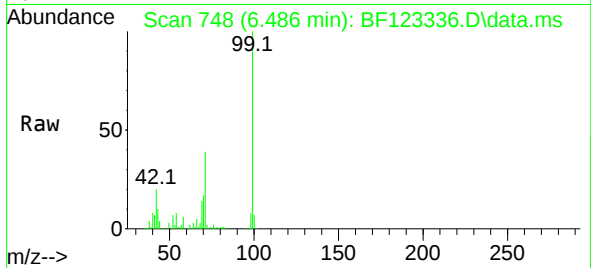




#7
Phenol-d6
Concen: 78.92 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

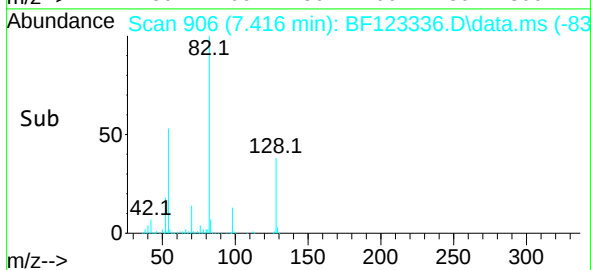
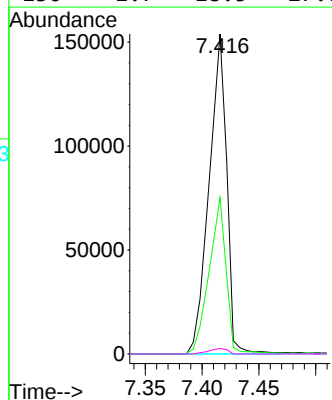
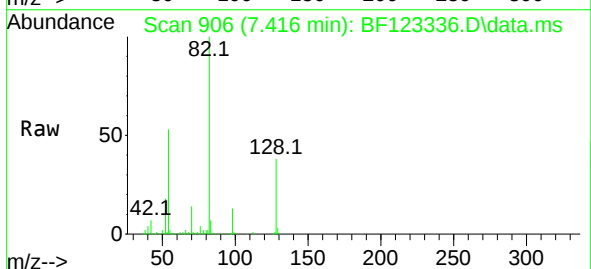
Instrument :
BNA_F
ClientSampleId :
PB134901BL

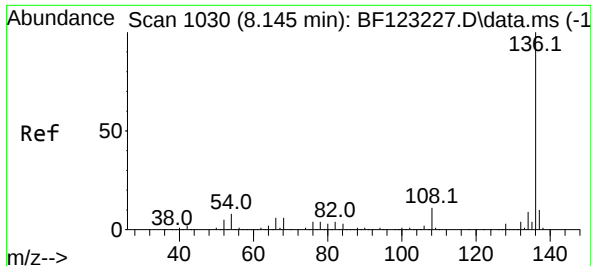
Tgt Ion: 99 Resp: 1038987
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 39.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.18 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion: 70 Resp: 165898
Ion Ratio Lower Upper
70 100
42 48.8 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



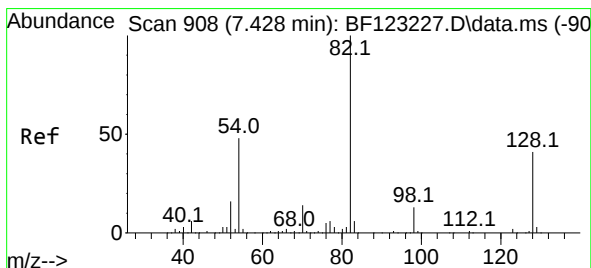
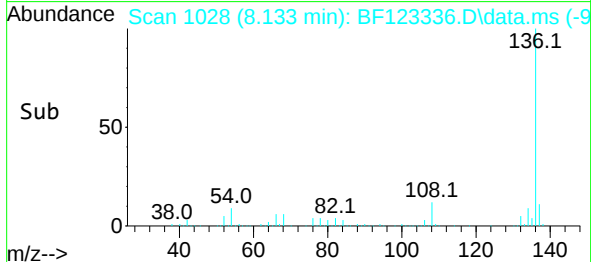
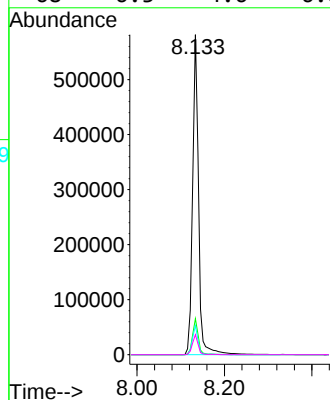
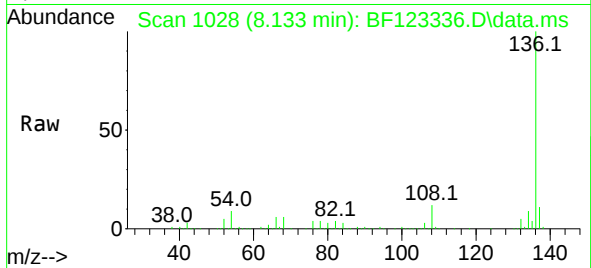


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Instrument :
BNA_F
ClientSampleId :
PB134901BL

Tgt Ion:136 Resp: 550732

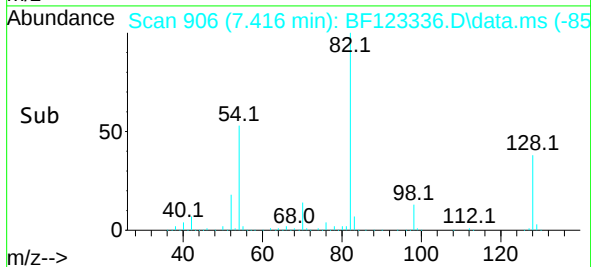
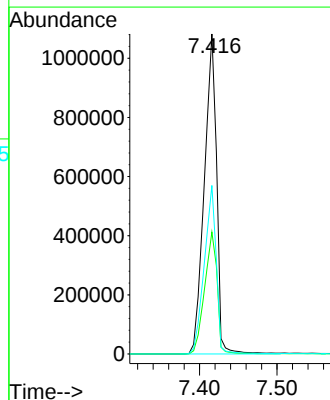
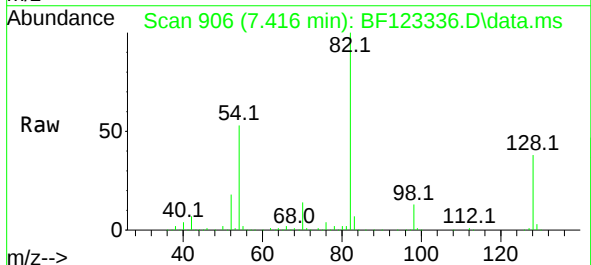
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	5.5	8.3#
68	6.3	4.6	6.8

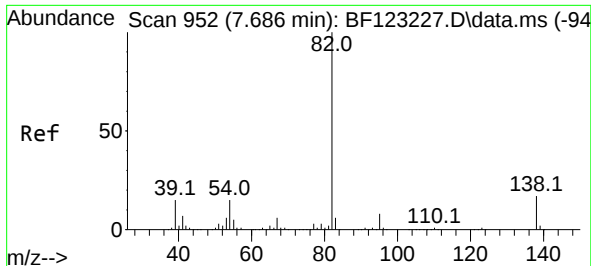


#23
Nitrobenzene-d5
Concen: 99.40 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion: 82 Resp: 1195925

Ion	Ratio	Lower	Upper
82	100		
128	38.1	37.0	55.4
54	52.7	38.4	57.6

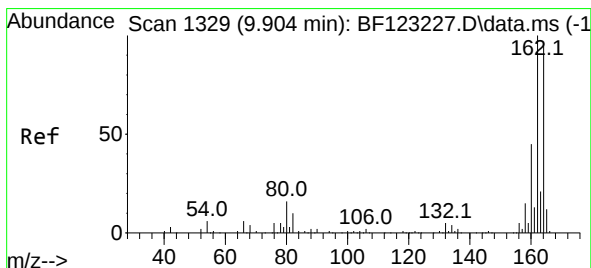
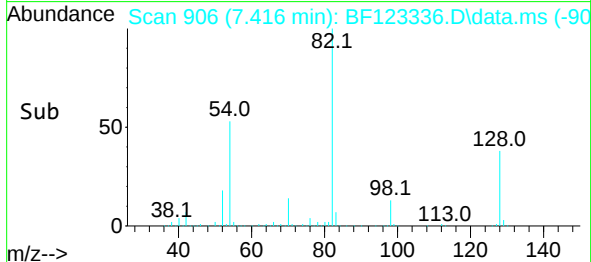
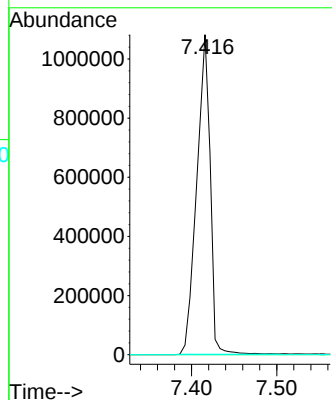
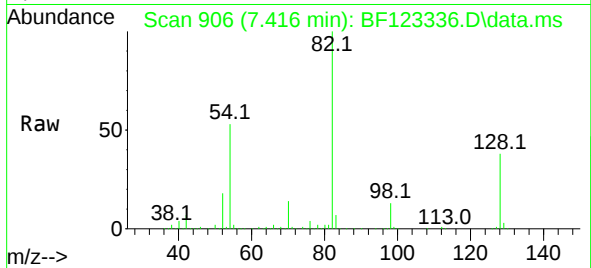




#25
Isophorone
Concen: 52.53 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

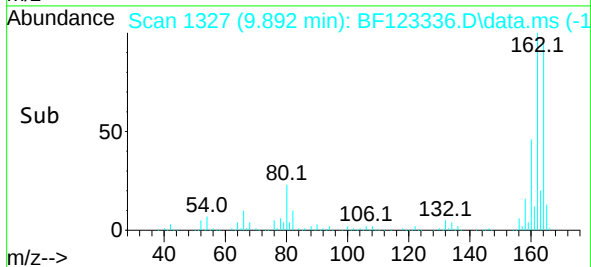
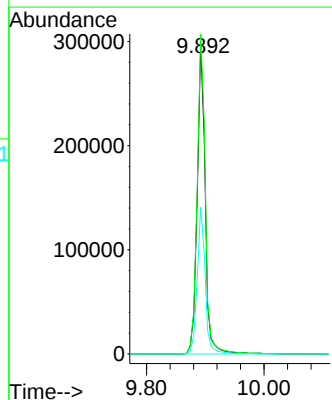
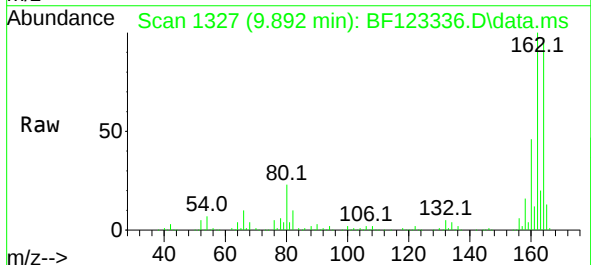
Instrument :
BNA_F
ClientSampleId :
PB134901BL

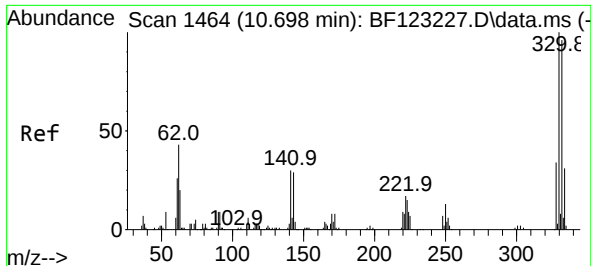
Tgt Ion: 82 Resp: 1181788
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

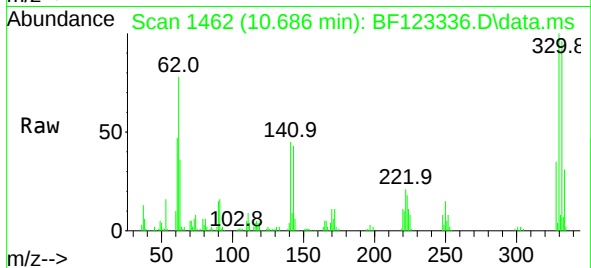
Tgt Ion:164 Resp: 281477
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 47.4 35.4 53.0



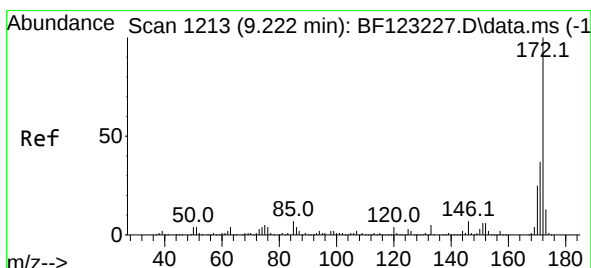
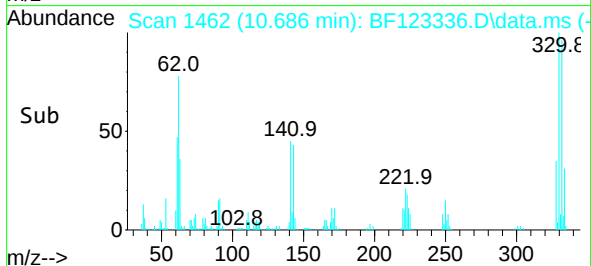
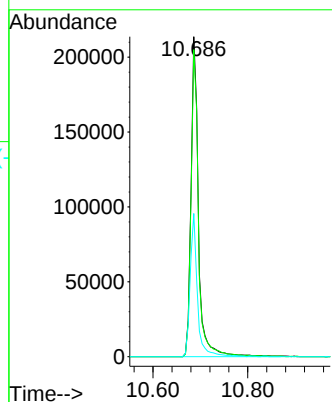


#42
2,4,6-Tribromophenol
Concen: 81.52 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Instrument :
BNA_F
ClientSampleId :
PB134901BL

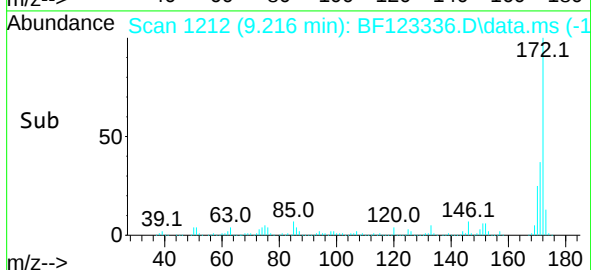
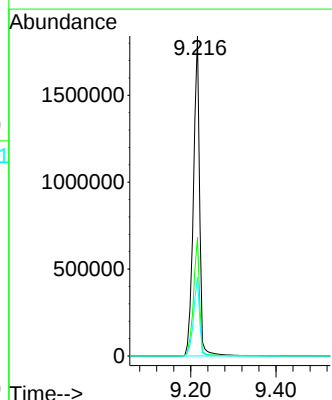
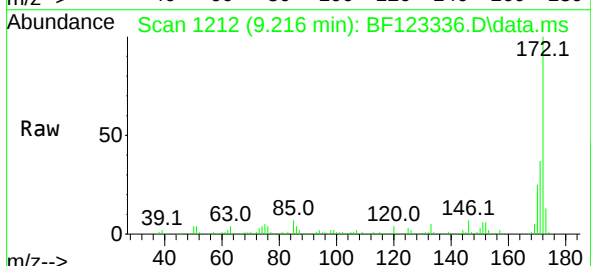


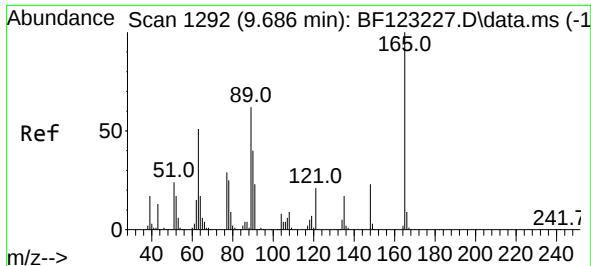
Tgt Ion:330 Resp: 233634
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 43.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 94.79 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion:172 Resp: 1857452
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.7 19.5 29.3

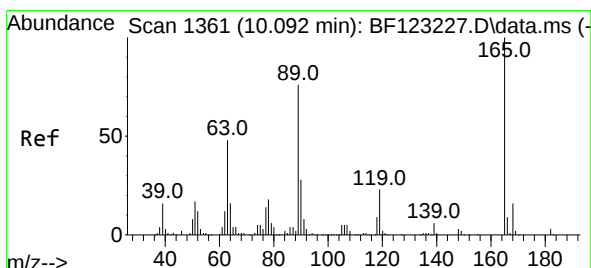
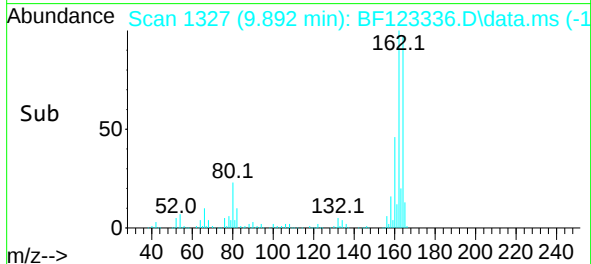
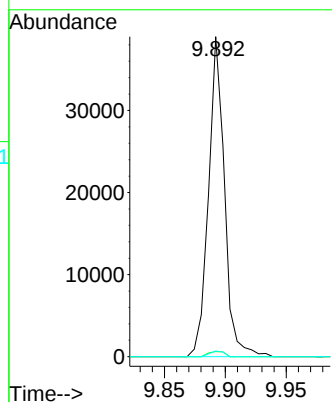
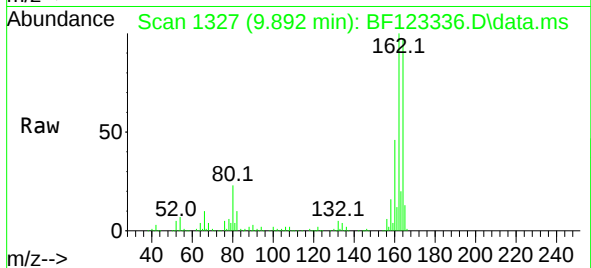




#51
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

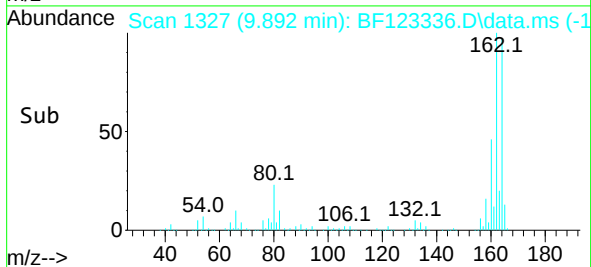
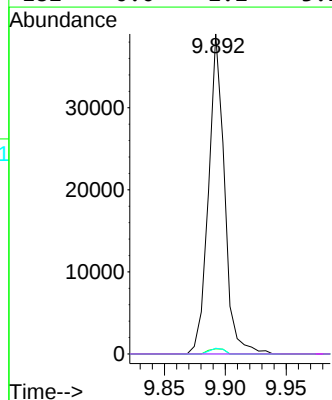
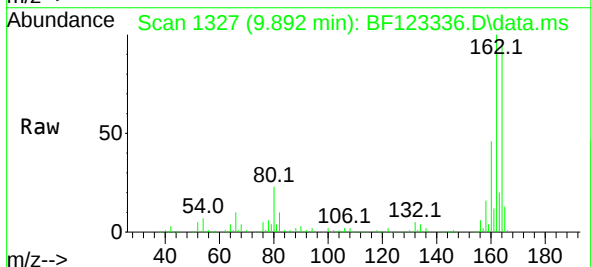
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BNA_F
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PB134901BL

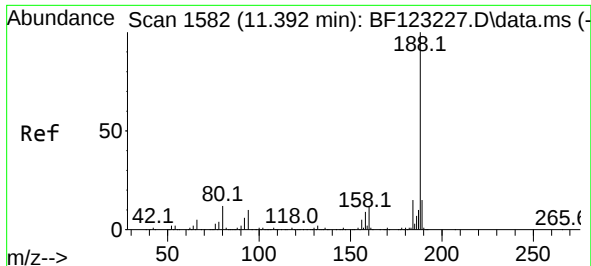
Tgt Ion:165 Resp: 35604
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion:165 Resp: 35604
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

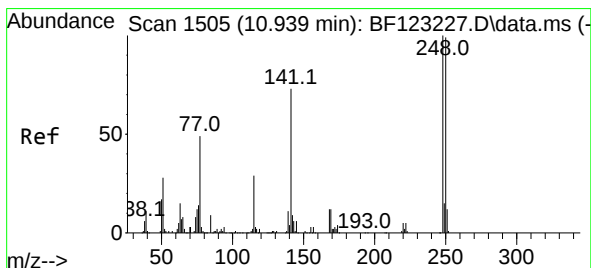
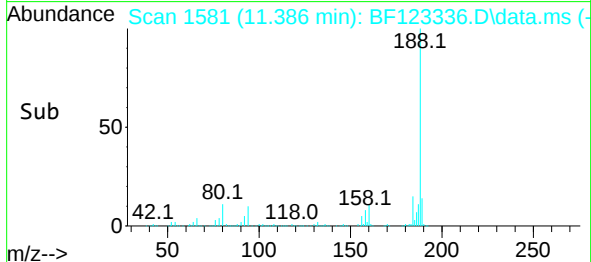
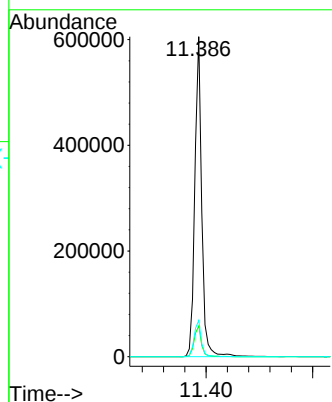
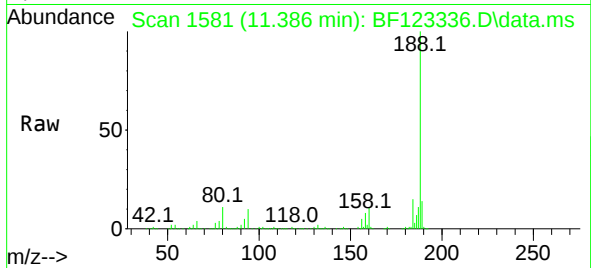




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

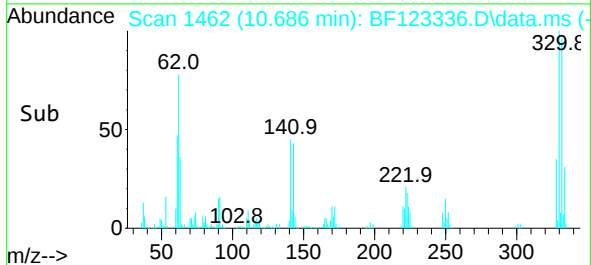
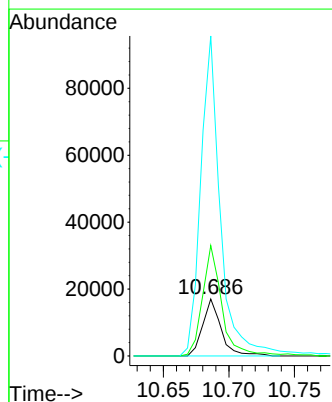
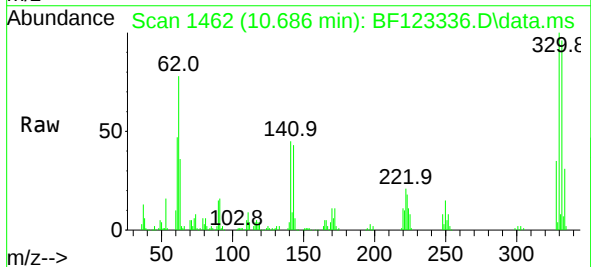
Instrument :
BNA_F
ClientSampleId :
PB134901BL

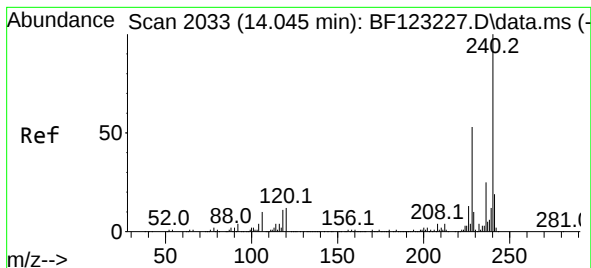
Tgt Ion:188 Resp: 546710
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion:248 Resp: 16785
Ion Ratio Lower Upper
248 100
250 193.9 76.8 115.2#
141 562.4 59.8 89.8#

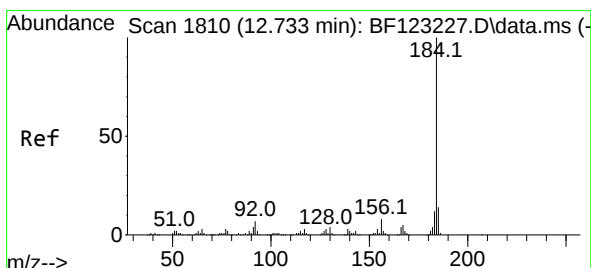
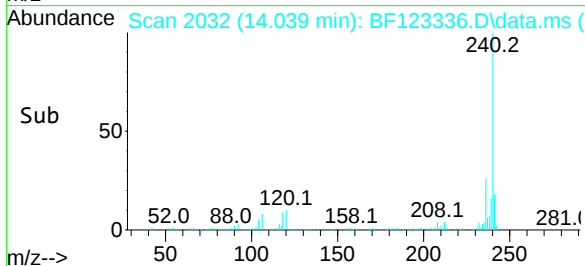
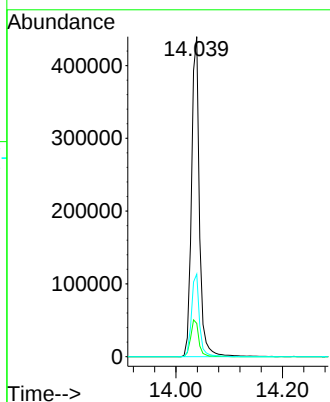
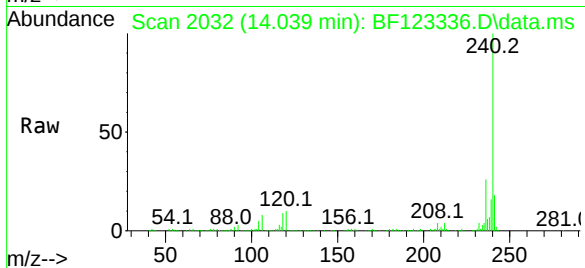




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

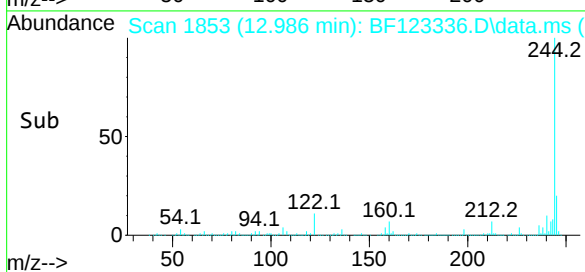
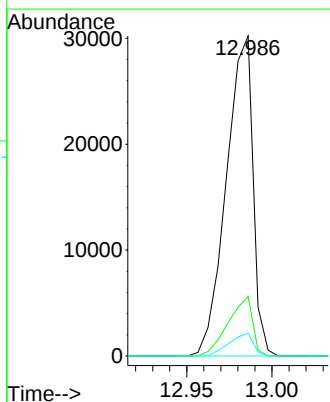
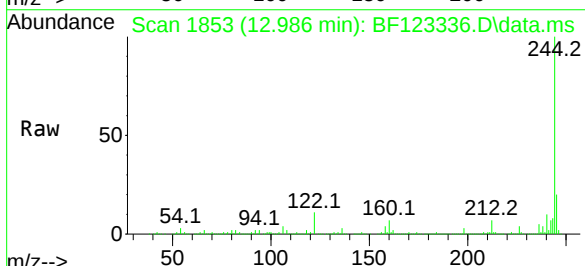
Instrument :
BNA_F
ClientSampleId :
PB134901BL

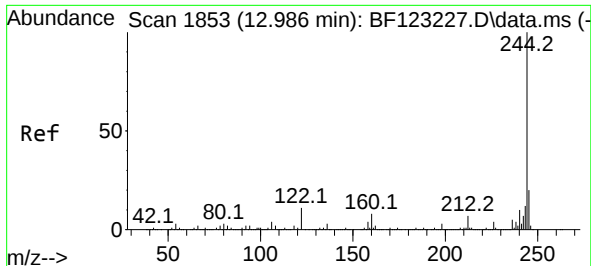
Tgt Ion:240 Resp: 454567
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.24 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

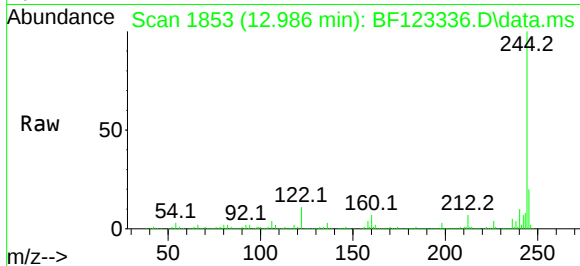
Tgt Ion:184 Resp: 32938
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 7.1 9.7 14.5#



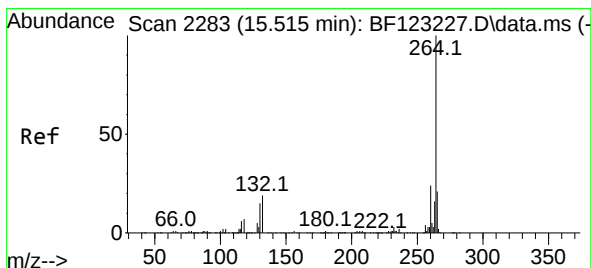
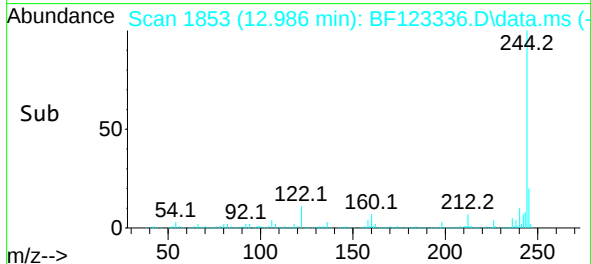
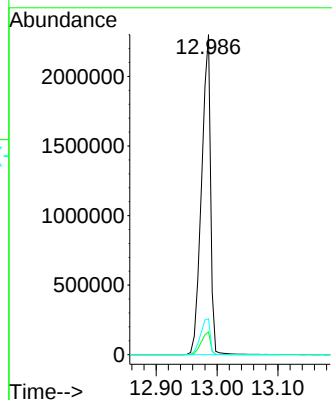


#79
Terphenyl-d14
Concen: 99.78 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Instrument :
BNA_F
ClientSampleId :
PB134901BL



Tgt Ion:244 Resp: 2358666
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.2 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF123336.D
Acq: 2 Mar 2021 15:02

Tgt Ion:264 Resp: 417607
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.0 25.6

