

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100804.D
 Acq On : 22 Nov 2017 2:53
 Operator : SJ/JU
 Sample : I6466-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)

Quant Time: Nov 22 07:30:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

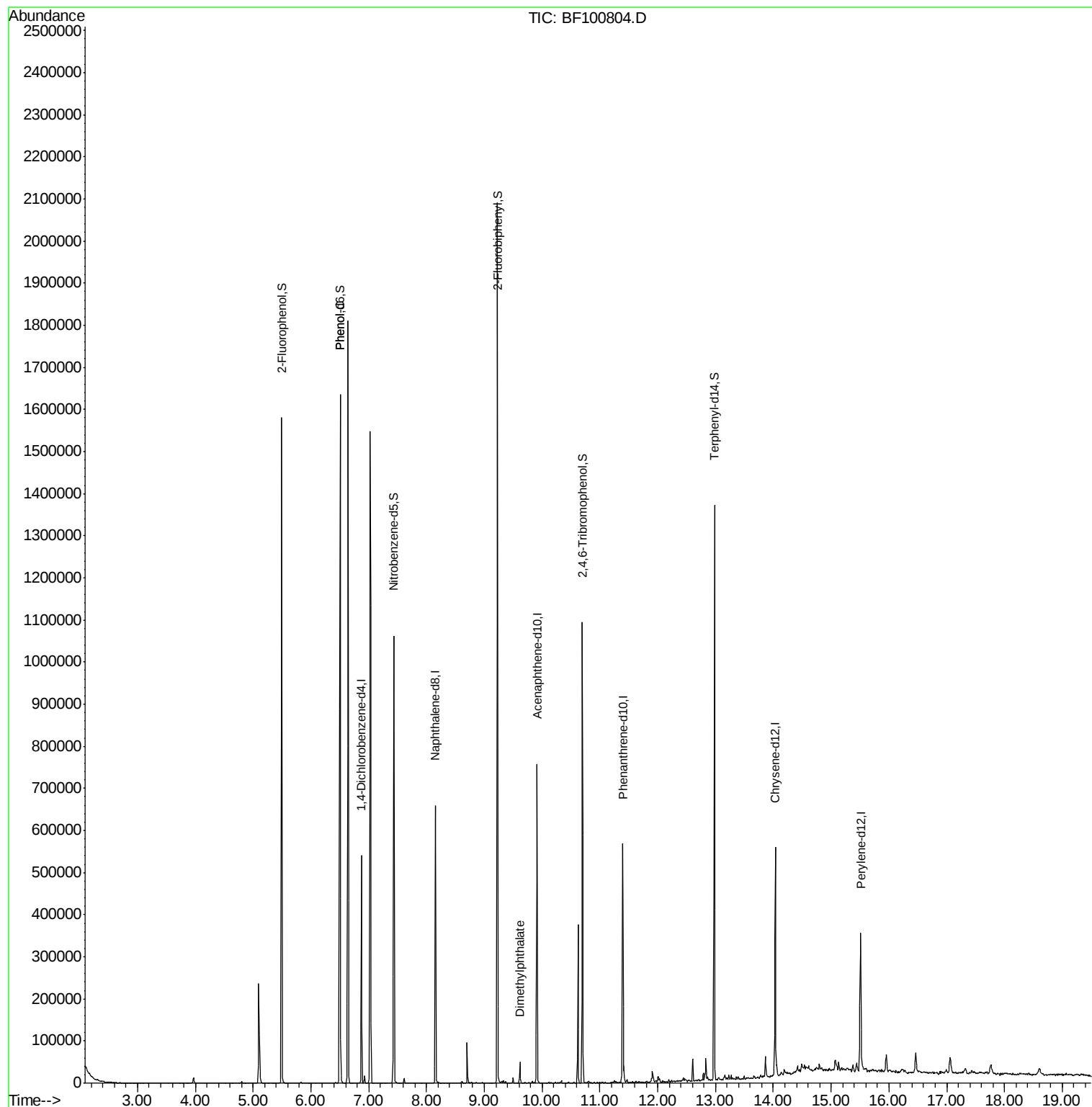
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82333	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	316176	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	139477	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	221173	20.00	ng	0.00
75) Chrysene-d12	14.03	240	167963	20.00	ng	-0.01
86) Perylene-d12	15.51	264	150325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	485992	94.62	ng	0.00
7) Phenol-d6	6.50	99	596042	94.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	364537	76.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	131409	92.46	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	688737	75.19	ng	-0.01
78) Terphenyl-d14	12.98	244	444855	60.86	ng	0.00
Target Compounds						
10) Phenol	6.51	94	30150	4.535	ng	86
49) Dimethylphthalate	9.62	163	22796	2.141	ng	100

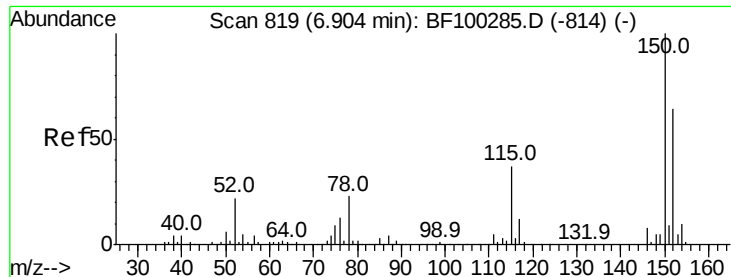
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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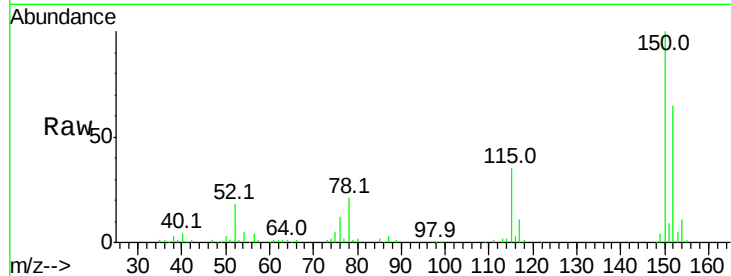


#1

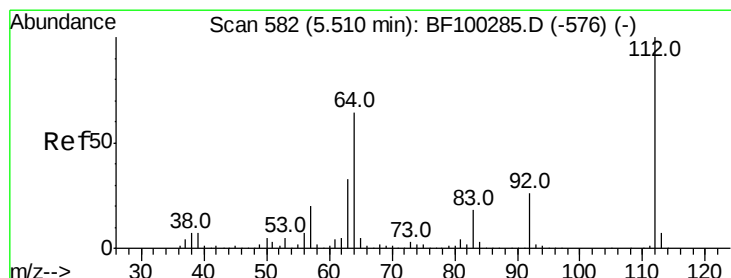
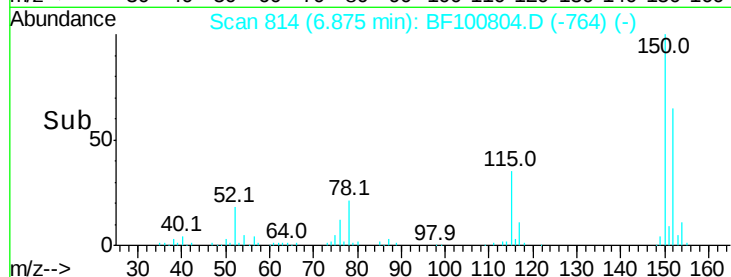
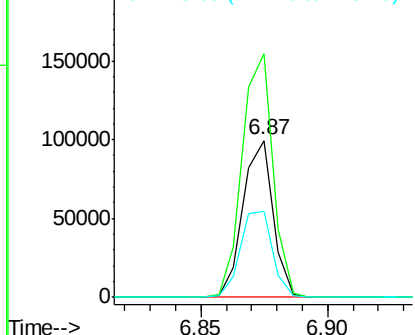
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)

Tot Ion:152 Resp: 82333
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 54.7 50.1 75.1



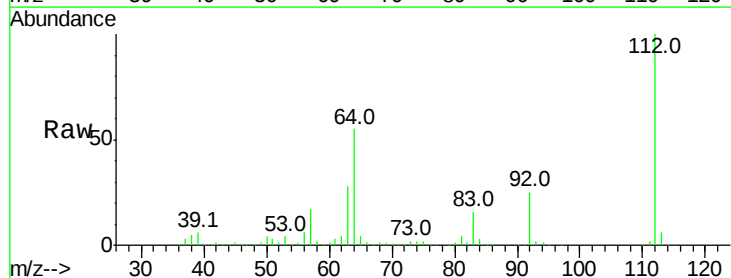
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



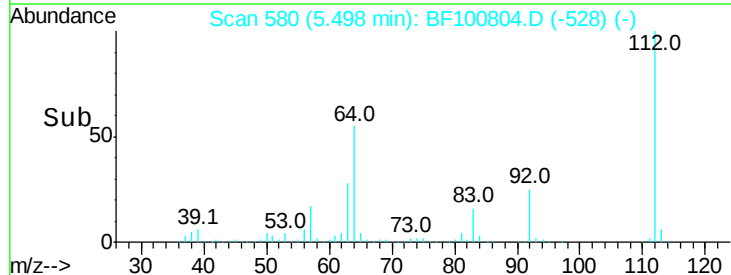
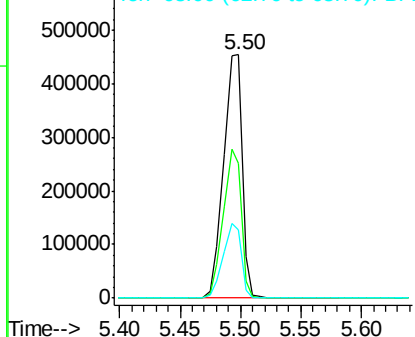
#5

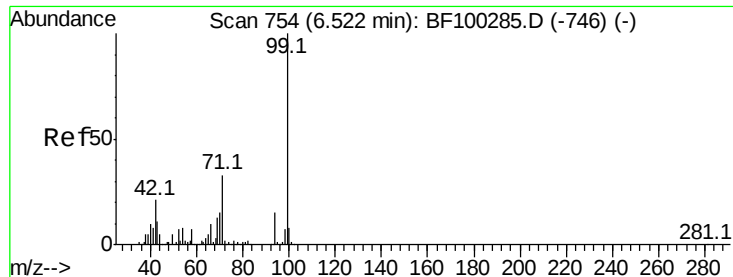
2-Fluorophenol
Concen: 94.621 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Tgt Ion:112 Resp: 485992
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.107 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100804.D

Acq: 22 Nov 2017 2:53

Instrument :

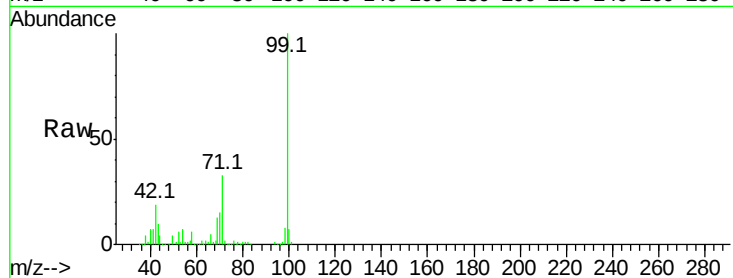
BNA_F

ClientSampleId :

CHAP-2-E(4-5)

Tot Ion: 99 Resp: 596042

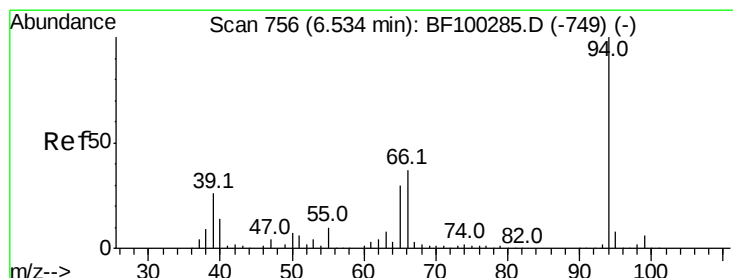
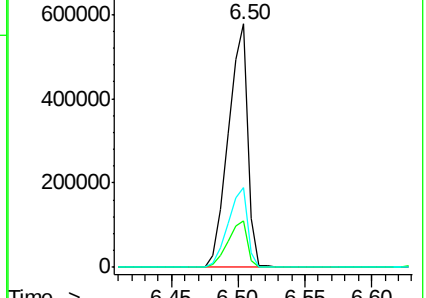
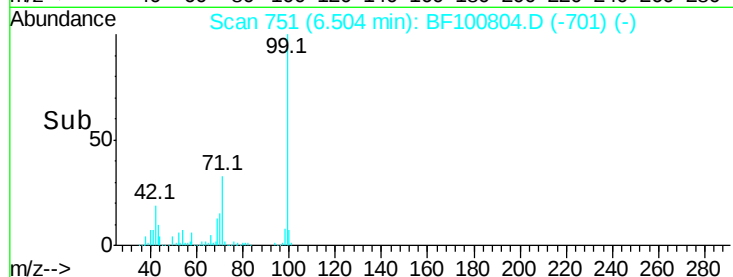
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.535 ng

RT: 6.51 min Scan# 752

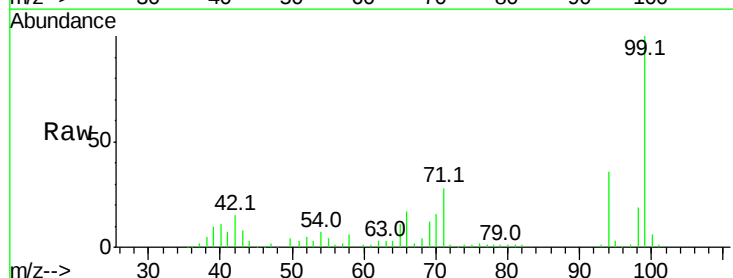
Delta R.T. -0.01 min

Lab File: BF100804.D

Acq: 22 Nov 2017 2:53

Tgt Ion: 94 Resp: 30150

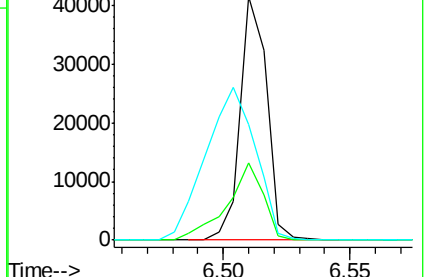
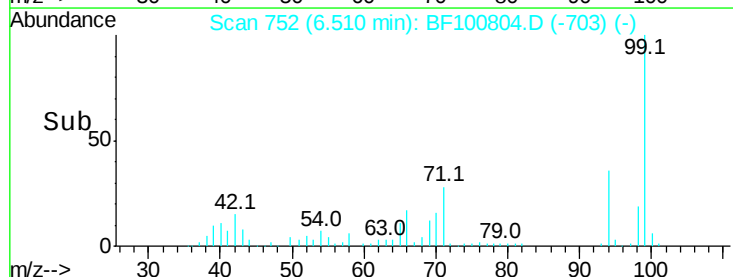
Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	47.5	16.2	56.2

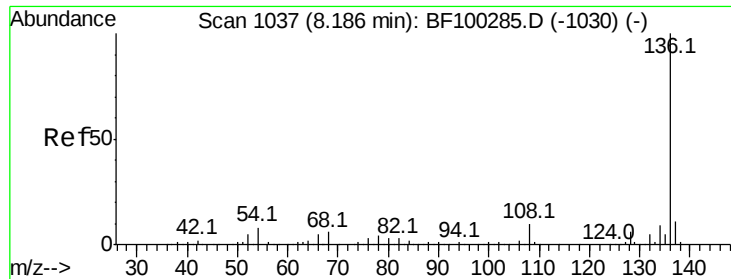


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

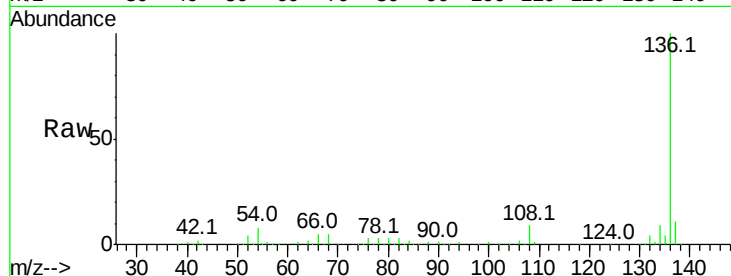




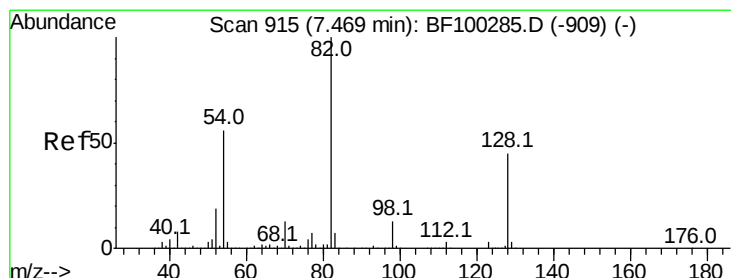
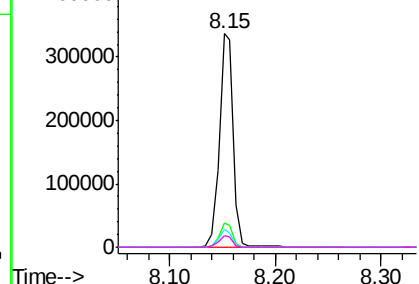
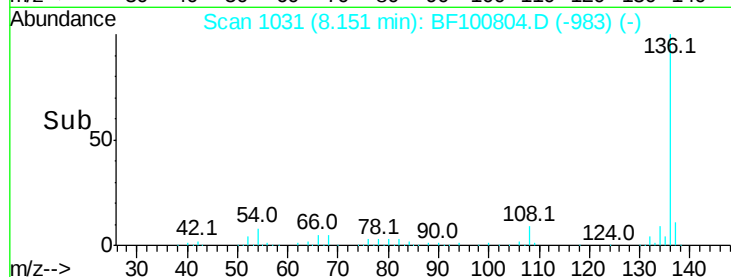
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)

Tot Ion:	136	Resp:	316176
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	5.4	5.0	7.4

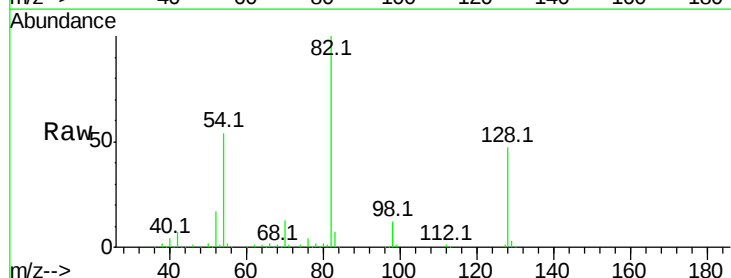


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

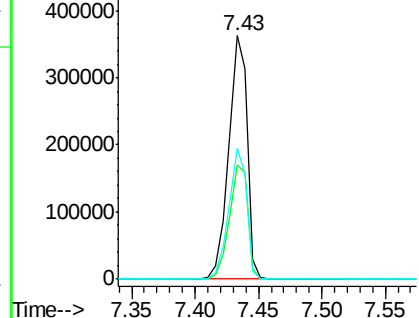
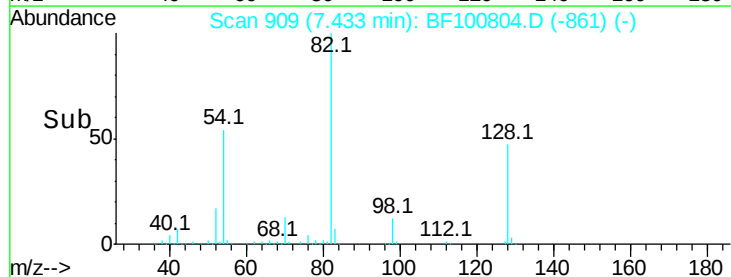


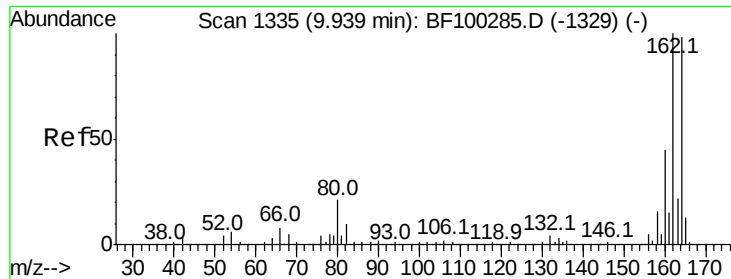
#23
Nitrobenzene-d5
Concen: 76.226 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Tgt Ion:	82	Resp:	364537
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	53.6	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

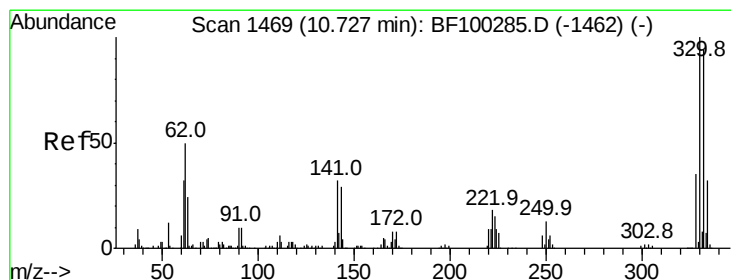
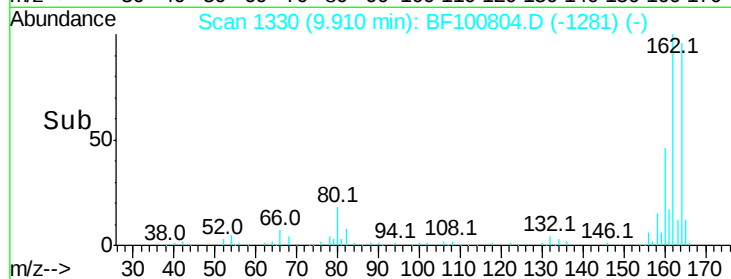
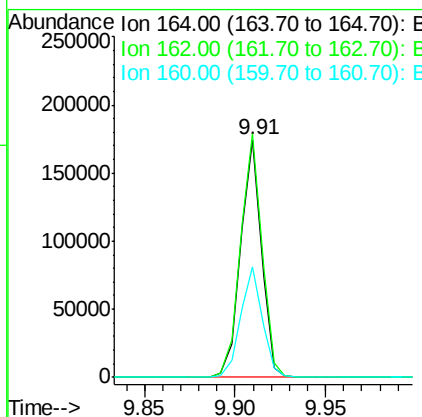
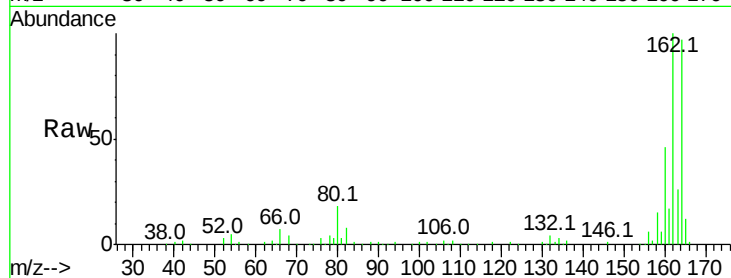




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100804.D
 Acq: 22 Nov 2017 2:53

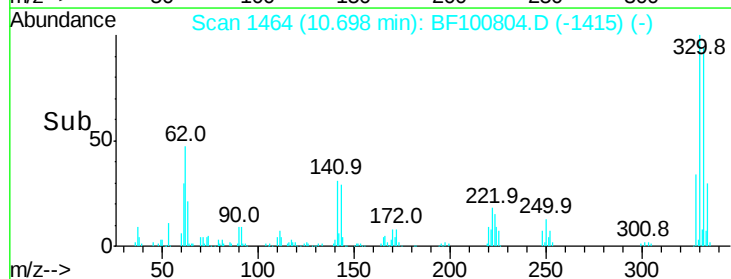
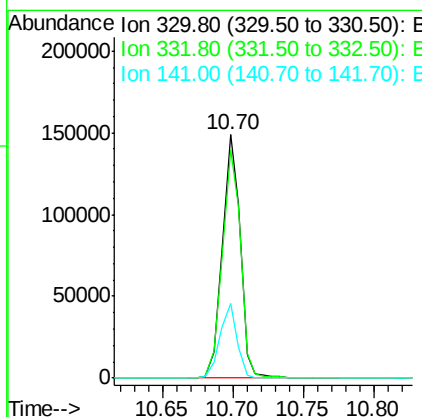
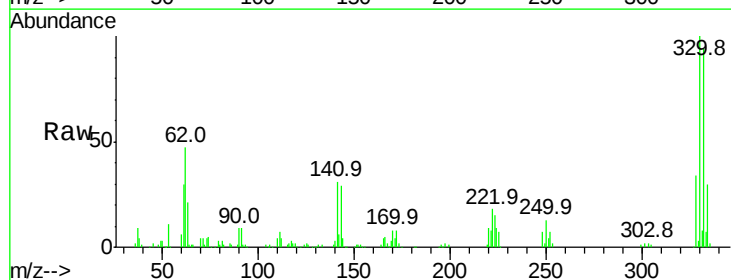
Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)

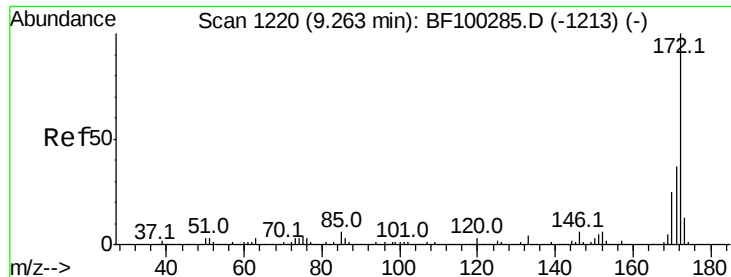
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.459 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100804.D
 Acq: 22 Nov 2017 2:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.4	29.9	44.9#

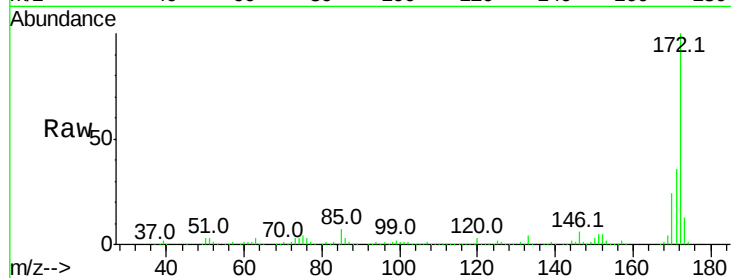




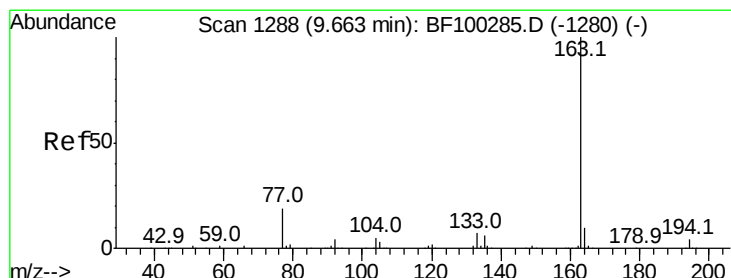
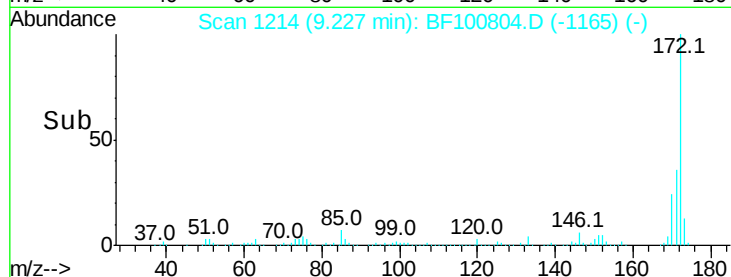
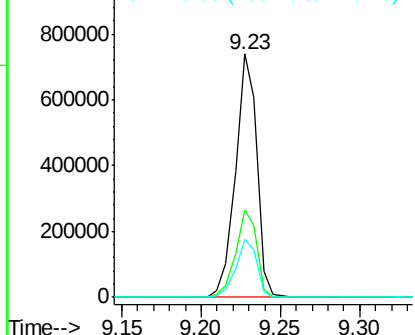
#44
2-Fluorobiphenyl
Concen: 75.191 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

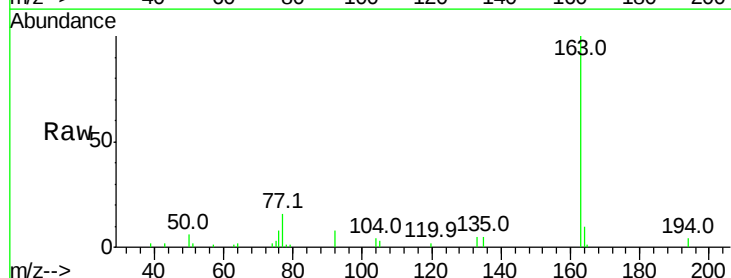


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

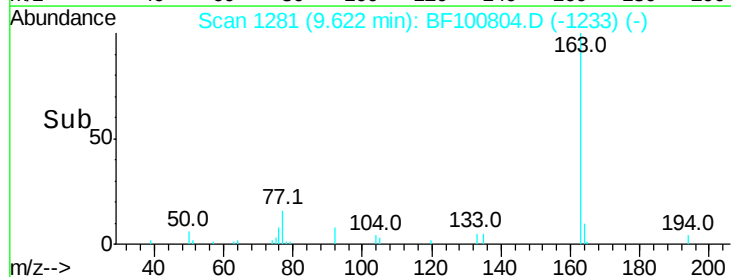
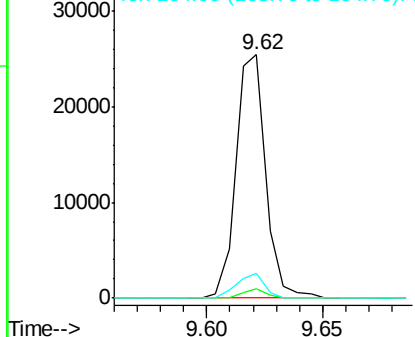


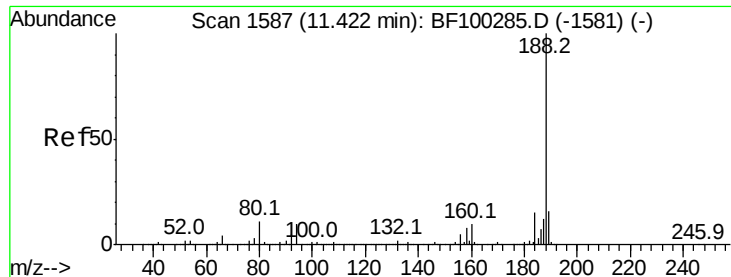
#49
Dimethylphthalate
Concen: 2.141 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100804.D
Acq: 22 Nov 2017 2:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	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# 1583

Delta R.T. -0.01 min

Lab File: BF100804.D

Acq: 22 Nov 2017 2:53

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(4-5)

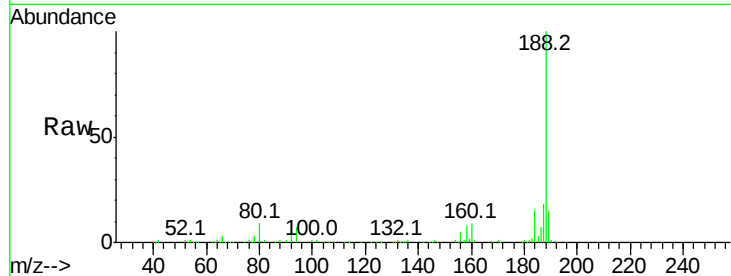
Tot Ion:188 Resp: 221173

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

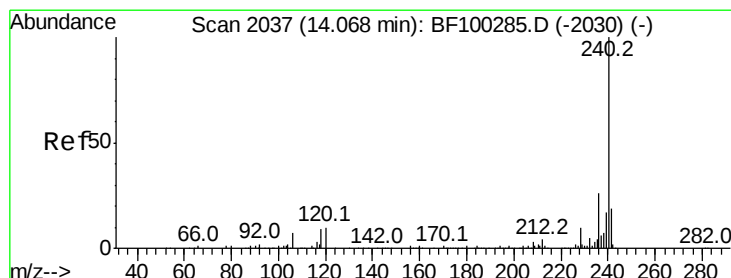
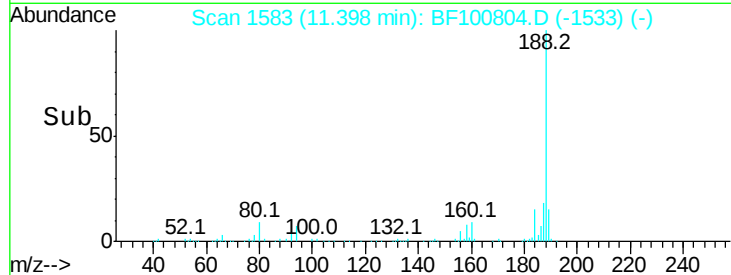
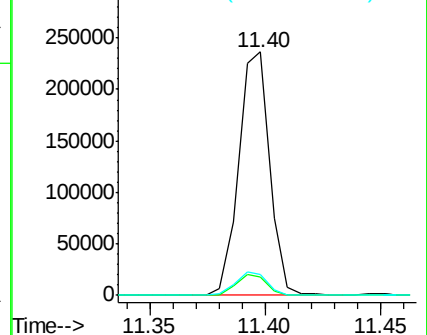
80 8.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100804.D

Acq: 22 Nov 2017 2:53

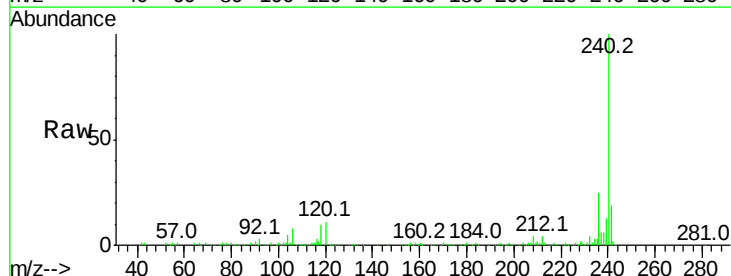
Tgt Ion:240 Resp: 167963

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

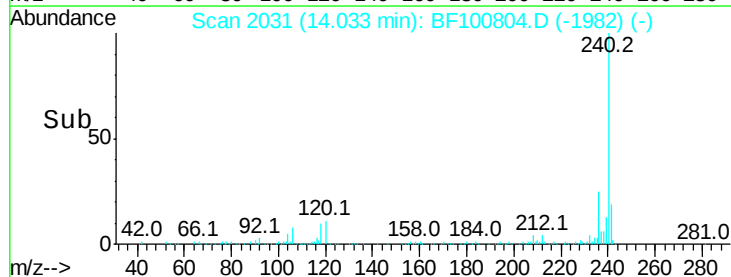
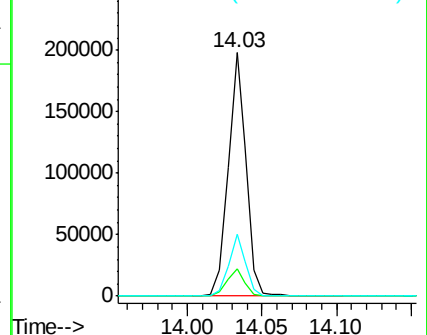
236 25.4 20.7 31.1

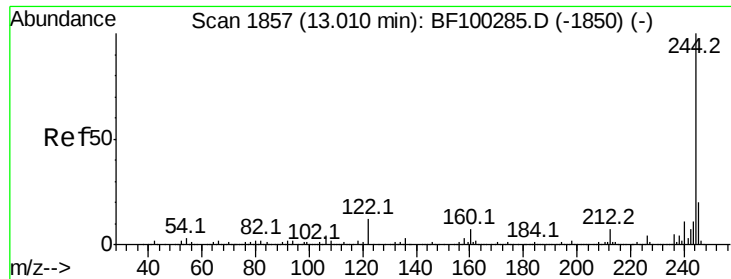


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

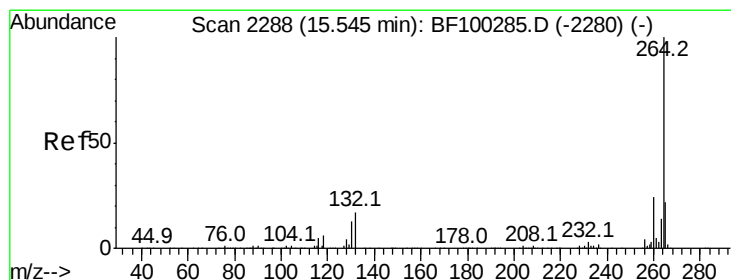
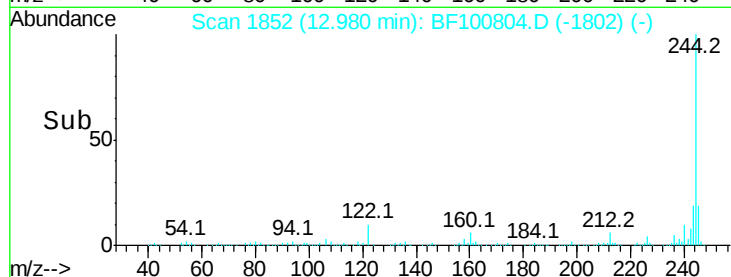
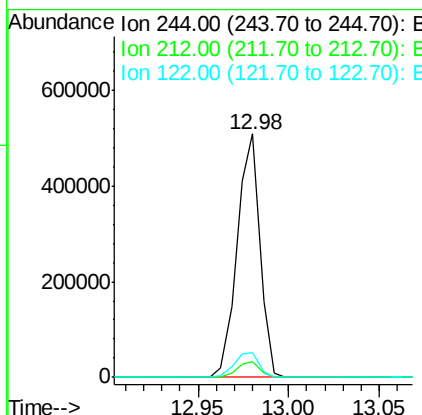
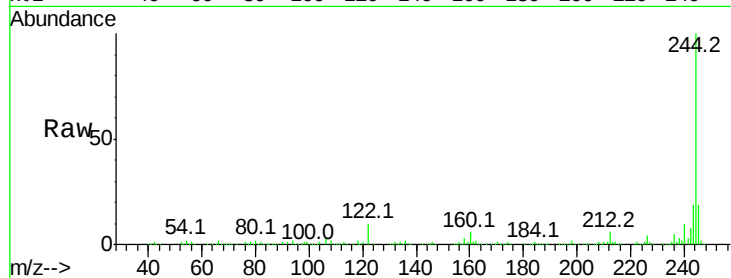




#78
 Terphenyl-d14
 Concen: 60.855 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100804.D
 Acq: 22 Nov 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(4-5)

Tot Ion:244 Resp: 444855
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100804.D
 Acq: 22 Nov 2017 2:53

Tgt Ion:264 Resp: 150325
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.1 17.5 26.3

