

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078369.D
 Acq On : 9 Apr 2015 20:18
 Operator : TP/IZ
 Sample : G1782-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Manual Integrations
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Quant Time: Apr 10 01:48:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	46544	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	199128	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	101986	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	204447	20.00	ng	-0.01
75) Chrysene-d12	15.73	240	207986	20.00	ng	0.01
86) Perylene-d12	17.54	264	192783	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	89569	31.73	ng	0.00
7) Phenol-d6	6.48	99	120783	34.14	ng	-0.01
23) Nitrobenzene-d5	7.58	82	68072	20.72	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	28045	33.16	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	143915	20.17	ng	0.00
78) Terphenyl-d14	14.44	244	166676	18.11	ng	0.00
Target Compounds						
70) Phenanthrene	12.48	178	25131	2.13	ng	100
74) Fluoranthene	13.94	202	26038	2.09	ng	97

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

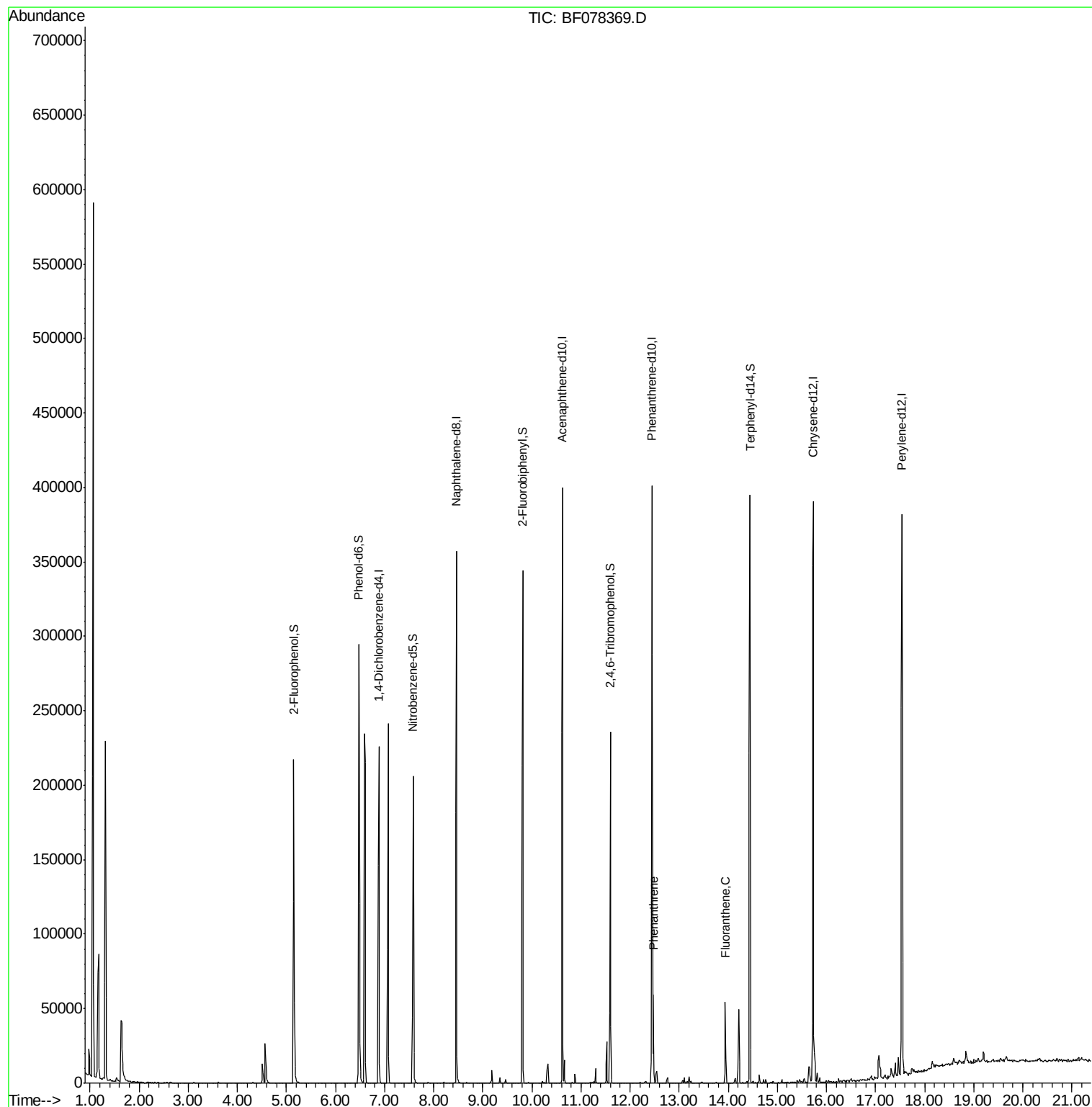
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
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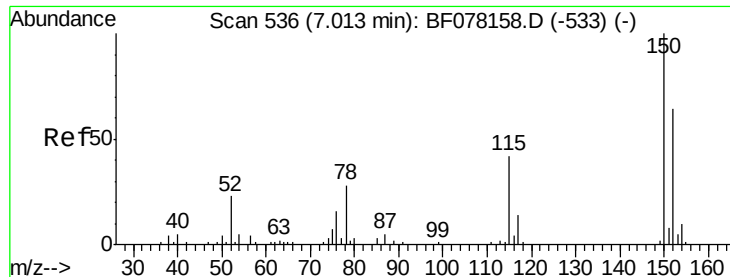
Instrument :
BNA_F
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SB12

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#1

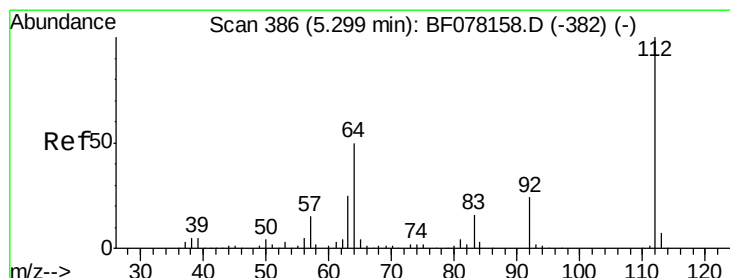
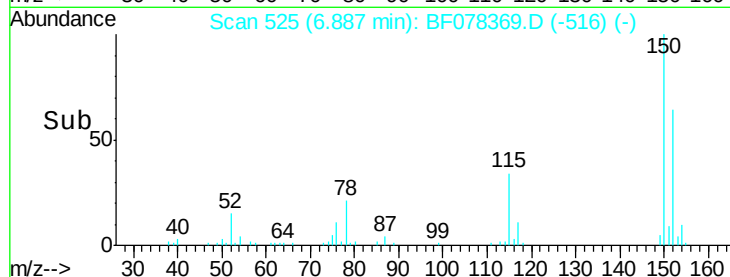
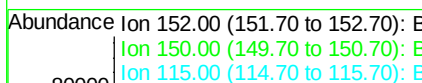
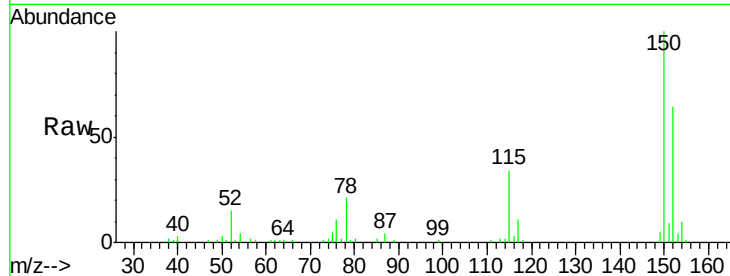
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF078369.D
Acq: 9 Apr 2015 20:18

Instrument :
BNA_F
ClientSampled :
SB12

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	53.3	52.7	79.1

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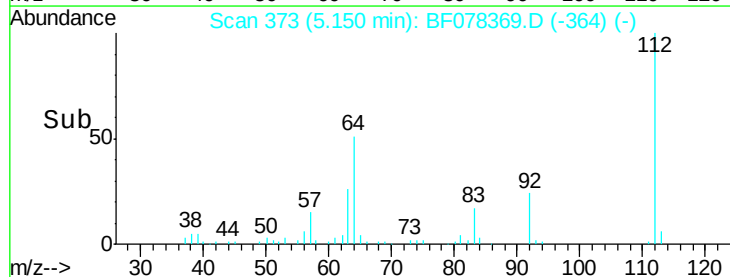
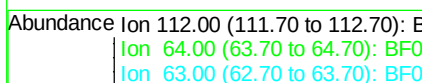
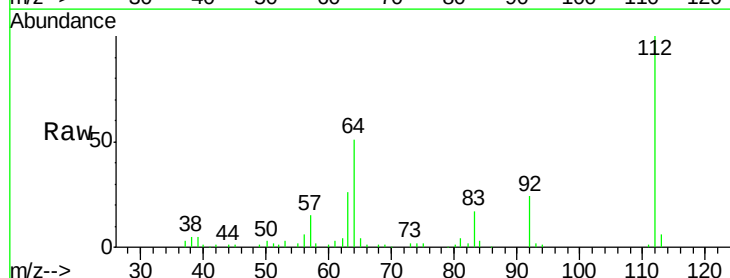
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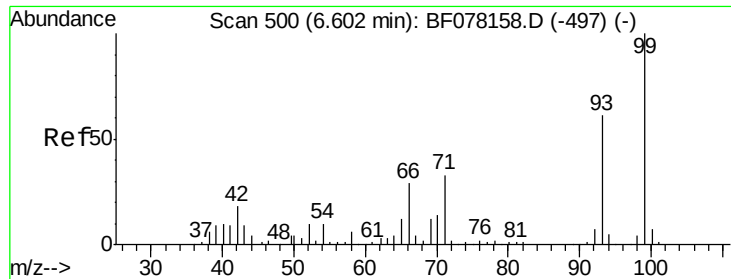


#5

2-Fluorophenol
Concen: 31.73 ng
RT: 5.15 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF078369.D
Acq: 9 Apr 2015 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.9	59.9
63	25.6	20.2	30.4





#7

Phenol-d6

Concen: 34.14 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Instrument :

BNA_F

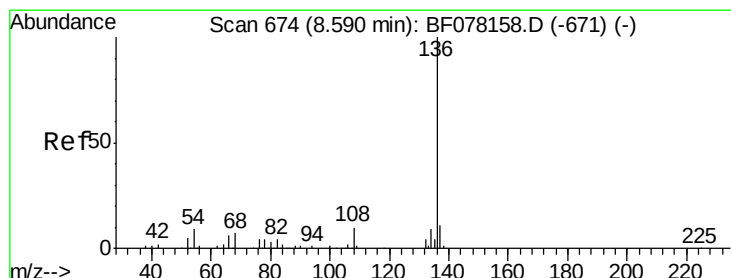
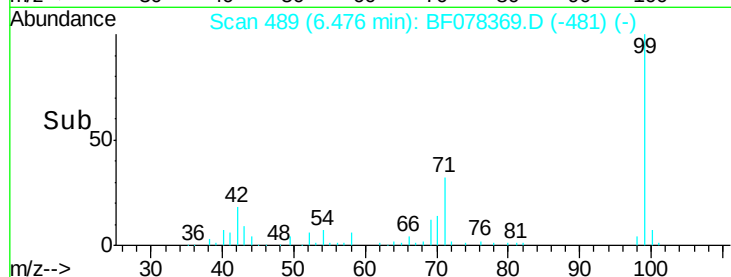
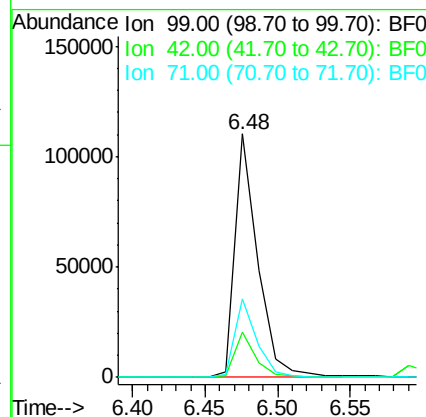
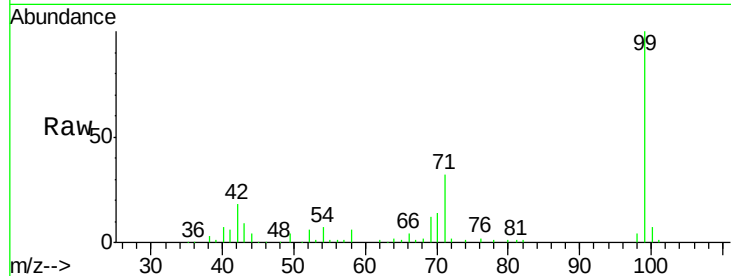
ClientSampled :

SB12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		120783		
42	18.3	14.8	22.2		
71	32.0	26.6	39.8		

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#21

Naphthalene-d8

Concen: 20.00 ng

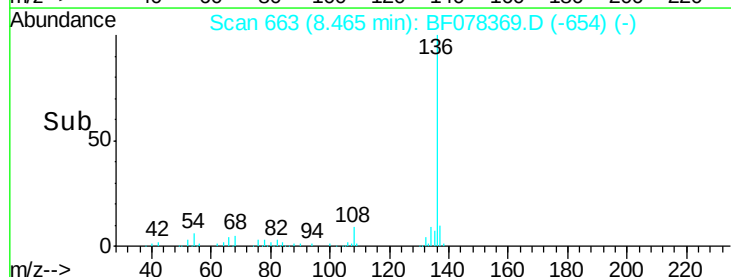
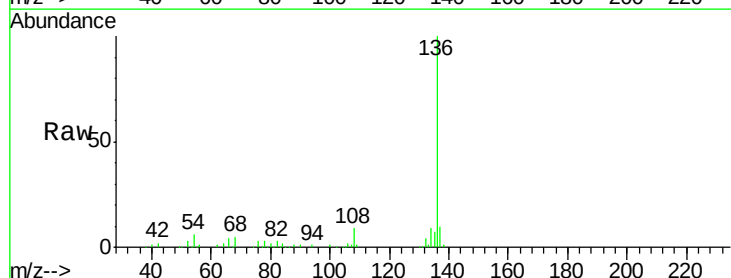
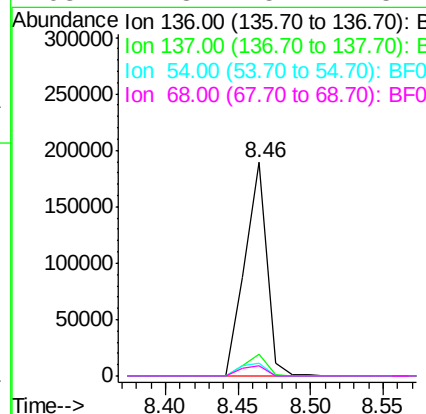
RT: 8.46 min Scan# 663

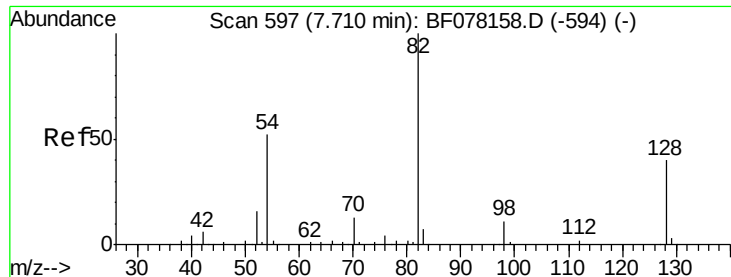
Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		199128		
137	10.3	9.0	13.4		
54	5.9	7.0	10.6#		
68	4.8	5.4	8.2#		





#23

Nitrobenzene-d5

Concen: 20.72 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Instrument :

BNA_F

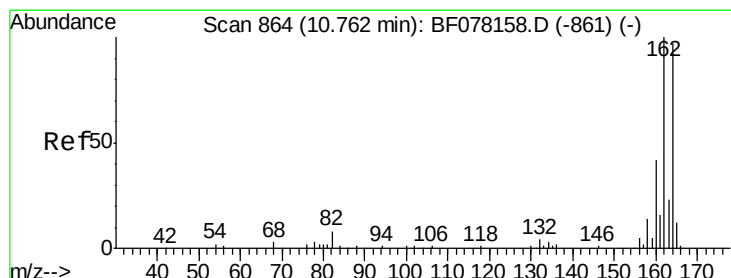
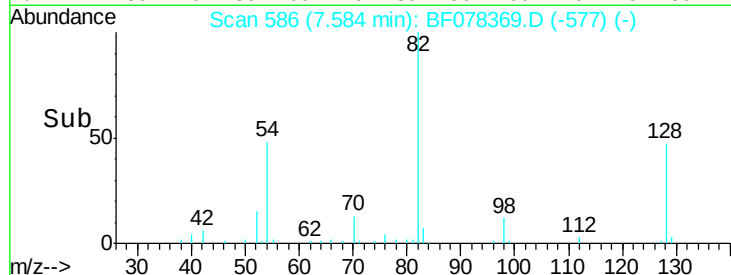
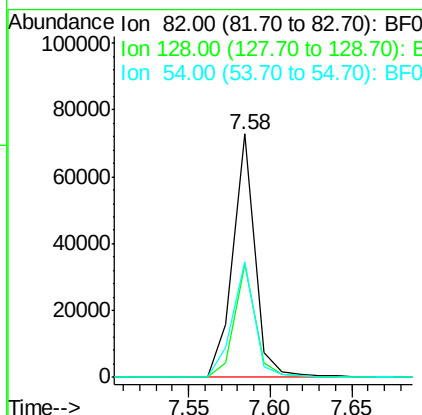
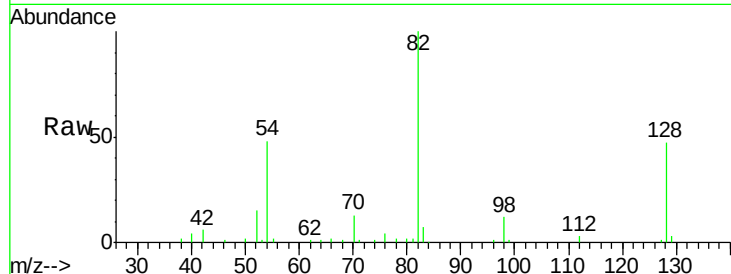
ClientSampled :

SB12

Tot Ion:	82	Resp:	68072
Ion Ratio	Lower	Upper	
82	100		
128	46.6	31.8	47.8
54	47.6	41.5	62.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

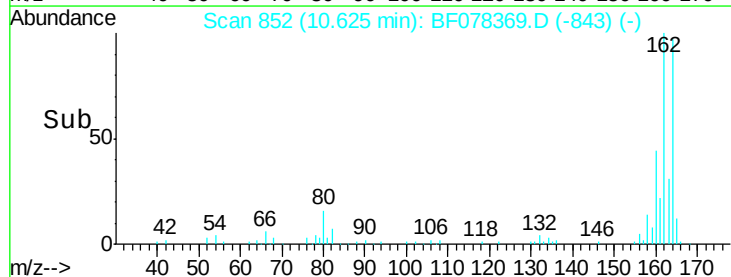
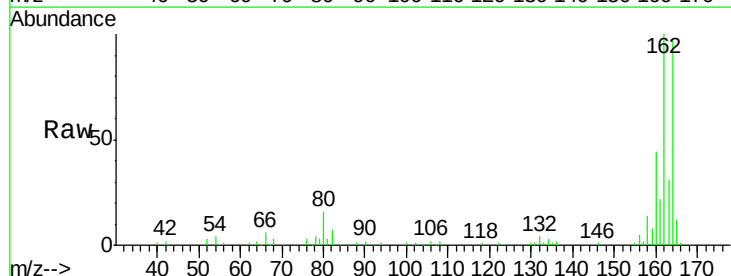
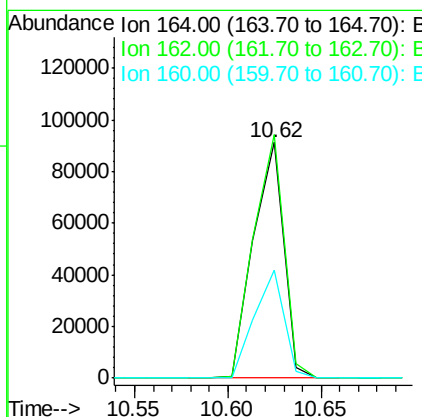
RT: 10.62 min Scan# 852

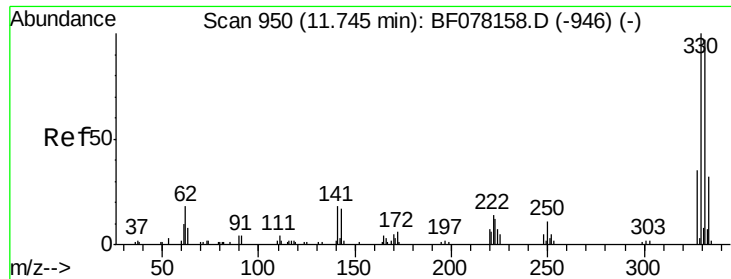
Delta R.T. -0.00 min

Lab File: BF078369.D

Acq: 9 Apr 2015 20:18

Tgt Ion:	164	Resp:	101986
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.2	123.2
160	45.8	34.7	52.1





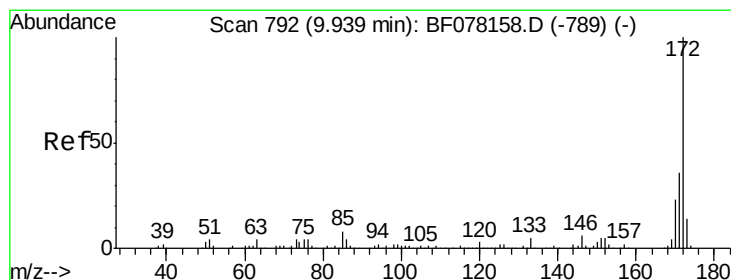
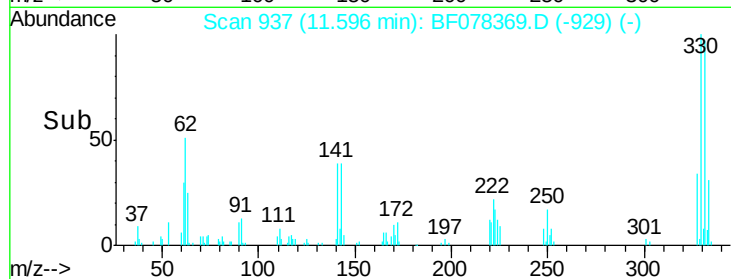
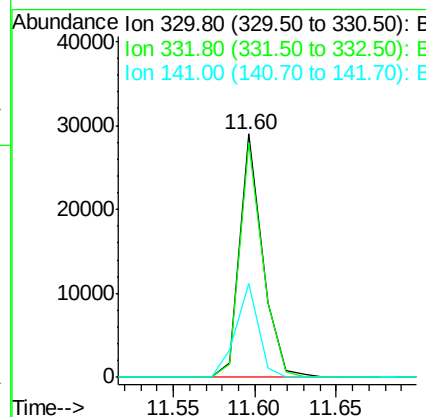
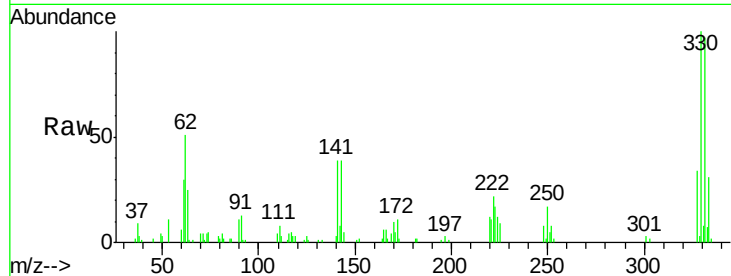
#41
 2,4,6-Tribromophenol
 Concen: 33.16 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
 BNA_F
 ClientSampled :
 SB12

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	38.2	31.2	46.8

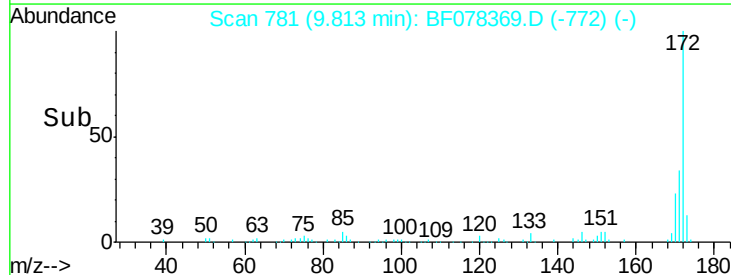
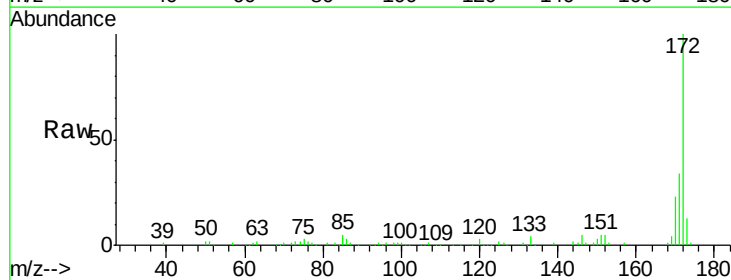
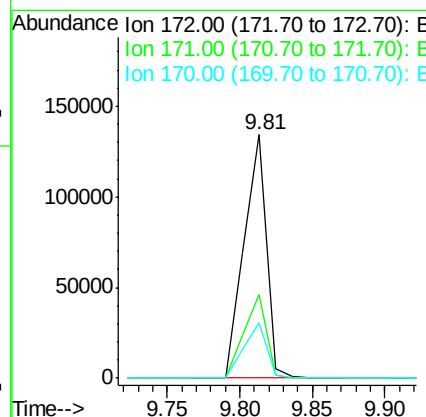
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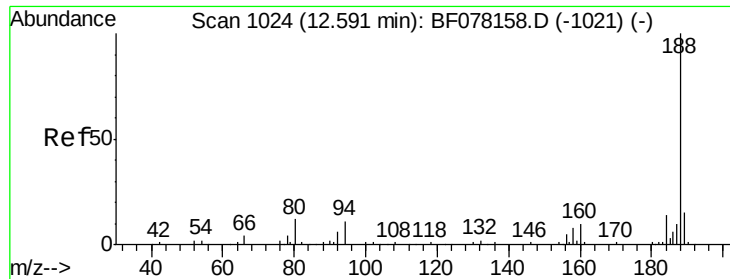
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#44
 2-Fluorobiphenyl
 Concen: 20.17 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.9	18.5	27.7





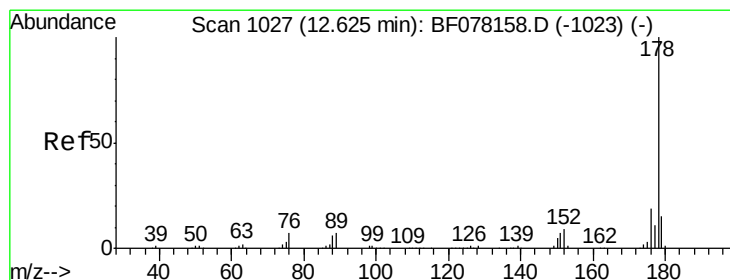
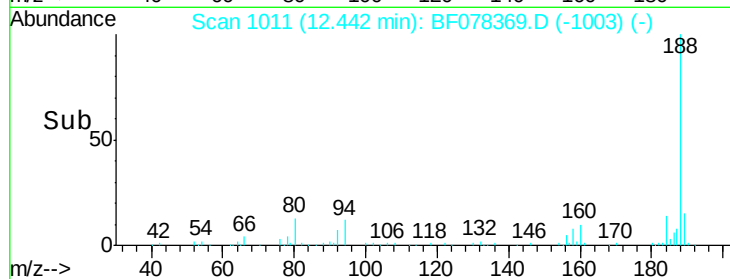
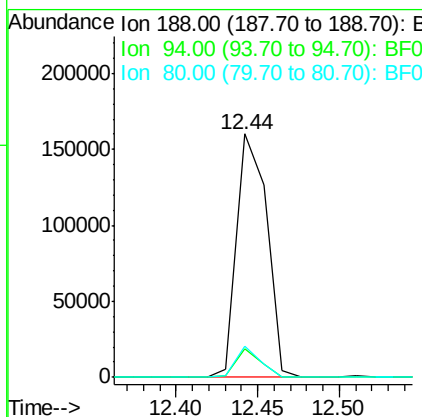
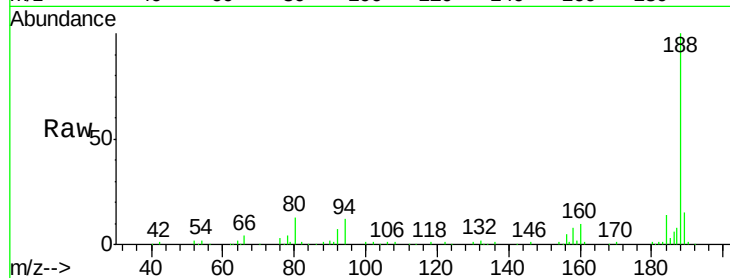
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
 BNA_F
 ClientSampled :
 SB12

Tot Ion	Ratio	Resp	Lower	Upper
188	100	204447		
94	11.8		9.0	13.4
80	12.7		9.5	14.3

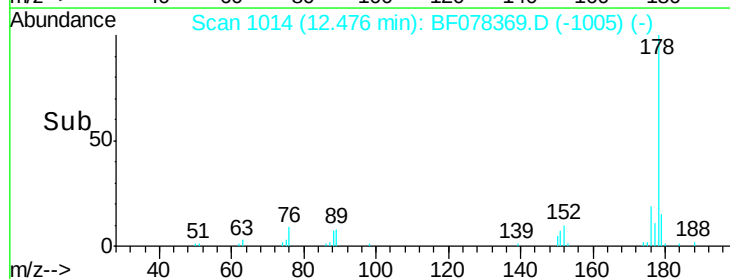
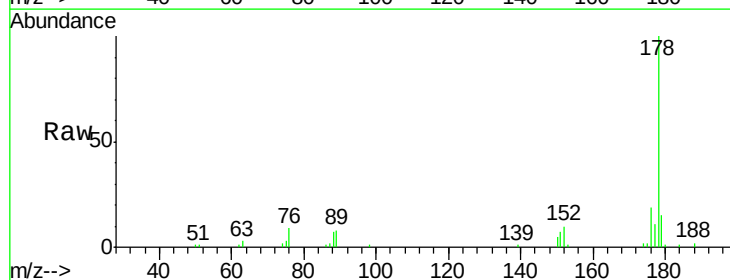
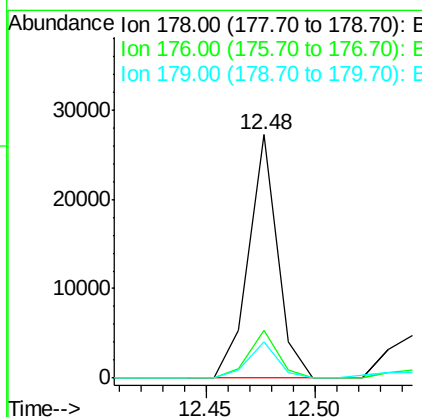
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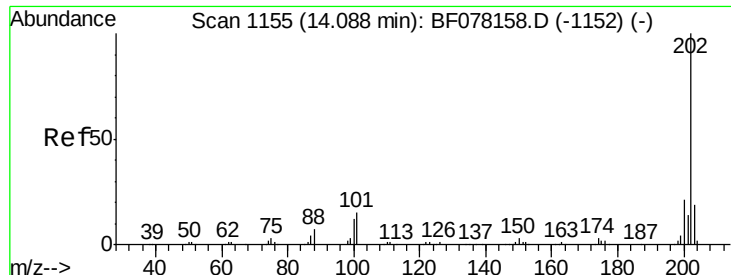
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#70
 Phenanthrene
 Concen: 2.13 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25131		
176	19.4		15.4	23.0
179	15.0		12.2	18.2





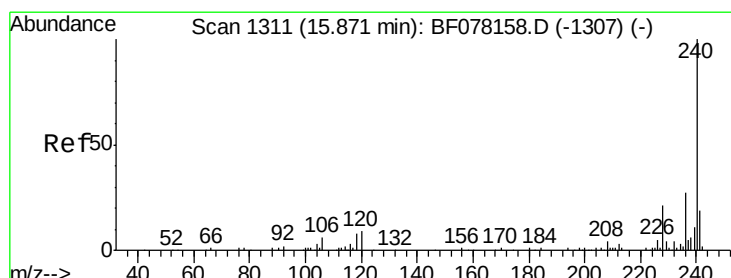
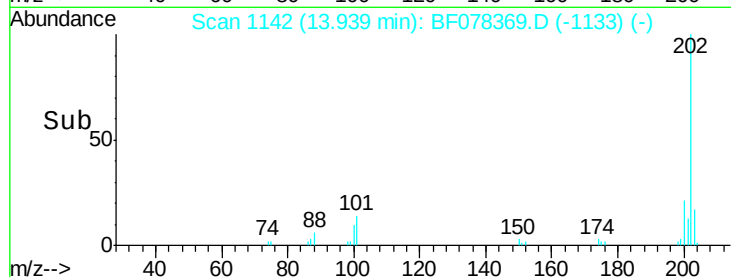
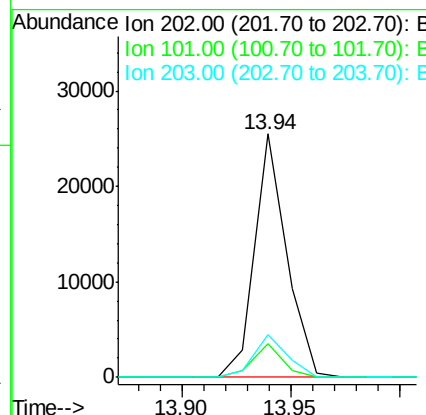
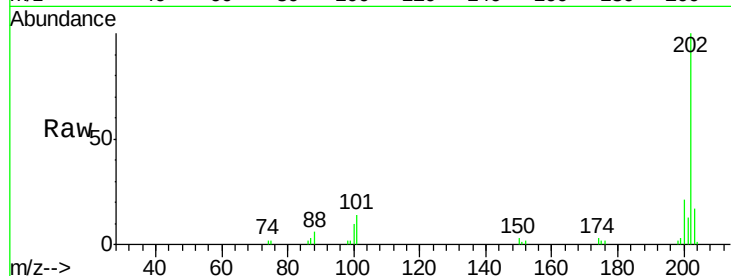
#74
 Fluoranthene
 Concen: 2.09 ng
 RT: 13.94 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tot Ion	Ratio	Resp	Lower	Upper
202	100	26038		
101	13.9		0.0	35.2
203	17.4		0.0	38.5

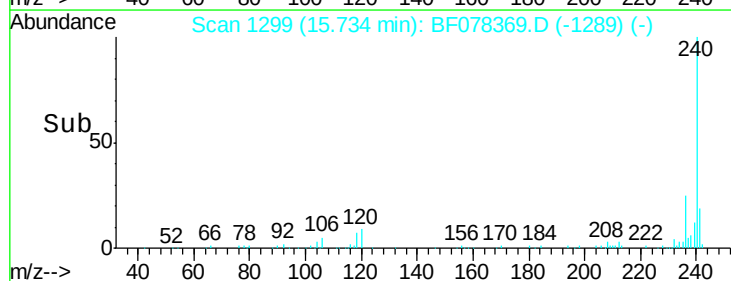
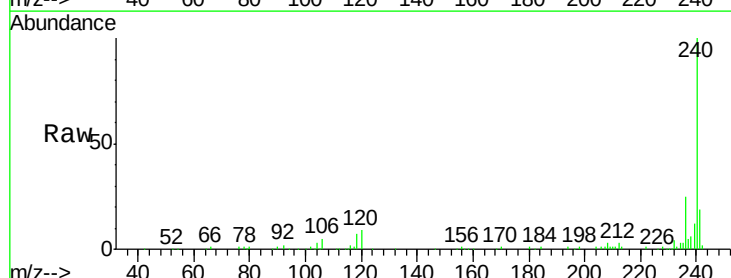
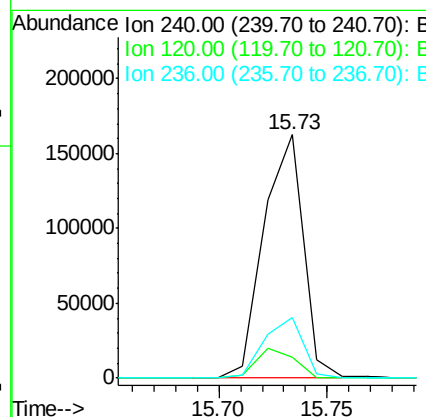
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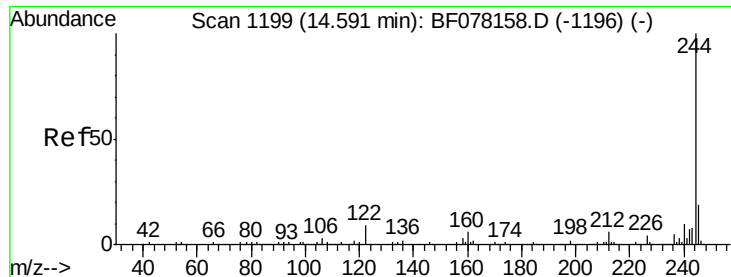
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	207986		
120	8.5		7.1	10.7
236	25.0		21.4	32.2





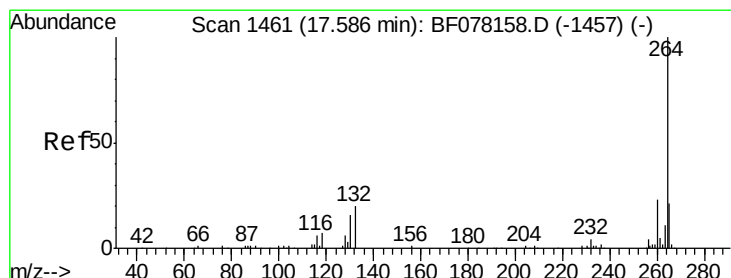
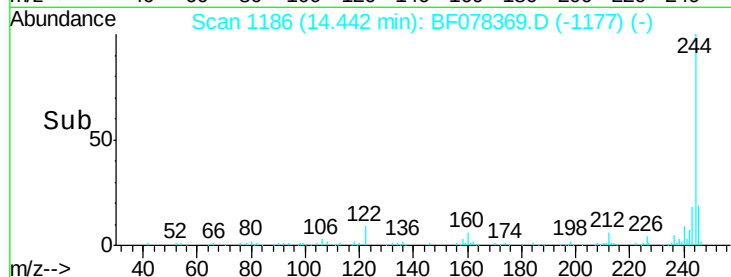
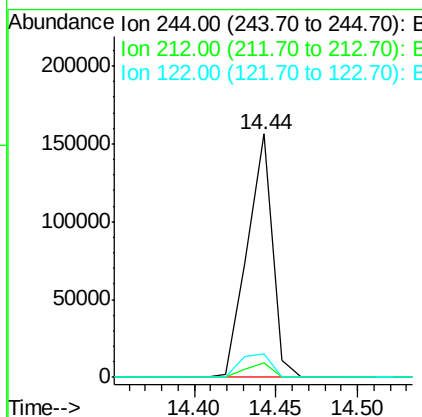
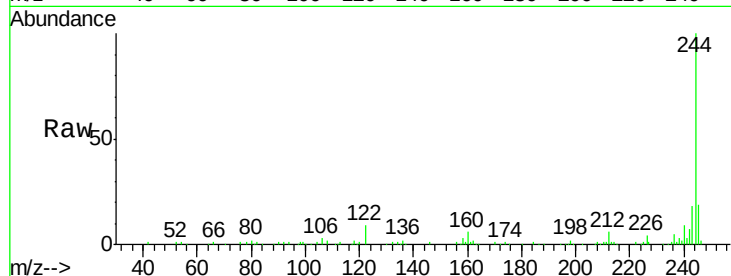
#78
 Terphenyl-d14
 Concen: 18.11 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	9.5	7.1	10.7

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.06 min
 Lab File: BF078369.D
 Acq: 9 Apr 2015 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	20.6	17.0	25.6

