

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039527.D
 Acq On : 20 Apr 2023 16:35
 Operator : CG/JU
 Sample : 02296-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBN0

Quant Time: Apr 21 00:38:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

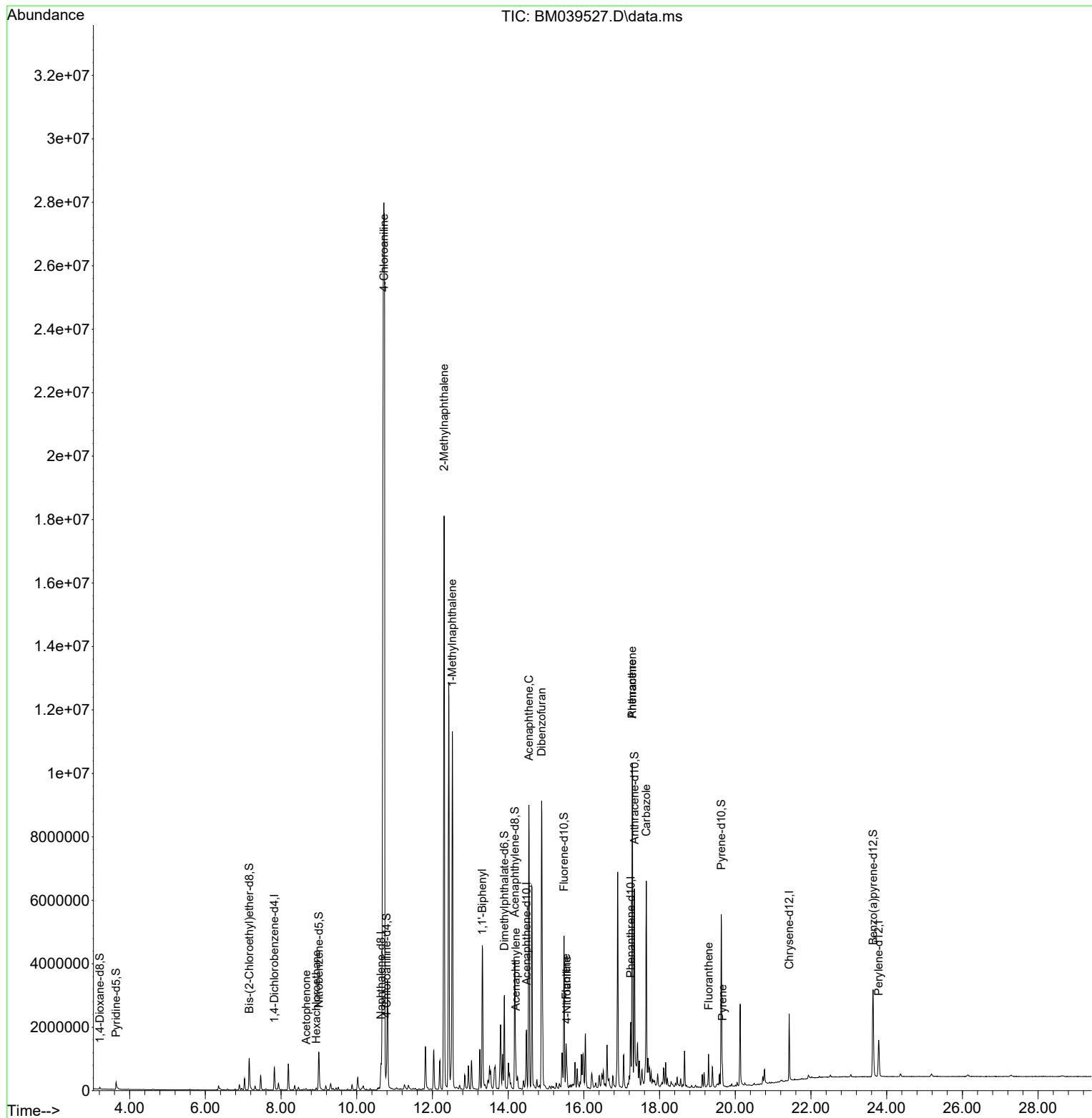
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	201177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.642	136	956653	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	634162	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	1274610	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	925218	20.000	ng/ul	0.00
88) Perylene-d12	23.788	264	863019	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	27194	5.189	ng/uL	0.00
4) Pyridine-d5	3.643	84	145789	9.900	ng/ul	0.00
7) Phenol-d5	7.066	99	2237	0.121	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.160	67	488562	40.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.378	132	538	0.037	ng/ul	0.01
15) 4-Methylphenol-d8	8.595	113	13466	0.908	ng/ul	0.03
21) Nitrobenzene-d5	9.001	128	307652	39.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.725	143	56	0.006	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	346	0.023	ng/ul	0.04
31) 4-Chloroaniline-d4	10.789	131	356281	16.042	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	1936844	37.870	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	2434832	42.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.730	143	153	0.020	ng/ul	0.00
60) Fluorene-d10	15.477	176	1790548	42.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.336	188	2665659	43.487	ng/ul	0.00
81) Pyrene-d10	19.630	212	2846334	46.297	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.641	264	2008331	43.103	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.666	105	24927	1.023	ng/ul	97
19) Hexachloroethane	8.931	117	11186	1.695	ng/ul#	9
32) 4-Chloroaniline	10.719	127	6867707	313.822	ng/ul#	12
36) 2-Methylnaphthalene	12.307	142	9054585	255.178	ng/ul	100
37) 1-Methylnaphthalene	12.524	142	5277094	147.993	ng/ul	99
43) 1,1'-Biphenyl	13.313	154	582507	11.886	ng/ul#	96
50) Acenaphthylene	14.201	152	65284	1.062	ng/ul#	70
52) Acenaphthene	14.548	153	3599352	85.060	ng/ul	99
56) Dibenzofuran	14.883	168	5881435	102.258	ng/ul	99
61) Fluorene	15.530	166	608093	12.781	ng/ul#	92
63) 4-Nitroaniline	15.554	138	21326	2.897	ng/ul#	46
72) Phenanthrene	17.277	178	6037514	85.320	ng/ul	99
74) Anthracene	17.277	178	6037514	85.048	ng/ul	98
77) Carbazole	17.648	167	4123553	65.368	ng/ul	99
80) Fluoranthene	19.295	202	592997	8.229	ng/ul	97
82) Pyrene	19.659	202	341297	4.575	ng/ul	99

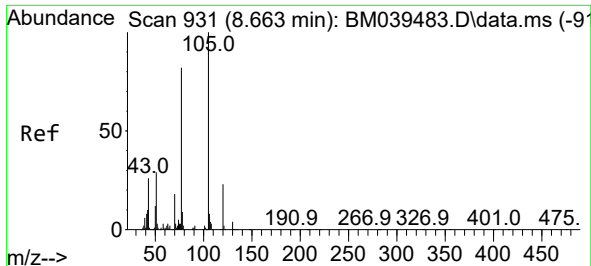
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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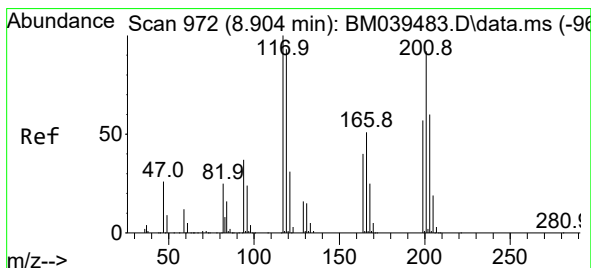
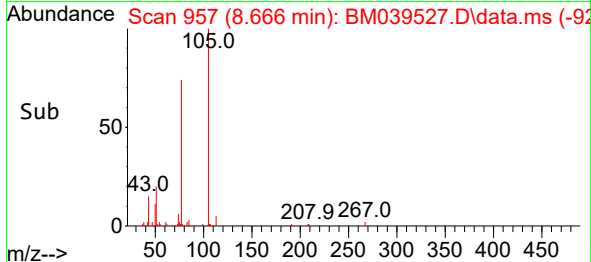
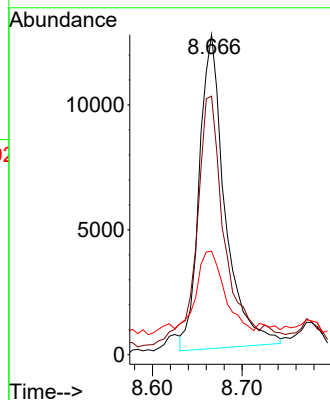
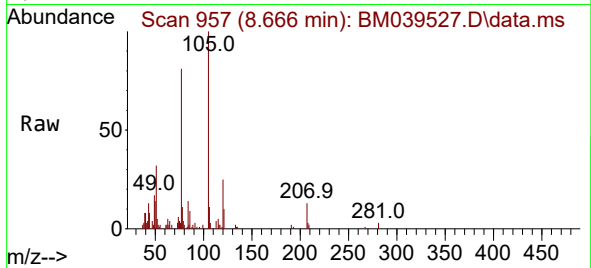




#16
Acetophenone
Concen: 1.023 ng/ul
RT: 8.666 min Scan# 91
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

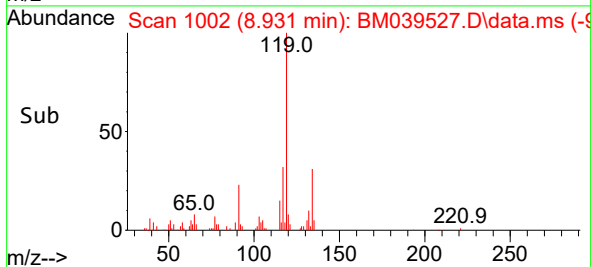
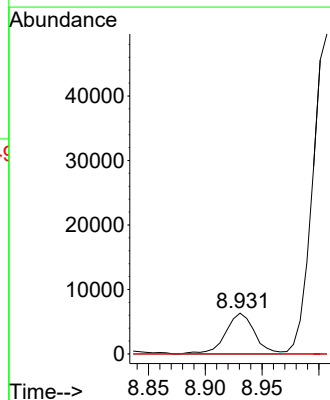
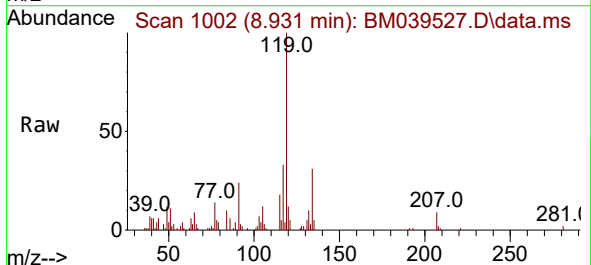
Instrument :
BNA_M
ClientSampleId :
DCBN0

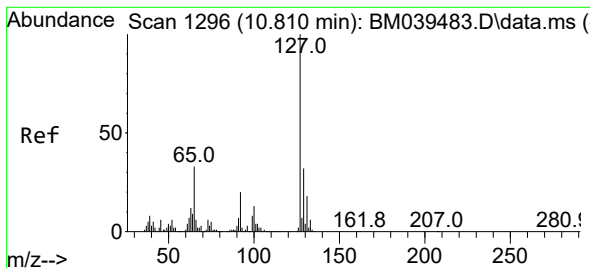
Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.8	64.1	96.1
51	32.4	22.2	33.4



#19
Hexachloroethane
Concen: 1.695 ng/ul
RT: 8.931 min Scan# 1002
Delta R.T. 0.026 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	78.3	117.5#
199	0.0	47.4	71.0#

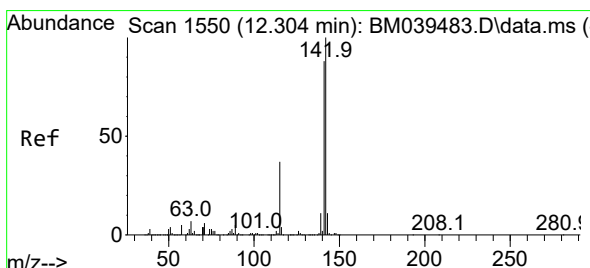
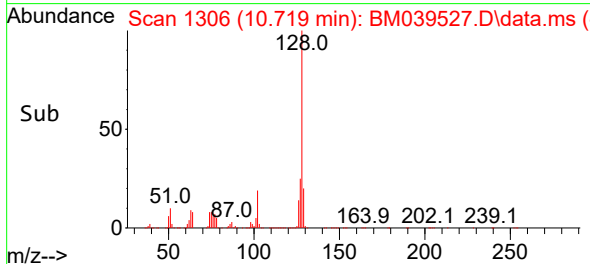
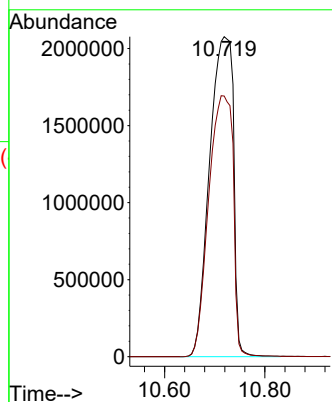
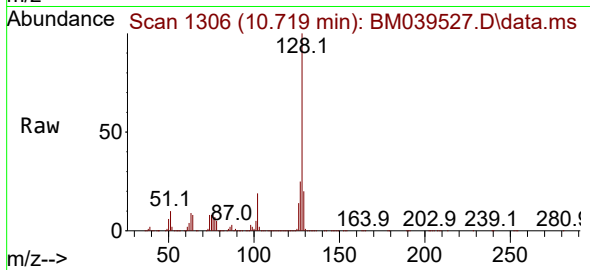




#32
4-Chloroaniline
Concen: 313.822 ng/ul
RT: 10.719 min Scan# 11
Delta R.T. -0.091 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

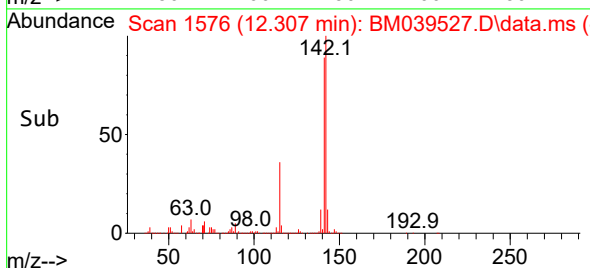
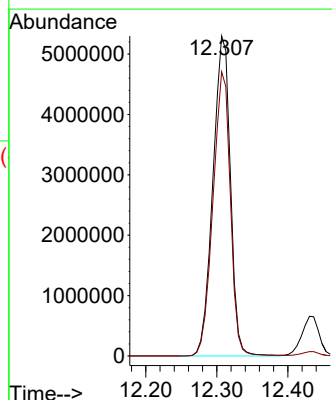
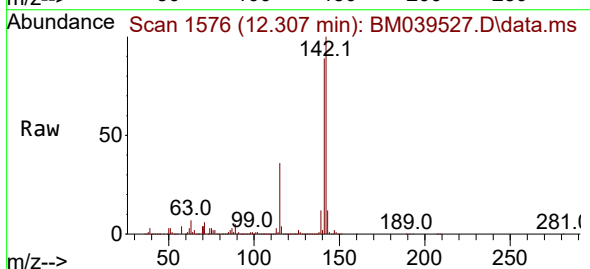
Instrument :
BNA_M
ClientSampleId :
DCBN0

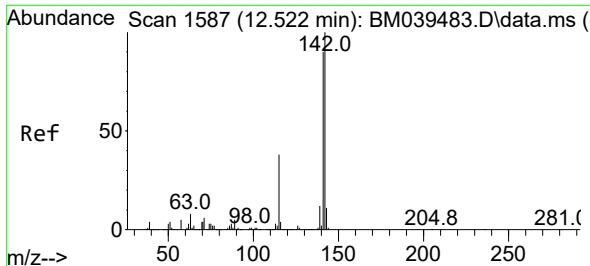
Tgt Ion:127 Resp: 6867707
Ion Ratio Lower Upper
127 100
129 81.5 25.8 38.8#



#36
2-Methylnaphthalene
Concen: 255.178 ng/ul
RT: 12.307 min Scan# 1576
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion:142 Resp: 9054585
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#37

1-Methylnaphthalene

Concen: 147.993 ng/ul

RT: 12.524 min Scan# 1

Delta R.T. 0.003 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

Instrument :

BNA_M

ClientSampleId :

DCBN0

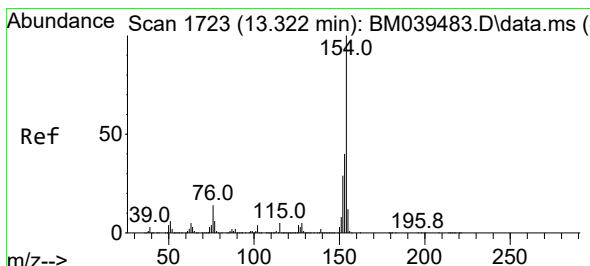
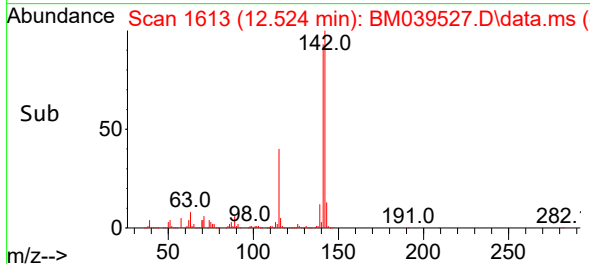
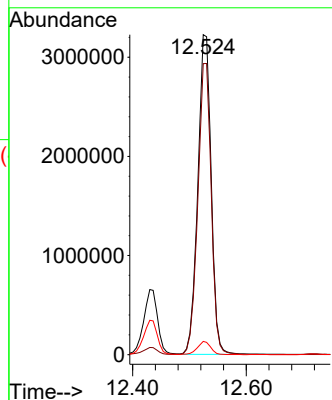
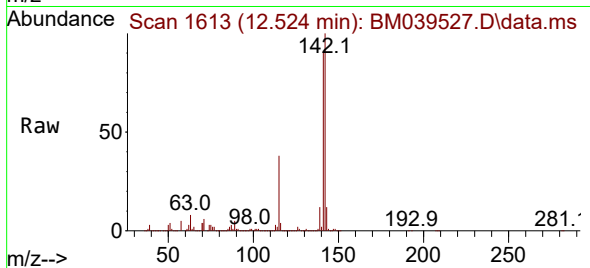
Tgt Ion:142 Resp: 5277094

Ion Ratio Lower Upper

142 100

141 90.9 72.0 108.0

116 4.2 3.2 4.8



#43

1,1'-Biphenyl

Concen: 11.886 ng/ul

RT: 13.313 min Scan# 1747

Delta R.T. -0.009 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

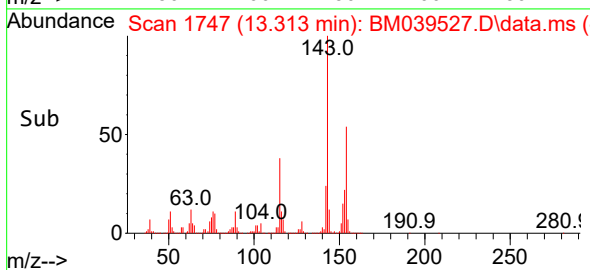
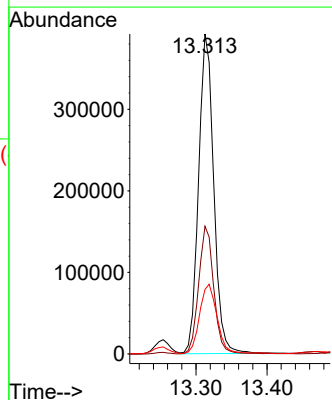
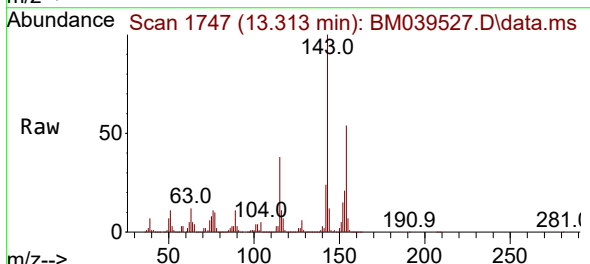
Tgt Ion:154 Resp: 582507

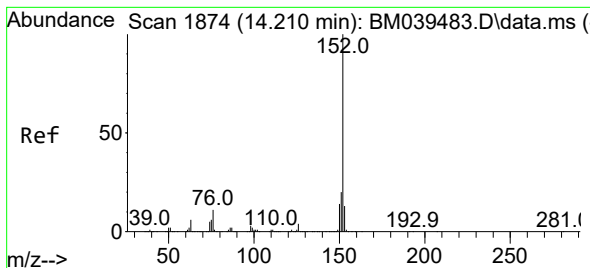
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 20.1 11.5 17.3#





#50

Acenaphthylene

Concen: 1.062 ng/ul

RT: 14.201 min Scan# 1

Delta R.T. -0.009 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

Instrument :

BNA_M

ClientSampleId :

DCBN0

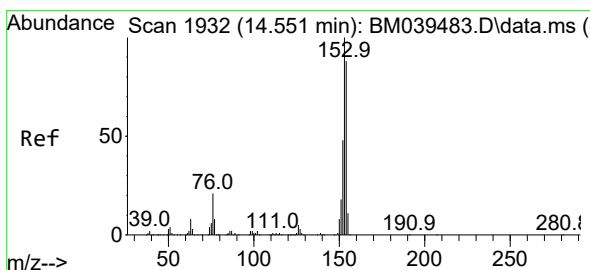
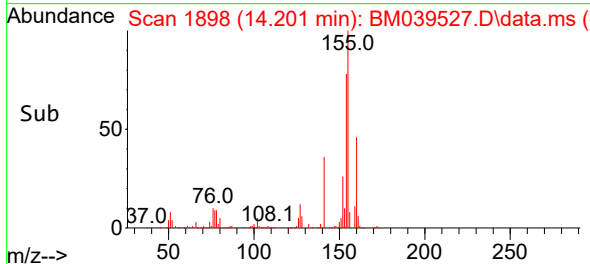
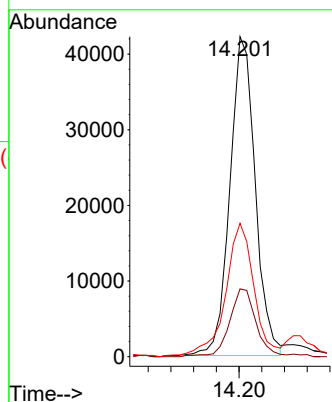
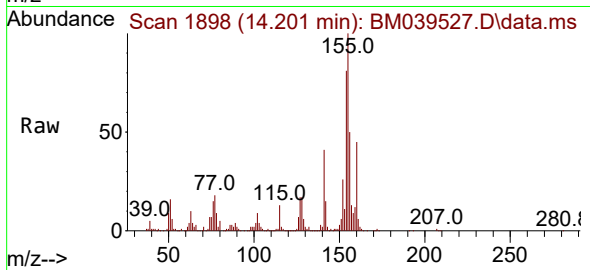
Tgt Ion:152 Resp: 65284

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.8

153 41.7 10.4 15.6#



#52

Acenaphthene

Concen: 85.060 ng/ul

RT: 14.548 min Scan# 1957

Delta R.T. -0.003 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

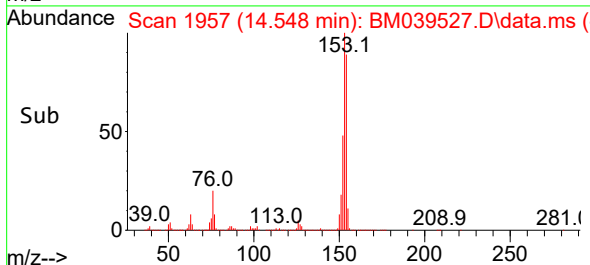
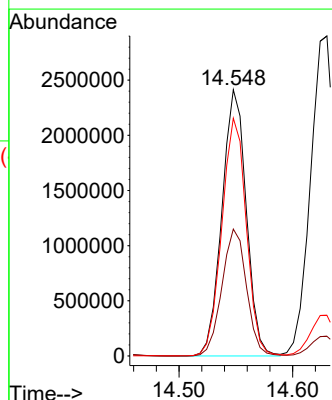
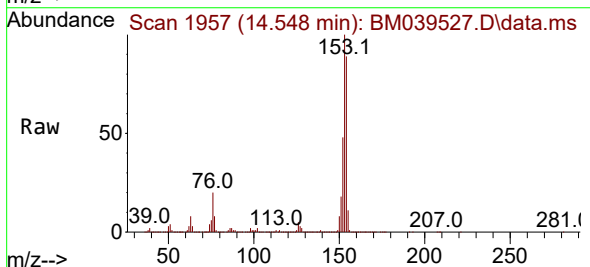
Tgt Ion:153 Resp: 3599352

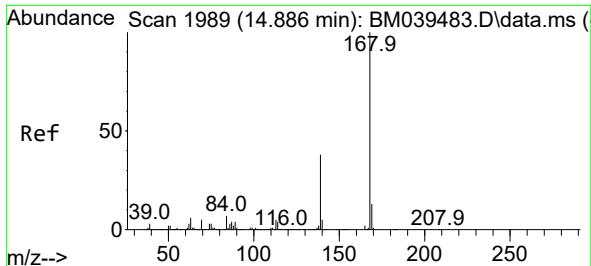
Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.4

154 89.3 71.0 106.4

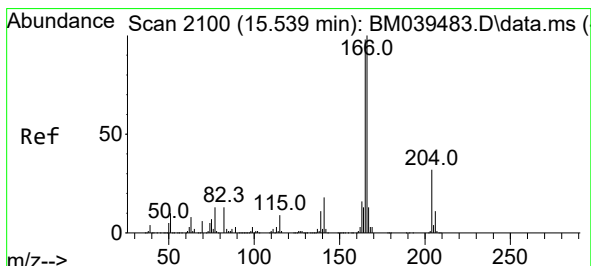
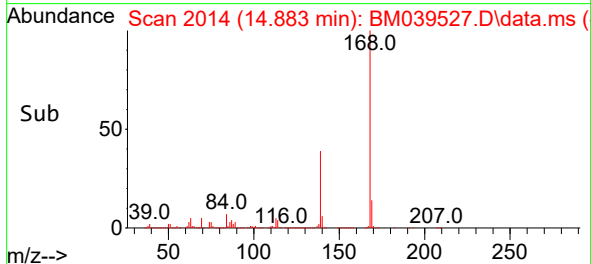
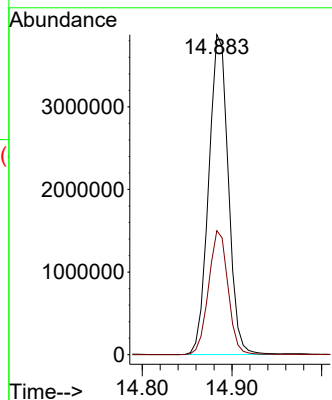
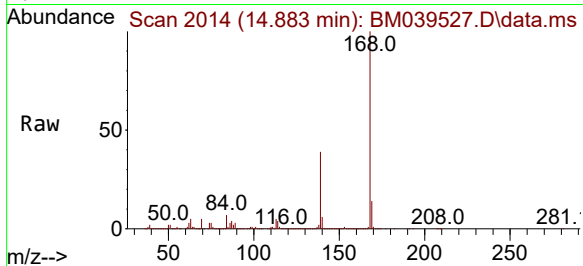




#56
Dibenzenofuran
Concen: 102.258 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

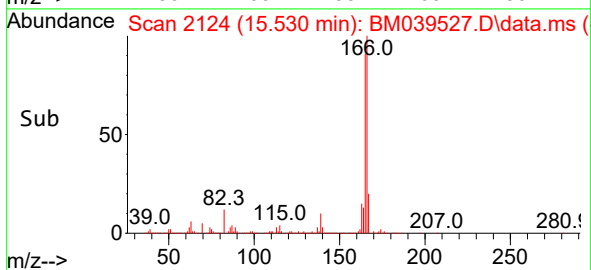
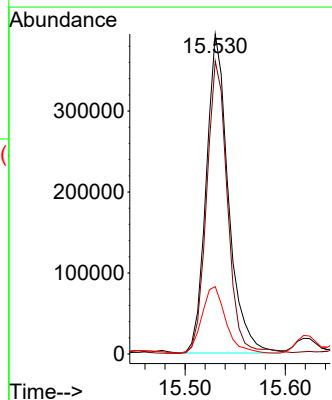
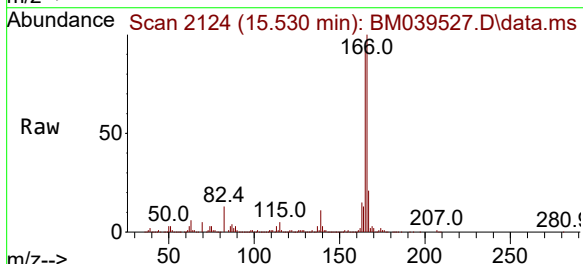
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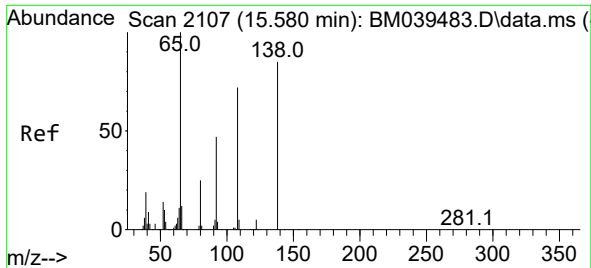
Tgt Ion:168 Resp: 5881435
Ion Ratio Lower Upper
168 100
139 38.8 30.7 46.1



#61
Fluorene
Concen: 12.781 ng/ul
RT: 15.530 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion:166 Resp: 608093
Ion Ratio Lower Upper
166 100
165 91.5 78.2 117.2
167 21.1 10.7 16.1#

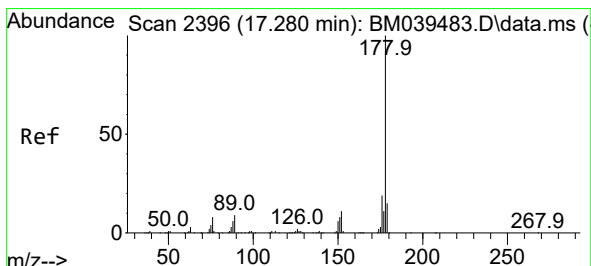
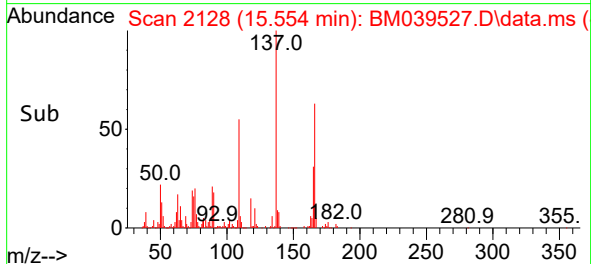
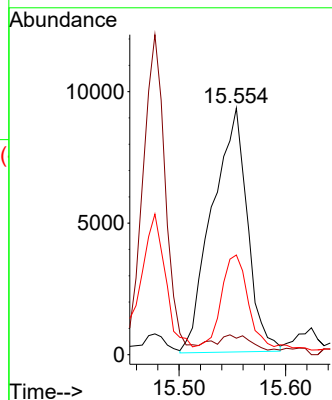
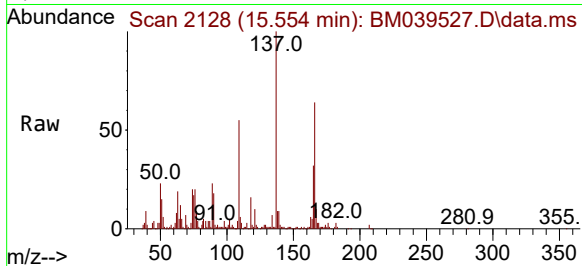




#63
4-Nitroaniline
Concen: 2.897 ng/ul
RT: 15.554 min Scan# 2107
Delta R.T. -0.027 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

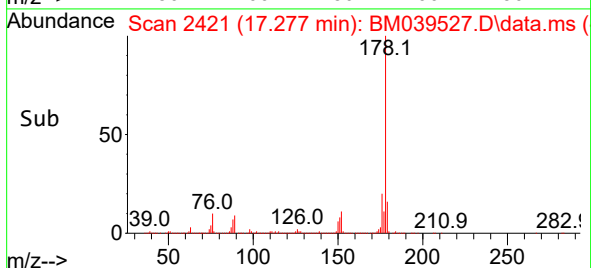
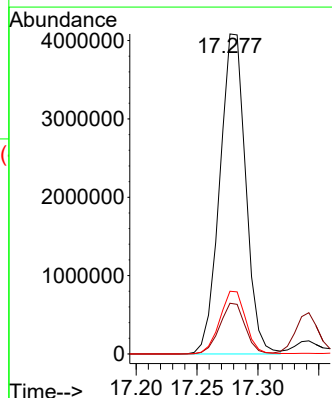
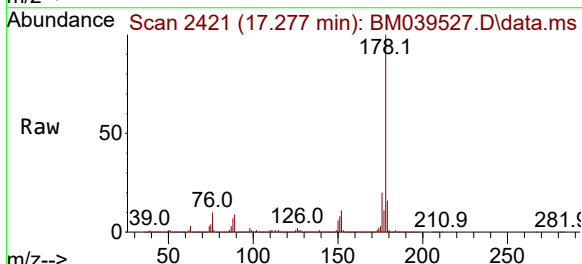
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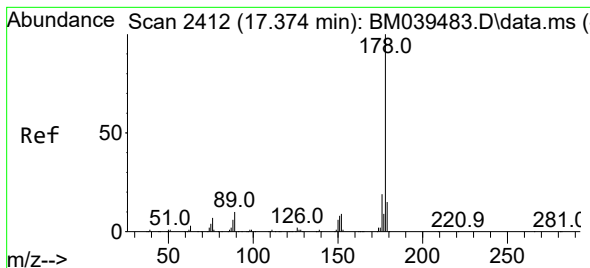
Tgt Ion:138 Resp: 21326
Ion Ratio Lower Upper
138 100
92 6.7 44.1 66.1#
108 40.4 64.6 97.0#



#72
Phenanthrene
Concen: 85.320 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion:178 Resp: 6037514
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.6 15.8 23.8





#74

Anthracene

Concen: 85.048 ng/ul

RT: 17.277 min Scan# 2412

Delta R.T. -0.097 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

Instrument :

BNA_M

ClientSampleId :

DCBN0

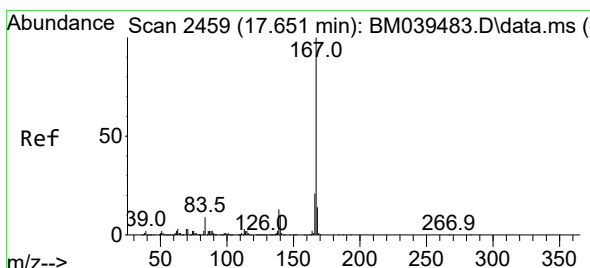
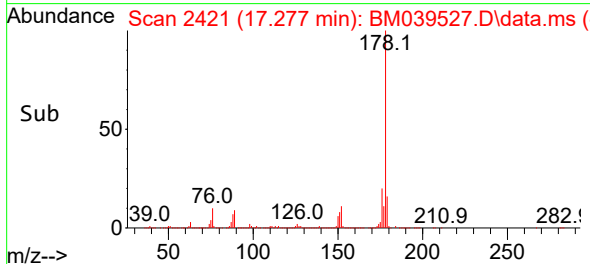
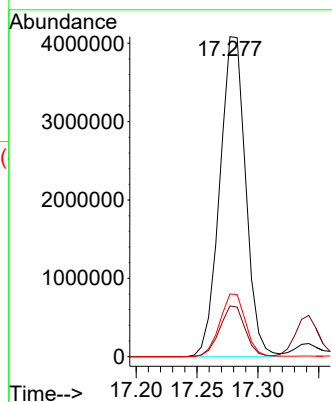
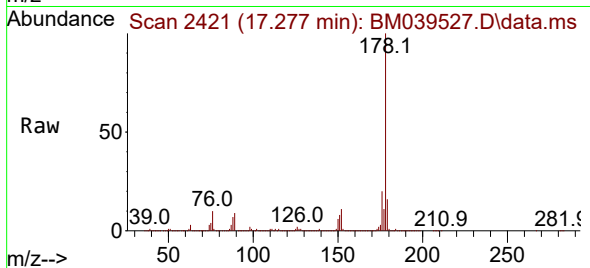
Tgt Ion:178 Resp: 6037514

Ion Ratio Lower Upper

178 100

179 15.9 12.1 18.1

176 19.6 15.0 22.6



#77

Carbazole

Concen: 65.368 ng/ul

RT: 17.648 min Scan# 2484

Delta R.T. -0.003 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

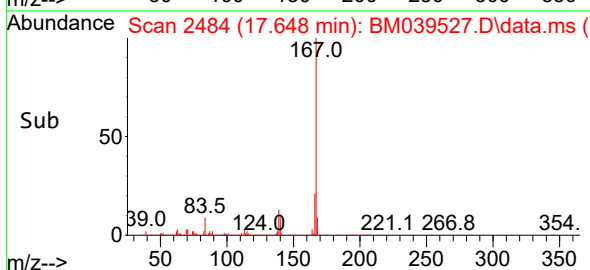
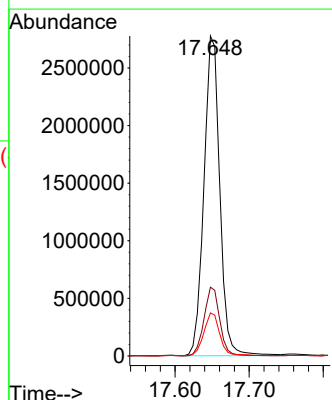
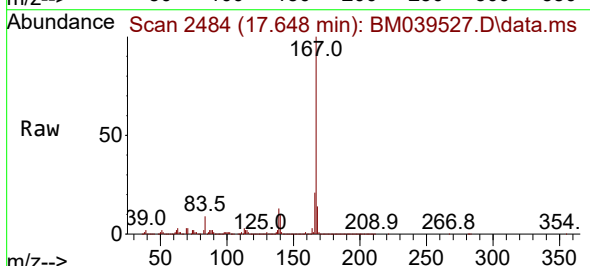
Tgt Ion:167 Resp: 4123553

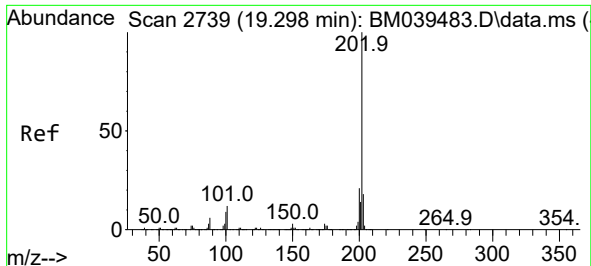
Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 13.4 10.6 15.8

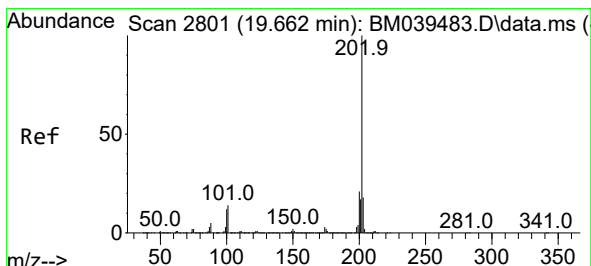
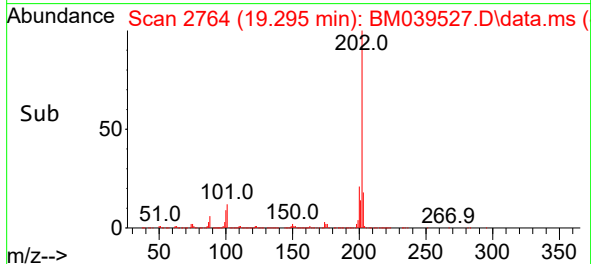
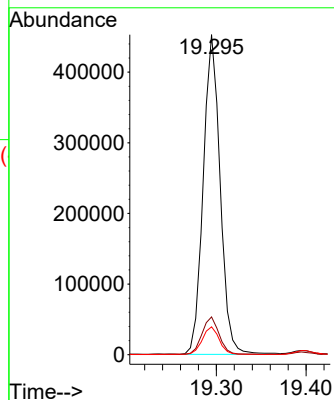
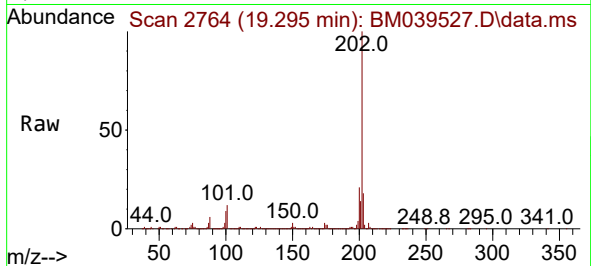




#80
Fluoranthene
Concen: 8.229 ng/ul
RT: 19.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Instrument :
BNA_M
ClientSampleId :
DCBN0

Tgt Ion:202 Resp: 592997
Ion Ratio Lower Upper
202 100
101 11.8 10.4 15.6
100 8.7 7.7 11.5



#82
Pyrene
Concen: 4.575 ng/ul
RT: 19.659 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion:202 Resp: 341297
Ion Ratio Lower Upper
202 100
101 14.5 12.1 18.1
100 11.7 9.6 14.4

