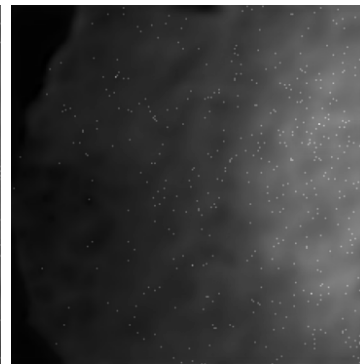
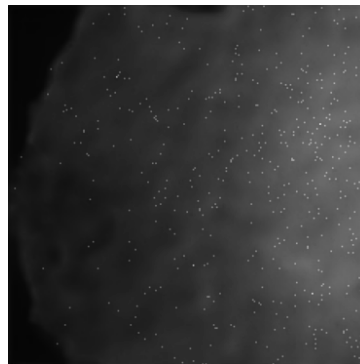
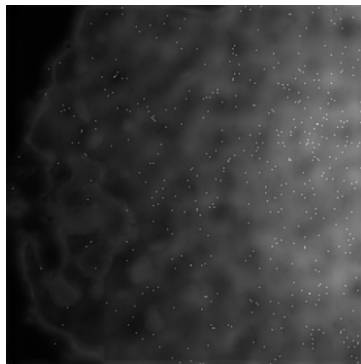
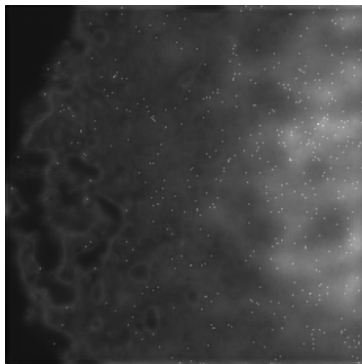
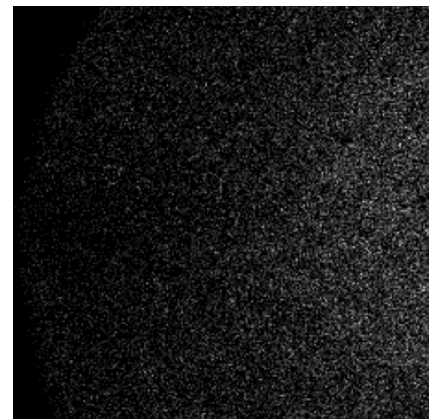


Input



Target



1000

5000

13000

100000

Steps

(best)

(last)