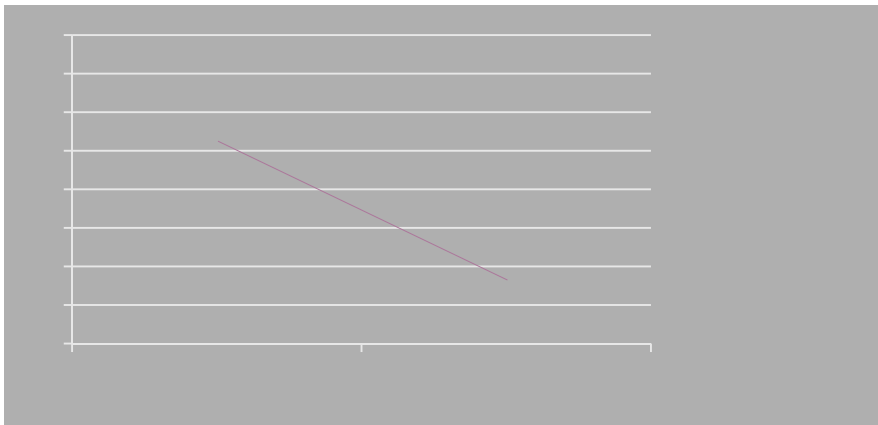
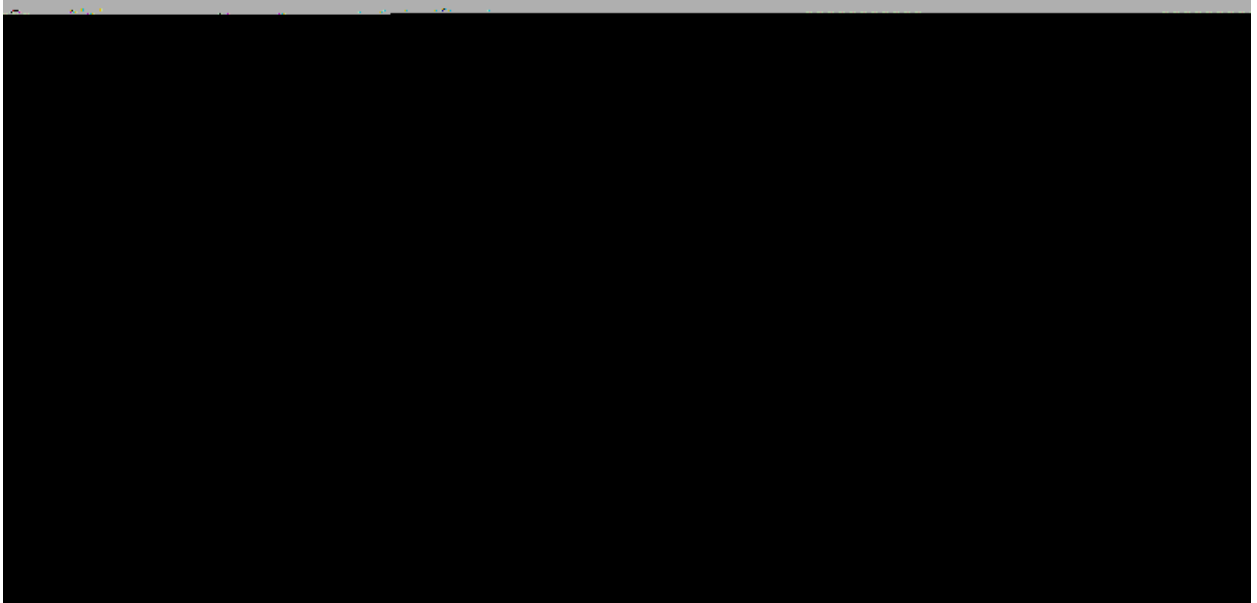
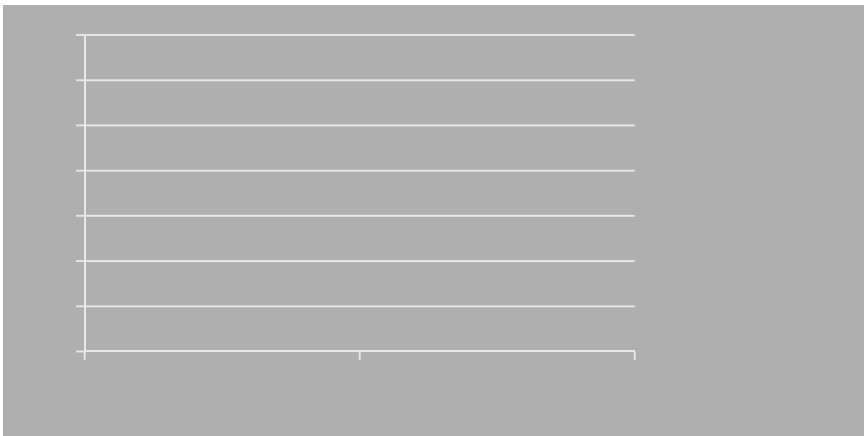
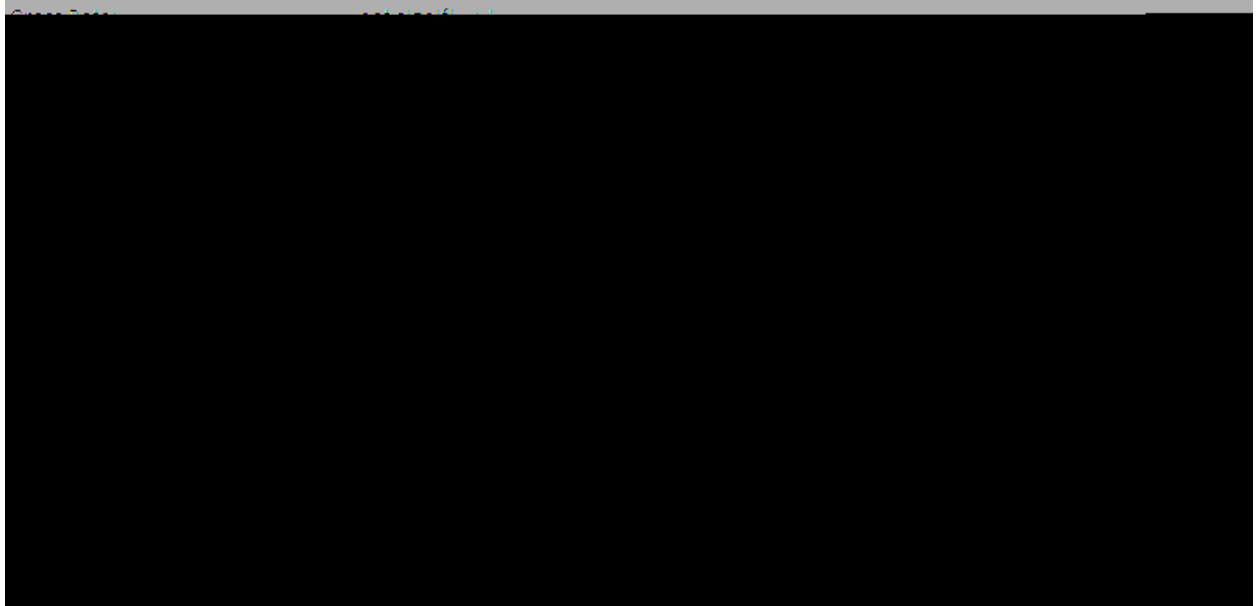


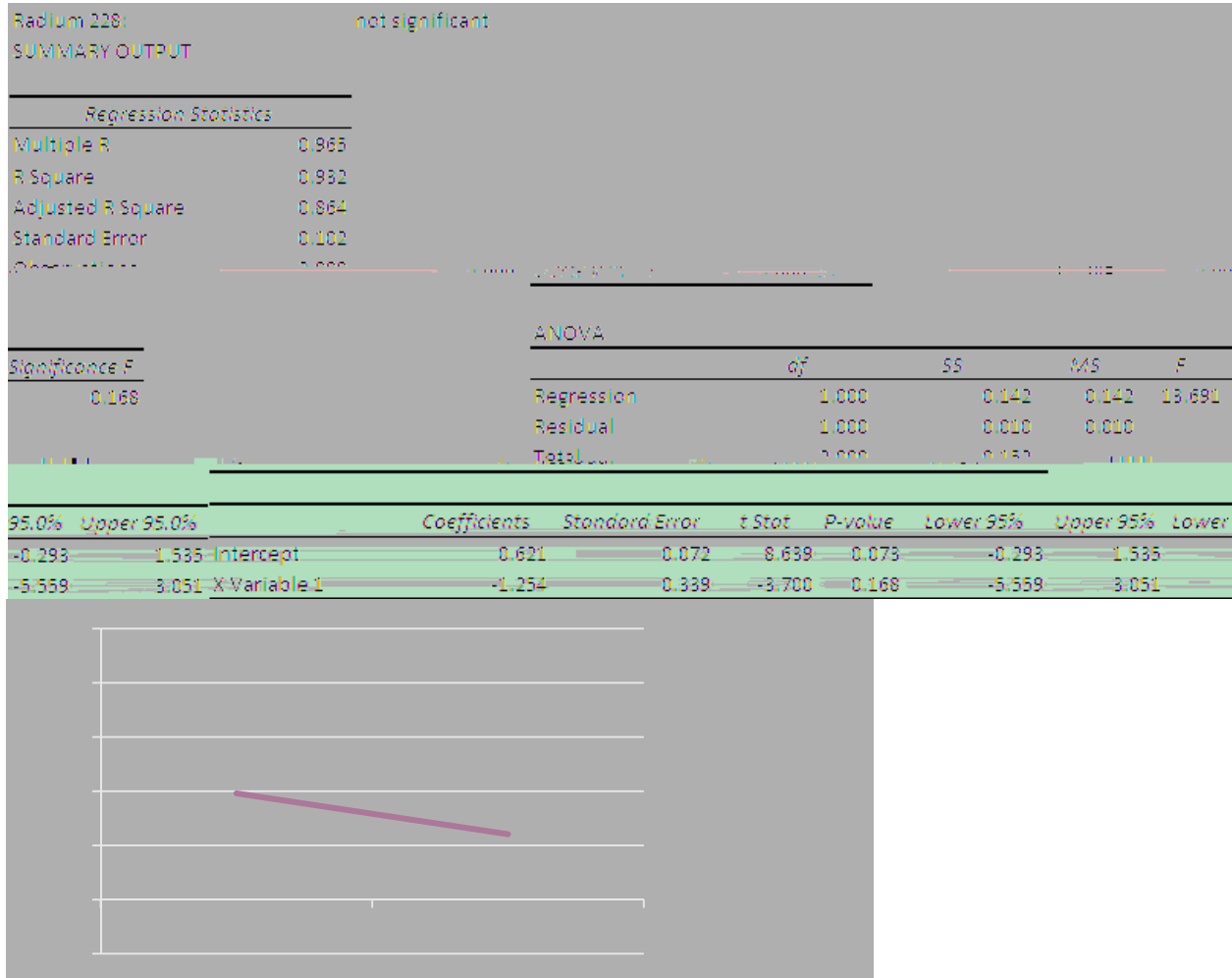
Gross Alpha



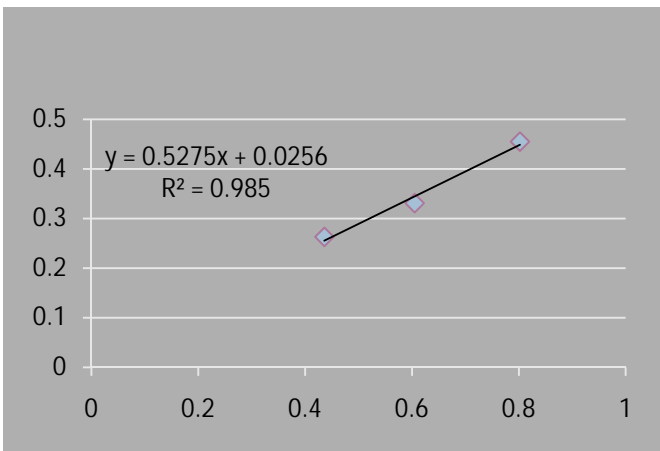
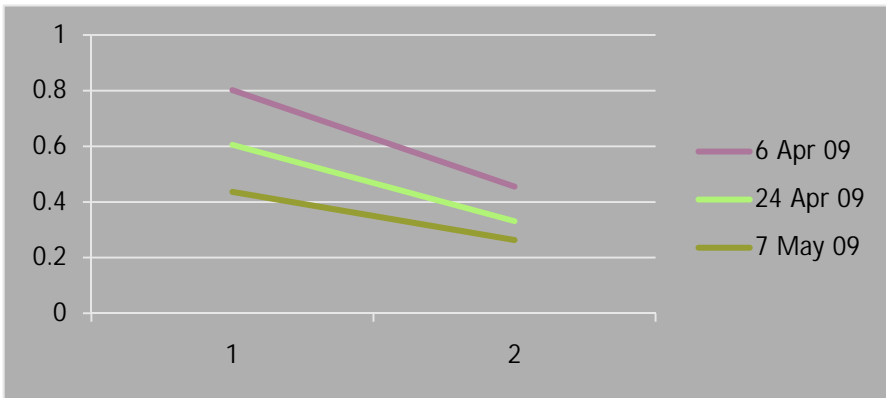
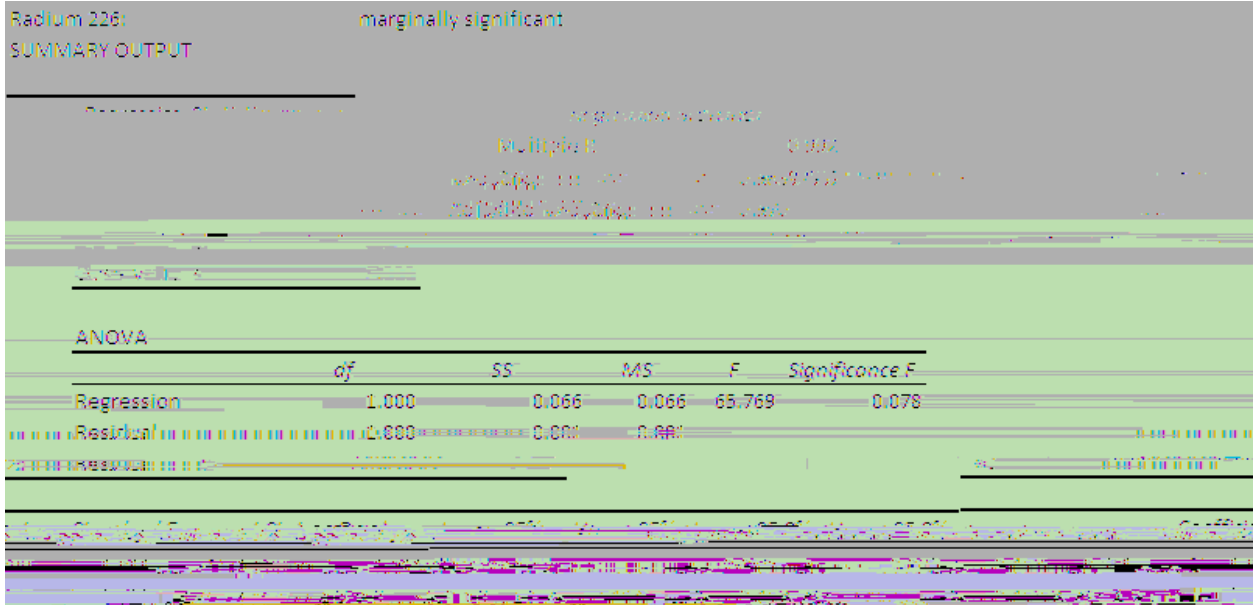
Gross Beta



Radium 228



Radium 226



Total Alpha Radium

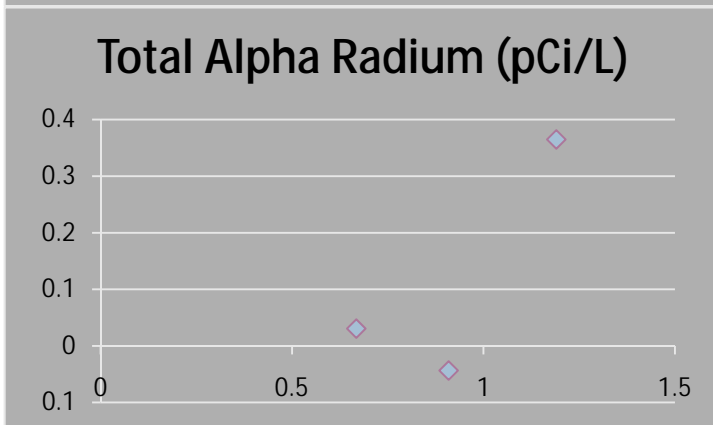
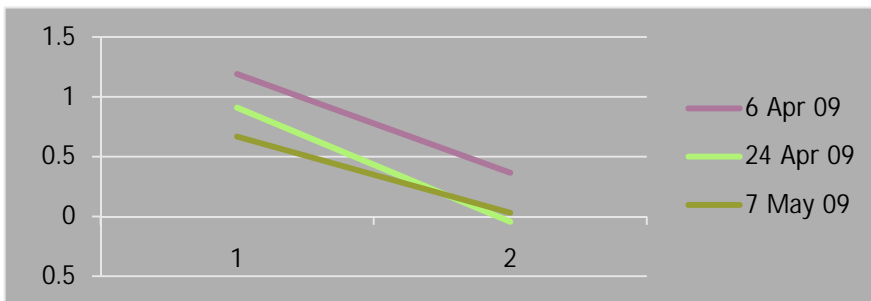
Total alpha radium: not significant

SUMMARY OUTPUT

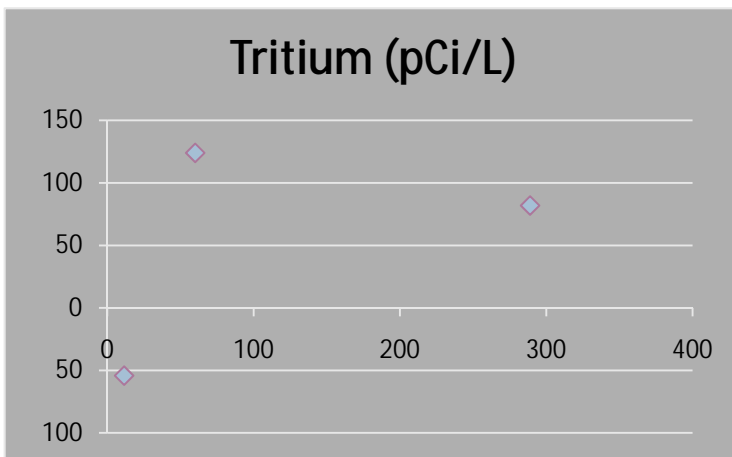
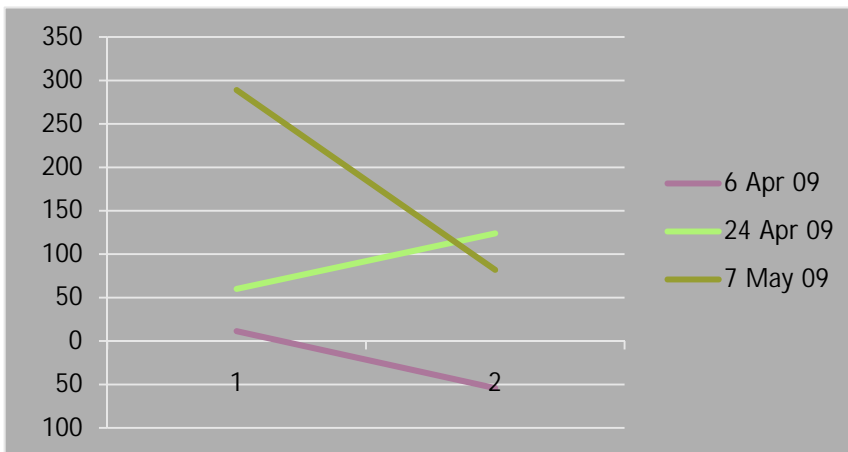
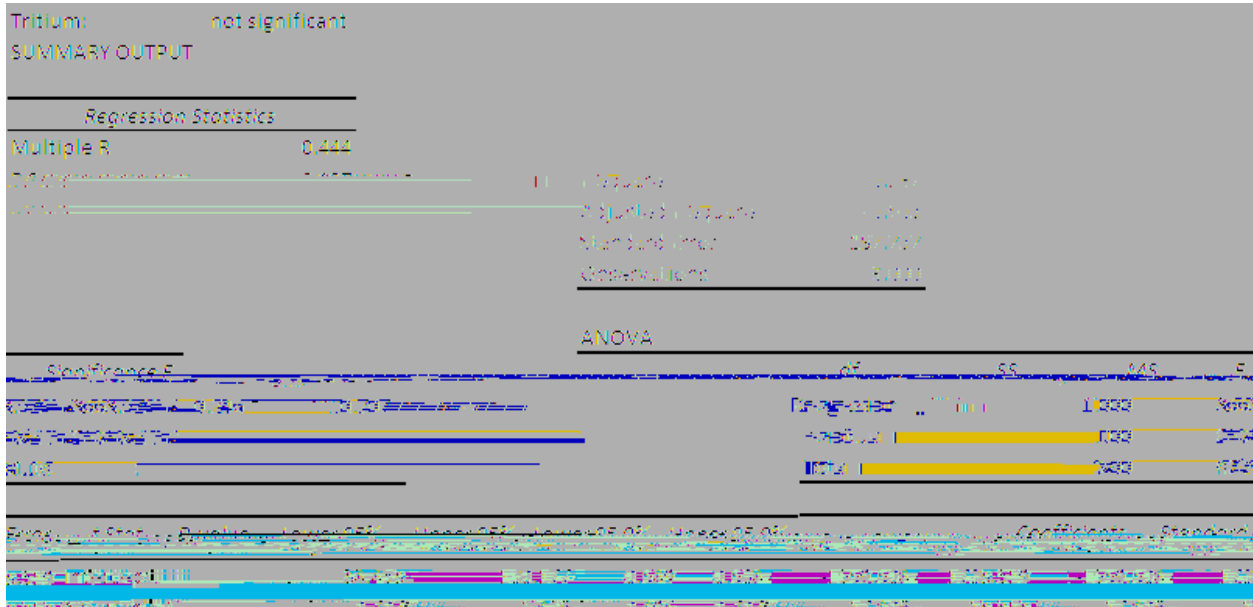
Regression Statistics	
Multiple R	0.796
R Square	0.633
Adjusted R Square	0.267
Standard Error	0.277

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.086	0.086	1.727	0.414
Residual	1.000	0.050	0.050		
Total	2.000	0.137			

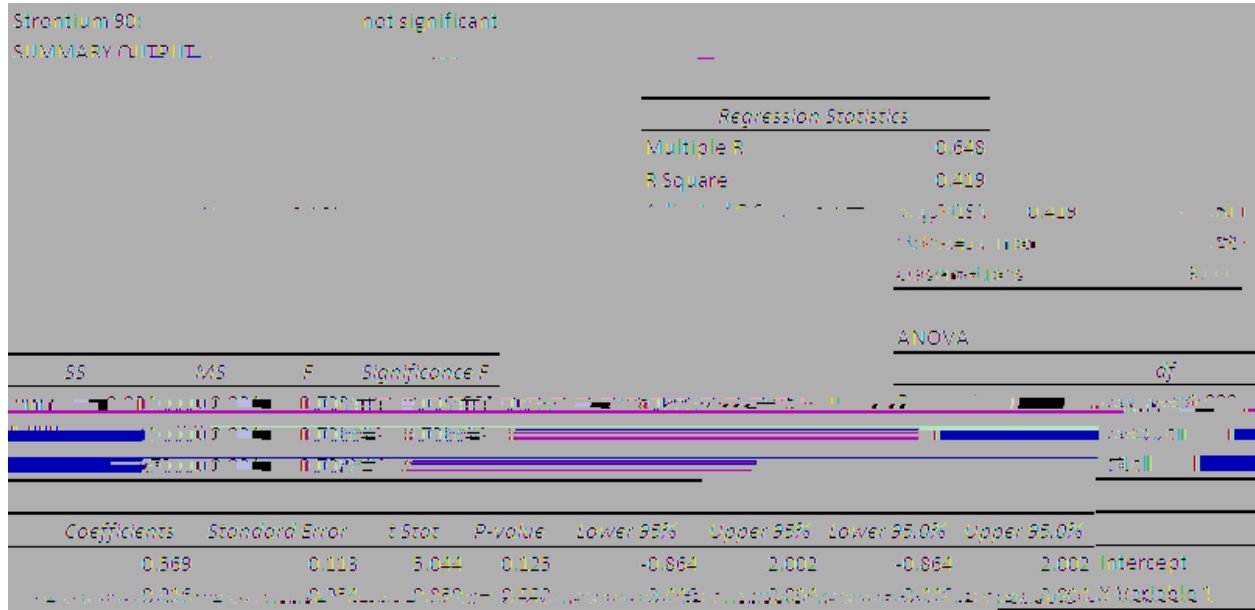
	Lower 95%	Upper 95%	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0.270	0.457	0.010	0.157	0.033	0.100	0.417	



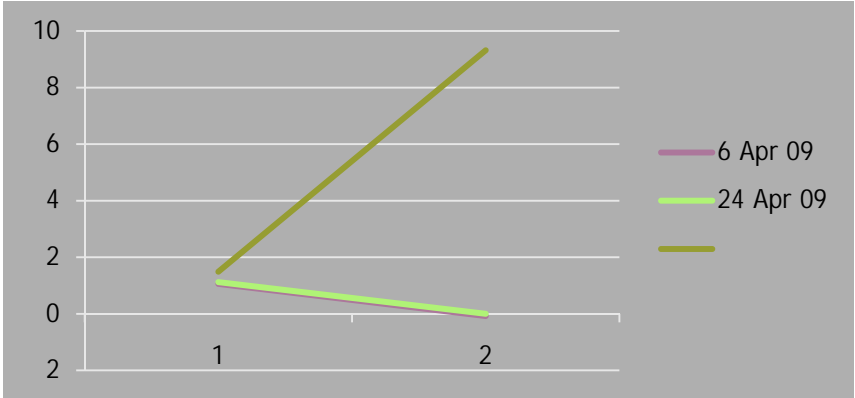
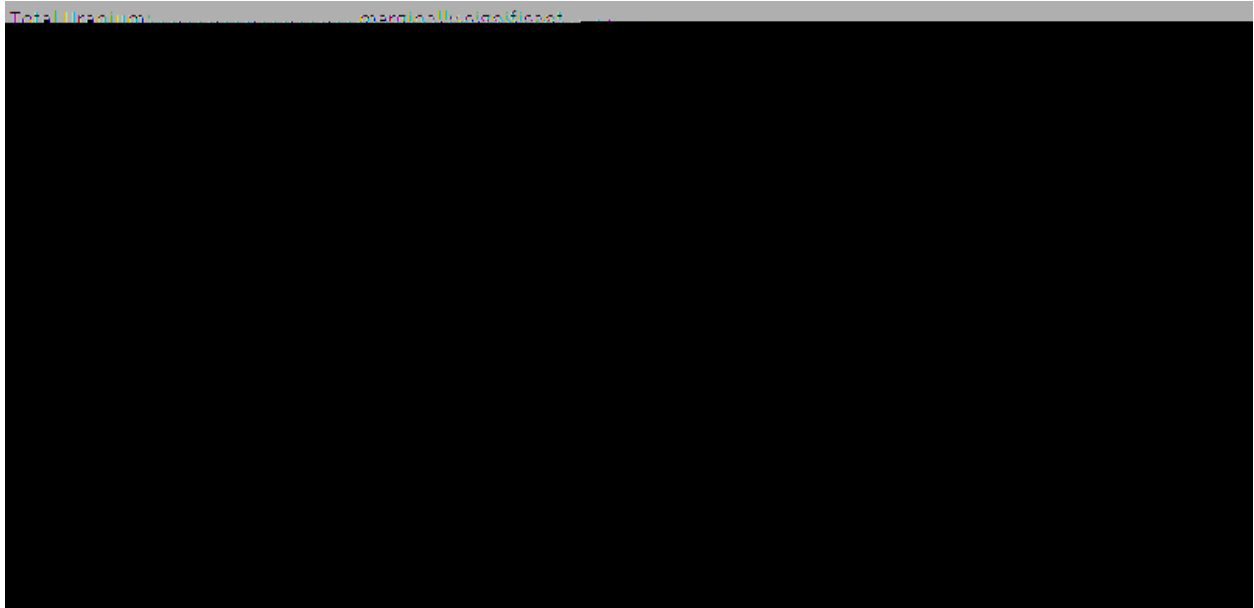
Tritium



Strontium 90

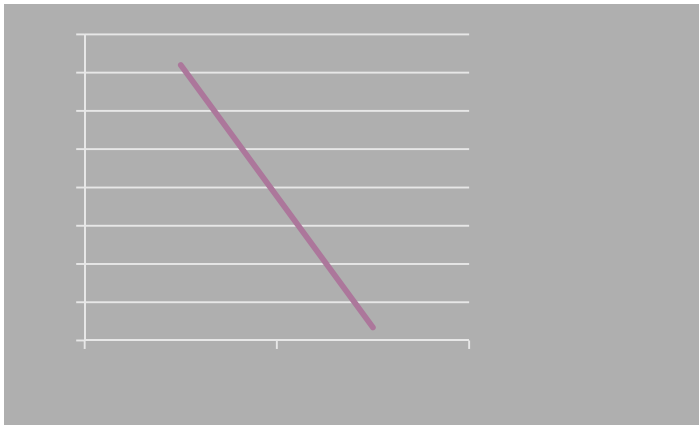
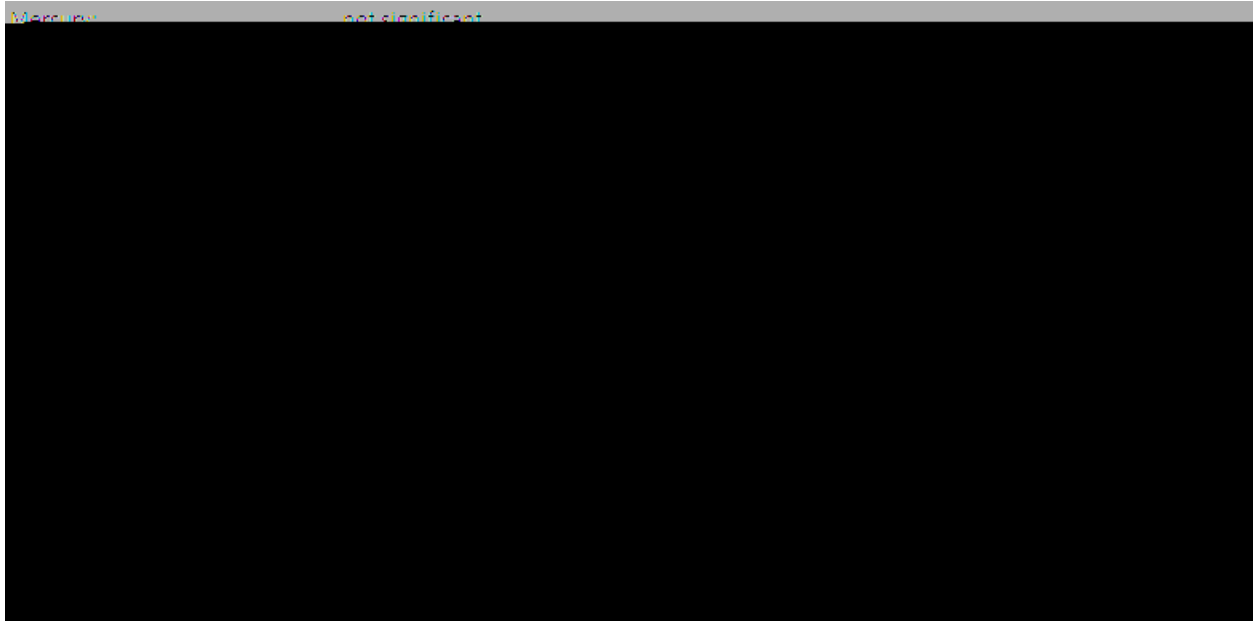


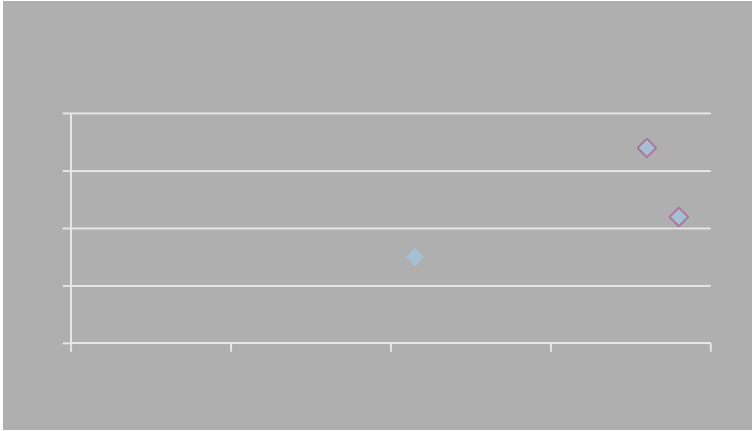
Uranium, total



Rhyolite sand – surface modified zeolite – granular activated carbon (R-SMZ-GAC)

Mercury





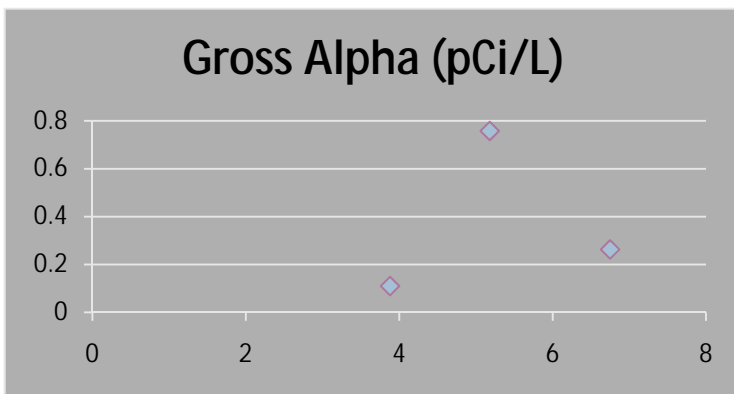
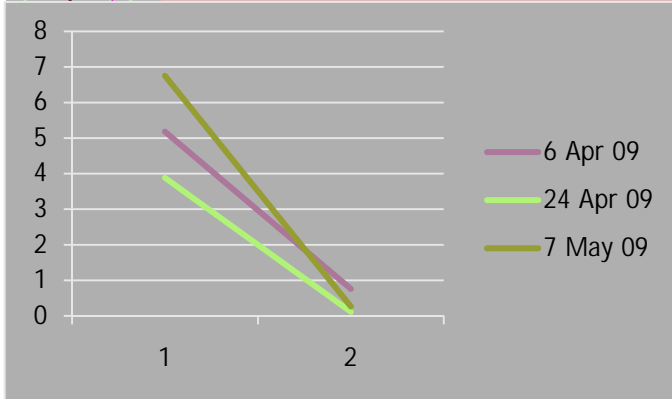
Gross Alpha

Gross alpha: not significant

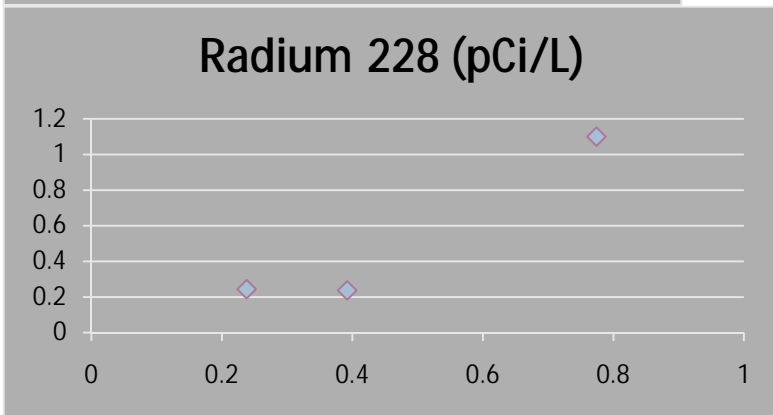
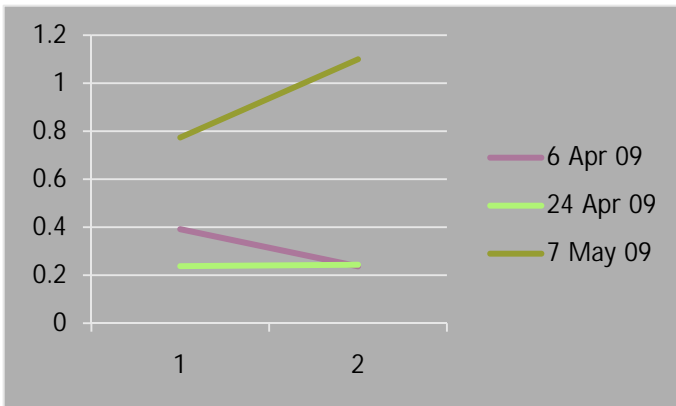
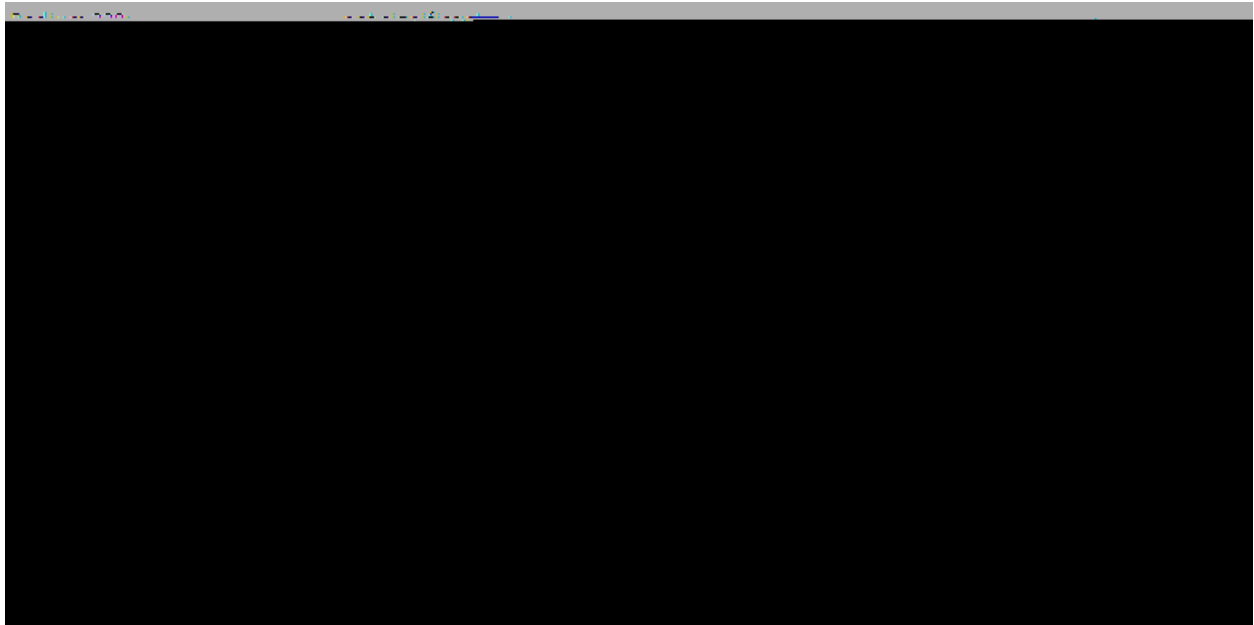
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.273
R Square	0.030
Adjusted R Square	-0.117
Standard Error	4.007

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.123	0.123	0.031	0.890
Residual	1.000	4.007	4.007		
Total	2.000	4.130			



Radium 228



Radium 226

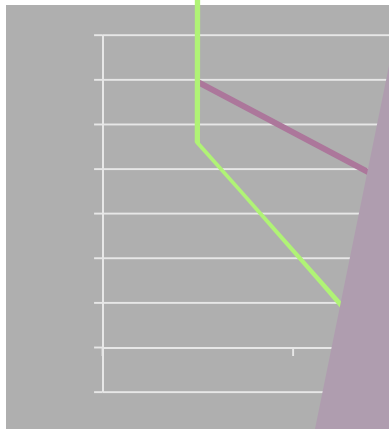
Total Alpha Radium

total alpha radium not significant
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.817
R Square	0.667
Adjusted R Square	0.334
Standard Error	0.213
Observations	3.000

ANOVA		
	df	SS
Regression	1.000	0.09
Residual	1.000	0.1
Total	2.000	0.19

Regression Coefficients
Intercept = 0.0000
X = 0.0000



Tritium

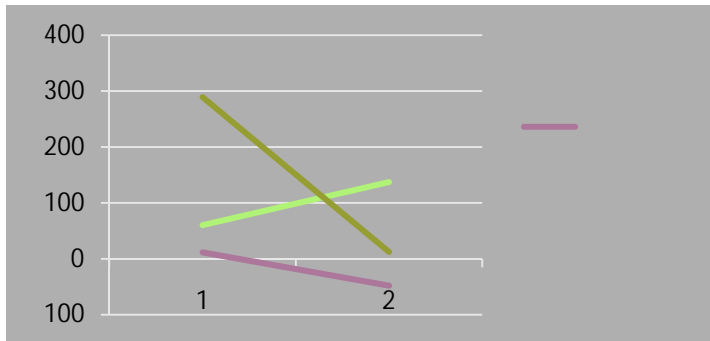
Tritium: not significant

SUMMARY OUTPUT

Regression Statistics		ANOVA	
R Square	0.0000	df	SS
Adjusted R Square	-0.0000	MS	F
Standard Error	1798.572	Significance F	
Observations	2		

	df	SS	MS	F	Significance F
Regression	1	0.0000	0.0000	0.0000	1.0000
Residual	1	31566432.0000	31566432.0000	15.8889	0.0000
Total	2	31566432.0000			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	1798.572	120.964	14.870	0.0000	1554.648	2042.496
Time	-1798.572	120.964	-14.870	0.0000	-2042.496	-1554.648



Strontium 90

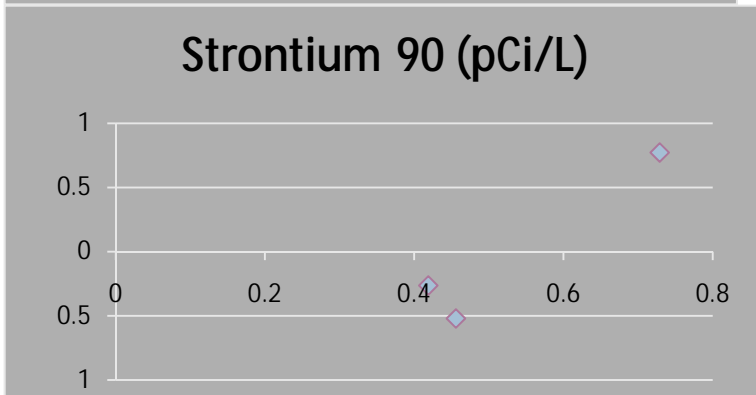
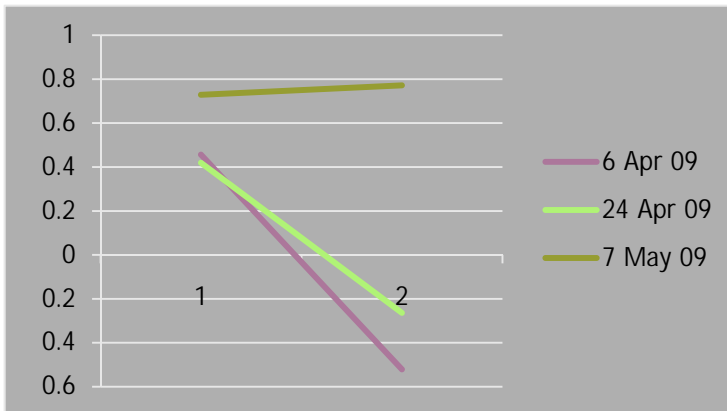
Strontium 90: not significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.956
R Square	0.914
Adjusted R Square	0.827
Standard Error	0.070
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	0.0044	0.0044	0.0000	0.9999
Residual	2	0.0044	0.0022	0.0000	0.9999
Total	3	0.0044	0.0015		

	Upper 95.0%		Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%
9	1.052	Intercept	0.536	0.041	13.183	0.048	0.019	1.052	0.019
7	1.160	X Variable 1	0.236	0.073	3.252	0.0190	-0.687	1.160	-0.687



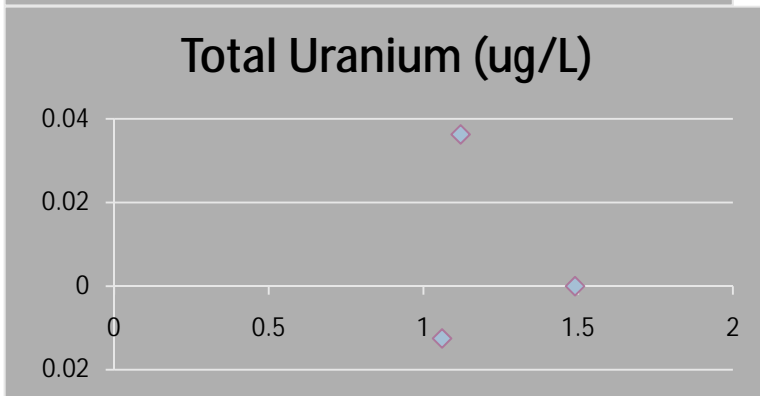
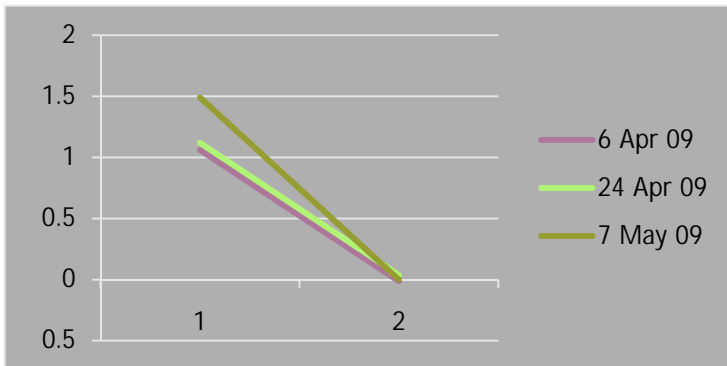
Uranium, Total

Uranium: not significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.145
R Square	0.021
Adjusted R Square	-0.958
Standard Error	0.326
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.002	0.002	0.021	0.908
Residual	1.000	0.106	0.106		
Total	2.000	0.108			



Layered site filter sand, site zeolite, and granular activated carbon (layered S-Z-GAC)

Mercury

Mercury regression and trend significant

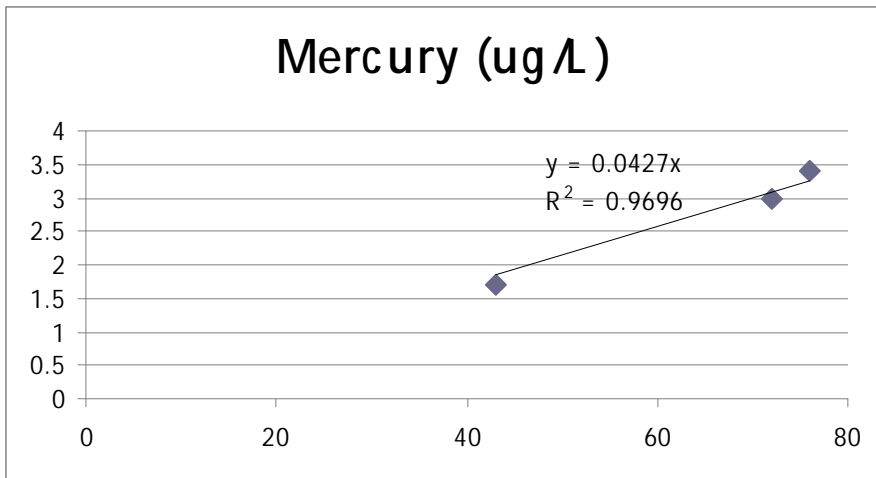
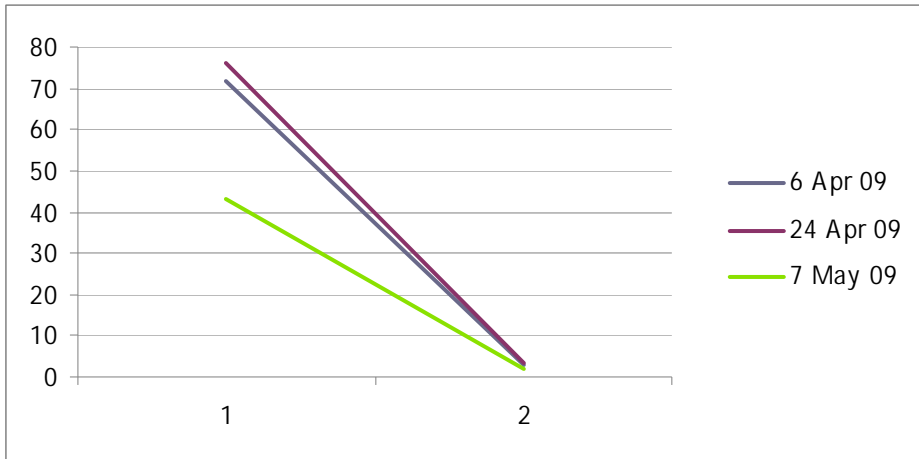
SUMMARY OUTPUT

no intercept (wasn't significant)

Regression Statistics	
Multiple R	0.999
R Square	0.998
Adjusted R Square	0.498
Standard Error	3.621
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	12782.783	12782.783	975.134	0.020
Residual	2.000	26.217	13.109		
Total	3.000	12809.000			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	0.000	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
X Variable 1	23.348	0.748	31.227	0.001	20.131	26.565	20.131	26.565



Gross Alpha

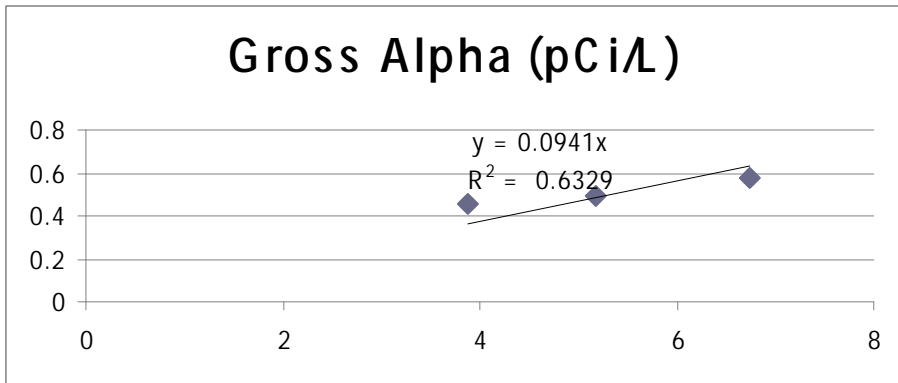
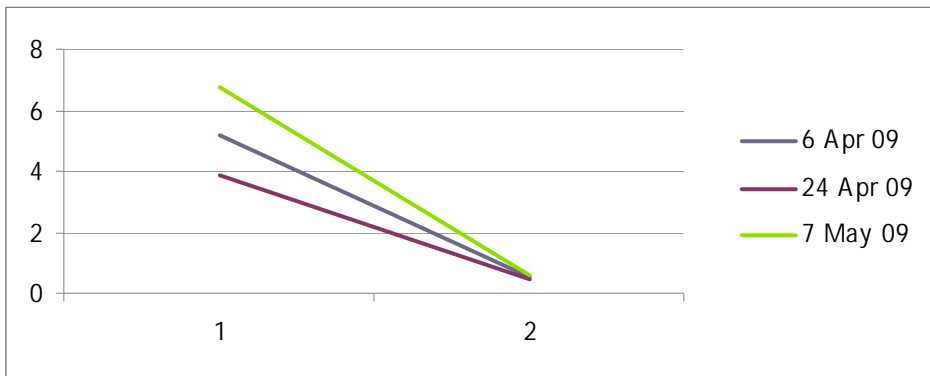
Gross alpha: significant w/o constant term

SUMMARY OUTPUT

no intercept (wasn't significant)

Regression Statistics	
Multiple R	0.992
R Square	0.985
Adjusted R Square	0.485
Standard Error	0.817
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	65.112	65.112	120.000	0.050
Residual	2.000	1.025	0.512		
Total	3.000	66.137			



Gross Beta

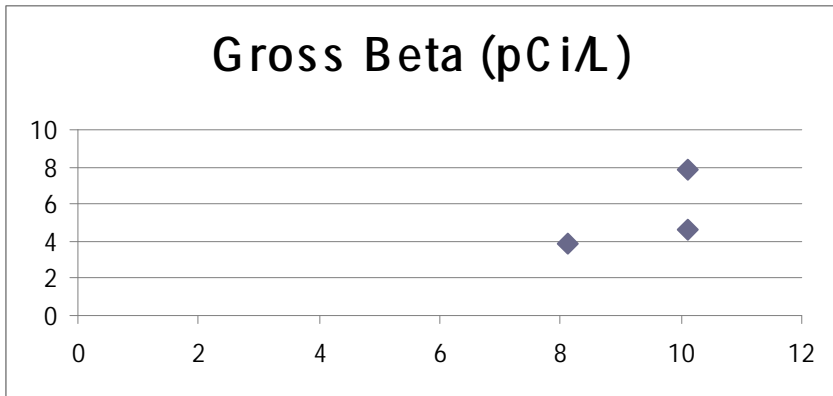
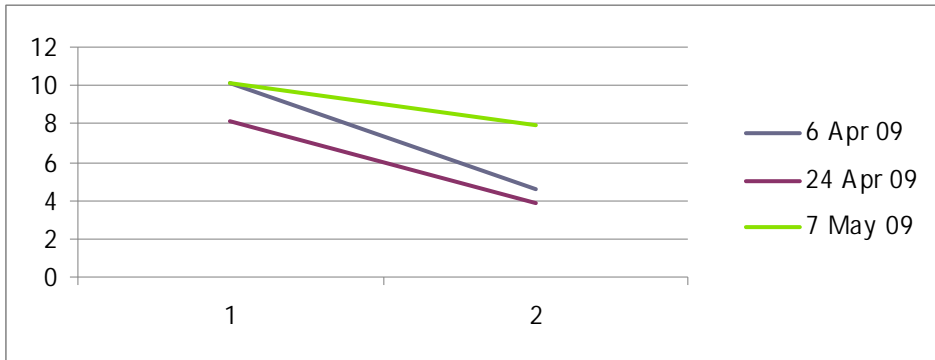
Gross beta: not significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.650
R Square	0.423
Adjusted R Square	-0.155
Standard Error	1.235
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	1.116	1.116	0.732	0.549
Residual	1.000	1.524	1.524		
Total	2.000	2.640			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	7.554	2.313	3.266	0.189	-21.838	36.946	-21.838	36.946
X Variable 1	0.346	0.405	0.855	0.549	-4.794	5.486	-4.794	5.486



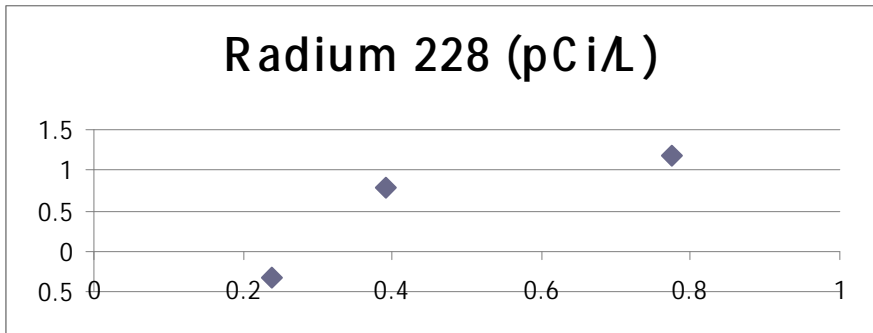
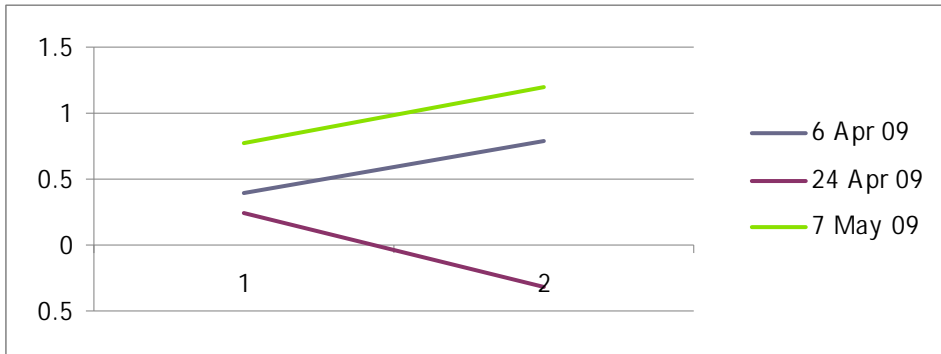
Radium 228

Radium 228: not significant
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.874
R Square	0.765
Standard Error	0.189
Observations	3.000

ANOVA

	df	SS	MS	F	Significance F

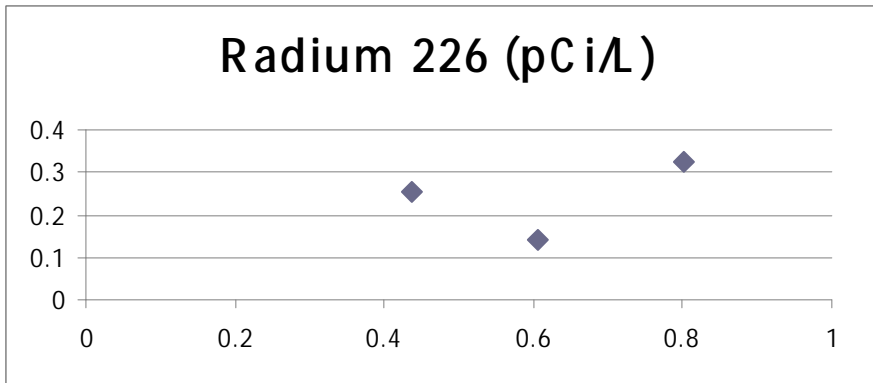
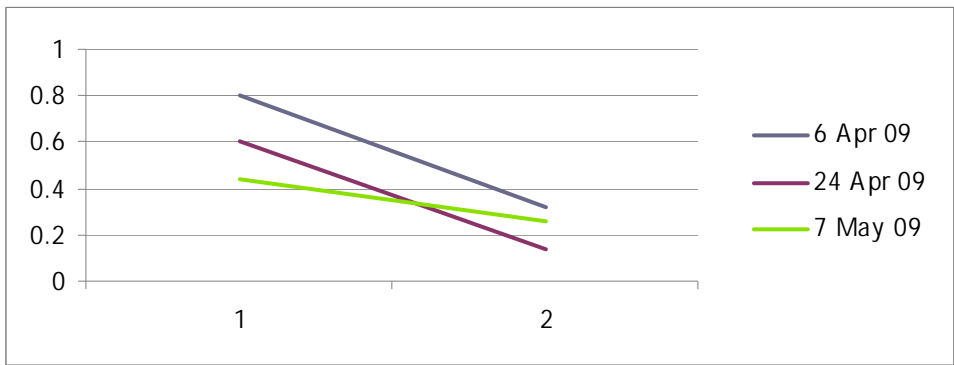


Radium 226

Radium 226: not significant
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.408
R Square	0.167
Adjusted R Square	0.003
Standard Error	0.236
Observations	3.000

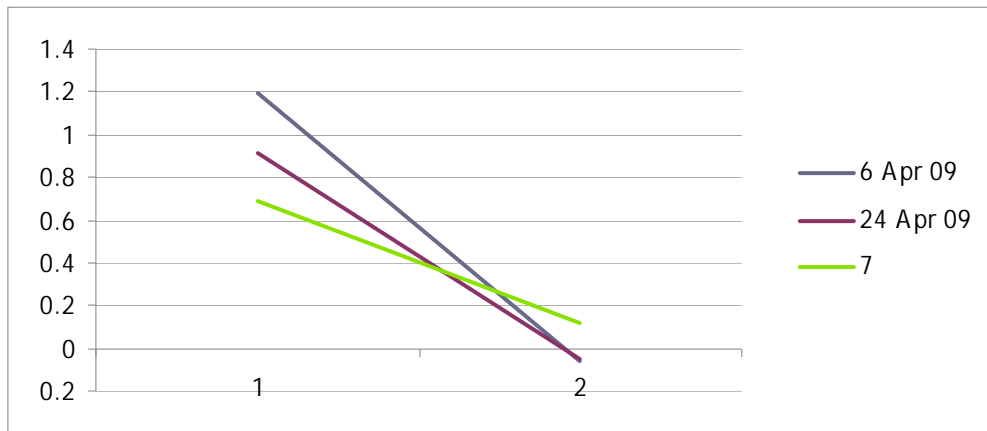
ANOVA						
	df	SS	MS	F	Significance F	
Regression	1.000	0.011	0.011	0.200	0.732	
Residual	1.000	0.056	0.056			
Total	2.000	0.067				



Total Alpha Radium

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.848
R Square	0.719
Adjusted R Square	0.439
Standard Error	0.188



Tritium

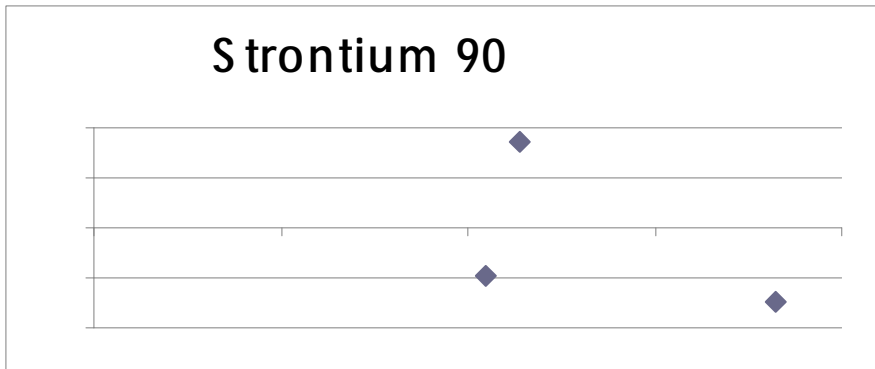
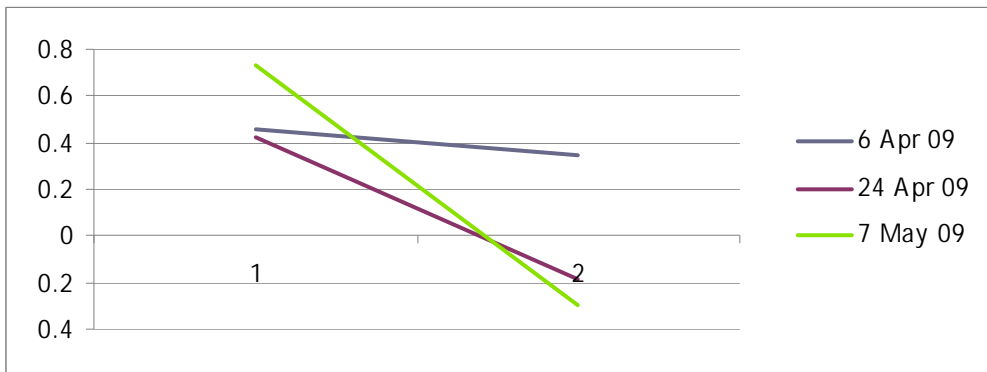
Strontium 90

Strontium 90: not significant

Regression Statistics

R Square	0.296
Adjusted R Square	-0.408
Standard Error	0.201
Observations	3.000

ANOVA



Uranium, Total

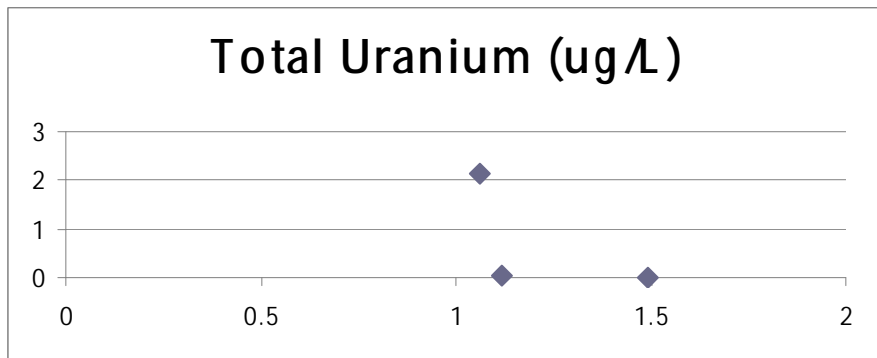
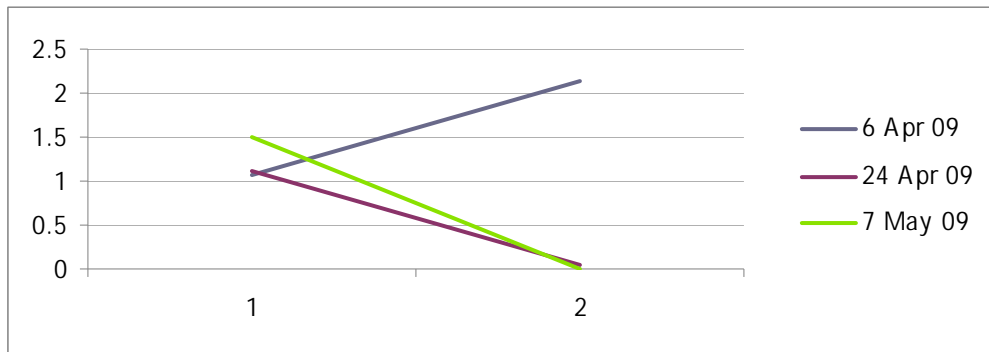
Total Uranium: not significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.626
R Square	0.392
Adjusted R Square	-0.217
Standard Error	0.257
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.042	0.042	0.644	0.570
Residual	1.000	0.066	0.066		
Total	2.000	0.108			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.311	0.184	7.120	0.089	-1.028	3.650	-1.028	3.650
X Variable 1	-0.120	0.150	-0.802	0.570	-2.022	1.782	-2.022	1.782



Gross Beta

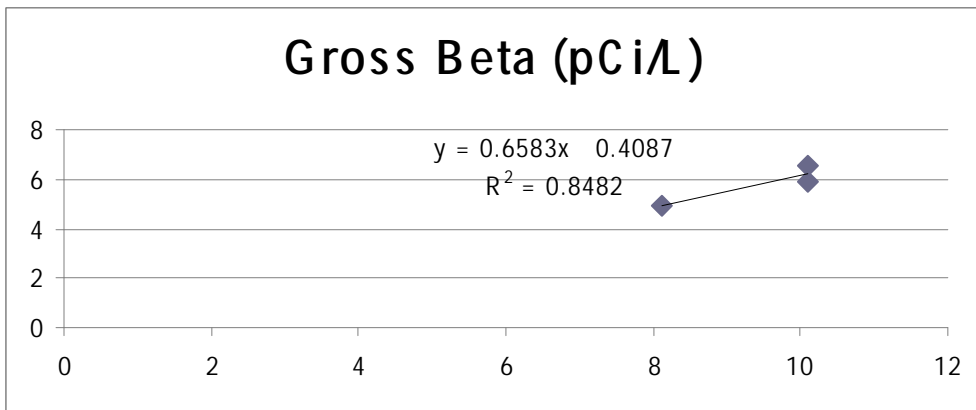
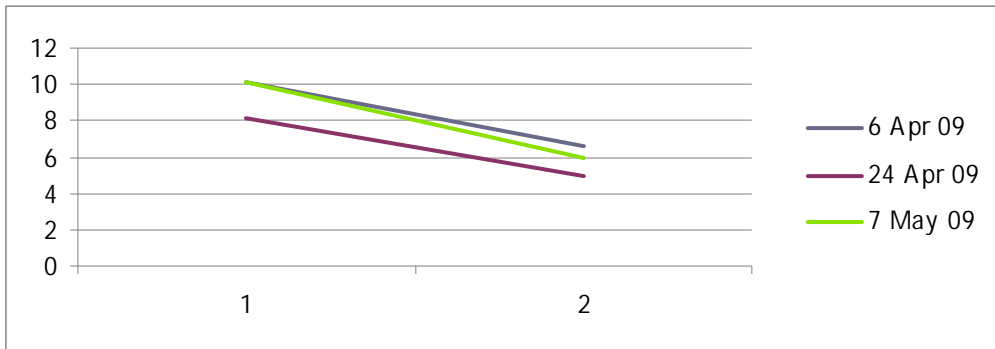
Gross Beta: nothing significant

Regression Statistics

Multiple R	0.921
R Square	0.848
Adjusted R Square	0.696
Standard Error	0.633
Observations	3.000

ANOVA

	df	SS	MS	F	Significance F
Regression	1.000	2.239	2.239	5.586	0.255
Residual	1.000	0.401	0.401		
Total	2.000	2.640			



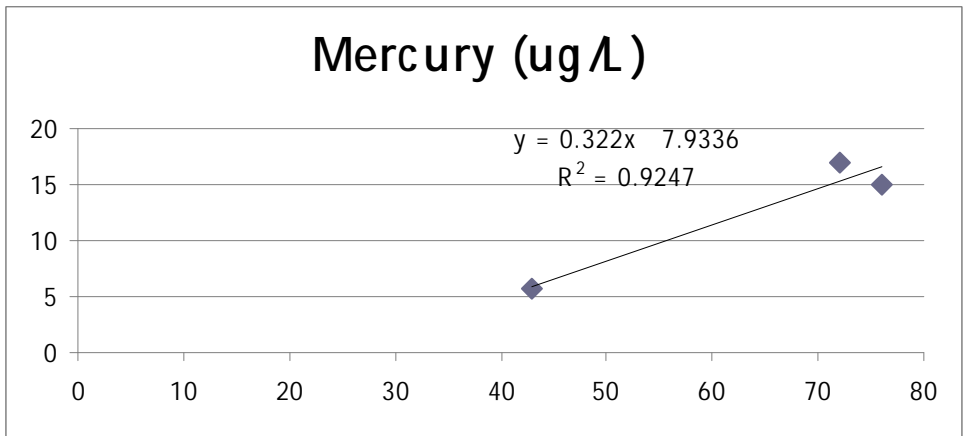
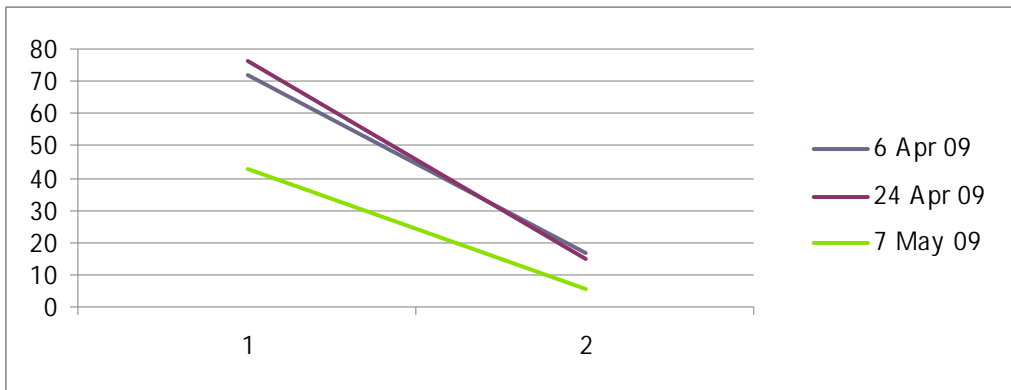
Mercury

Mercury: nothing significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.962
R Square	0.925
Adjusted R Square	0.849
Standard Error	6.987
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	599.853	599.853	12.289	0.177
Residual	1.000	48.814	48.814		
Total	2.000	648.667			



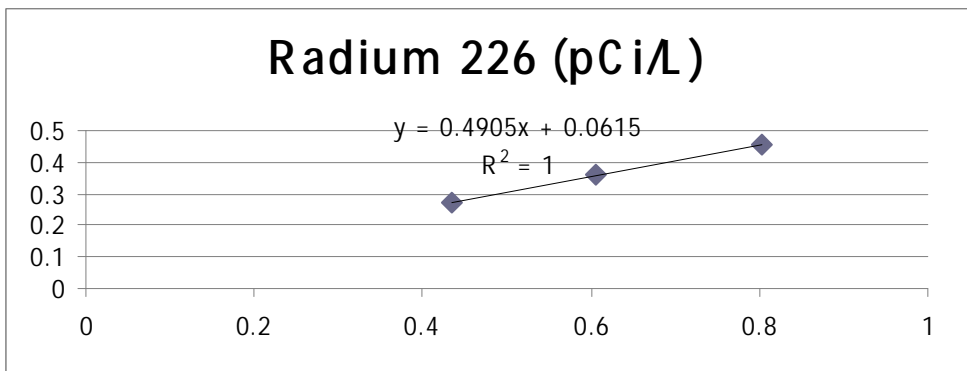
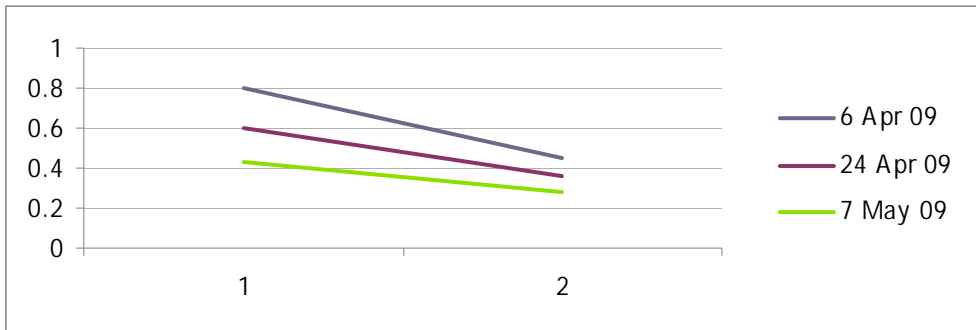
Radium 226

Radium 226: significant regression and all coefficients significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	1.000
R Square	1.000
Adjusted R Square	1.000
Standard Error	0.001
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.067	0.067	170045.026	0.002

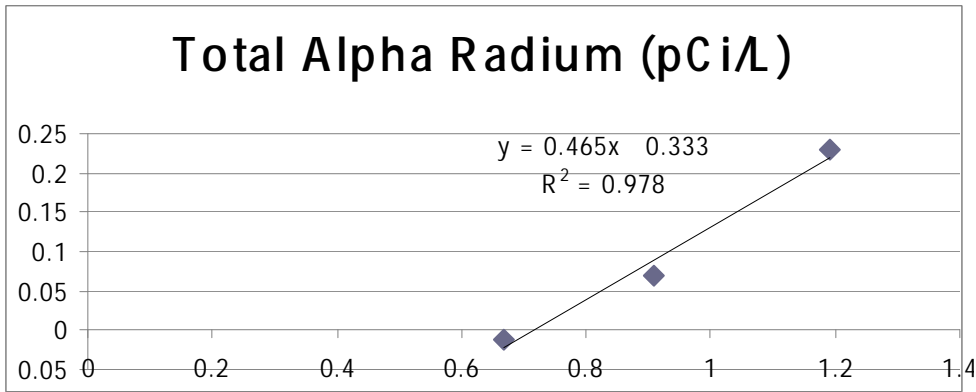
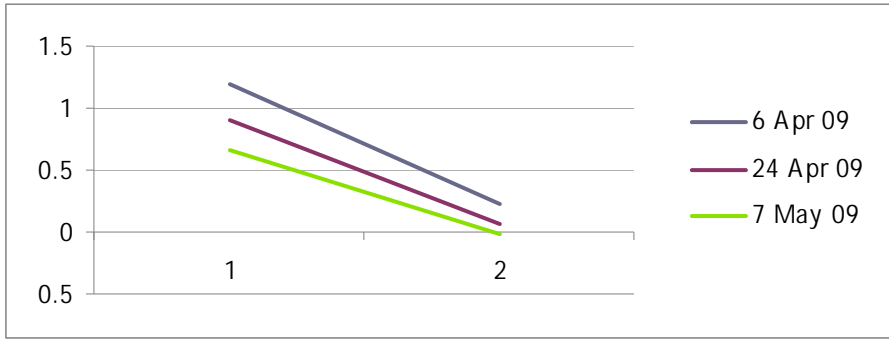


Total Alpha Radium

Total alpha Radium: significant regression and all coefficients significant at 0.1 alpha

Regression Statistics	
Multiple R	0.989
R Square	0.978
Adjusted R Square	0.956
Standard Error	0.055
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	0.134	0.134	44.384	0.095
Residual	1.000	0.003	0.003		
Total	2.000	0.137			



Tritium

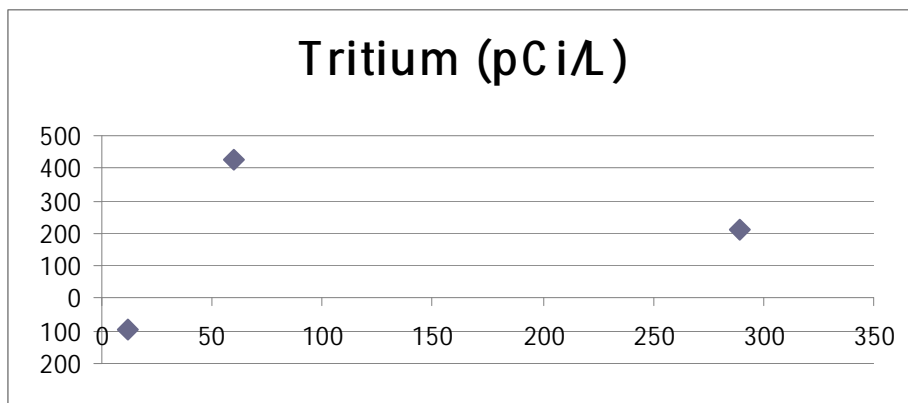
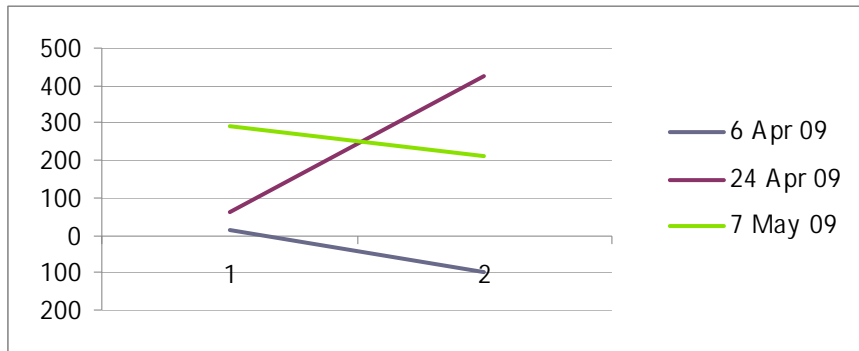
Tritium: nothing significant

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.262
R Square	0.069
Adjusted R Square	-0.862
Standard Error	202.236
Observations	3.000

ANOVA					
	df	SS	MS	F	Significance F
Regression	1.000	3021.836	3021.836	0.074	0.831
Residual	1.000	40899.304	40899.304		
Total	2.000	43921.140			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	93.695	152.122	0.616	0.649	-1839.199	2026.589	-1839.199	2026.589



Strontium 90

