

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090582.D
 Acq On : 15 Oct 2016 3:05
 Operator : UM/SJ
 Sample : PB94073BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Quant Time: Oct 15 04:38:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

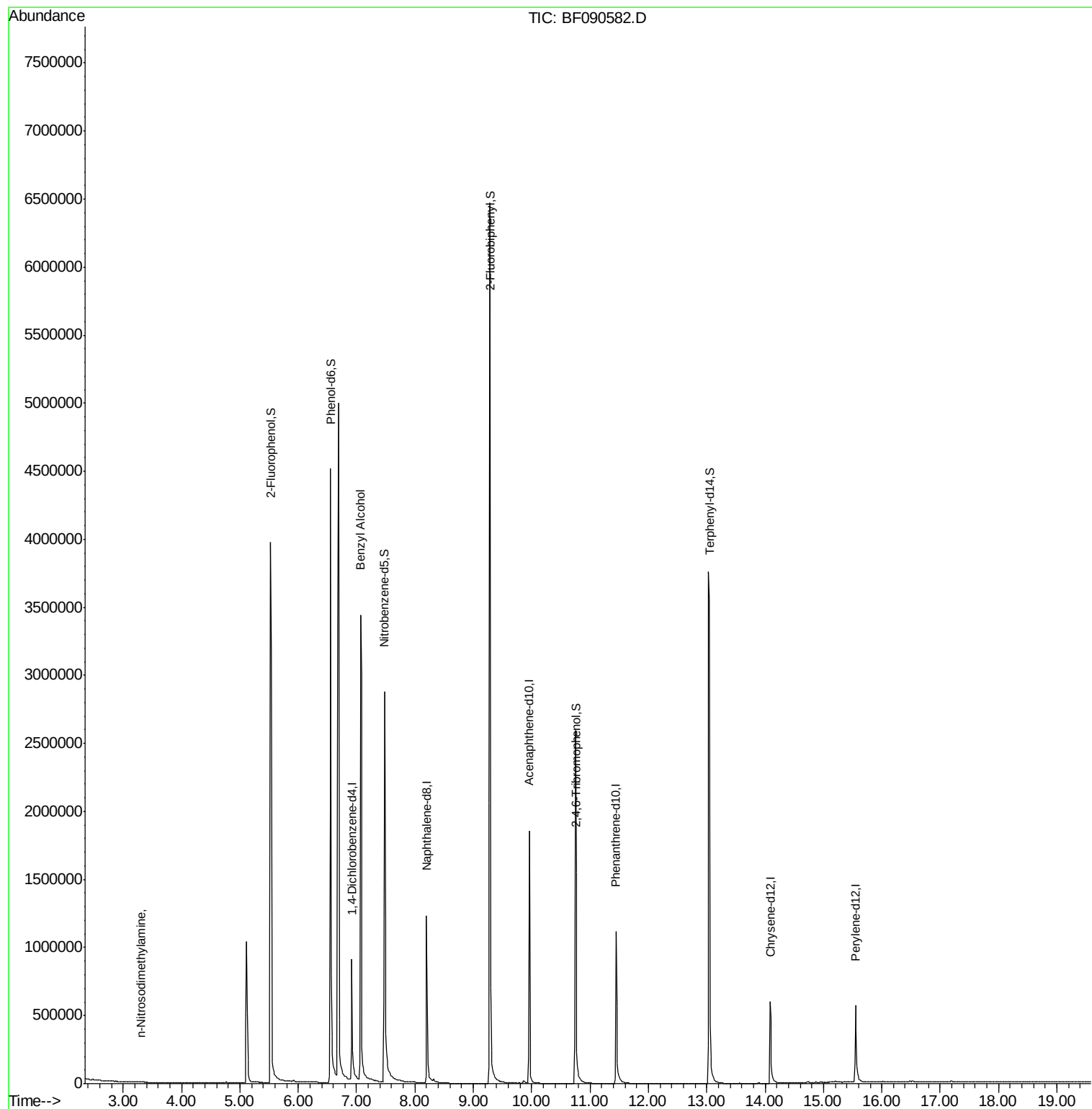
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	194600	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	768279	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	400380	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	599064	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	359233	20.00	ng	-0.01
86) Perylene-d12	15.55	264	337714	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1721189	162.15	ng	0.00
7) Phenol-d6	6.55	99	2195130	139.17	ng	0.00
23) Nitrobenzene-d5	7.48	82	1480958	107.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	471527	132.10	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2344076	96.47	ng	0.00
78) Terphenyl-d14	13.05	244	2043406	132.44	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.30	42	220	7.21	ng	# 1
15) Benzyl Alcohol	7.07	79	23916	2.23	ng	# 52

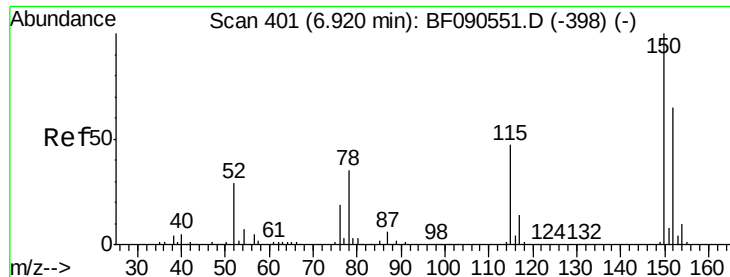
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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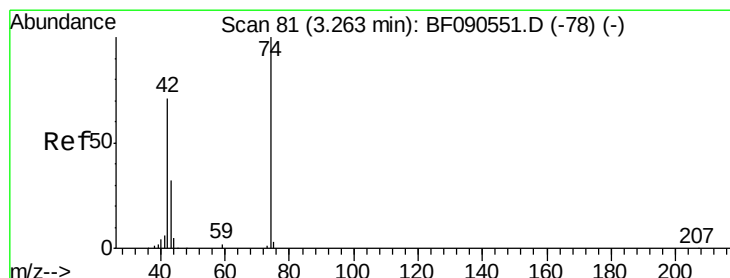
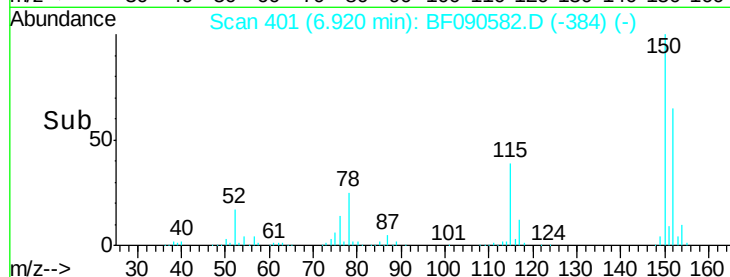
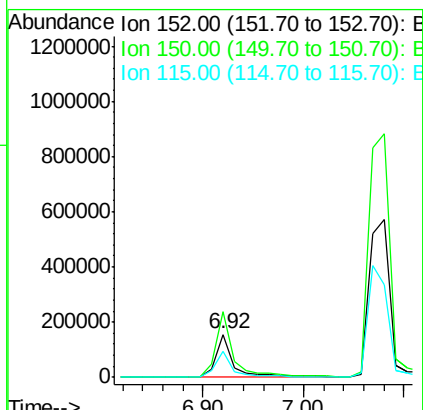
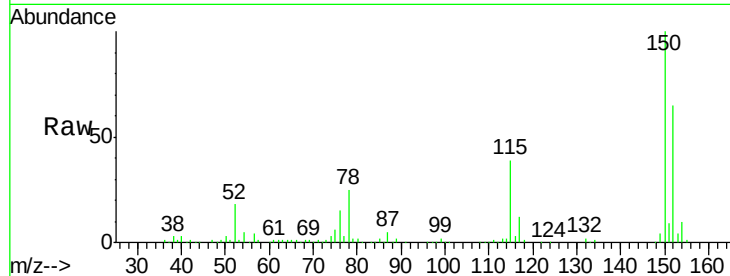


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

Instrument :
BNA_F
ClientSampleId :
PB94073BL

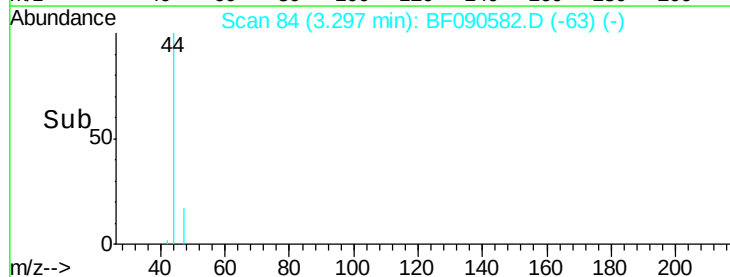
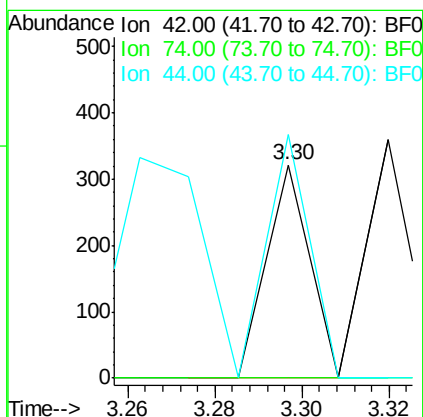
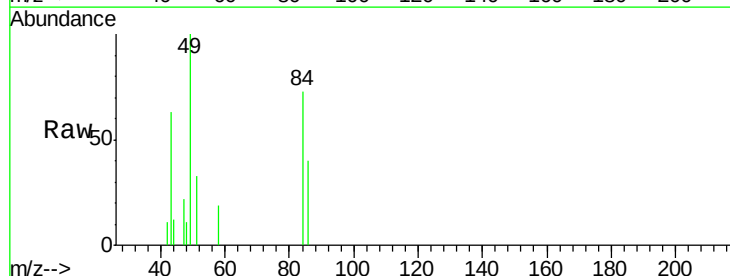
Tgt Ion: 152 Resp: 194600
Ion Ratio Lower Upper
152 100
150 154.6 127.2 190.8
115 60.9 58.6 88.0

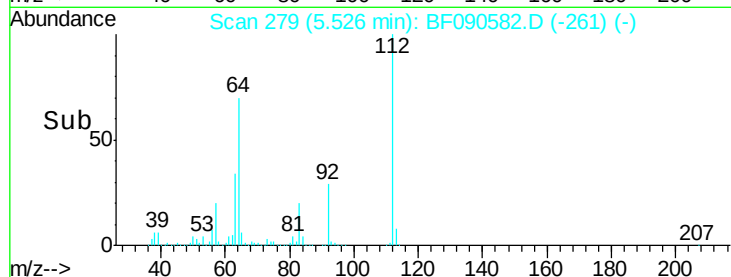
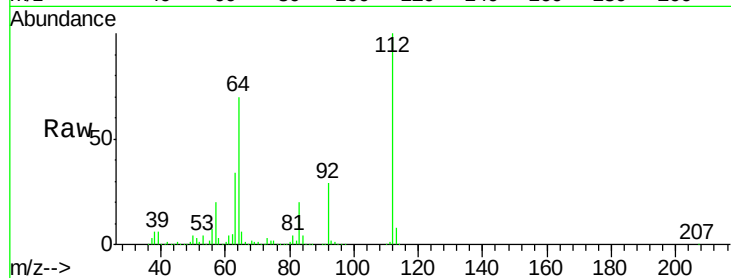
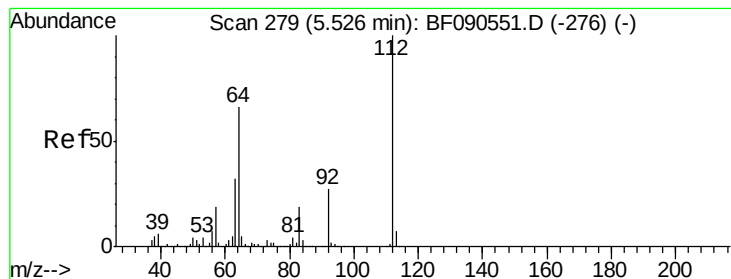


#4

n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.30 min Scan# 84
Delta R.T. 0.03 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

Tgt Ion: 42 Resp: 220
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 114.3 6.0 9.0#





#5

2-Fluorophenol

Concen: 162.15 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090582.D

Acq: 15 Oct 2016 3:05

Instrument :

BNA_F

ClientSampleId :

PB94073BL

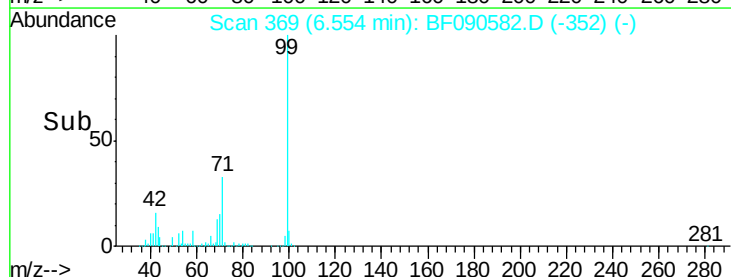
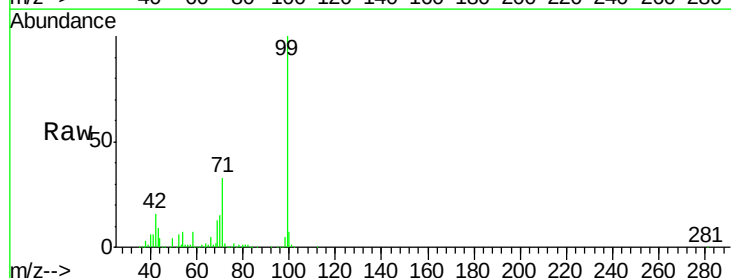
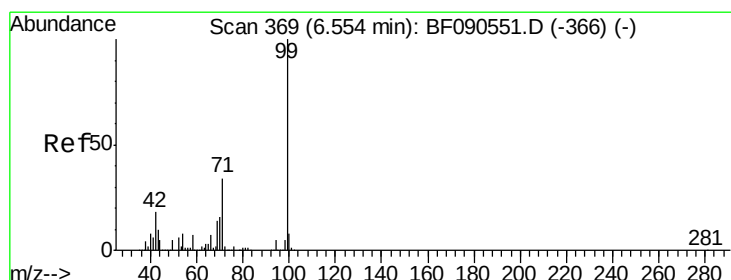
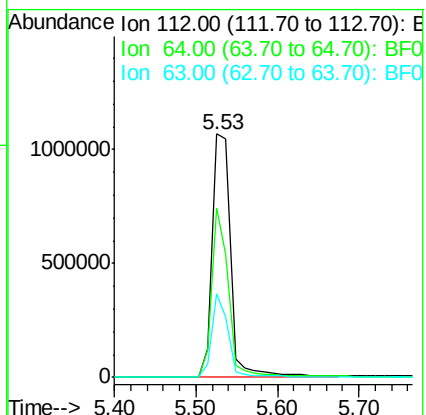
Tgt Ion:112 Resp: 1721189

Ion Ratio Lower Upper

112 100

64 69.5 52.6 78.8

63 34.3 26.0 39.0



#7

Phenol-d6

Concen: 139.17 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090582.D

Acq: 15 Oct 2016 3:05

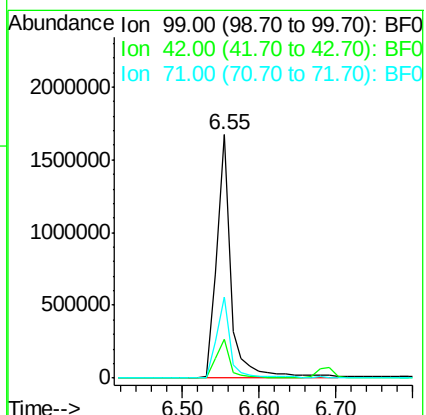
Tgt Ion: 99 Resp: 2195130

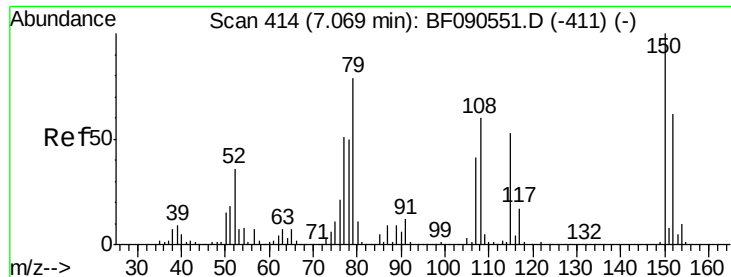
Ion Ratio Lower Upper

99 100

42 16.0 14.7 22.1

71 33.2 27.6 41.4

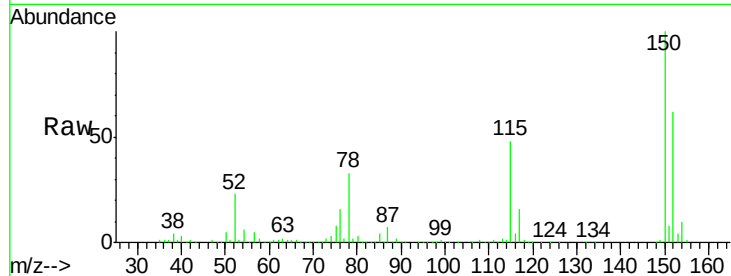




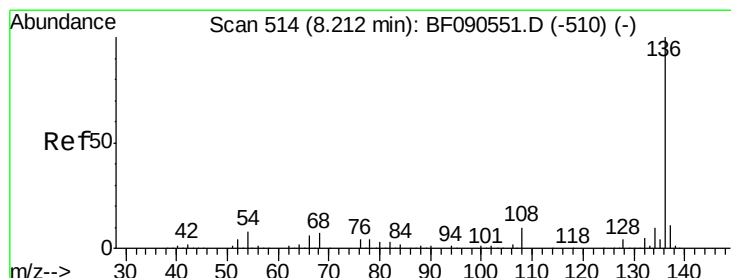
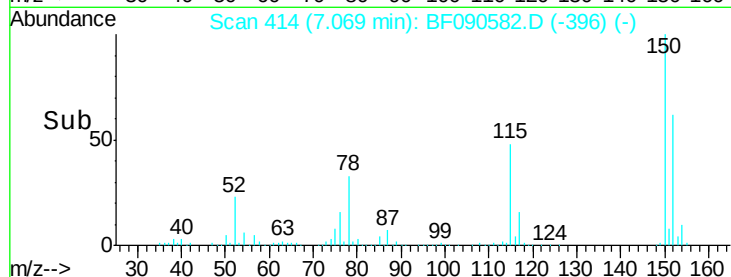
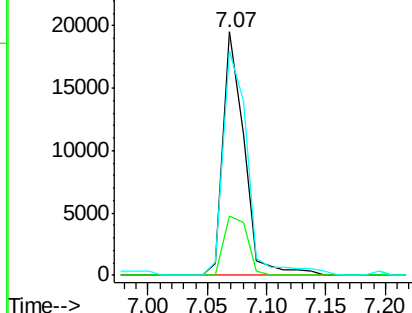
#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

Instrument :
BNA_F
ClientSampleId :
PB94073BL

Tgt Ion: 79 Resp: 23916
Ion Ratio Lower Upper
79 100
108 24.3 60.2 90.4#
77 92.1 52.0 78.0#



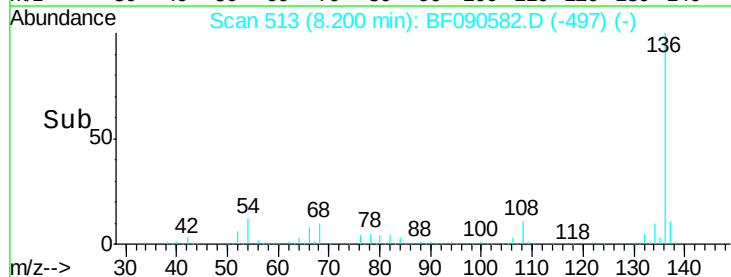
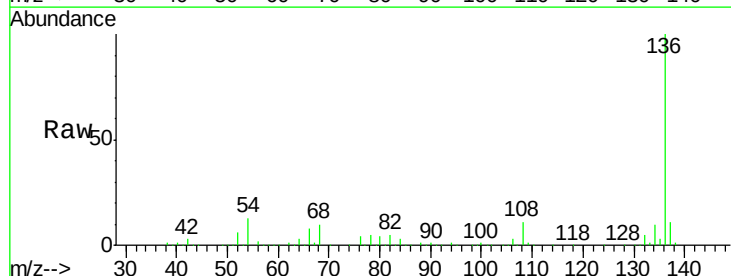
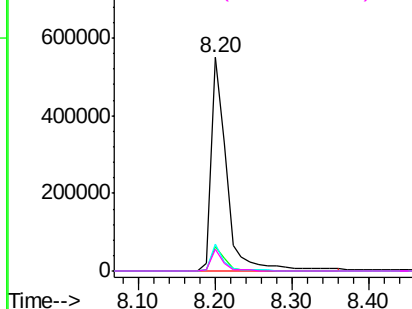
Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

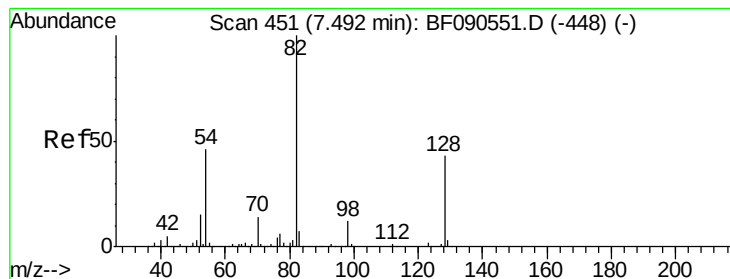


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

Tgt Ion: 136 Resp: 768279
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.6 6.8 10.2#
68 10.0 6.0 9.0#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 107.08 ng

RT: 7.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF090582.D

Acq: 15 Oct 2016 3:05

Instrument :

BNA_F

ClientSampleId :

PB94073BL

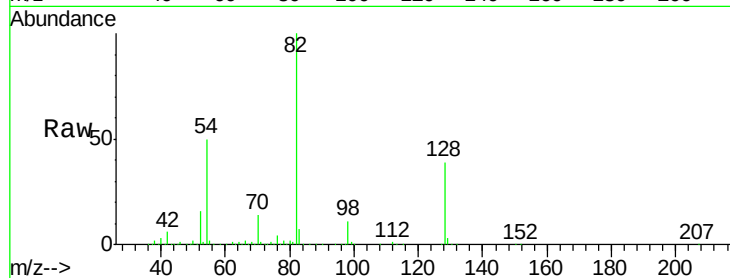
Tgt Ion: 82 Resp: 1480958

Ion Ratio Lower Upper

82 100

128 38.7 34.3 51.5

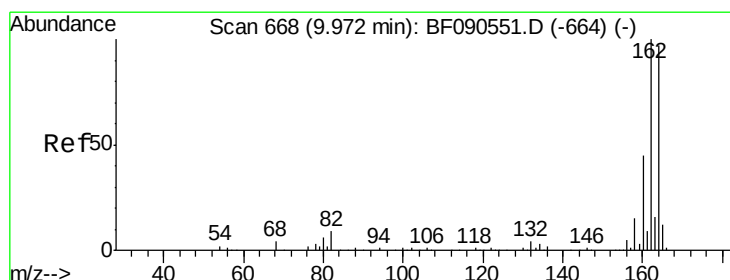
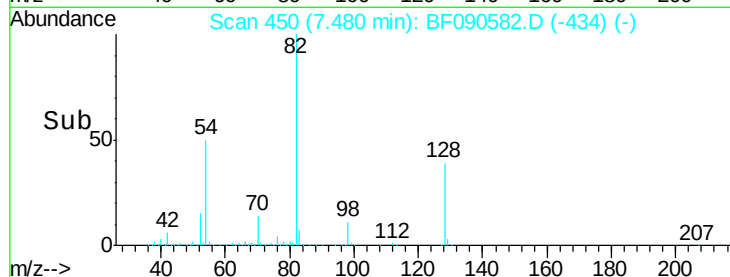
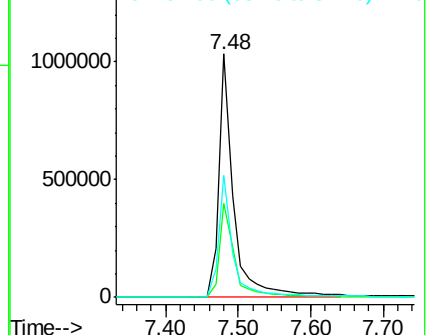
54 50.2 37.0 55.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090582.D

Acq: 15 Oct 2016 3:05

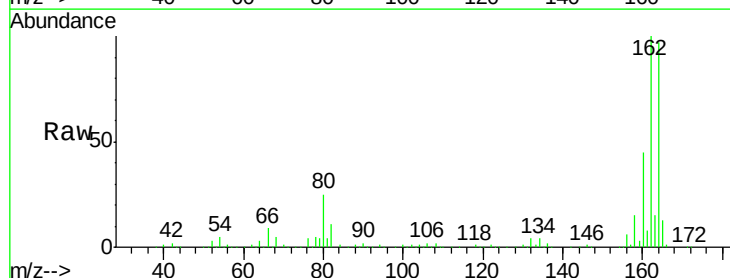
Tgt Ion: 164 Resp: 400380

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.4

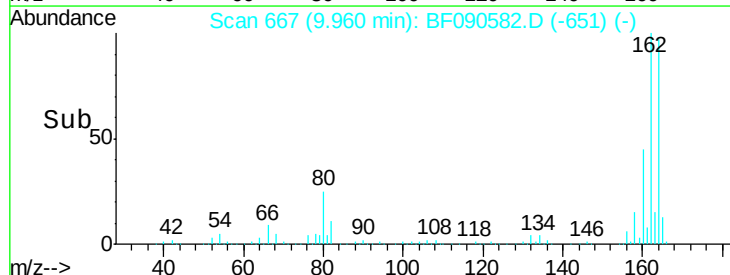
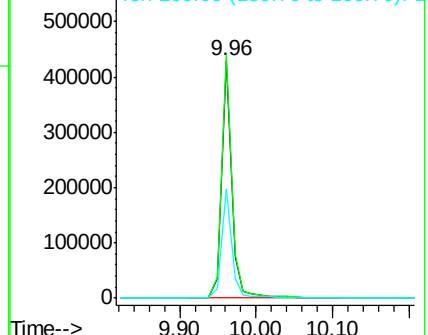
160 46.0 36.6 55.0

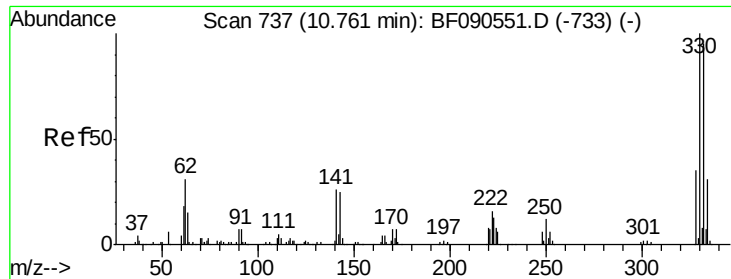


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

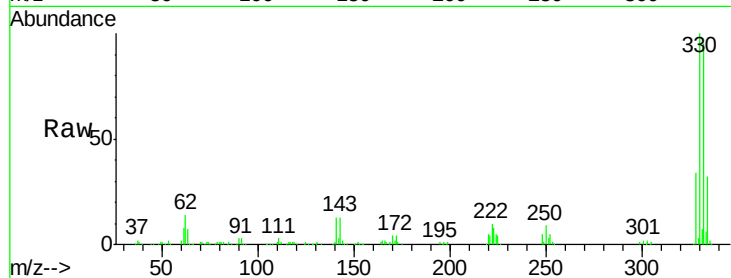




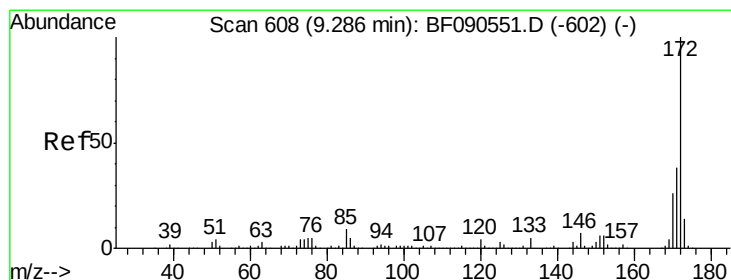
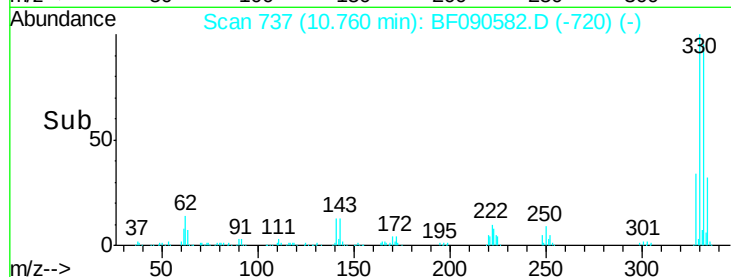
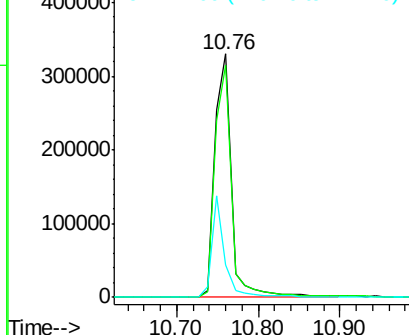
#41
 2,4,6-Tribromophenol
 Concen: 132.10 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090582.D
 Acq: 15 Oct 2016 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Tgt Ion:330 Resp: 471527
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.2
 141 33.4 31.4 47.2

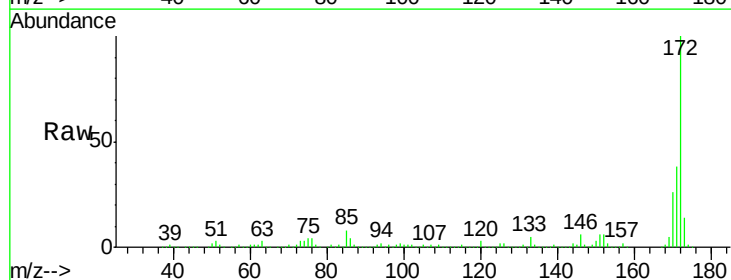


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

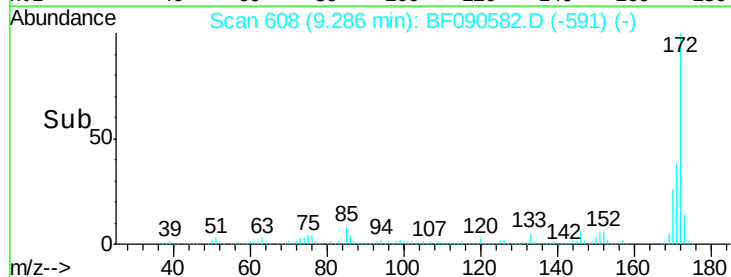
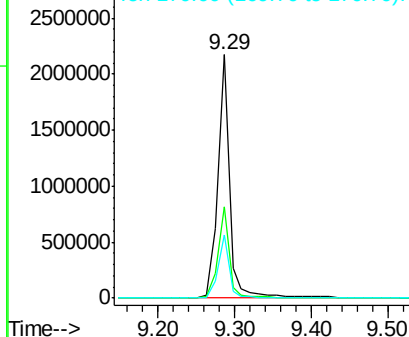


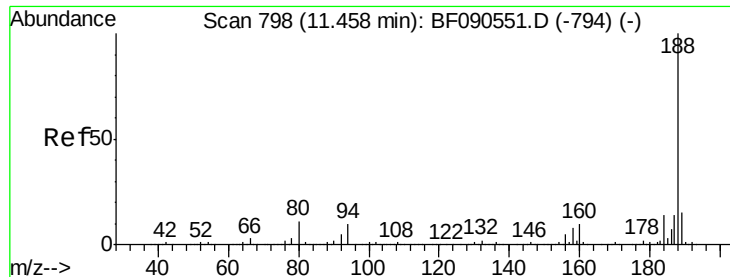
#44
 2-Fluorobiphenyl
 Concen: 96.47 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090582.D
 Acq: 15 Oct 2016 3:05

Tgt Ion:172 Resp: 2344076
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 26.0 20.6 30.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

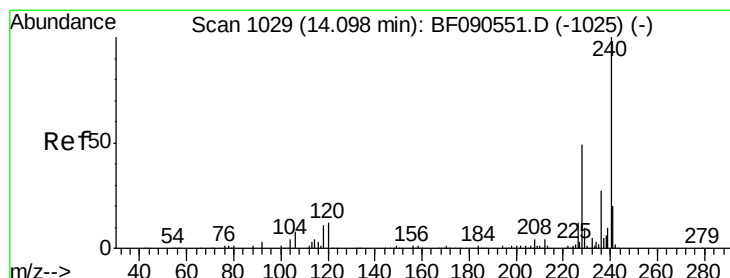
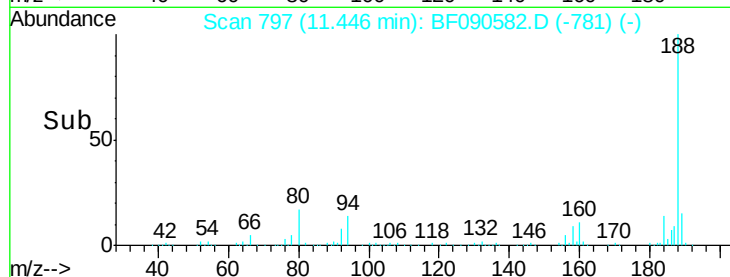
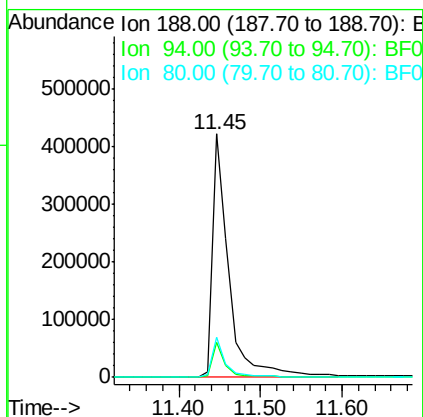
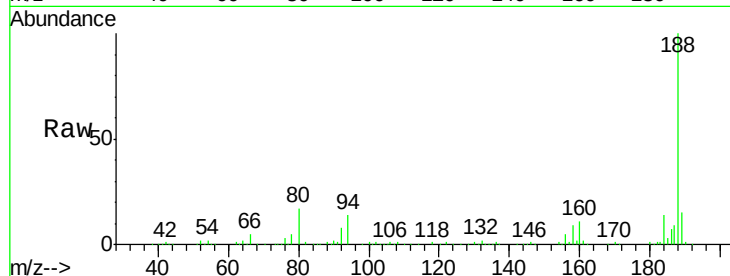




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

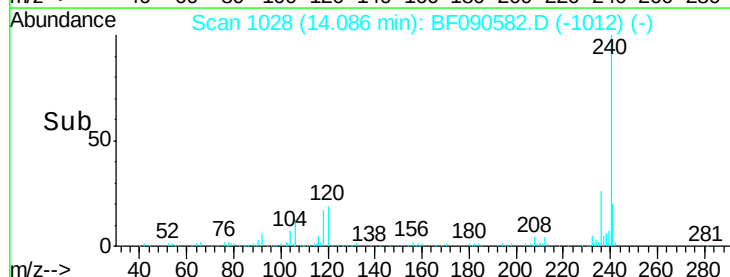
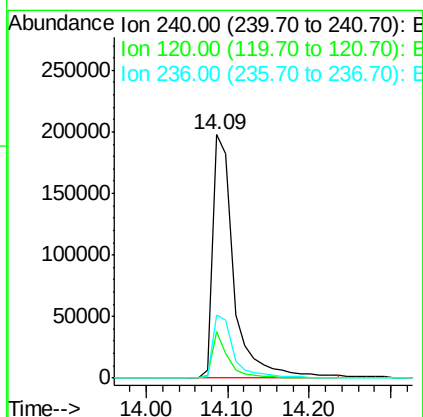
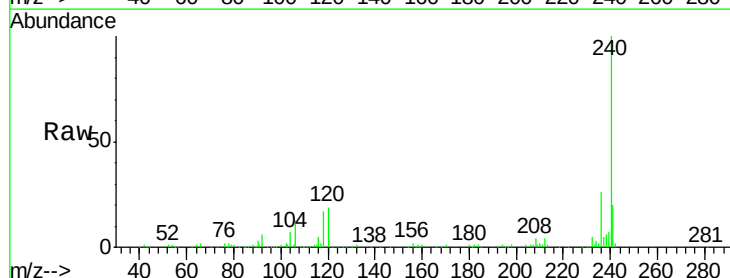
Instrument :
BNA_F
ClientSampled :
PB94073BL

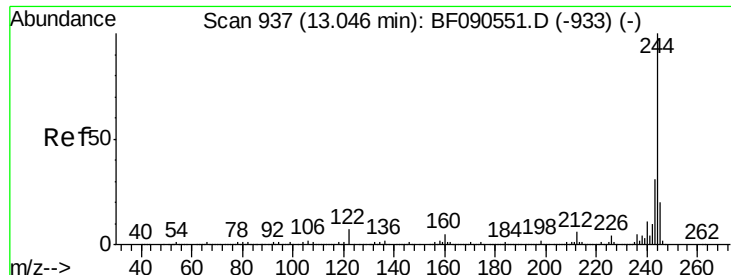
Tgt Ion:188 Resp: 599064
Ion Ratio Lower Upper
188 100
94 14.3 7.7 11.5#
80 16.6 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090582.D
Acq: 15 Oct 2016 3:05

Tgt Ion:240 Resp: 359233
Ion Ratio Lower Upper
240 100
120 19.3 9.8 14.8#
236 26.1 21.7 32.5

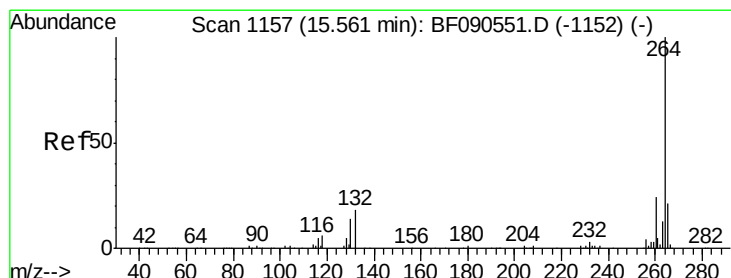
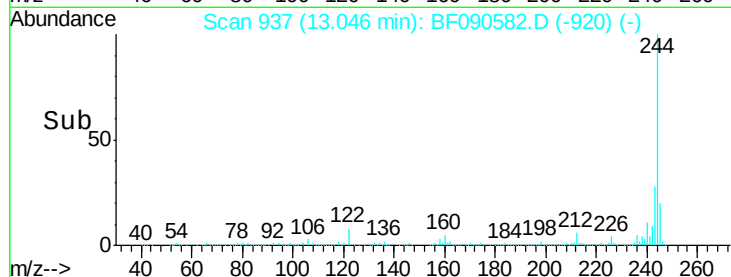
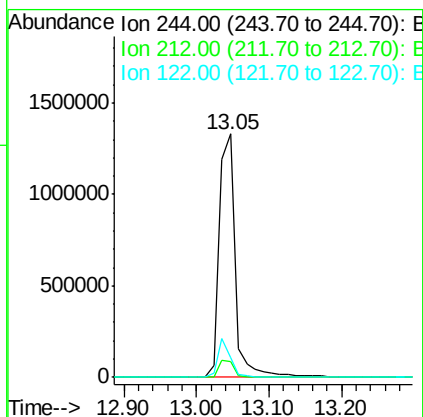
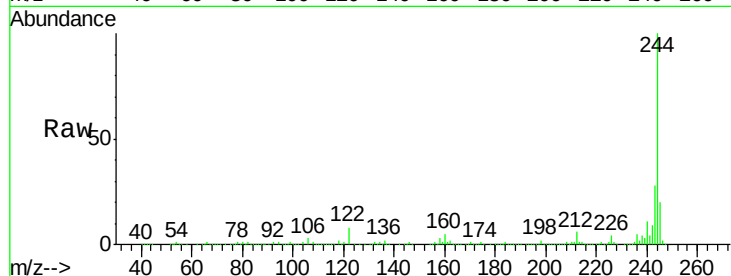




#78
 Terphenyl-d14
 Concen: 132.44 ng
 RT: 13.05 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF090582.D
 Acq: 15 Oct 2016 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Tgt Ion:244 Resp: 2043406
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 8.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090582.D
 Acq: 15 Oct 2016 3:05

Tgt Ion:264 Resp: 337714
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.9 16.7 25.1

