

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111626.D
 Acq On : 20 Dec 2018 8:16
 Operator : JU/SJ
 Sample : J6465-03 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 10:05:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

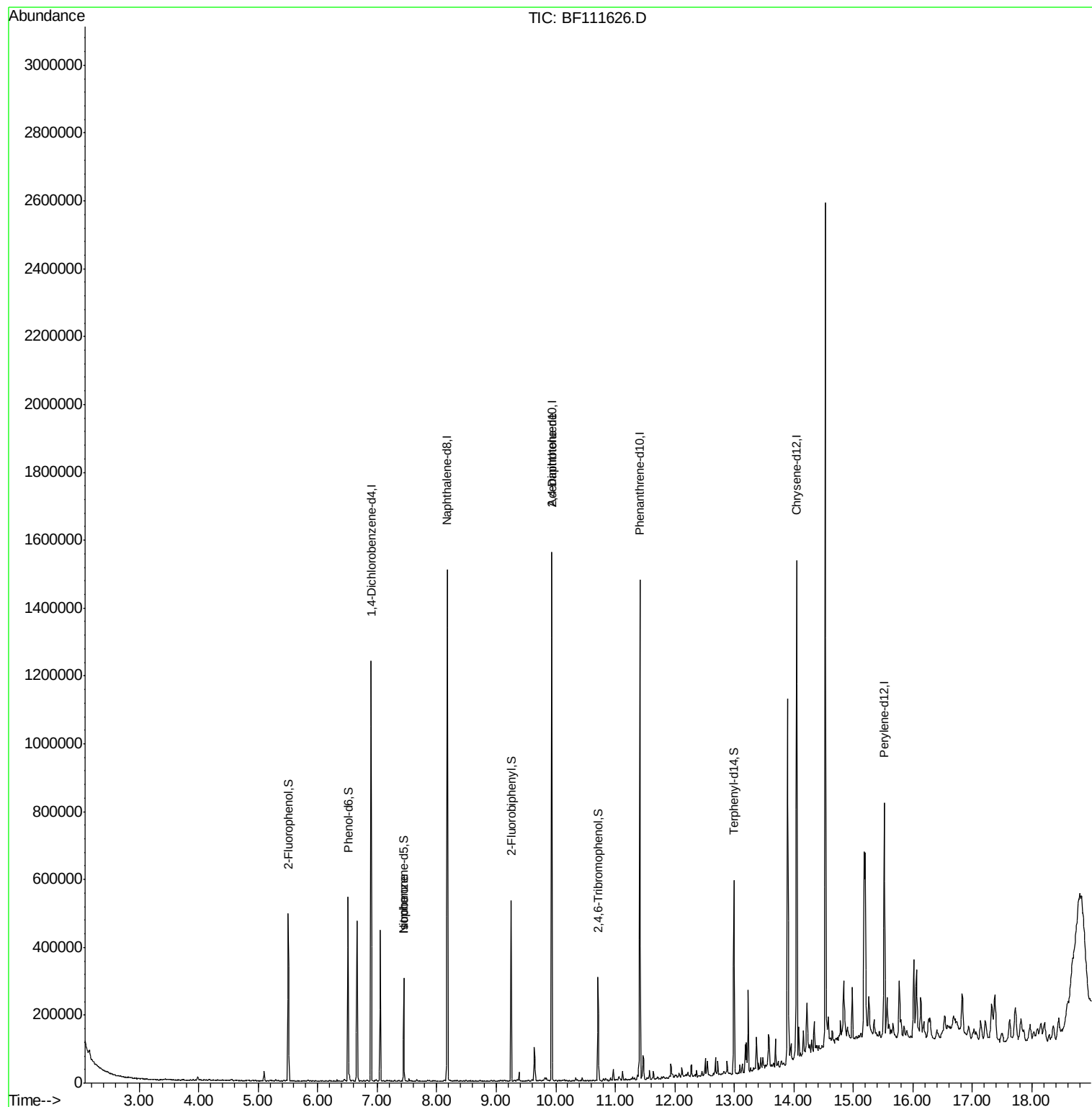
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	174668	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	628599	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	297793	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	528388	20.00	ng	0.00
76) Chrysene-d12	14.04	240	486901	20.00	ng	0.00
87) Perylene-d12	15.52	264	321644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	115029	11.23	ng	-0.01
7) Phenol-d6	6.51	99	146345	11.22	ng	-0.01
23) Nitrobenzene-d5	7.45	82	76712	7.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	33945	9.65	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	164878	8.07	ng	0.00
79) Terphenyl-d14	12.99	244	170916	6.66	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	76710	4.001	ng	# 64
57) 2,4-Dinitrotoluene	9.93	165	37362	7.159	ng	# 25

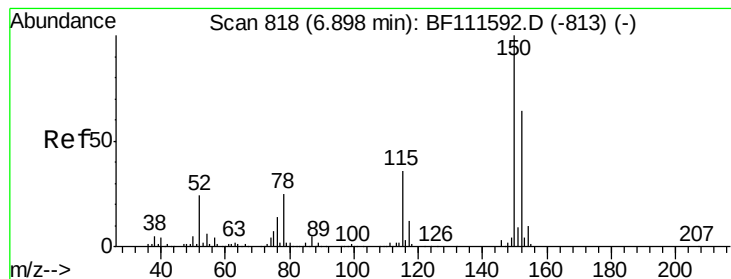
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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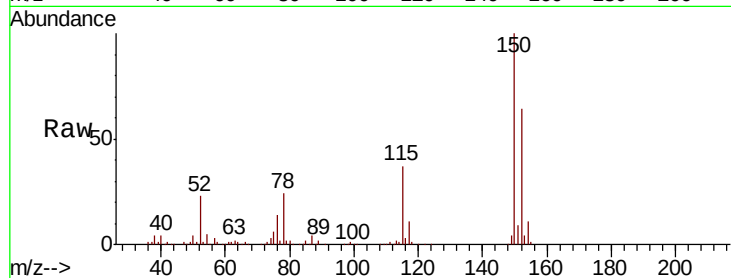


#1

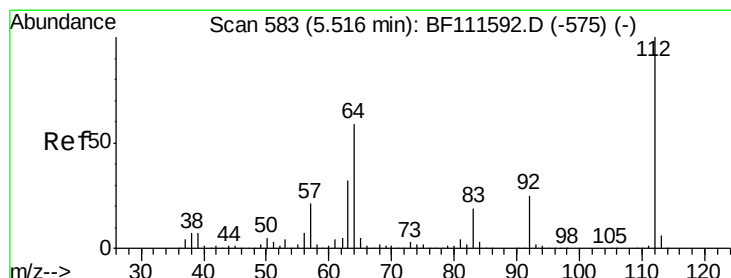
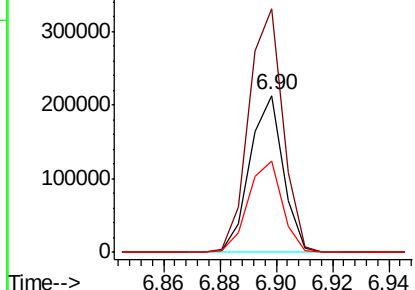
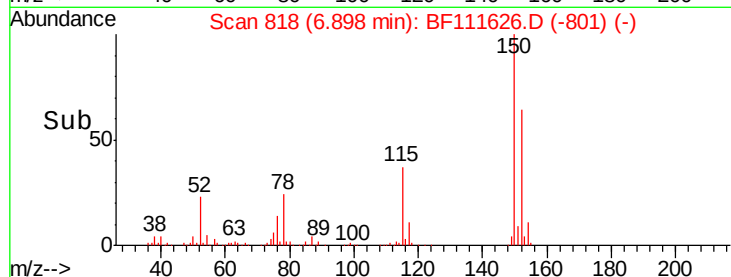
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 174668
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 58.1 50.7 76.1



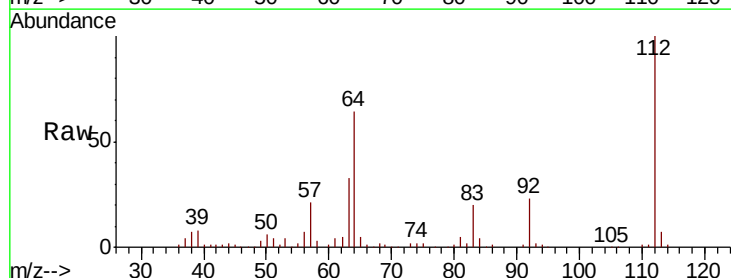
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



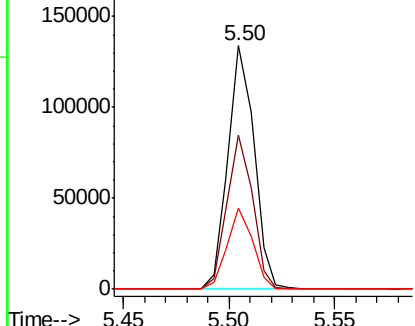
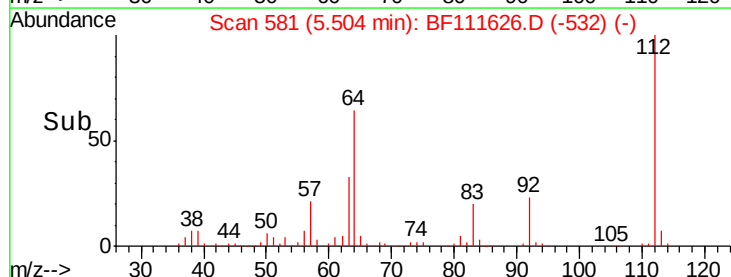
#5

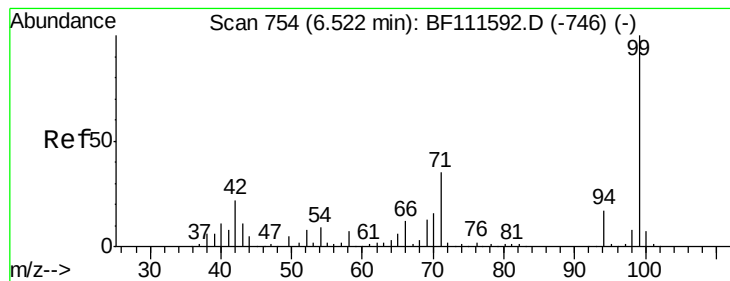
2-Fluorophenol
Concen: 11.225 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

Tgt Ion:112 Resp: 115029
Ion Ratio Lower Upper
112 100
64 63.5 51.8 77.6
63 33.2 26.8 40.2



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: 11.222 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111626.D

Acq: 20 Dec 2018 8:16

Instrument :

BNA_F

ClientSampled :

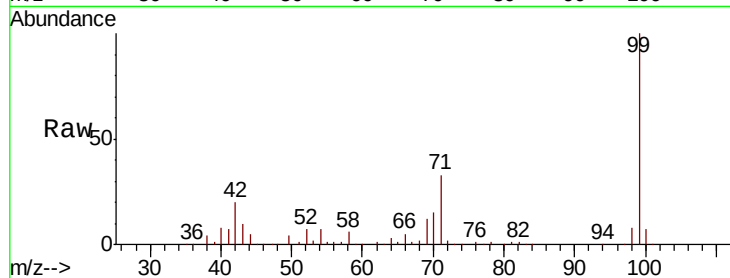
Tot Ion: 99 Resp: 146345

Ion Ratio Lower Upper

99 100

42 20.2 17.4 26.0

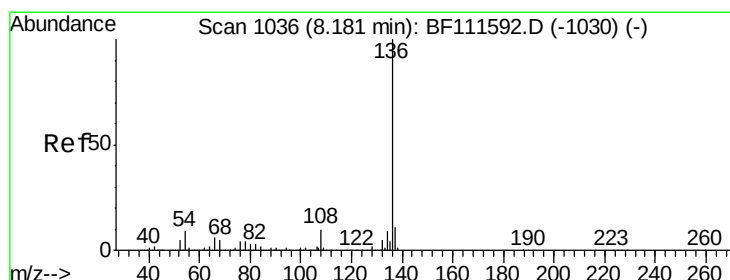
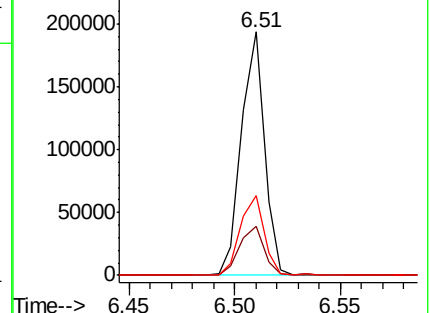
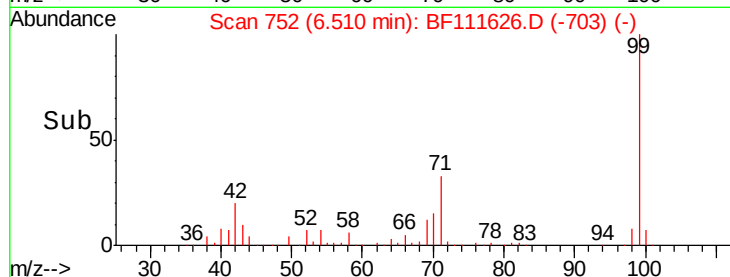
71 32.6 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111626.D

Acq: 20 Dec 2018 8:16

Tgt Ion: 136 Resp: 628599

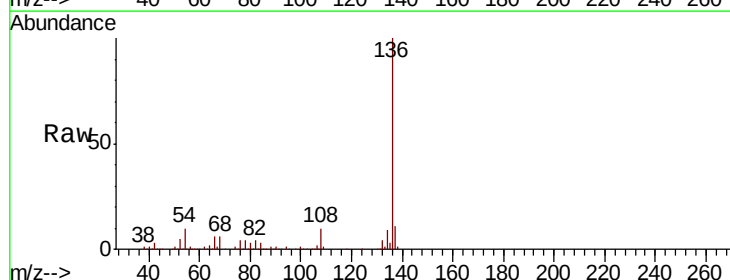
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

68 6.2 4.9 7.3

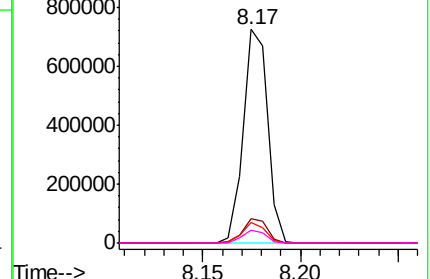
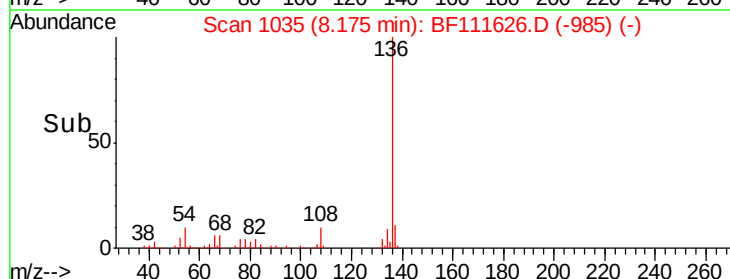


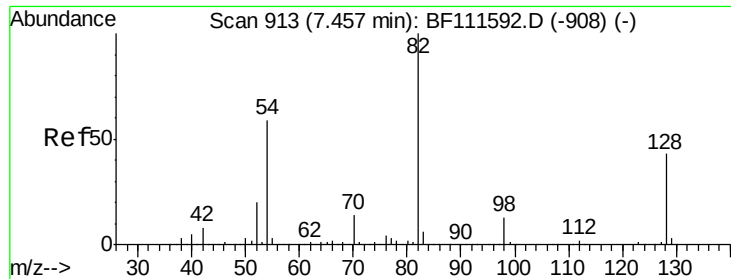
Abundance Ion 136.00 (135.70 to 136.70): E

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

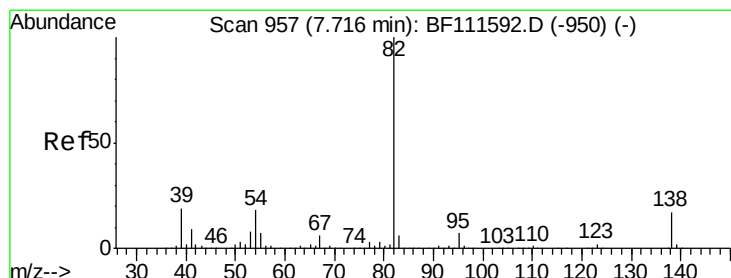
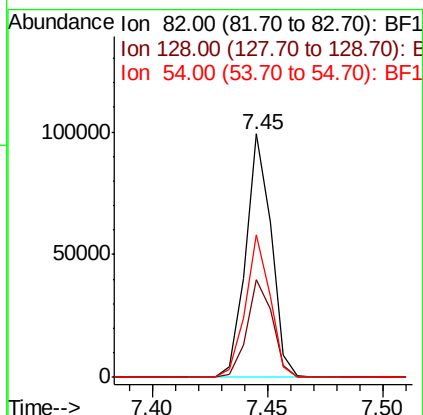
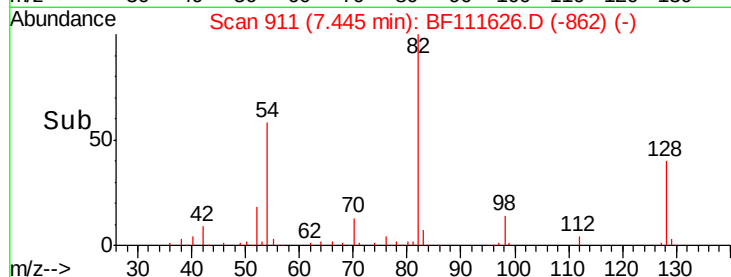
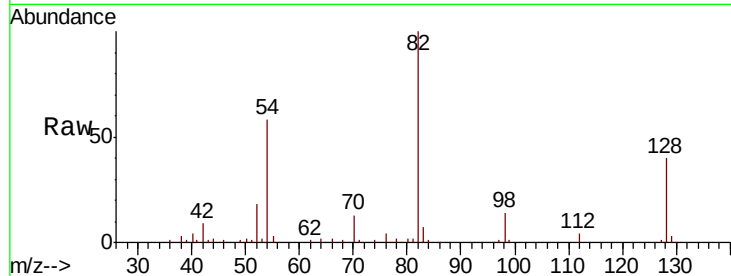




#23
Nitrobenzene-d5
Concen: 7.103 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

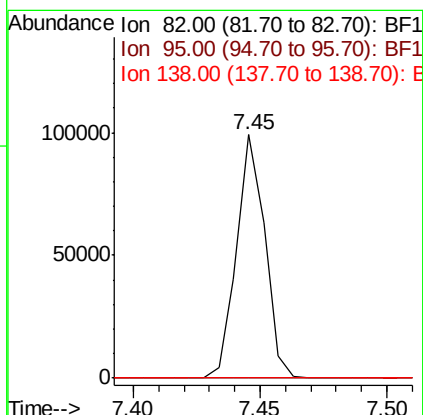
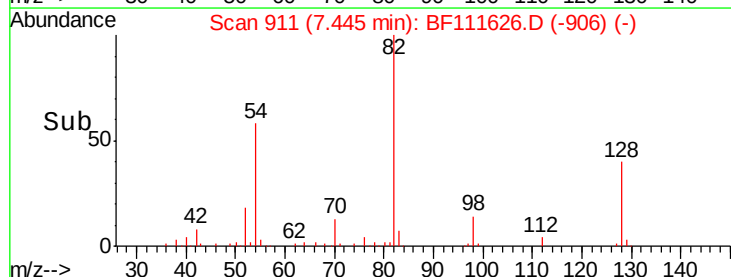
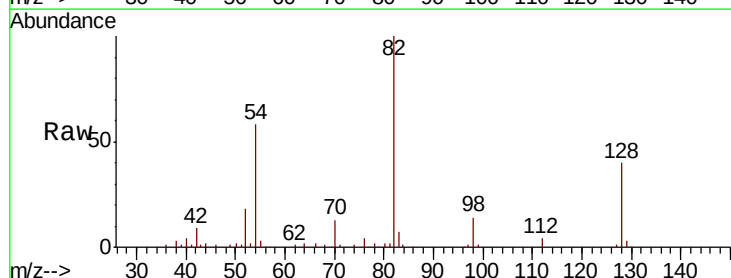
Instrument :
BNA_F
ClientSampleId :

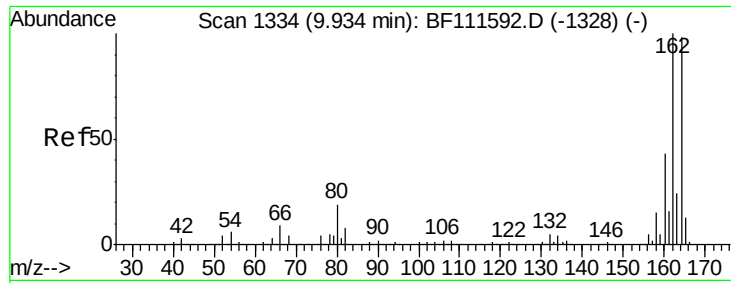
Tot Ion: 82 Resp: 76712
Ion Ratio Lower Upper
82 100
128 39.9 37.4 56.2
54 58.4 47.6 71.4



#25
Isophorone
Concen: 4.001 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

Tgt Ion: 82 Resp: 76710
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

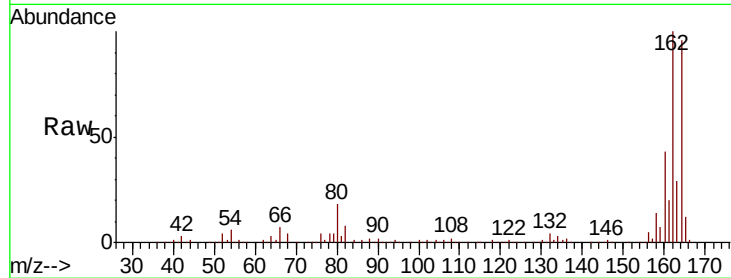




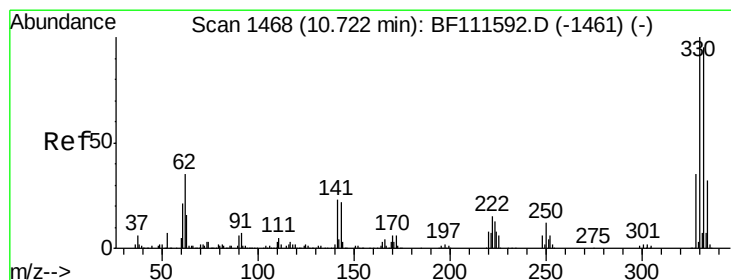
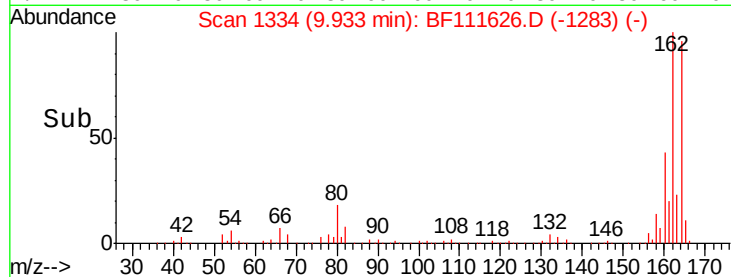
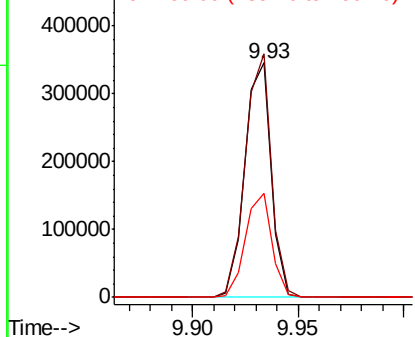
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111626.D
 Acq: 20 Dec 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 297793
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.4 122.0
 160 44.2 35.7 53.5

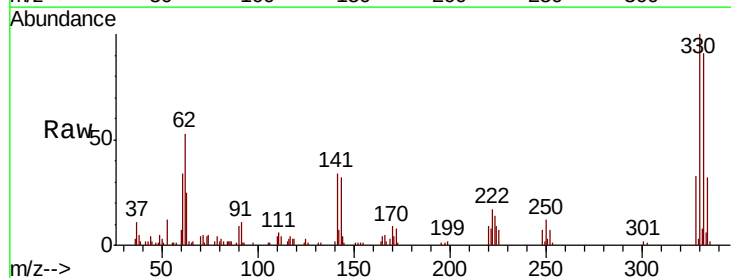


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

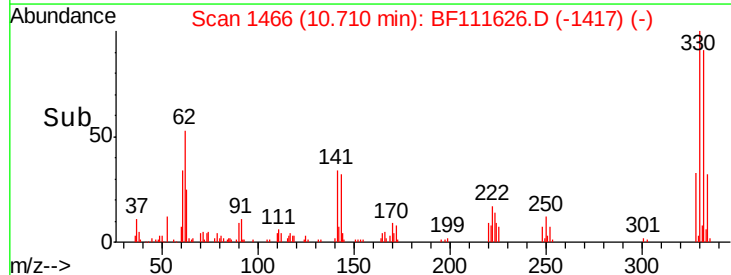
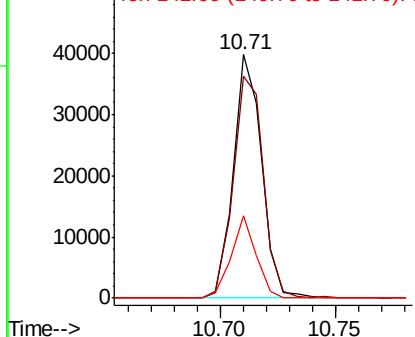


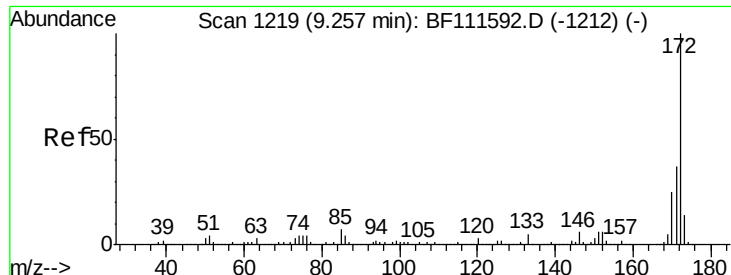
#42
 2,4,6-Tribromophenol
 Concen: 9.647 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111626.D
 Acq: 20 Dec 2018 8:16

Tgt Ion:330 Resp: 33945
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 29.6 31.0 46.6#



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

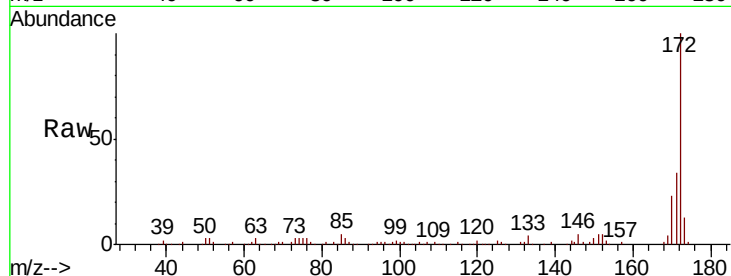




#45
2-Fluorobiphenyl
Concen: 8.070 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	33.0	49.4
170	22.8	22.3	33.5

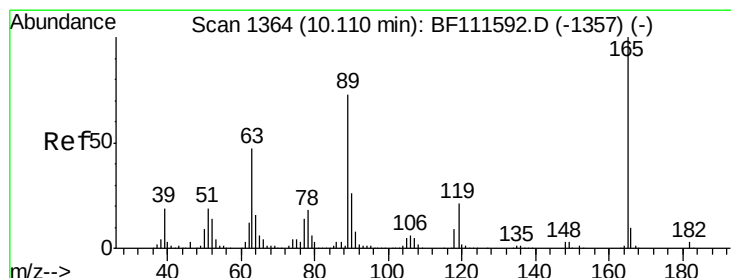
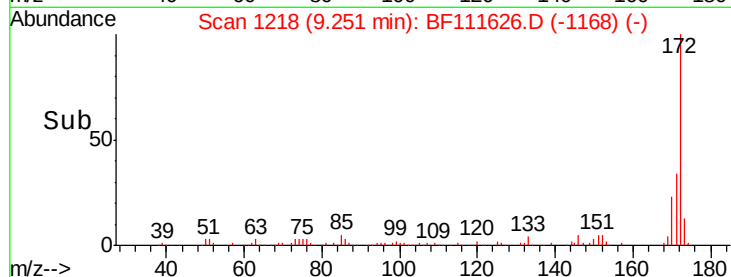
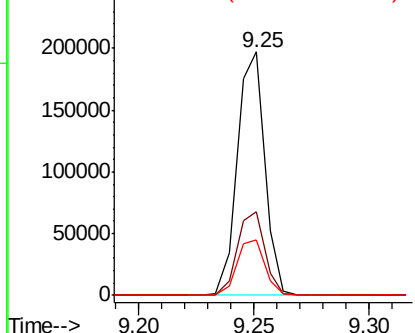


Abundance

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



#57
2,4-Dinitrotoluene
Concen: 7.159 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111626.D
Acq: 20 Dec 2018 8:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	2.2	56.2	84.4#
182	0.0	1.8	2.6#

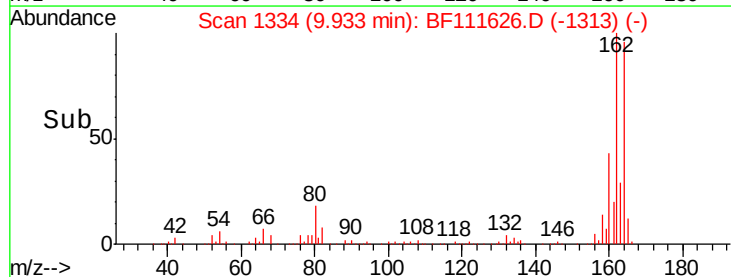
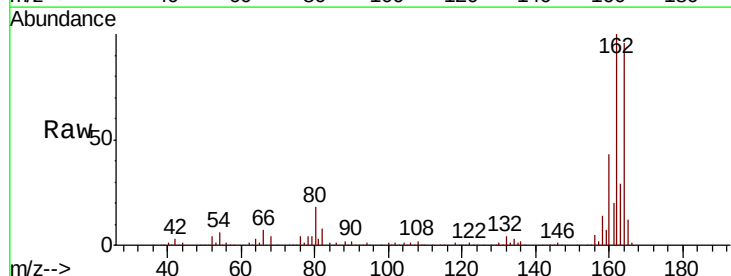
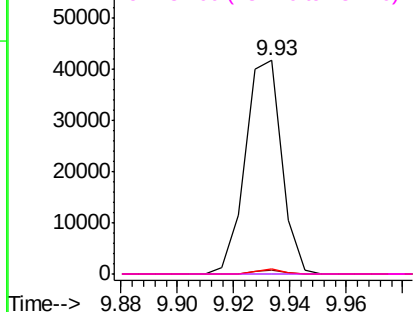
Abundance

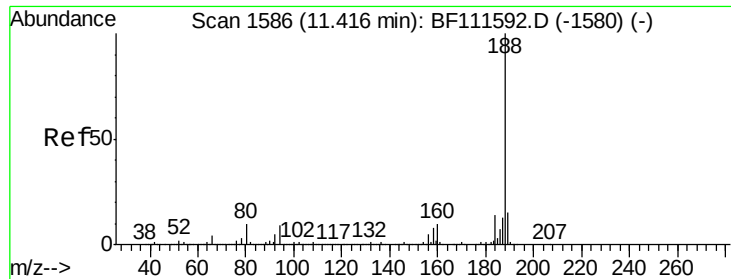
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111626.D

Acq: 20 Dec 2018 8:16

Instrument :

BNA_F

ClientSampleId :

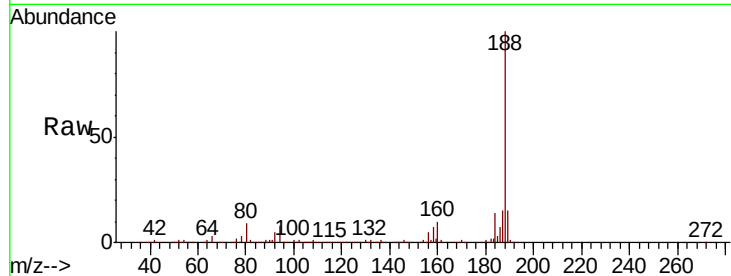
Tot Ion:188 Resp: 528388

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

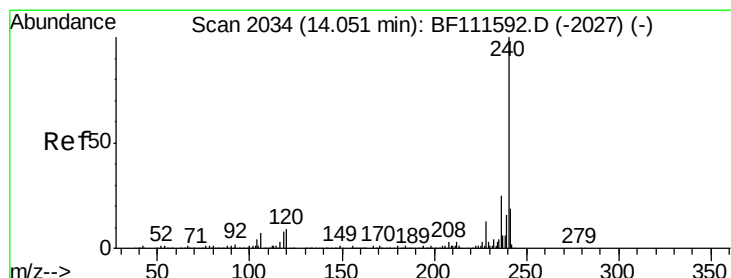
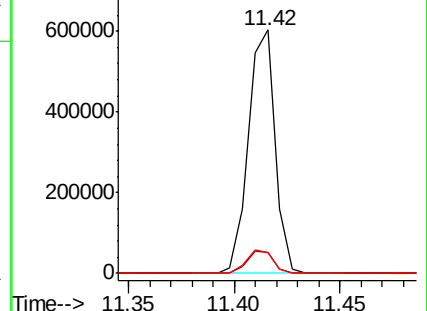
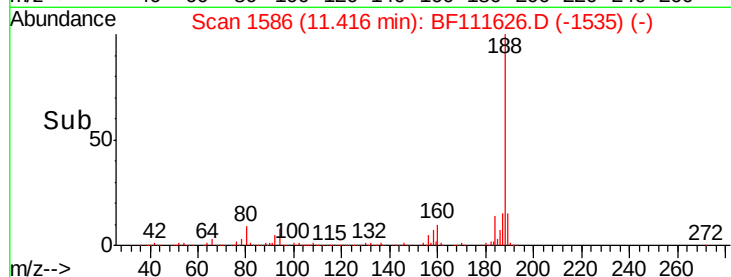
80 8.5 9.8 14.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111626.D

Acq: 20 Dec 2018 8:16

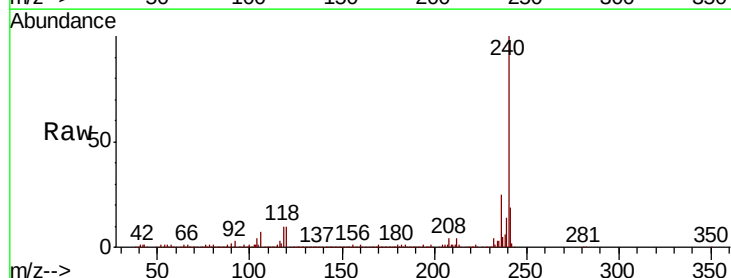
Tgt Ion:240 Resp: 486901

Ion Ratio Lower Upper

240 100

120 10.2 12.2 18.2#

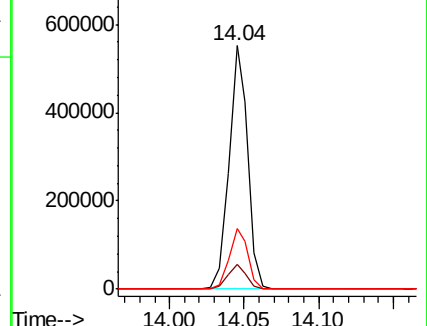
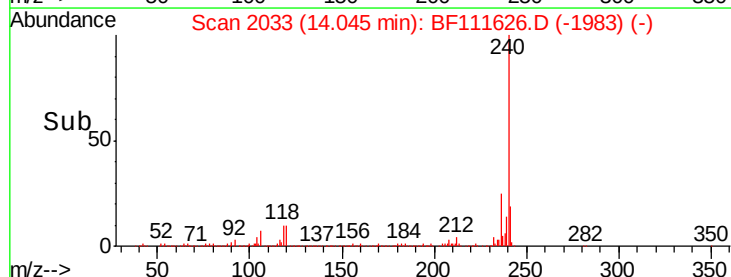
236 24.8 20.2 30.2

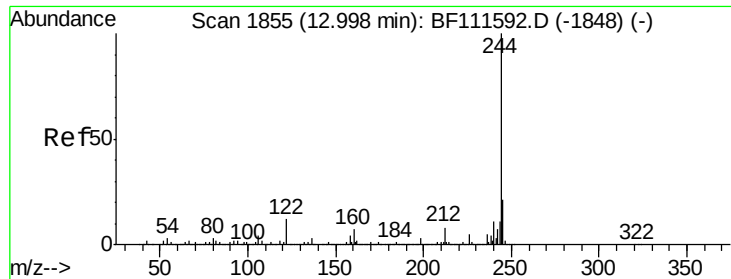


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

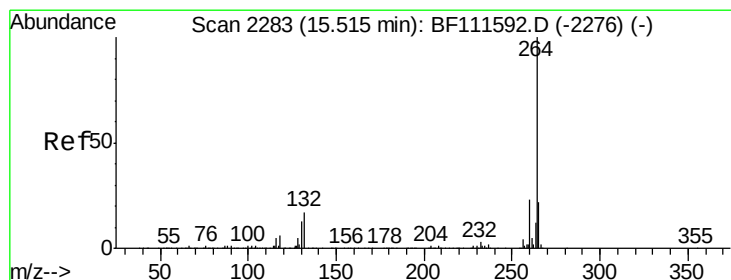
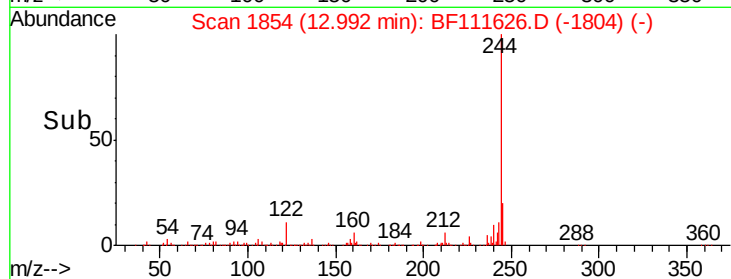
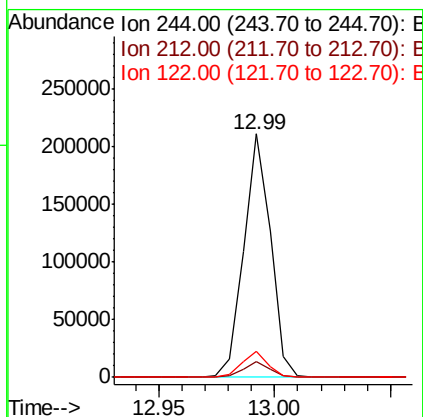
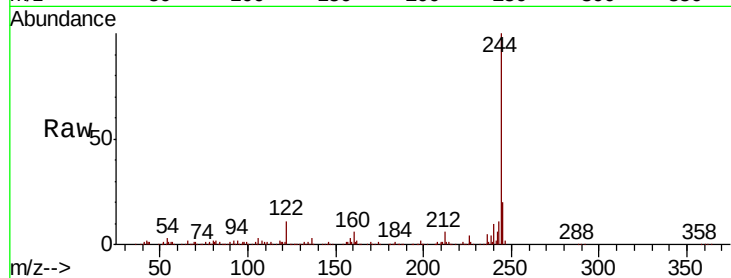




#79
 Terphenyl-d14
 Concen: 6.657 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111626.D
 Acq: 20 Dec 2018 8:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.7	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF111626.D
 Acq: 20 Dec 2018 8:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.4	17.7	26.5

