

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125114.D
 Acq On : 19 Aug 2021 15:00
 Operator : JU/CG
 Sample : M3452-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 351

Quant Time: Aug 19 15:51:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

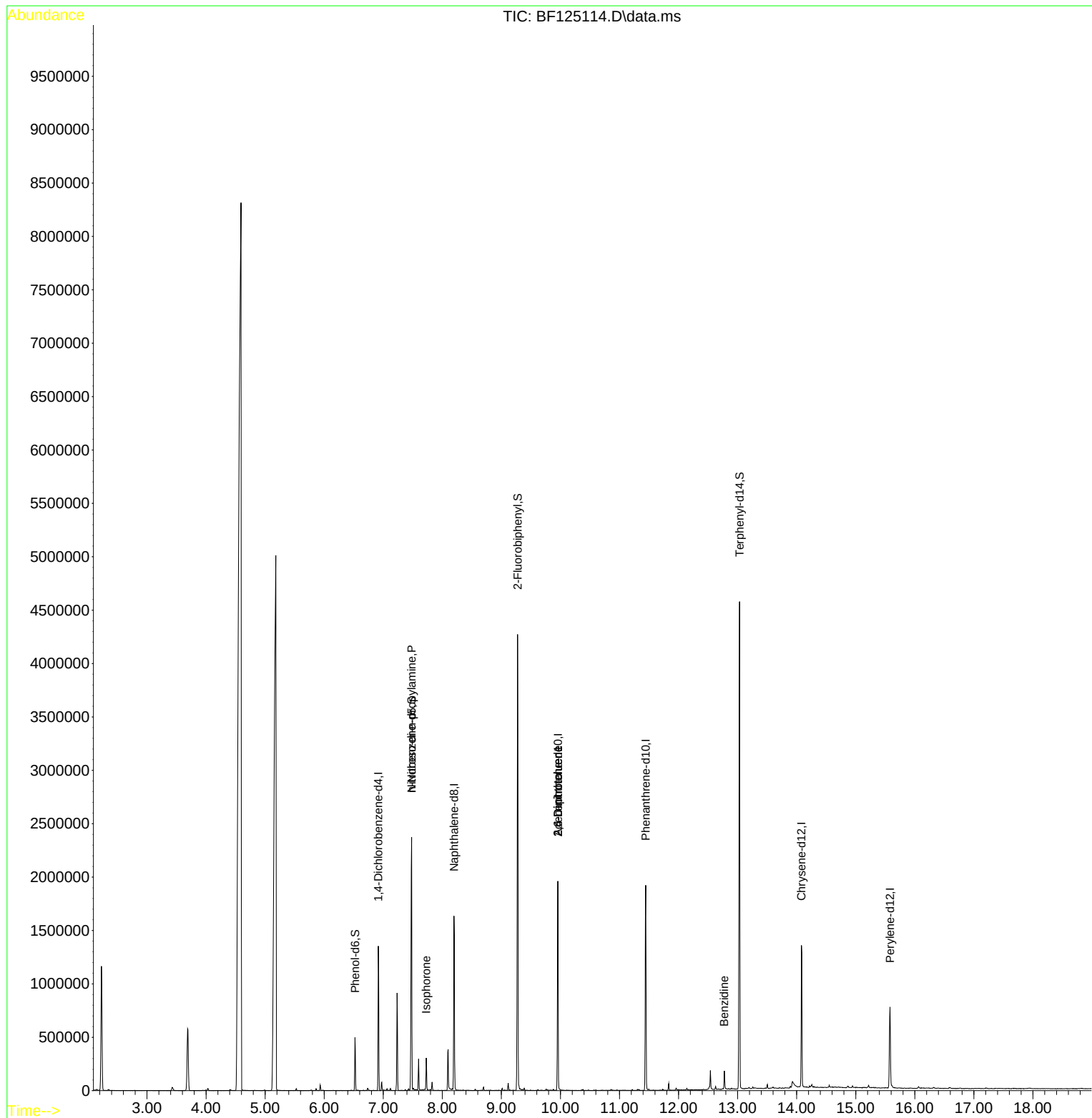
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	183057	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	710973	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	379846	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	704205	20.000	ng	0.00
76) Chrysene-d12	14.080	240	475297	20.000	ng	0.00
86) Perylene-d12	15.580	264	354490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	4353	0.360	ng	0.00
7) Phenol-d6	6.522	99	137538	8.793	ng	-0.02
23) Nitrobenzene-d5	7.481	82	750290	53.128	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.275	172	1375570	50.472	ng	0.00
79) Terphenyl-d14	13.033	244	1596448	53.509	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	104926	11.153	ng	# 58
25) Isophorone	7.728	82	98659	3.621	ng	# 88
51) 2,6-Dinitrotoluene	9.957	165	48871	8.562	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48871	7.074	ng	# 19
77) Benzidine	12.774	184	61760	3.721	ng	95

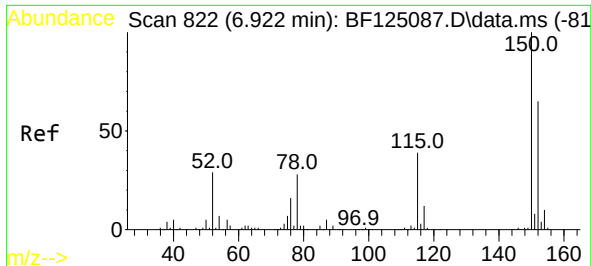
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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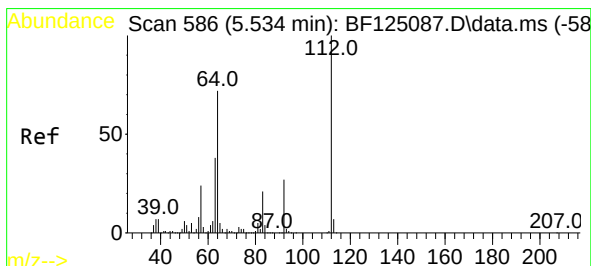
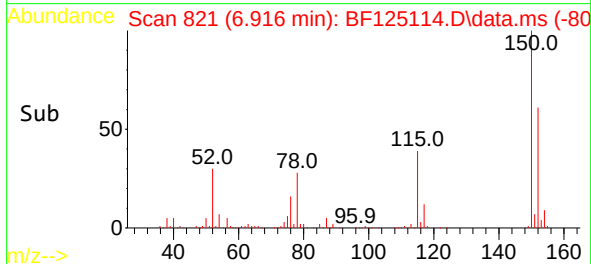
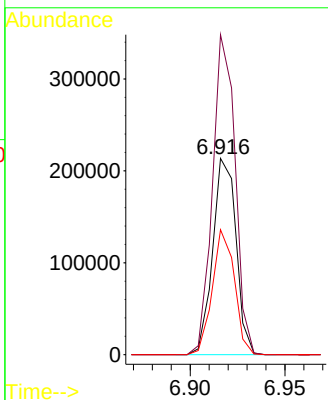
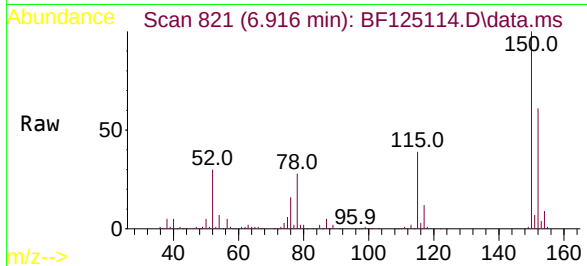




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

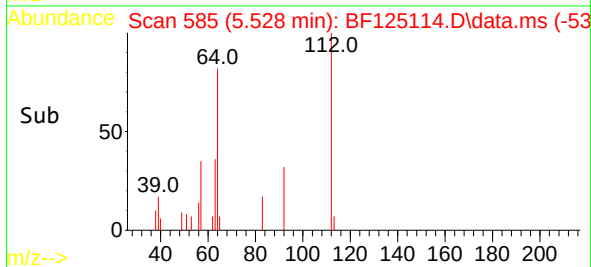
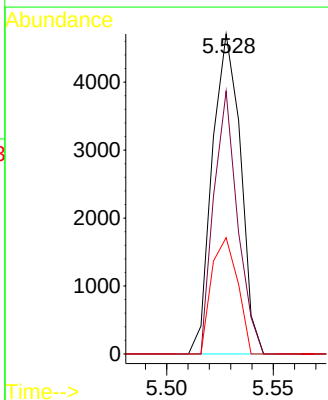
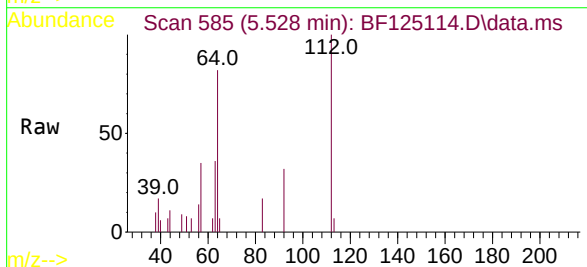
Instrument :
BNA_F
ClientSampled :
351

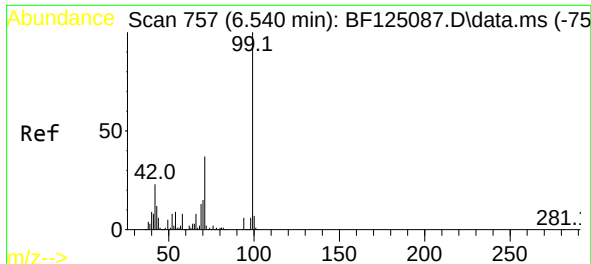
Tgt Ion:152 Resp: 183057
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 0.360 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Tgt Ion:112 Resp: 4353
Ion Ratio Lower Upper
112 100
64 82.1 44.2 66.2#
63 36.4 26.2 39.2

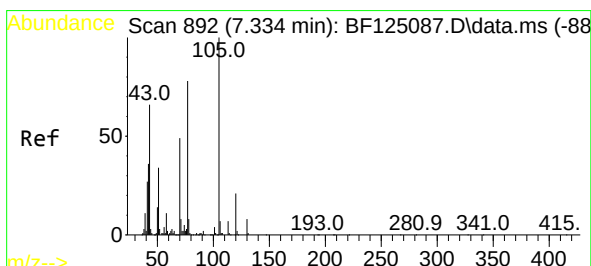
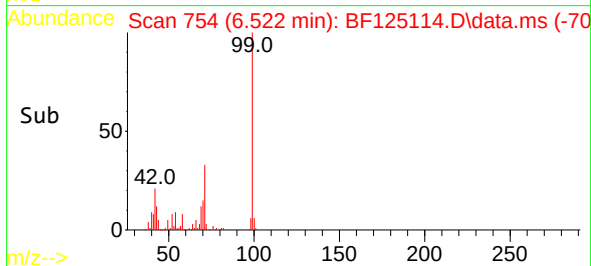
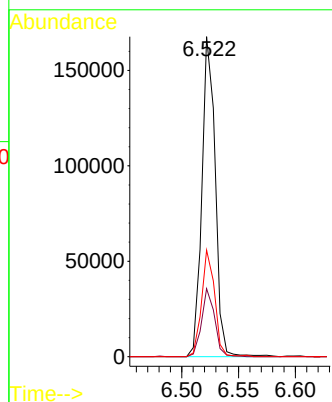
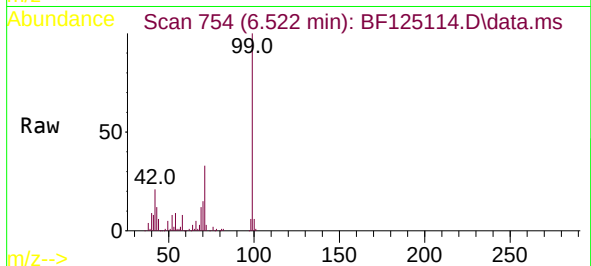




#7
Phenol-d6
Concen: 8.793 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

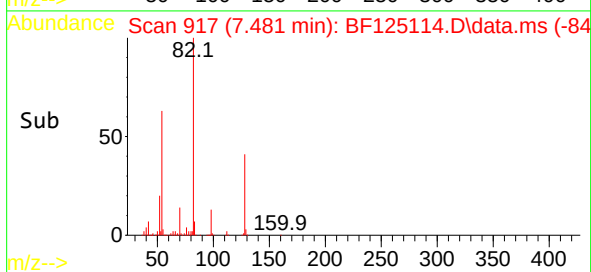
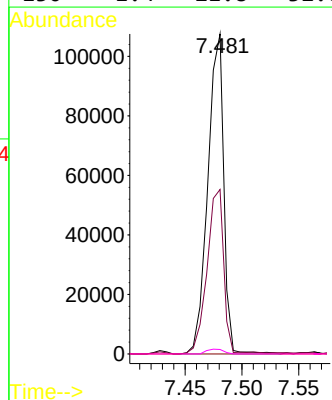
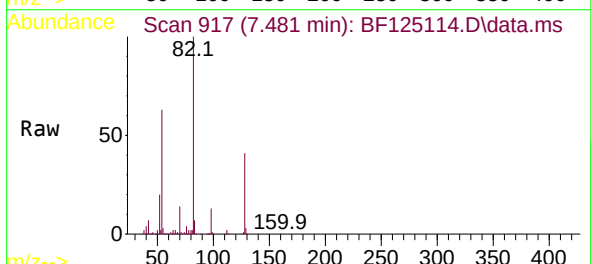
Instrument :
BNA_F
ClientSampleId :
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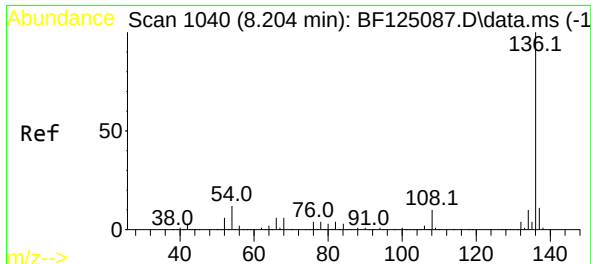
Tgt Ion: 99 Resp: 137538
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 33.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.153 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Tgt Ion: 70 Resp: 104926
Ion Ratio Lower Upper
70 100
42 51.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#

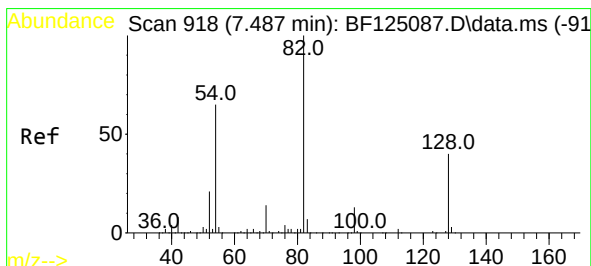
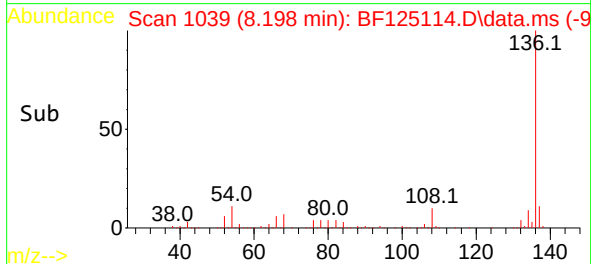
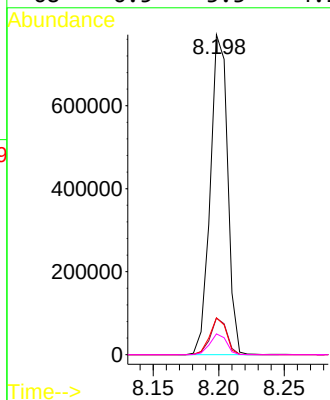
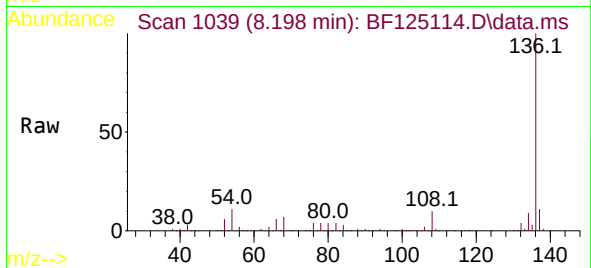




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

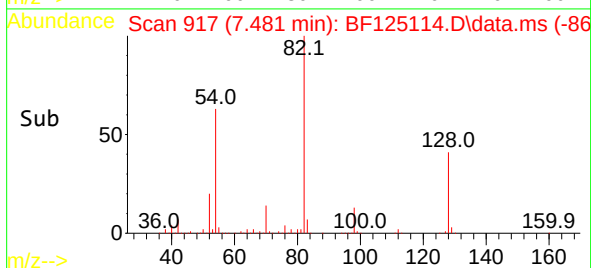
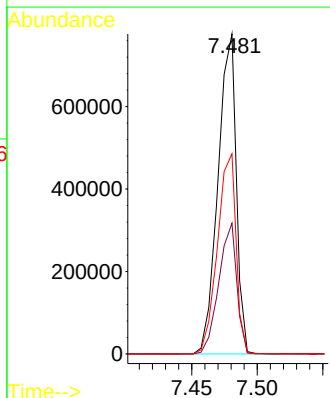
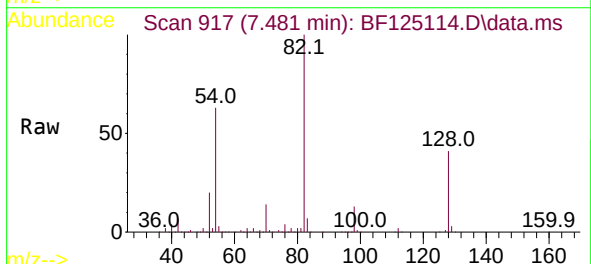
Instrument :
BNA_F
ClientSampled :
351

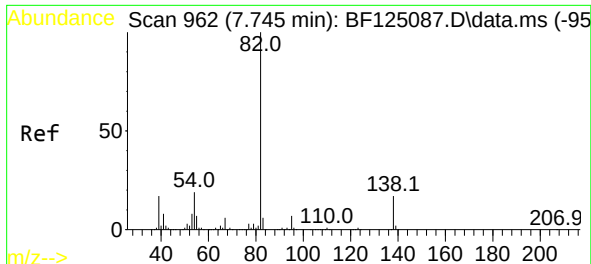
Tgt Ion:	136	Resp:	710973
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	11.5	6.4	9.6#
68	6.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 53.128 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

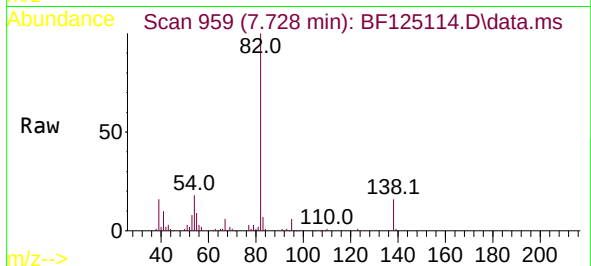
Tgt Ion:	82	Resp:	750290
Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.6	60.8
54	62.6	49.6	74.4



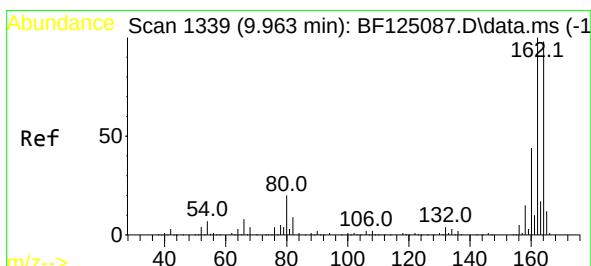
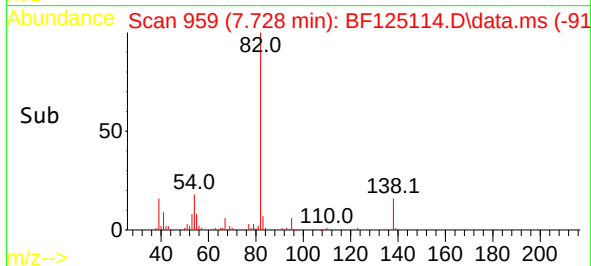
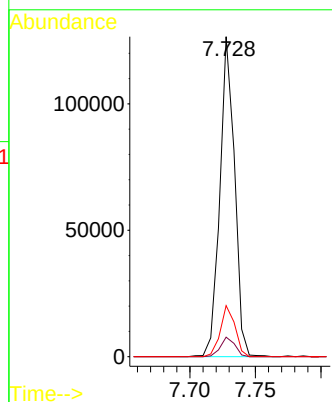


#25
Isophorone
Concen: 3.621 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.018 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Instrument :
BNA_F
ClientSampled :
351

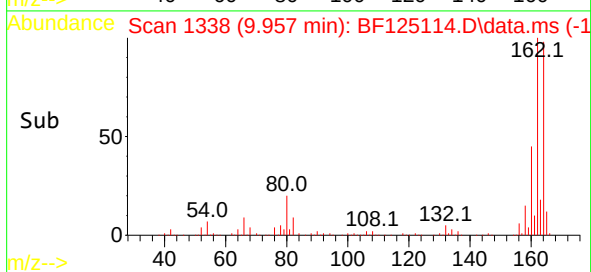
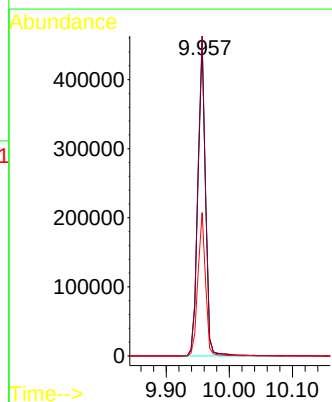
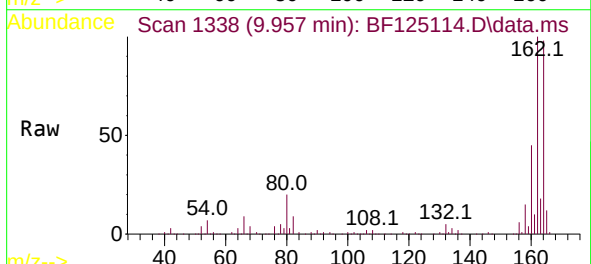


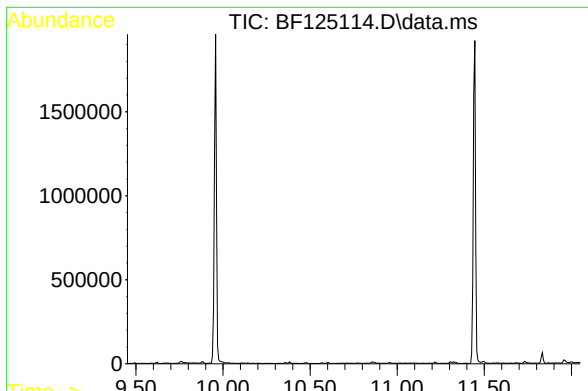
Tgt Ion: 82 Resp: 98659
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7#
138 16.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Tgt Ion: 164 Resp: 379846
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.6 38.0 57.0



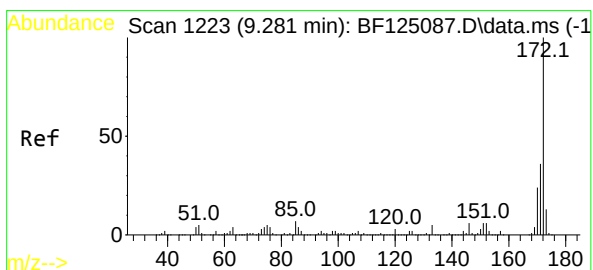
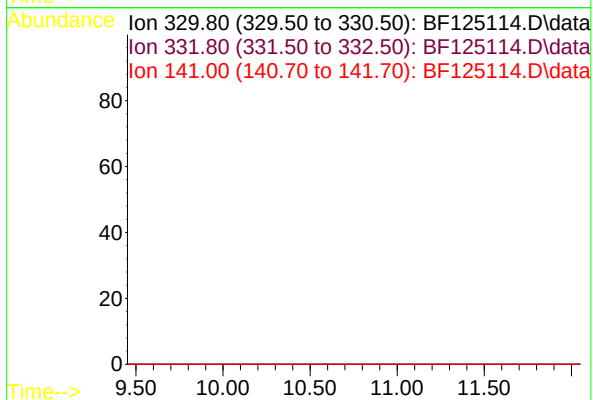


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.75 min
 Lab File: BF125114.D
 Acq: 19 Aug 2021 15:00

Instrument :
 BNA_F
 ClientSampleId :
 351

Tgt Ion: 330

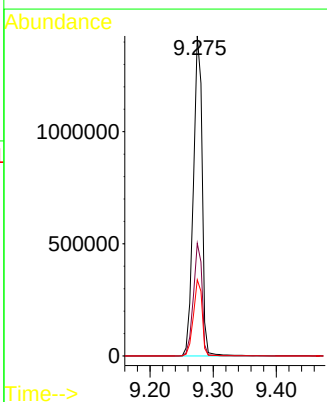
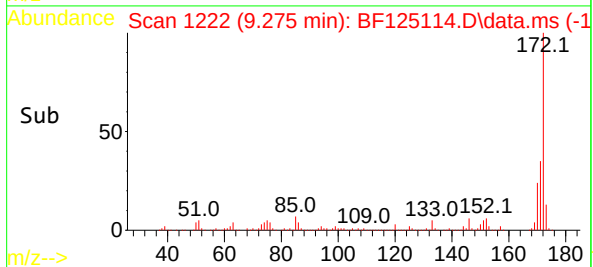
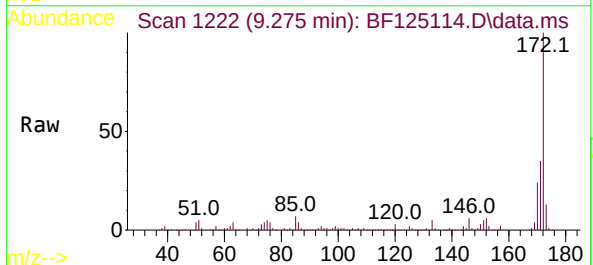
Sig	Exp Ratio
330	100
332	95.3
141	55.7

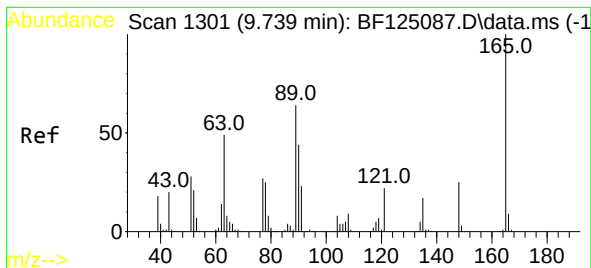


#45
 2-Fluorobiphenyl
 Concen: 50.472 ng
 RT: 9.275 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: BF125114.D
 Acq: 19 Aug 2021 15:00

Tgt Ion: 172 Resp: 1375570

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.5	39.7
170	23.8	18.8	28.2

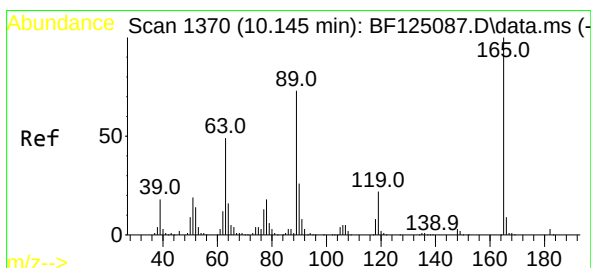
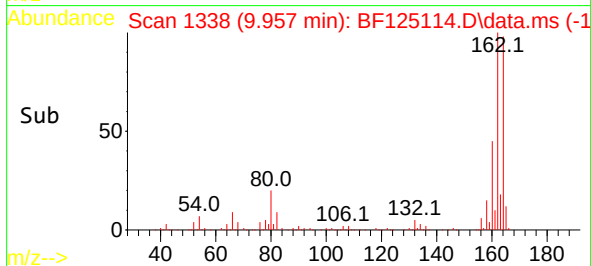
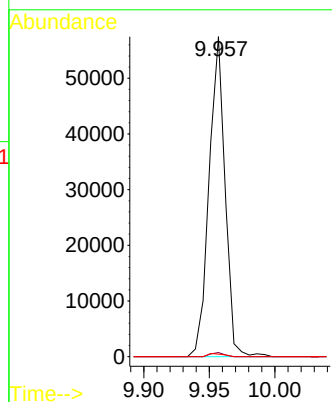
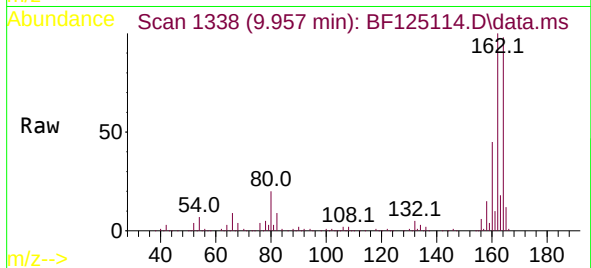




#51
2,6-Dinitrotoluene
Concen: 8.562 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

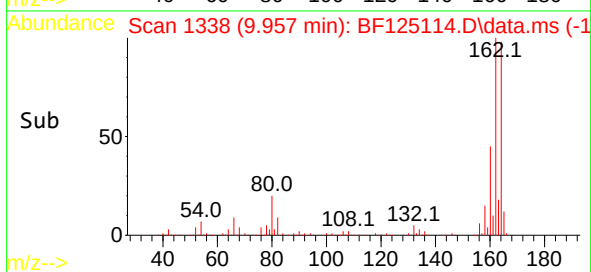
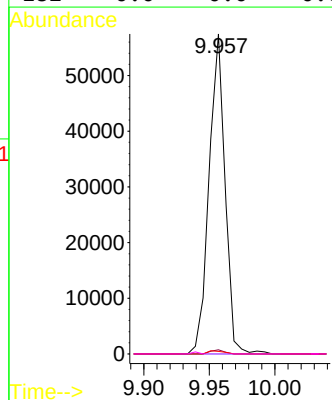
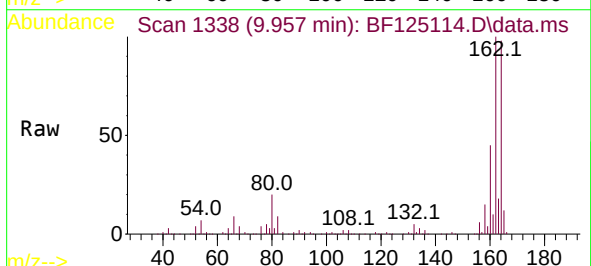
Instrument :
BNA_F
ClientSampled :
351

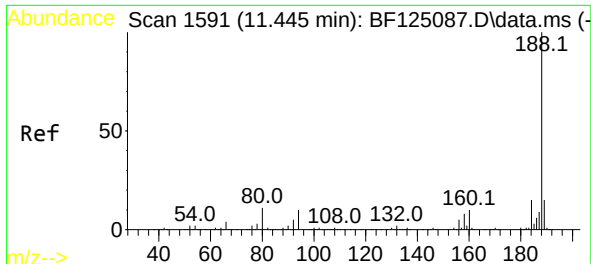
Tgt Ion:165 Resp: 48871
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.074 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Tgt Ion:165 Resp: 48871
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

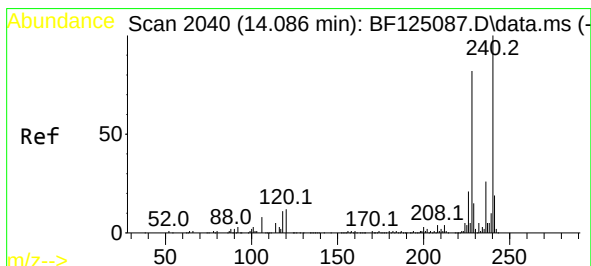
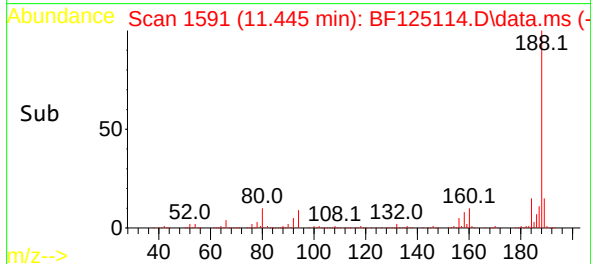
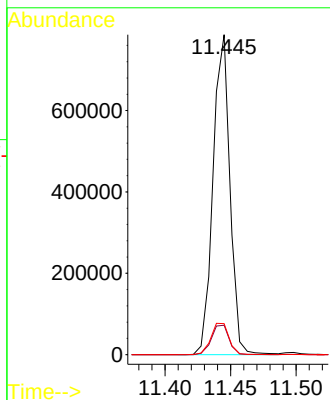
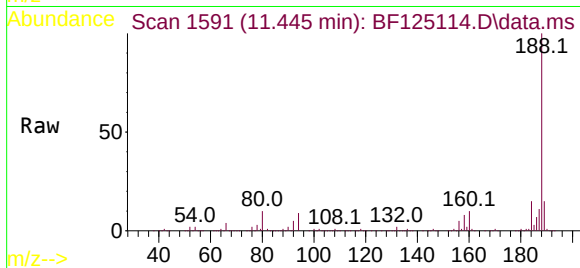




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

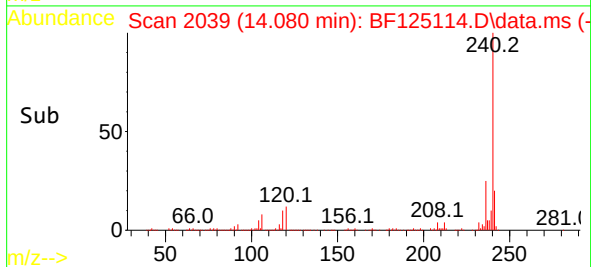
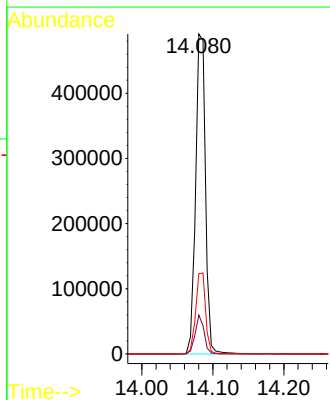
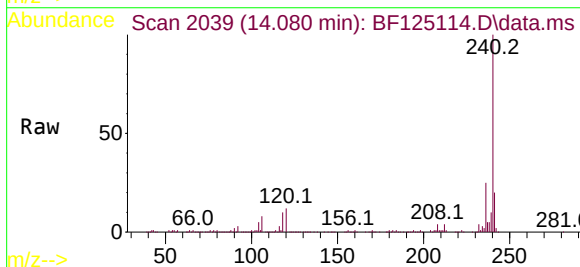
Instrument :
BNA_F
ClientSampled :
351

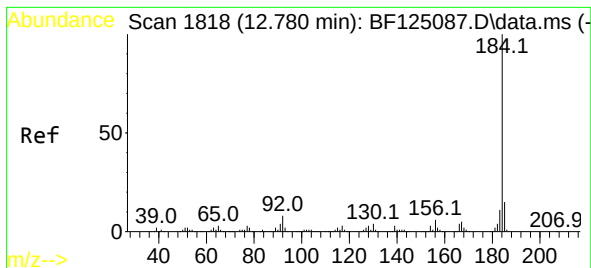
Tgt Ion:188 Resp: 704205
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

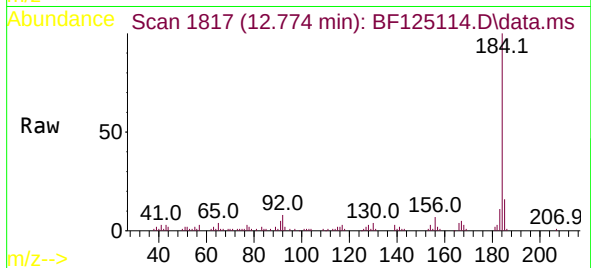
Tgt Ion:240 Resp: 475297
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.1 21.6 32.4



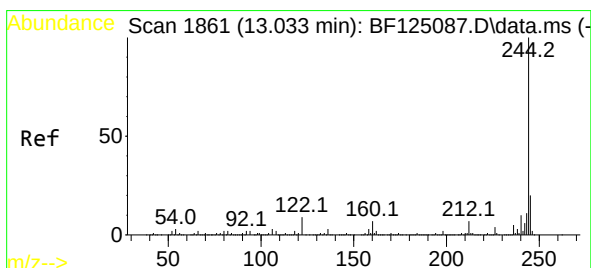
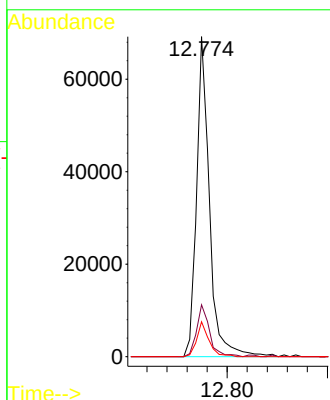
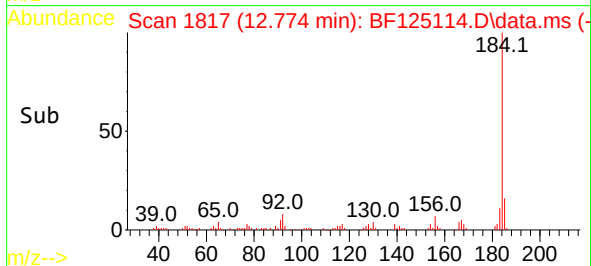


#77
Benzidine
Concen: 3.721 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

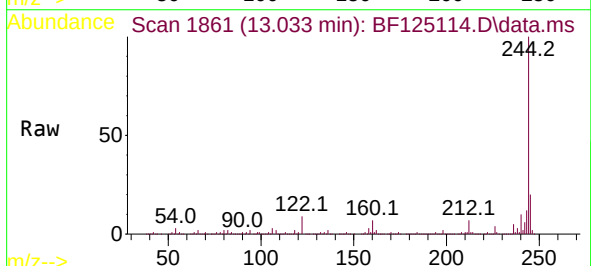
Instrument :
BNA_F
ClientSampled :
351



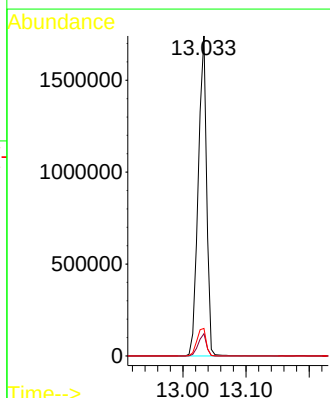
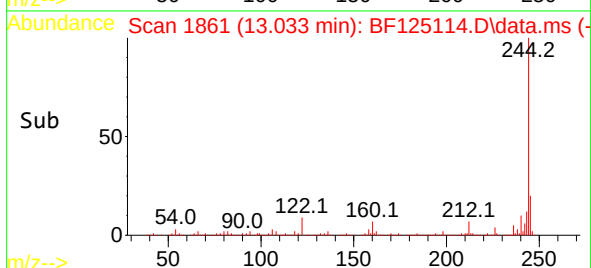
Tgt Ion:184 Resp: 61760
Ion Ratio Lower Upper
184 100
185 16.2 10.8 16.2
183 10.9 8.1 12.1

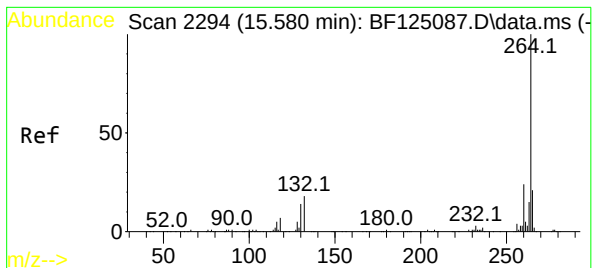


#79
Terphenyl-d14
Concen: 53.509 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00



Tgt Ion:244 Resp: 1596448
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.6 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125114.D
Acq: 19 Aug 2021 15:00

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:264 Resp: 354490

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	21.4	17.2	25.8

