

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135711.D
 Acq On : 11 Oct 2023 14:09
 Operator : CG\JU
 Sample : 04656-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103D

Quant Time: Oct 12 00:47:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

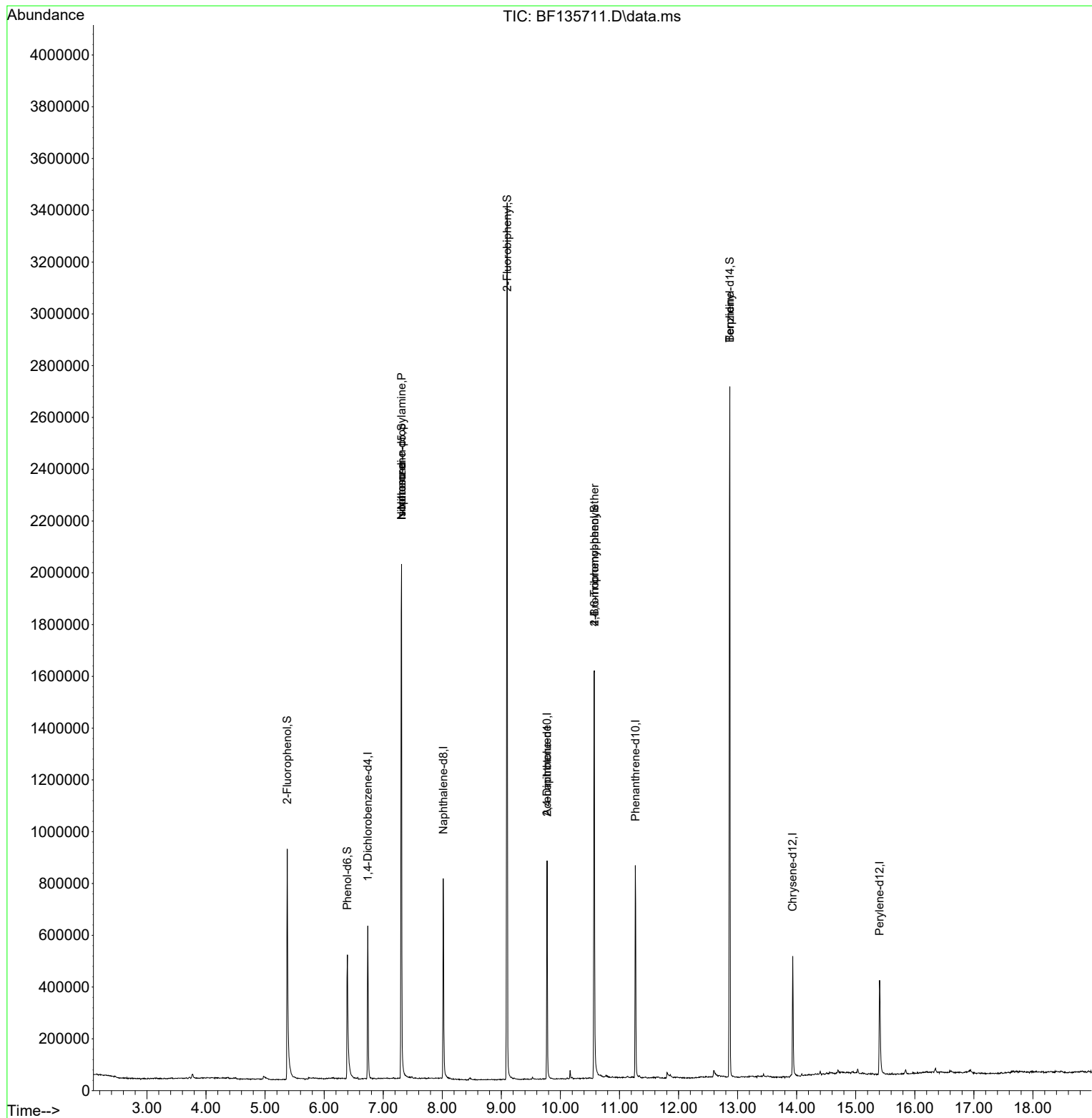
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87626	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	356248	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	166433	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	326049	20.000	ng	0.00
76) Chrysene-d12	13.933	240	163387	20.000	ng	0.00
86) Perylene-d12	15.404	264	197488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	307350	57.048	ng	0.00
7) Phenol-d6	6.393	99	232902	33.997	ng	0.00
23) Nitrobenzene-d5	7.310	82	652538	99.515	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	218611	132.176	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1089136	98.731	ng	0.00
79) Terphenyl-d14	12.869	244	982178	93.188	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.310	70	88941	20.961	ng	# 79
25) Isophorone	7.310	82	652538	54.194	ng	# 65
57) 2,4-Dinitrotoluene	9.775	165	21097	6.836	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	13629	4.203	ng	# 1
77) Benzidine	12.869	184	12295	3.673	ng	# 96

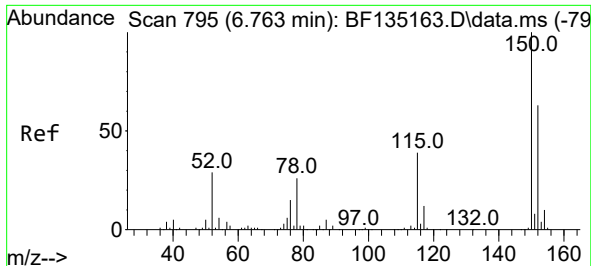
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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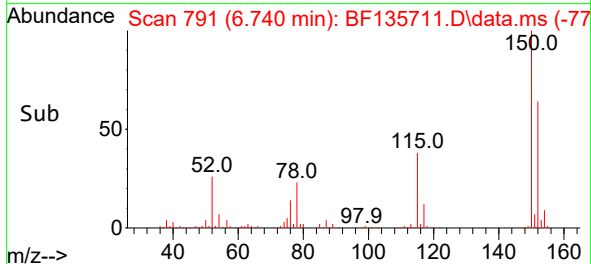
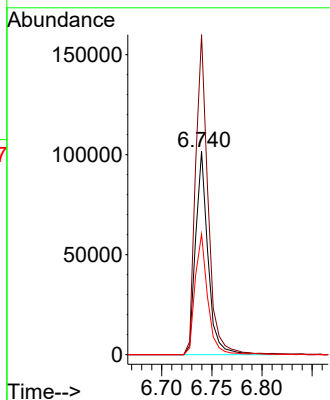
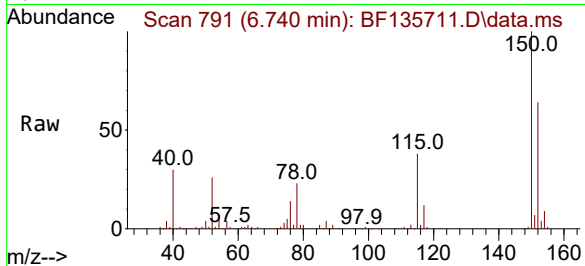




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

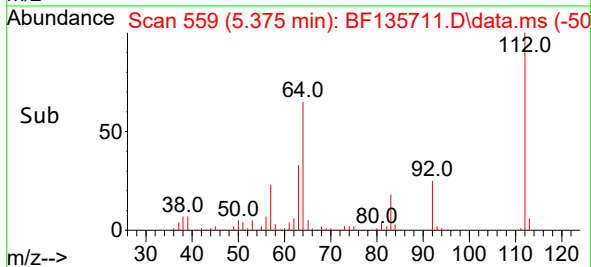
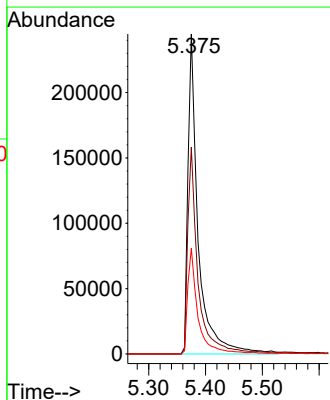
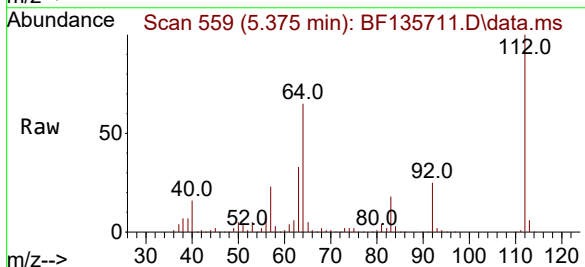
Instrument :
BNA_F
ClientSampleId :
MW-103D

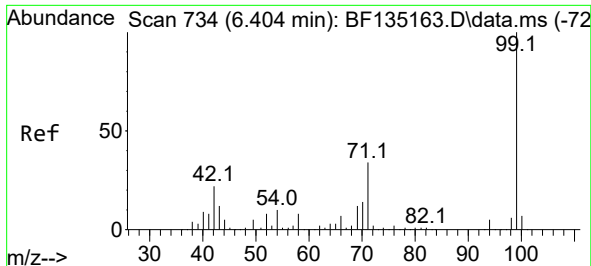
Tgt Ion:152 Resp: 87626
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 57.048 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion:112 Resp: 307350
Ion Ratio Lower Upper
112 100
64 64.6 55.9 83.9
63 33.1 29.0 43.6

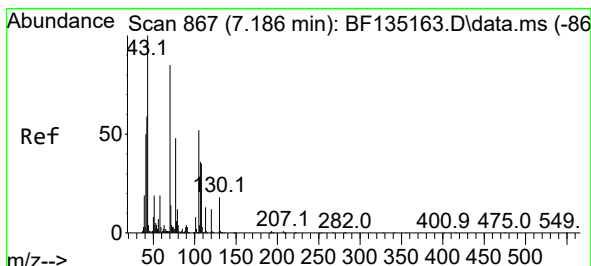
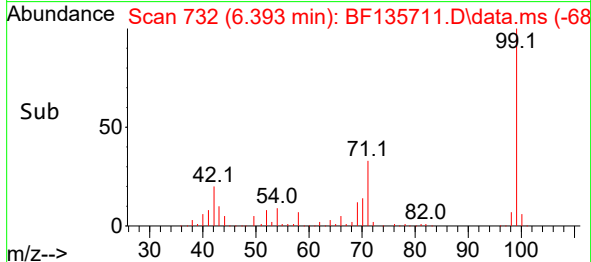
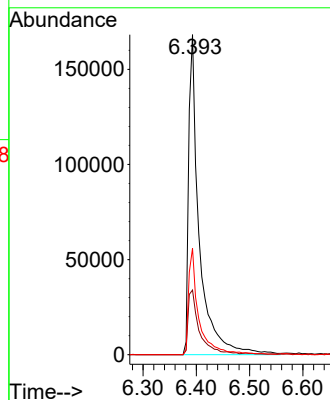
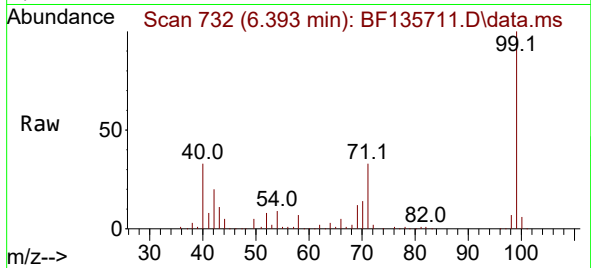




#7
Phenol-d6
Concen: 33.997 ng
RT: 6.393 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

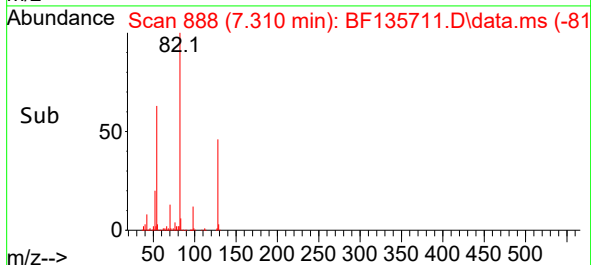
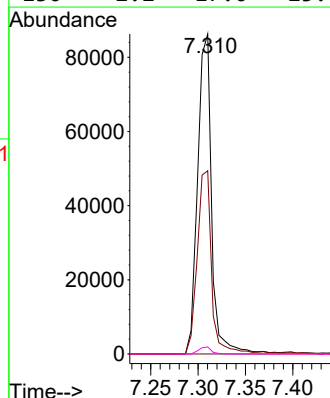
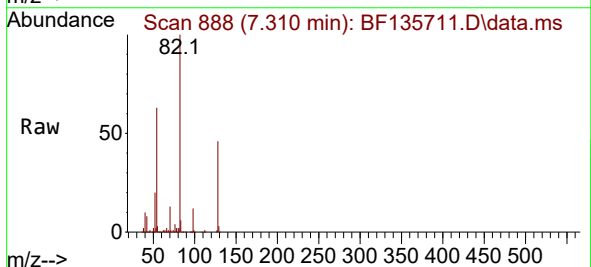
Instrument :
BNA_F
ClientSampleId :
MW-103D

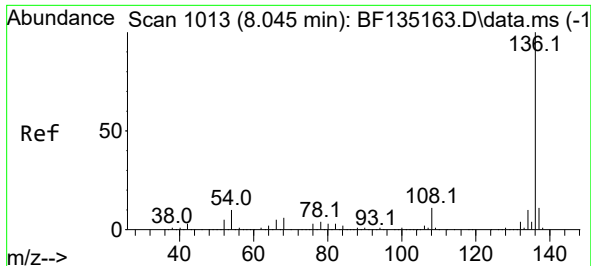
Tgt Ion: 99 Resp: 232902
Ion Ratio Lower Upper
99 100
42 20.2 17.9 26.9
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.961 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion: 70 Resp: 88941
Ion Ratio Lower Upper
70 100
42 57.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

Instrument :

BNA_F

ClientSampleId :

MW-103D

Tgt Ion:136 Resp: 356248

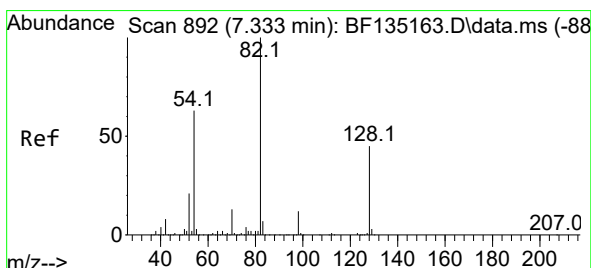
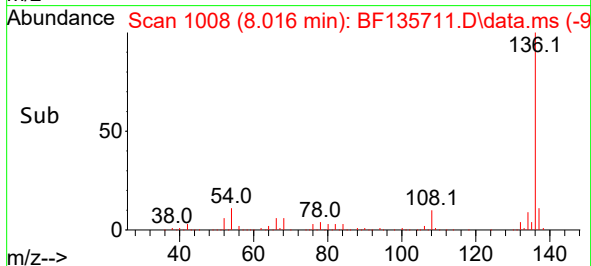
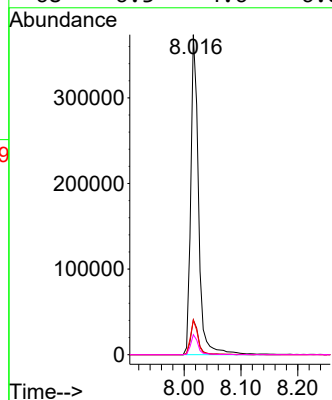
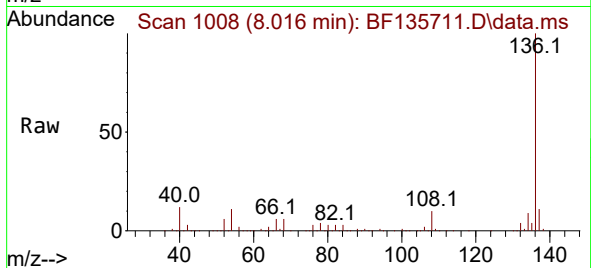
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.8 7.7 11.5

68 6.3 4.6 6.8



#23

Nitrobenzene-d5

Concen: 99.515 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

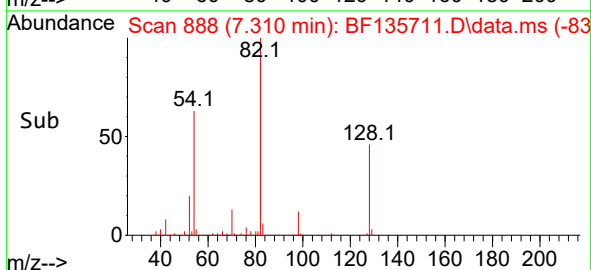
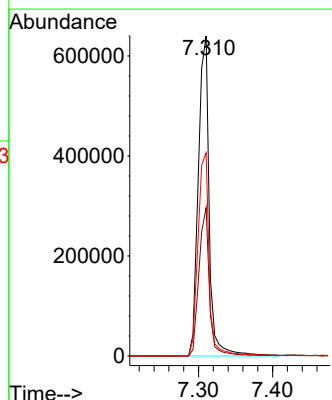
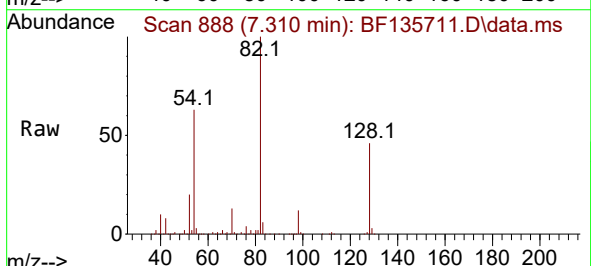
Tgt Ion: 82 Resp: 652538

Ion Ratio Lower Upper

82 100

128 46.4 35.8 53.6

54 63.4 50.6 76.0

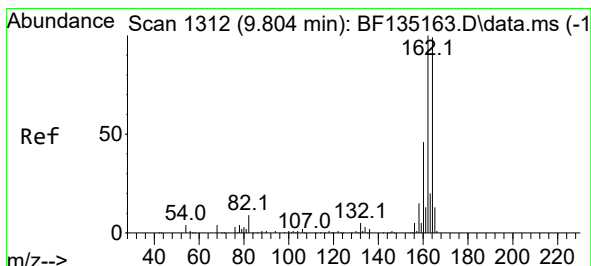
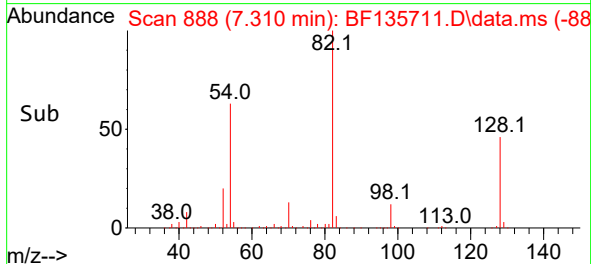
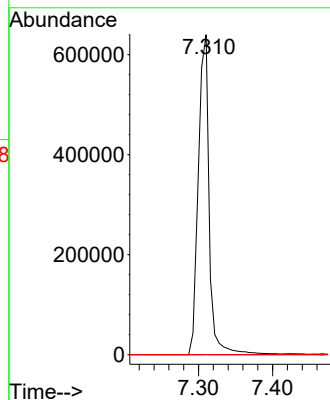
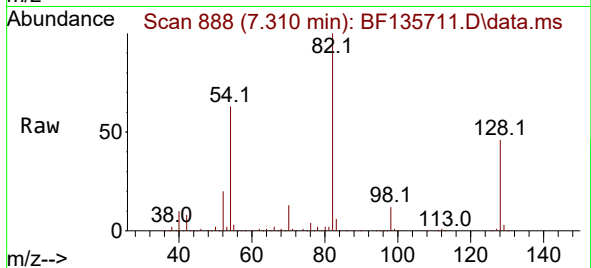




#25
Isophorone
Concen: 54.194 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

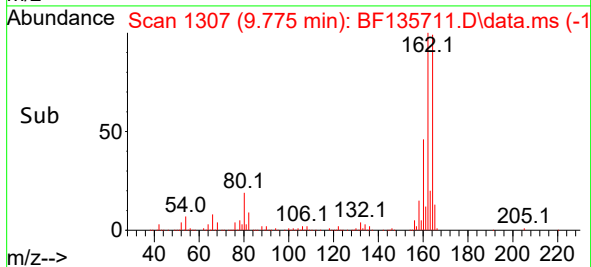
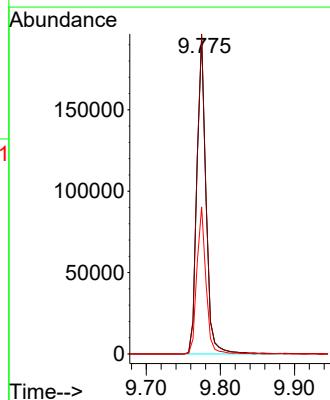
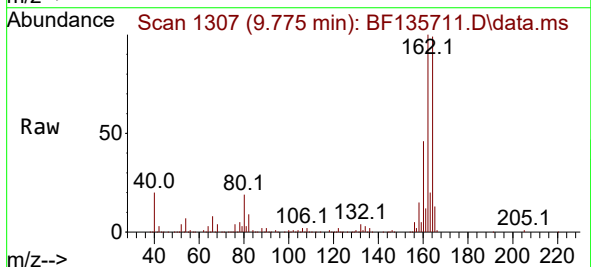
Instrument :
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ClientSampleId :
MW-103D

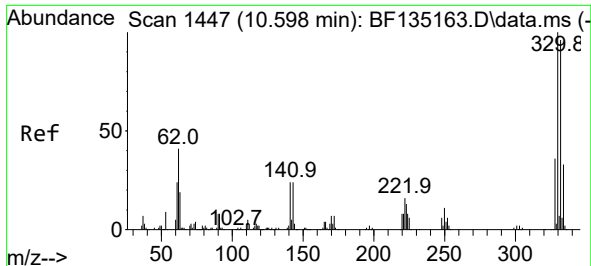
Tgt Ion: 82 Resp: 652538
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

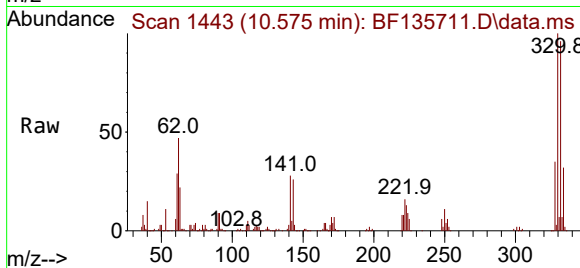
Tgt Ion:164 Resp: 166433
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 46.4 37.0 55.4





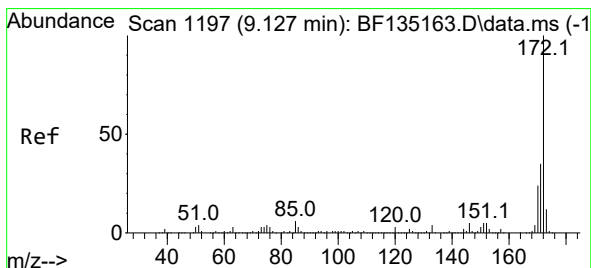
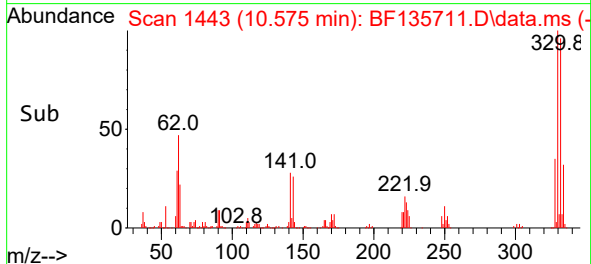
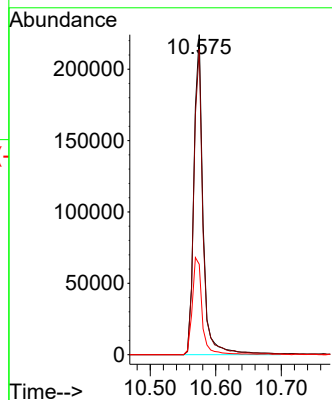
#42
 2,4,6-Tribromophenol
 Concen: 132.176 ng
 RT: 10.575 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BF135711.D
 Acq: 11 Oct 2023 14:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-103D



Tgt Ion:330 Resp: 218611

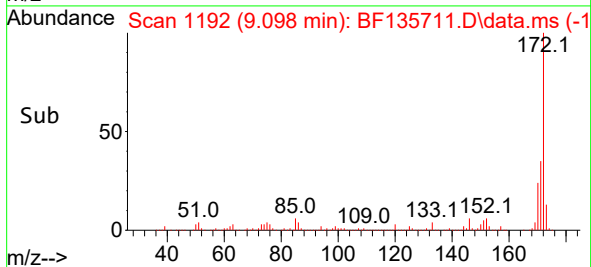
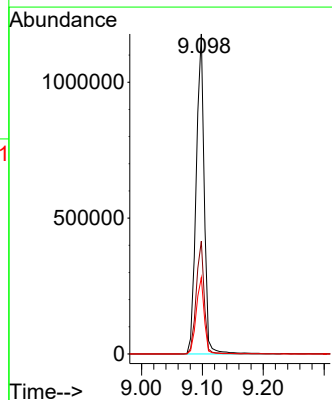
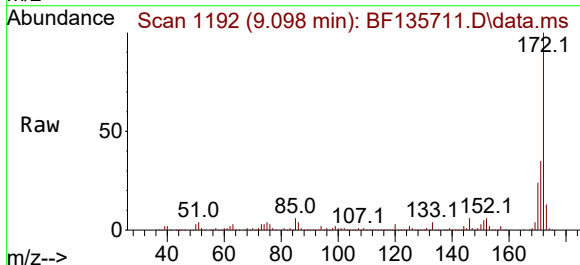
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.5	25.8	38.8

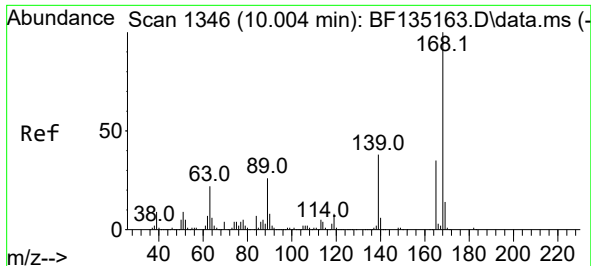


#45
 2-Fluorobiphenyl
 Concen: 98.731 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135711.D
 Acq: 11 Oct 2023 14:09

Tgt Ion:172 Resp: 1089136

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.9	19.0	28.4

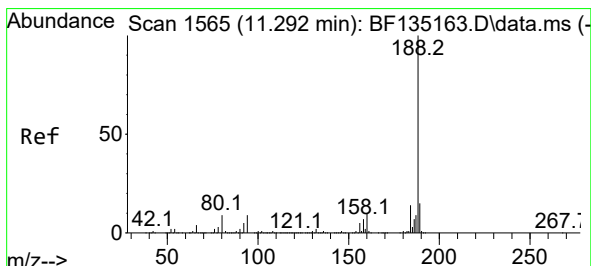
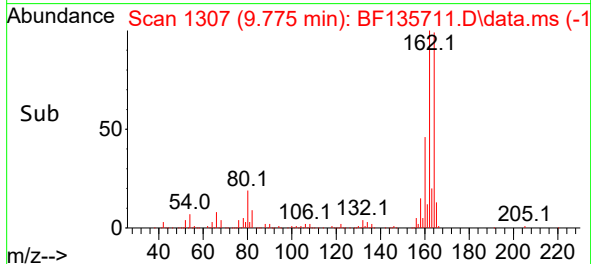
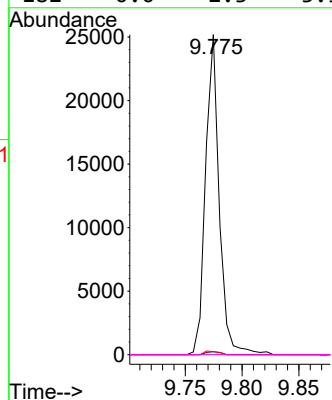
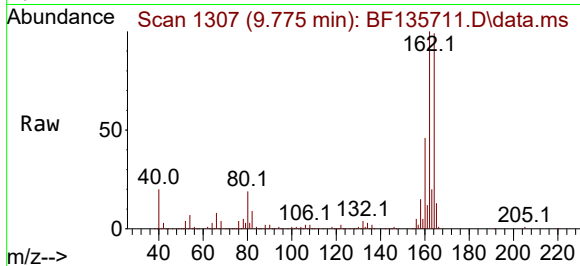




#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

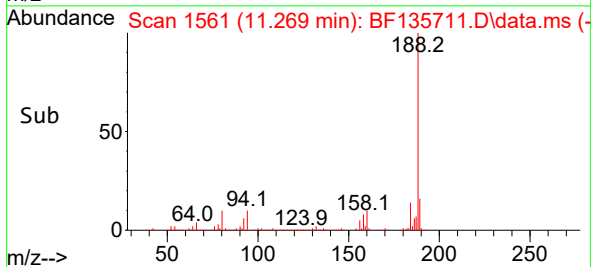
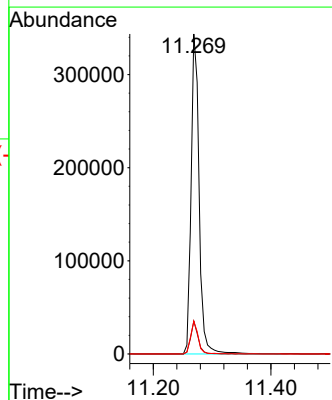
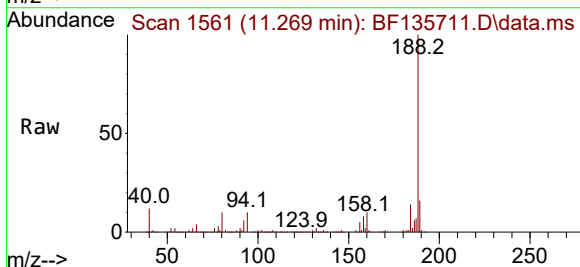
Instrument :
BNA_F
ClientSampleId :
MW-103D

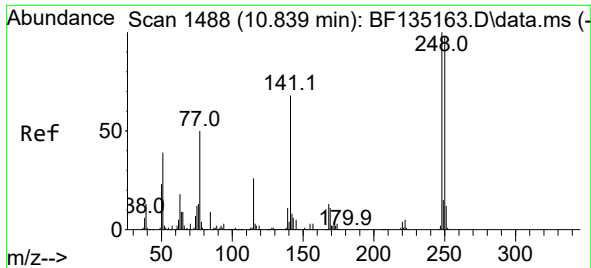
Tgt Ion:165 Resp: 21097
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion:188 Resp: 326049
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.2 7.5 11.3

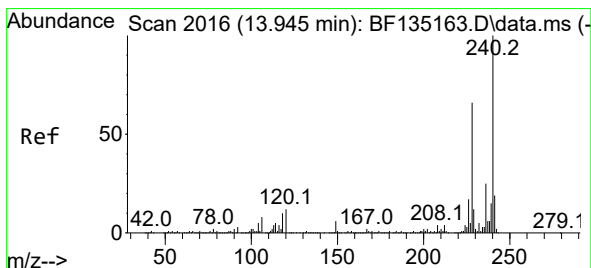
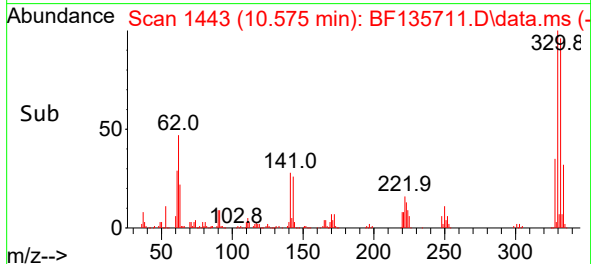
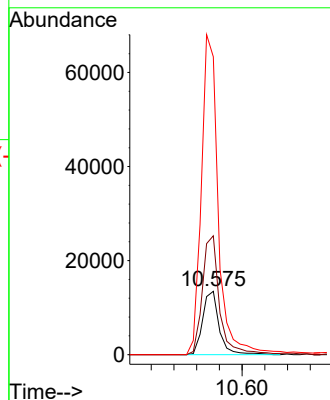
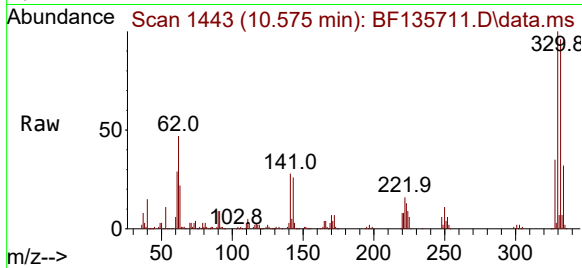




#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

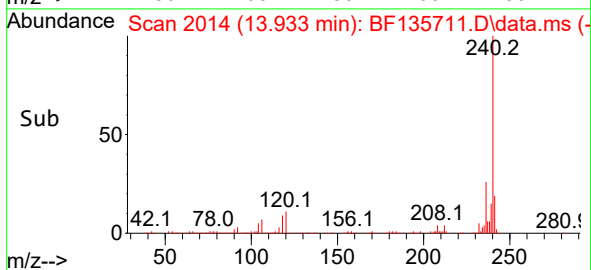
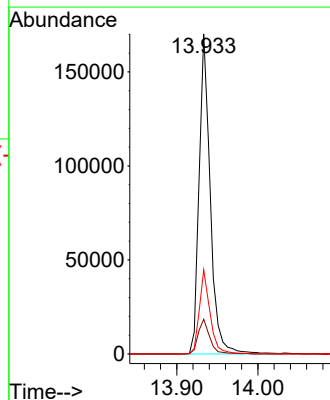
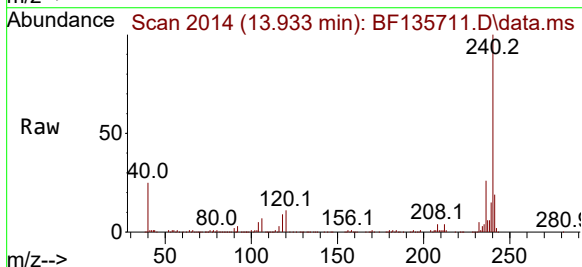
Instrument :
BNA_F
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MW-103D

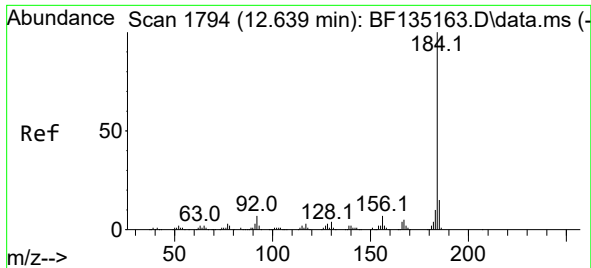
Tgt Ion:248 Resp: 13629
Ion Ratio Lower Upper
248 100
250 187.5 78.6 117.8#
141 469.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion:240 Resp: 163387
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.3 19.8 29.8

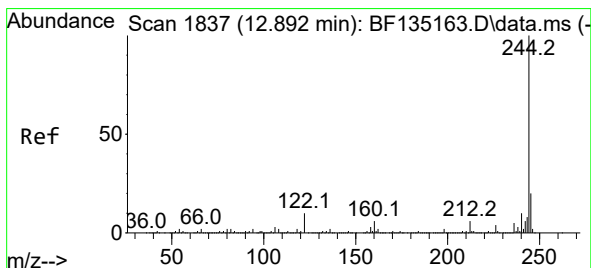
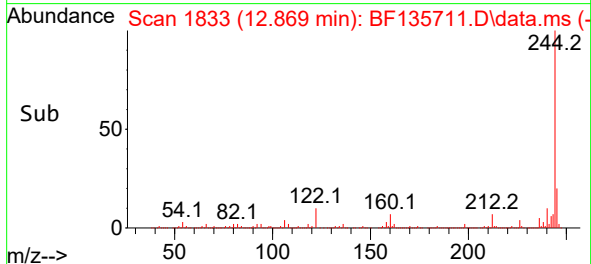
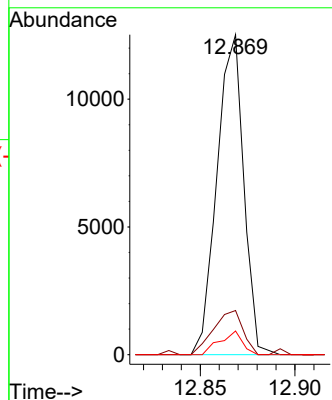
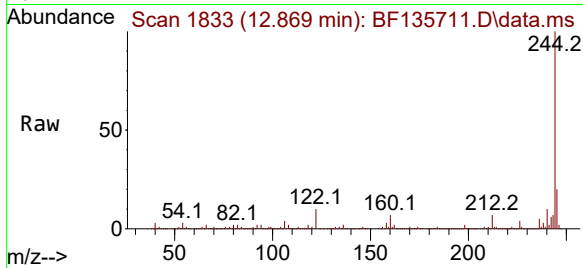




#77
Benzidine
Concen: 3.673 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

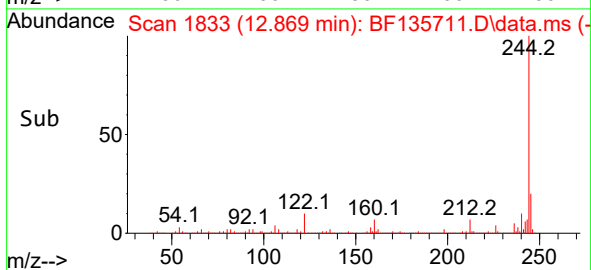
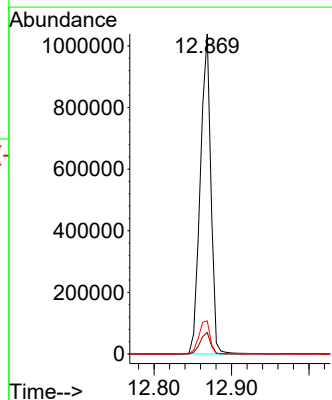
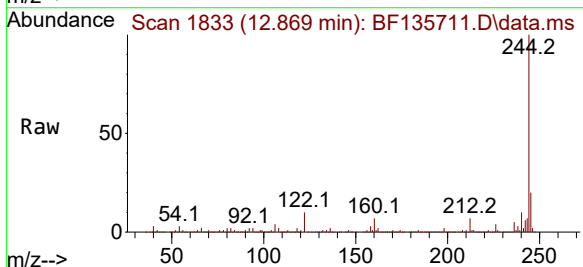
Instrument :
BNA_F
ClientSampleId :
MW-103D

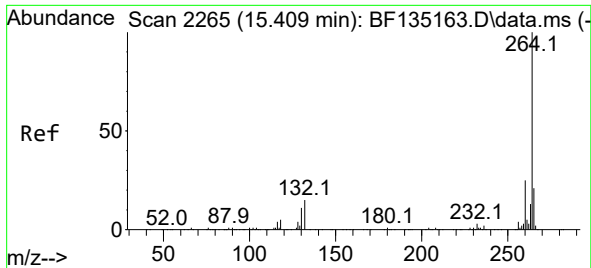
Tgt Ion:184 Resp: 12295
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 7.4 8.2 12.4#



#79
Terphenyl-d14
Concen: 93.188 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

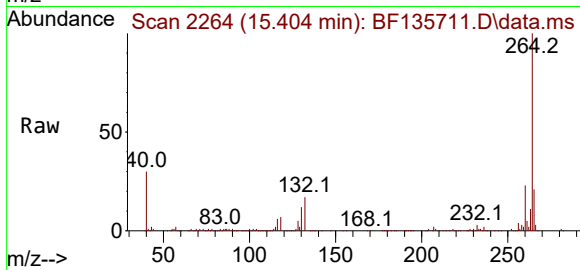
Tgt Ion:244 Resp: 982178
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.4 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Instrument :
BNA_F
ClientSampleId :
MW-103D



Tgt Ion:264 Resp: 197488

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.8	29.6
265	21.4	17.0	25.4

