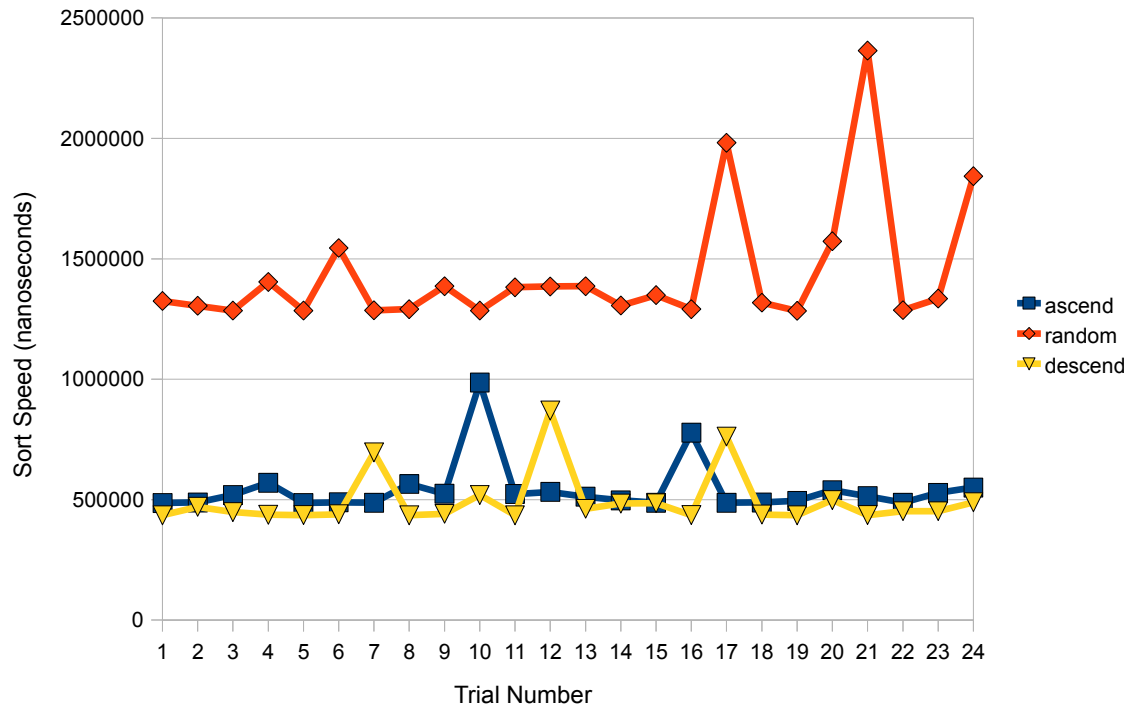
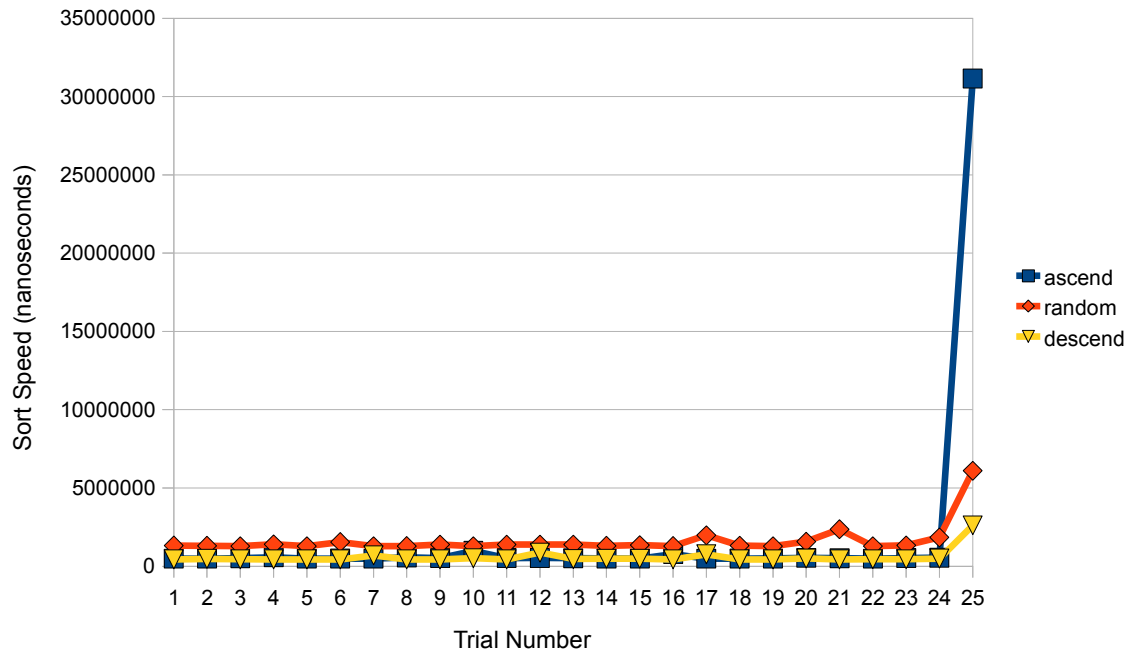


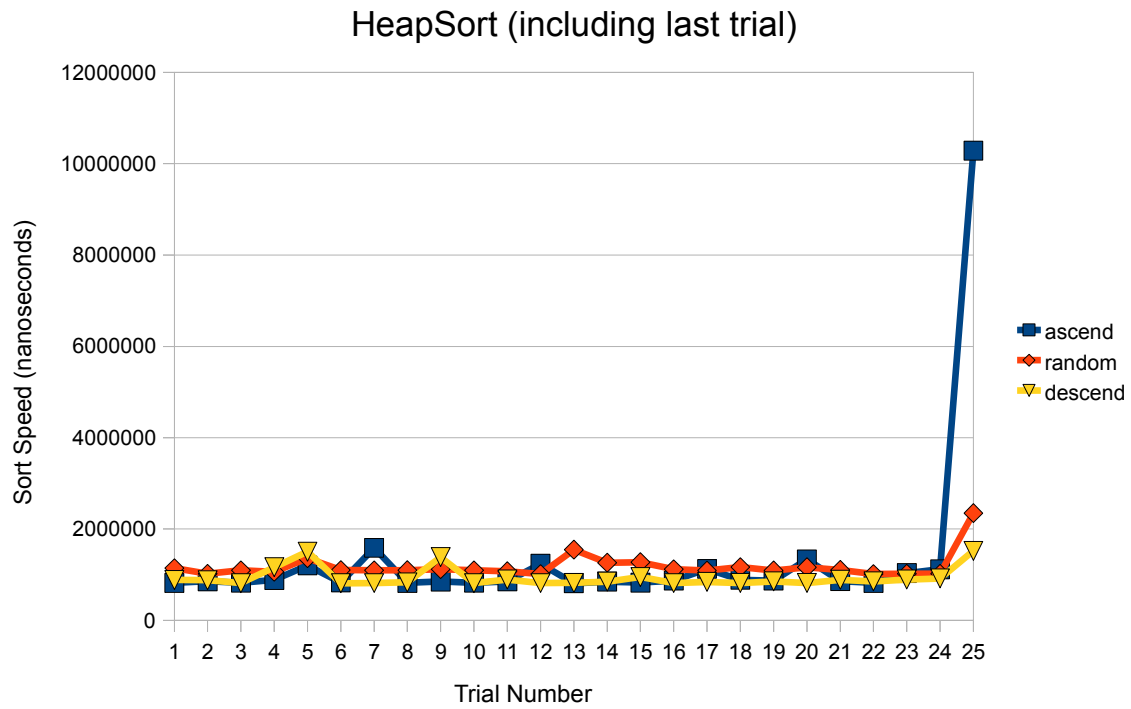
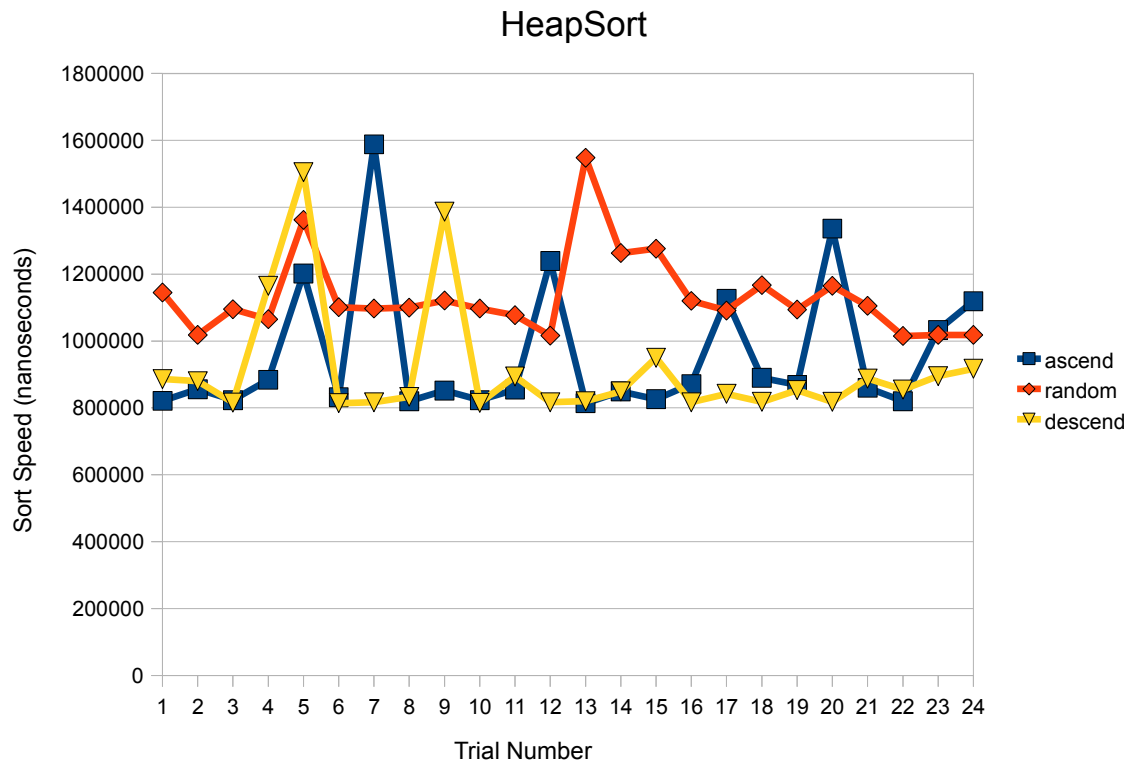
mergeGraphs

MergeSort

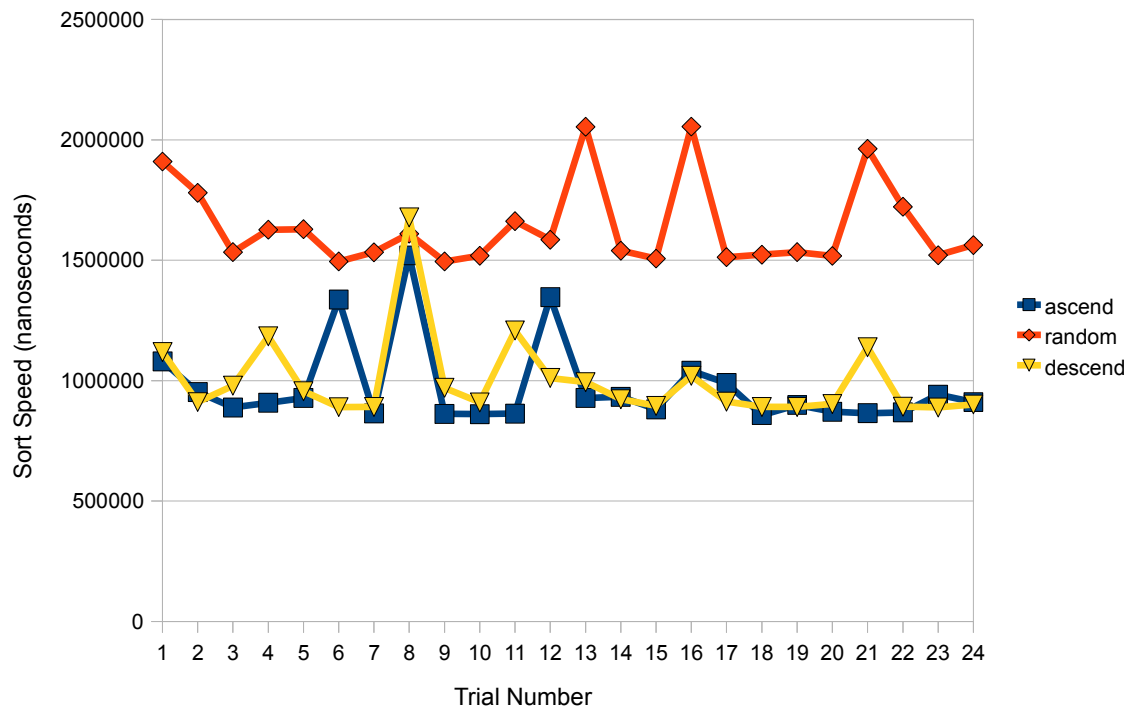


MergeSort (including last trial)

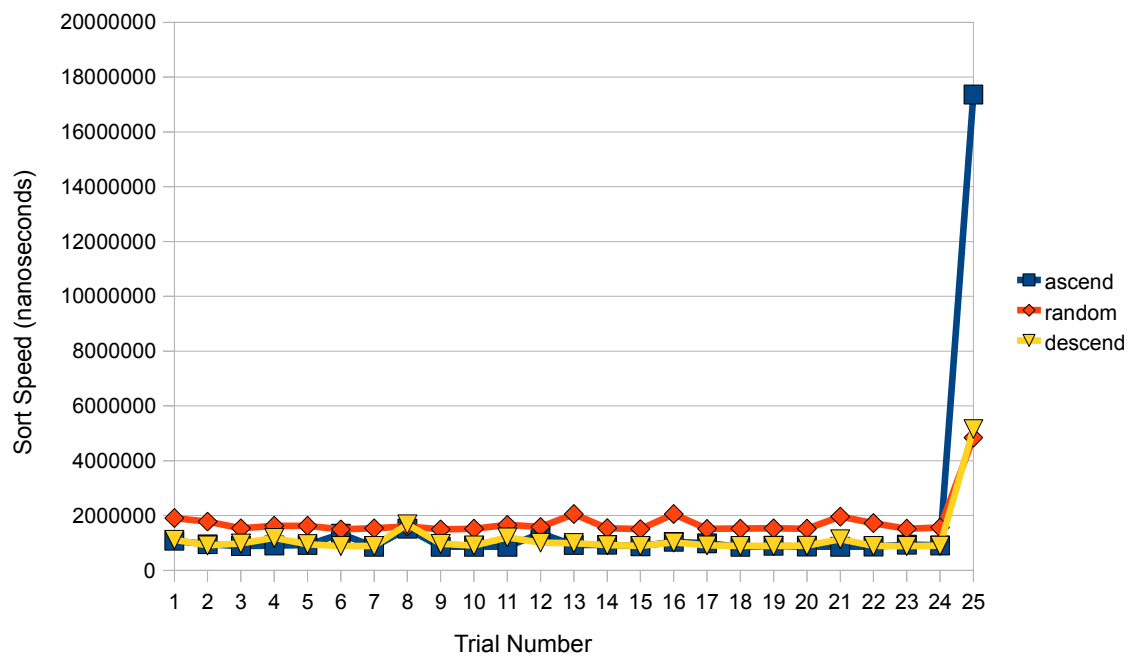




QuickSort



QuickSort (including last trial)



ascend

ascend	merge	heap	quick
ascend 1	486000	821000	1080000
ascend 2	488000	856000	953000
ascend 3	519000	823000	889000
ascend 4	570000	884000	908000
ascend 5	486000	1202000	928000
ascend 6	489000	832000	1337000
ascend 7	487000	1588000	864000
ascend 8	565000	820000	1520000
ascend 9	524000	852000	862000
ascend 10	986000	823000	861000
ascend 11	523000	855000	863000
ascend 12	532000	1239000	1347000
ascend 13	512000	814000	928000
ascend 14	497000	849000	933000
ascend 15	487000	826000	881000
ascend 16	778000	871000	1041000
ascend 17	487000	1126000	990000
ascend 18	488000	890000	857000
ascend 19	495000	869000	899000
ascend 20	539000	1336000	871000
ascend 21	514000	860000	865000
ascend 22	487000	820000	868000
ascend 23	528000	1033000	942000
ascend 24	550000	1119000	911000
ascend 25	31154000	10283000	17368000

random

random	merge	heap	quick
random 1	1325000	1145000	1910000
random 2	1305000	1018000	1780000
random 3	1285000	1095000	1534000
random 4	1404000	1065000	1627000
random 5	1285000	1362000	1629000
random 6	1545000	1101000	1495000
random 7	1286000	1097000	1533000
random 8	1291000	1100000	1610000
random 9	1386000	1121000	1495000
random 10	1285000	1097000	1519000
random 11	1382000	1077000	1662000
random 12	1385000	1016000	1585000
random 13	1386000	1548000	2054000
random 14	1306000	1263000	1540000
random 15	1349000	1276000	1507000
random 16	1291000	1120000	2055000
random 17	1982000	1091000	1513000
random 18	1318000	1167000	1523000
random 19	1284000	1094000	1534000
random 20	1573000	1165000	1518000
random 21	2365000	1105000	1963000
random 22	1287000	1015000	1722000
random 23	1335000	1018000	1521000
random 24	1843000	1018000	1563000
random 25	6106000	2349000	4842000

descend

descend	merge	heap	quick
descend 1	435000	886000	1119000
descend 2	470000	880000	911000
descend 3	448000	816000	979000
descend 4	437000	1165000	1184000
descend 5	436000	1505000	956000
descend 6	439000	814000	890000
descend 7	696000	817000	891000
descend 8	435000	833000	1678000
descend 9	441000	1387000	970000
descend 10	519000	815000	910000
descend 11	435000	894000	1208000
descend 12	870000	817000	1011000
descend 13	462000	820000	994000
descend 14	484000	849000	923000
descend 15	485000	950000	895000
descend 16	436000	817000	1020000
descend 17	762000	842000	913000
descend 18	438000	818000	891000
descend 19	435000	853000	891000
descend 20	498000	818000	903000
descend 21	436000	888000	1139000
descend 22	452000	855000	892000
descend 23	452000	895000	889000
descend 24	489000	917000	901000
descend 25	2612000	1522000	5157000