

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129386.D
 Acq On : 27 Jul 2022 20:31
 Operator : CG\JU
 Sample : N3861-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Jul 28 01:32:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

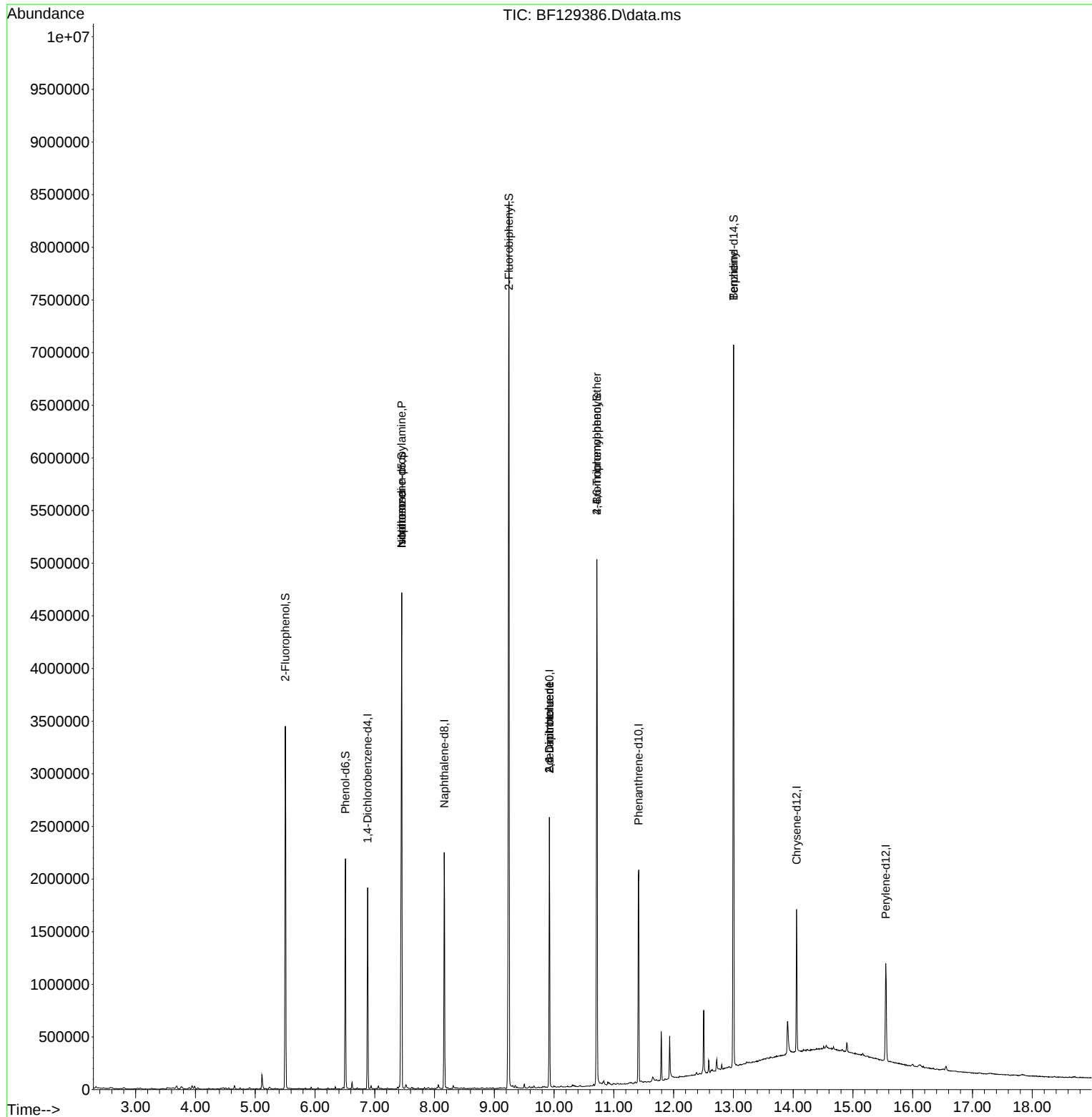
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	252612	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	979941	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	494848	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	764416	20.000	ng	0.00
76) Chrysene-d12	14.057	240	443102	20.000	ng	-0.01
86) Perylene-d12	15.551	264	412964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	904512	58.329	ng	0.00
7) Phenol-d6	6.510	99	681159	34.946	ng	0.00
23) Nitrobenzene-d5	7.451	82	1669630	93.008	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	646278	135.841	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2662307	83.227	ng	0.00
79) Terphenyl-d14	13.004	244	2334890	99.412	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	222664	18.870	ng	# 74
25) Isophorone	7.451	82	1664003	51.713	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	64823	8.478	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	64823	6.490	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	40562	4.846	ng	# 1
77) Benzidine	13.004	184	33324	2.129	ng	# 95

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

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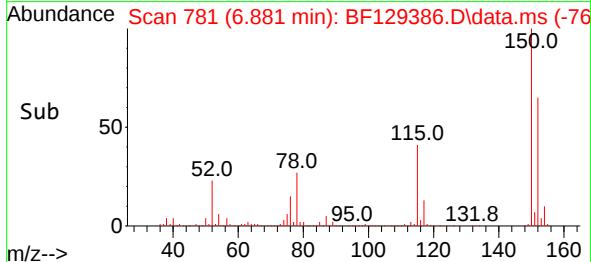
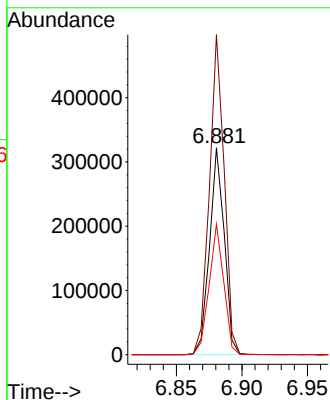
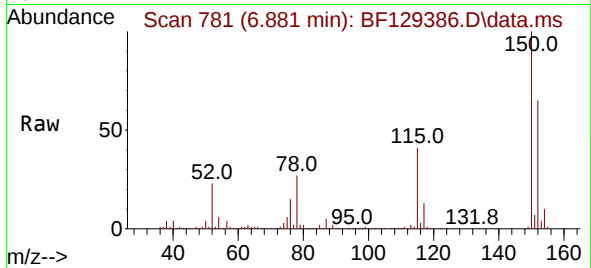




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129386.D
 Acq: 27 Jul 2022 20:31

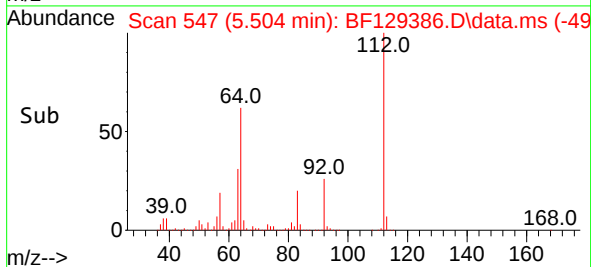
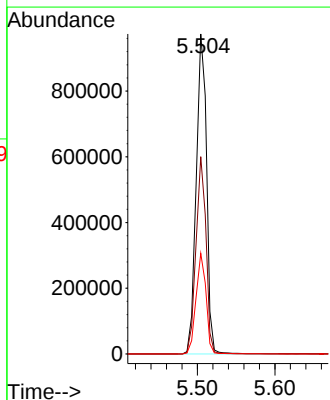
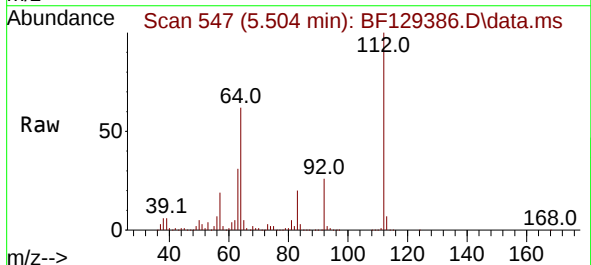
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

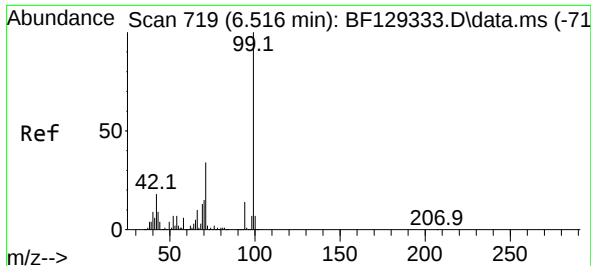
Tgt Ion:152 Resp: 252612
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 63.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 58.329 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129386.D
 Acq: 27 Jul 2022 20:31

Tgt Ion:112 Resp: 904512
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.3 79.9
 63 31.5 28.0 42.0





#7

Phenol-d6

Concen: 34.946 ng

RT: 6.510 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Instrument :

BNA_F

ClientSampleId :

MW-17

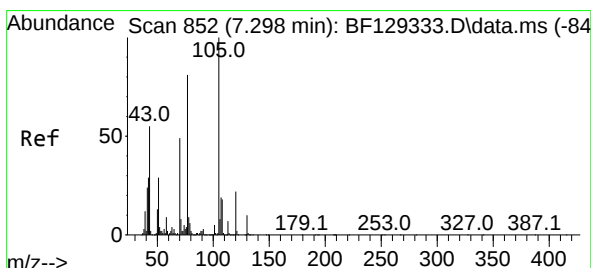
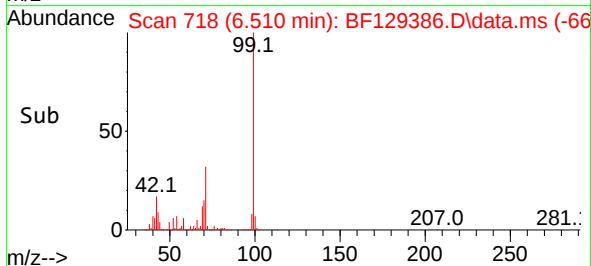
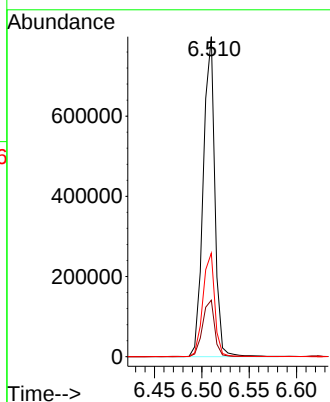
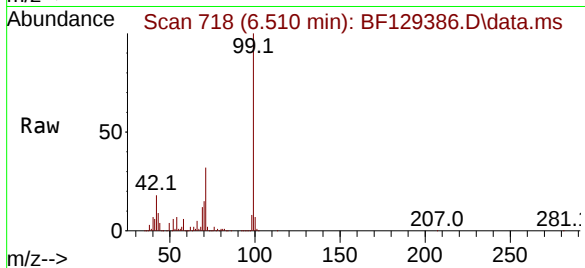
Tgt Ion: 99 Resp: 681159

Ion Ratio Lower Upper

99 100

42 17.6 17.3 25.9

71 32.4 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.870 ng

RT: 7.451 min Scan# 878

Delta R.T. 0.153 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Tgt Ion: 70 Resp: 222664

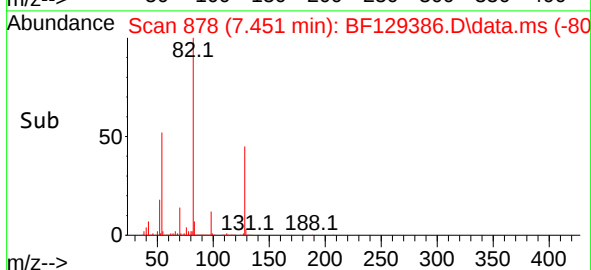
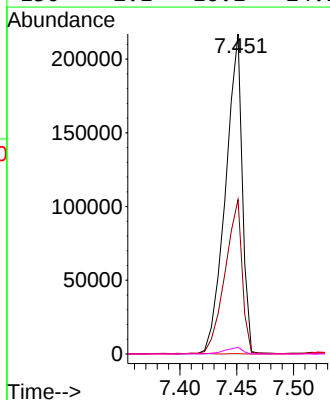
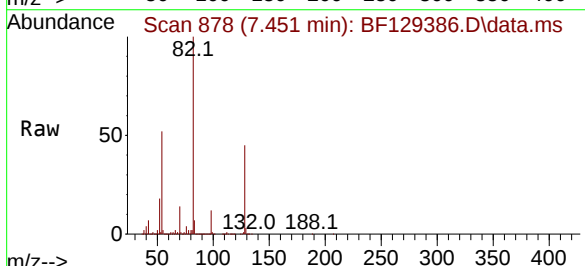
Ion Ratio Lower Upper

70 100

42 48.3 52.3 78.5#

101 0.1 7.5 11.3#

130 2.1 16.1 24.1#



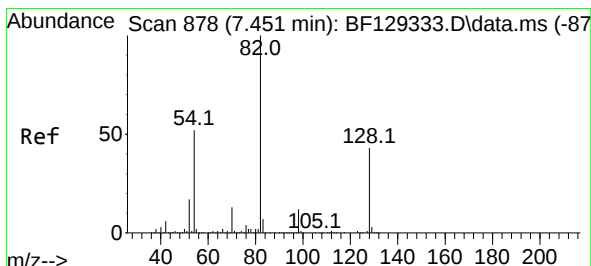
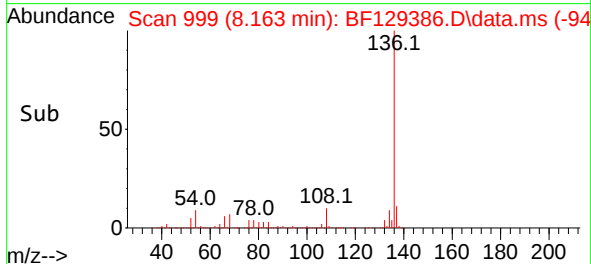
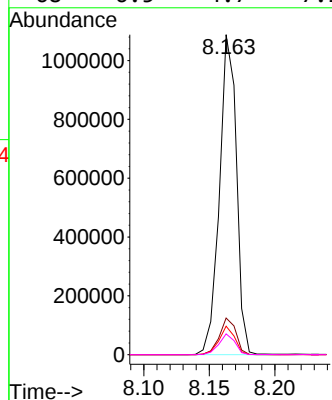
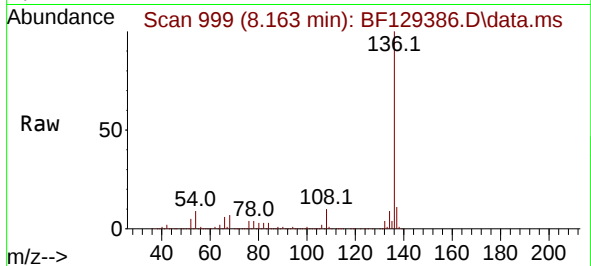


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:136 Resp: 979941

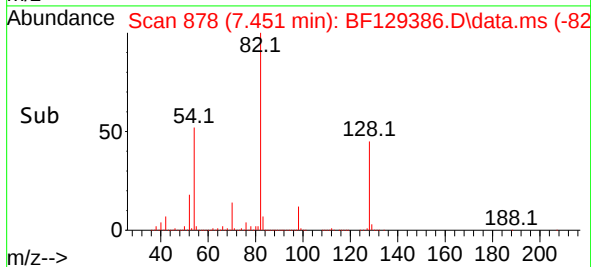
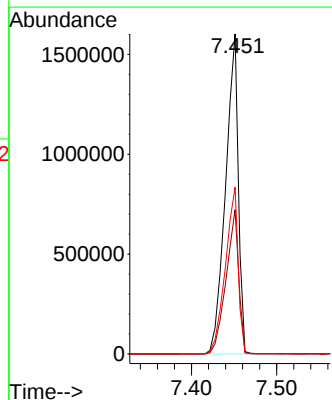
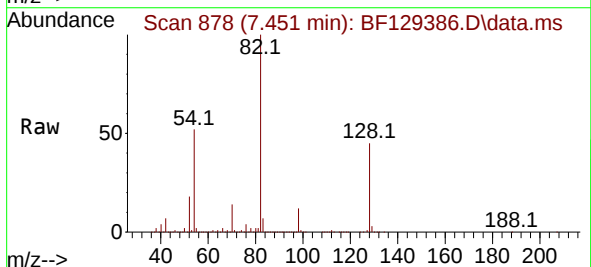
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.9	7.5	11.3
68	6.5	4.7	7.1

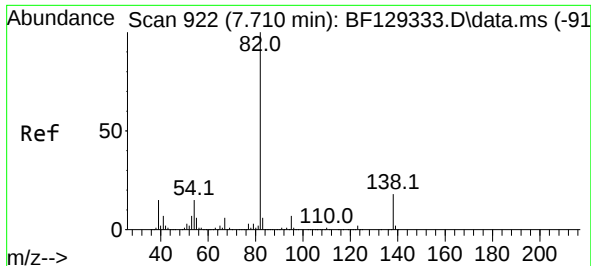


#23
Nitrobenzene-d5
Concen: 93.008 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

Tgt Ion: 82 Resp: 1669630

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	52.1	46.9	70.3

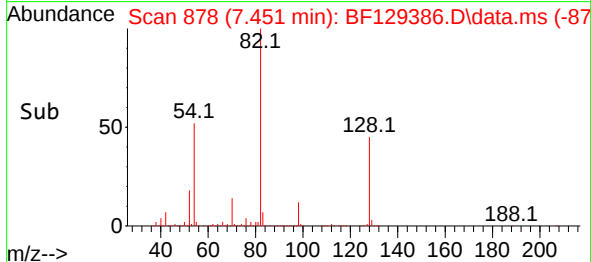
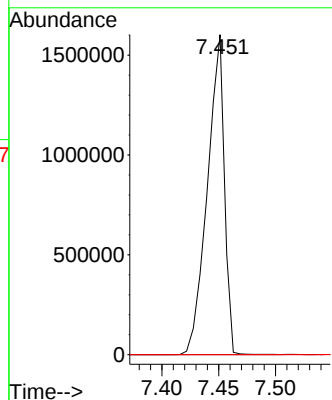
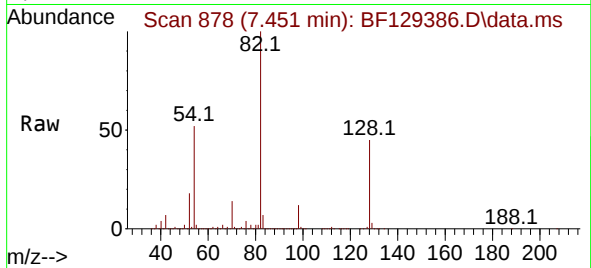




#25
Isophorone
Concen: 51.713 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

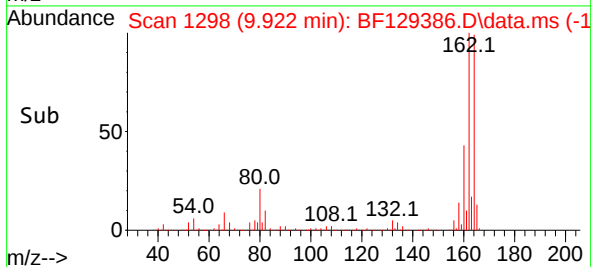
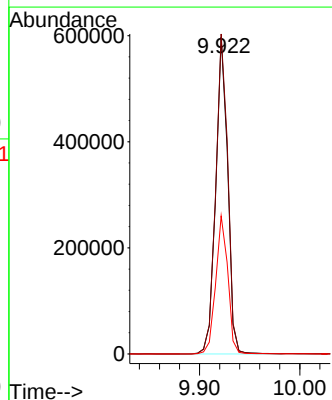
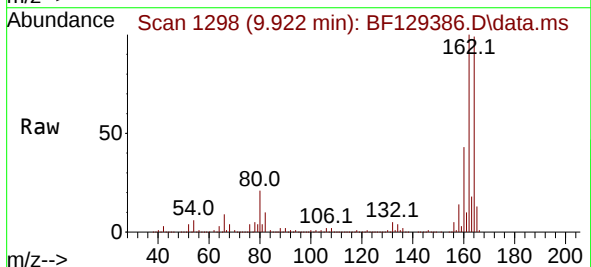
Instrument :
BNA_F
ClientSampleId :
MW-17

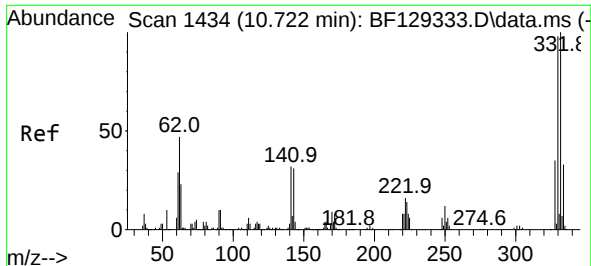
Tgt Ion: 82 Resp: 1664003
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

Tgt Ion: 164 Resp: 494848
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 135.841 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Instrument :

BNA_F

ClientSampleId :

MW-17

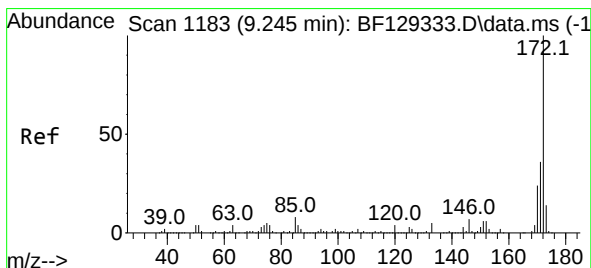
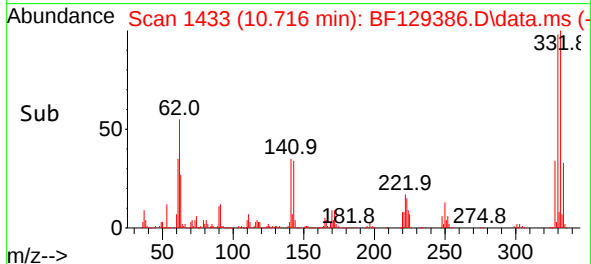
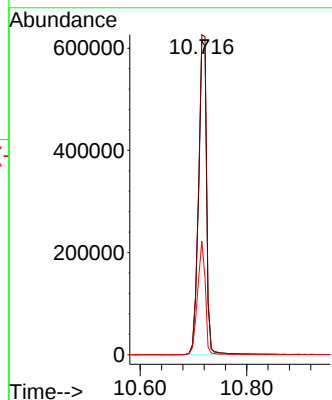
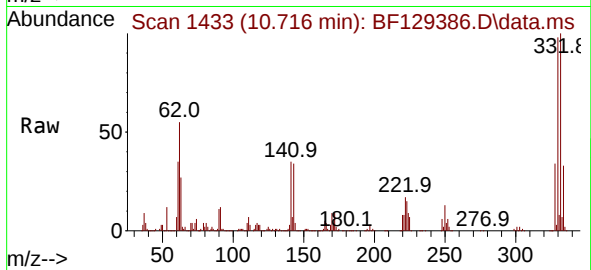
Tgt Ion:330 Resp: 646278

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.227 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

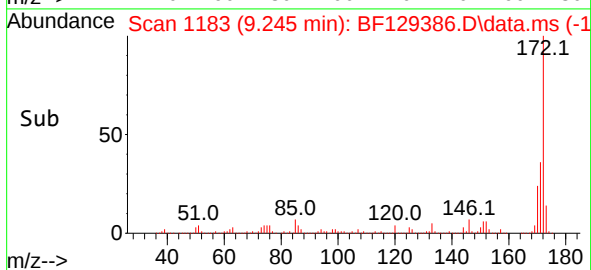
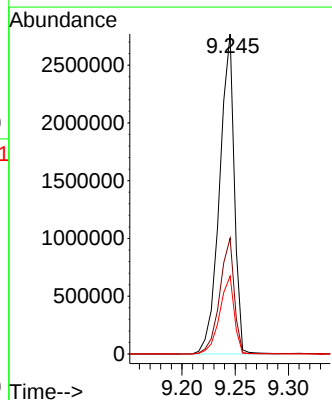
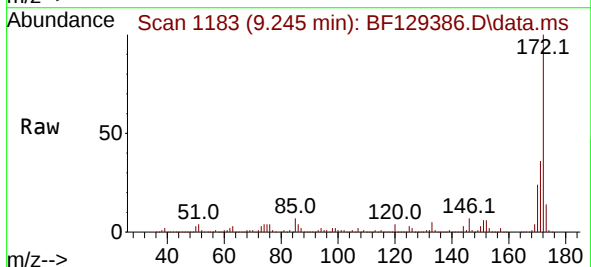
Tgt Ion:172 Resp: 2662307

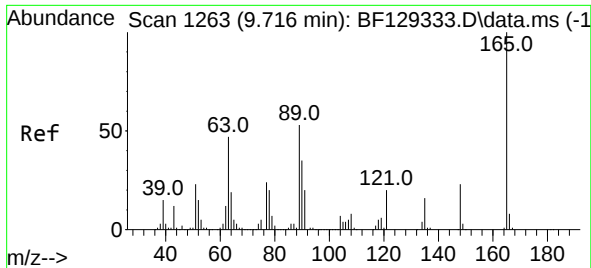
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.8 29.8

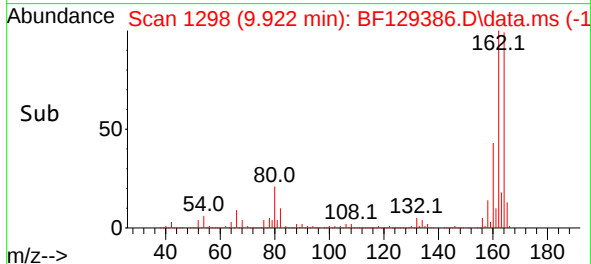
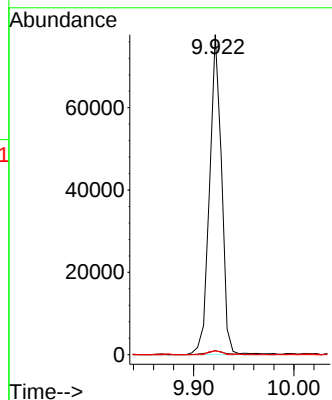
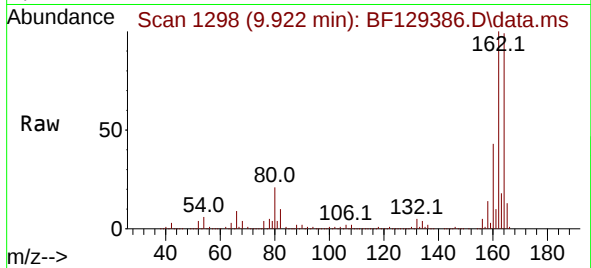




#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

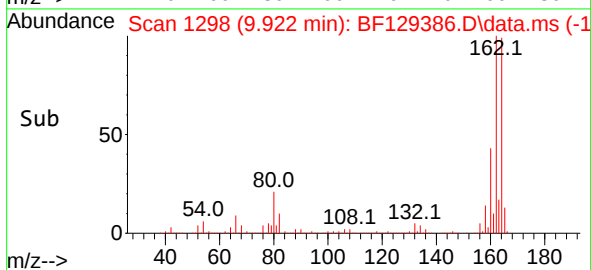
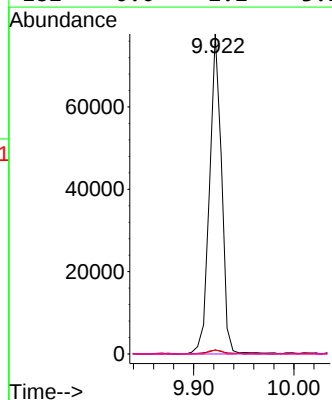
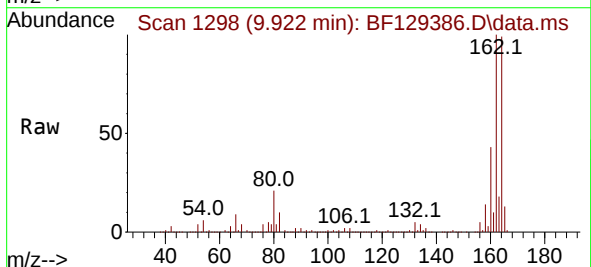
Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:165 Resp: 64823
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.490 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

Tgt Ion:165 Resp: 64823
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Instrument :

BNA_F

ClientSampleId :

MW-17

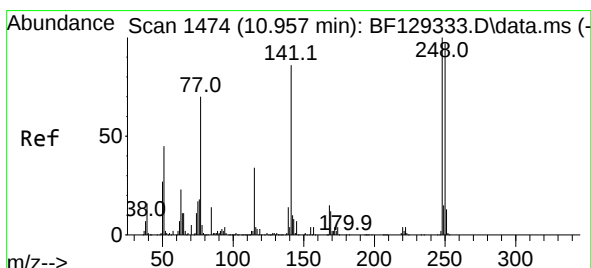
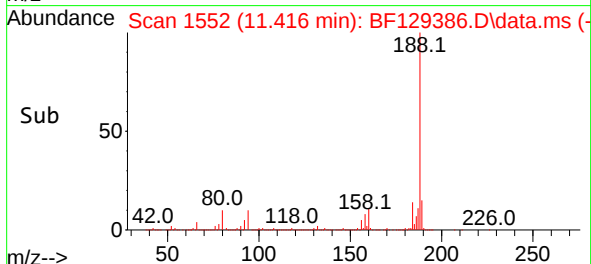
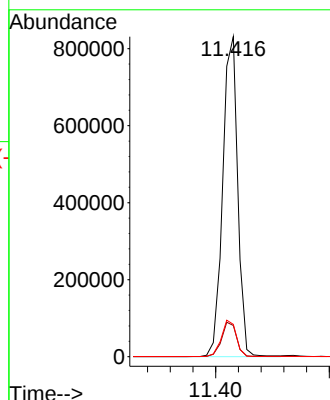
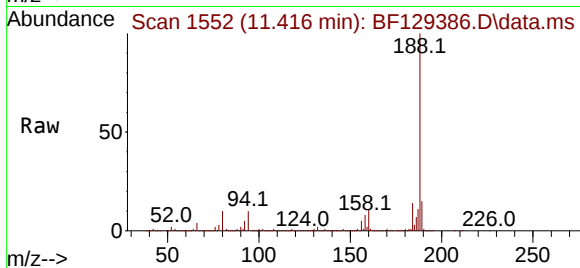
Tgt Ion:188 Resp: 764416

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.846 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

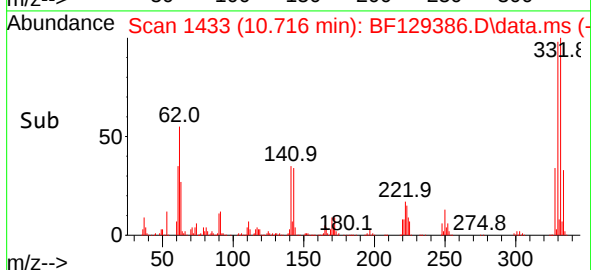
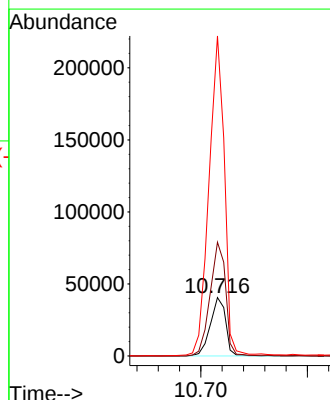
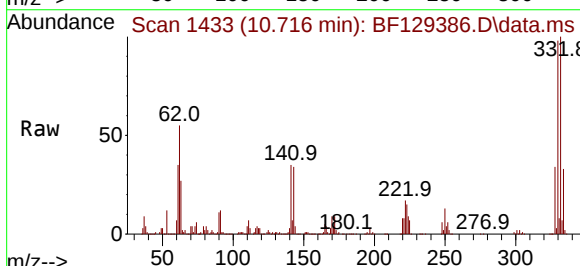
Tgt Ion:248 Resp: 40562

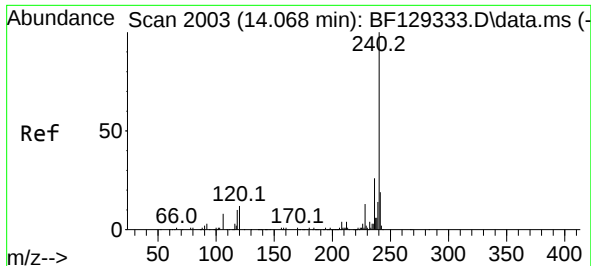
Ion Ratio Lower Upper

248 100

250 194.8 80.6 120.8#

141 547.7 58.9 88.3#

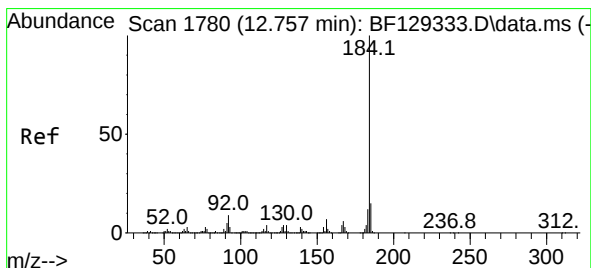
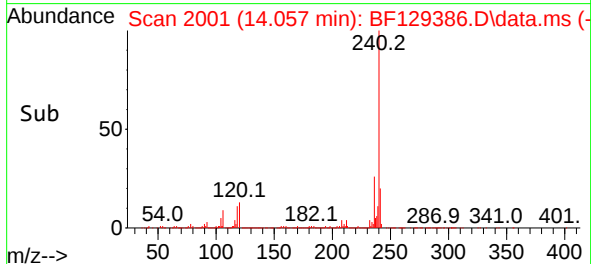
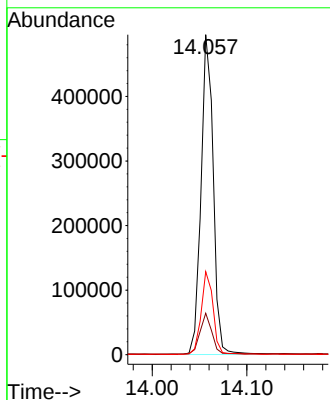
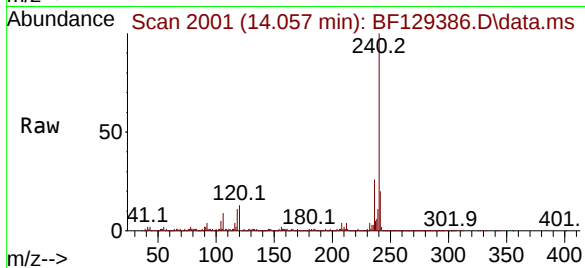




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

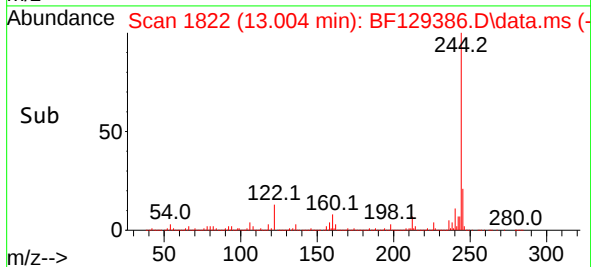
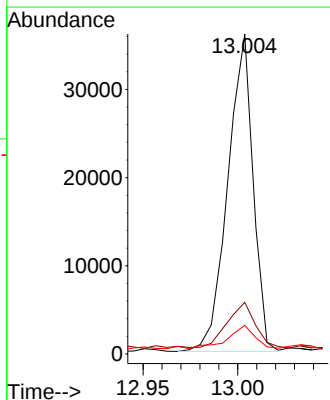
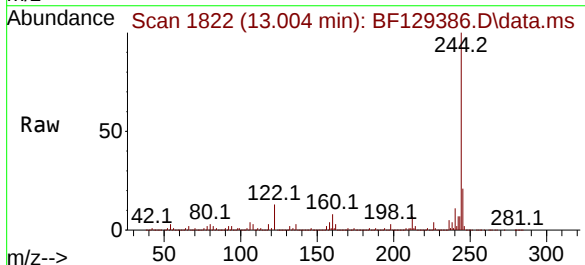
Instrument :
BNA_F
ClientSampleId :
MW-17

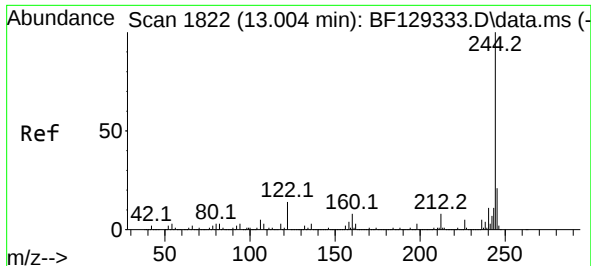
Tgt Ion:240 Resp: 443102
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.129 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129386.D
Acq: 27 Jul 2022 20:31

Tgt Ion:184 Resp: 33324
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 8.9 9.3 13.9#

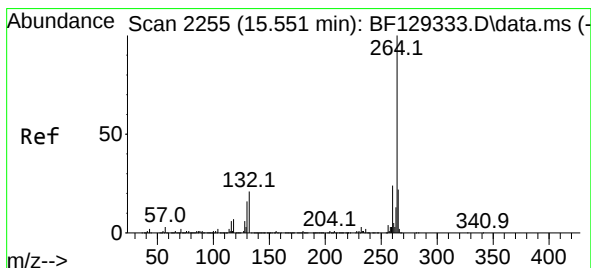
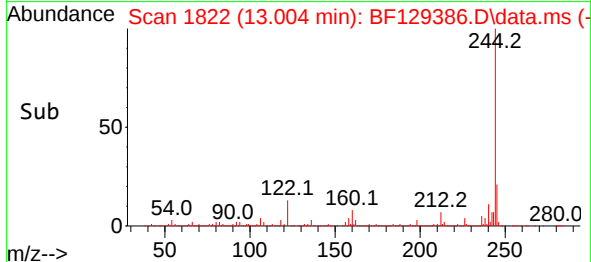
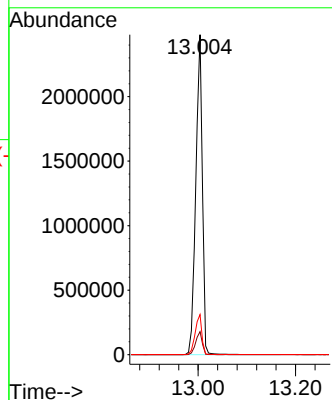
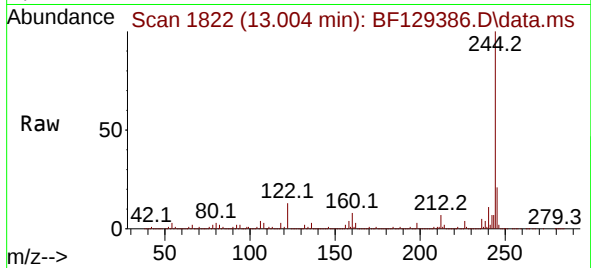




#79
 Terphenyl-d14
 Concen: 99.412 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129386.D
 Acq: 27 Jul 2022 20:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:244 Resp: 2334890
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF129386.D
 Acq: 27 Jul 2022 20:31

Tgt Ion:264 Resp: 412964
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.9 17.2 25.8

