

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094412.D
 Acq On : 14 Apr 2017 1:13
 Operator : SJ/MA
 Sample : I2672-01 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 03:05:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

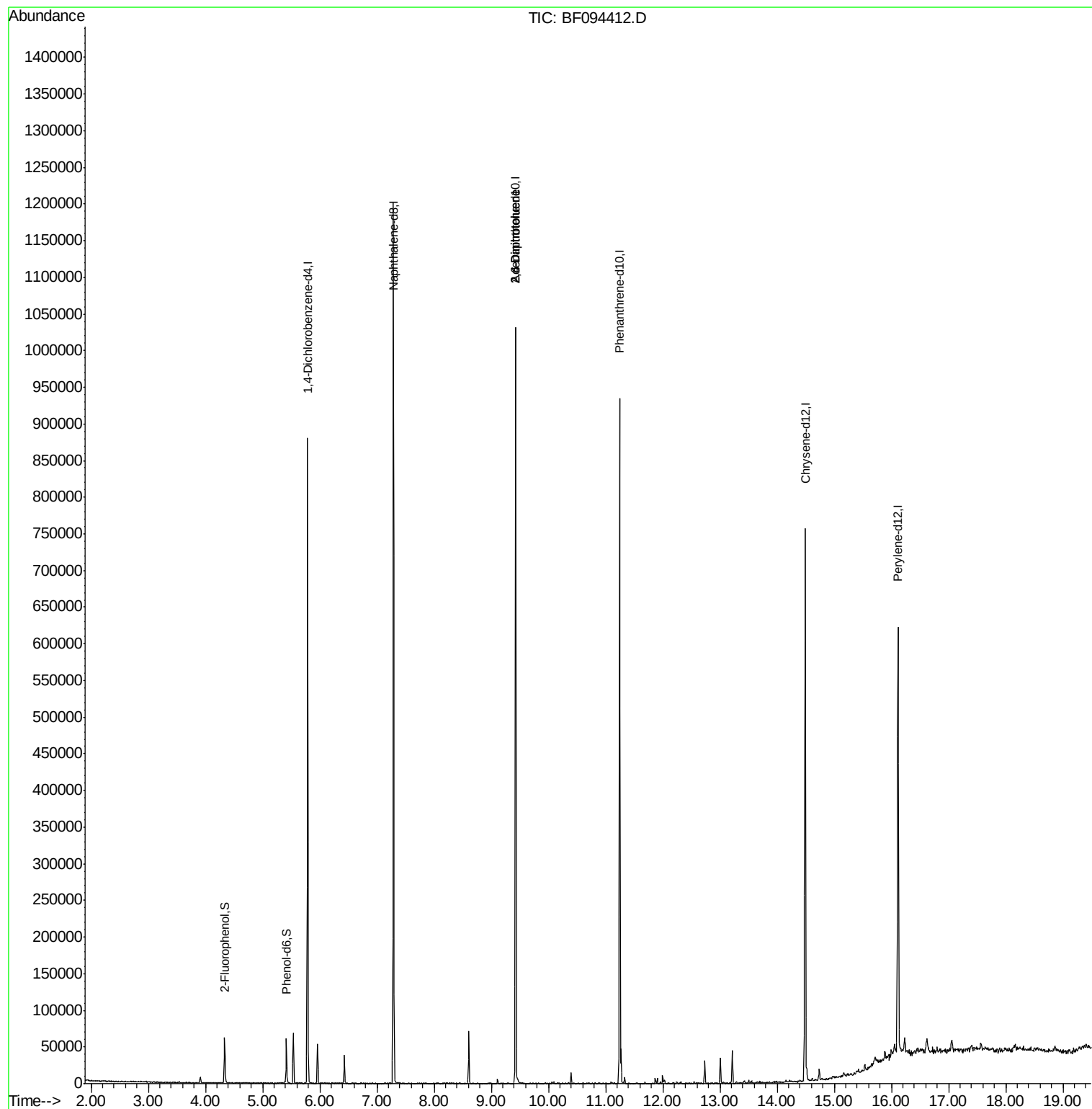
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	145256	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	555286	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	231309	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	358201	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	276642	20.00	ng	-0.06
86) Perylene-d12	16.12	264	217845	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	18270	2.12	ng	-0.04
7) Phenol-d6	5.41	99	23790	2.24	ng	-0.05
23) Nitrobenzene-d5	6.43	82	12671	1.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	2462	1.35	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	25124	1.66	ng	-0.05
78) Terphenyl-d14	13.22	244	16418	1.33	ng	-0.06
Target Compounds						
50) 2,6-Dinitrotoluene	9.42	165	28238	7.49	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	28238	5.96	ng	# 33

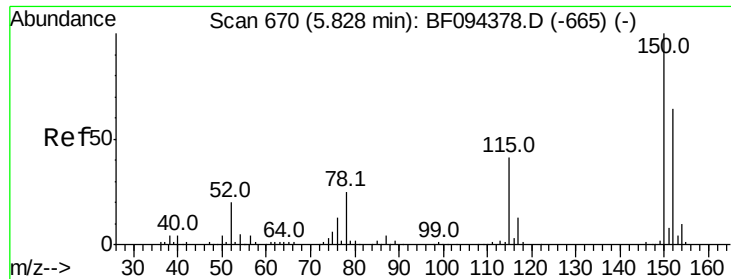
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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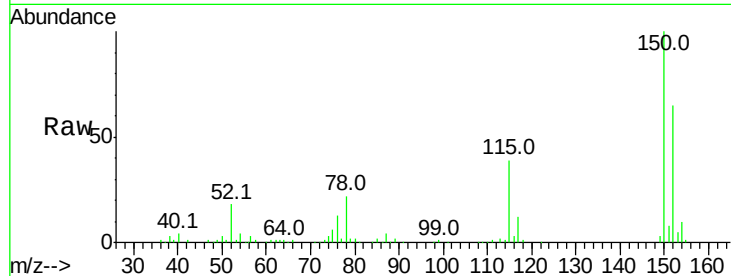


#1

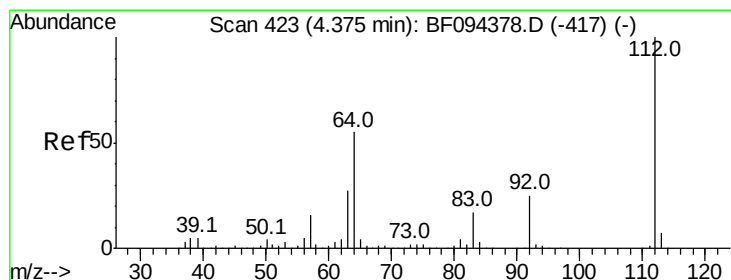
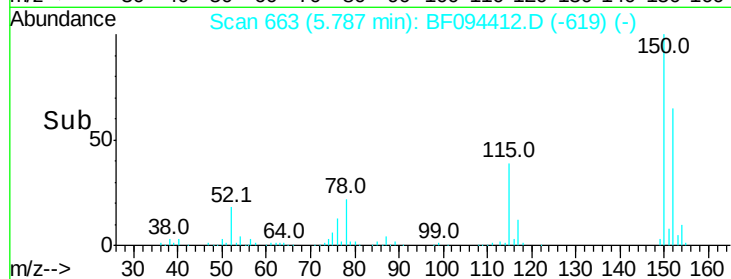
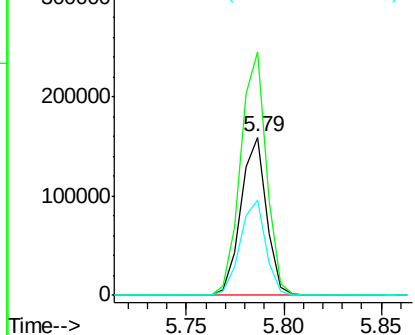
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145256
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 59.9 52.2 78.2



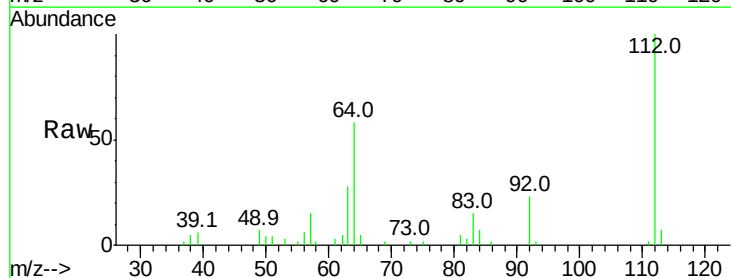
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



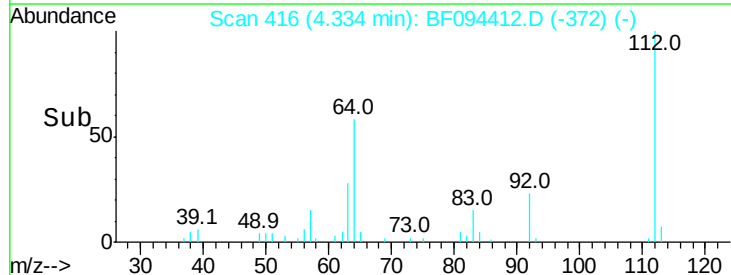
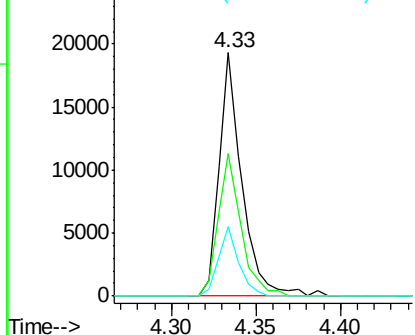
#5

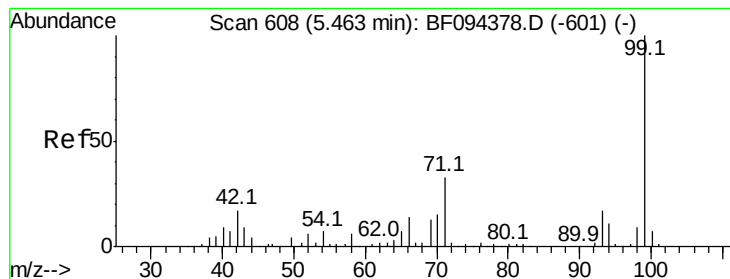
2-Fluorophenol
Concen: 2.12 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:112 Resp: 18270
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 28.3 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: 2.24 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094412.D

Acq: 14 Apr 2017 1:13

Instrument :

BNA_F

ClientSampleId :

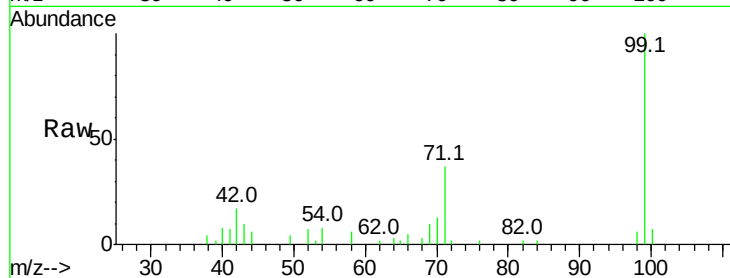
Tot Ion: 99 Resp: 23790

Ion Ratio Lower Upper

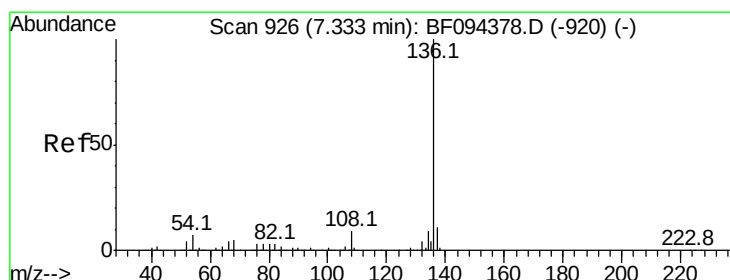
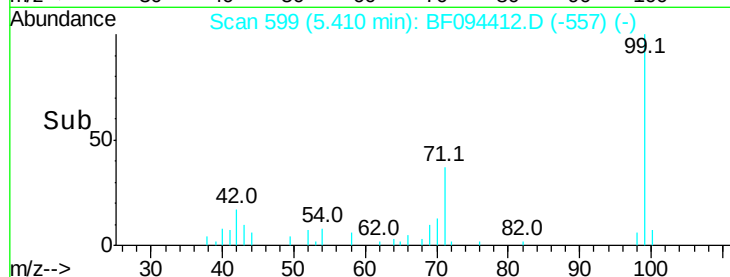
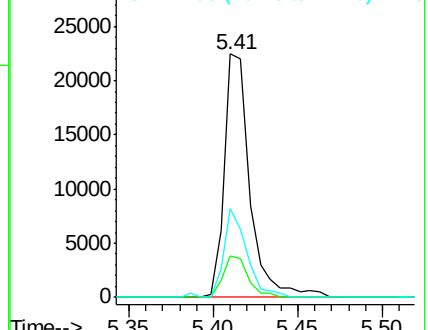
99 100

42 17.1 13.5 20.3

71 36.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094412.D

Acq: 14 Apr 2017 1:13

Tgt Ion: 136 Resp: 555286

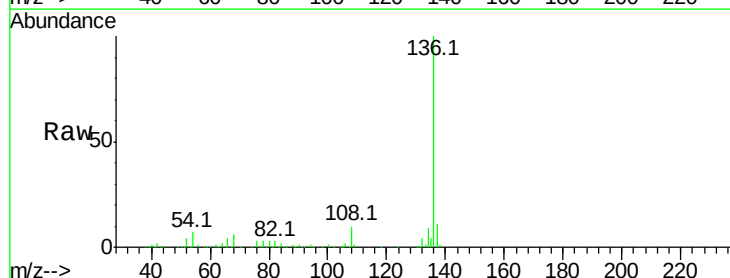
Ion Ratio Lower Upper

136 100

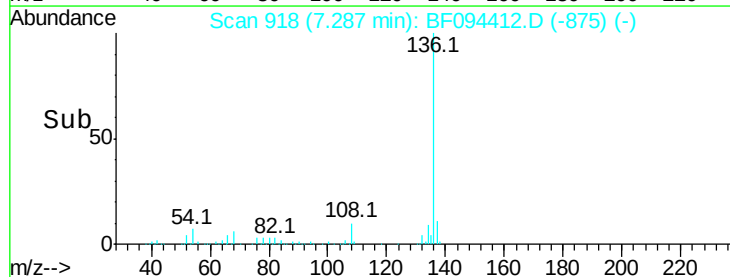
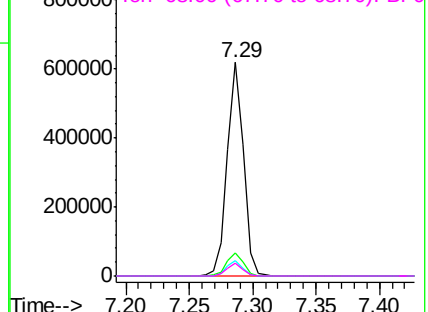
137 11.0 8.5 12.7

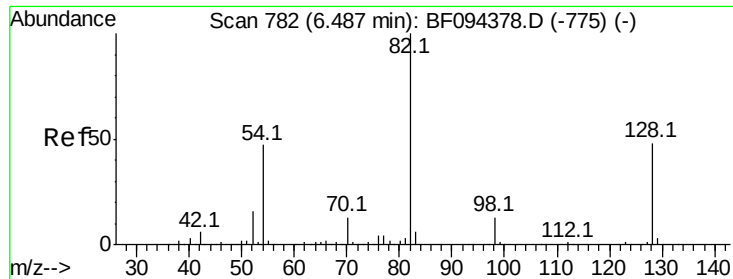
54 7.3 4.9 7.3

68 5.9 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

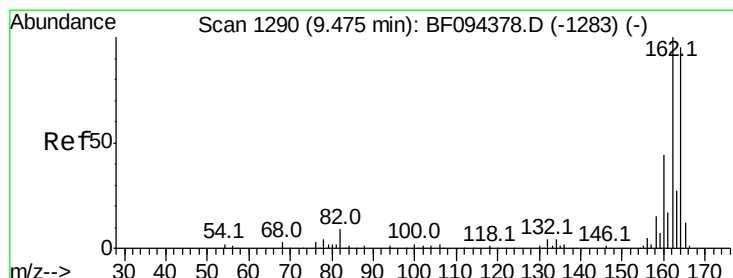
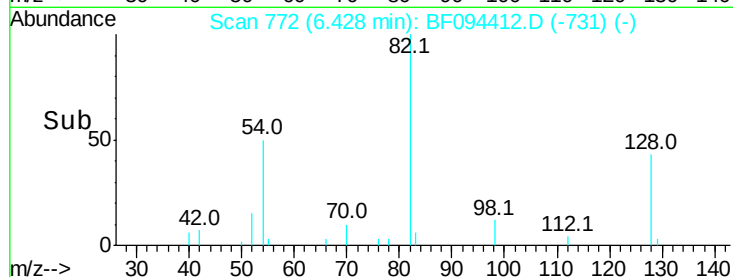
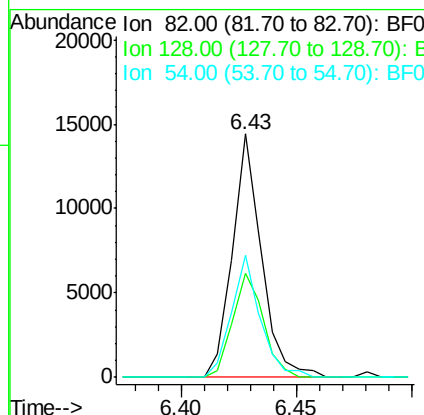
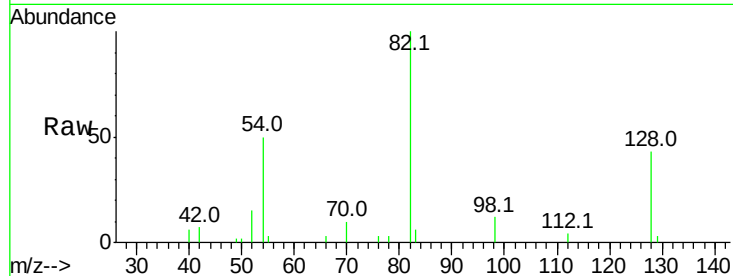




#23
 Nitrobenzene-d5
 Concen: 1.30 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

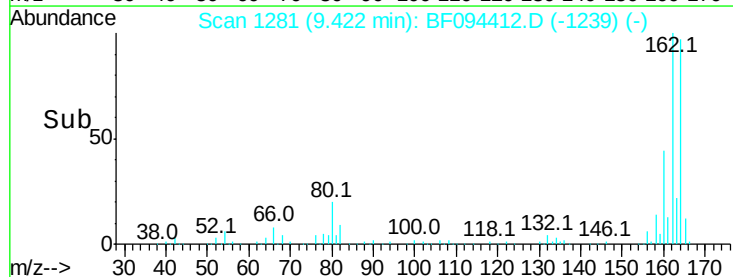
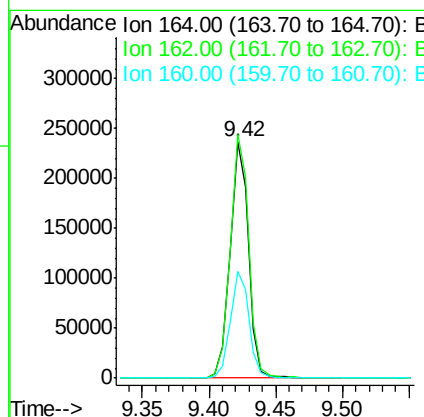
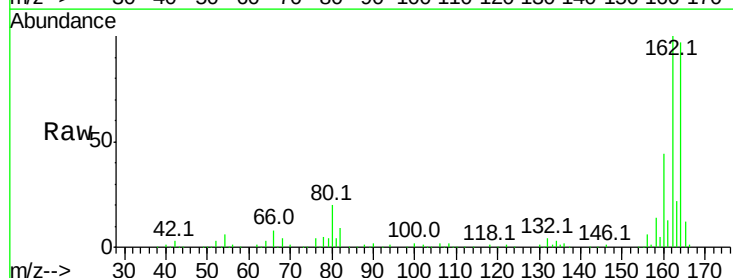
Instrument :
 BNA_F
 ClientSampleId :

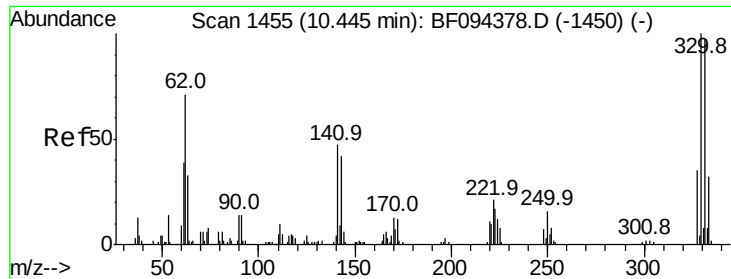
Tot Ion	82	Resp	12671
Ion Ratio	100	Lower	Upper
128	42.6	34.0	51.0
54	49.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Tgt Ion	164	Resp	231309
Ion Ratio	100	Lower	Upper
162	102.9	82.6	123.8
160	45.0	36.2	54.2

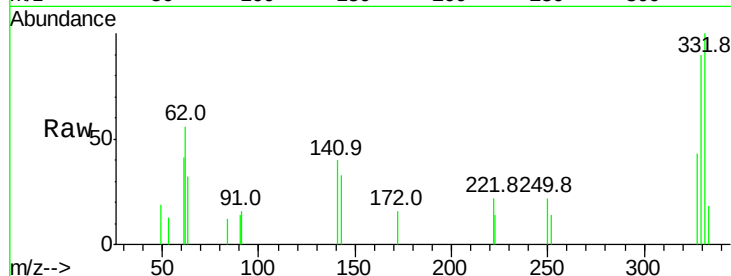




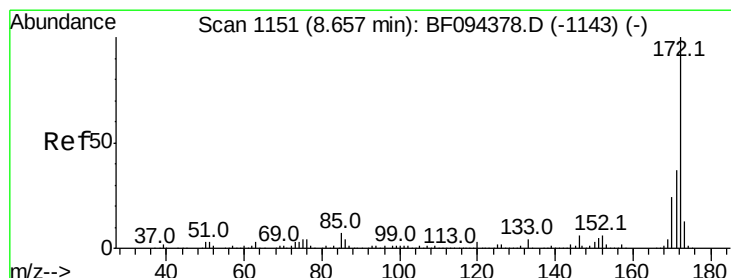
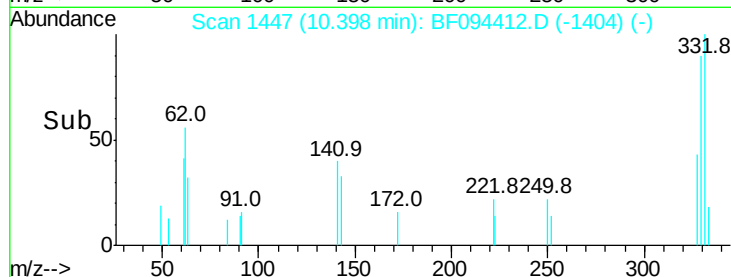
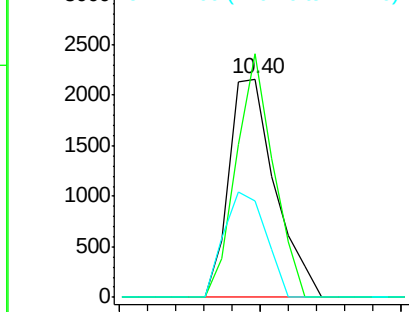
#41
 2,4,6-Tribromophenol
 Concen: 1.35 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2462
 Ion Ratio Lower Upper
 330 100
 332 89.2 76.6 115.0
 141 43.6 31.4 47.2

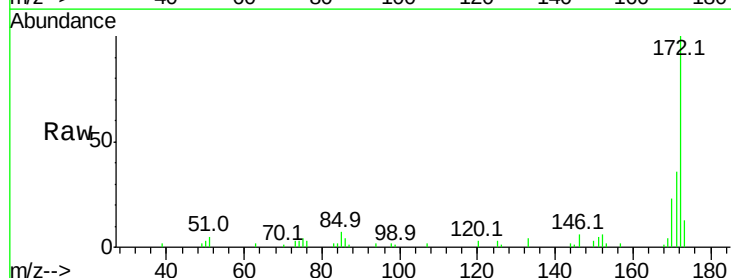


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

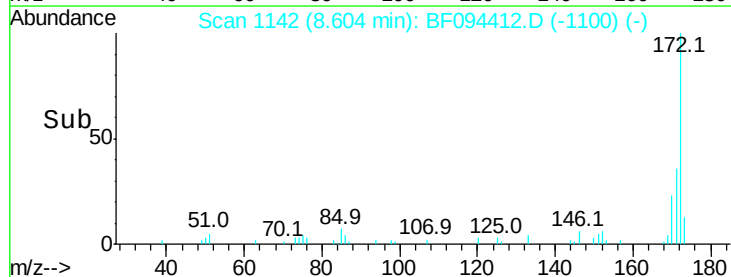
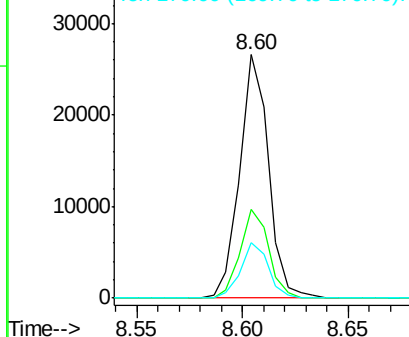


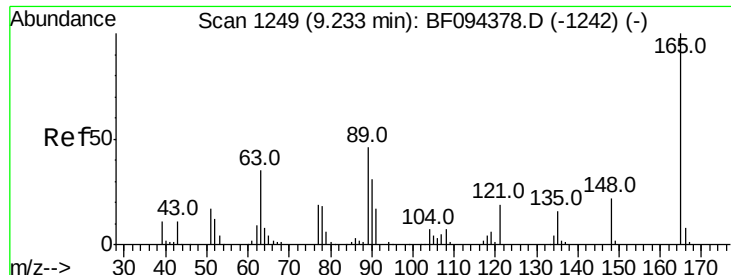
#44
 2-Fluorobiphenyl
 Concen: 1.66 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Tgt Ion:172 Resp: 25124
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 22.6 19.8 29.8



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

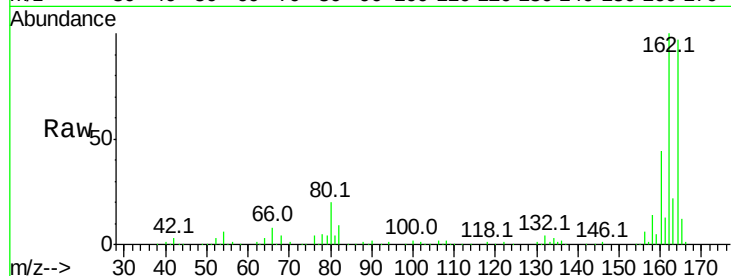




#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.19 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :

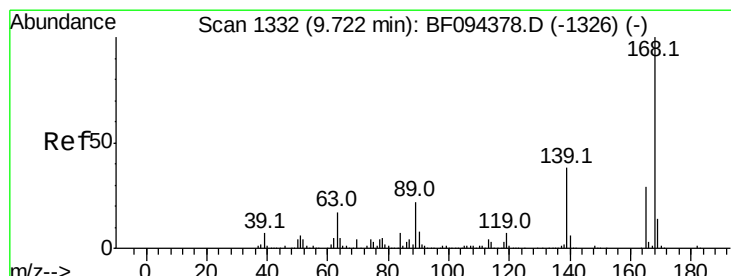
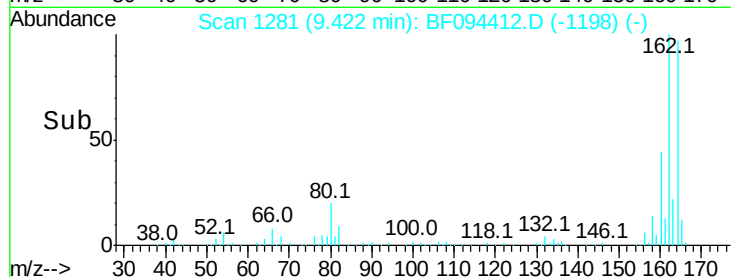
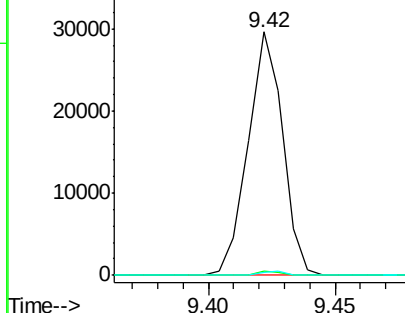
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.2	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.30 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

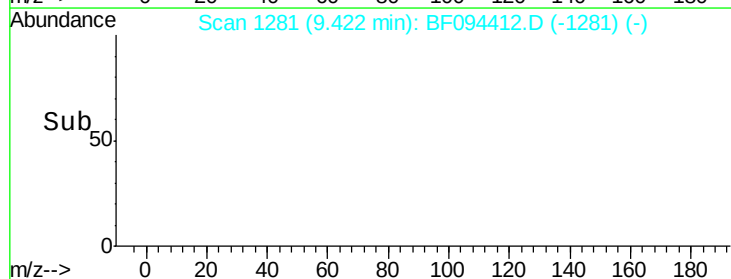
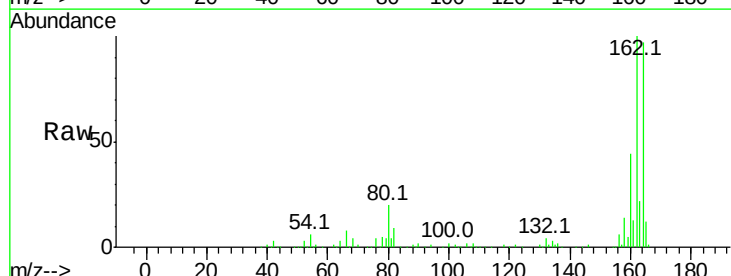
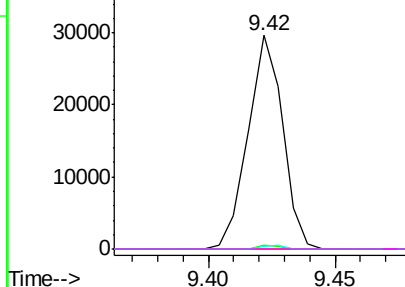
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

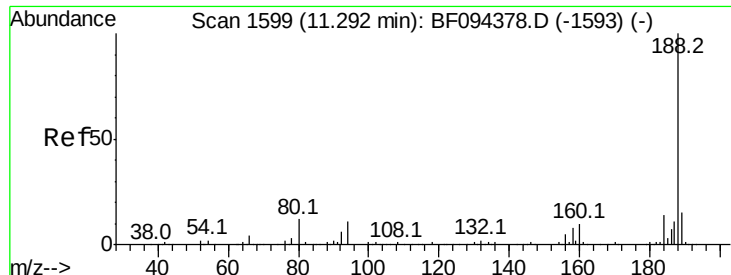
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

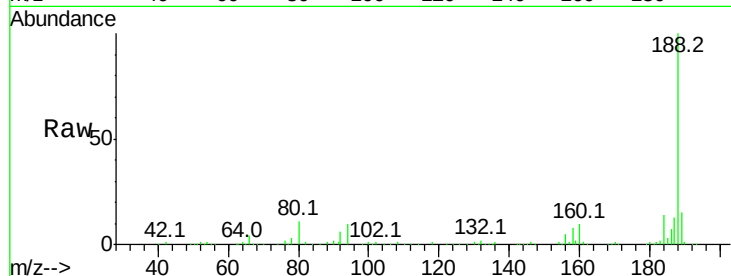




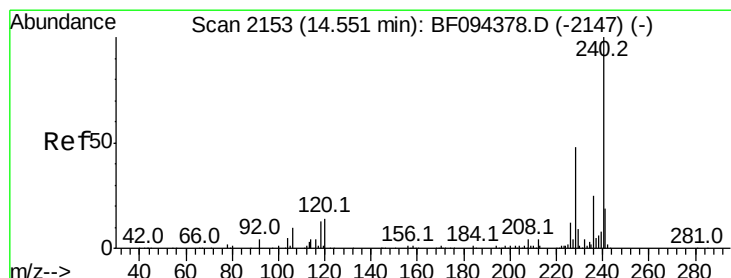
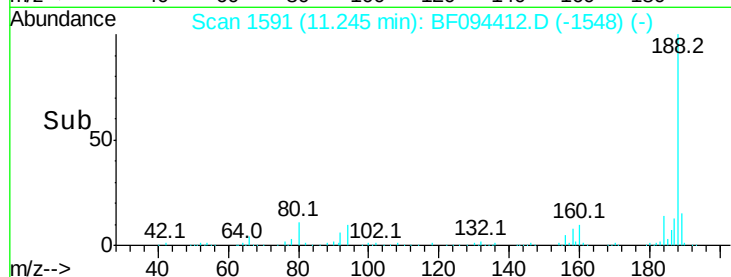
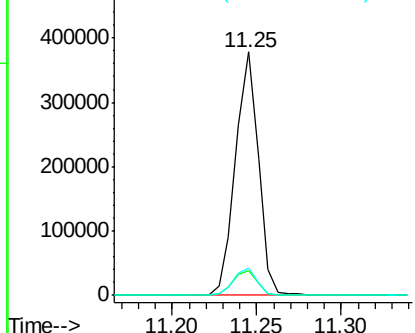
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 358201
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.3 10.2 15.2

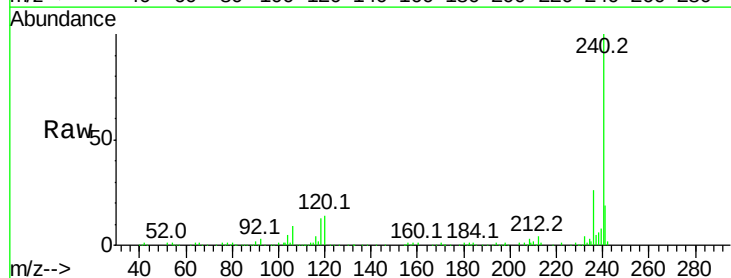


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

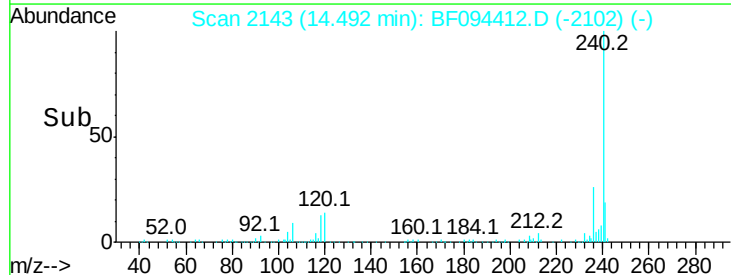
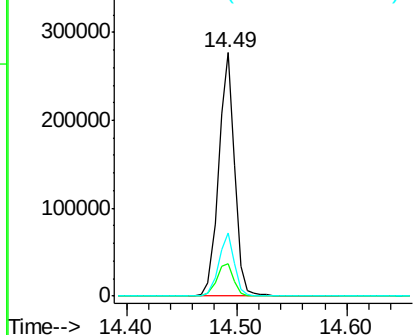


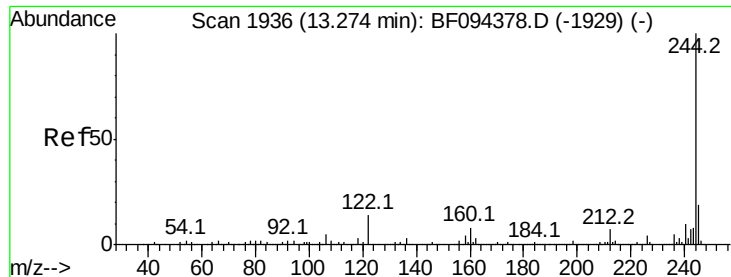
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094412.D
Acq: 14 Apr 2017 1:13

Tgt Ion:240 Resp: 276642
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.9 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

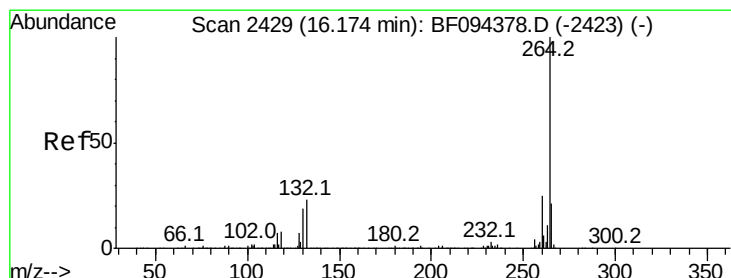
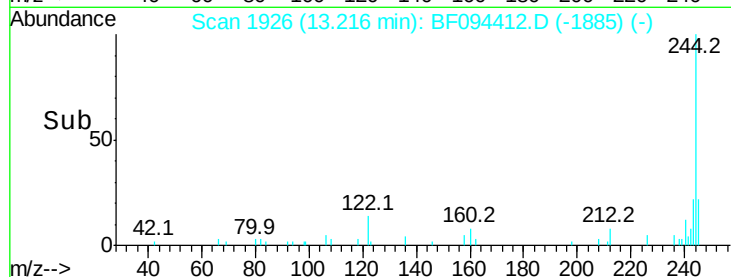
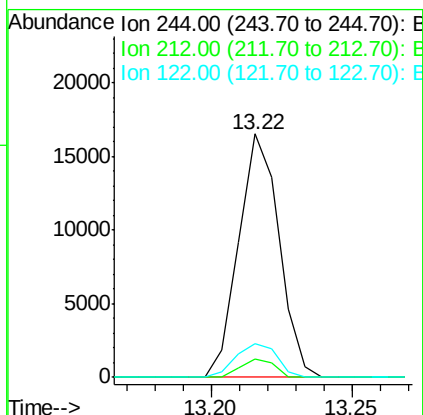
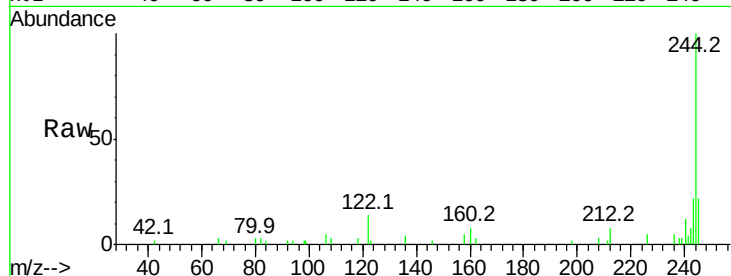




#78
 Terphenyl-d14
 Concen: 1.33 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 16418
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094412.D
 Acq: 14 Apr 2017 1:13

Tgt Ion:264 Resp: 217845
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 17.2 25.8

