

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138363.D
 Acq On : 27 Jun 2024 13:27
 Operator : CG\JU
 Sample : PB161688TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161688TB

Quant Time: Jun 27 13:58:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

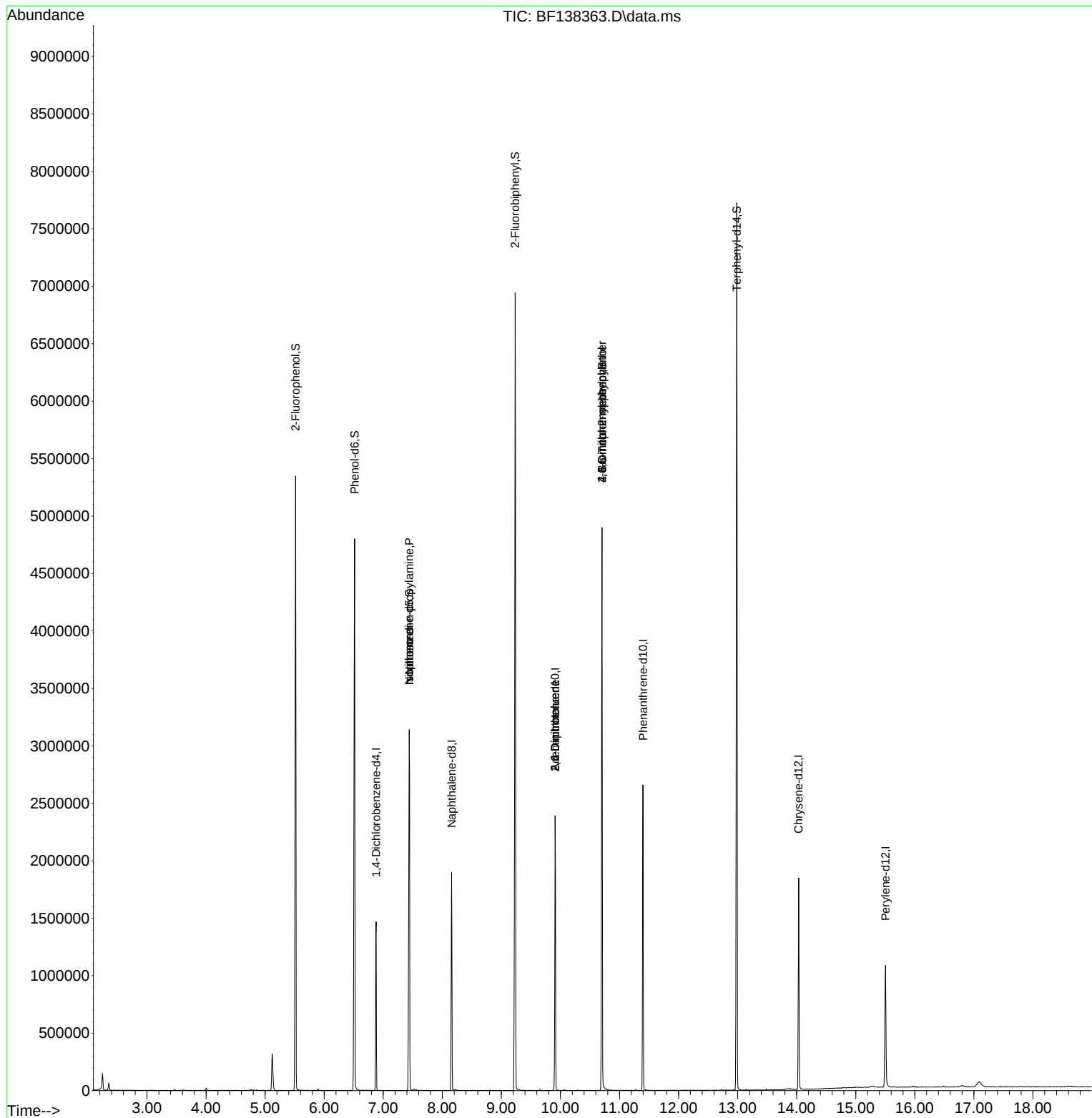
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	226640	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	893009	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	505839	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	922773	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	579188	20.000	ng	-0.02
86) Perylene-d12	15.504	264	519411	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1607663	118.661	ng	0.00
7) Phenol-d6	6.516	99	1947715	113.372	ng	0.00
23) Nitrobenzene-d5	7.440	82	1263363	82.360	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	669946	133.038	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	2494838	78.427	ng	-0.02
79) Terphenyl-d14	12.986	244	2979188	81.468	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	167973	16.495	ng	# 76
25) Isophorone	7.440	82	1259994	45.412	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	66231	9.850	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	66231	7.986	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1593	7.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	42119	4.051	ng	# 1

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

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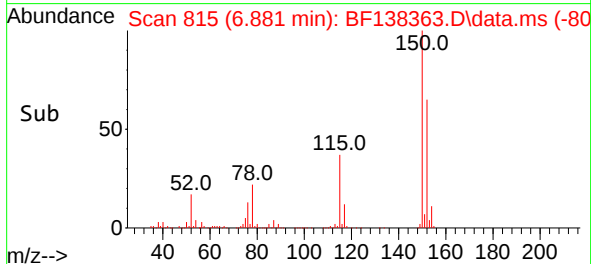
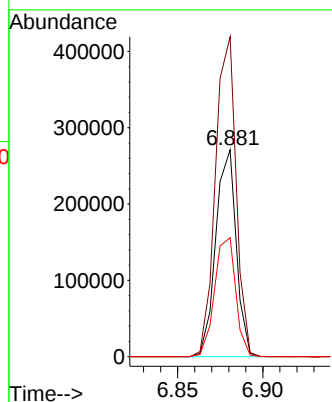
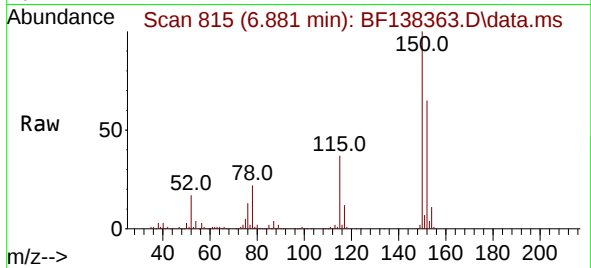




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

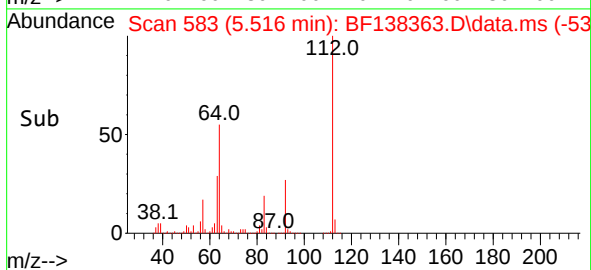
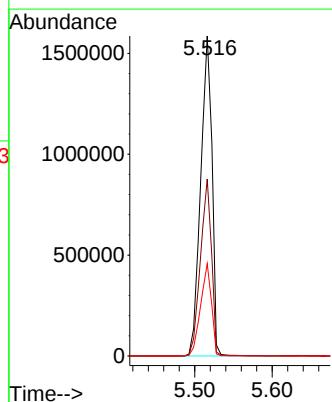
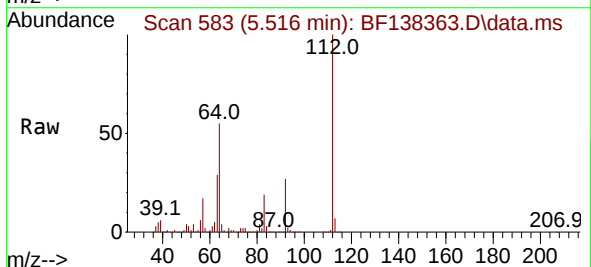
Instrument :
BNA_F
ClientSampleId :
PB161688TB

Tgt Ion:152 Resp: 226640
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.4
115 57.4 48.4 72.6



#5
2-Fluorophenol
Concen: 118.661 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion:112 Resp: 1607663
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 28.8 22.9 34.3





#7
Phenol-d6
Concen: 113.372 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Instrument :

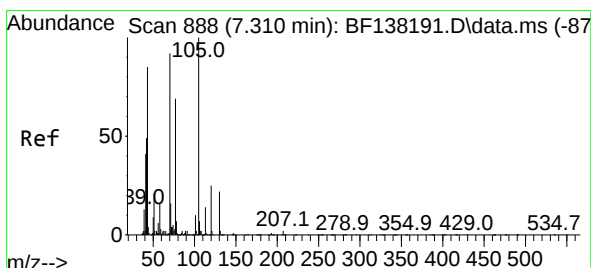
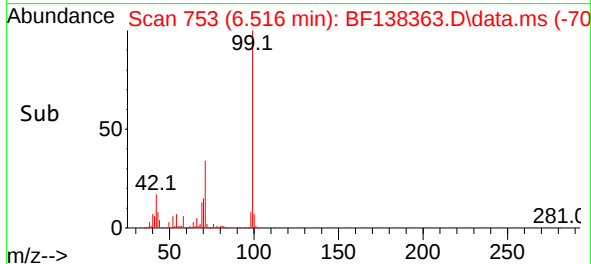
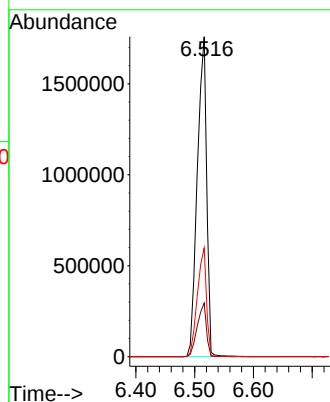
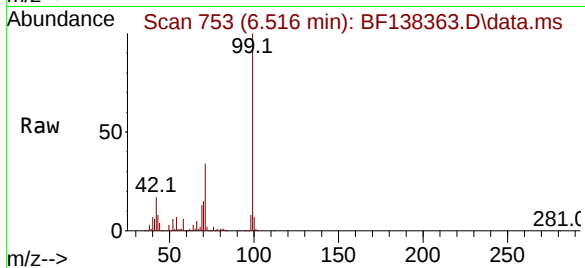
BNA_F

ClientSampleId :

PB161688TB

Tgt Ion: 99 Resp: 1947715

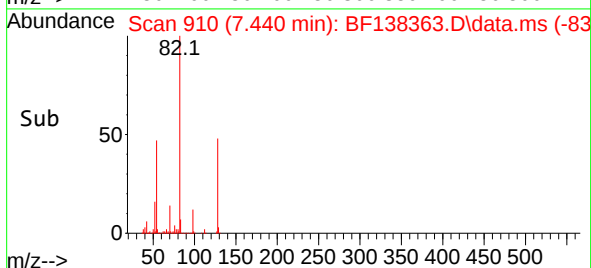
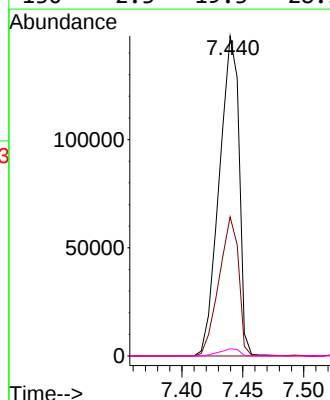
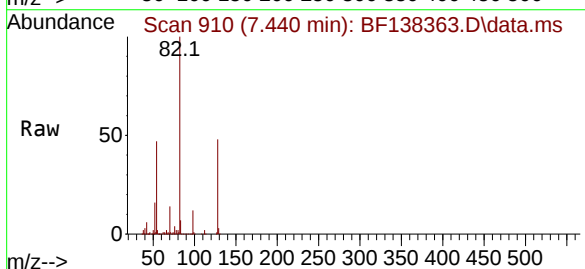
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	34.0	25.0	37.6

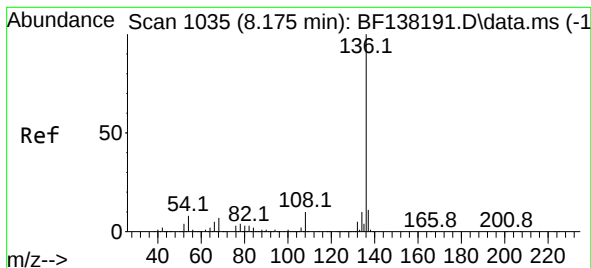


#19
n-Nitroso-di-n-propylamine
Concen: 16.495 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion: 70 Resp: 167973

Ion	Ratio	Lower	Upper
70	100		
42	43.5	42.8	64.2
101	0.0	8.4	12.6#
130	2.3	19.3	28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB161688TB

Tgt Ion:136 Resp: 893009

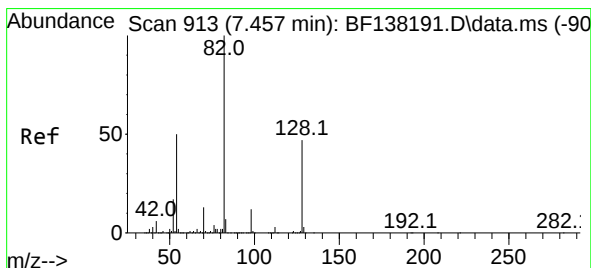
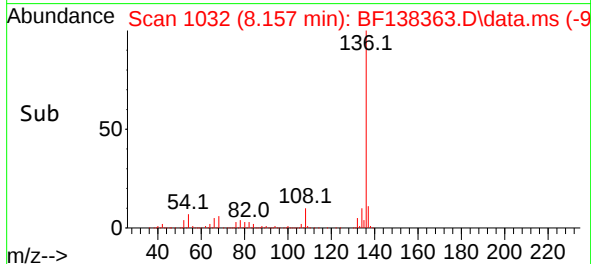
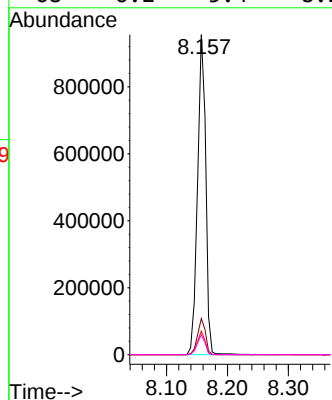
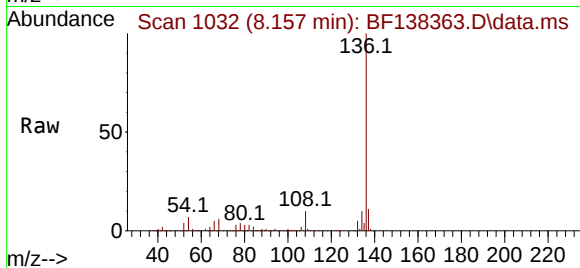
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 6.6 10.0

68 6.2 5.4 8.2



#23

Nitrobenzene-d5

Concen: 82.360 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.018 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

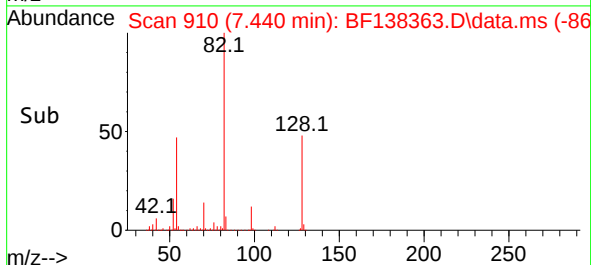
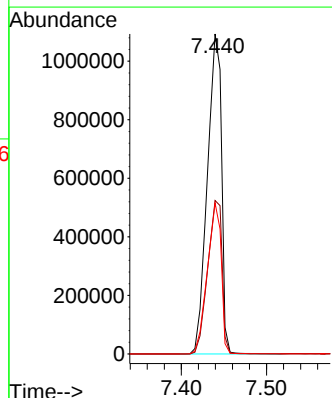
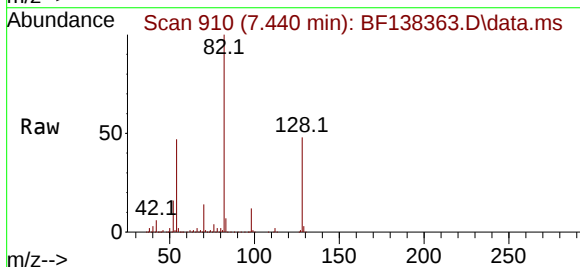
Tgt Ion: 82 Resp: 1263363

Ion Ratio Lower Upper

82 100

128 48.0 37.2 55.8

54 47.2 39.8 59.6

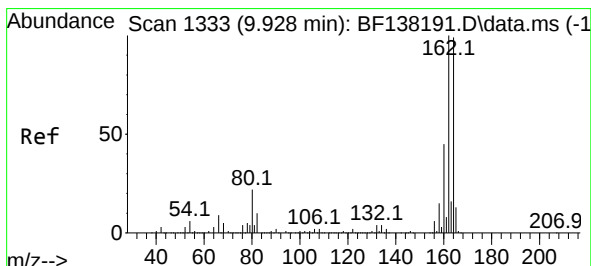
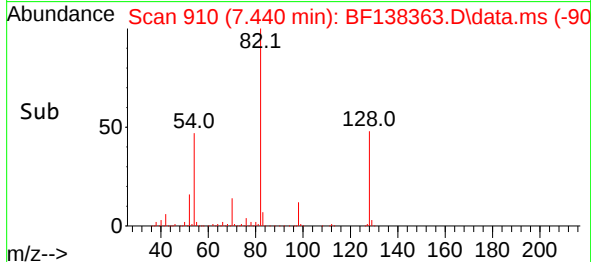
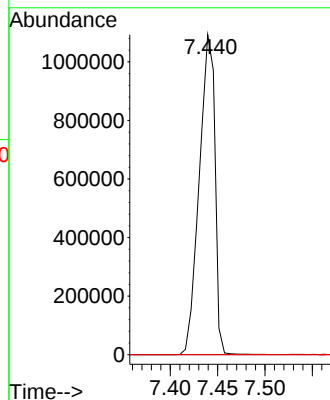
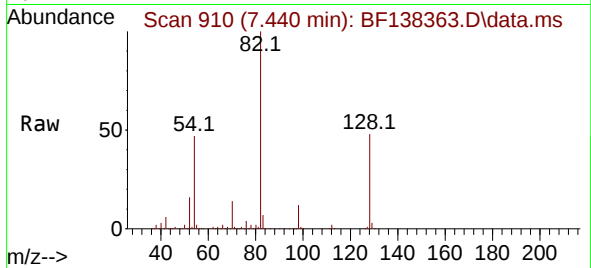




#25
Isophorone
Concen: 45.412 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

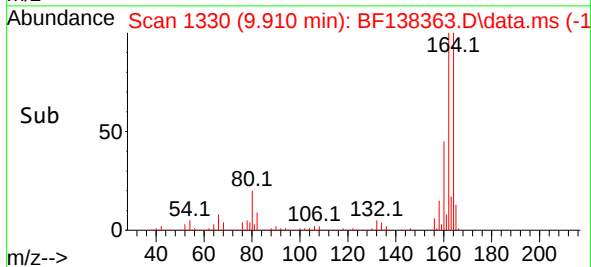
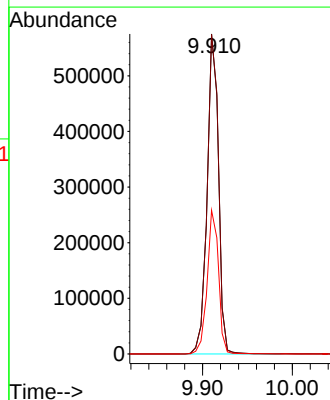
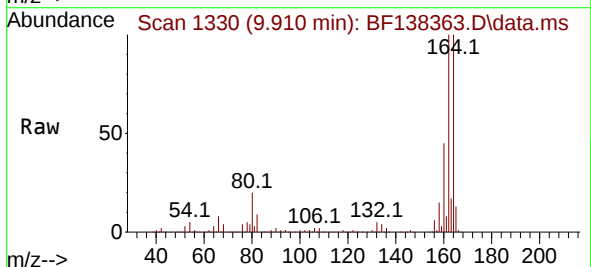
Instrument :
BNA_F
ClientSampleId :
PB161688TB

Tgt Ion: 82 Resp: 1259994
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion: 164 Resp: 505839
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 133.038 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB161688TB

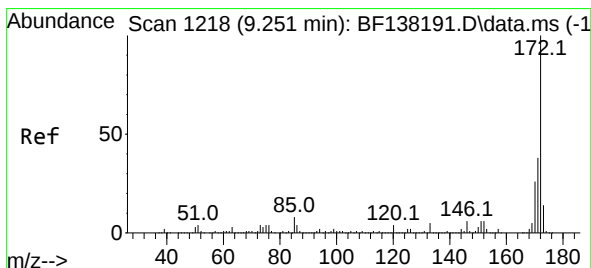
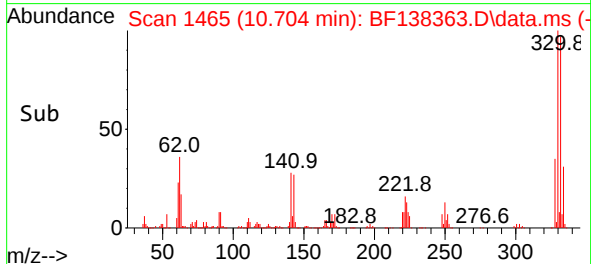
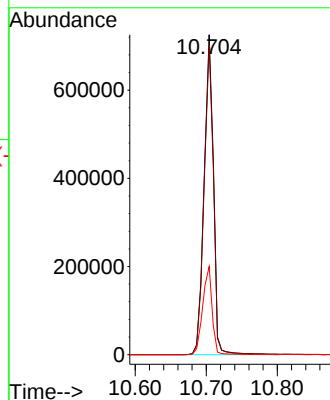
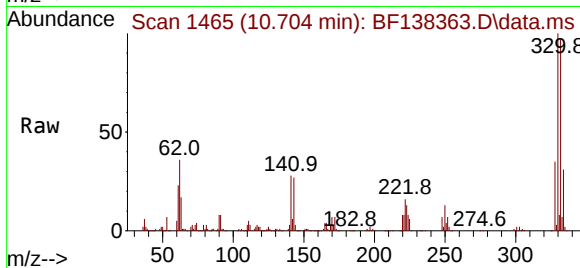
Tgt Ion:330 Resp: 669946

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 27.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 78.427 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

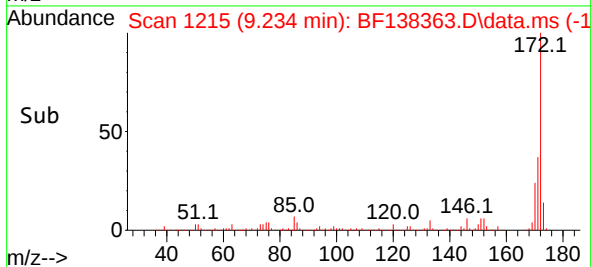
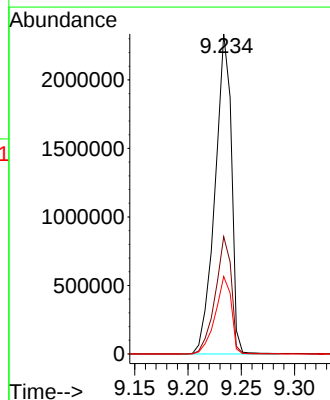
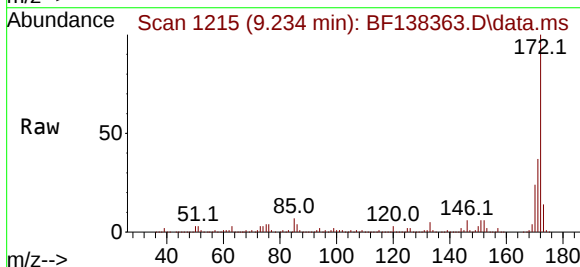
Tgt Ion:172 Resp: 2494838

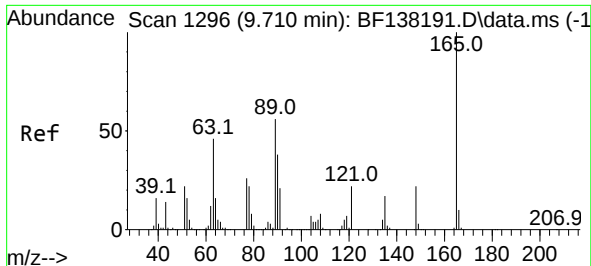
Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

170 24.2 20.6 30.8

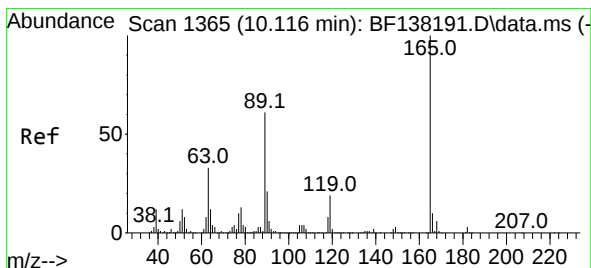
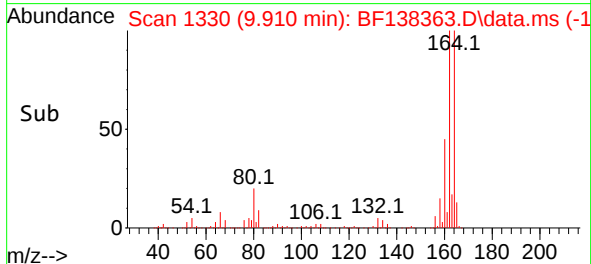
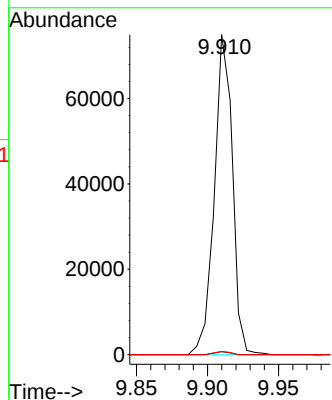
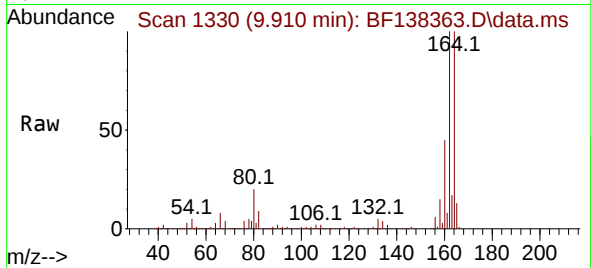




#51
2,6-Dinitrotoluene
Concen: 9.850 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

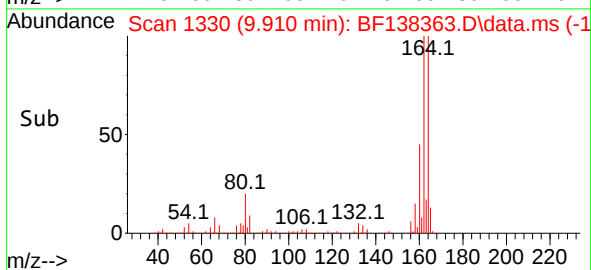
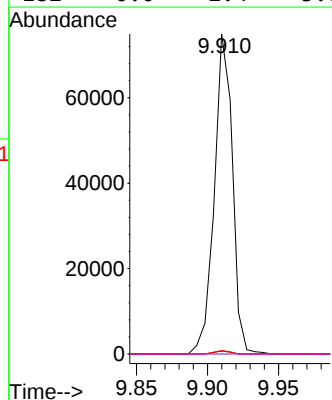
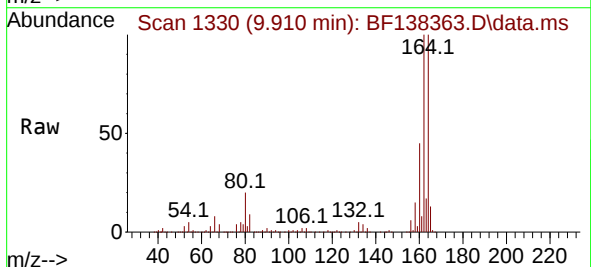
Instrument :
BNA_F
ClientSampleId :
PB161688TB

Tgt Ion:165 Resp: 66231
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.986 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.206 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

Tgt Ion:165 Resp: 66231
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB161688TB

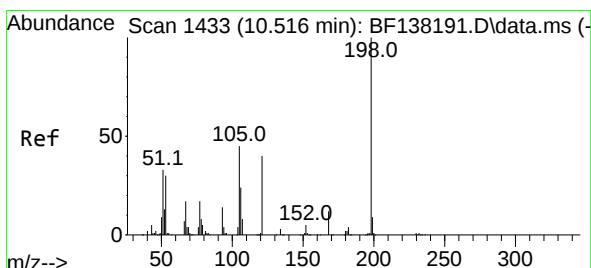
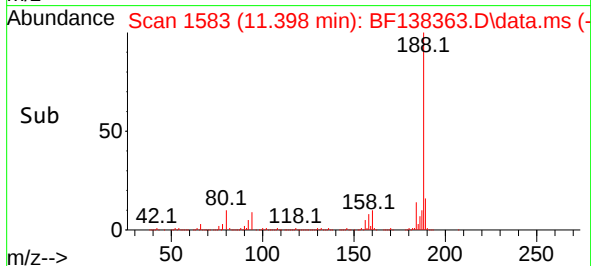
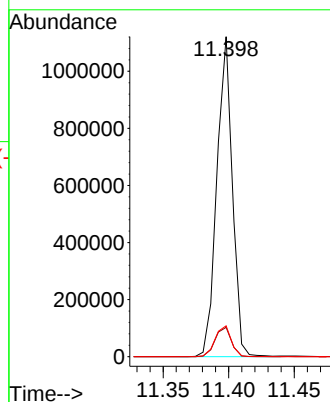
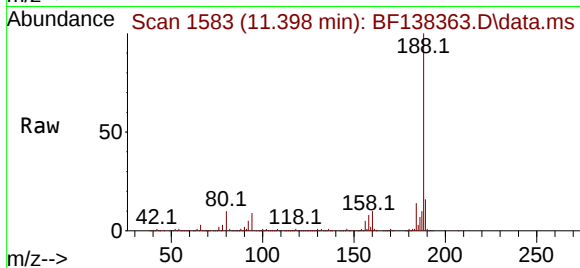
Tgt Ion:188 Resp: 922773

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.224 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138363.D

Acq: 27 Jun 2024 13:27

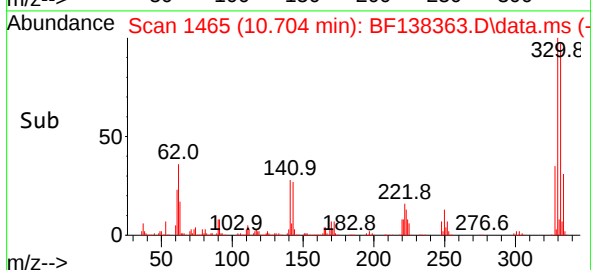
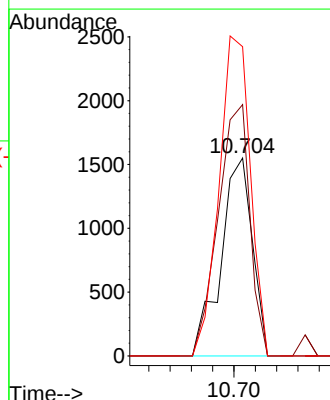
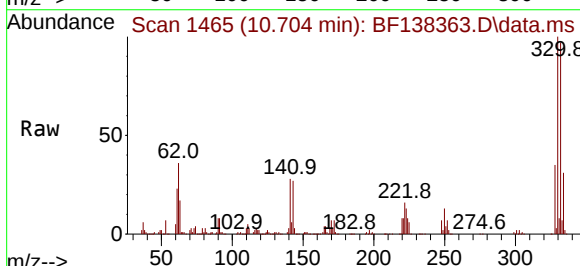
Tgt Ion:198 Resp: 1593

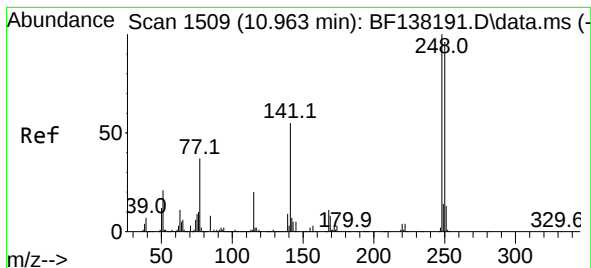
Ion Ratio Lower Upper

198 100

51 127.0 26.9 66.9#

105 156.2 26.0 66.0#

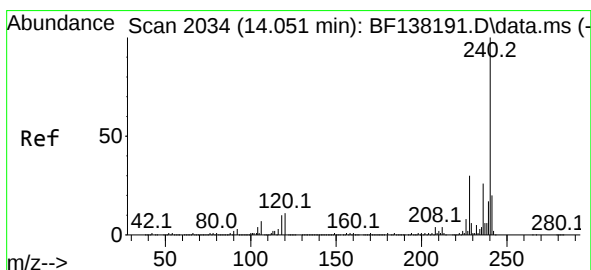
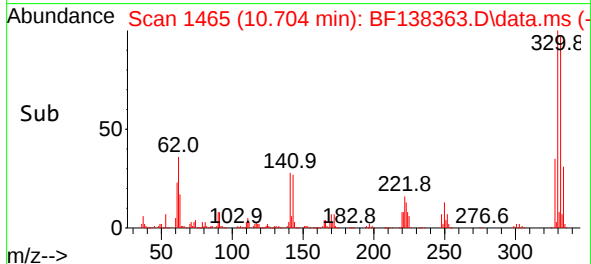
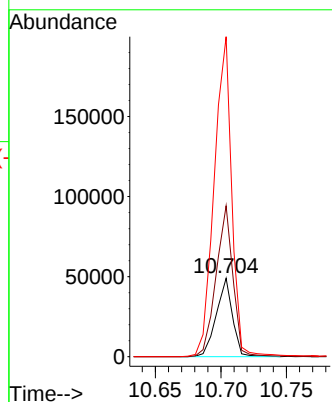
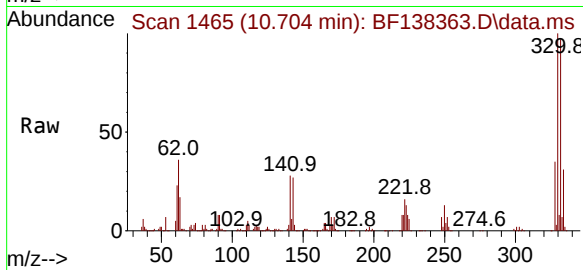




#67
4-Bromophenyl-phenylether
Concen: 4.051 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

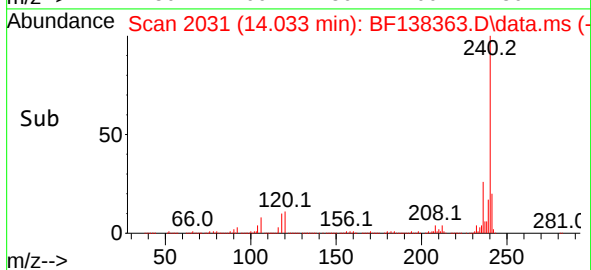
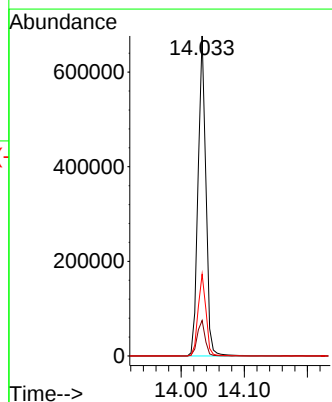
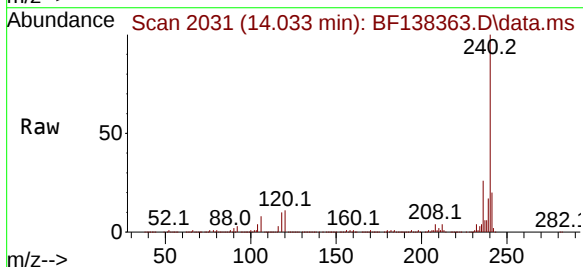
Instrument :
BNA_F
ClientSampleId :
PB161688TB

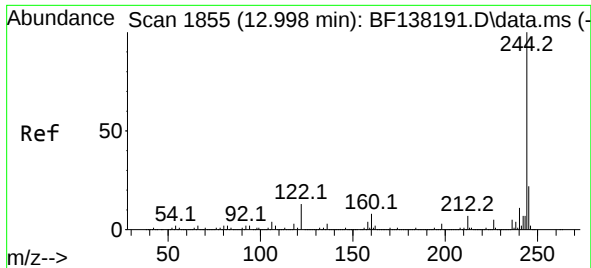
Tgt Ion:248 Resp: 42119
Ion Ratio Lower Upper
248 100
250 192.6 77.2 115.8#
141 408.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138363.D
Acq: 27 Jun 2024 13:27

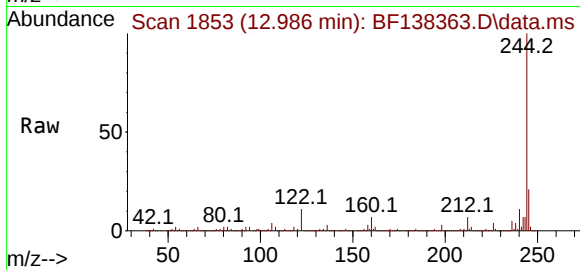
Tgt Ion:240 Resp: 579188
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.6 21.0 31.6





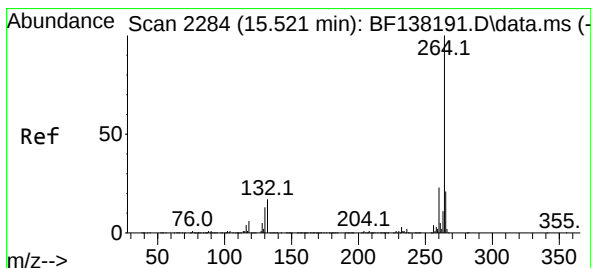
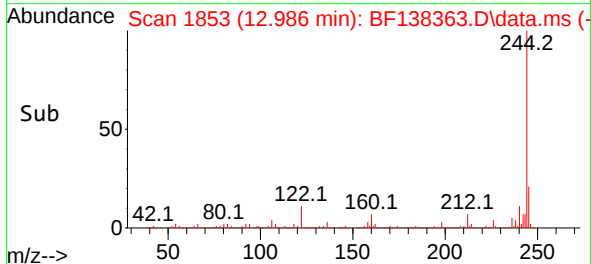
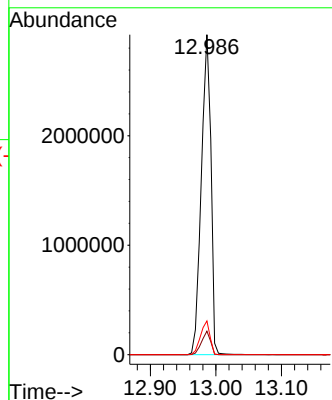
#79
 Terphenyl-d14
 Concen: 81.468 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB161688TB



Tgt Ion:244 Resp: 2979188

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	10.6	15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138363.D
 Acq: 27 Jun 2024 13:27

Tgt Ion:264 Resp: 519411

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.0	25.6

