

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000320.D
 Acq On : 21 Jun 2011 19:42
 Operator : HLM/JCSA
 Sample : C2622-03
 Misc : SOIL BNA_L HLM
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 05:25:10 2011
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL060911.M
 Quant Title : SW-846 Method 8270
 QLast Update : Wed Jun 22 15:00:59 2011
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.85	152	909071	40.00	ug/ml	0.00
22) Naphthalene-d8	12.18	136	2292628	40.00	ug/ml	0.00
39) Acenaphthene-d10	15.42	164	870527	40.00	ug/ml	0.00
62) Phenanthrene-d10	18.19	188	905691	40.00	ug/ml	0.00
78) Chrysene-d12	21.79	240	350335	40.00	ug/ml	0.00
86) Perylene-d12	23.87	264	246358	40.00	ug/ml	0.00

System Monitoring Compounds

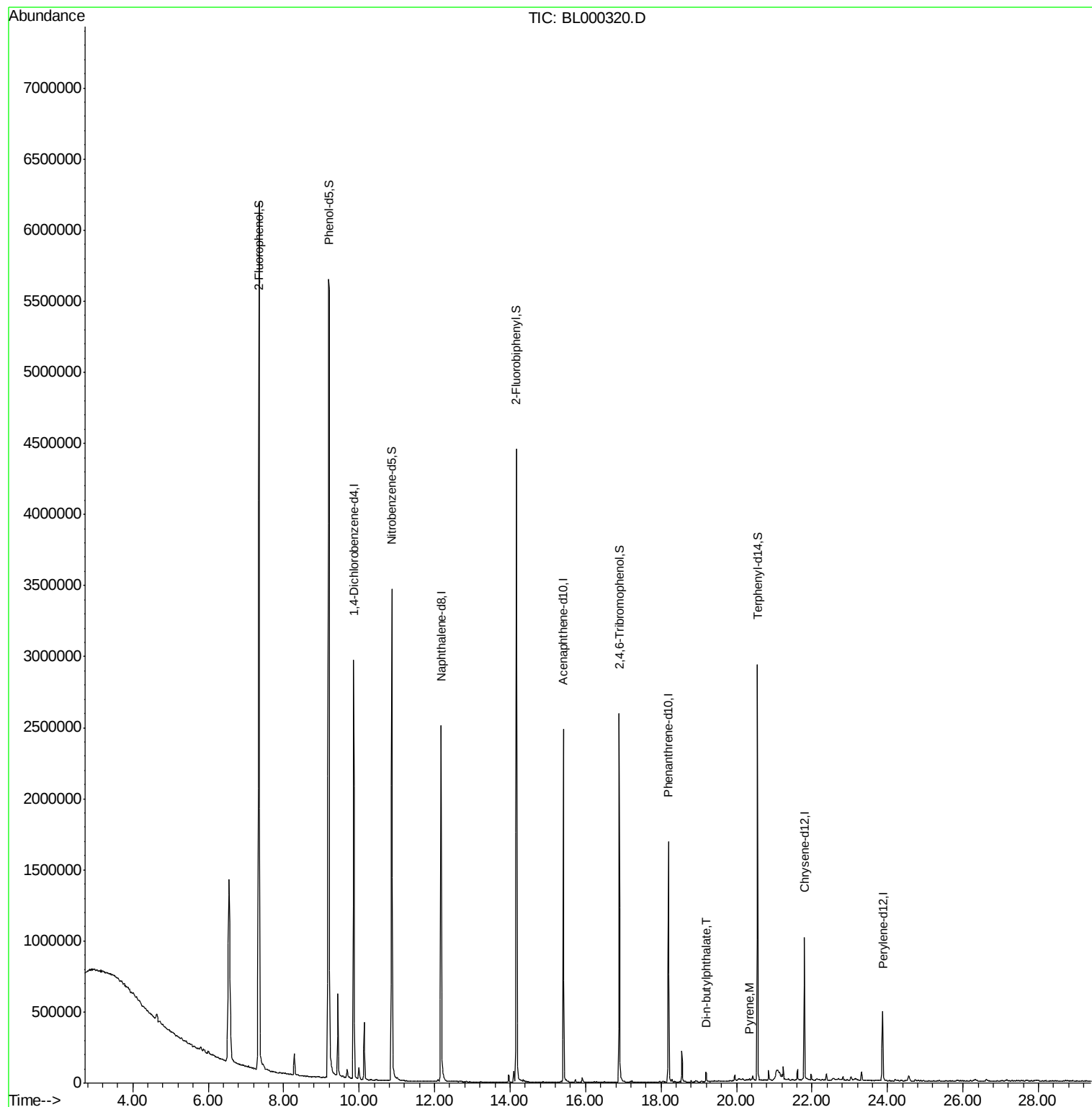
5) 2-Fluorophenol	7.36	112	4725165	138.63	ug/ml	0.04
Spiked Amount	200.000	Range	35 - 105	Recovery	=	69.31%
9) Phenol-d5	9.21	99	5503147	131.24	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	65.62%
23) Nitrobenzene-d5	10.87	82	2004893	88.29	ug/ml	0.00
Spiked Amount	100.000	Range	35 - 100	Recovery	=	88.29%
43) 2-Fluorobiphenyl	14.16	172	2494190	87.88	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	87.88%
61) 2,4,6-Tribromophenol	16.90	330	437581	156.86	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	78.43%
80) Terphenyl-d14	20.55	244	846714	138.00	ug/ml	0.00
Spiked Amount	100.000	Range	30 - 125	Recovery	=	138.00%#

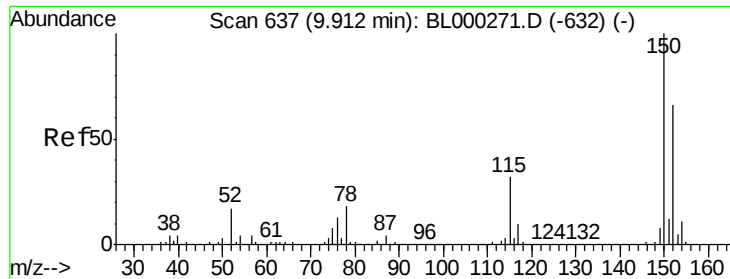
Target Compounds						Qvalue
76) Di-n-butylphthalate	19.20	149	72905	2.20	ug/ml	96
79) Pyrene	20.35	202	4437	1.67	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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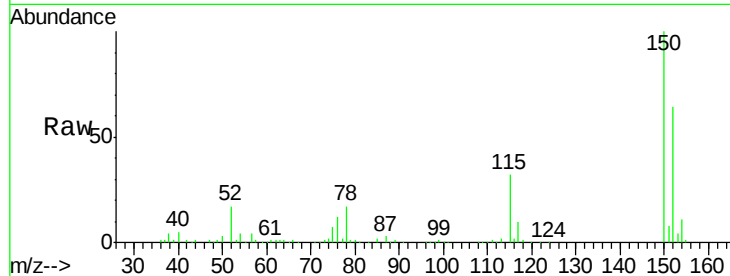
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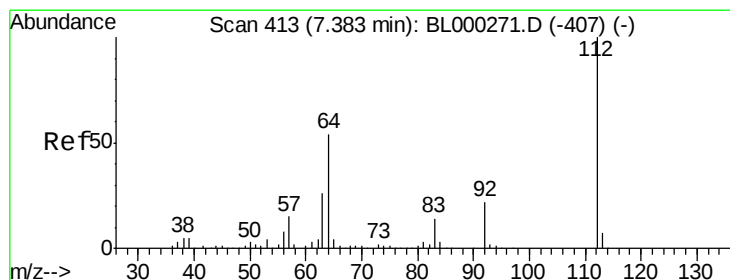
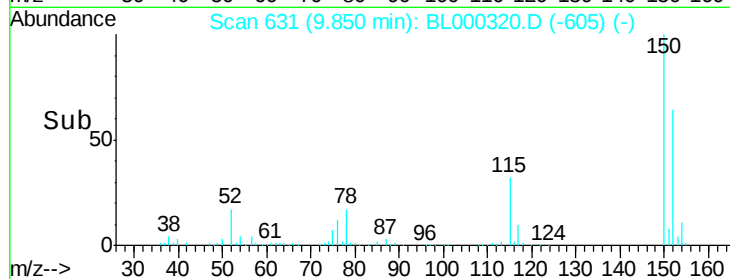
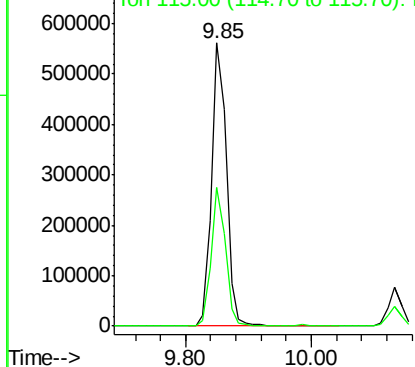


#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ug/ml
 RT: 9.85 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion:152 Resp: 909071
 Ion Ratio Lower Upper
 152 100
 115 49.2 27.0 67.0

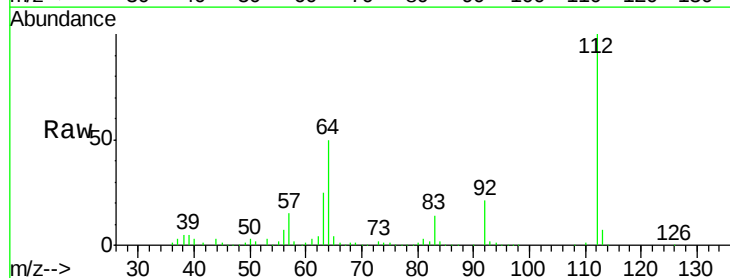


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 115.00 (114.70 to 115.70): E

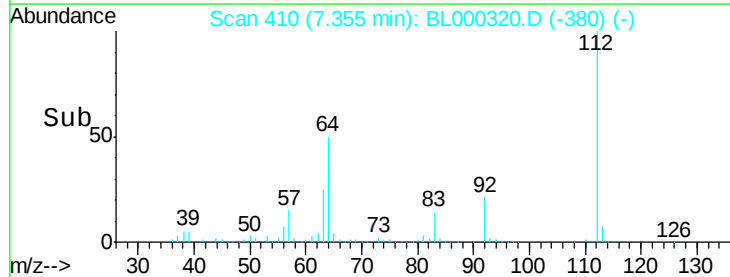
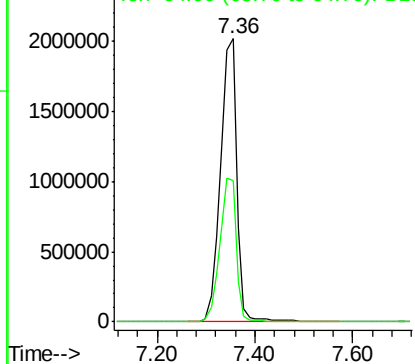


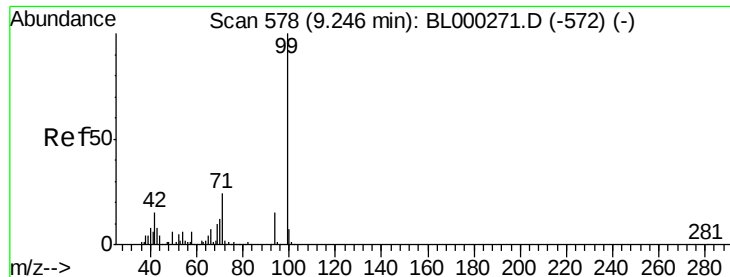
#5
 2-Fluorophenol
 Concen: 138.63 ug/ml
 RT: 7.36 min Scan# 410
 Delta R.T. 0.04 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion:112 Resp: 4725165
 Ion Ratio Lower Upper
 112 100
 64 49.8 32.8 72.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BL0





#9

Phenol-d5

Concen: 131.24 ug/ml

RT: 9.21 min Scan# 574

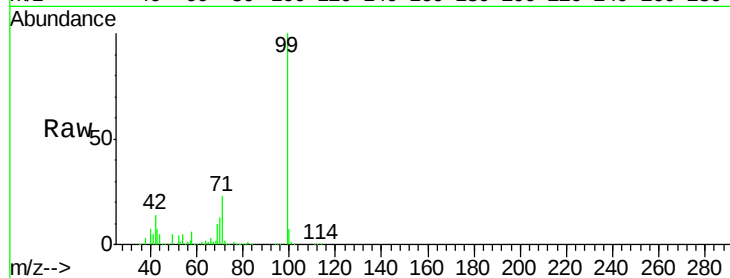
Delta R.T. 0.01 min

Lab File: BL000320.D

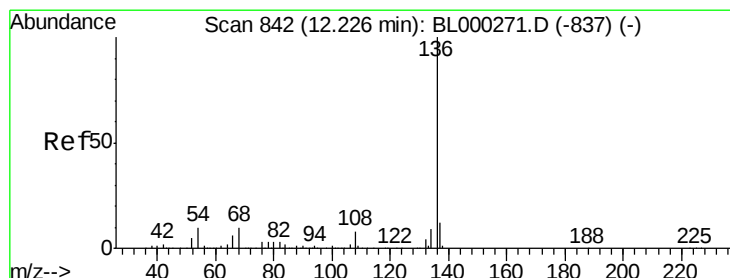
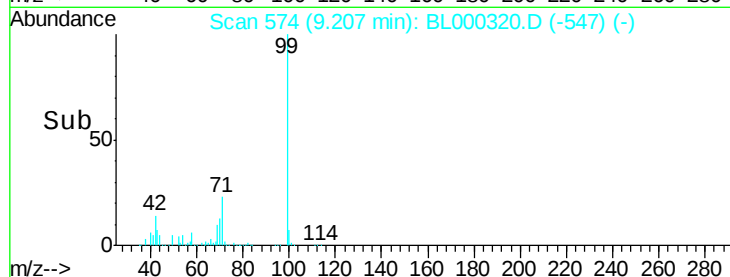
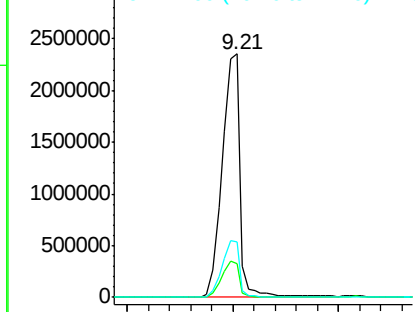
Acq: 21 Jun 2011 19:42

Tgt Ion: 99 Resp: 5503147

Ion	Ratio	Lower	Upper
99	100		
42	13.7	0.0	35.6
71	22.7	3.6	43.6



Abundance Ion 99.00 (98.70 to 99.70): BL0
Ion 42.00 (41.70 to 42.70): BL0
Ion 71.00 (70.70 to 71.70): BL0



#22

Naphthalene-d8

Concen: 40.00 ug/ml

RT: 12.18 min Scan# 837

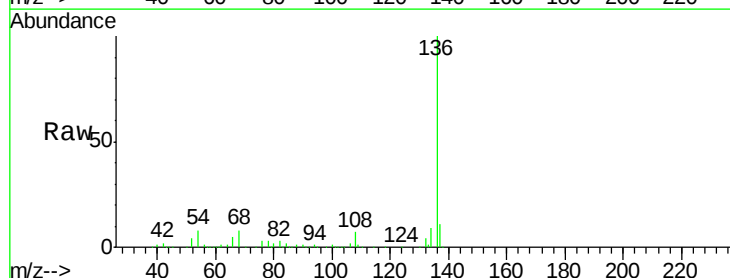
Delta R.T. -0.01 min

Lab File: BL000320.D

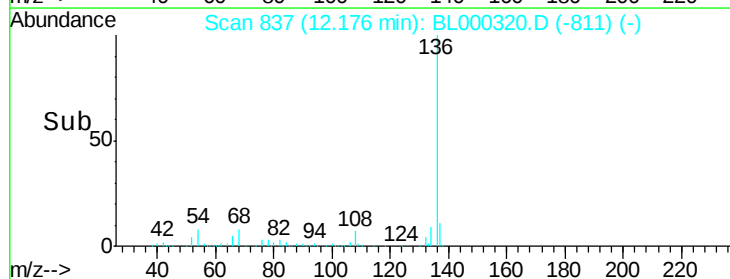
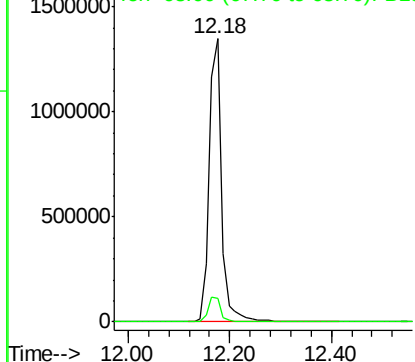
Acq: 21 Jun 2011 19:42

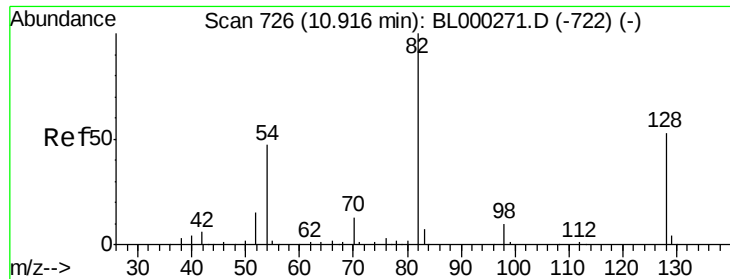
Tgt Ion: 136 Resp: 2292628

Ion	Ratio	Lower	Upper
136	100		
68	8.5	0.0	29.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 68.00 (67.70 to 68.70): BL0

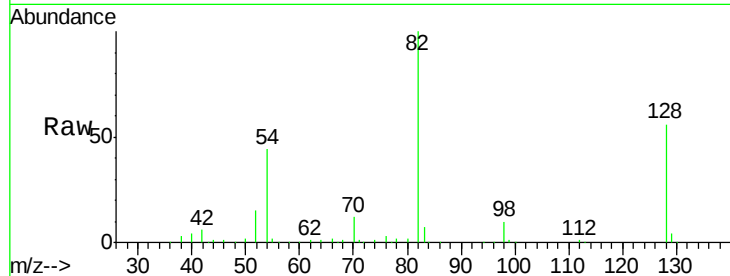




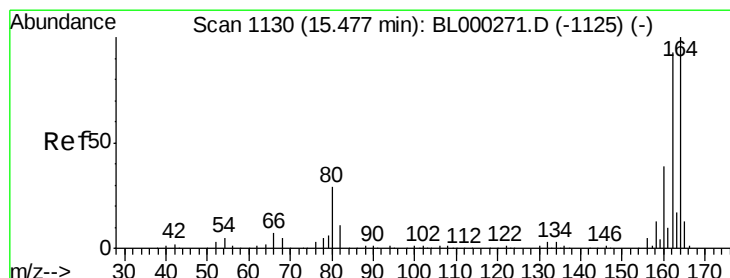
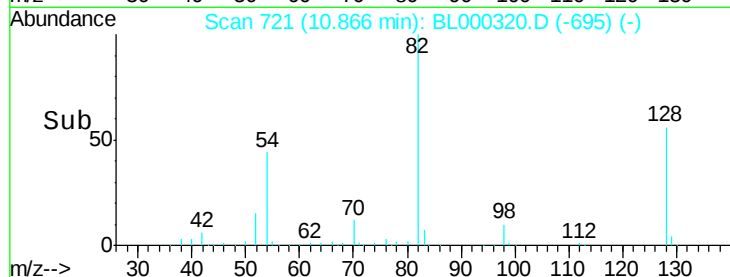
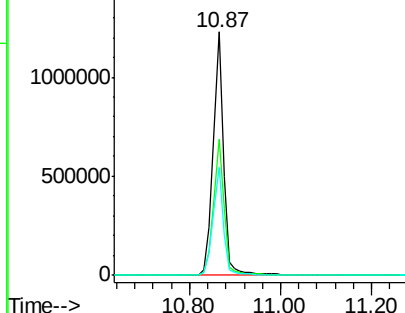
#23
 Nitrobenzene-d5
 Concen: 88.29 ug/ml
 RT: 10.87 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion: 82 Resp: 2004893

Ion	Ratio	Lower	Upper
82	100		
128	55.8	36.8	76.8
54	44.3	24.1	64.1



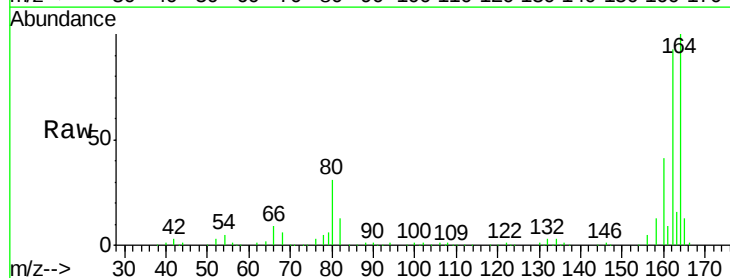
Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BL0



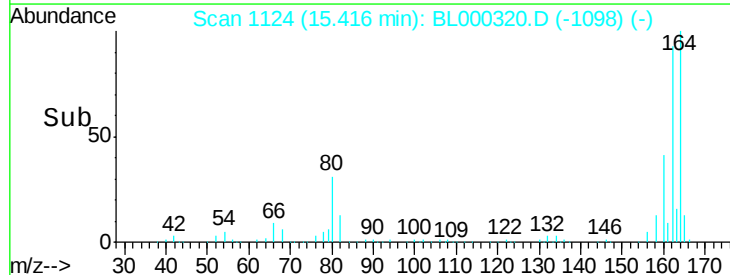
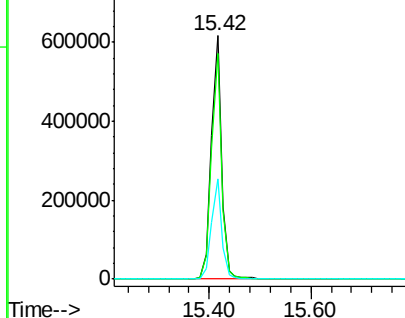
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.42 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

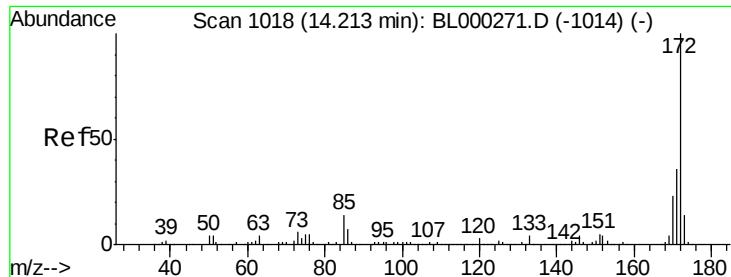
Tgt Ion: 164 Resp: 870527

Ion	Ratio	Lower	Upper
164	100		
162	92.7	72.4	112.4
160	41.1	19.7	59.7



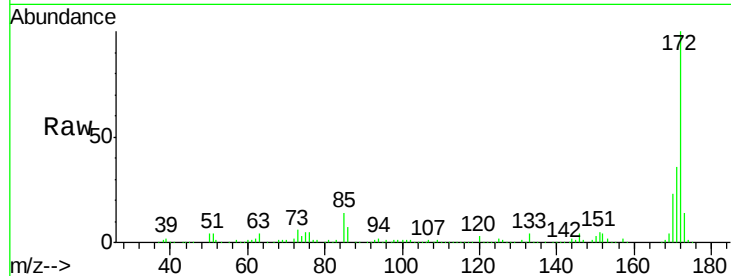
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



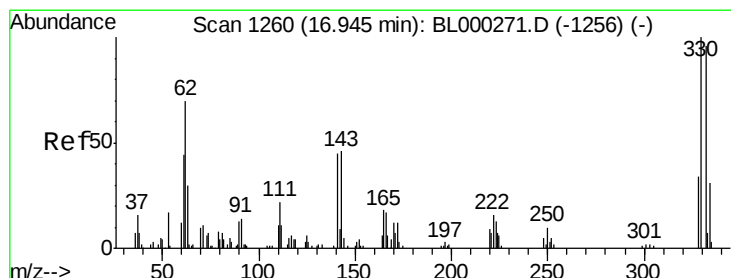
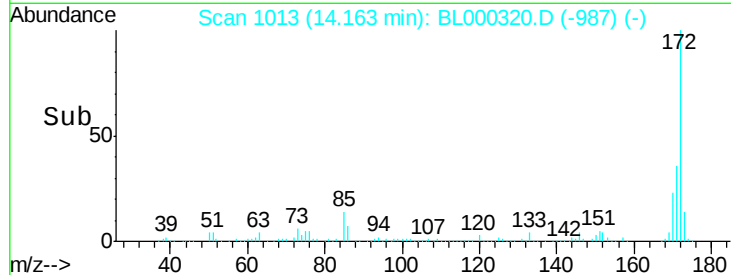
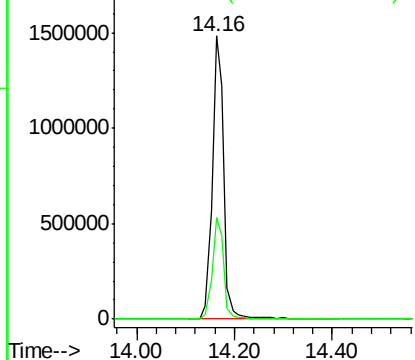


#43
 2-Fluorobiphenyl
 Concen: 87.88 ug/ml
 RT: 14.16 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion:172 Resp: 2494190
 Ion Ratio Lower Upper
 172 100
 171 36.0 16.0 56.0

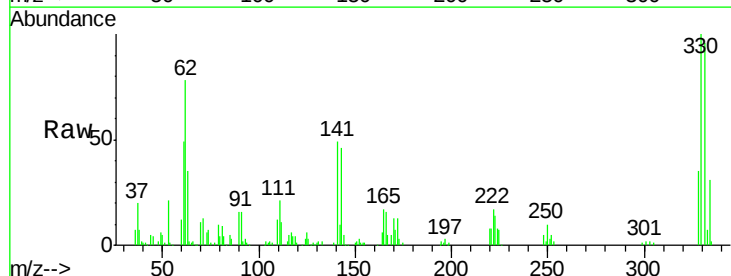


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E

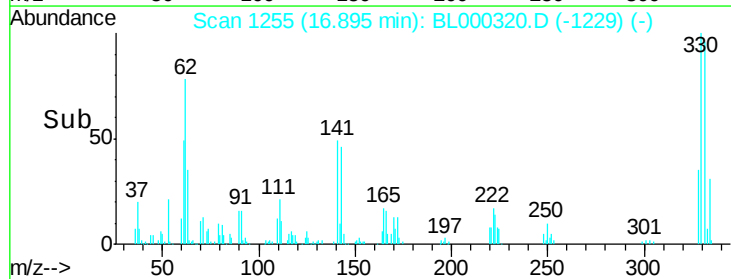
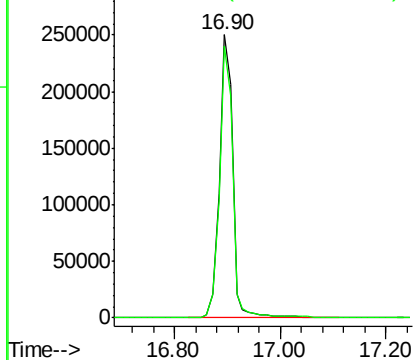


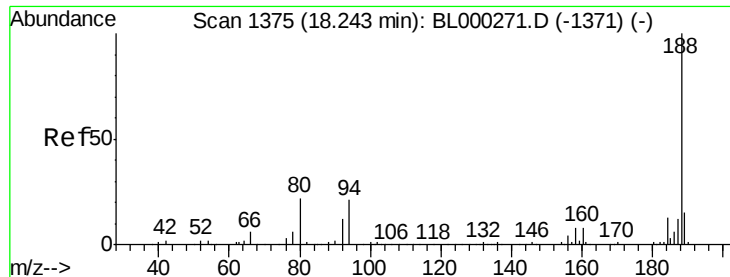
#61
 2,4,6-Tribromophenol
 Concen: 156.86 ug/ml
 RT: 16.90 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion:330 Resp: 437581
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E





#62

Phenanthrene-d10

Concen: 40.00 ug/ml

RT: 18.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BL000320.D

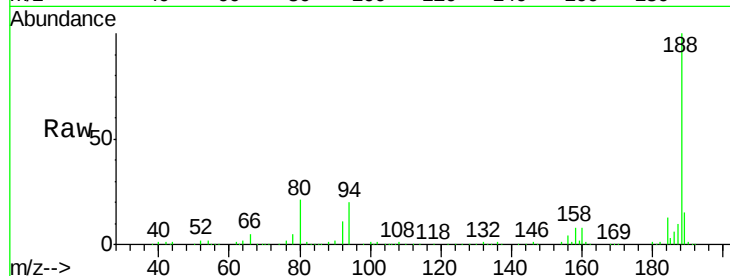
Acq: 21 Jun 2011 19:42

Tgt Ion:188 Resp: 905691

Ion Ratio Lower Upper

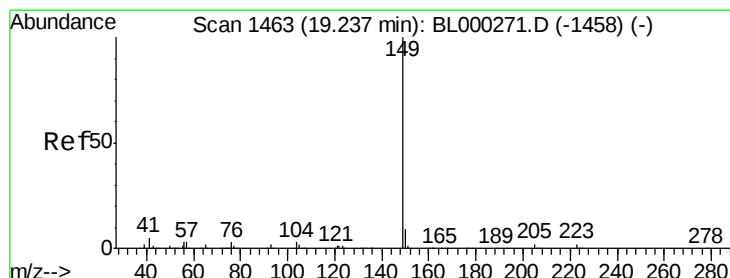
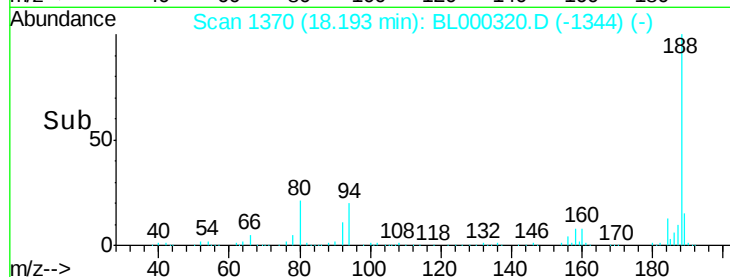
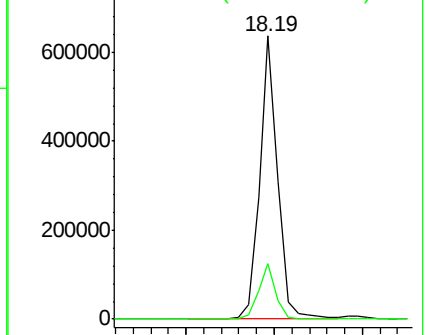
188 100

94 19.8 0.0 39.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BL0



#76

Di-n-butylphthalate

Concen: 2.20 ug/ml

RT: 19.20 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BL000320.D

Acq: 21 Jun 2011 19:42

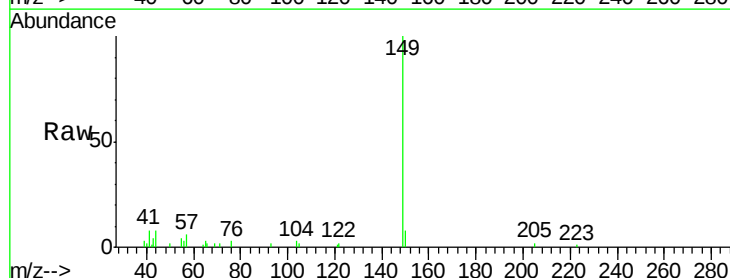
Tgt Ion:149 Resp: 72905

Ion Ratio Lower Upper

149 100

150 8.0 0.0 29.8

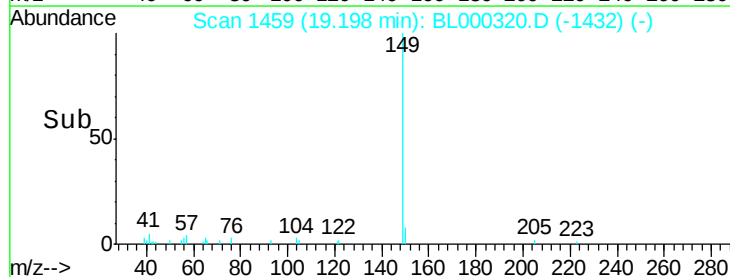
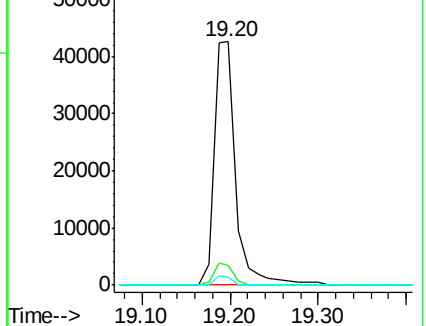
104 3.4 0.0 24.0

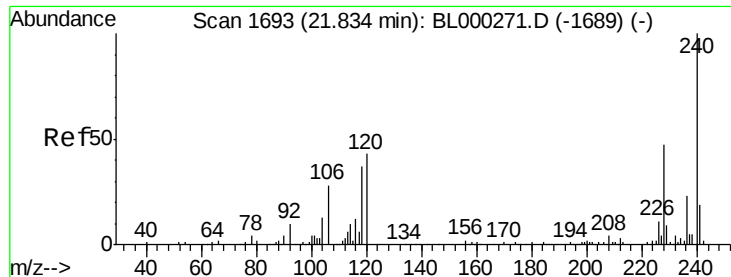


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

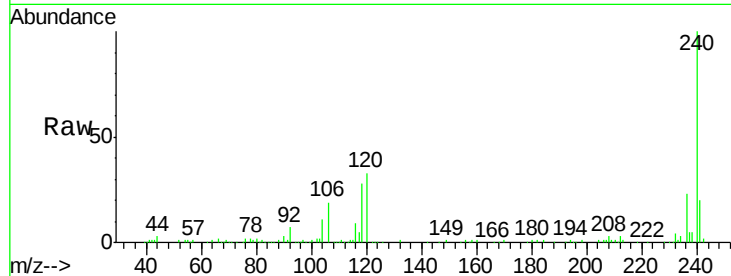
Ion 104.00 (103.70 to 104.70): E



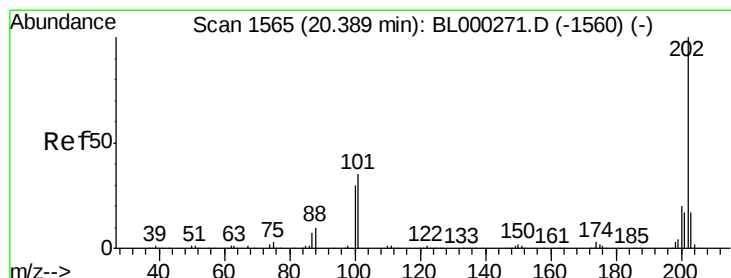
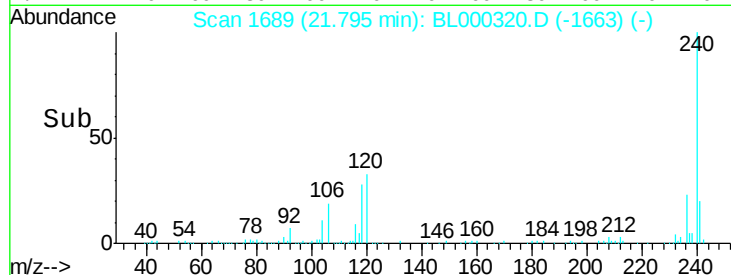
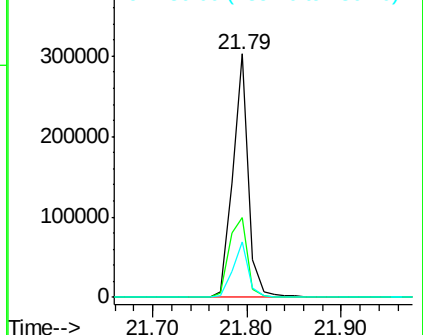


#78
Chrysene-d12
Concen: 40.00 ug/ml
RT: 21.79 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BL000320.D
Acq: 21 Jun 2011 19:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	32.5	16.3	56.3
236	23.0	3.9	43.9

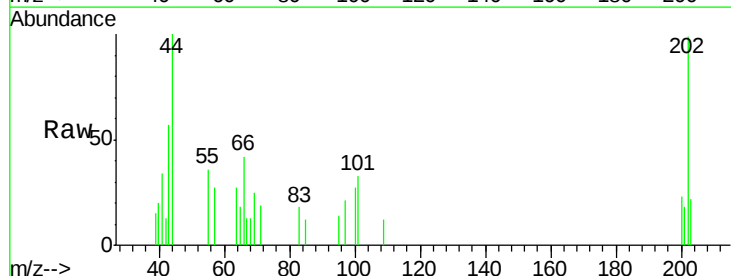


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

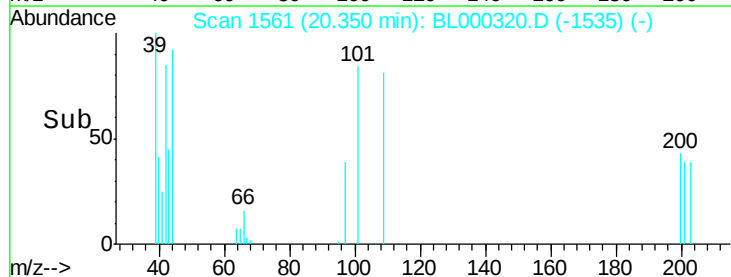
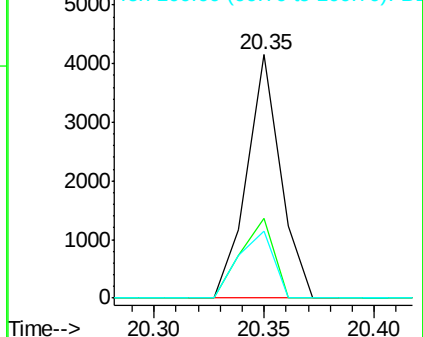


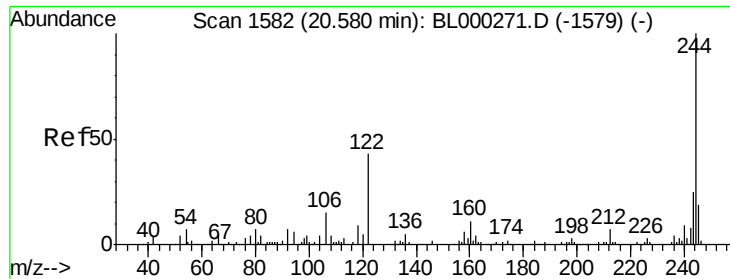
#79
Pyrene
Concen: 1.67 ug/ml
RT: 20.35 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BL000320.D
Acq: 21 Jun 2011 19:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	33.0	14.4	54.4
100	27.3	9.0	49.0



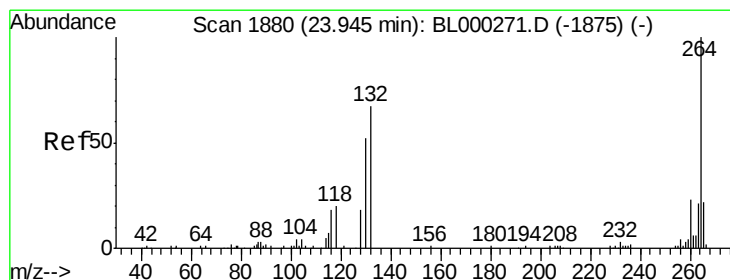
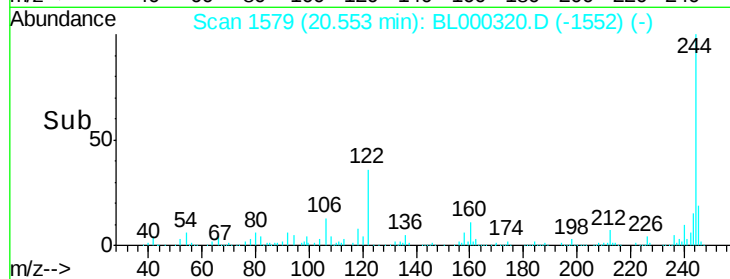
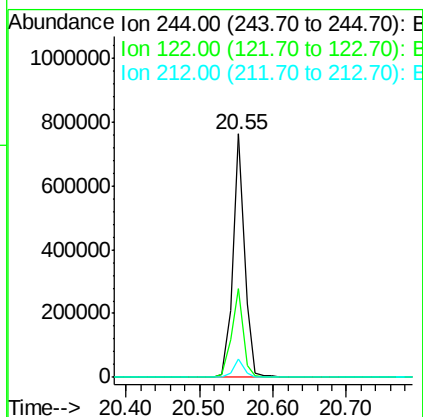
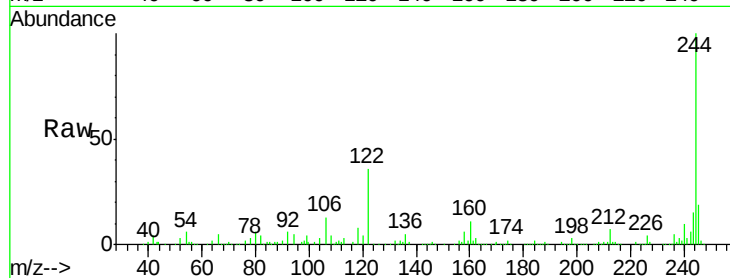
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BL





#80
 Terphenyl-d14
 Concen: 138.00 ug/ml
 RT: 20.55 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
122	36.5	18.3	58.3
212	7.3	0.0	27.0



#86
 Perylene-d12
 Concen: 40.00 ug/ml
 RT: 23.87 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BL000320.D
 Acq: 21 Jun 2011 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.7	2.7	42.7
265	21.8	0.6	40.6

