Isotope effect

str3	name	element	Tc	isotope	isoel	isorat(%)	commt
Bi2212	Bi2Sr2Ca(Cu,Fe)2O8	Bi2Sr2Ca1Cu1.99Fe0.01O8	74.1	0.079	O	91	delta-Tc = 0.69 K
Bi2212	Bi2Sr2Ca(Cu,Fe)2O8	Bi2Sr2Ca1Cu1.98Fe0.02O8	71.5	0	O	91	delta-Tc = 0.0 K
Bi2212	Bi2Sr2Ca(Cu,Fe)2O8	Bi2Sr2Ca1Cu1.96Fe0.04O8	65.7	-0.101	O	91	delta-Tc = -0.79K
Bi2212	Bi2Sr2CaCu2O8	Bi2Sr2Ca1Cu2O8+z	75.5	0.03	O	90	
Bi2212	Bi2Sr2(Ca,Y)Cu2O8	Bi2Sr2Ca0.937Y0.063Cu2O8+z	78	0.012	O	90	
Bi2212	Bi2Sr2(Ca,Y)Cu2O8	Bi2Sr2Ca0.75Y0.25Cu2O8+z	71.3	0.065	O	90	
Bi2212	Bi2Sr2(Ca,Y)Cu2O8	Bi2Sr2Ca0.65Y0.35Cu2O8+z	45.2	0.109	O	90	
BKBO	(Ba,K)BiO3	Ba0.6K0.4Bi1O3		0.42			
BKBO	(Sr,K)BiO3	Sr0.4K0.6Bi1O3	11.18	0.37	O	60	delta-Tc = -0.32 K
BKBO	(Sr,K)BiO3	Sr0.4K0.6Bi1O3	11	0.42	O	80	delta-Tc = -0.50 K
BPBO	Ba(Pb,Bi)O3	Ba1Pb0.75Bi0.25O3	10.5	0.22	O	85	
C60	Rb3C60	Rb3C60	28.6	2	C	60	isotope = 2.0-2.25
C60	K3C60	K3C60	20	1.2	C	60	isotope = 1.2-1.43
LTO	LiTiO4	Li1Ti1O4	12.15	0.013	Li	99	compared with 97%LI(6) and 99%LI(7) samples.
Ru1212	RuSr2GdCu2O8	Ru1Sr2Gd1Cu2O8		0.12	O		
T	(La,Sr)2CuO4	La1.85Sr0.15Cu1O4	35	0.14			delta-Tc = 0.41 K
T	(La,Sr)2CuO4	La1.925Sr0.075Cu1O4	21.2	0.4	O	90	delta-Tc = 0.84 K
T	(La,Sr)2CuO4	La1.887Sr0.113Cu1O4	29.7	0.64	O	88	delta-Tc = 1.91 K
T	(La,Sr)2CuO4	La1.85Sr0.15Cu1O4	37.8	0.08	O	87	delta-Tc = 0.32 K
T	(La,Sr)2CuO4	La1.812Sr0.188Cu1O4	34.4	0.06	O	84	delta-Tc = 0.21 K
T	(La,Sr)2CuO4	La1.775Sr0.225Cu1O4	23	0.1	O	88	delta-Tc = 0.23 K
T	(La,Sr)2CuO4	La1.737Sr0.263Cu1O4	8	0.12	O	86	delta-Tc = 0.22 K
T	(La,Sr)2CuO4	La1.87Sr0.125Cu1.07O4	26.4	0.65	O	89.4	grain size = 2-4 um.
T	(La,Sr)2CuO4	La1.88Sr0.125Cu0.97O4	28.4	0.44	O	91.6	
T	(La,Sr)2CuO4	La1.85Sr0.15Cu1O4	37	0.14	O	81	delta-Tc = 0.41 K
T	(La,Sr)2CuO4	La1.92Sr0.08Cu1O4	19.6	0.47	O	97	
T	(La,Sr)2CuO4	La1.914Sr0.086Cu1O4	22.25	0.4	O	97	
T	Sr2RuO4	Sr2Ru1O4	1.5	0.18	O		
T	Sr2RuO4	Sr2Ru1O4	1.35	-0.04	O		
T	(La,Sr)2CuO4	La1.895Sr0.105Cu1O4	26.3	0.5	O	86	delta-Tc = 1.5 K
T	(La,Sr)2CuO4	La1.89Sr0.11Cu1O4	24.5	0.54	O	90	delta-Tc = 1.6 K
T	(La,Sr)2CuO4	La1.885Sr0.115Cu1O4	24.7	0.9	O	85	delta-Tc = 2.6 K
T	(La,Sr)CuO4	La1.85Sr0.15Cu1O4+z	37.43	0.143	O		
T	(La,Sr)2(Cu,Ni)04	La1.85Sr0.15Cu0.995Ni0.005O4+z	34.41	0.125	O		
T	(La,Sr)2(Cu,Ni)O4	La1.85Sr0.15Cu0.99Ni0.01O4+z	30	0.147	O		
T	(La,Sr)2(Cu,Ni)O4	La1.85Sr0.15Cu0.985Ni0.015O4+z	25.9	0.252	O		
T	(La,Sr)2(Cu,Ni)O4	La1.85Sr0.15Cu0.98Ni0.02O4+z	21.96	0.266	O		
T	(La,Sr)2(Cu,Ni)O4	La1.85Sr0.15Cu0.975Ni0.025O4+z	16.6	0.367	O		
T	(La,Sr)2(Cu,Ni)O4	La1.85Sr0.15Cu0.97Ni0.03O4+z	12.7	0.335	O		
T	(La,Sr)CuO4	La1.85Sr0.15Cu1O4+z	37.5	0.148	O		
T	(La,Sr)2(Cu,Fe)O4	La1.85Sr0.15Cu0.997Fe0.003O4+z	33.6	0.203	O		
T	(La,Sr)2(Cu,Fe)O4	La1.85Sr0.15Cu0.995Fe0.005O4+z	30.82	0.274	O		
T	(La,Sr)2(Cu,Fe)04	La1.85Sr0.15Cu0.993Fe0.007O4+z	26.25	0.69	O		
T	(La,Sr)2(Cu,Fe)O4	La1.85Sr0.15Cu0.992Fe0.008O4+z	24.73	0.805	O		
T	(La,Sr)2(Cu,Fe)O4	La1.85Sr0.15Cu0.991Fe0.009O4+z	19.85	0.966	O		
T	(La,Sr)2(Cu,Fe)O4	La1.85Sr0.15Cu0.989Fe0.011O4+z	17.7	1.29	O		
T	(La,Sr)CuO4	La1.85Sr0.15Cu1O4+z	37.5	0.148	O		
T	(La,Sr)2(Cu,Zn)O4	La1.85Sr0.15Cu0.996Zn0.004O4+z	37.5	0.158	O		
T	(La,Sr)2(Cu,Zn)O4	La1.85Sr0.15Cu0.992Zn0.008O4+z	28.5	0.203	O		
T	(La,Sr)2(Cu,Zn)O4	La1.85Sr0.15Cu0.988Zn0.012O4+z	23.7	0.26	O		
T	(La,Sr)2(Cu,Zn)O4	La1.85Sr0.15Cu0.984Zn0.016O4+z	19	0.44	O		
T	(La,Sr)2(Cu,Zn)O4	La1.85Sr0.15Cu0.978Zn0.022O4+z	13.6	0.677	O		
T	(La,Sr)CuO4	La1.85Sr0.15Cu1O4+z	37.57	0.146	O		
T	(La,Sr)2(Cu,Co)O4	La1.85Sr0.15Cu0.998Co0.002O4+z	34.61	0.157	O		
T	(La,Sr)2(Cu,Co)O4	La1.85Sr0.15Cu0.995Co0.005O4+z	32.17	0.68	O		
T	(La,Sr)2(Cu,Co)O4	La1.85Sr0.15Cu0.993Co0.007O4+z	29.57	0.236	O		
T	(La,Sr)(Cu,Co)O4	La1.85Sr0.15Cu0.99Co0.01O4+z	24.86	0.388	O		
T	(La,Sr)2(CU,Co)O4	La1.85Sr0.15Cu0.988Co0.013O4+z	23.21	0.455	O		
T	(La,Sr)2(Cu,Co)O4	La1.85Sr0.15Cu0.985Co0.015O4+z	13.82	1.29	O		
T	(La,Sr)2(Cu,Co)O4	La1.85Sr0.15Cu0.983Co0.018O4+z	13.05	1.075	O		
T	(La,Sr)CuO4	La1.8Sr0.2Cu1O4+z	34.62	0.219	O		
T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.995Ni0.005O4+z	31.47	0.165	O		
T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.99Ni0.01O4+z	28.26	0.137	O		
T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.985Ni0.015O4+z	25.77	0.136	O		
T	(La,Sr)2(Cu,Ni)O4	La0.8Sr0.2Cu0.98Ni0.02O4+z	22.36	0.131	O		
T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.975Ni0.025O4+z	19.61	0.125	O		
T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.97Ni0.03O4+z	17.22	0.115	O		

T	(La,Sr)2(Cu,Ni)O4	La1.8Sr0.2Cu0.965Ni0.035O4+z	14.03	0.155	O		
T	(La,Sr)CuO4	La1.8Sr0.2Cu1O4+z	34.44	0.11	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.997Fe0.003O4+z	32.28	0.123	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.995Fe0.005O4+z	29.3	0.143	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.993Fe0.007O4+z	27.86	0.167	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.99Fe0.01O4+z	23.81	0.253	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.988Fe0.012O4+z	20.65	0.307	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.985Fe0.015O4+z	16.04	0.507	O		
T	(La,Sr)2(Cu,Fe)O4	La1.8Sr0.2Cu0.983Fe0.017O4+z	13.02	0.564	O		
T	(La,Ho,Sr)2CuO4	La1.81Ho0.04Sr0.15Cu1O4	32	0.11	O	81	
T	(La,Ho,Sr)2CuO4	La1.81Ho0.04Sr0.15Cu1O4	32	0.29	Cu		
T'	(Pr,Ce)2CuO4	Pr1.85Ce0.15Cu1O4-y	20.5	0.08	O		
T*	(Nd,Ce)2CuO4	Nd0Ce0Cu1O4		0.15	O		
Y123	YBa2Cu3O7	Y1Ba2Cu3O7	92.1	0.046	O	90	delta-Tc = 0.5 K
Y123	YBa2Cu3Oz	Y1Ba2Cu3O7.1	91.3	0	Cu		delta-Tc = 0.0 +- 0.2
Y123	YBa2Cu3O7	Y1Ba2Cu3O7	91.6	0.019			delta-Tc = 0.18 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O7	92	0.019			isotope = 0.028 by
Y123	(Y,Pr)Ba2Cu3O7	Y0.8Pr0.2Ba2Cu3O7-Z		0.1			delta-Tc = 0.9 K
Y123	(Y,Pr,Ca)Ba2Cu3O7	Y0.75Pr0.2Ca0.05Ba2Cu3O7-Z		0.09	O	84	delta-Tc = 0.76 K
Y123	(Y,Pr,Ca)Ba2Cu3O7	Y0.7Pr0.2Ca0.1Ba2Cu3O7-Z		0.05	O	78	delta-Tc = 0.47 K
Y123	(Y,Pr,Ca)Ba2Cu3O7	Y0.6Pr0.2Ca0.2Ba2Cu3O7-Z		0.05	O	76	delta-Tc = 0.42 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.8Pr0.2Ba2Cu3O7-Z	75.6	0.09	O	84.6	delta-Tc = 0.8 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.7Pr0.3Ba2Cu3O7-Z	60.4	0.15	O	79	delta-Tc = 1.07 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.6Pr0.4Ba2Cu3O7-Z	46.2	0.27	O	85.5	delta-Tc = 1.50 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.5Pr0.5Ba2Cu3O7-Z	30.6	0.45	O	85.9	delta-Tc = 1.65 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.7Pr0.3Ba2Cu3O7-Z	60	0.17	O	72.1	delta-Tc = 1.16 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba2Cu3O6.99	92.3	0.025	O	97	delta-Tc = 0.28 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.9La0.1Cu3O7.06	91.9	0.039	O	97	delta-Tc = 0.41 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.8La0.2Cu3O7.05	77.3	0.14	O	97	delta-Tc = 1.29 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.7La0.3Cu3OZ	73	0.213	O	97	delta-Tc = 1.86 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.6La0.4Cu3O7.11	49.3	0.324	O	95	delta-Tc = 1.92 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.5La0.5Cu3O7.19	38.3	0.38	O	94	delta-Tc = 1.75 K
Y123	Y(Ba,La)2Cu3O7	Y1Ba1.7La0.3Cu3O7.1	60	0.269	O	97	delta-Tc = 1.93 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O7	91.2	0.016	O	91	delta-Tc = 1.6 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.98Fe0.02O7	90.7	0.047	O	96	delta-Tc = 0.5 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.93Fe0.03O7	90.1	0.056	O	96	delta-Tc = 0.6 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.94Cu0.6O7	89.1	0.16	O	96	delta-Tc = 1.7 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.92Fe0.08O7	86.2	0.209	O	96	delta-Tc = 2.1 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.88Fe0.12O7	79	0.24	O	95	delta-Tc = 2.24 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.74Fe0.26O7	55.6	0.357	O	95	delta-Tc = 2.29 K
Y123	YBa2(Cu,Fe)3O7	Y1Ba2Cu2.7Fe0.3O7	50.8	0.376	O	93	delta-Tc = 2.2 K
Y123	YBa2(Cu,Zn)3O7	Y1Ba2Cu2.985Zn0.015O7	83.2	0.04	O	96	delta-Tc = 0.34 K
Y123	YBa2(Cu,Zn)3O7	Y1Ba2Cu2.97Zn0.03O7	75.2	0.07	O	96	delta-Tc = 0.58 K
Y123	YBa2(Cu,Zn)3O7	Y1Ba2Cu2.94Zn0.06O7	57.4	0.082	O	96	delta-Tc = 0.55 K
Y123	YBa2(Cu,Zn)3O7	Y1Ba2Cu2.88Zn0.12O7	50.4	0.126	O	96	delta-Tc = 0.74 K
Y123	YBa2(Cu,Ni)3O7	Y1Ba2Cu2.94Ni0.06O7	85.9	0.04	O	96	delta-Tc = 0.41 K
Y123	YBa2(Cu,Ni)3O7	Y1Ba2Cu2.88Ni0.18O7	77.2	0.046	O	96	delta-Tc = 0.42 K
Y123	YBa2(Cu,Ni)3O7	Y1Ba2Cu2.76Ni0.24O7	71.5	0.054	O	96	delta-Tc = 0.45 K
Y123	Yba2Cu3O7	Y1Ba2Cu3O6.94	91.2	0.013	Cu		delta-Tc < 0.04
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.68	66.9	-0.4	Cu		delta-Tc = -0.84 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.64	62.25	-0.16	Cu		delta-Tc = -0.32 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.61	61.3	-0.16	Cu		delta-Tc = -0.30 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.62	60.9	-0.13	Cu		delta-Tc = -0.24 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.61	61.38	-0.14	Cu		delta-Tc = -0.27 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.55	59.9	-0.16	Cu		delta-Tc = -0.30 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.52	61.34	-0.11	Cu		delta-Tc = -0.21 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.61	61.25	-0.18	Cu		delta-Tc = -0.35 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.76	85.23	-0.22	Cu		delta-Tc = -0.58 K
Y123	YBa2Cu3O7	Y1O6.68	67.4	-0.32	Cu		delta-Tc = -0.67 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.75	83.65	-0.25	Cu		delta-Tc = 6.75 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.73	80	-0.27	Cu		delta-Tc = -0.67 K
Y123	Yba2Cu3O7	Y1Ba2Cu3O6.7	73.62	-0.32	Cu		delta-Tc = -0.73 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.49	59.53	-0.08	Cu		delta-Tc = -0.15 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.37	40.87	-0.38	Cu		delta-Tc = -0.49 K
Y123	YBa2Cu3O7	Y1Ba2Cu3O6.41	49.5	-0.17	Cu		delta-Tc = -0.26 K
Y123	YBa2Cu3O2	Y1Ba2Cu3O6.94	93	-0.017			delta-Tc = 0.05 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.7Pr0.3Ba2Cu3O6.942	60.6	0.22	O	98	delta-Tc = 1.3 K
Y123	(Y,Pr)Ba2Cu3O7	Y0.6Pr0.4Ba2Cu3O6.929	45.3	0.37	O	78	delta-Tc = 1.7 K
Y123	YBa2Cu3Oz	Y1Ba2Cu3O6.75	73	0.25			delta-Tc = -0.57 K

Y123	YBa2Cu3Oz	Y1Ba2Cu3O6.63	60	0.37			deltaTc = -0.7 K
Y123	YBa2Cu3Oz	Y1Ba2Cu3O6.48	48.5	0.37			delta-Tc = -0.57 K
Y123	(Y,Pr)Ba2Cu3O7-d	Y0.8Pr0.2Ba2Cu3O7-d	75	0.11	O	84.6	
Y123	(Y,Pr)Ba2Cu3O7-d	Y0.7Pr0.3Ba2Cu3O7-d	60.5	0.19	O	79	
Y123	(Y,Pr)Ba2Cu3O7-d	Y0.6Pr0.4Ba2Cu3O7-d	47	0.31	O	85.5	
Y123	(Y,Pr)Ba2Cu3O7-d	Y0.5Pr0.5Ba2Cu3O7-d	32.7	0.51	O	85.9	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	Y0.8Pr0.2Ba2Cu3O7-d	67.7	0.14	O	85	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	T0.75Pr0.2Ca0.05Ba2Cu3O7-d	60.2	0.08	O	84	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	Y0.7Pr0.2Ca0.1Ba2Cu3O7-d	58	0.15	O	78	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	Y0.65Pr0.2Ca0.15Ba2Cu3O7-d	39.3	0.07	O	77	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	Y0.6Pr0.2Ca0.2Ba2Cu3O7-d	29.9	0.09	O	76	
Y123	(Y,Pr,Ca)Ba2Cu3O7-d	Y1.55Pr0.2Ca0.25Ba2Cu3O7-d	20.2	0.1	O	75	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.94Zn0.06O7-d	67.7	0.09	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.925Zn0.075O7-d	60.2	0.06	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.88Zn0.12O7-d	58	0.06	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.85Zn0.15O7-d	39.3	0.04	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.82Zn0.06O7-d	29.9	0.06	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.79Zn0.21O7-d	20.2	0.14	O	86	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.775Zn0.225O7-d	13.4	0.19	O	88	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.76Zn0.24O7-d	9.6	0.7	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.745Zn0.255O7-d	5.7	0.34	O	92	
Y123	YBa2(Cu,Zn)3O7-d	Y1Ba2Cu2.737Zn0.262O7-d	8	0.27	O	92	
Y124	YBa2(Cu,Ni)4O8	Y1Ba2Cu3.98Ni0.02O8	67.1	0.249	O	94	delta-Tc = 1.94 K
Y124	YBa2(Cu,Ni)4O8	Y1Ba2Cu3.96Ni0.04O8	53	0.38	O	94	delta-Tc = 2.32 K
Y124	YBa2(Cu,Ni)4O8	Y1Ba2Cu3.92Ni0.08O8	25.1	0.62	O	89	delta-Tc = 1.75 K
Y124	YBa2(Cu,Zn)4O8	Y1Ba2Cu3.98Zn0.02O8	63.8	0.102	O	93	delta-Tc = 0.76 K
Y124	YBa2(Cu,Zn)4O8	Y1Ba2Cu3.96Zn0.06O8	50.1	0.089	O	93	delta-Tc = 0.52 K
Y124	YBa2(Cu,Zn)4O8	Y1Ba2Cu3.92Zn0.08O8	40.5	0.131	O	93	delta-Tc = 0.62 K
Y124	YBa2(Cu,Fe)4O8	Y1Ba2Cu3.987Fe0.013O8	70	0.098	O	93	delta-Tc = 0.80 K
Y124	YBa2(Cu,Fe)4O8	Y1Ba2Cu3.975Fe0.025O8	64.6	0.138	O	92	delta-Tc = 1.04 K
Y124	YBa2(Cu,Fe)4O8	Y1Ba2Cu3.84Fe0.16O8	38.6	0.19	O	86	delta-Tc = 0.87 K
Y124	YBa2Cu4O8	Y1Ba2Cu4O8	81.8	0.076	O	90	pseudogap temp T* has no isotope effect.
Y124	YBa2Cu4O8	Y1Ba2Cu4O8	81	0.056	O	88	Isotope effect pseudogap temp. T* is
Y124	HoBa2Cu4O8	Ho1Ba2Cu4O8	79	0.005	O	75	Pseudogap temp. T* = 170 K for O<16> and T* = 220 K for O<18>.
Y124	(Y,Ca)Ba2Cu4O8	Y0.975Ca0.025Ba2Cu4O8	79.5	0.083	O	90	
Y124	(Y,Ca)Ba2Cu4O8	Y0.95Ca0.05Ba2Cu4O8	82.2	0.062	O	90	
Y124	(Y,Ca)Ba2Cu4O8	Y0.925Ca0.075Ba2Cu4O8	83.8	0.051	O	90	
Y124	(Y,Ca)Ba2Cu4O8	Y0.9Ca0.1Ba2Cu4O8	88.9	0.023	O	90	
Y124	(Y,Ca)Ba2Cu4O8	Y0.8Ca0.2Ba2Cu4O8	85.6	0.047	O	90	
Y124	(Y,Ca)Ba2Cu4O8	Y0.7Ca0.3Ba2Cu4O8	79.5	0.074	O	90	