

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100588.D
 Acq On : 15 Nov 2017 15:17
 Operator : SJ/JU
 Sample : I6422-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-110-3(5-10)

Quant Time: Nov 16 03:55:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

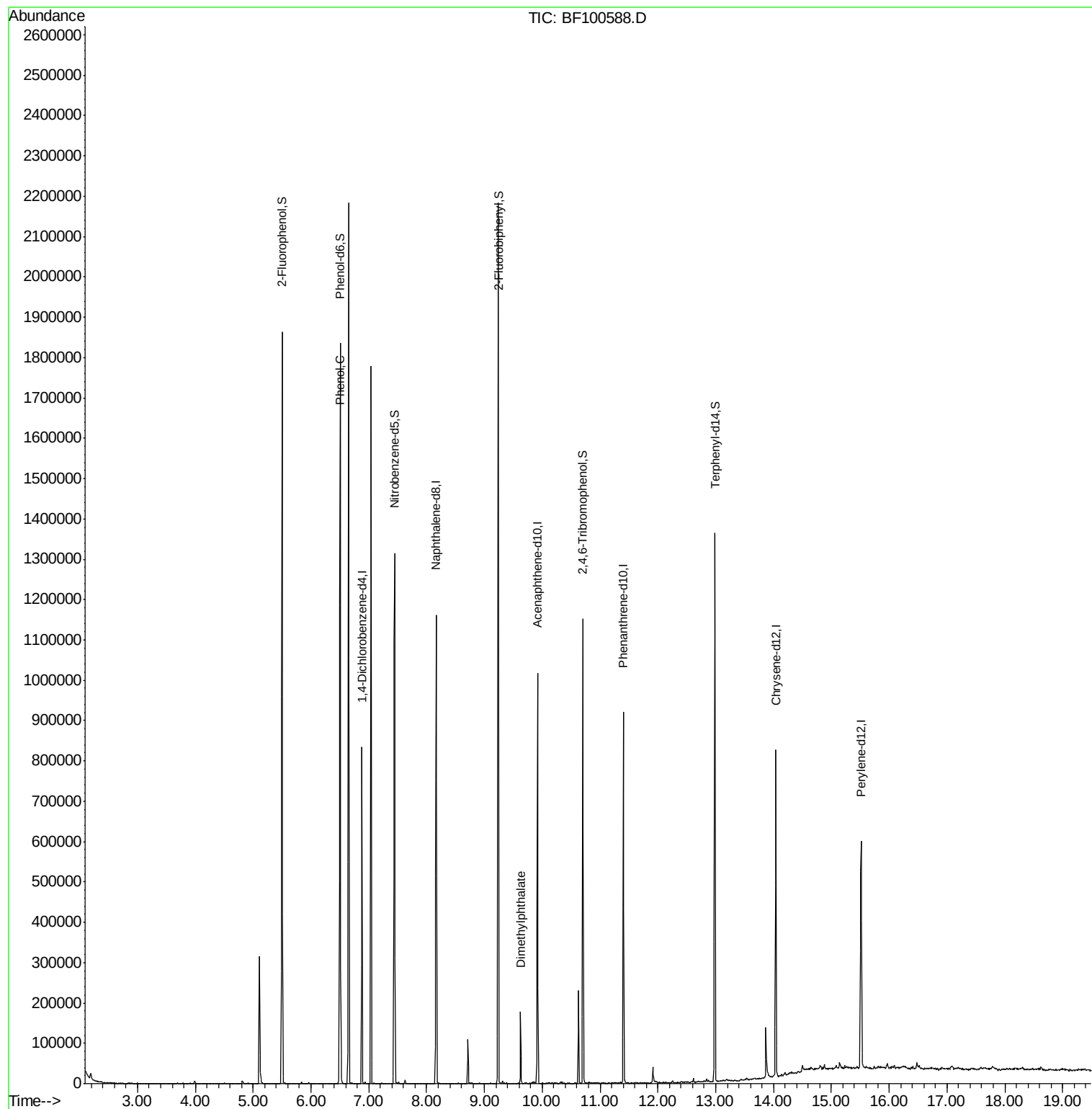
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123884	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	478321	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198458	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	299499	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255940	20.00	ng	-0.01
86) Perylene-d12	15.52	264	268120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	561177	72.61	ng	0.00
7) Phenol-d6	6.50	99	677033	71.04	ng	-0.01
23) Nitrobenzene-d5	7.45	82	412915	57.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130359	64.46	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	690545	52.98	ng	0.00
78) Terphenyl-d14	12.99	244	426870	38.32	ng	0.00
Target Compounds						
10) Phenol	6.52	94	32709	3.269	ng	99
49) Dimethylphthalate	9.63	163	62132	4.100	ng	# 98

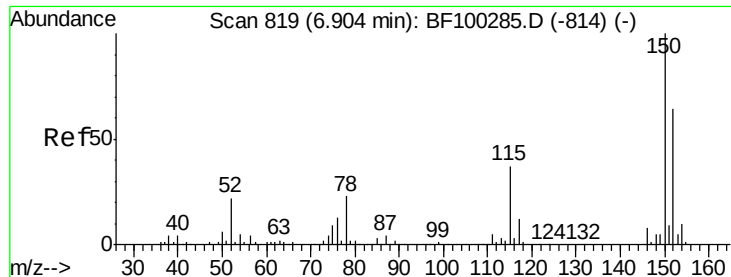
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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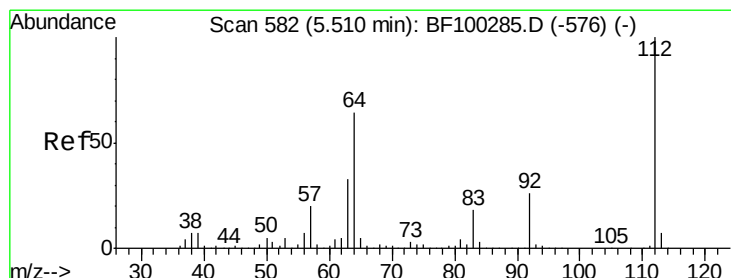
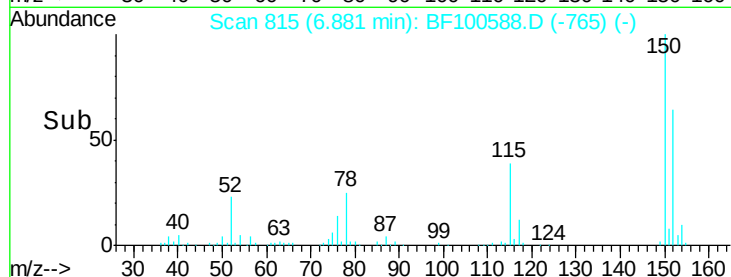
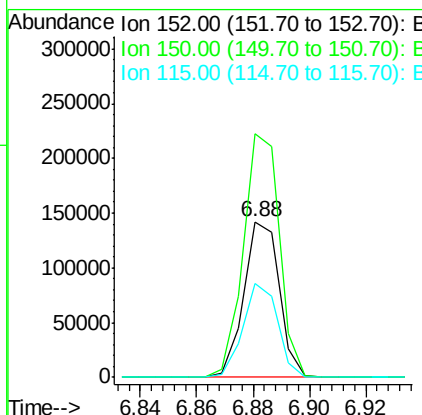
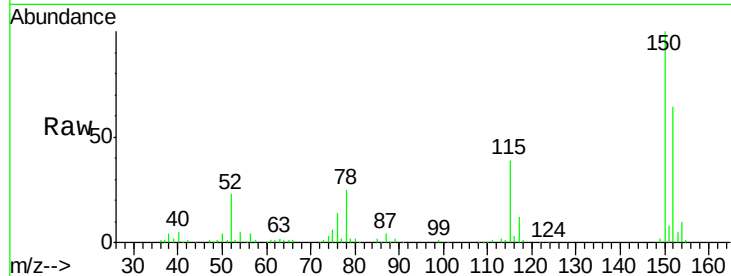




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

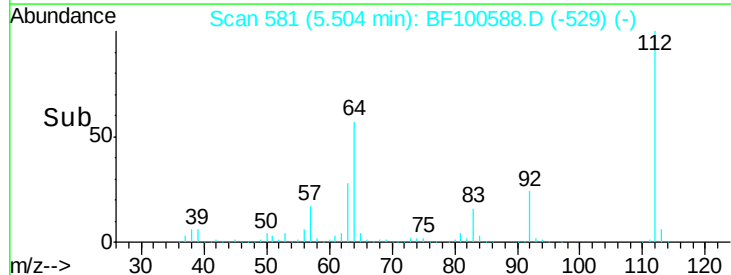
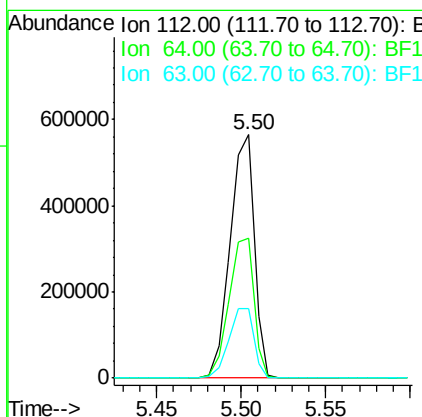
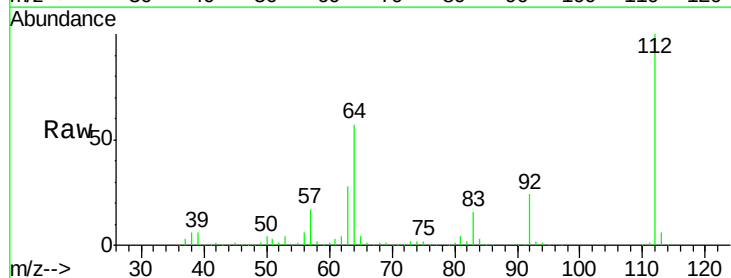
Instrument :
 BNA_F
 ClientSampleId :
 EPE-110-3(5-10)

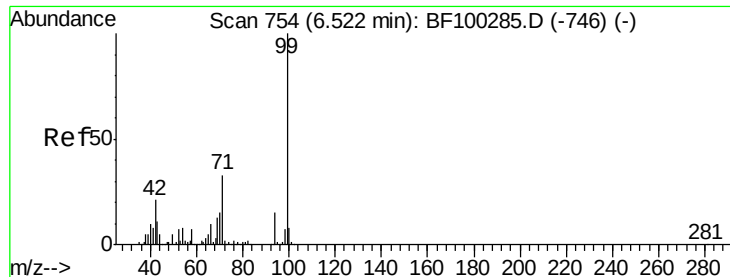
Tgt Ion:152 Resp: 123884
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 72.613 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Tgt Ion:112 Resp: 561177
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.9 71.9
 63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 71.042 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-110-3(5-10)

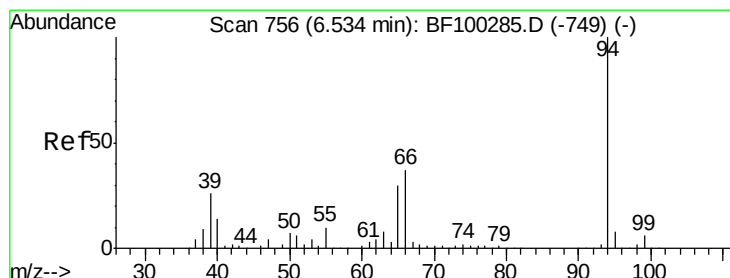
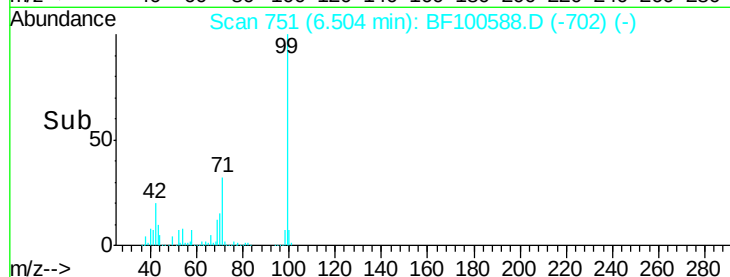
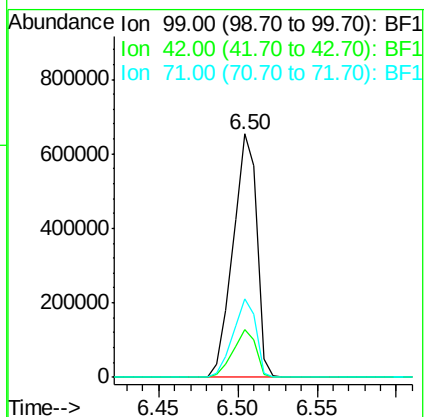
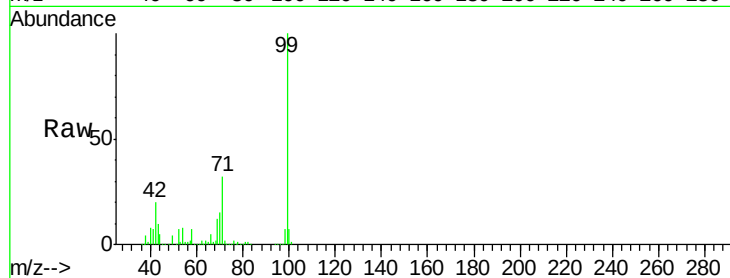
Tgt Ion: 99 Resp: 677033

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 3.269 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

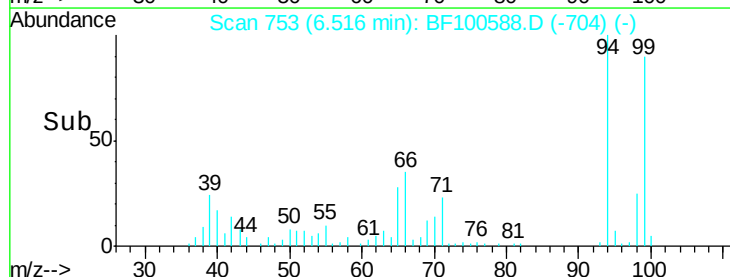
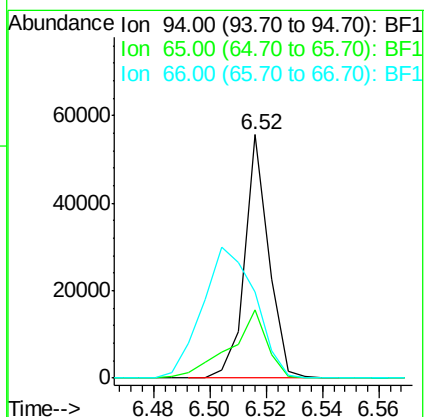
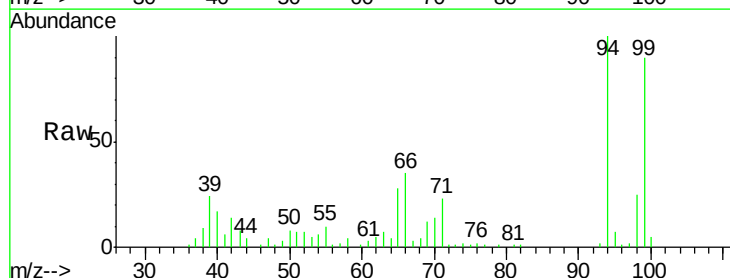
Tgt Ion: 94 Resp: 32709

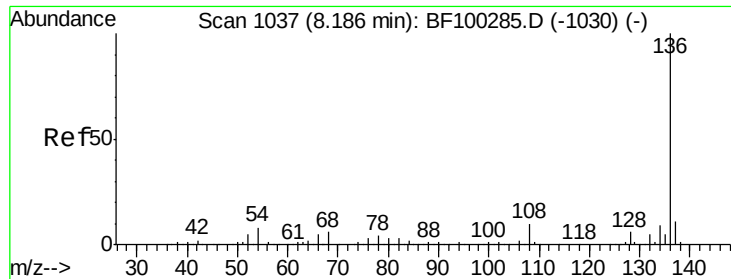
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 35.3 16.2 56.2

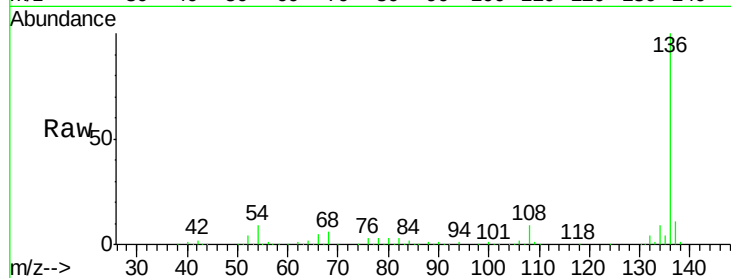




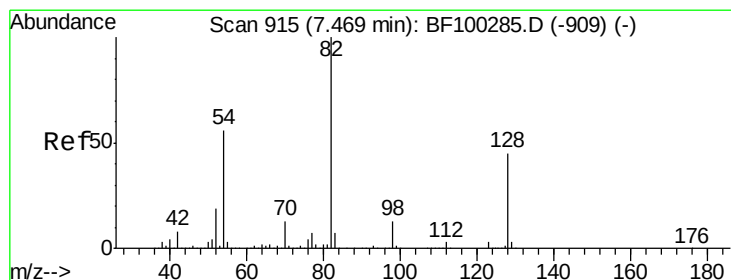
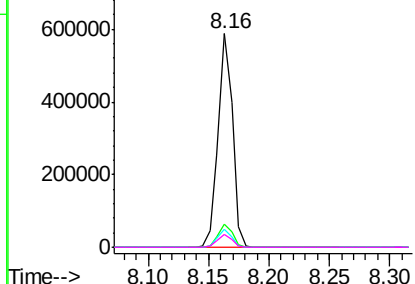
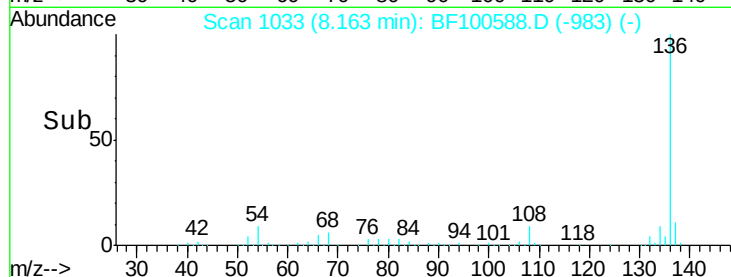
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-110-3(5-10)

Tgt Ion: 136 Resp: 478321
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.7 6.6 9.8
68 6.3 5.0 7.4

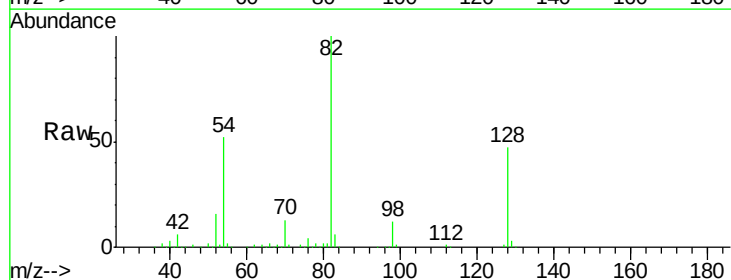


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

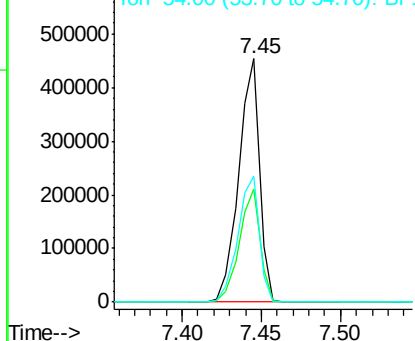
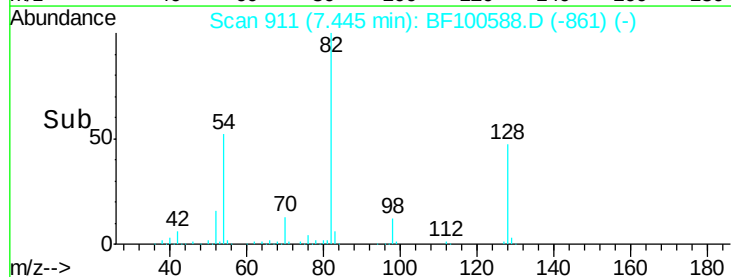


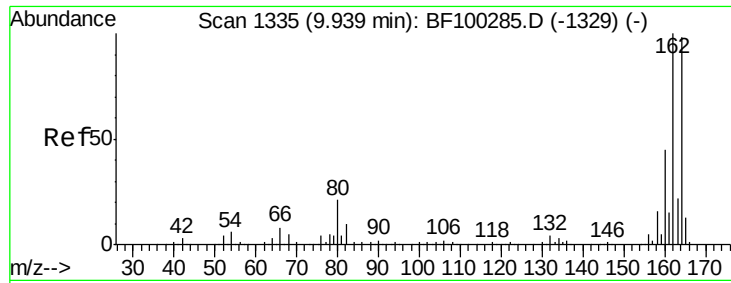
#23
Nitrobenzene-d5
Concen: 57.073 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Tgt Ion: 82 Resp: 412915
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 51.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

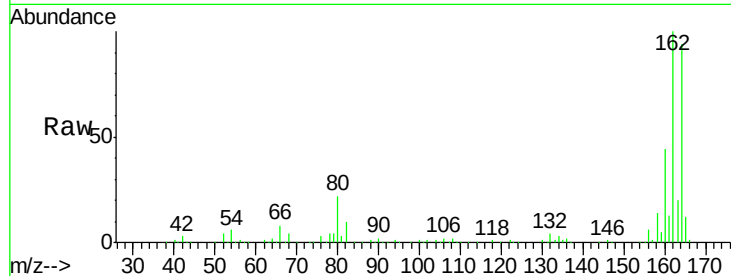




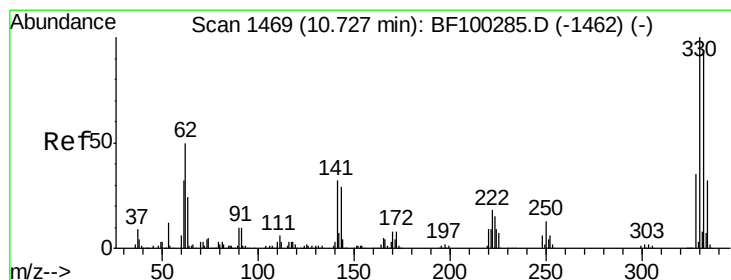
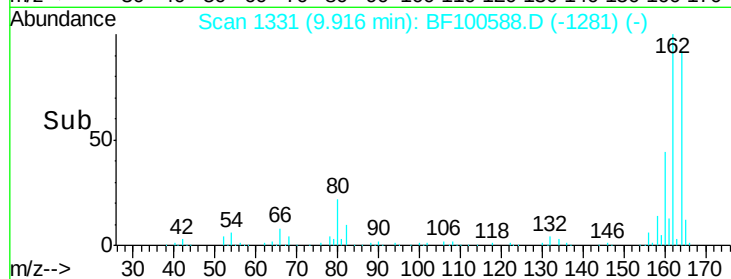
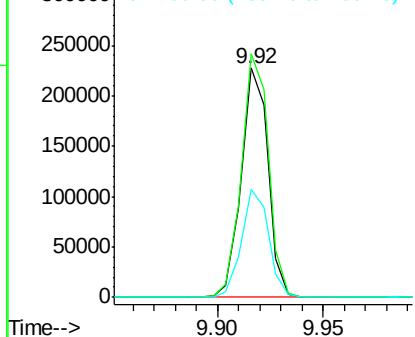
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 EPE-110-3(5-10)

Tgt Ion:164 Resp: 198458
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.9 38.3 57.5

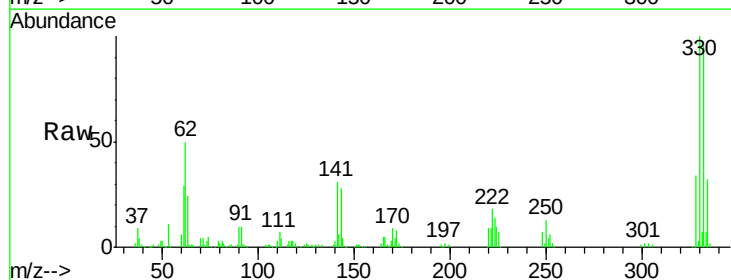


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

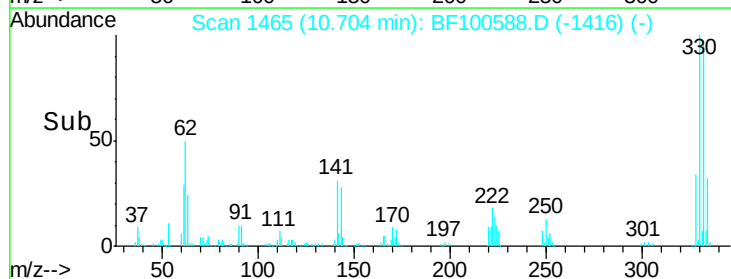
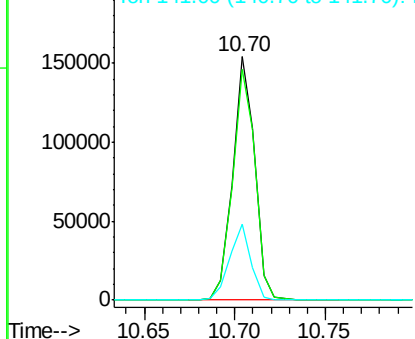


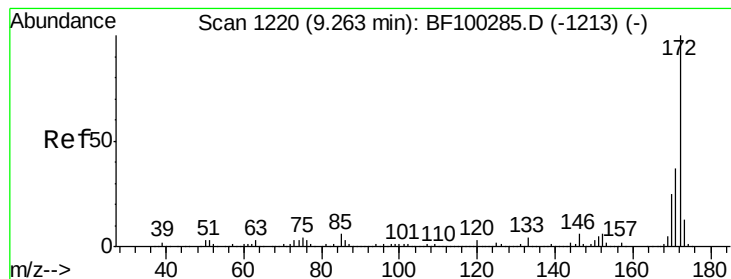
#41
 2,4,6-Tribromophenol
 Concen: 64.461 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100588.D
 Acq: 15 Nov 2017 15:17

Tgt Ion:330 Resp: 130359
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 30.3 29.9 44.9



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: 52.984 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-110-3(5-10)

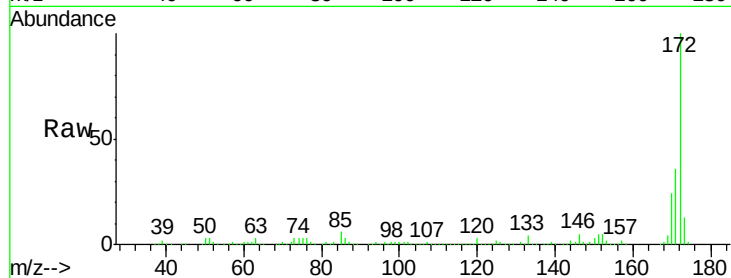
Tgt Ion:172 Resp: 690545

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

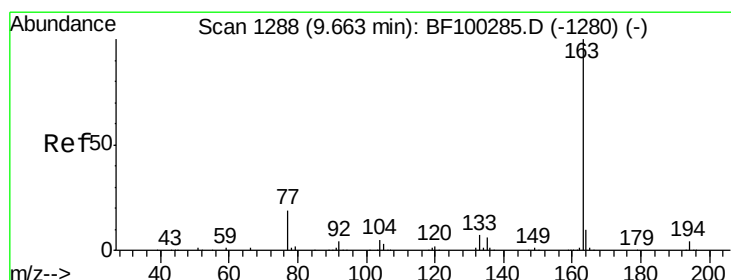
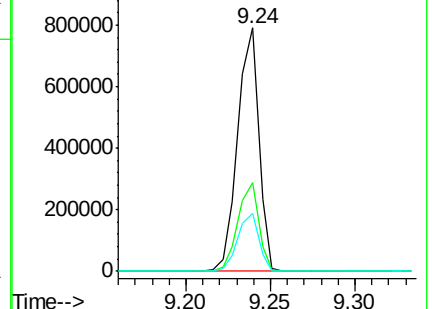
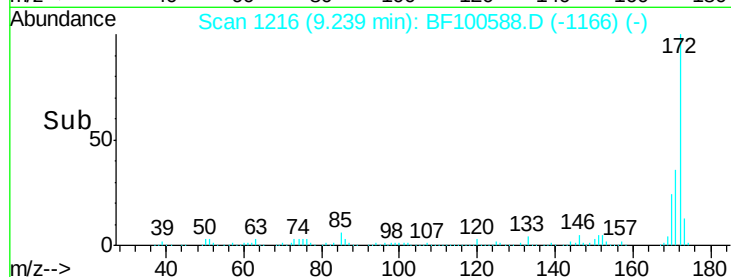
170 23.7 19.6 29.4



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: 4.100 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

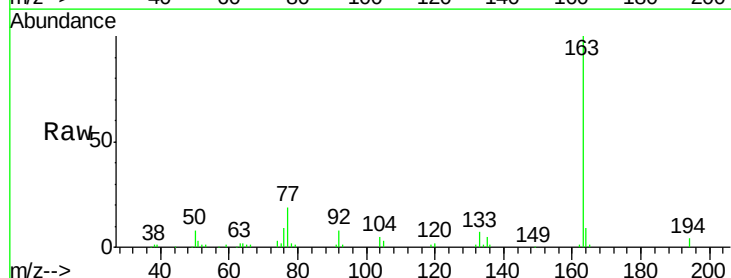
Tgt Ion:163 Resp: 62132

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

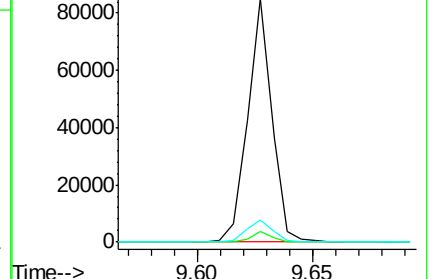
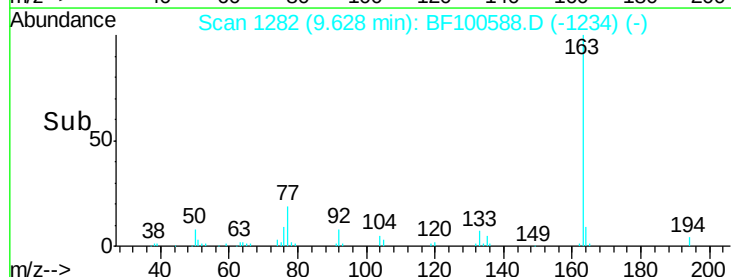
164 9.4 8.2 12.2

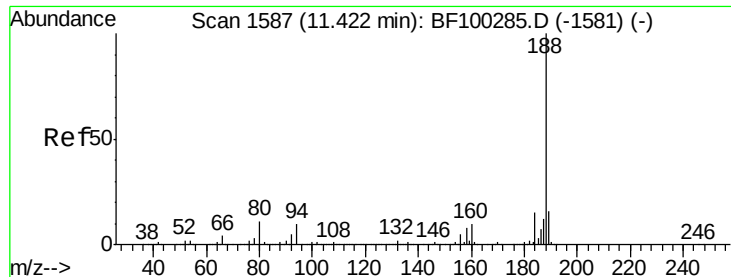


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

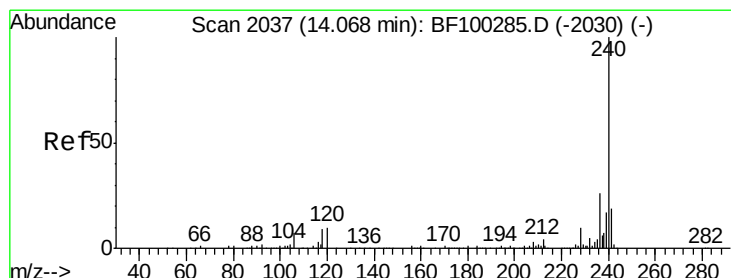
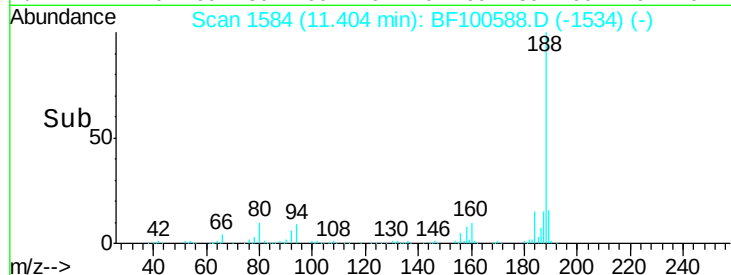
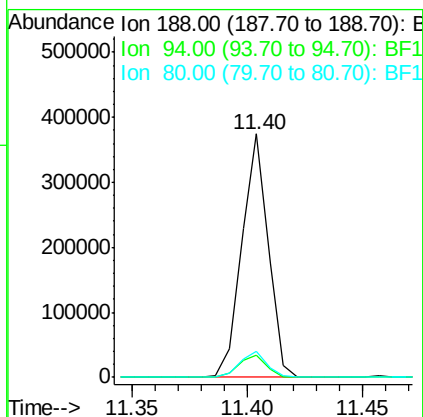
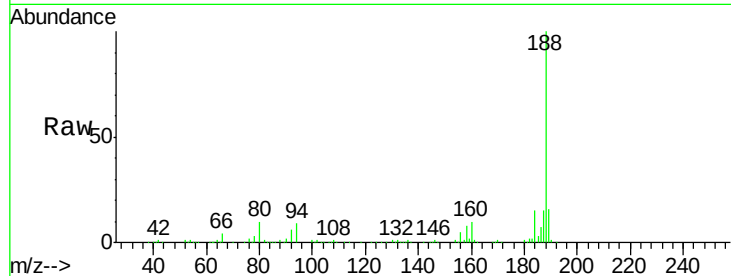




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

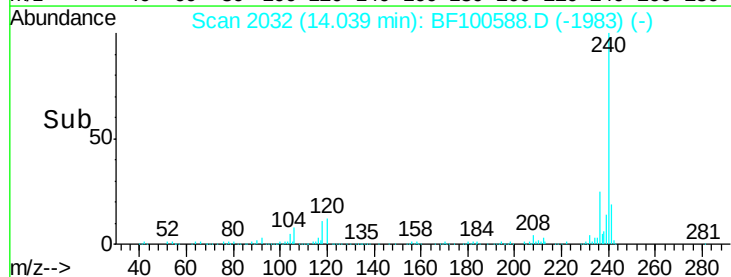
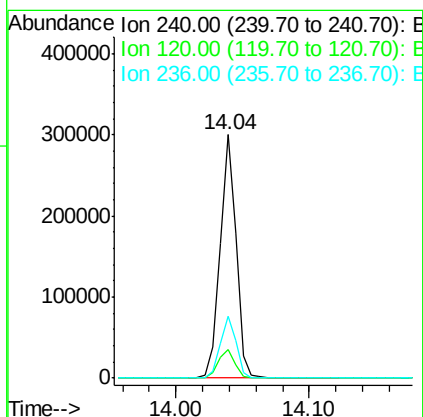
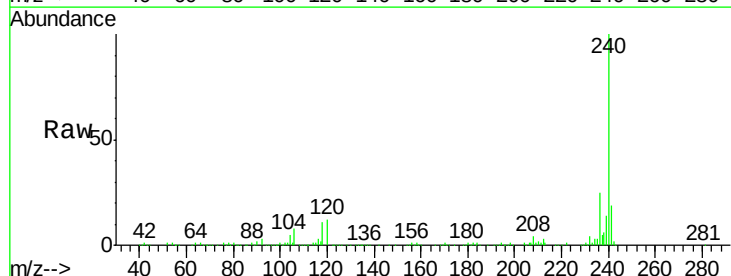
Instrument :
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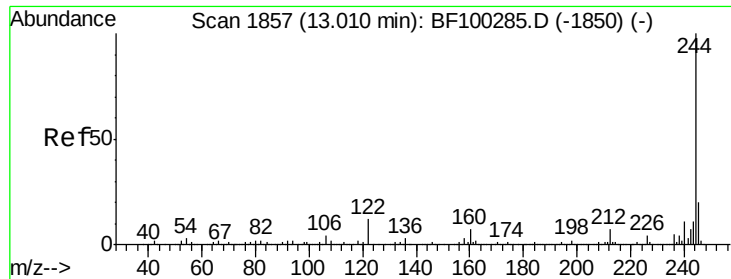
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100588.D
Acq: 15 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.2	20.7	31.1





#78

Terphenyl-d14

Concen: 38.322 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-110-3(5-10)

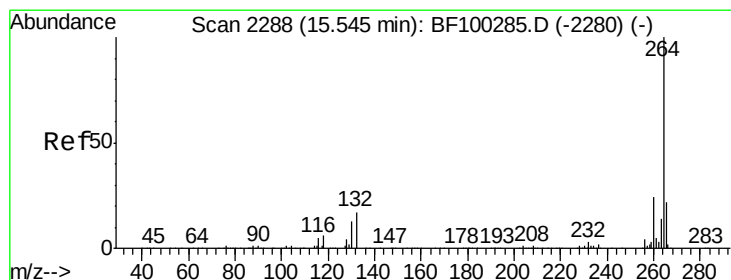
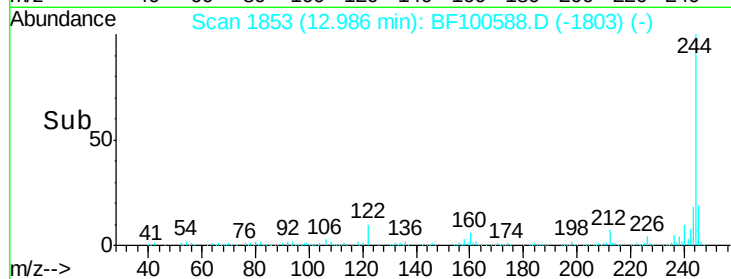
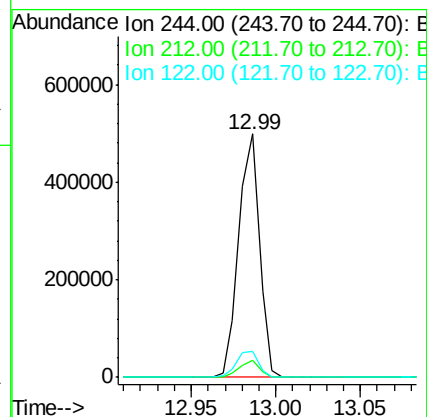
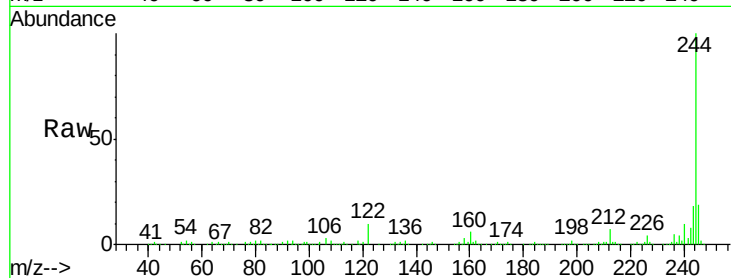
Tgt Ion:244 Resp: 426870

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.5 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100588.D

Acq: 15 Nov 2017 15:17

Tgt Ion:264 Resp: 268120

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 22.3 17.5 26.3

