

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123006.D
 Acq On : 19 Jan 2021 1:16
 Operator : JU/CG
 Sample : M1157-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

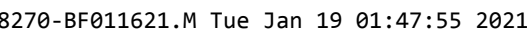
Quant Time: Jan 19 01:47:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

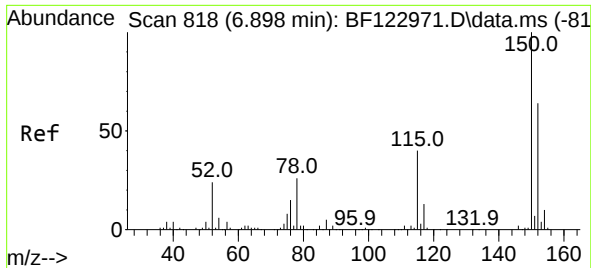
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	97698	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	375609	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	228102	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	332097	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	204435	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	236203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	336552	52.07	ng	0.00
7) Phenol-d6	6.504	99	304576	35.06	ng	-0.02
23) Nitrobenzene-d5	7.457	82	634394	86.91	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	279891	108.51	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1159998	71.21	ng	0.00
79) Terphenyl-d14	13.016	244	780354	69.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	523	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.457	70	93460	18.16	ng	# 68
25) Isophorone	7.457	82	634388	48.71	ng	# 65
31) Naphthalene	8.198	128	47776	2.47	ng	97
51) 2,6-Dinitrotoluene	9.933	165	28371	7.33	ng	# 35
57) 2,4-Dinitrotoluene	9.933	165	28371	5.70	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	16231	4.00	ng	# 1
77) Benzidine	13.010	184	11450	2.12	ng	# 89

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

Quant Time: Jan 19 01:47:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

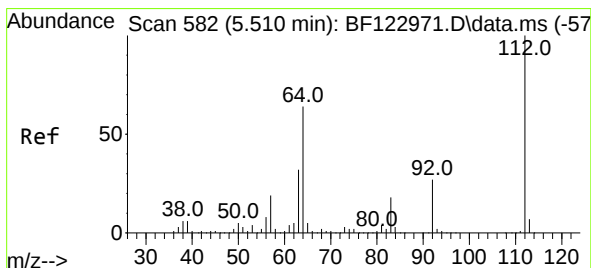
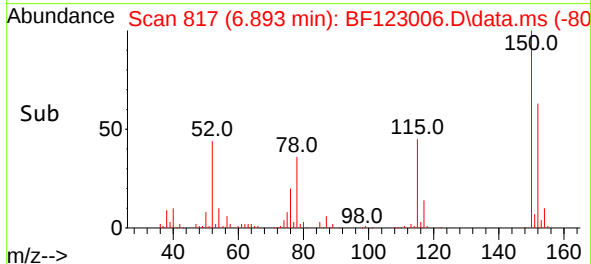
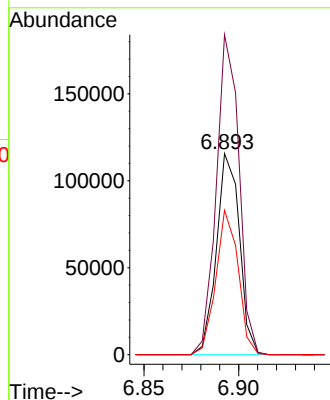
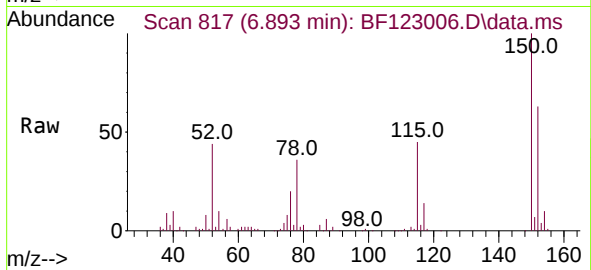




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

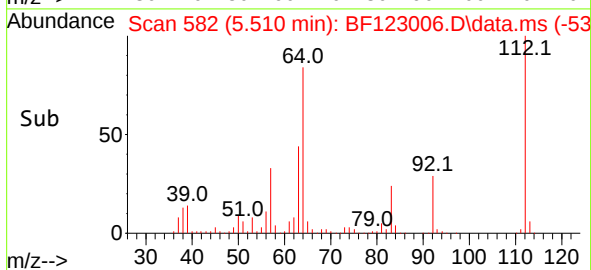
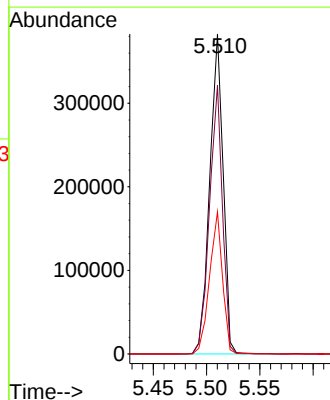
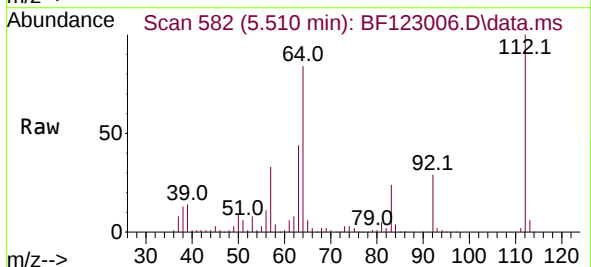
Instrument :
BNA_F
ClientSampleId :
MW-5

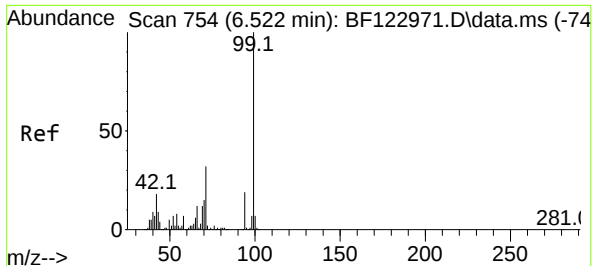
Tgt Ion:152 Resp: 97698
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 71.8 49.3 73.9



#5
2-Fluorophenol
Concen: 52.07 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion:112 Resp: 336552
Ion Ratio Lower Upper
112 100
64 84.0 46.9 70.3#
63 44.4 24.5 36.7#

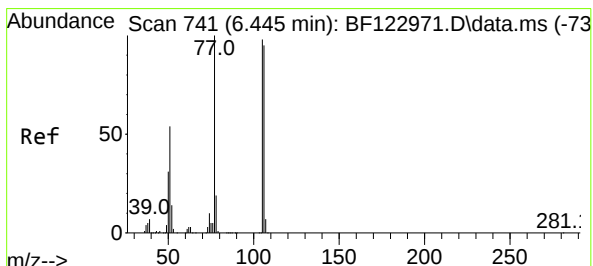
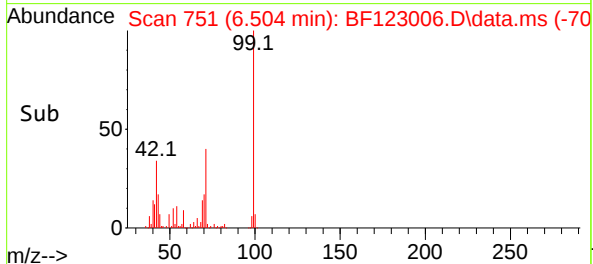
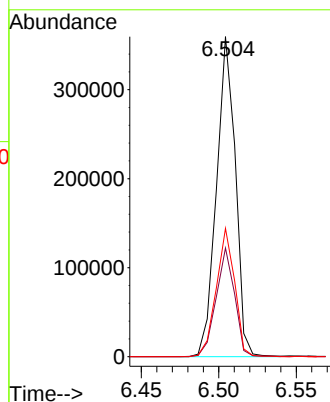
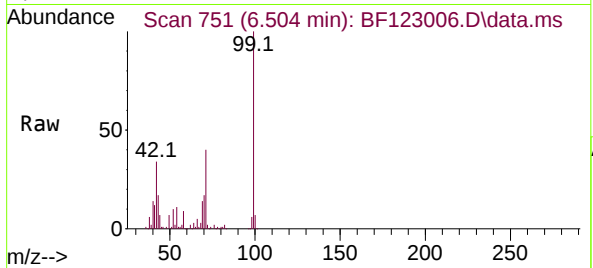




#7
Phenol-d6
Concen: 35.06 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

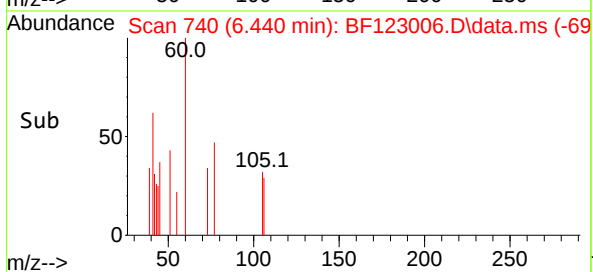
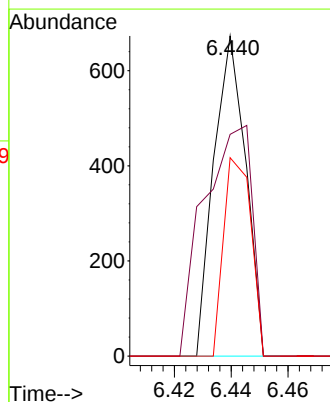
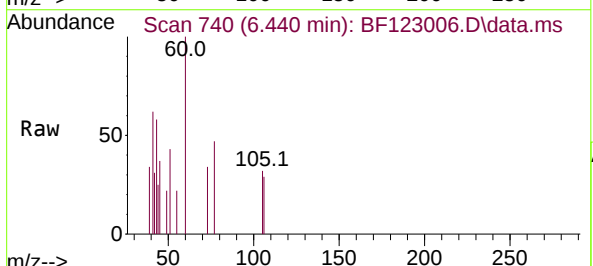
Instrument :
BNA_F
ClientSampleId :
MW-5

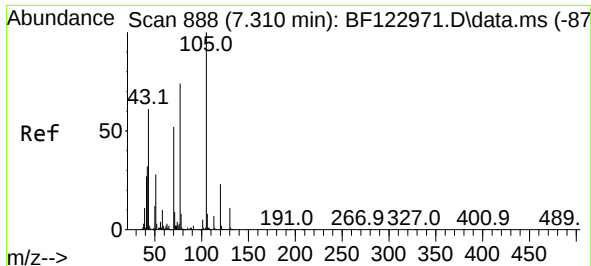
Tgt Ion: 99 Resp: 304576
Ion Ratio Lower Upper
99 100
42 33.9 13.8 20.6#
71 40.1 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 740
Delta R.T. -0.005 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion: 77 Resp: 523
Ion Ratio Lower Upper
77 100
105 69.2 80.6 120.6#
106 62.0 77.2 117.2#

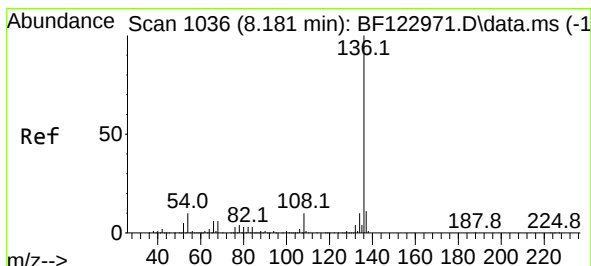
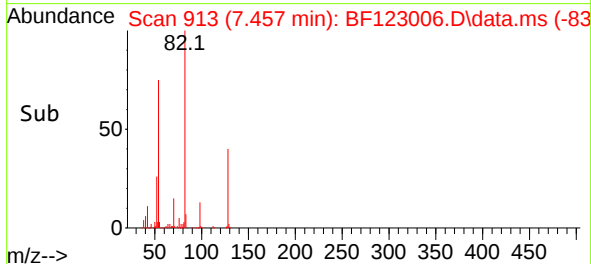
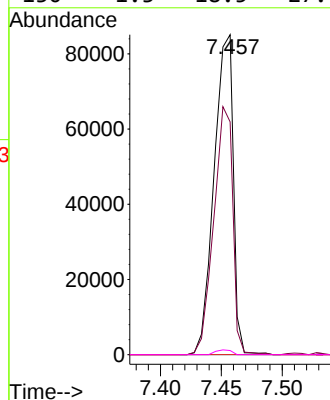
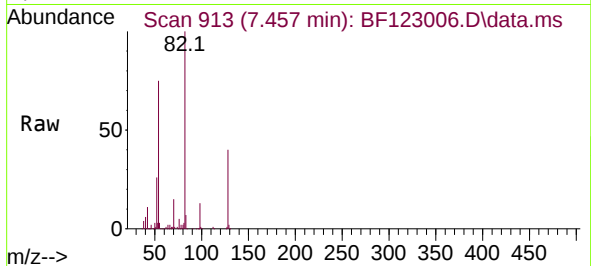




#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

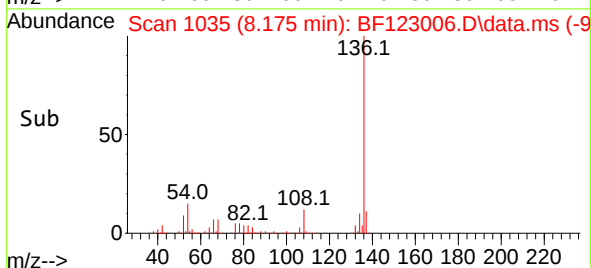
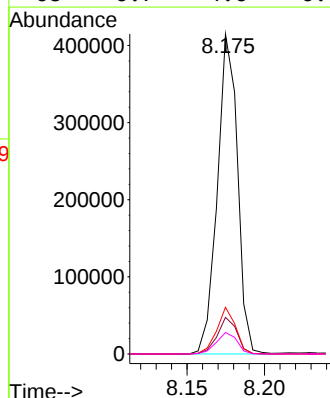
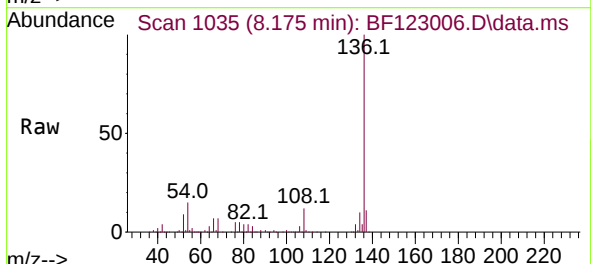
Instrument :
BNA_F
ClientSampled :
MW-5

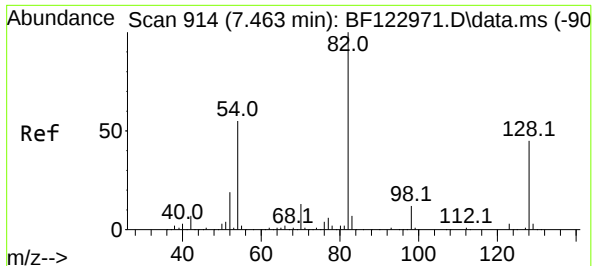
Tgt Ion: 70 Resp: 93460
Ion Ratio Lower Upper
70 100
42 72.7 43.0 64.4#
101 0.0 7.9 11.9#
130 1.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion: 136 Resp: 375609
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 14.6 5.5 8.3#
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.91 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123006.D

Acq: 19 Jan 2021 1:16

Tgt Ion: 82 Resp: 634394

Ion Ratio Lower Upper

82 100

128 39.5 37.0 55.4

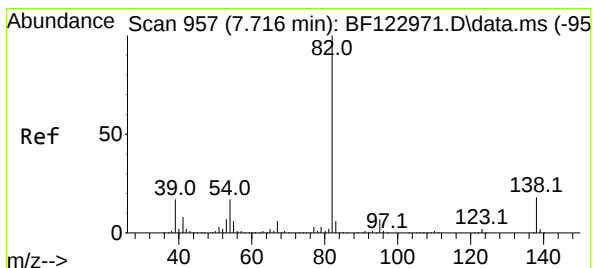
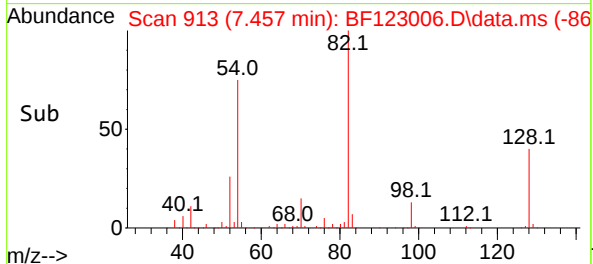
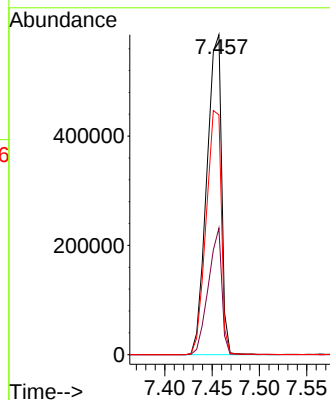
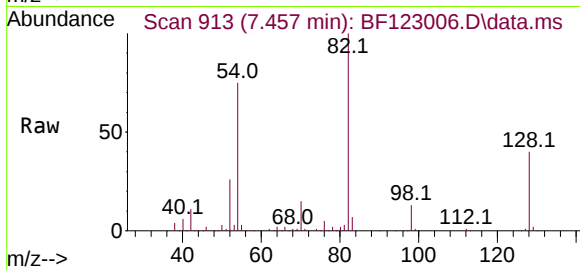
54 74.9 38.4 57.6#

Instrument :

BNA_F

ClientSampleId :

MW-5



#25

Isophorone

Concen: 48.71 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.259 min

Lab File: BF123006.D

Acq: 19 Jan 2021 1:16

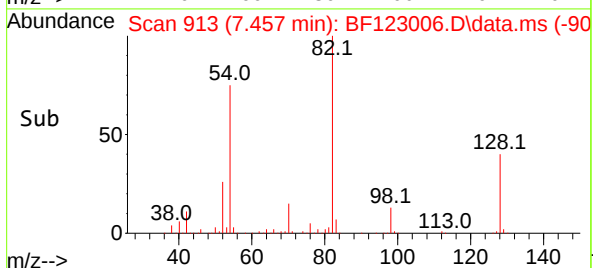
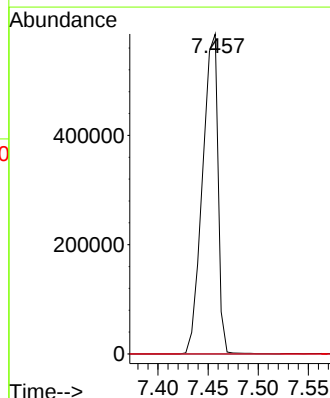
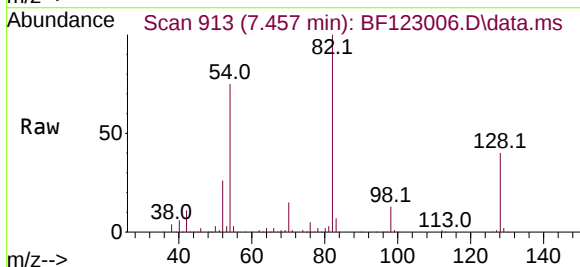
Tgt Ion: 82 Resp: 634388

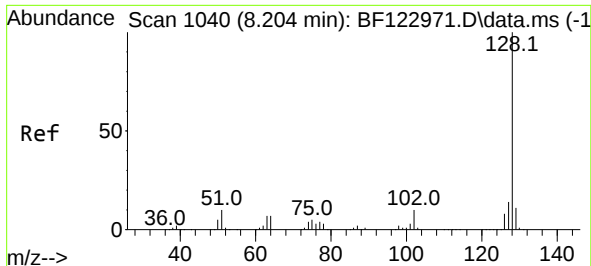
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

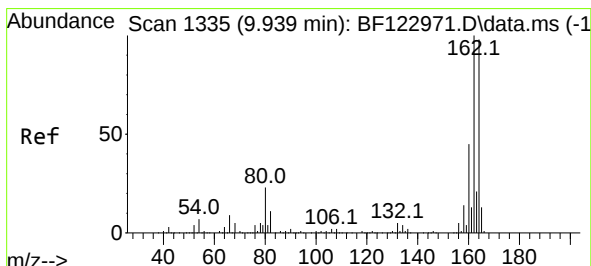
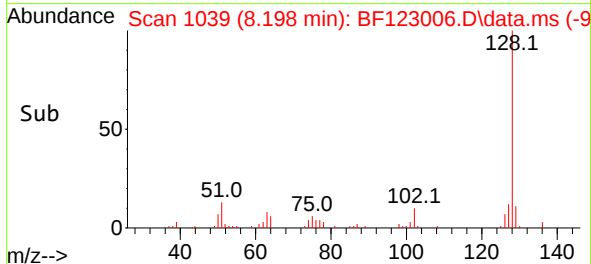
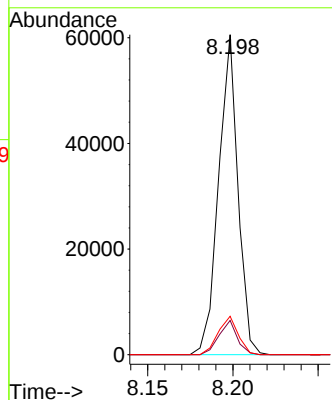
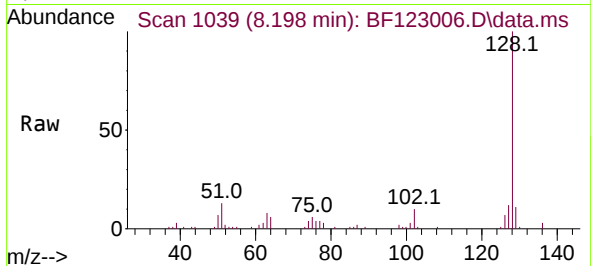




#31
Naphthalene
Concen: 2.47 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

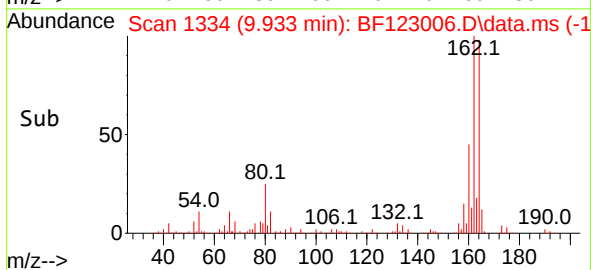
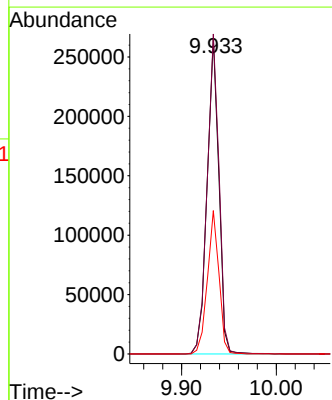
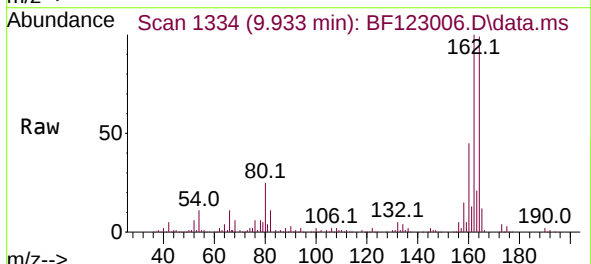
Instrument :
BNA_F
ClientSampleId :
MW-5

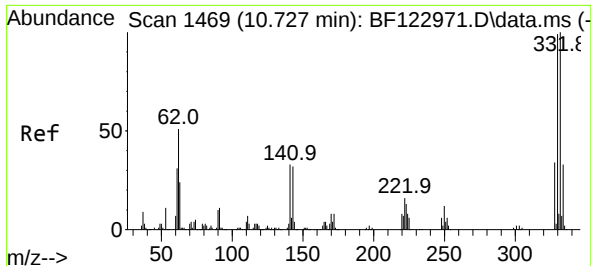
Tgt Ion:128 Resp: 47776
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.0 10.7 16.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

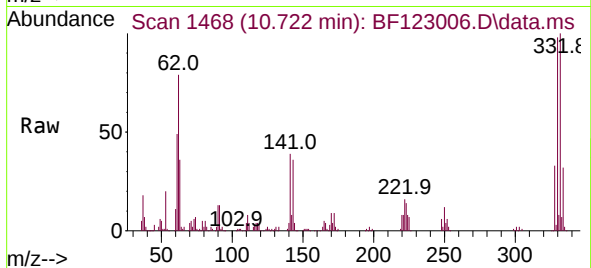
Tgt Ion:164 Resp: 228102
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.4 35.4 53.0



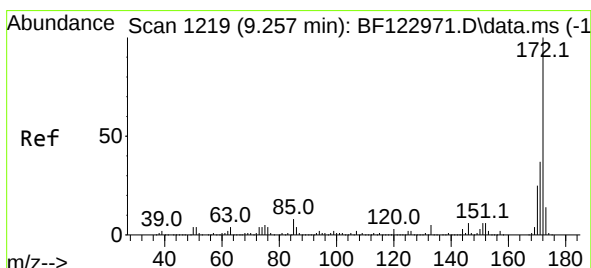
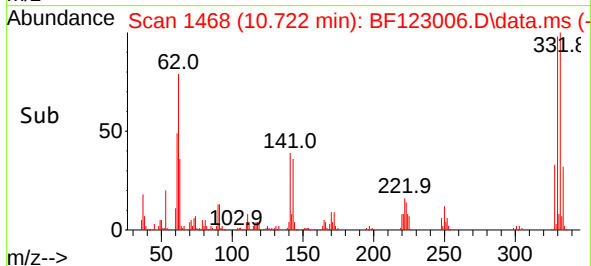
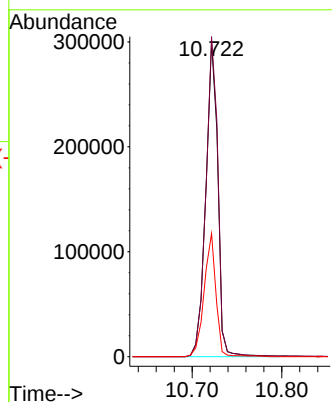


#42
2,4,6-Tribromophenol
Concen: 108.51 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Instrument :
BNA_F
ClientSampleId :
MW-5

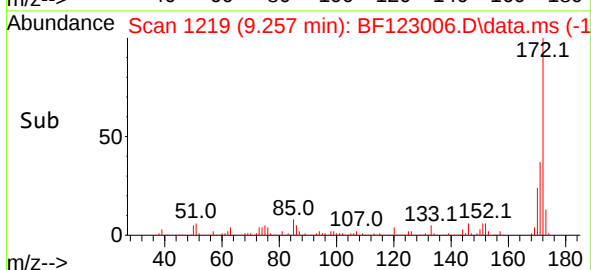
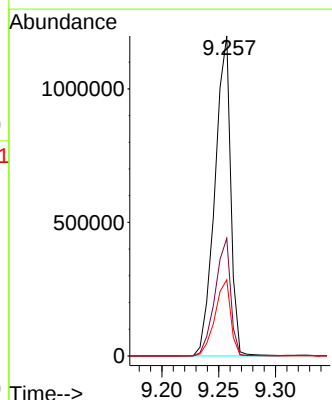
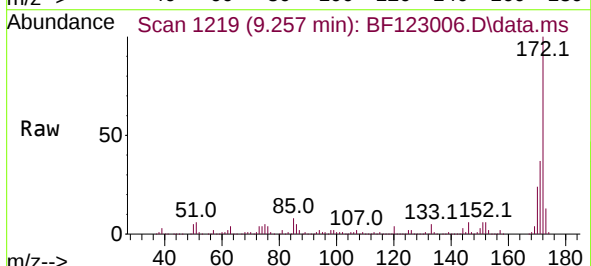


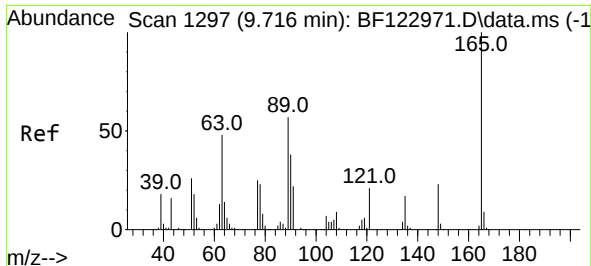
Tgt Ion: 330 Resp: 279891
Ion Ratio Lower Upper
330 100
332 101.8 77.5 116.3
141 38.5 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 71.21 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion: 172 Resp: 1159998
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.8 19.5 29.3

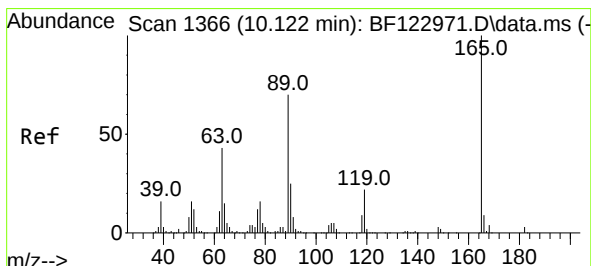
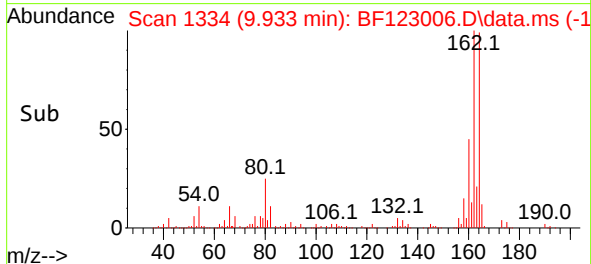
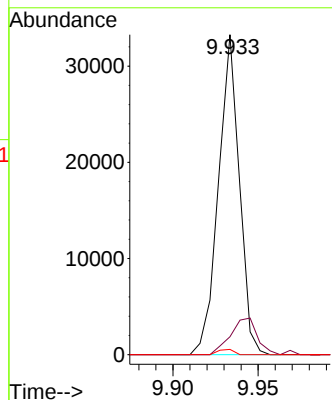
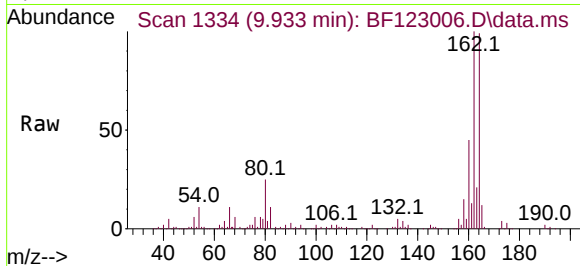




#51
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

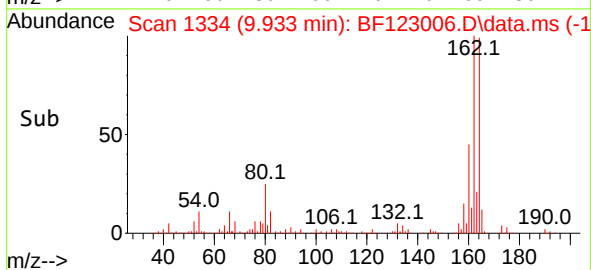
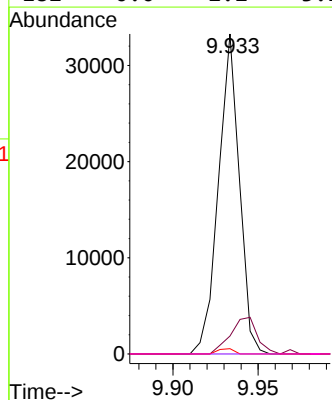
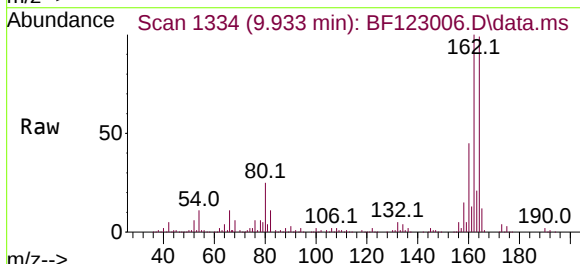
Instrument :
BNA_F
ClientSampled :
MW-5

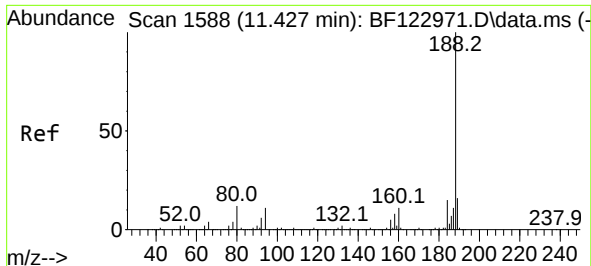
Tgt Ion:165 Resp: 28371
Ion Ratio Lower Upper
165 100
63 5.6 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion:165 Resp: 28371
Ion Ratio Lower Upper
165 100
63 5.6 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

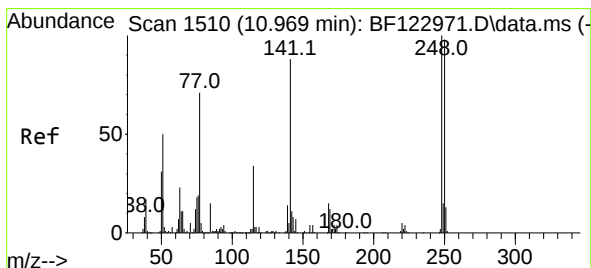
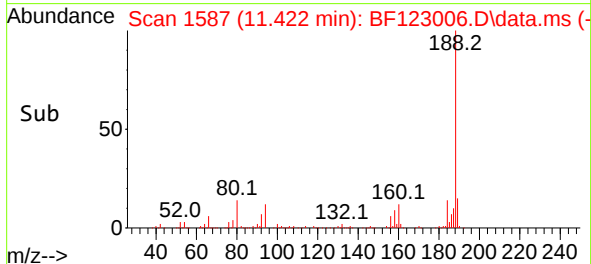
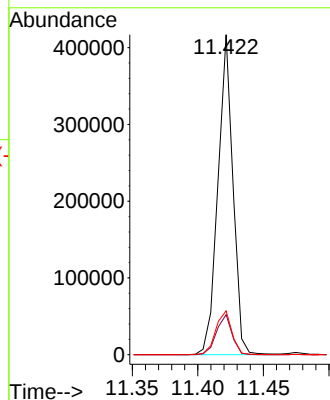
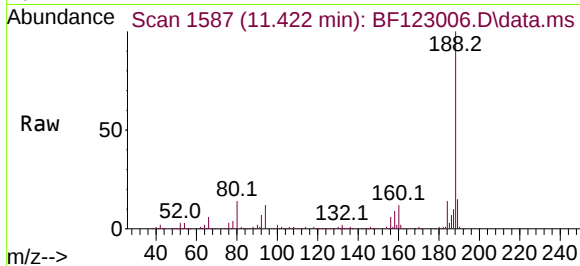




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

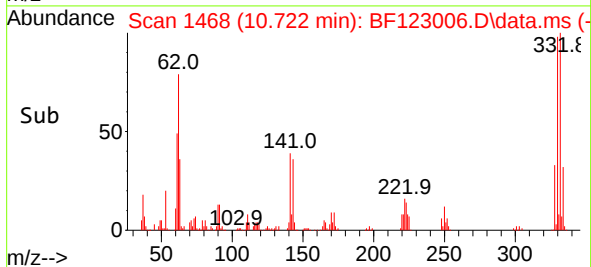
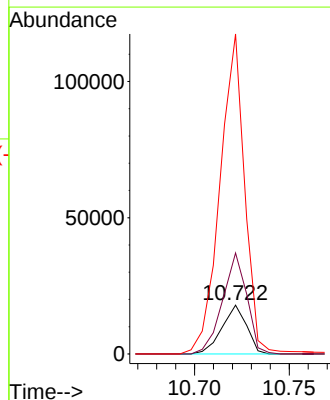
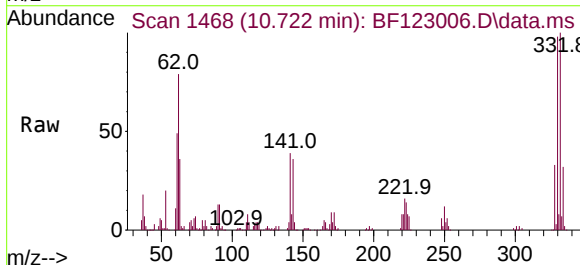
Instrument :
BNA_F
ClientSampled :
MW-5

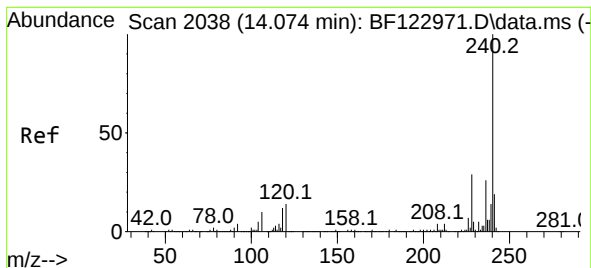
Tgt Ion:188 Resp: 332097
Ion Ratio Lower Upper
188 100
94 12.5 7.4 11.2#
80 13.7 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion:248 Resp: 16231
Ion Ratio Lower Upper
248 100
250 206.8 76.8 115.2#
141 655.1 59.8 89.8#

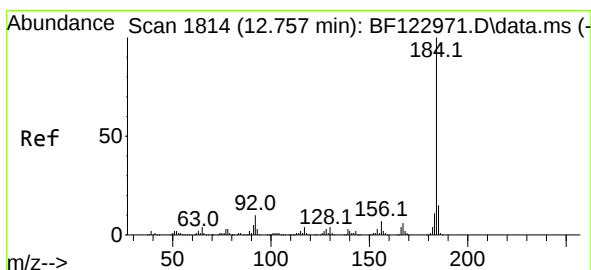
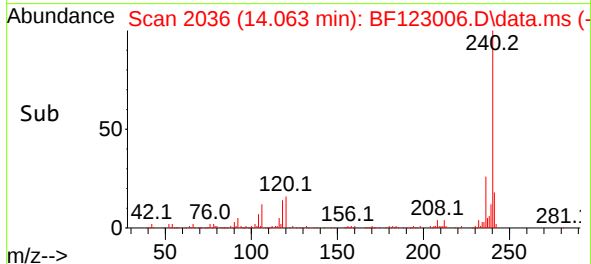
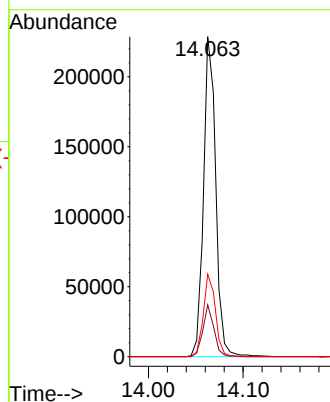
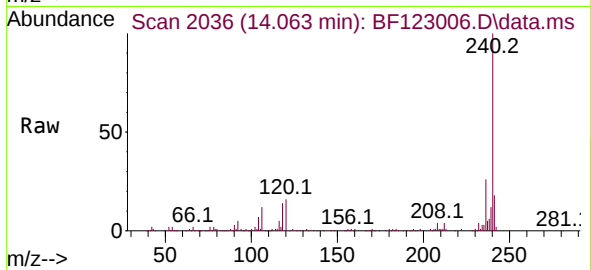




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

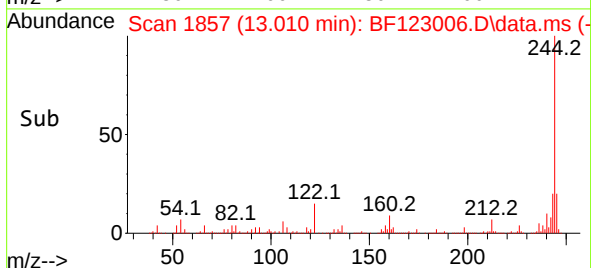
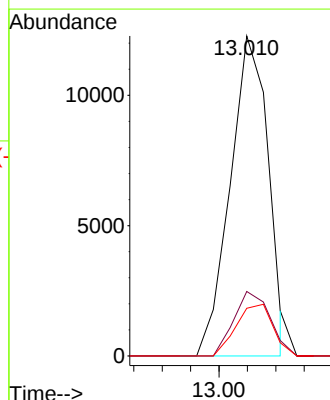
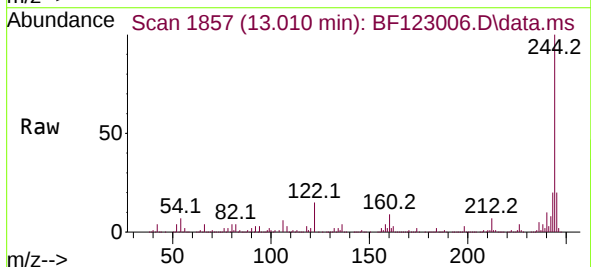
Instrument :
BNA_F
ClientSampled :
MW-5

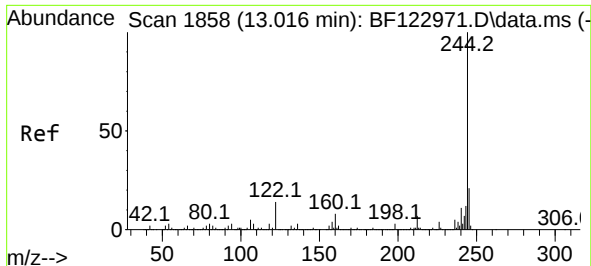
Tgt Ion:240 Resp: 204435
Ion Ratio Lower Upper
240 100
120 16.2 8.6 12.8#
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.12 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF123006.D
Acq: 19 Jan 2021 1:16

Tgt Ion:184 Resp: 11450
Ion Ratio Lower Upper
184 100
185 20.2 11.8 17.6#
183 14.9 9.7 14.5#

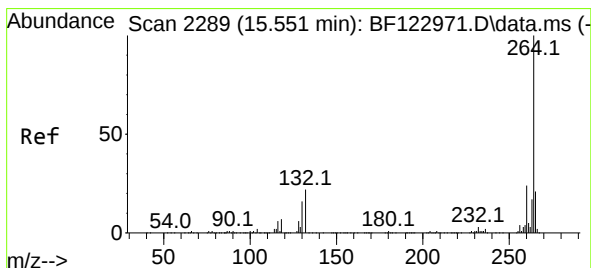
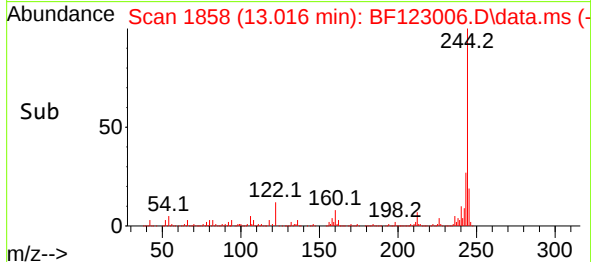
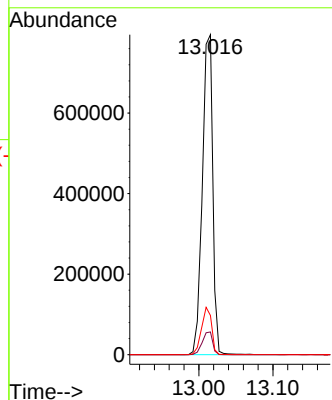
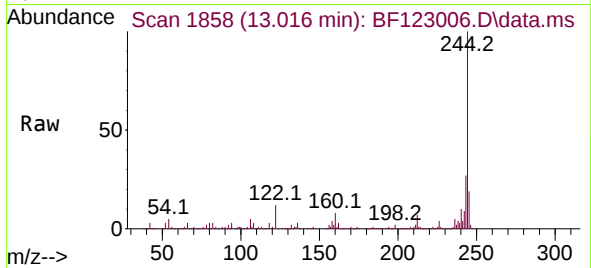




#79
 Terphenyl-d14
 Concen: 69.99 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BF123006.D
 Acq: 19 Jan 2021 1:16

Instrument :
 BNA_F
 ClientSampled :
 MW-5

Tgt Ion:244 Resp: 780354
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF123006.D
 Acq: 19 Jan 2021 1:16

Tgt Ion:264 Resp: 236203
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 28.0
 265 20.6 17.0 25.6

