

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061215\
 Data File : BF079935.D
 Acq On : 12 Jun 2015 14:41
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 12 22:46:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 12:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	148260	20.00	ng	0.01
21) Naphthalene-d8	10.25	136	219	20.00	ng	-0.07
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.21
63) Phenanthrene-d10	17.02	188	220	20.00	ng	0.06
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.16
86) Perylene-d12	0.00	264	0	0.00	ng	-23.35

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.60	82	304	91.59	ng	-0.09
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

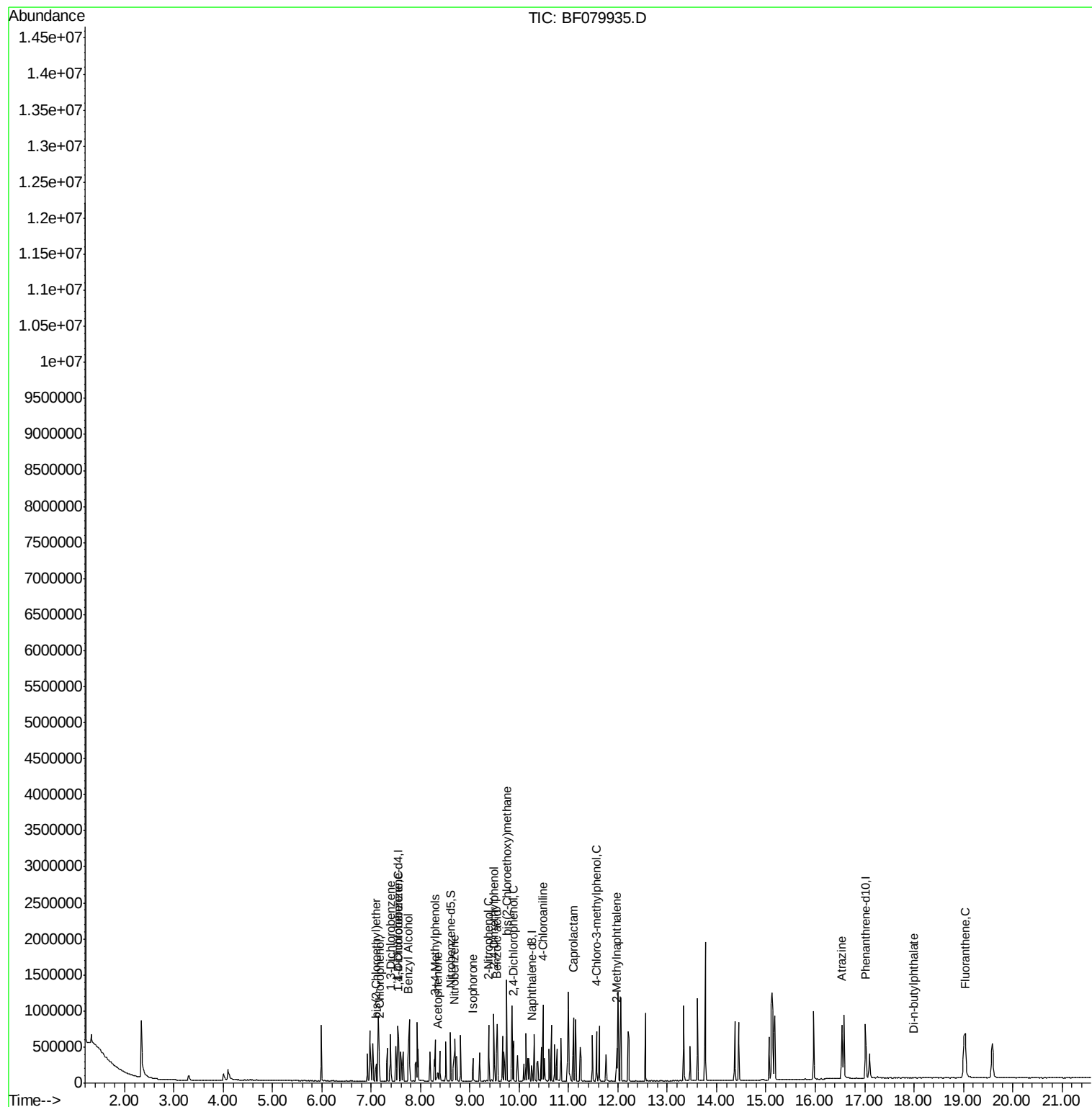
Target Compounds

						Qvalue
8) 2-Chlorophenol	7.16	128	107165	10.91	ng	88
11) bis(2-Chloroethyl)ether	7.10	93	102339	10.50	ng	90
12) 1,3-Dichlorobenzene	7.39	146	137621	12.00	ng	99
13) 1,4-Dichlorobenzene	7.55	146	134387	11.29	ng	96
15) Benzyl Alcohol	7.76	79	35558	4.03	ng	# 1
20) 3+4-Methylphenols	8.30	107	116466	10.61	ng	# 40
22) Acetophenone	8.35	105	67161	12985.27	ng	# 62
24) Nitrobenzene	8.68	77	15452	4376.25	ng	# 46
25) Isophorone	9.06	82	660	85.44	ng	# 67
26) 2-Nitrophenol	9.38	139	24824	18824.85	ng	# 69
27) 2,4-Dimethylphenol	9.48	122	217	62.68	ng	# 3
28) bis(2-Chloroethoxy)methane	9.75	93	2508	546.82	ng	# 1
29) 2,4-Dichlorophenol	9.88	162	232046	80035.92	ng	# 50
32) Benzoic acid	9.55	122	804	497.42	ng	# 1
33) 4-Chloroaniline	10.48	127	7051	1517.47	ng	# 64
35) Caprolactam	11.10	113	1254	1367.47	ng	# 1
36) 4-Chloro-3-methylphenol	11.56	107	20224	6105.91	ng	# 10
37) 2-Methylnaphthalene	11.98	142	294	36.35	ng	# 15
68) Atrazine	16.54	200	6017	2752.68	ng	# 43
73) Di-n-butylphthalate	17.99	149	211	15.74	ng	# 79
74) Fluoranthene	19.04	202	269	18.56	ng	# 1

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

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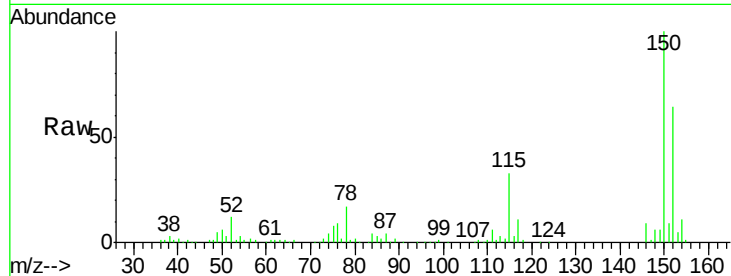


#1

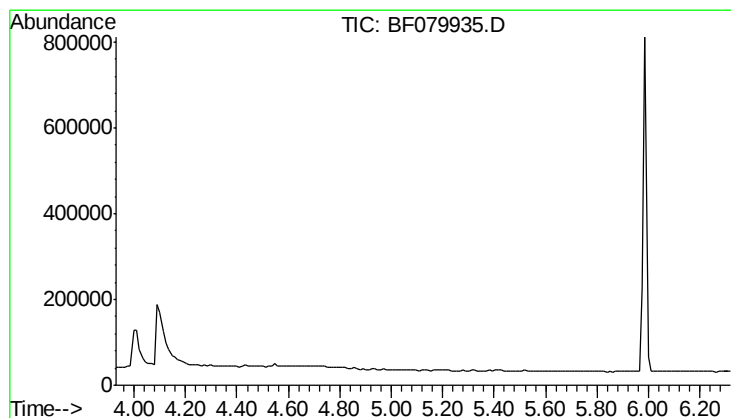
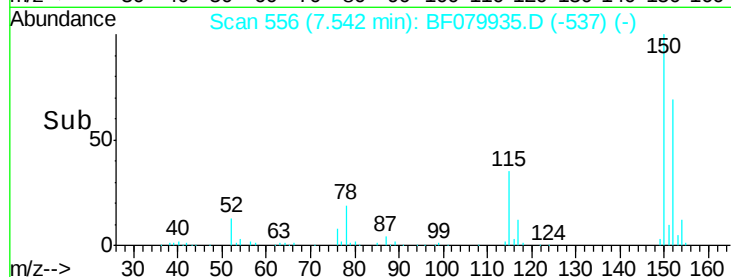
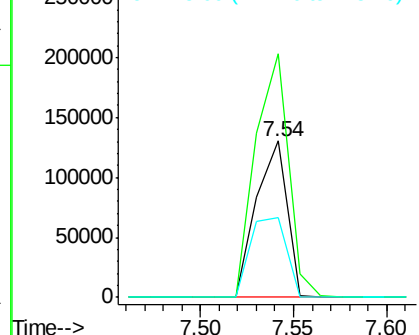
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 148260
Ion Ratio Lower Upper
152 100
150 155.6 131.0 196.4
115 51.3 49.8 74.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

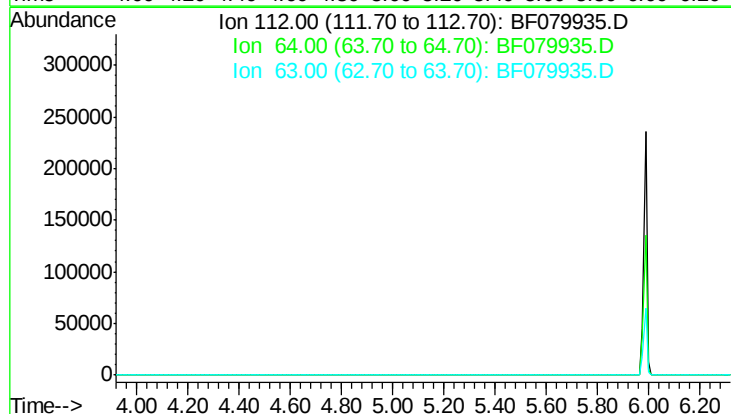


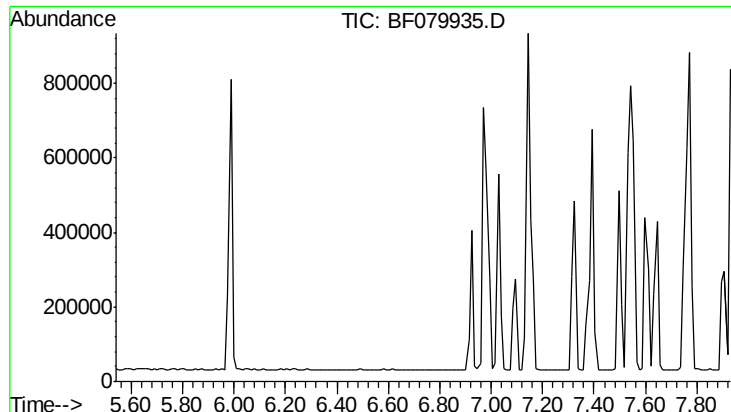
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.12 min

Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.1
63 34.9





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.74 min

Lab File: BF079935.D

Acq: 12 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

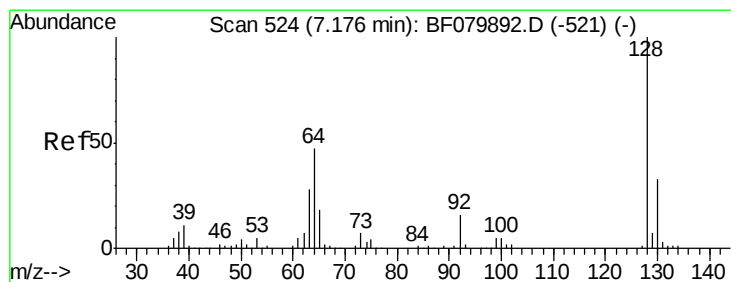
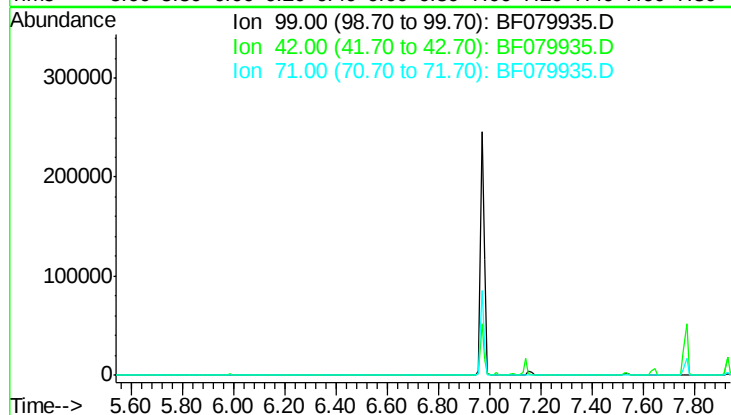
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.1

71 29.3



#8

2-Chlorophenol

Concen: 10.91 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.06 min

Lab File: BF079935.D

Acq: 12 Jun 2015 14:41

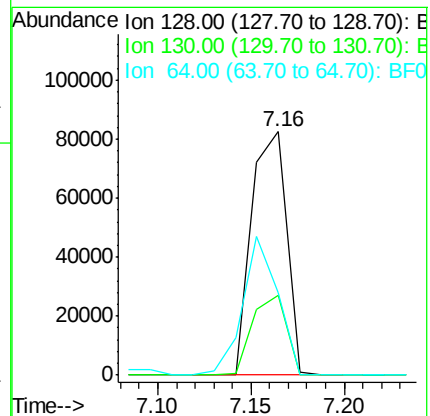
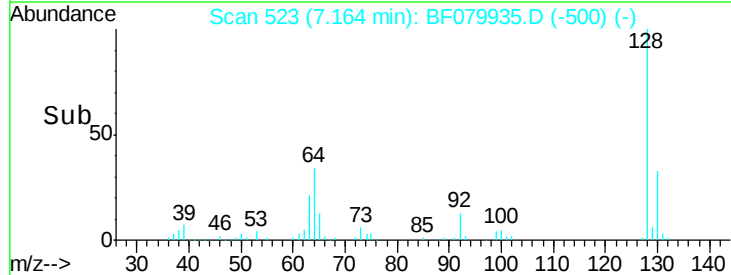
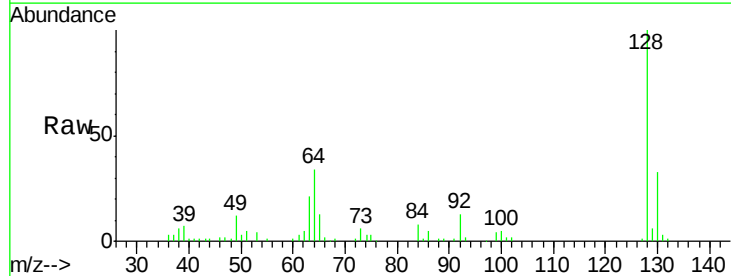
Tgt Ion:128 Resp: 107165

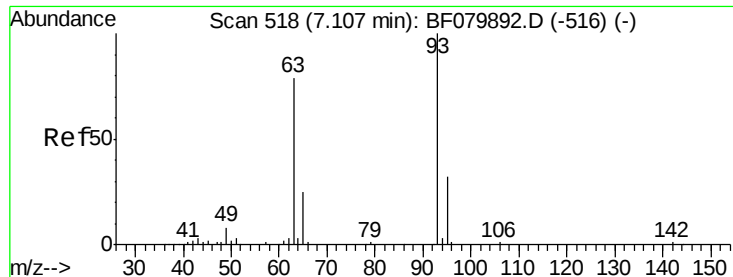
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 33.8 26.8 66.8

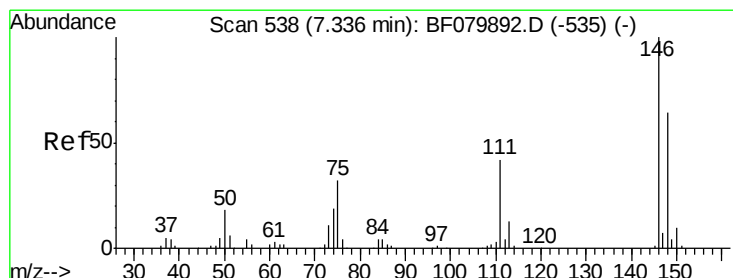
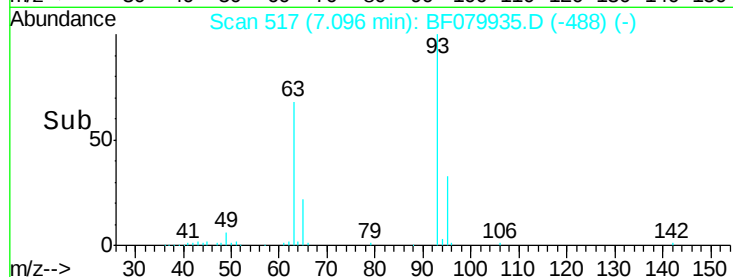
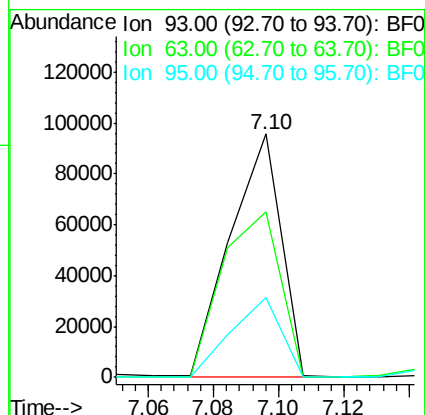
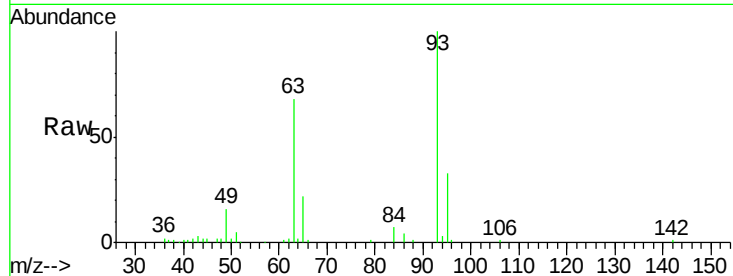




#11
bis(2-Chloroethyl)ether
Concen: 10.50 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.13 min
Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

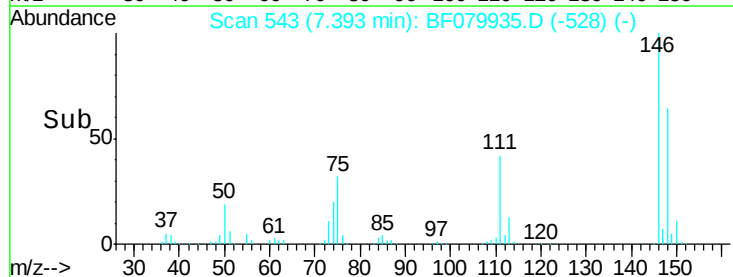
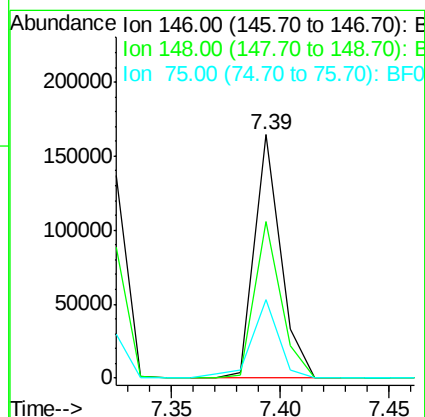
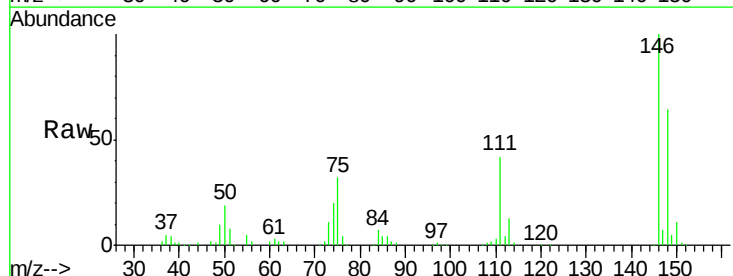
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

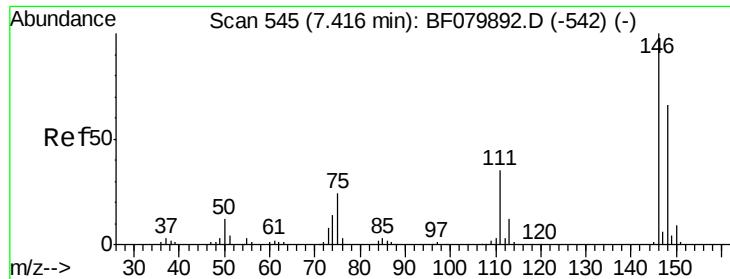
Tgt Ion: 93 Resp: 102339
Ion Ratio Lower Upper
93 100
63 67.9 58.7 98.7
95 32.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 12.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

Tgt Ion: 146 Resp: 137621
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 32.4 25.8 38.6

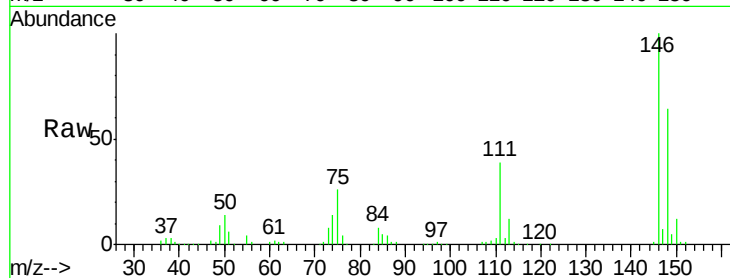




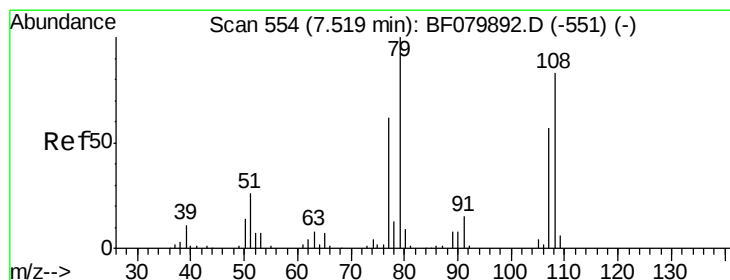
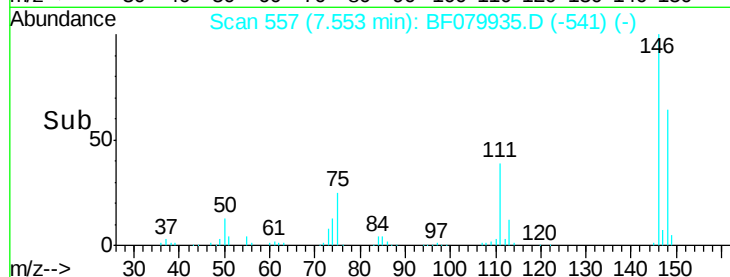
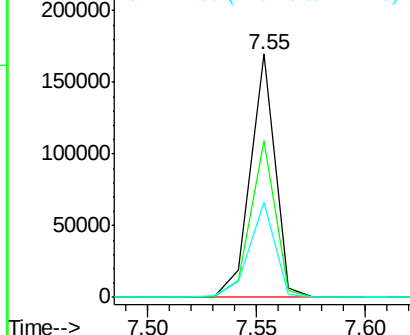
#13
 1,4-Dichlorobenzene
 Concen: 11.29 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF079935.D
 Acq: 12 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 146 Resp: 134387
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.0 79.6
 111 39.1 28.2 42.2

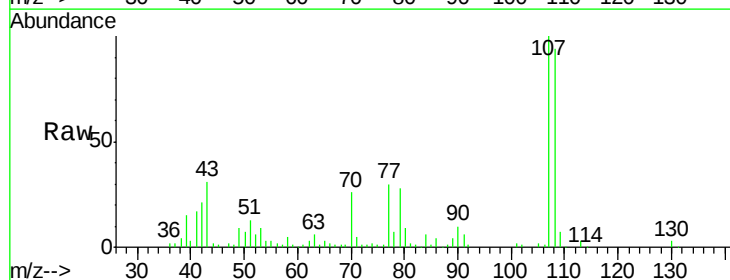


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

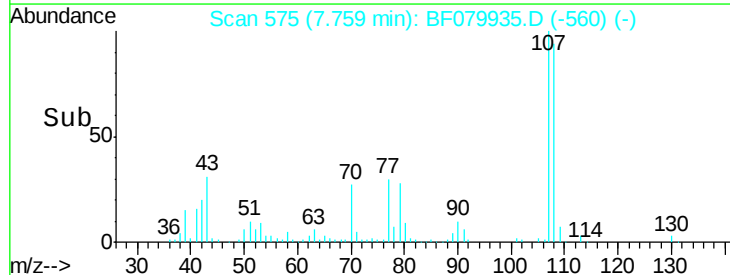
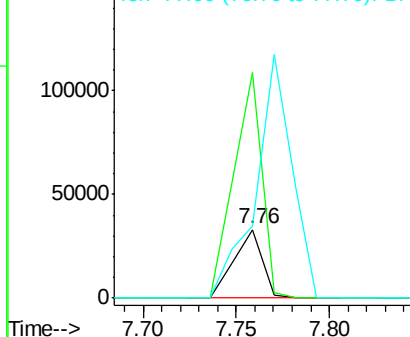


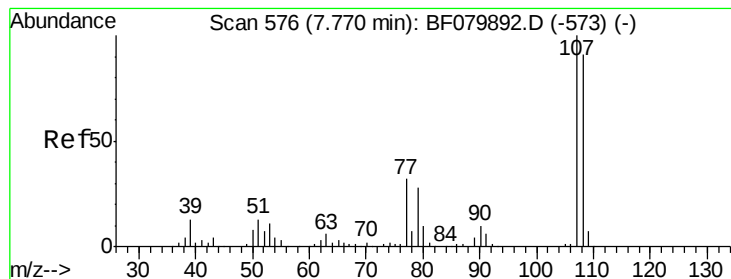
#15
 Benzyl Alcohol
 Concen: 4.03 ng
 RT: 7.76 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF079935.D
 Acq: 12 Jun 2015 14:41

Tgt Ion: 79 Resp: 35558
 Ion Ratio Lower Upper
 79 100
 108 330.0 66.4 99.6#
 77 105.9 49.4 74.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#20

3+4-Methylphenols

Concen: 10.61 ng

RT: 8.30 min Scan# 622

Delta R.T. -0.04 min

Lab File: BF079935.D

Acq: 12 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 116466

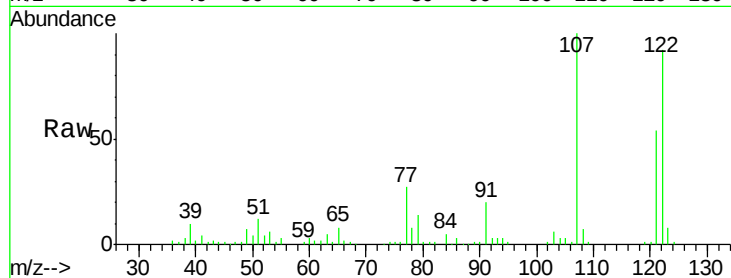
Ion Ratio Lower Upper

107 100

108 7.4 71.1 111.1#

77 26.7 12.2 52.2

79 14.0 8.5 48.5

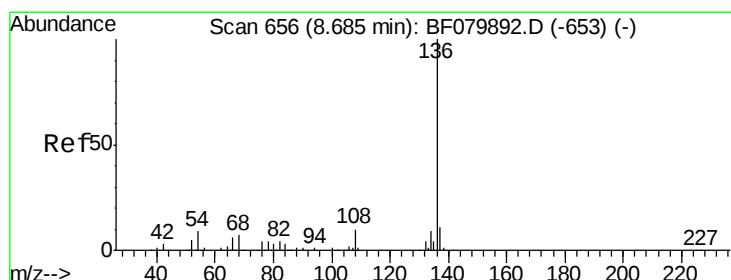
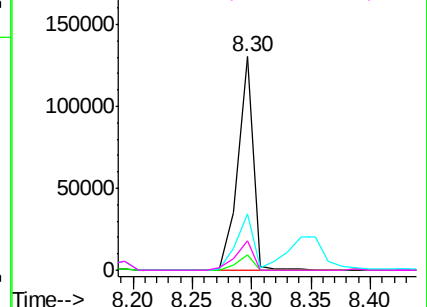
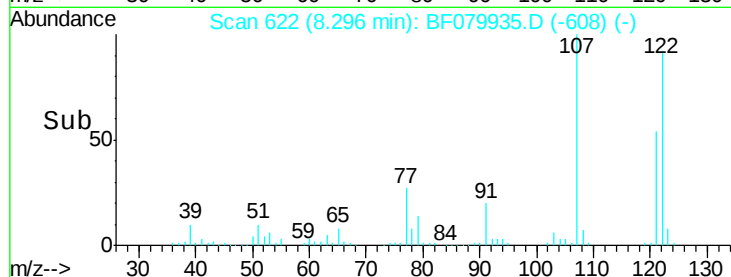


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.07 min

Lab File: BF079935.D

Acq: 12 Jun 2015 14:41

Tgt Ion:136 Resp: 219

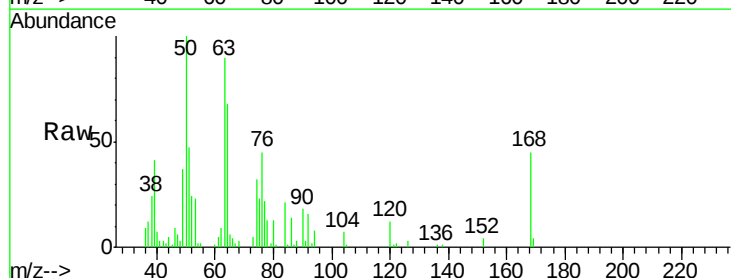
Ion Ratio Lower Upper

136 100

137 0.0 8.7 13.1#

54 172.4 7.3 10.9#

68 281.5 5.9 8.9#

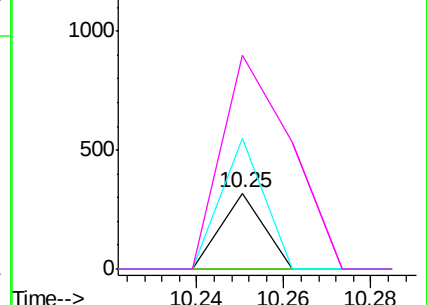
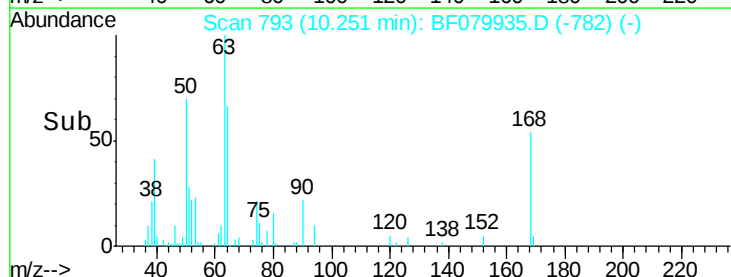


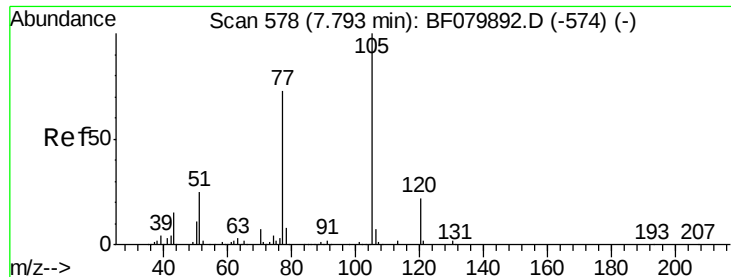
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

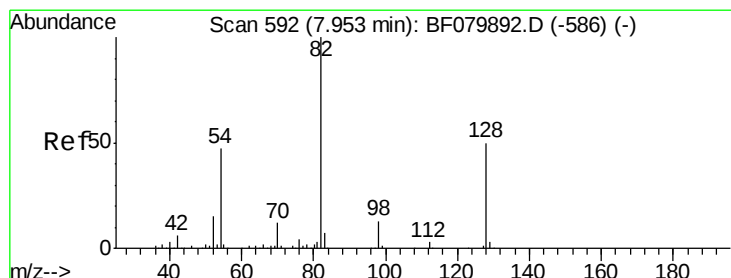
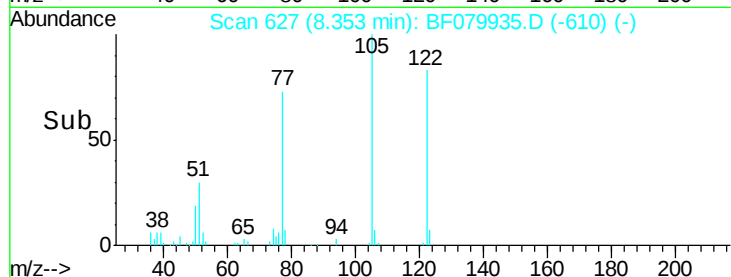
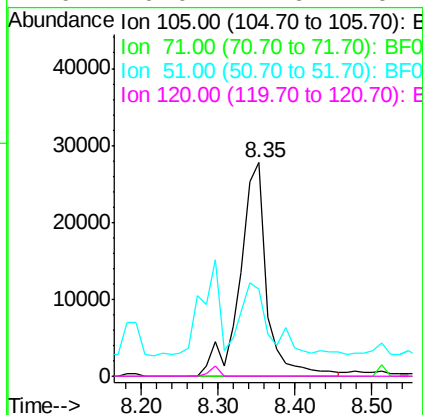
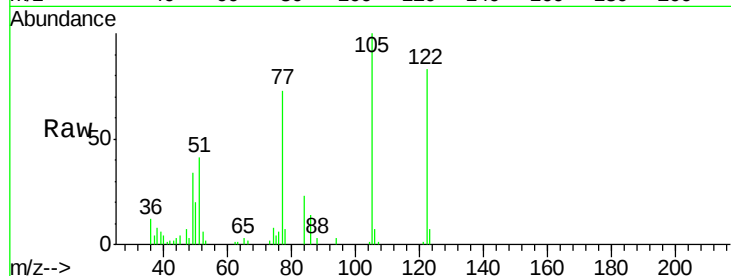




#22
Acetophenone
Concen: 12985.27 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

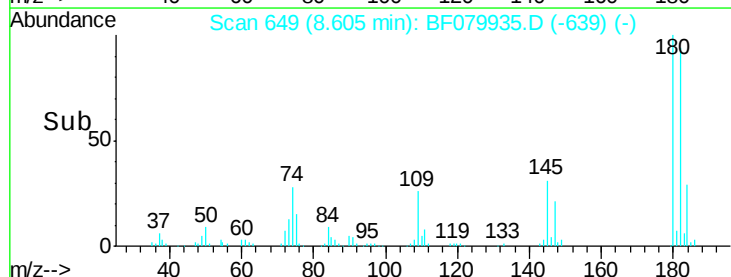
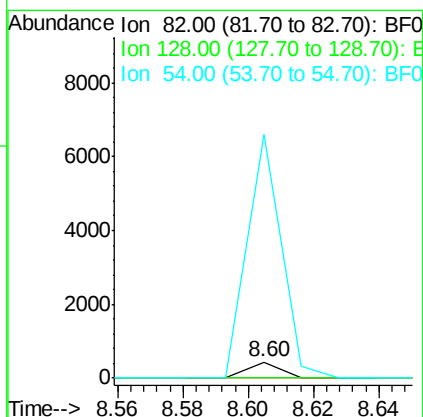
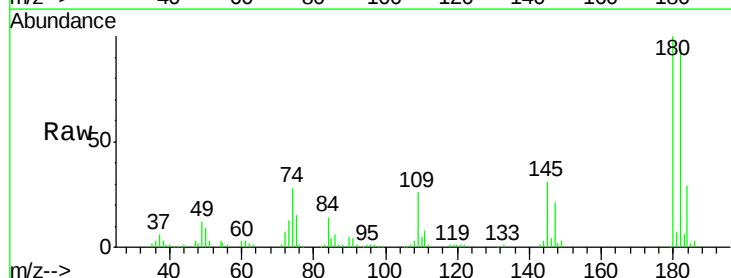
Instrument :
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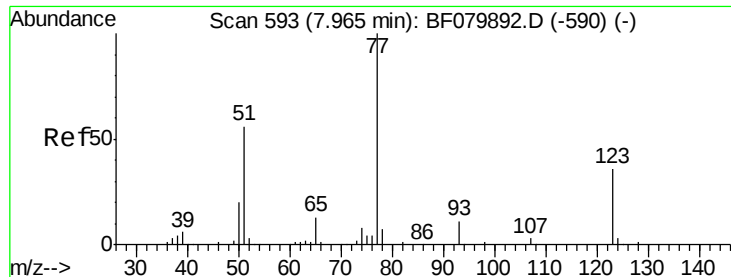
Tgt Ion: 105 Resp: 67161
Ion Ratio Lower Upper
105 100
71 0.0 1.0 1.4#
51 40.6 19.8 29.6#
120 0.0 17.6 26.4#



#23
Nitrobenzene-d5
Concen: 91.59 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.09 min
Lab File: BF079935.D
Acq: 12 Jun 2015 14:41

Tgt Ion: 82 Resp: 304
Ion Ratio Lower Upper
82 100
128 0.0 40.3 60.5#
54 1485.6 38.0 57.0#

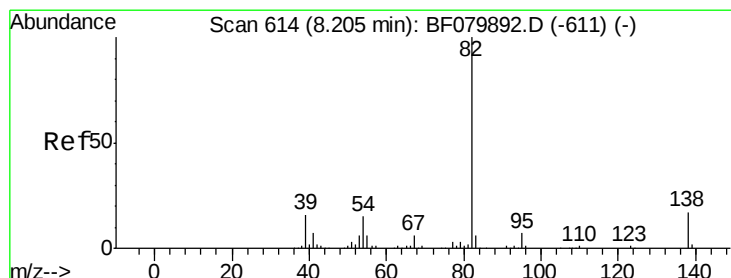
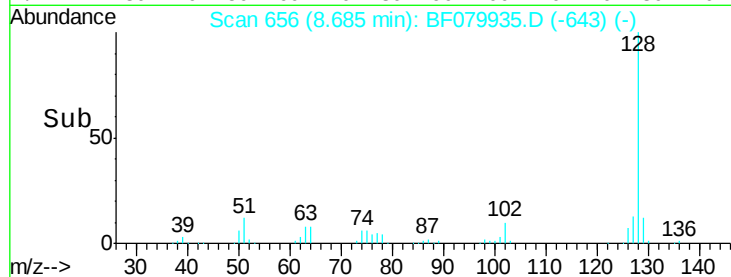
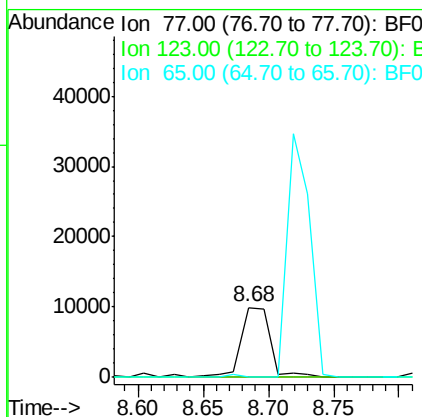
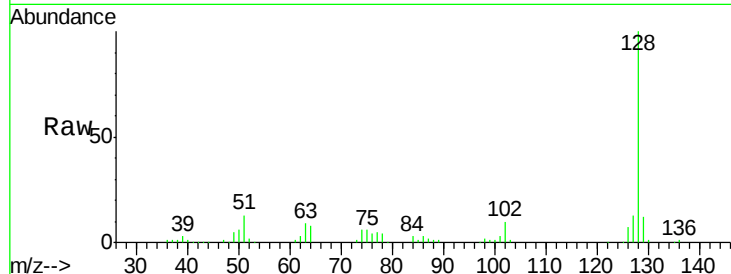




#24
 Nitrobenzene
 Concen: 4376.25 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.06 min
 Lab File: BF079935.D
 Acq: 12 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 77 Resp: 15452
 Ion Ratio Lower Upper
 77 100
 123 0.0 28.8 43.2#
 65 0.0 10.3 15.5#



#25
 Isophorone
 Concen: 85.44 ng
 RT: 9.06 min Scan# 689
 Delta R.T. -0.20 min
 Lab File: BF079935.D
 Acq: 12 Jun 2015 14:41

Tgt Ion: 82 Resp: 660
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.3 19.9#

