

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099895.D
 Acq On : 28 Oct 2017 00:36
 Operator : SJ/JU
 Sample : I6029-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(20-23)

Quant Time: Oct 28 02:01:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

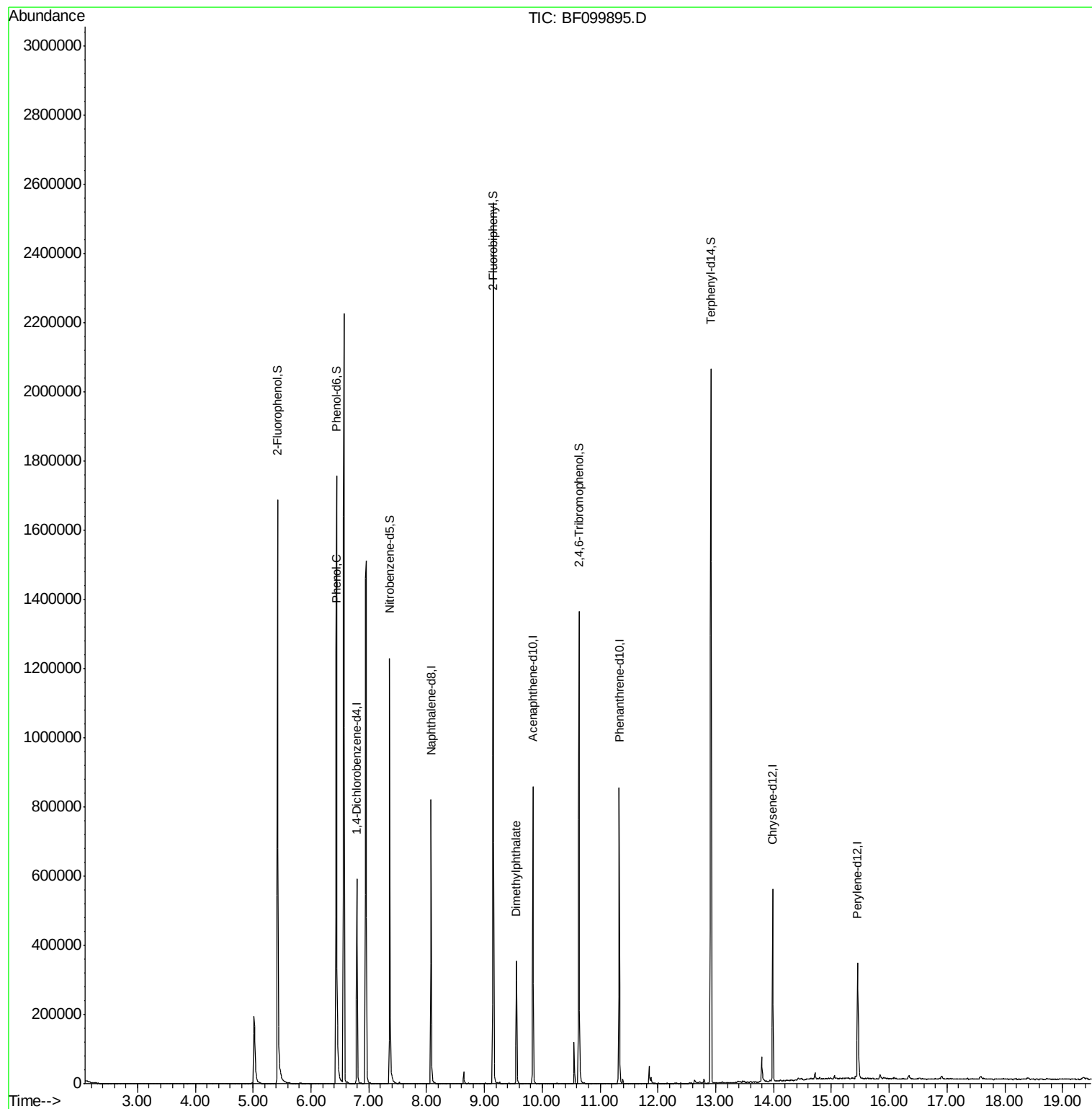
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94527	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	400857	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	187157	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	331391	20.00	ng	0.00
75) Chrysene-d12	13.99	240	198452	20.00	ng	0.00
86) Perylene-d12	15.46	264	166005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	642017	106.63	ng	0.00
7) Phenol-d6	6.44	99	773222	108.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	443899	71.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	174386	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	872229	71.90	ng	0.00
78) Terphenyl-d14	12.92	244	696195	76.67	ng	0.00
Target Compounds						
10) Phenol	6.45	94	40994	5.230	ng	96
49) Dimethylphthalate	9.55	163	163549	11.035	ng	100

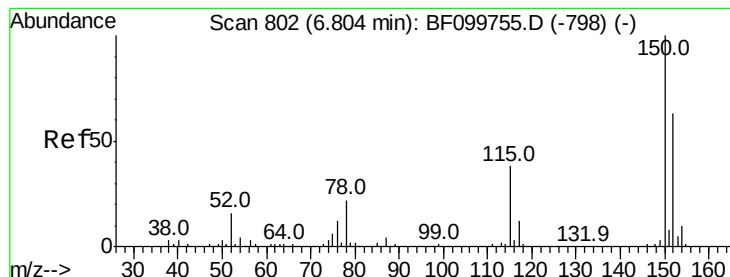
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

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Instrument :

BNA_F

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ENV-118-3(20-23)

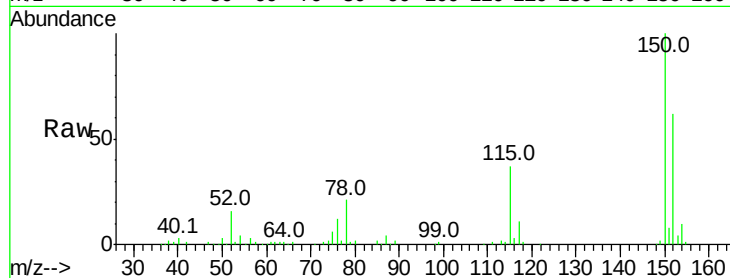
Tot Ion:152 Resp: 94527

Ion Ratio Lower Upper

152 100

150 162.5 124.6 186.8

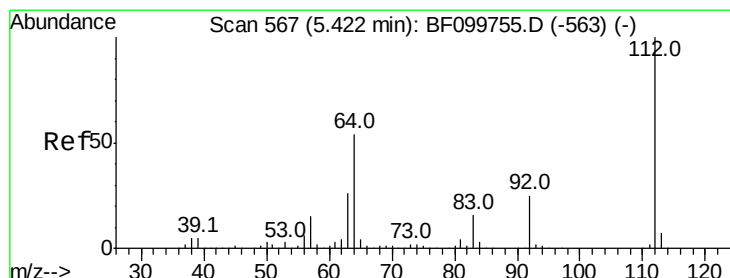
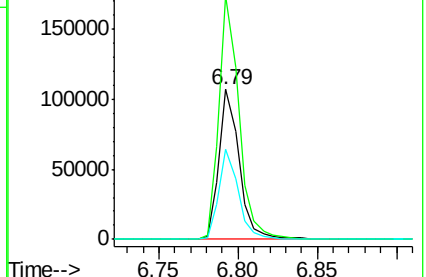
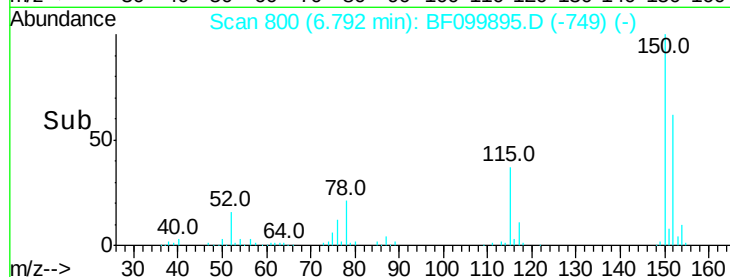
115 59.7 50.1 75.1



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: 106.630 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

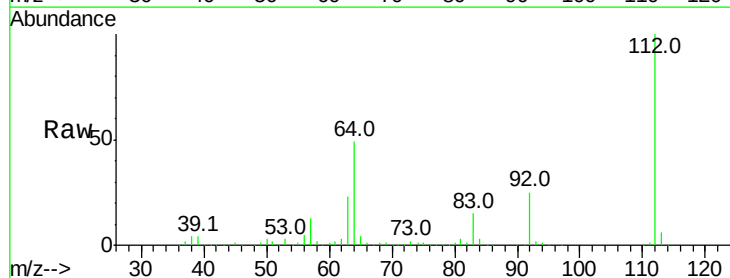
Tgt Ion:112 Resp: 642017

Ion Ratio Lower Upper

112 100

64 49.5 47.9 71.9

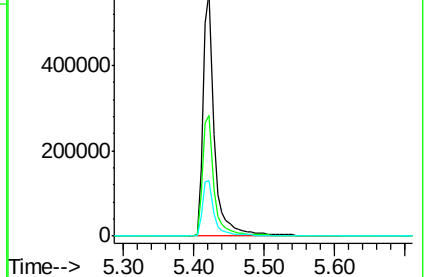
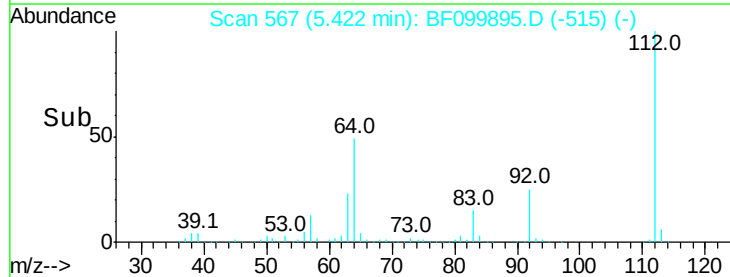
63 22.9 23.7 35.5#

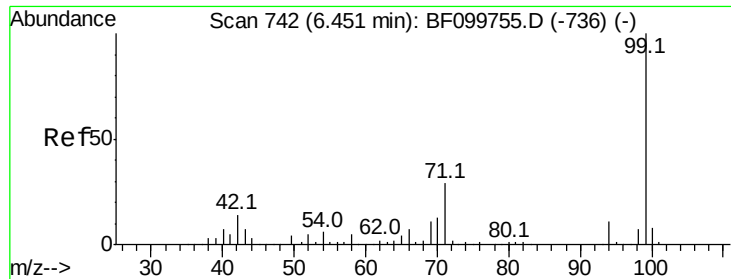


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.307 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Instrument :

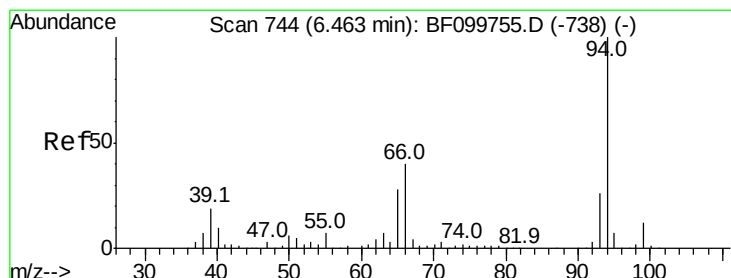
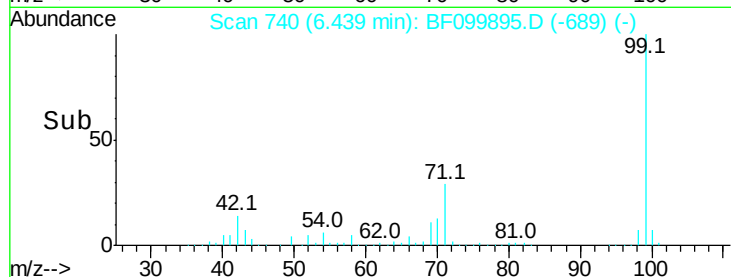
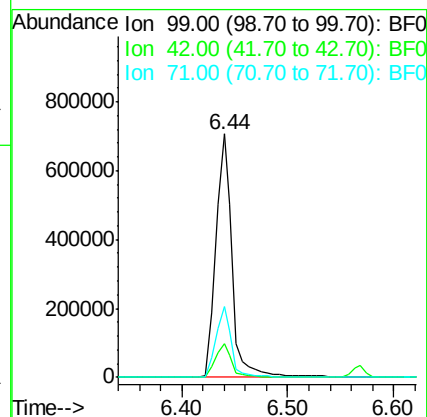
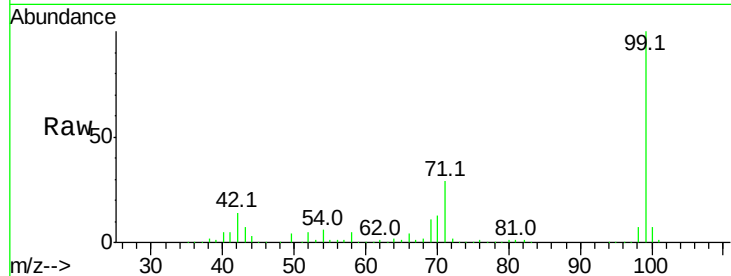
BNA_F

ClientSampleId :

ENV-118-3(20-23)

Tot Ion: 99 Resp: 773222

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.0	25.4	38.0



#10

Phenol

Concen: 5.230 ng

RT: 6.45 min Scan# 742

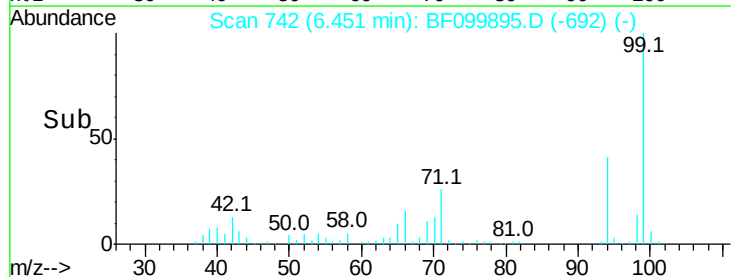
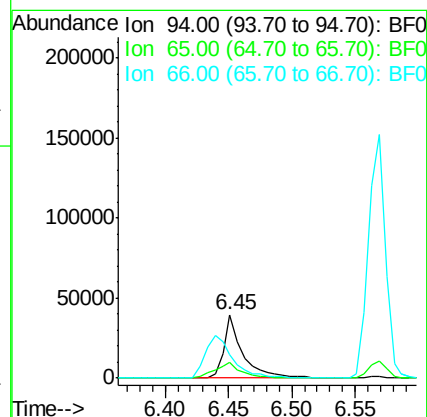
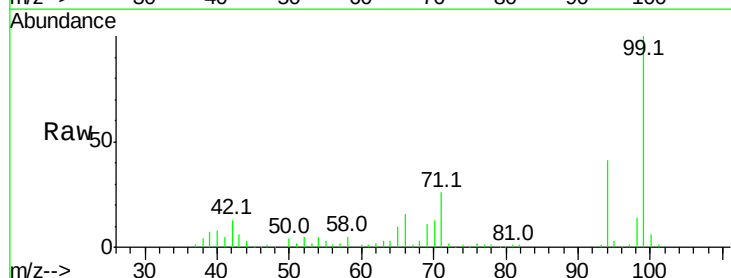
Delta R.T. -0.01 min

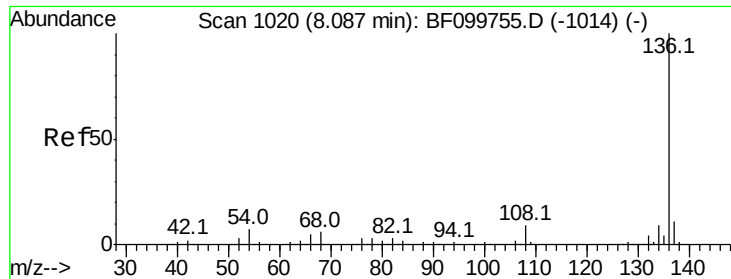
Lab File: BF099895.D

Acq: 28 Oct 2017 00:36

Tgt Ion: 94 Resp: 40994

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	37.9	16.2	56.2

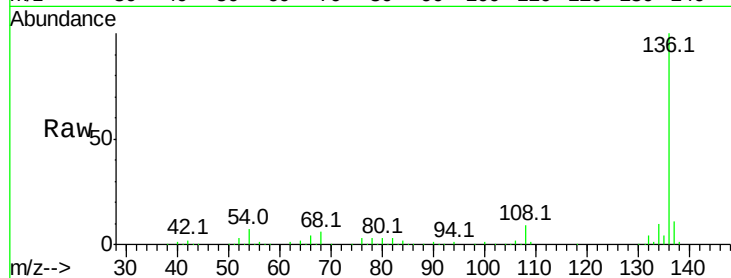




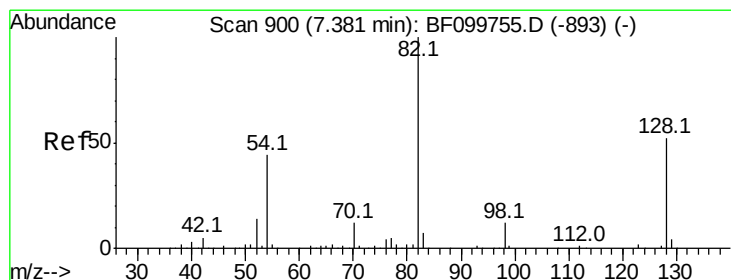
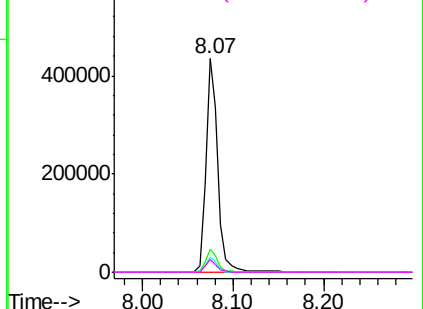
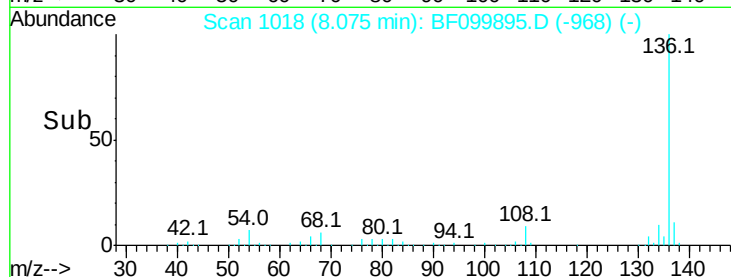
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(20-23)

Tot Ion:	136	Resp:	400857
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

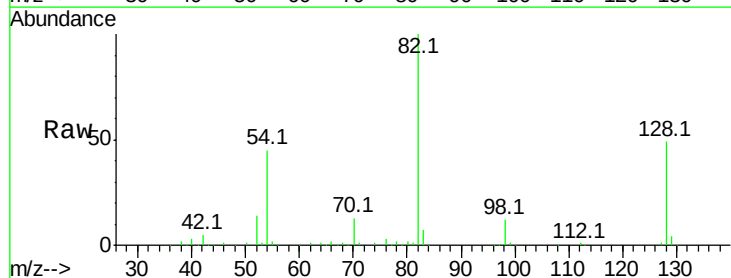


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

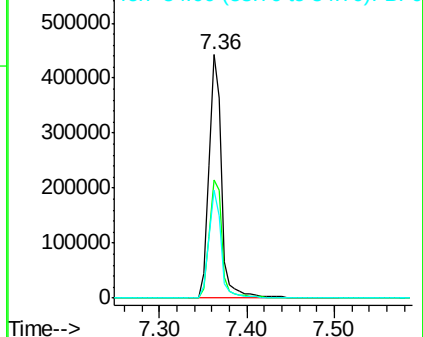
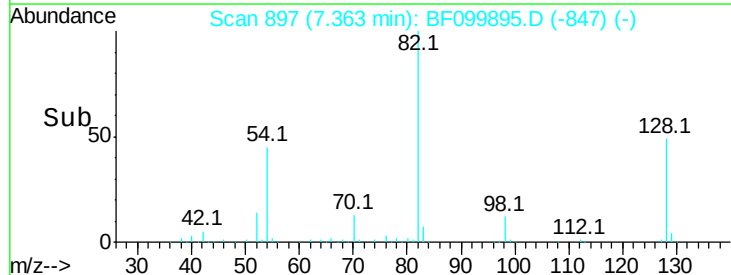


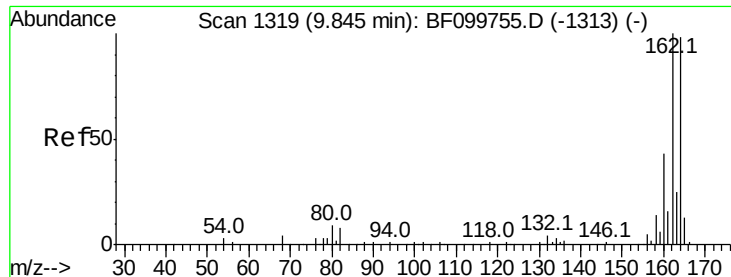
#23
Nitrobenzene-d5
Concen: 71.293 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion:	82	Resp:	443899
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	44.5	41.4	62.2



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

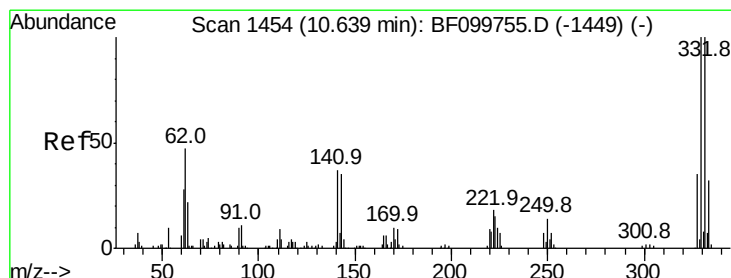
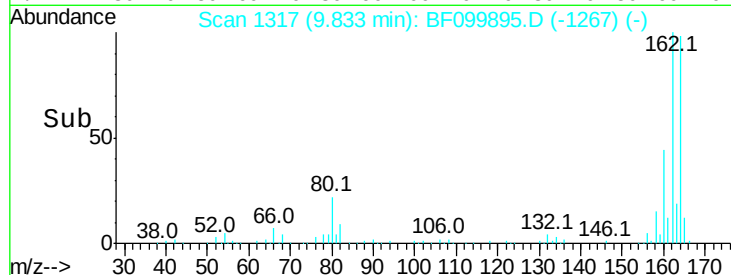
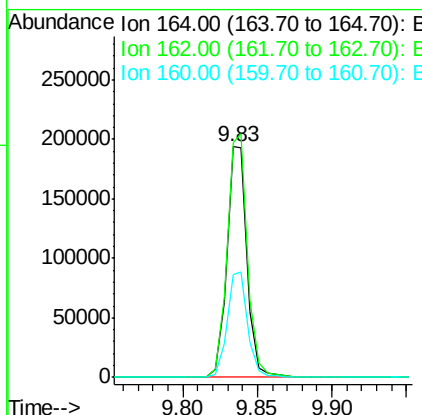
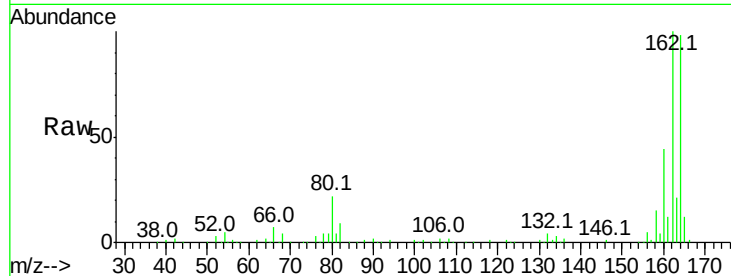




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

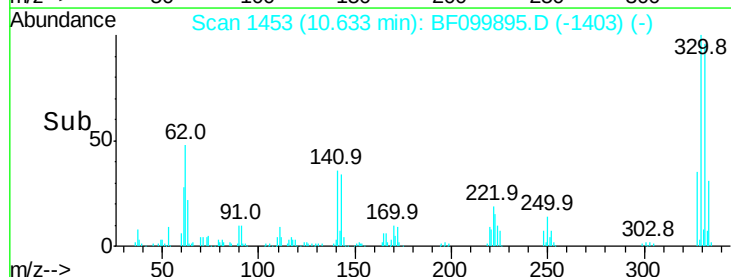
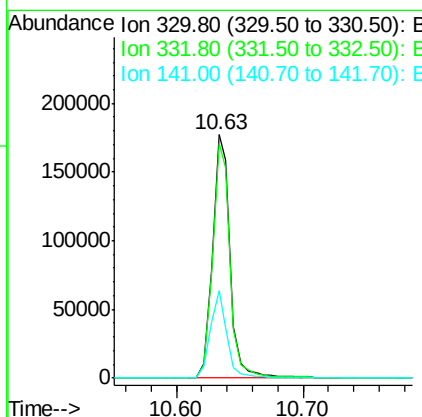
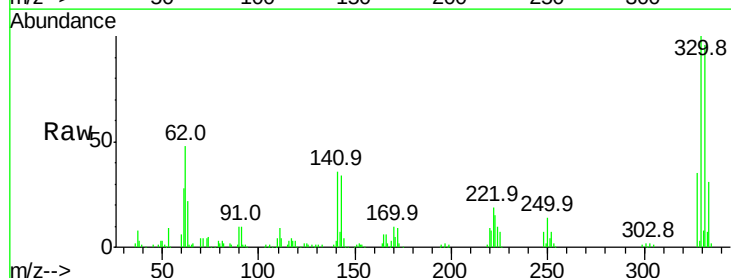
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ENV-118-3(20-23)

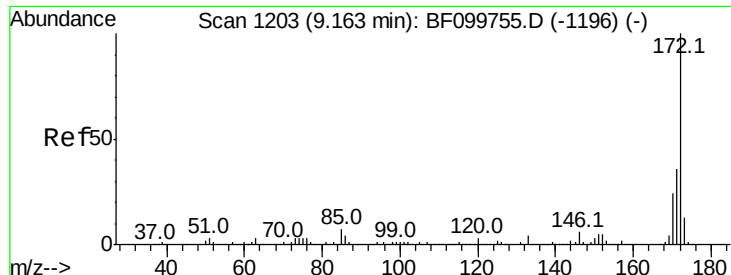
Tot Ion:164 Resp: 187157
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 44.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 102.244 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion:330 Resp: 174386
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.8 29.9 44.9

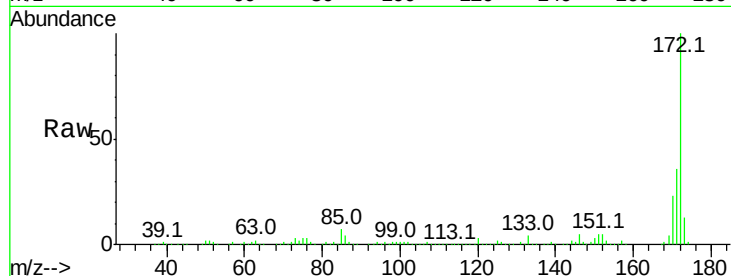




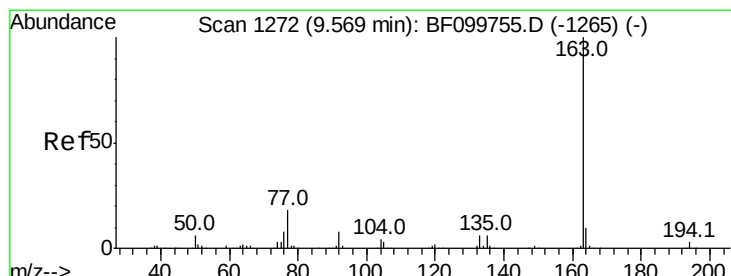
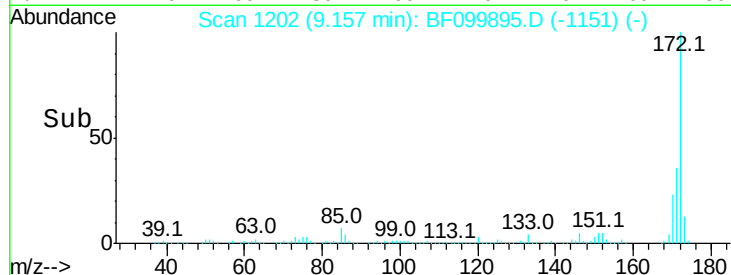
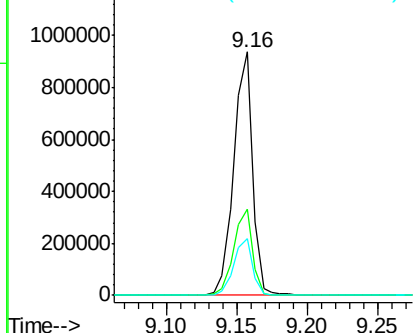
#44
2-Fluorobiphenyl
Concen: 71.903 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(20-23)

Tot Ion:172 Resp: 872229
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.5 19.6 29.4

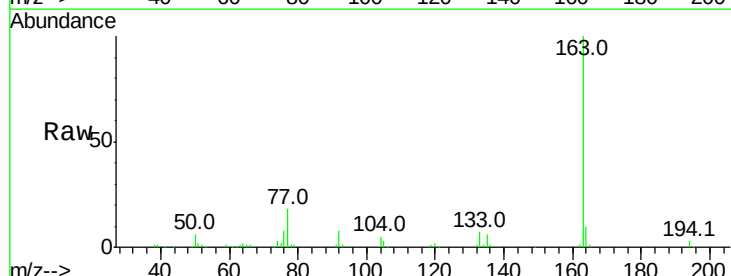


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

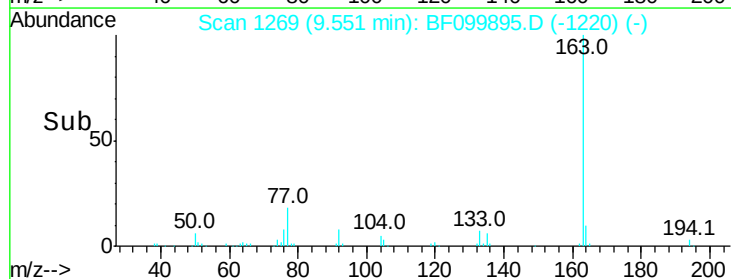
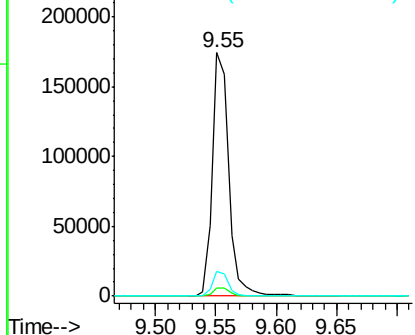


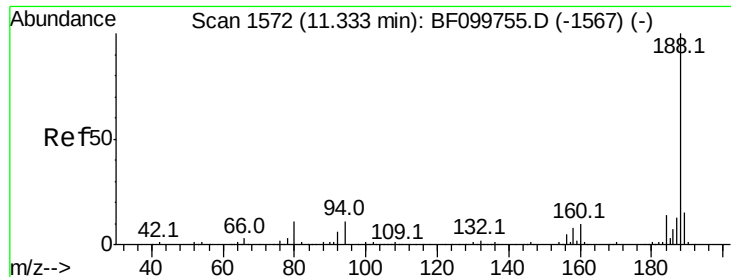
#49
Dimethylphthalate
Concen: 11.035 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion:163 Resp: 163549
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

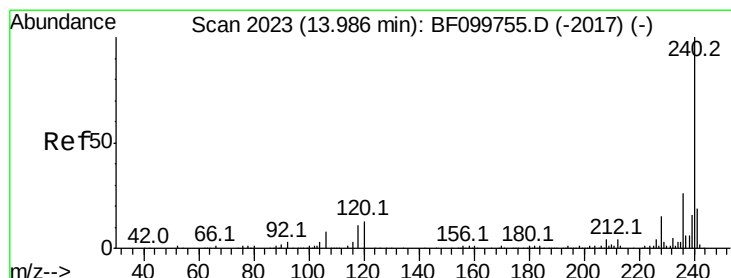
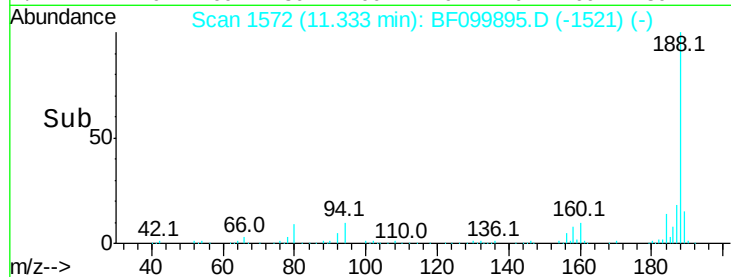
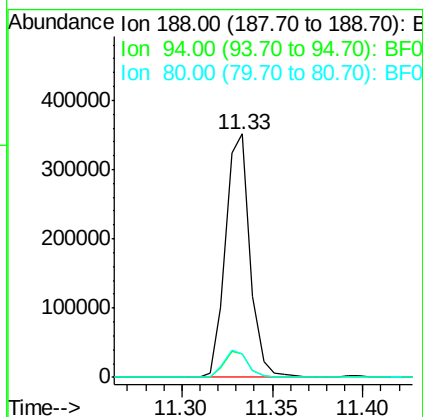
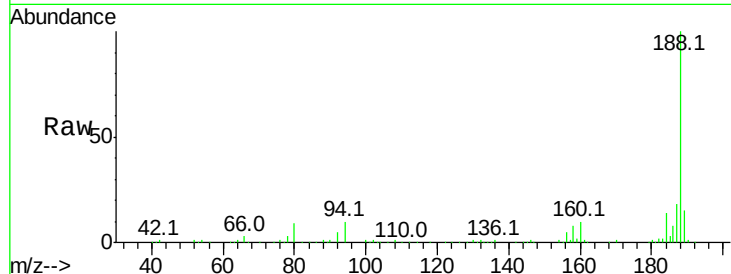




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

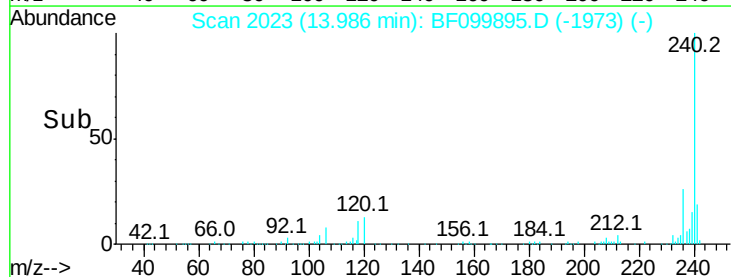
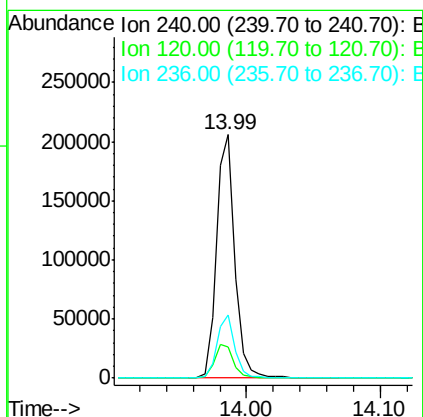
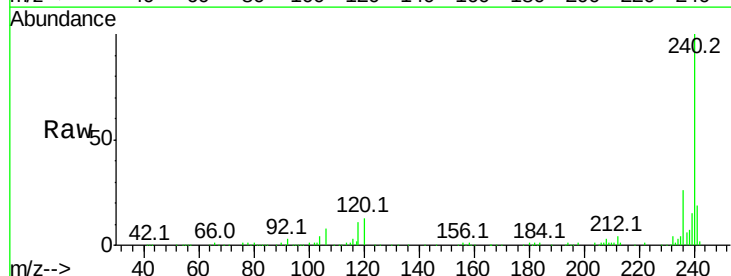
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ENV-118-3(20-23)

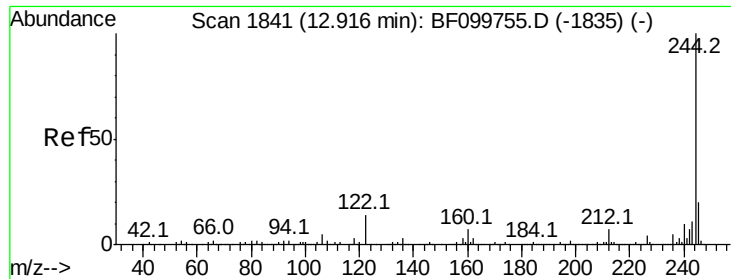
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099895.D
Acq: 28 Oct 2017 00:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.1	20.7	31.1

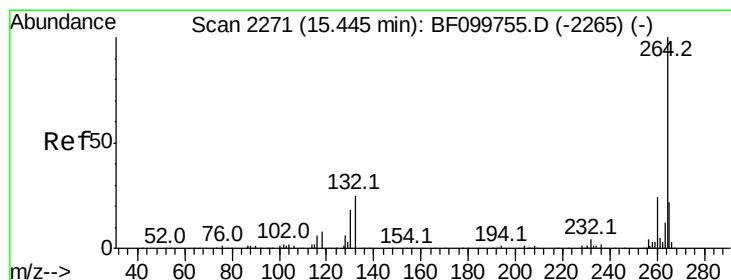
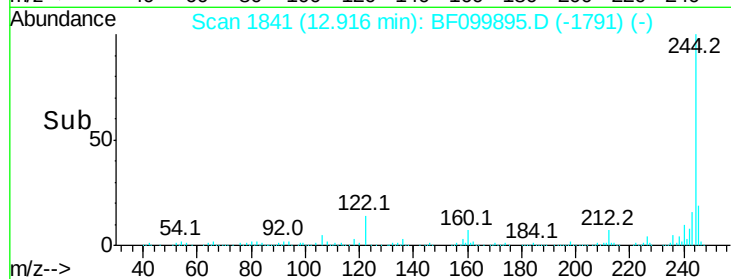
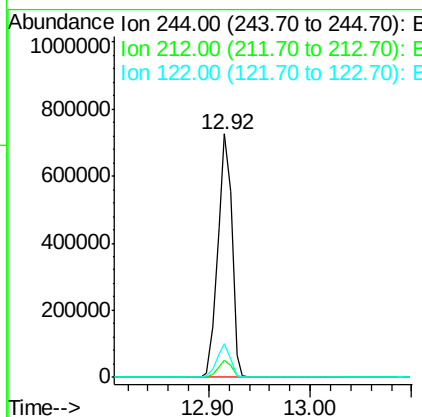
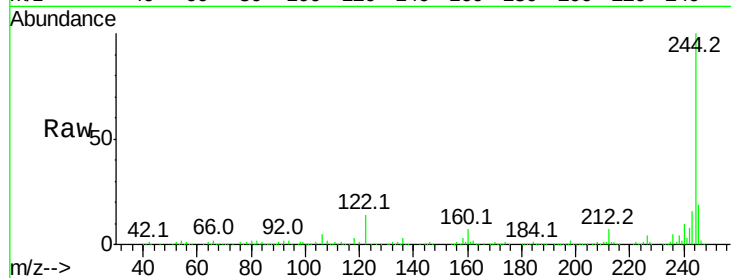




#78
 Terphenyl-d14
 Concen: 76.666 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(20-23)

Tot Ion:244 Resp: 696195
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099895.D
 Acq: 28 Oct 2017 00:36

Tgt Ion:264 Resp: 166005
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.1 17.5 26.3

