

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054618.D
 Acq On : 12 Aug 2022 11:59
 Operator : CG/JU
 Sample : N4046-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-03

Quant Time: Aug 13 00:36:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

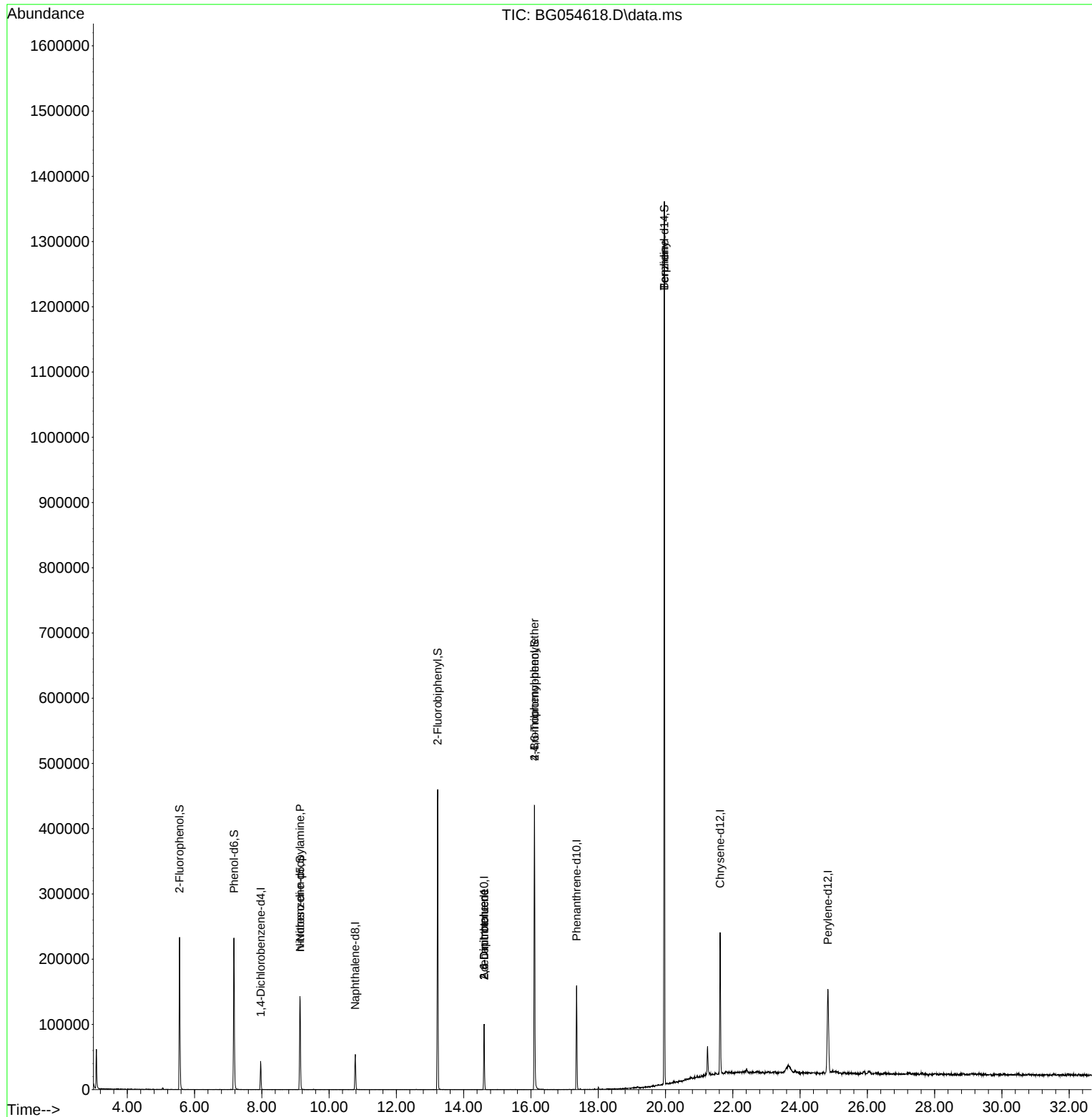
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	13651	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	49873	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	41141	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	119276	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154576	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	160654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	103422	158.181	ng	0.00
7) Phenol-d6	7.172	99	135842	151.627	ng	0.00
23) Nitrobenzene-d5	9.134	82	90889	99.243	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	123443	142.906	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	270204	92.651	ng	0.00
79) Terphenyl-d14	19.968	244	771727	99.042	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.172	77	124	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.134	70	12989	21.711	ng	# 78
51) 2,6-Dinitrotoluene	14.610	165	5877	8.338	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	5877	5.816	ng	# 21
67) 4-Bromophenyl-phenylether	16.102	248	7669	4.578	ng	# 1
77) Benzidine	19.968	184	9865	3.524	ng	# 91

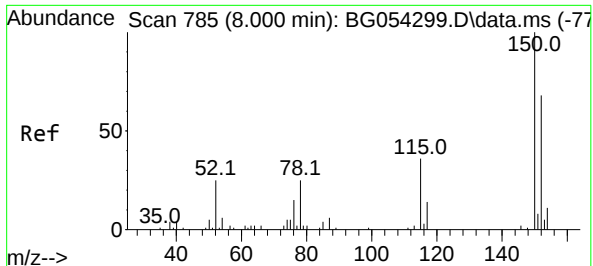
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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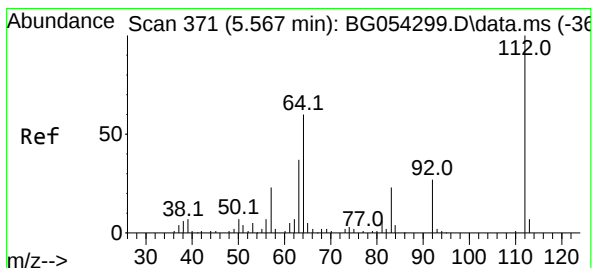
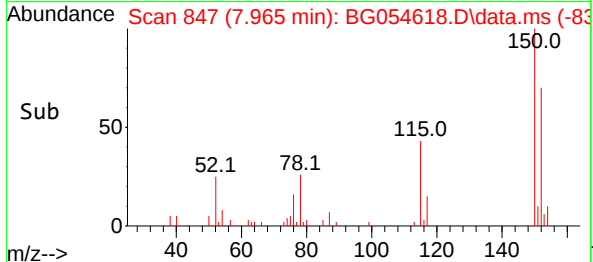
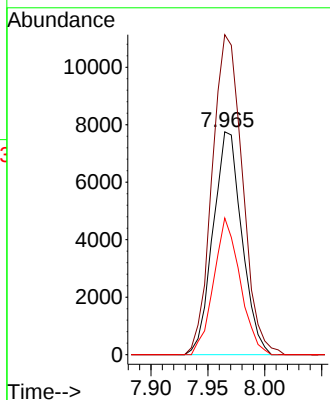
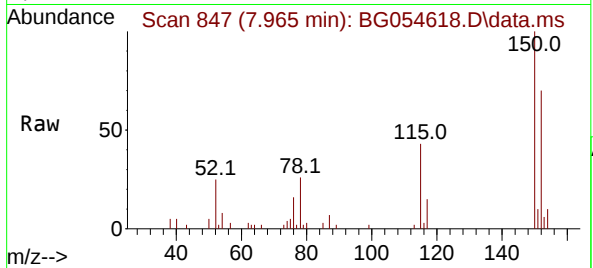




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

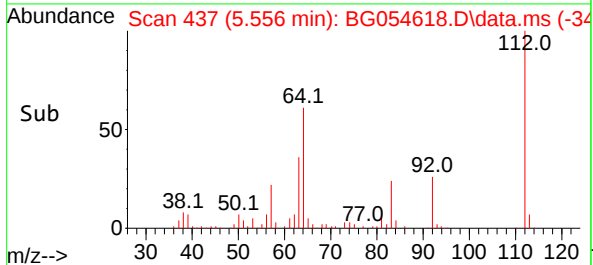
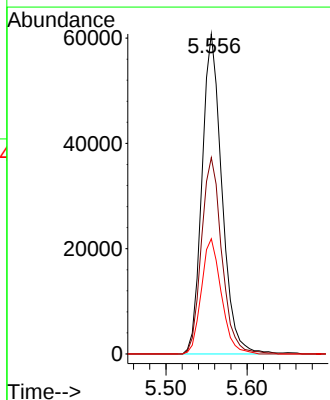
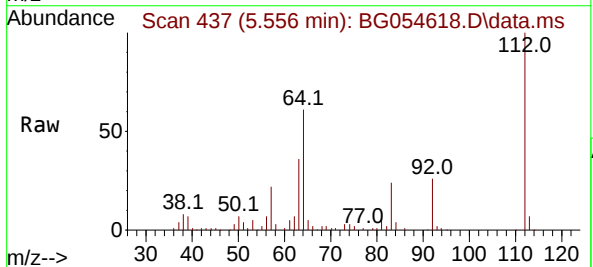
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

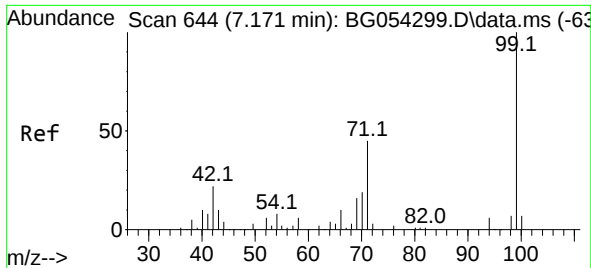
Tgt Ion:152 Resp: 13651
Ion Ratio Lower Upper
152 100
150 143.6 131.6 197.4
115 61.4 50.9 76.3



#5
2-Fluorophenol
Concen: 158.181 ng
RT: 5.556 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion:112 Resp: 103422
Ion Ratio Lower Upper
112 100
64 61.3 55.1 82.7
63 36.0 30.4 45.6

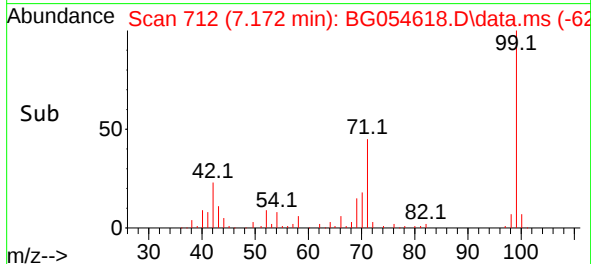
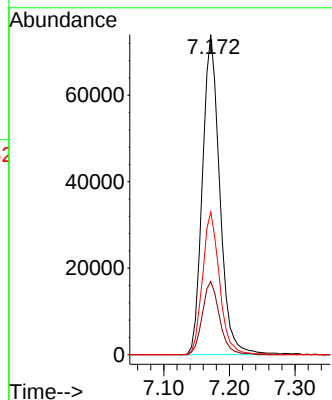
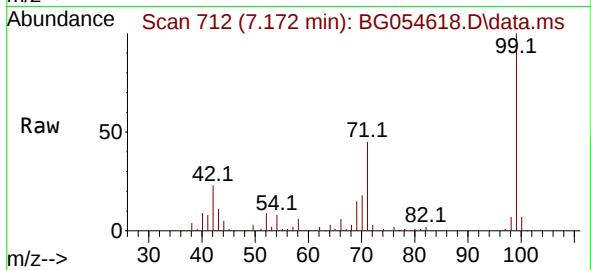




#7
Phenol-d6
Concen: 151.627 ng
RT: 7.172 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

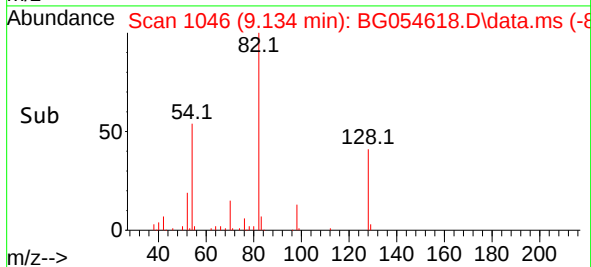
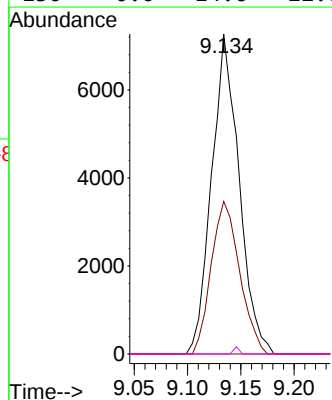
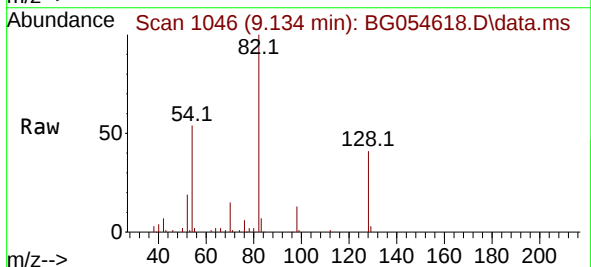
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

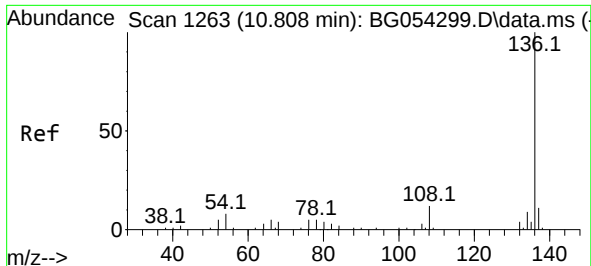
Tgt Ion: 99 Resp: 135842
Ion Ratio Lower Upper
99 100
42 22.9 17.0 25.6
71 44.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.711 ng
RT: 9.134 min Scan# 1046
Delta R.T. 0.355 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion: 70 Resp: 12989
Ion Ratio Lower Upper
70 100
42 47.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

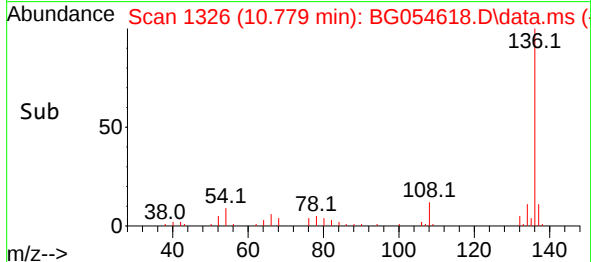
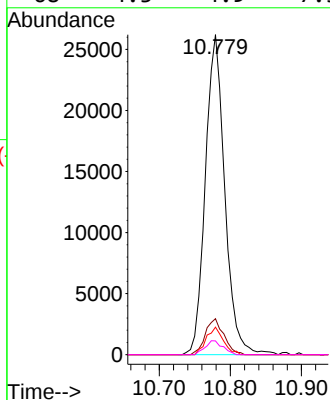
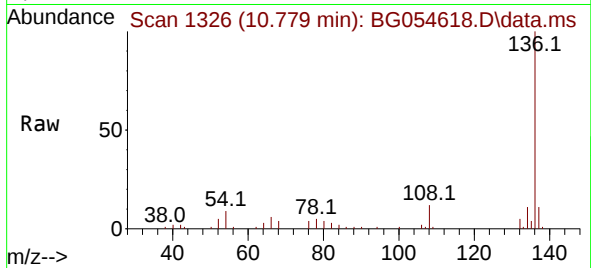




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

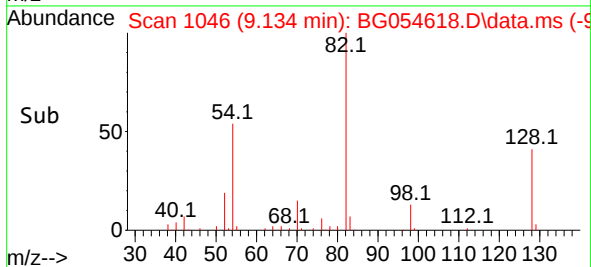
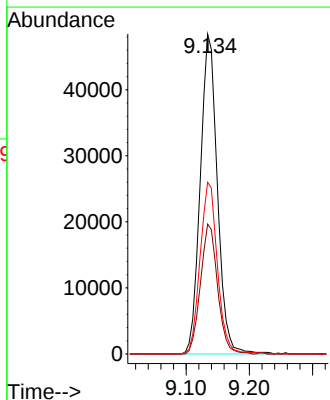
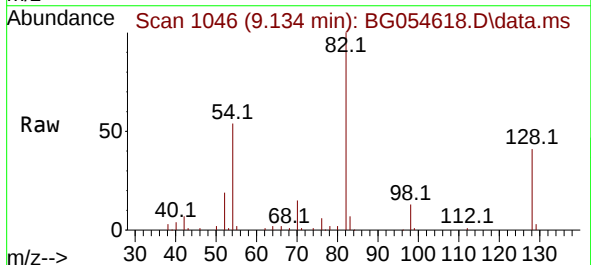
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

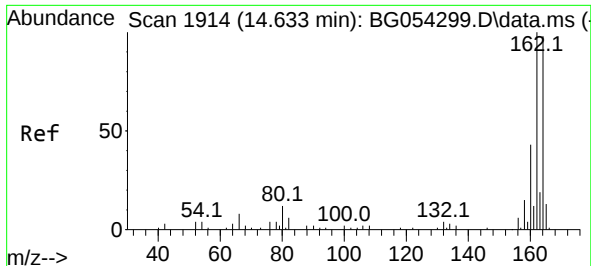
Tgt Ion:	136	Resp:	49873
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.6	7.4	11.2
68	4.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 99.243 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

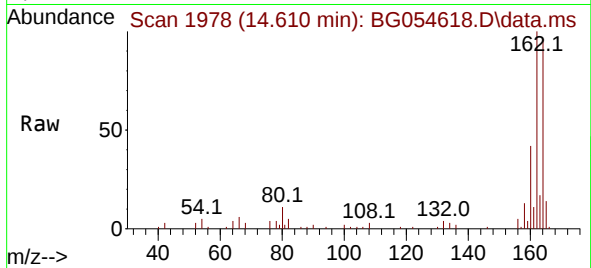
Tgt Ion:	82	Resp:	90889
Ion Ratio	Lower	Upper	
82	100		
128	40.6	27.9	41.9
54	53.6	41.2	61.8



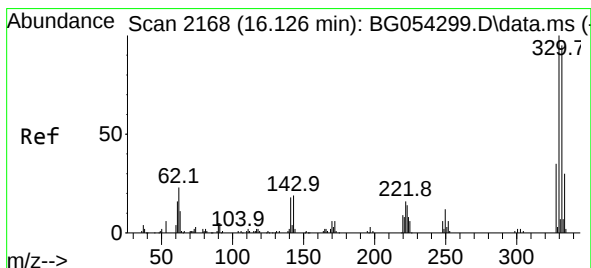
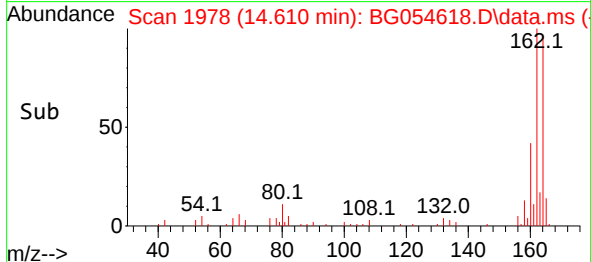
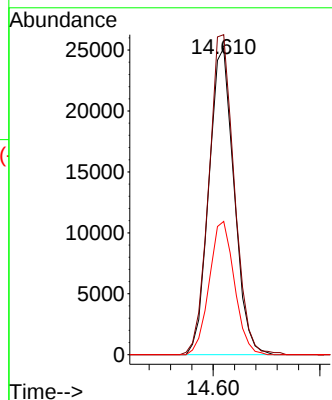


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

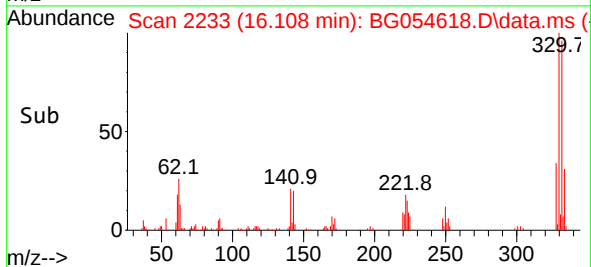
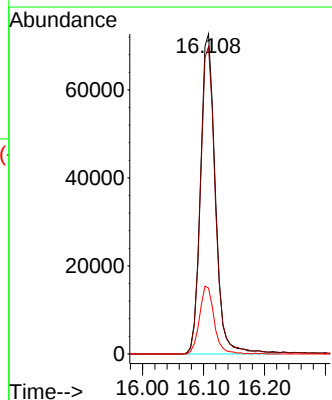
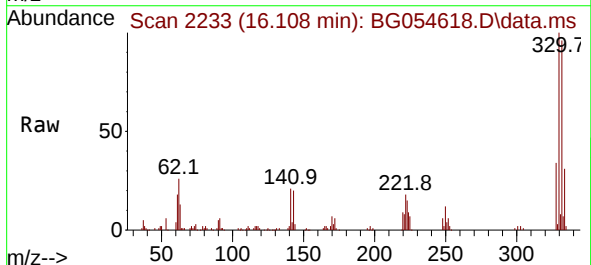


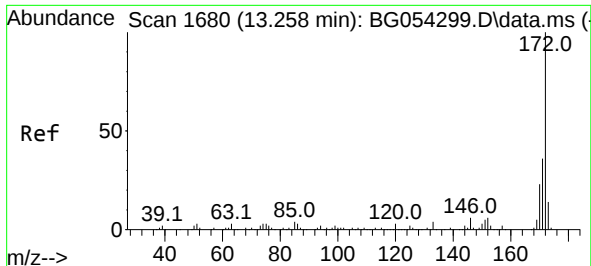
Tgt Ion:164 Resp: 41141
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 43.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 142.906 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion:330 Resp: 123443
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 20.8 27.1 40.7#

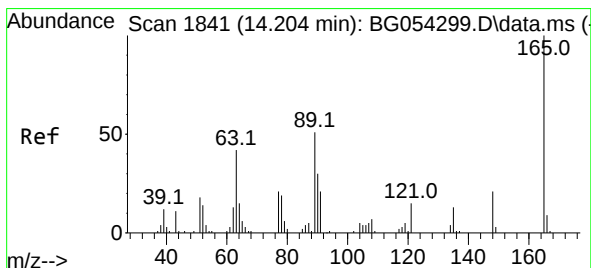
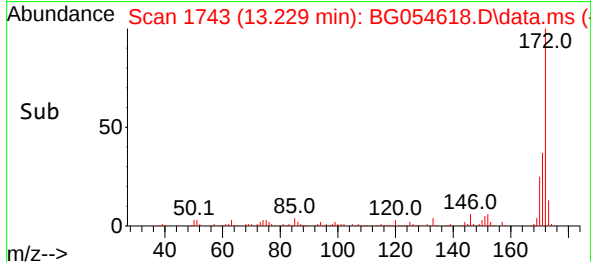
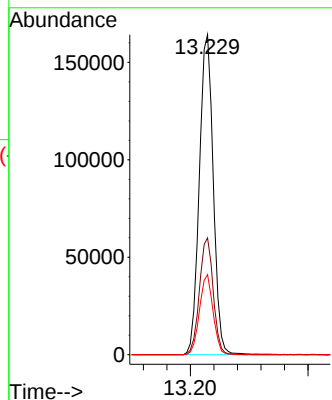
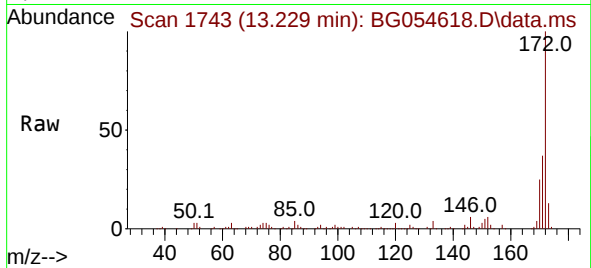




#45
2-Fluorobiphenyl
Concen: 92.651 ng
RT: 13.229 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

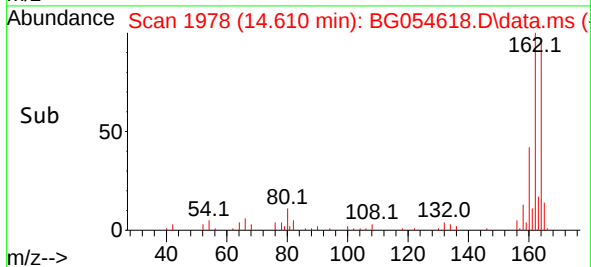
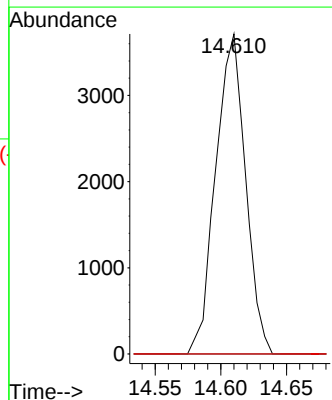
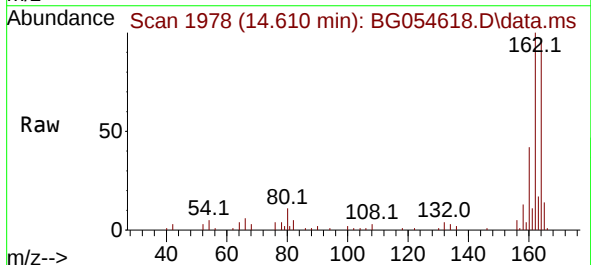
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

Tgt Ion:172 Resp: 270204
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 25.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.420 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion:165 Resp: 5877
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

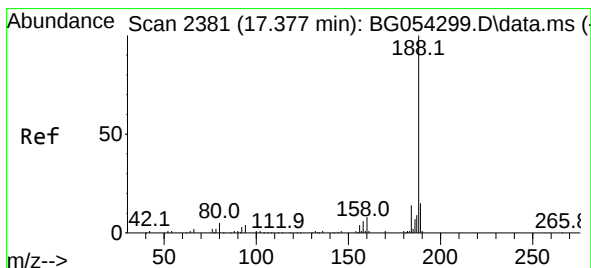
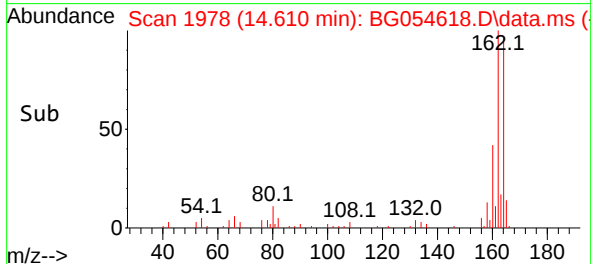
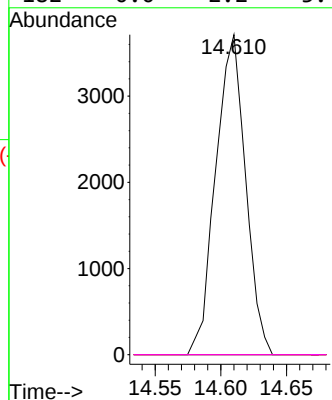
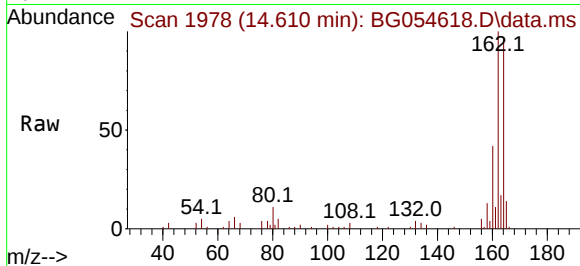




#57
2,4-Dinitrotoluene
Concen: 5.816 ng
RT: 14.610 min Scan# 14
Delta R.T. -0.385 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

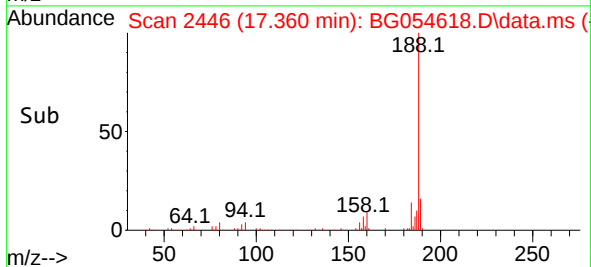
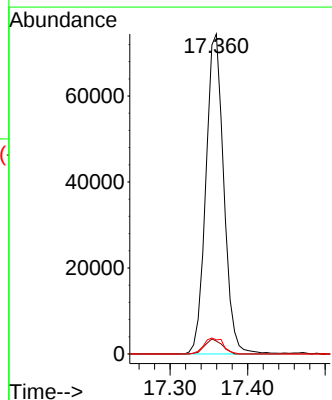
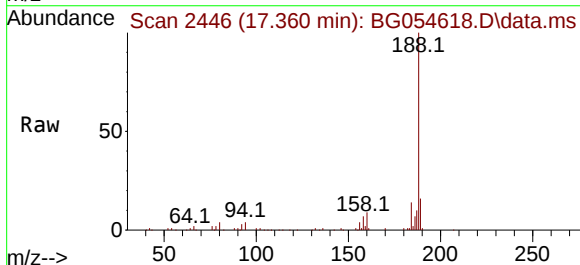
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

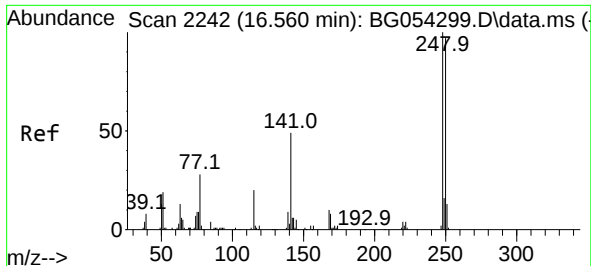
Tgt Ion:165 Resp: 5877
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion:188 Resp: 119276
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.4 6.8 10.2#





#67

4-Bromophenyl-phenylether

Concen: 4.578 ng

RT: 16.102 min Scan# 21

Delta R.T. -0.438 min

Lab File: BG054618.D

Acq: 12 Aug 2022 11:59

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-03

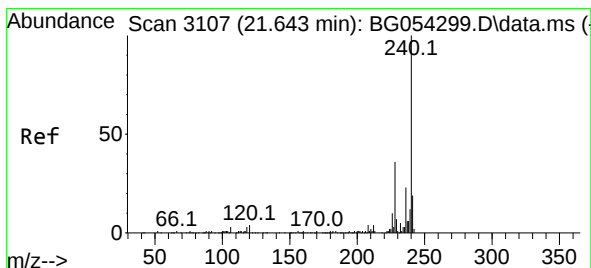
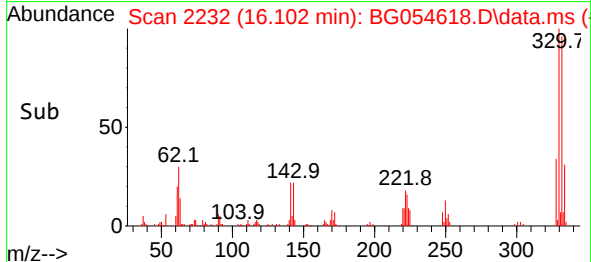
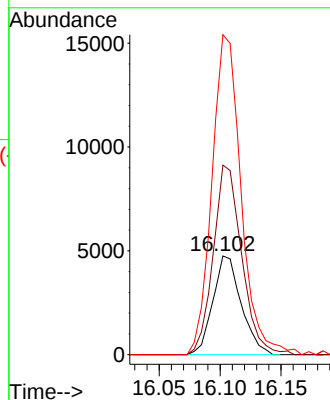
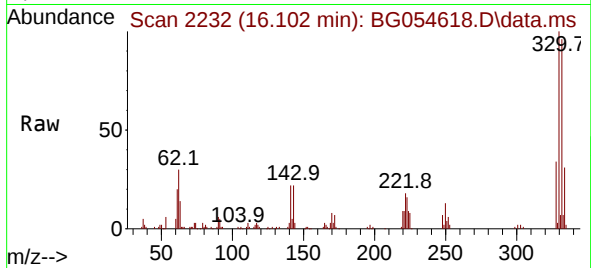
Tgt Ion:248 Resp: 7669

Ion Ratio Lower Upper

248 100

250 192.2 75.2 112.8#

141 324.4 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BG054618.D

Acq: 12 Aug 2022 11:59

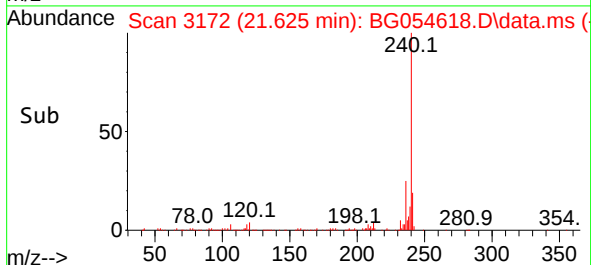
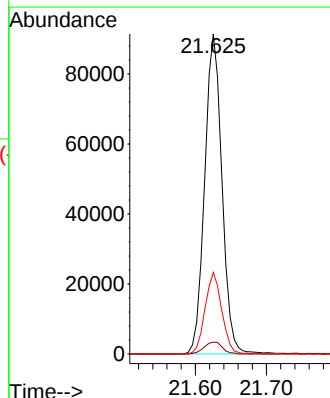
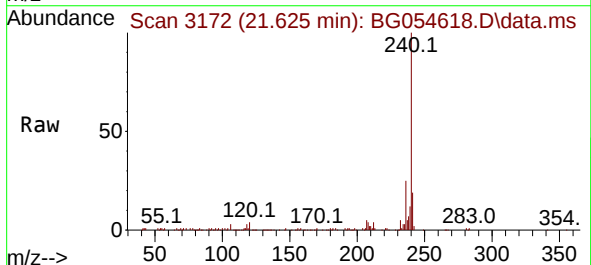
Tgt Ion:240 Resp: 154576

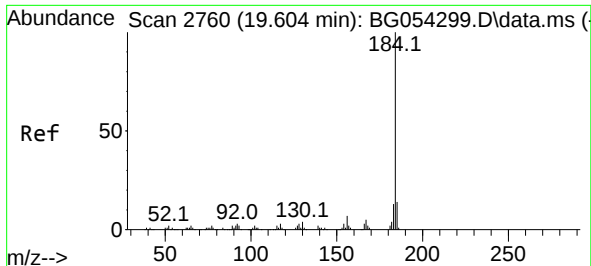
Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0#

236 25.4 20.2 30.4

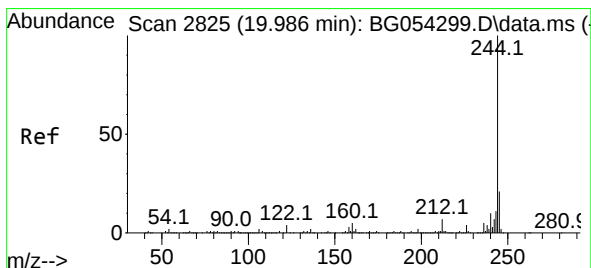
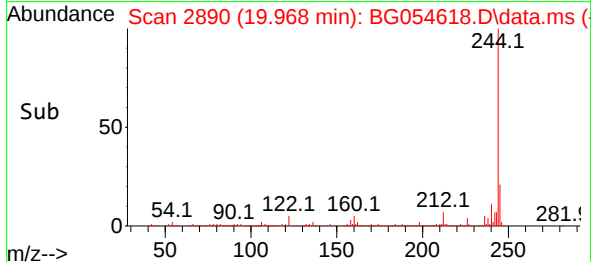
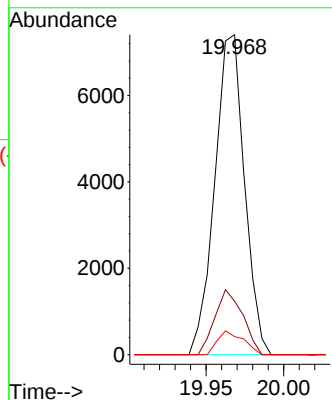
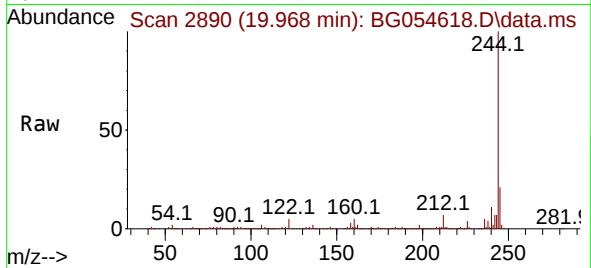




#77
Benzidine
Concen: 3.524 ng
RT: 19.968 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

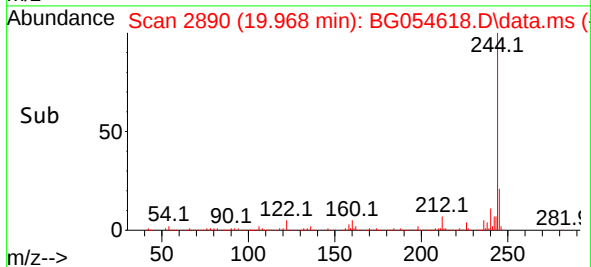
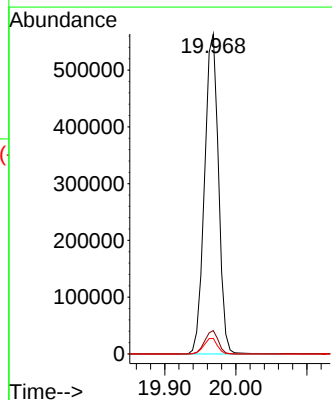
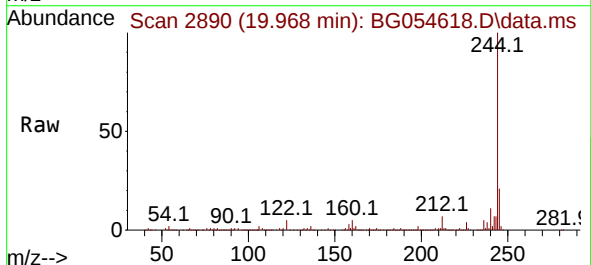
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-03

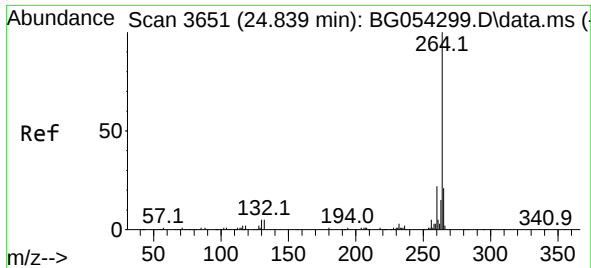
Tgt Ion:184 Resp: 9865
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 5.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 99.042 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.003 min
Lab File: BG054618.D
Acq: 12 Aug 2022 11:59

Tgt Ion:244 Resp: 771727
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.8 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG054618.D
 Acq: 12 Aug 2022 11:59

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-03

Tgt Ion:264 Resp: 160654
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 20.8 17.4 26.2

