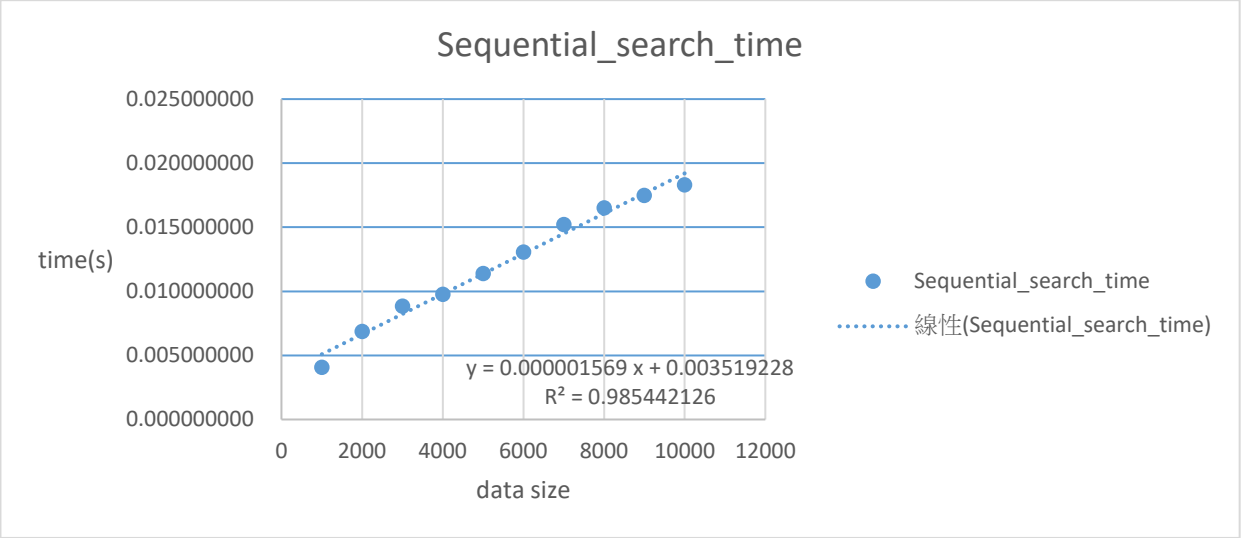
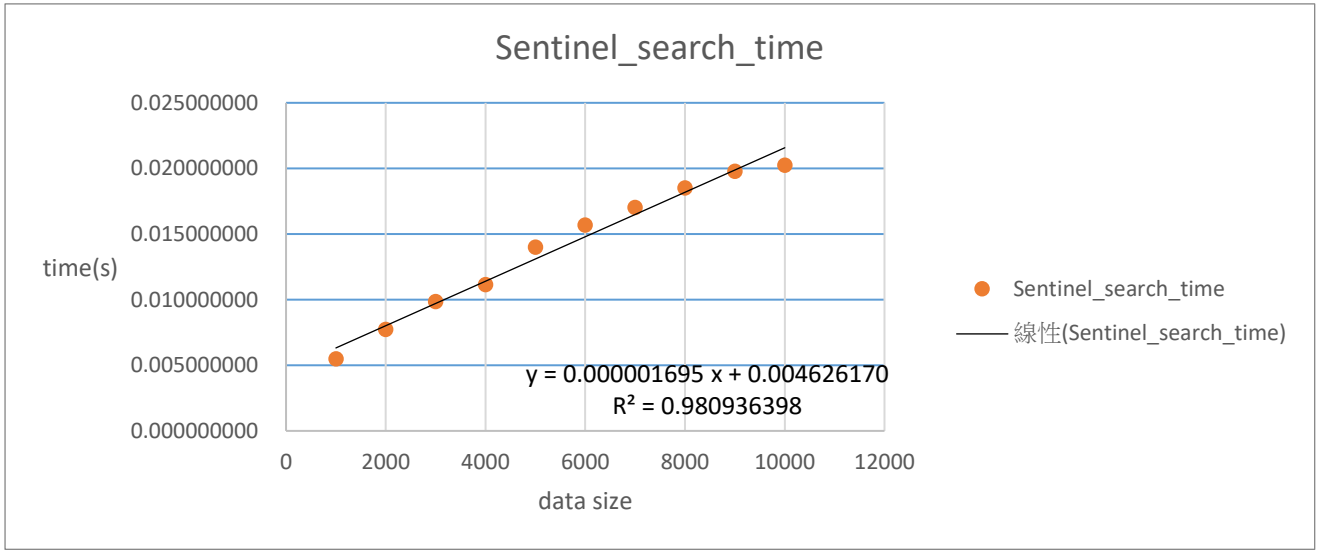
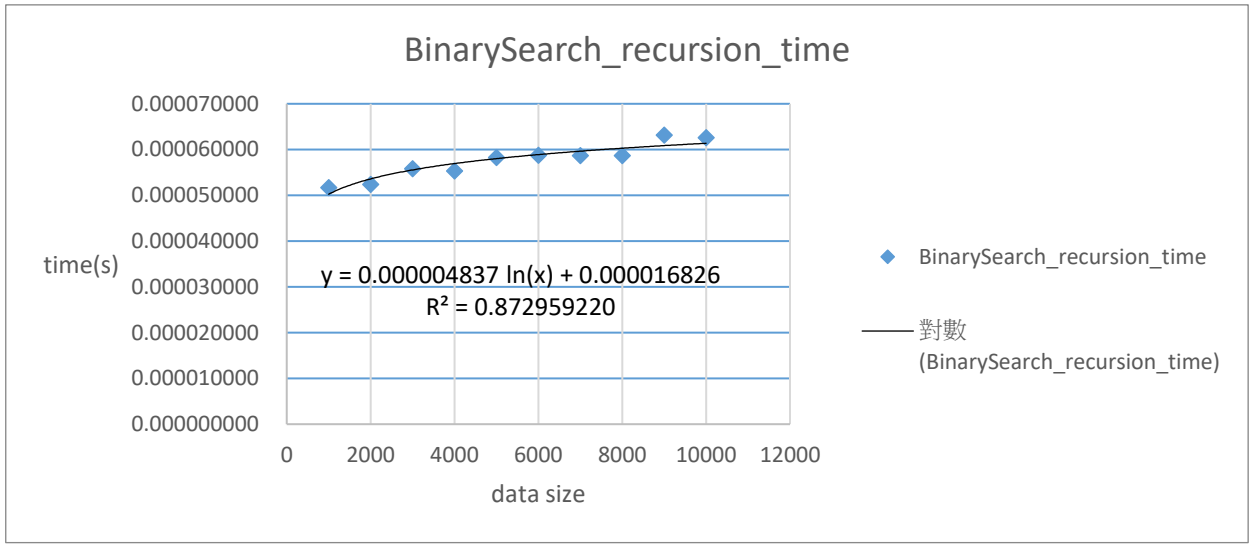
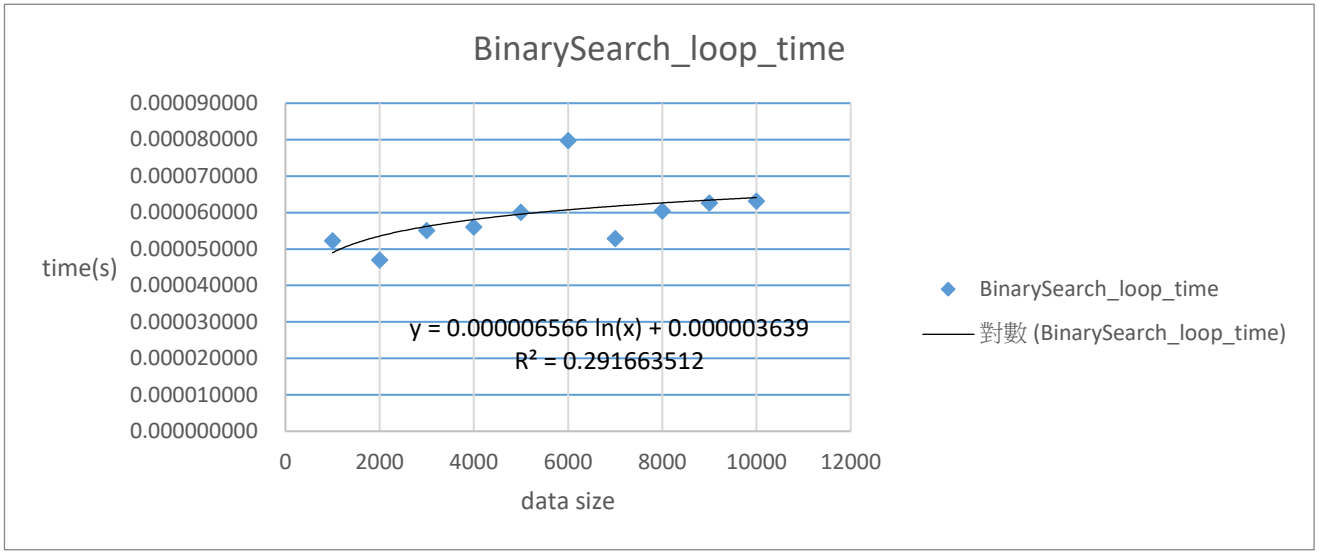
ns	0.000000001

Sequential_search_time			Sentinel_search_time			BinarySearch_recursion_time			BinarySearch_loop_time		
size	time(ns)	(s)	size	time(ns)	(s)	size	time(ns)	(s)	size	time(ns)	(s)
1000	4070090	0.004070090	1000	5498556	0.005498556	1000	51709	0.000051709	1000	52279	0.000052279
2000	6861958	0.006861958	2000	7729027	0.007729027	2000	52400	0.000052400	2000	46979	0.000046979
3000	8838441	0.008838441	3000	9865920	0.009865920	3000	55827	0.000055827	3000	55084	0.000055084
4000	9753456	0.009753456	4000	11137658	0.011137658	4000	55345	0.000055345	4000	56007	0.000056007
5000	11389196	0.011389196	5000	14012204	0.014012204	5000	58291	0.000058291	5000	60074	0.000060074
6000	13053451	0.013053451	6000	15672291	0.015672291	6000	58731	0.000058731	6000	79752	0.000079752
7000	15222135	0.015222135	7000	17029001	0.017029001	7000	58682	0.000058682	7000	52880	0.000052880
8000	16497700	0.016497700	8000	18507652	0.018507652	8000	58701	0.000058701	8000	60394	0.000060394
9000	17474237	0.017474237	9000	19774261	0.019774261	9000	63161	0.000063161	9000	62589	0.000062589
10000	18313903	0.018313903	10000	20253702	0.020253702	10000	62558	0.000062558	10000	63110	0.000063110
y = 0.000001569 x + 0.003519228			y = 0.000001695 x + 0.004626170			y = 0.000004837 ln(x) + 0.000016826			y = 0.000006566 ln(x) + 0.000003639		




Sentinel_search_time
0.025000000
0.020000000
0.015000000
0.010000000
0.005000000
0.000000000
time(s)
y = 0.000001695 x + 0.004626170
R² = 0.980936398
0
2000
4000
6000
8000
10000
12000
data size
Sentinel_search_time
線性(Sentinel_search_time)


BinarySearch_recursion_time
0.000070000
0.000060000
0.000050000
0.000040000
0.000030000
0.000020000
0.000010000
0.000000000
time(s)
y = 0.000004837 ln(x) + 0.000016826
R² = 0.872959220
0
2000
4000
6000
8000
10000
12000
data size
BinarySearch_recursion_time
對數
(BinarySearch_recursion_time)


BinarySearch_loop_time
time(s)
0.000090000
0.000080000
0.000070000
0.000060000
0.000050000
0.000040000
0.000030000
0.000020000
0.000010000
0.000000000
y = 0.000006566 ln(x) + 0.000003639
R² = 0.291663512
0
2000
4000
6000
8000
10000
12000
data size
BinarySearch_loop_time
對數 (BinarySearch_loop_time)