

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098016.D
 Acq On : 24 Aug 2017 21:54
 Operator : SJ/JU
 Sample : I4925-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

Quant Time: Aug 25 02:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

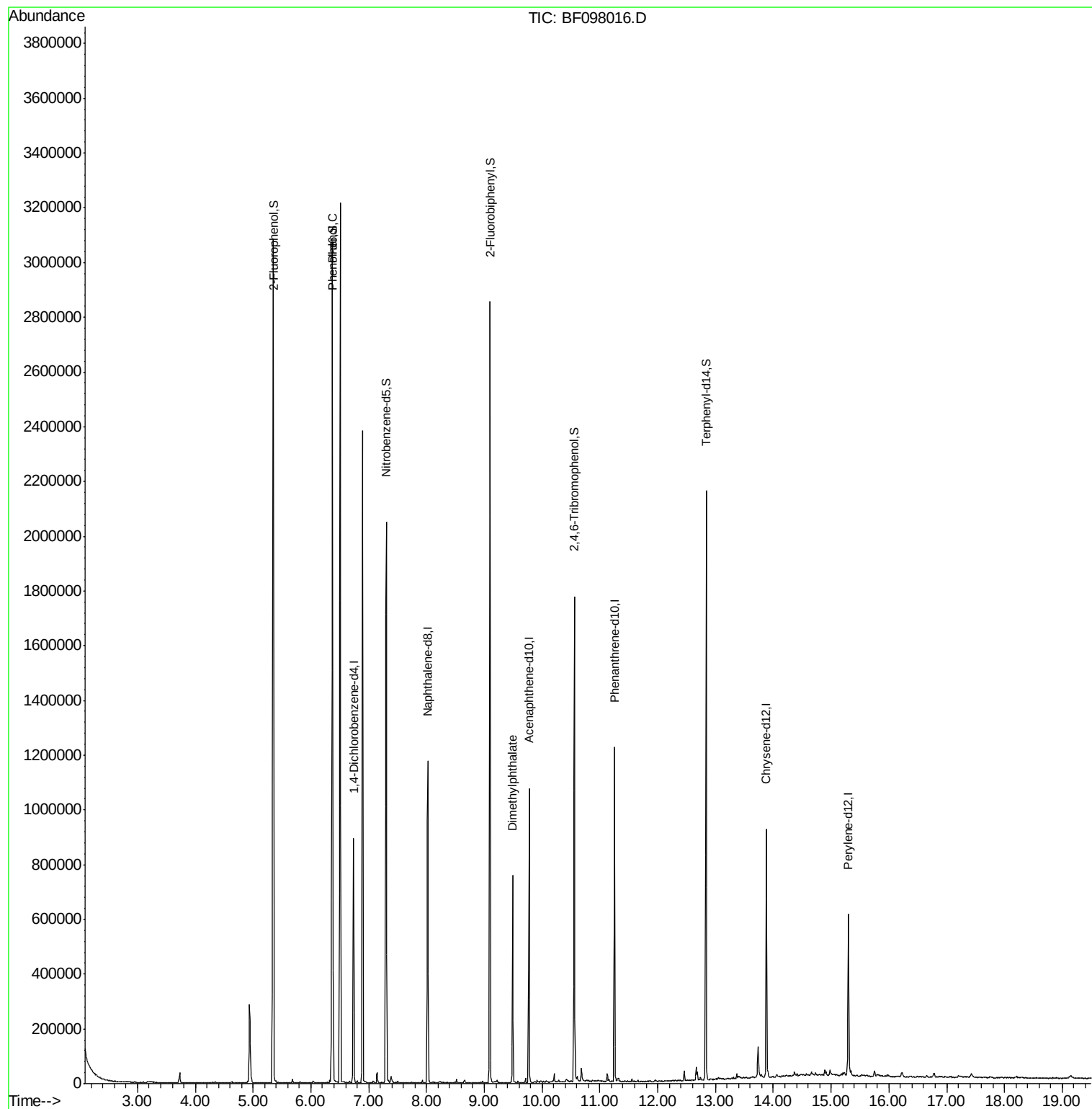
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	128915	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	506797	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	216089	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	396627	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	287483	20.00	ng	-0.02
86) Perylene-d12	15.30	264	255991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1045821	123.40	ng	0.00
7) Phenol-d6	6.37	99	1418552	123.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	767890	82.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	205701	109.71	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	864233	58.76	ng	-0.01
78) Terphenyl-d14	12.84	244	644401	46.74	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	39477	2.931	ng	95
49) Dimethylphthalate	9.49	163	248120	15.708	ng	99

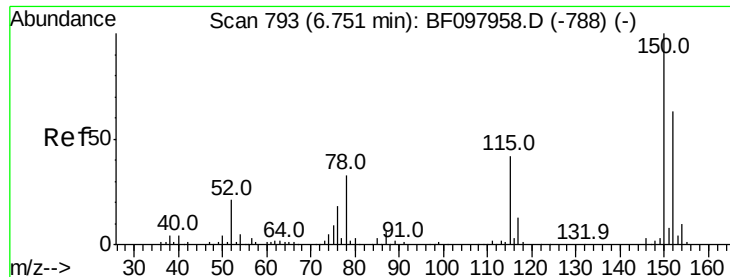
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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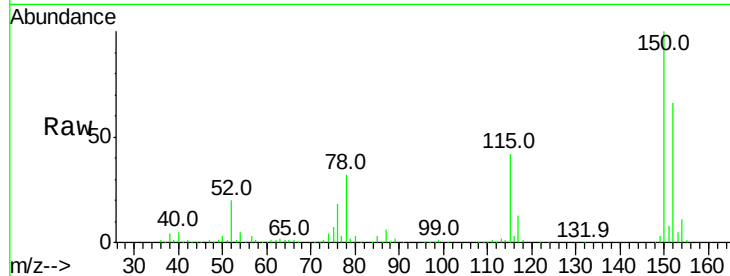


#1

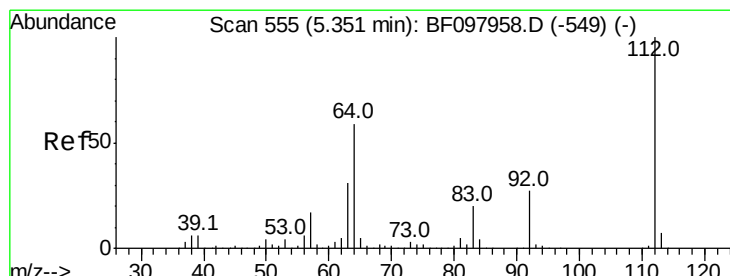
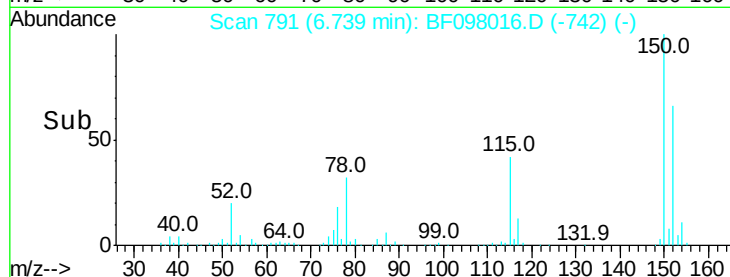
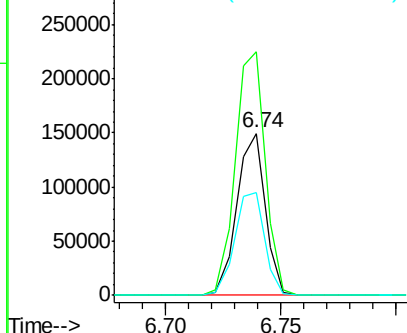
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RWB-4

Tot Ion:152 Resp: 128915
Ion Ratio Lower Upper
152 100
150 150.6 126.2 189.2
115 63.2 52.2 78.2



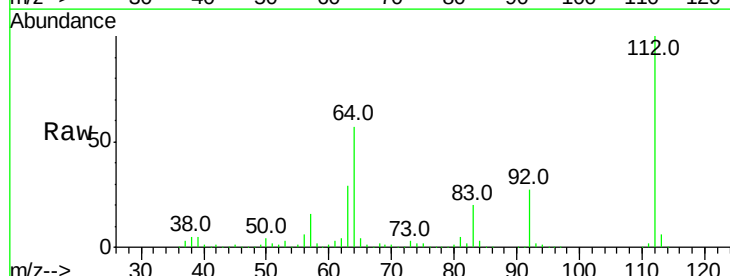
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



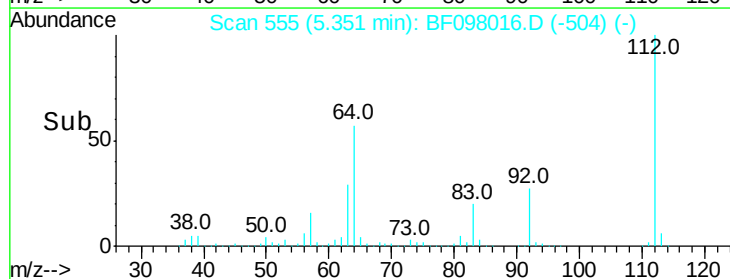
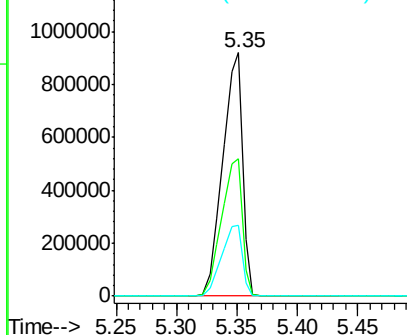
#5

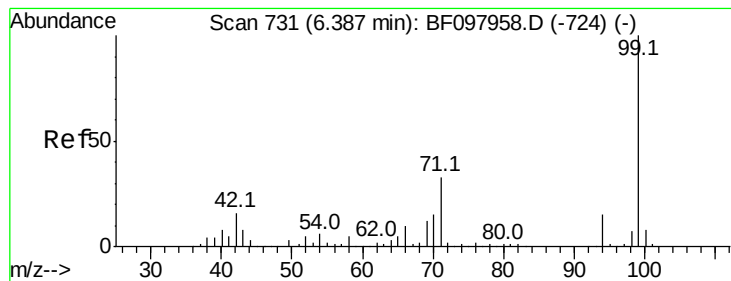
2-Fluorophenol
Concen: 123.397 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Tgt Ion:112 Resp: 1045821
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 28.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.187 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

RWB-4

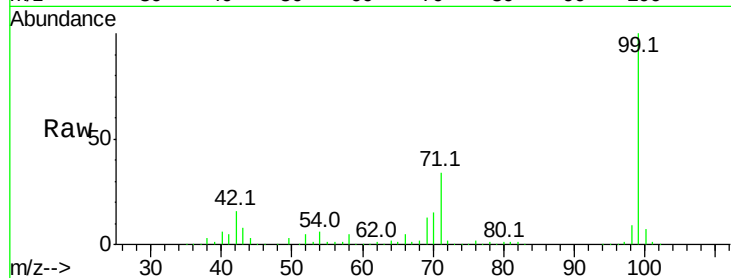
Tot Ion: 99 Resp: 1418552

Ion Ratio Lower Upper

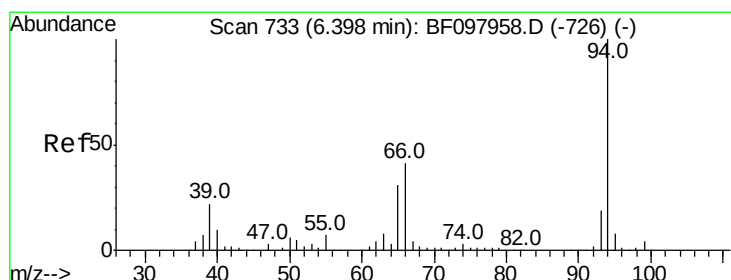
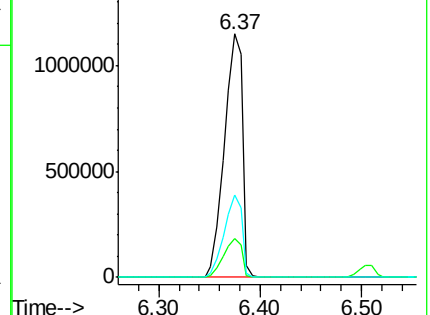
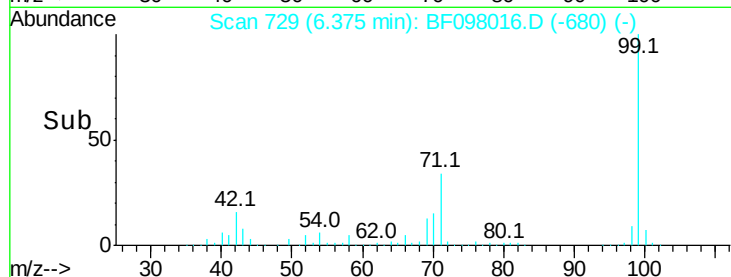
99 100

42 15.7 13.5 20.3

71 33.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.931 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

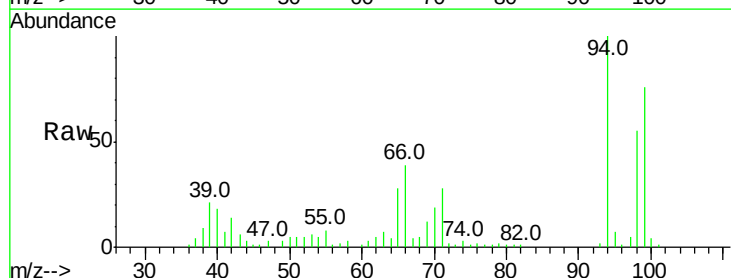
Tgt Ion: 94 Resp: 39477

Ion Ratio Lower Upper

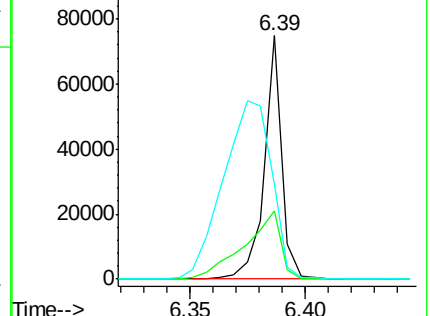
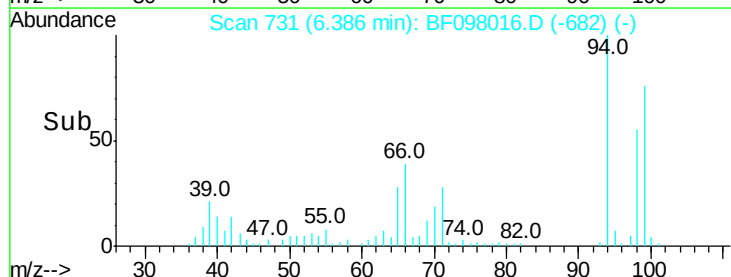
94 100

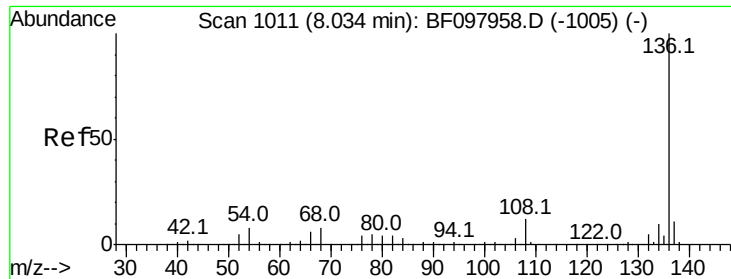
65 28.1 9.9 49.9

66 38.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

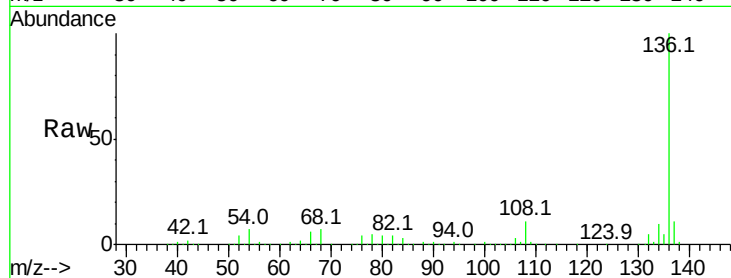




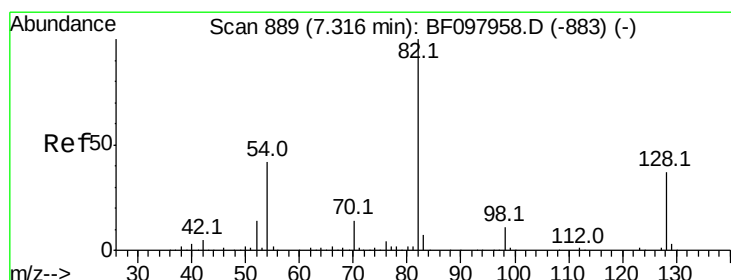
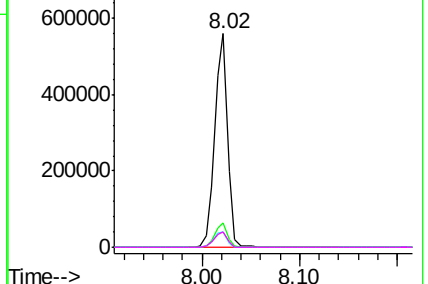
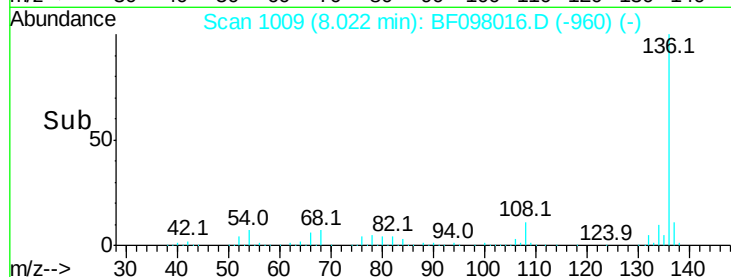
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RWB-4

Tot Ion:	136	Resp:	506797
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.3	4.9	7.3#
68	7.0	4.1	6.1#

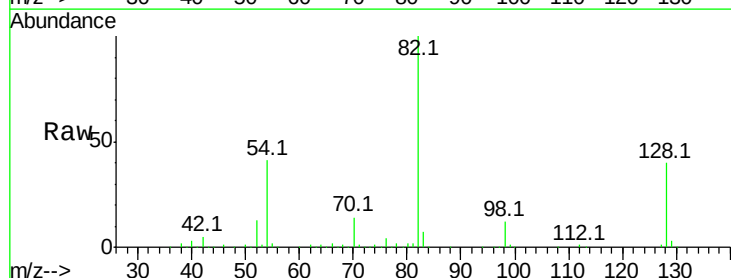


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

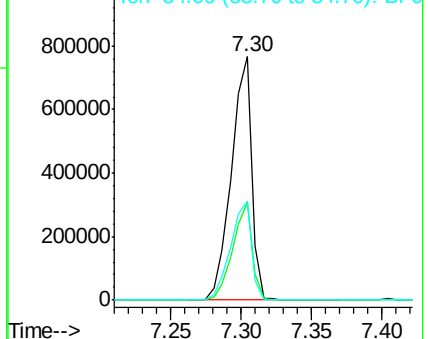
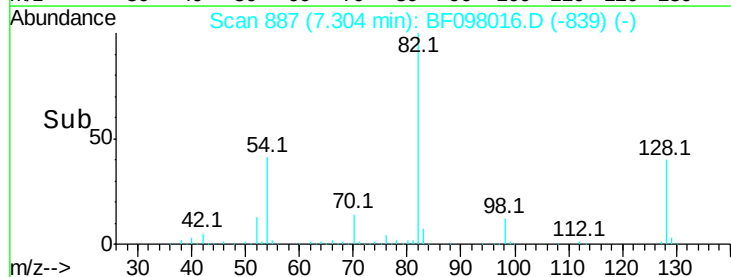


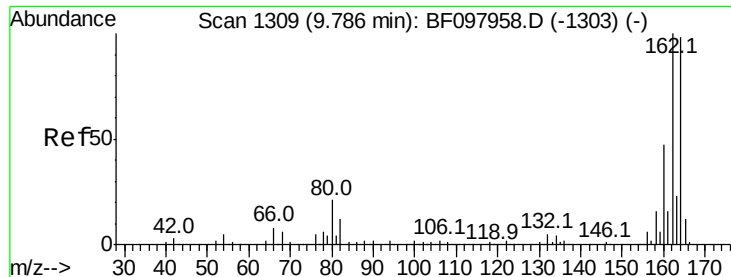
#23
Nitrobenzene-d5
Concen: 82.312 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Tgt Ion:	82	Resp:	767890
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	40.9	42.2	63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

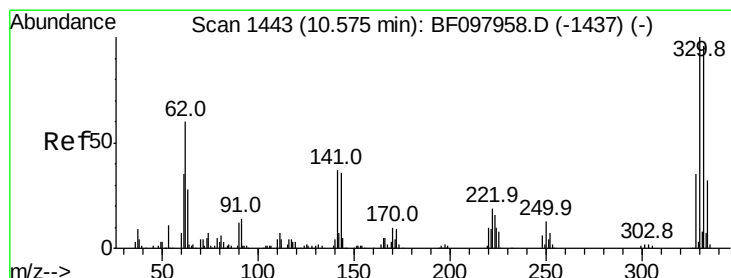
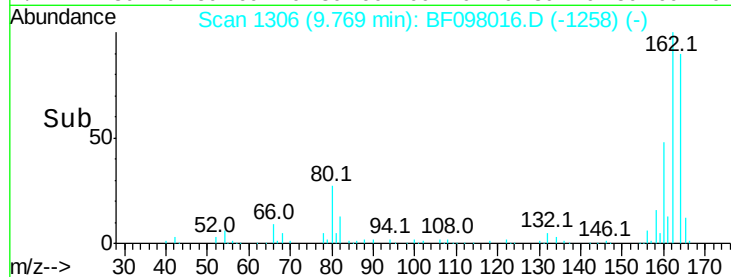
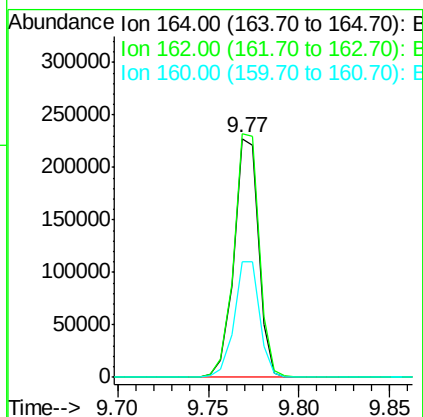
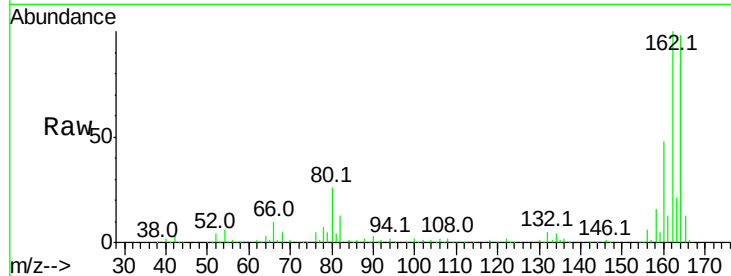




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

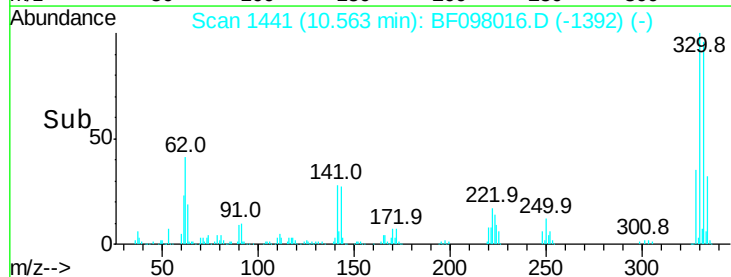
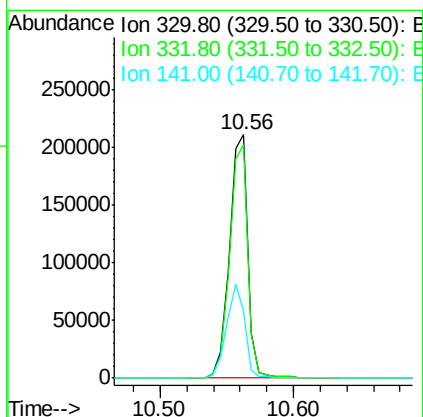
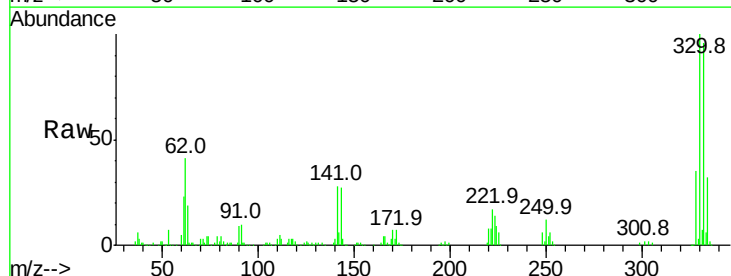
Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

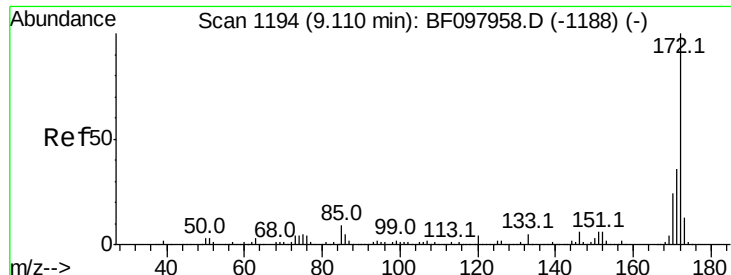
Tot Ion:164 Resp: 216089
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 48.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 109.712 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Tgt Ion:330 Resp: 205701
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.8 31.4 47.2

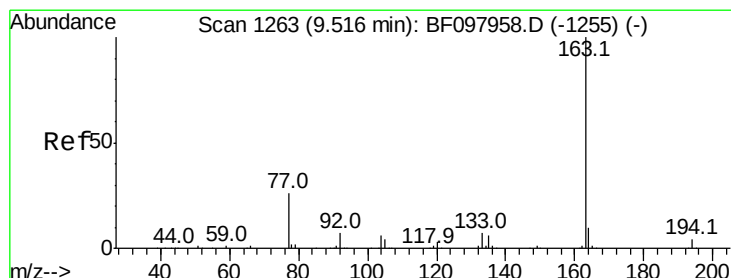
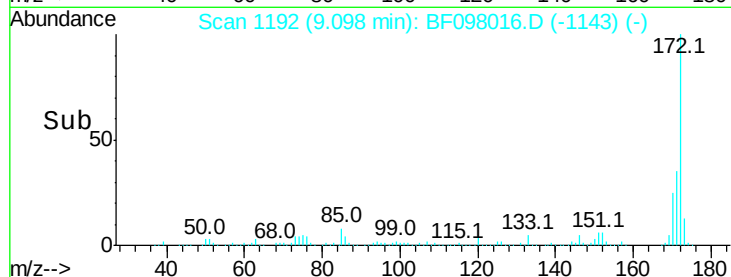
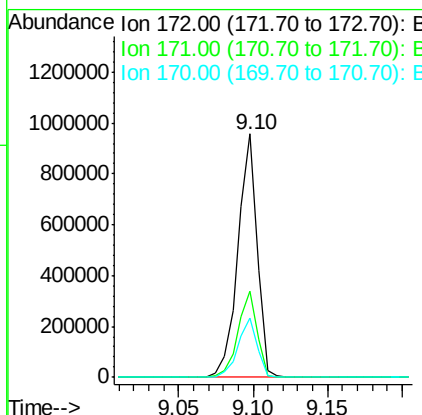
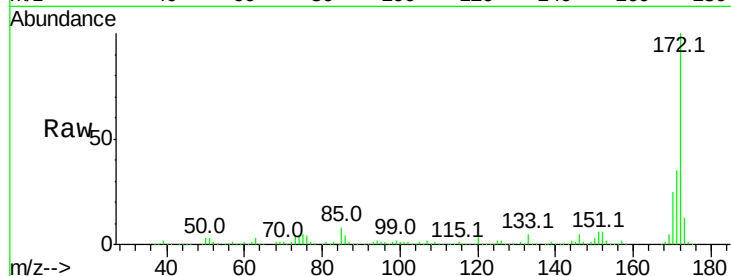




#44
 2-Fluorobiphenyl
 Concen: 58.760 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

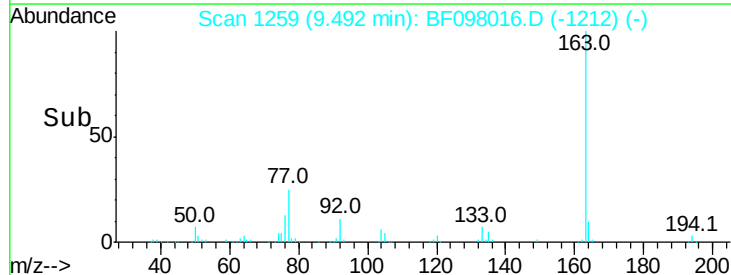
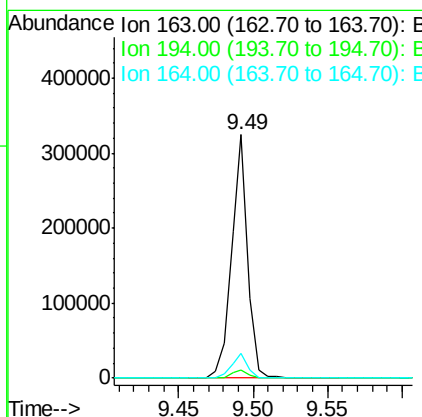
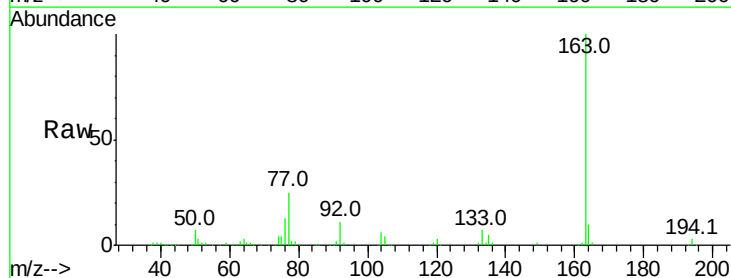
Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

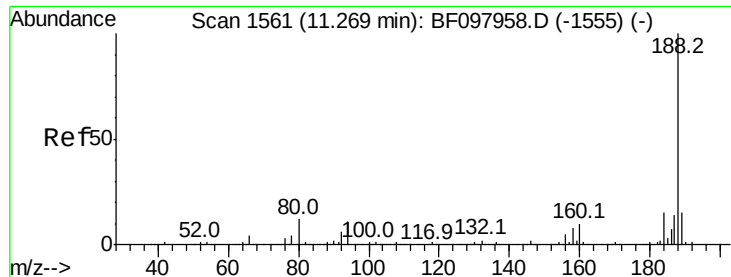
Tot Ion:172 Resp: 864233
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 15.708 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Tgt Ion:163 Resp: 248120
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.2 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

RWB-4

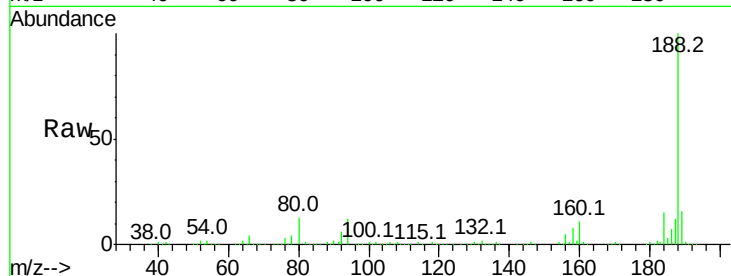
Tot Ion:188 Resp: 396627

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

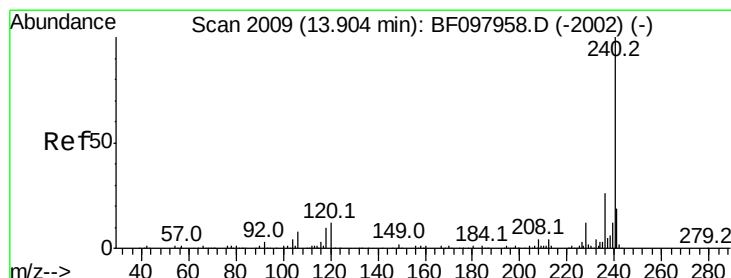
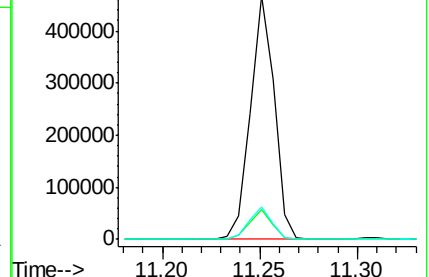
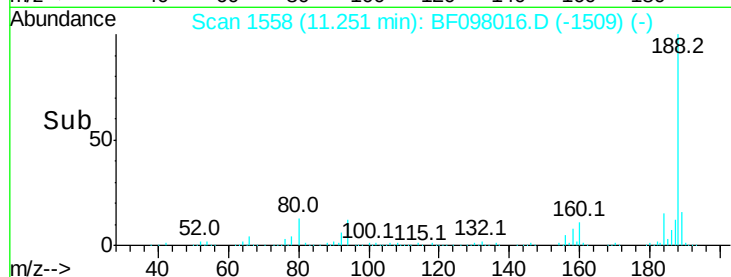
80 13.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

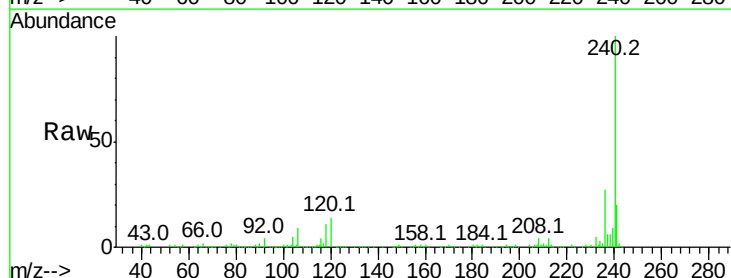
Tgt Ion:240 Resp: 287483

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

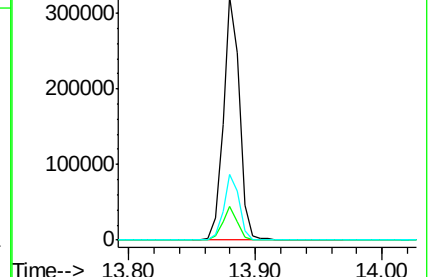
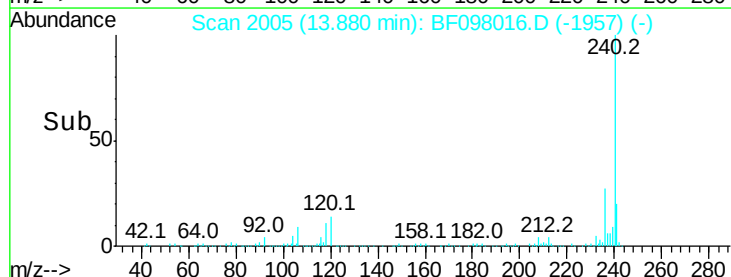
236 26.8 20.5 30.7

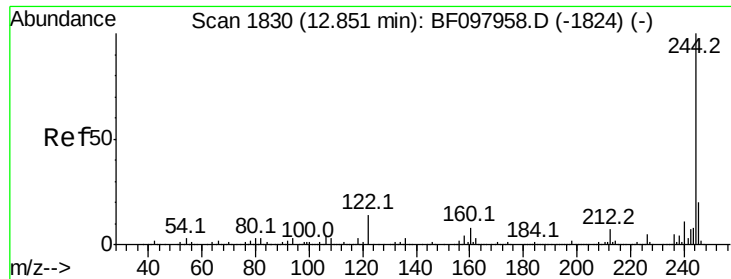


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

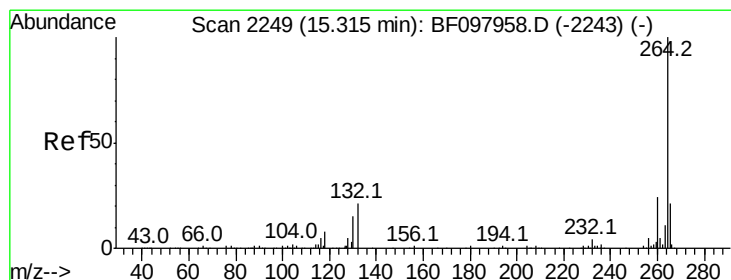
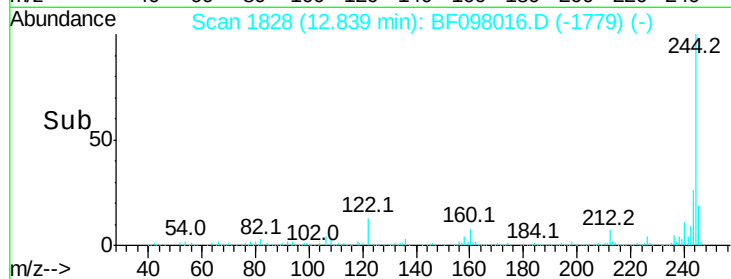
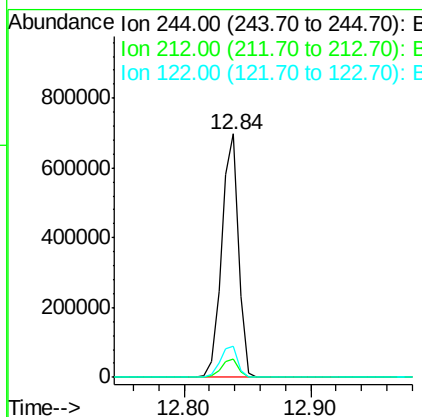
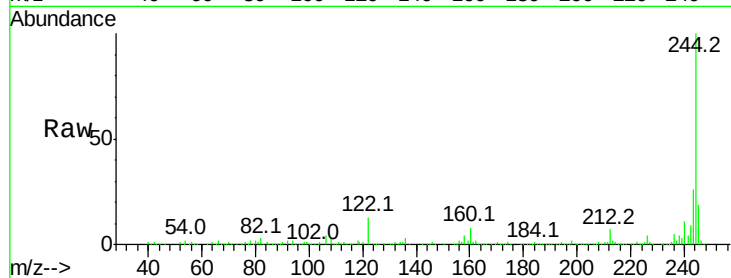




#78
 Terphenyl-d14
 Concen: 46.743 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

Tot Ion:244 Resp: 644401
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Tgt Ion:264 Resp: 255991
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.7 17.2 25.8

