

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112128.D
 Acq On : 18 Jan 2019 17:00
 Operator : JU/SJ
 Sample : K1173-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Quant Time: Jan 18 23:53:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

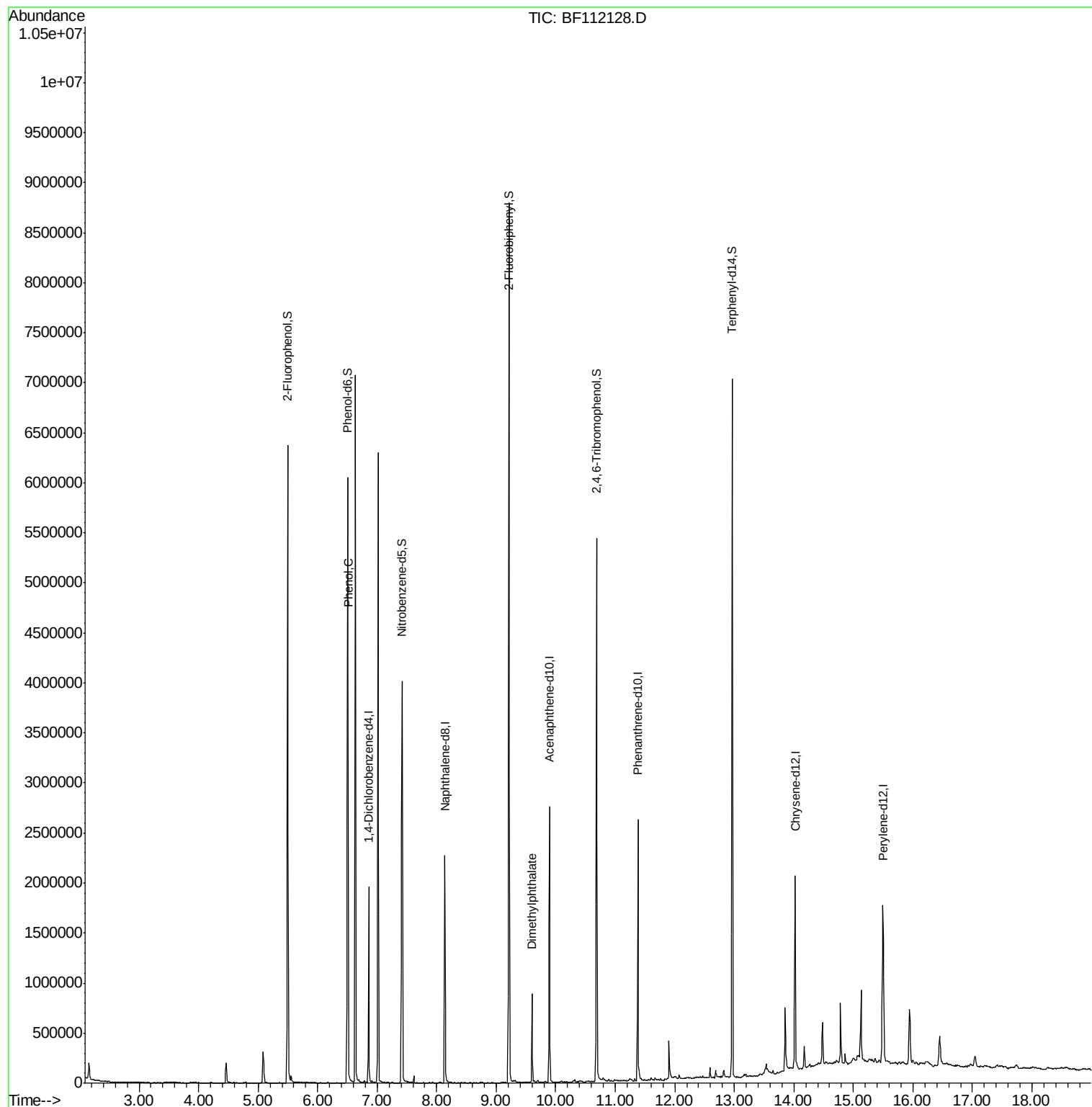
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282687	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1074394	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	529043	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	949973	20.00	ng	0.00
76) Chrysene-d12	14.02	240	634923	20.00	ng	0.00
87) Perylene-d12	15.49	264	655577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1859759	119.41	ng	0.00
7) Phenol-d6	6.50	99	2360001	121.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	1523333	97.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	742121	130.03	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2822245	78.21	ng	0.00
79) Terphenyl-d14	12.96	244	2496899	83.66	ng	0.00
Target Compounds						
10) Phenol	6.52	94	67552	3.172	ng	Qvalue # 72
50) Dimethylphthalate	9.60	163	356283	9.234	ng	98

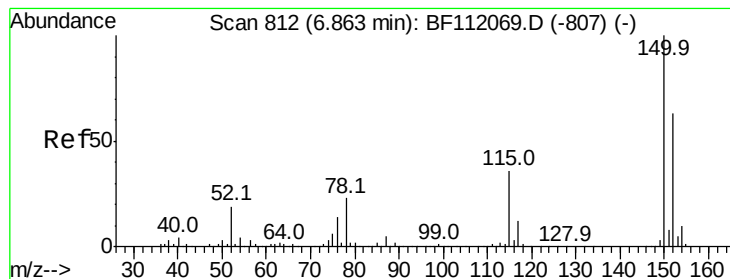
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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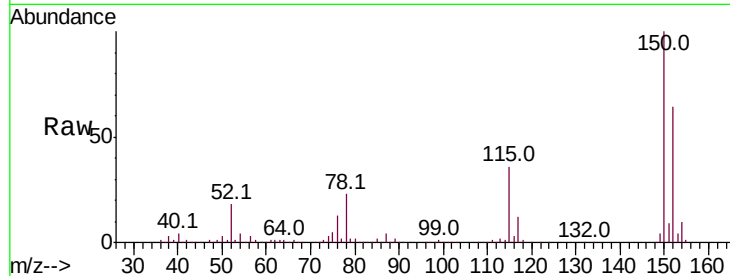


#1

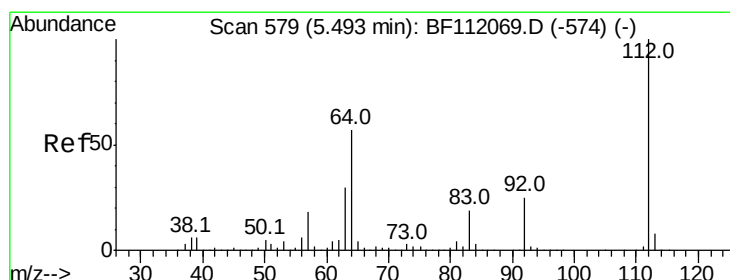
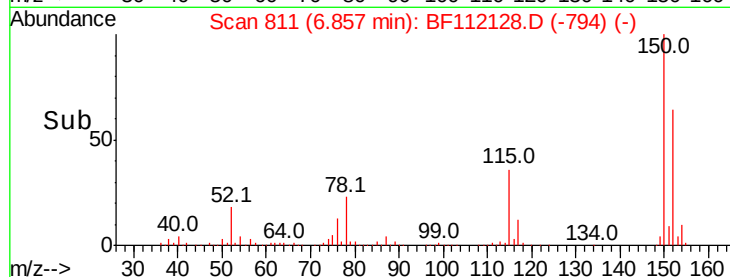
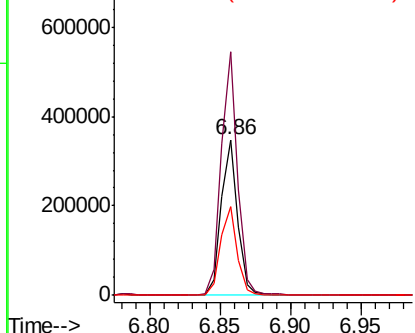
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampled :
RT-3425

Tot Ion:152 Resp: 282687
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 56.9 45.5 68.3



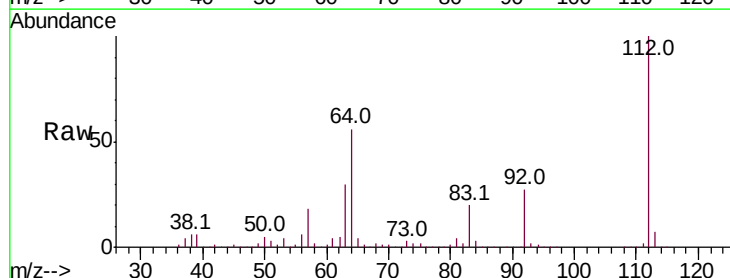
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



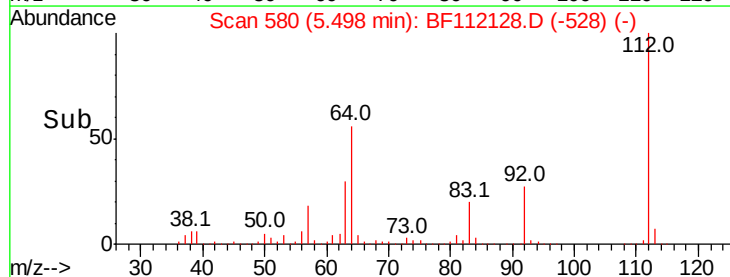
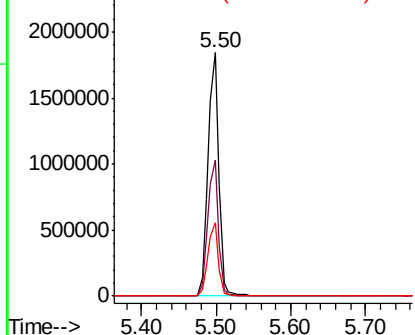
#5

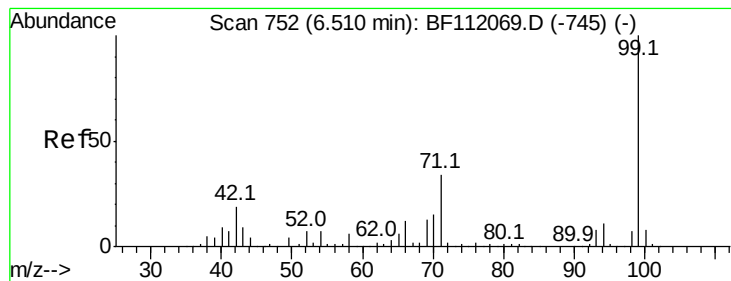
2-Fluorophenol
Concen: 119.409 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:112 Resp: 1859759
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.0 23.6 35.4



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: 121.110 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112128.D

Acq: 18 Jan 2019 17:00

Instrument :

BNA_F

ClientSampled :

RT-3425

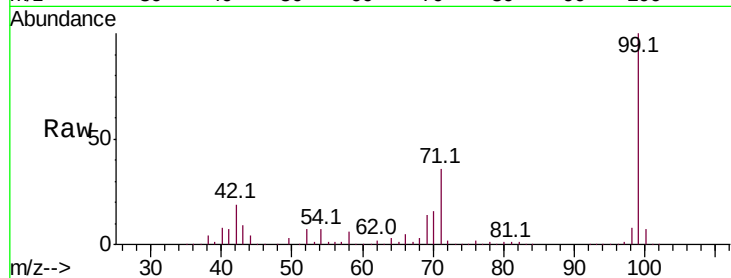
Tot Ion: 99 Resp: 2360001

Ion Ratio Lower Upper

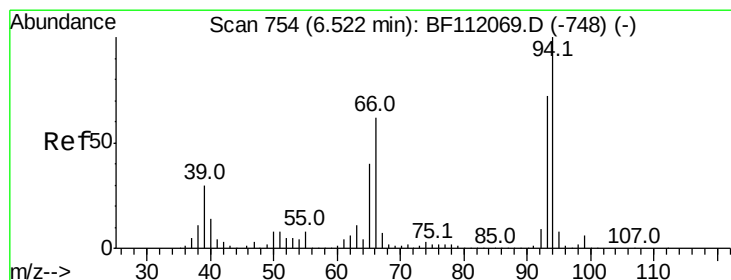
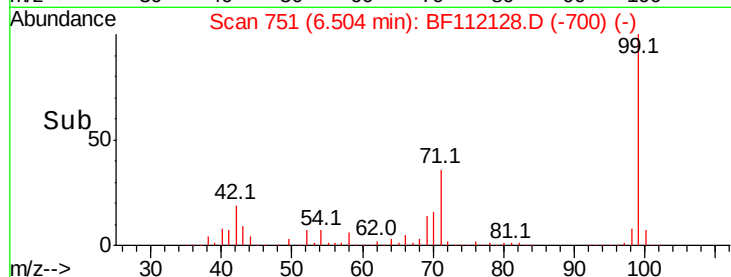
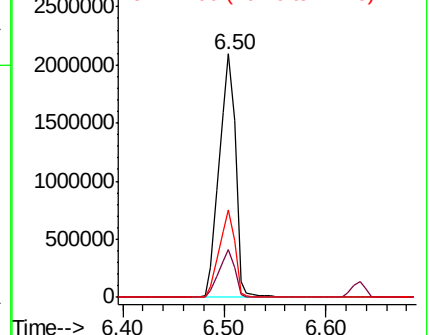
99 100

42 19.5 15.1 22.7

71 36.0 26.9 40.3



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: 3.172 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112128.D

Acq: 18 Jan 2019 17:00

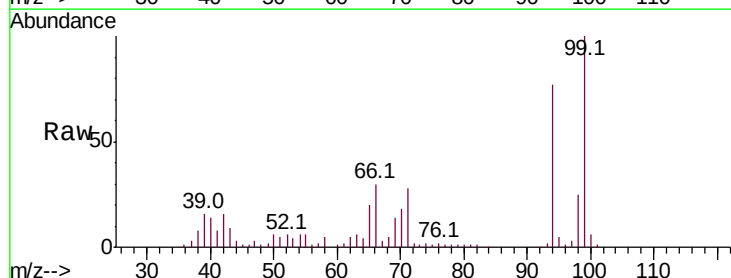
Tgt Ion: 94 Resp: 67552

Ion Ratio Lower Upper

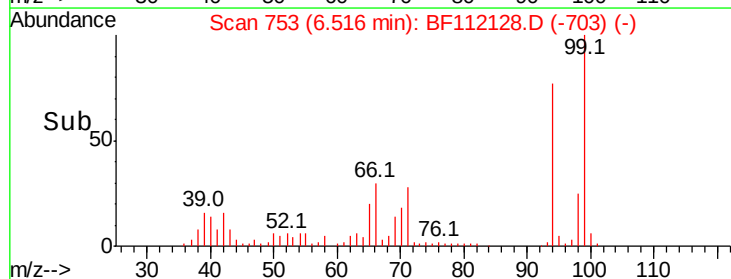
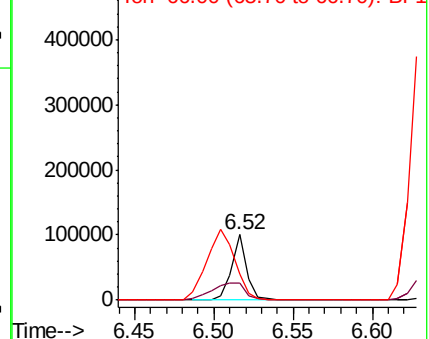
94 100

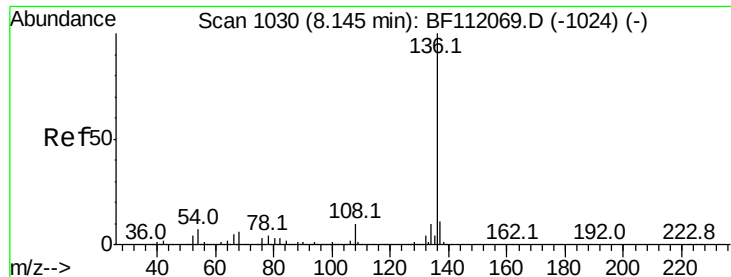
65 25.8 20.3 60.3

66 38.8 42.4 82.4#



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

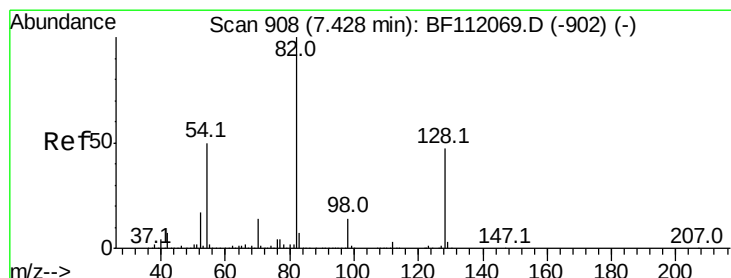
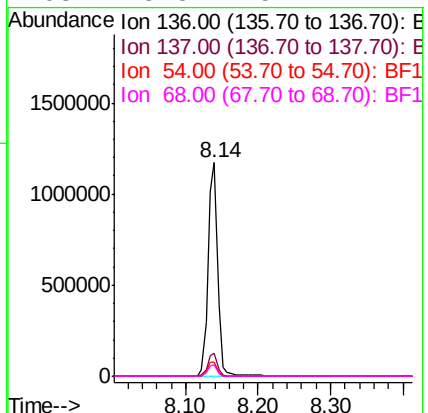
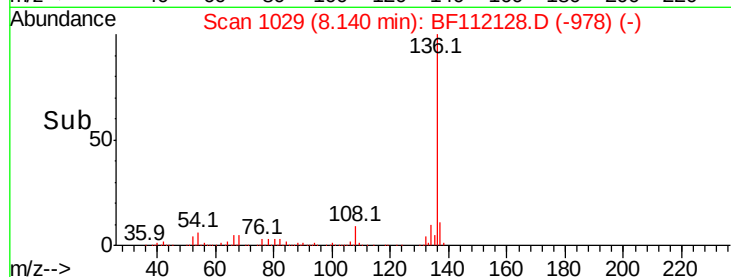
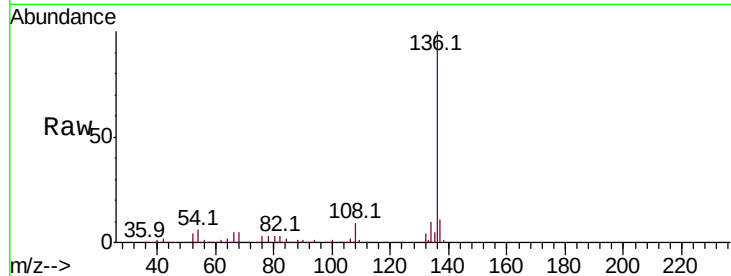




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

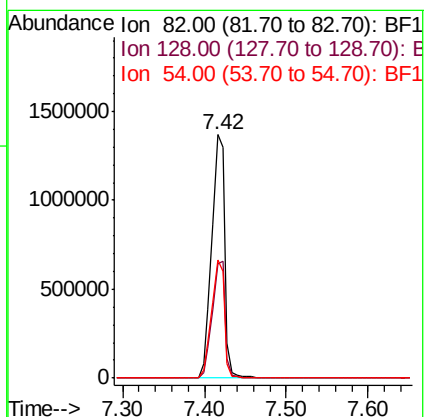
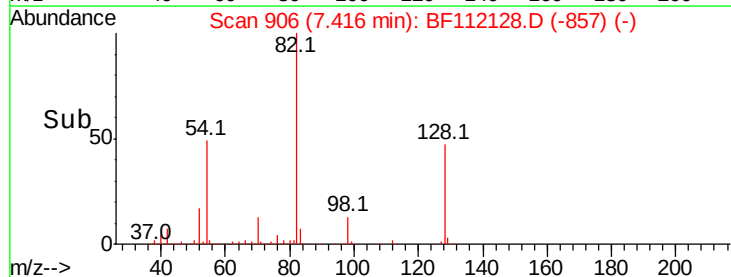
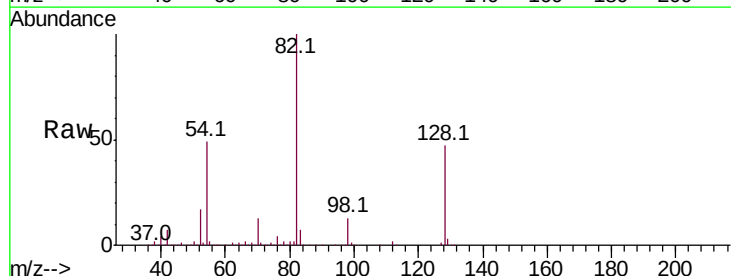
Instrument :
BNA_F
ClientSampleId :
RT-3425

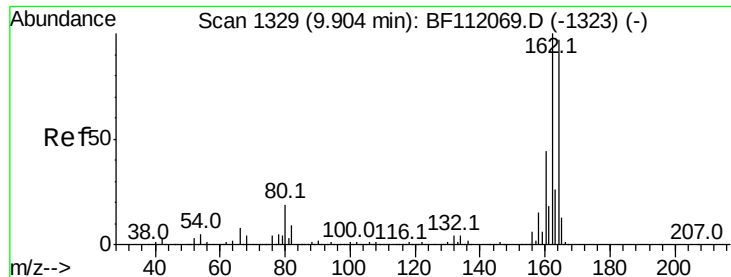
Tot Ion:136 Resp: 1074394
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.3 5.9 8.9
68 5.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 97.958 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion: 82 Resp: 1523333
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 48.7 39.7 59.5

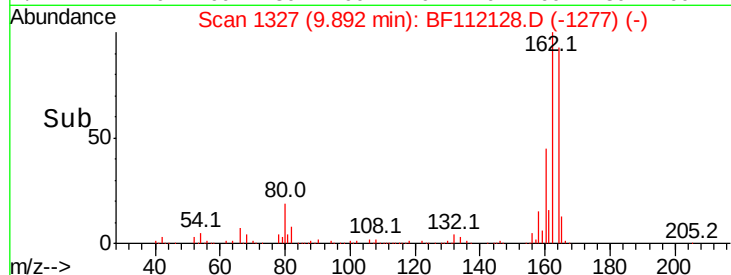
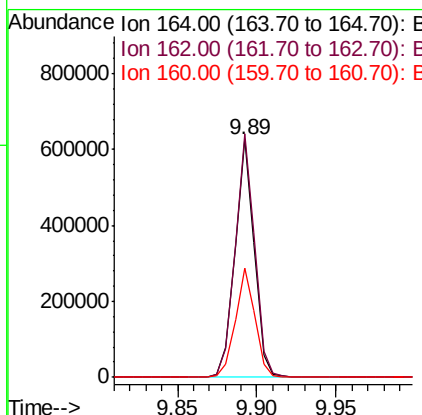
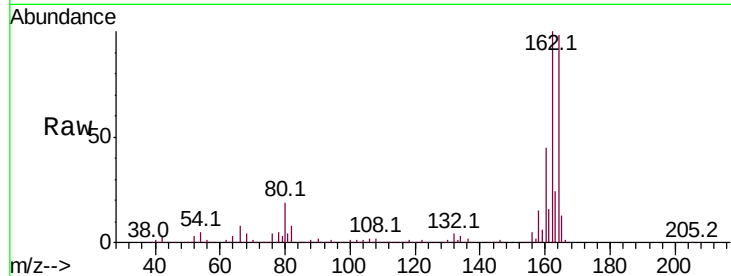




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112128.D
 Acq: 18 Jan 2019 17:00

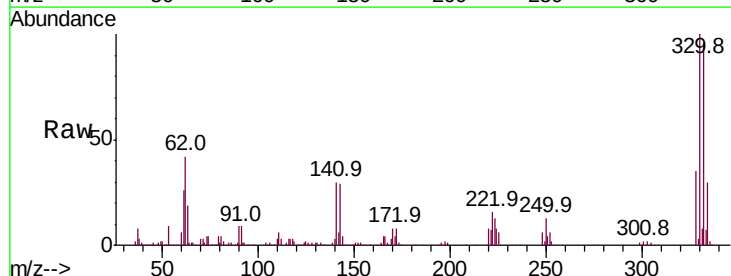
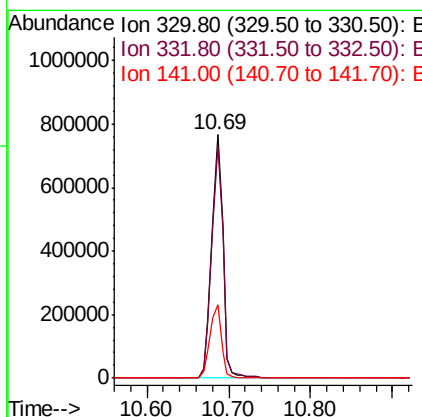
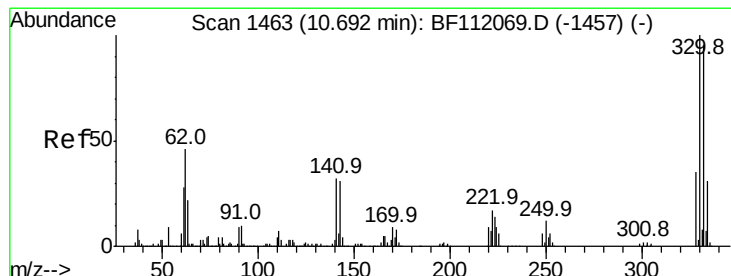
Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

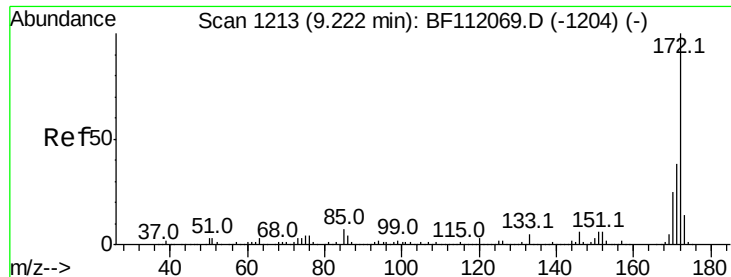
Tot Ion:164 Resp: 529043
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.2 123.4
 160 45.8 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 130.032 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112128.D
 Acq: 18 Jan 2019 17:00

Tgt Ion:330 Resp: 742121
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 30.4 24.3 36.5

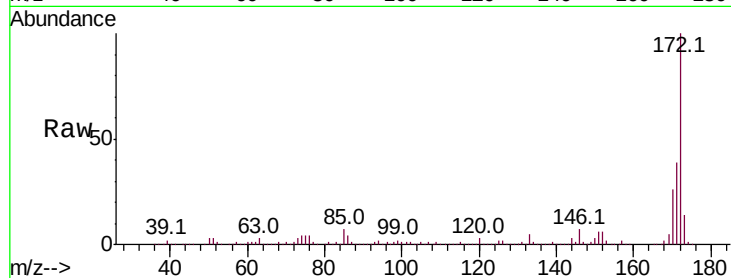




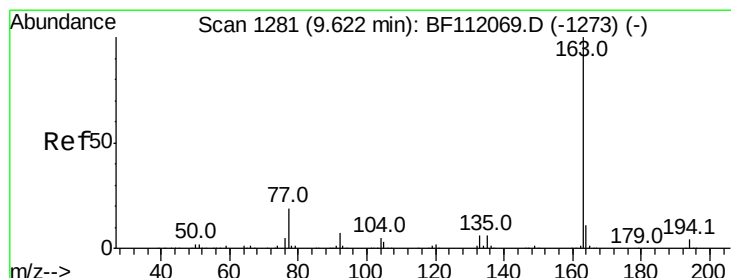
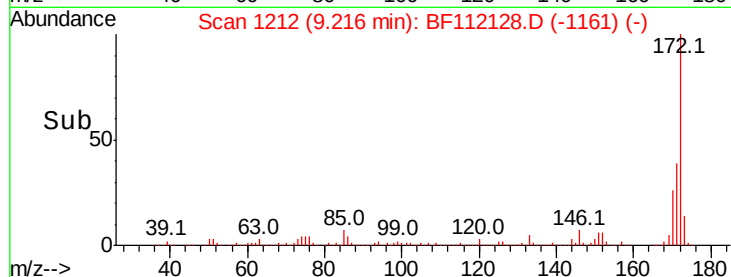
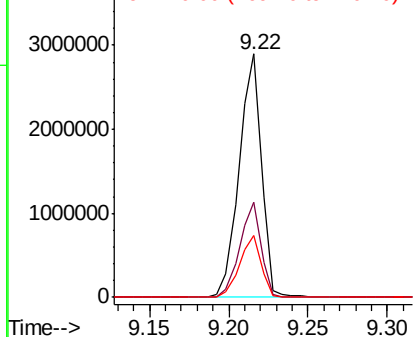
#45
2-Fluorobiphenyl
Concen: 78.211 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion:172 Resp: 2822245
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 25.5 20.2 30.4

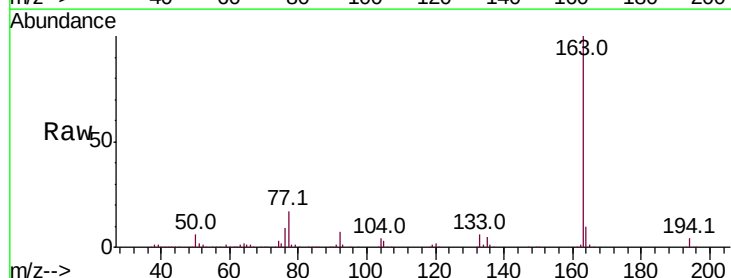


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

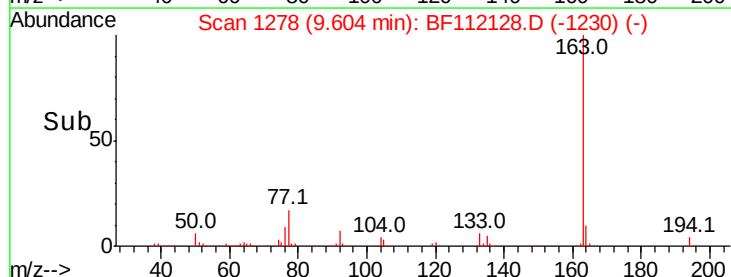
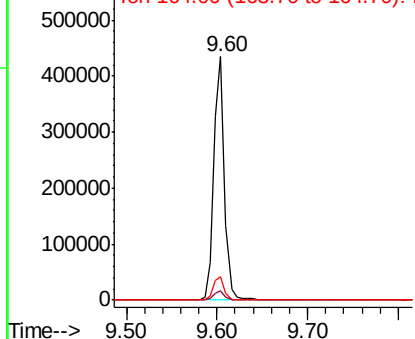


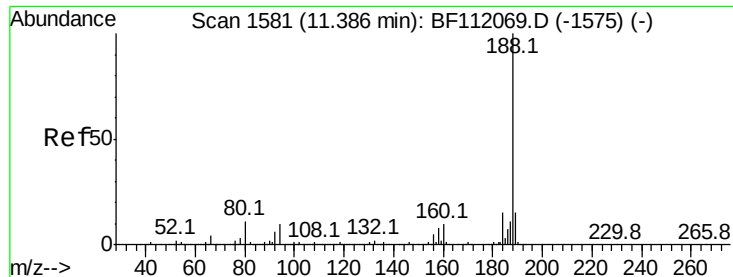
#50
Dimethylphthalate
Concen: 9.234 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion:163 Resp: 356283
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.5 12.7



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

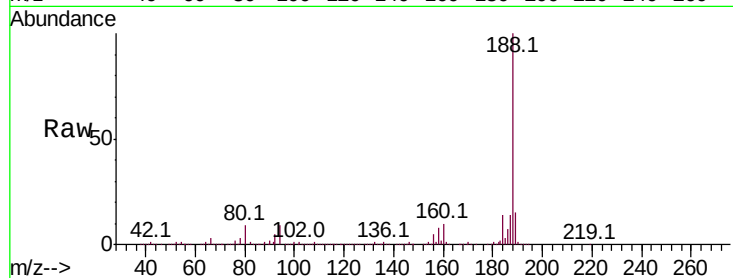




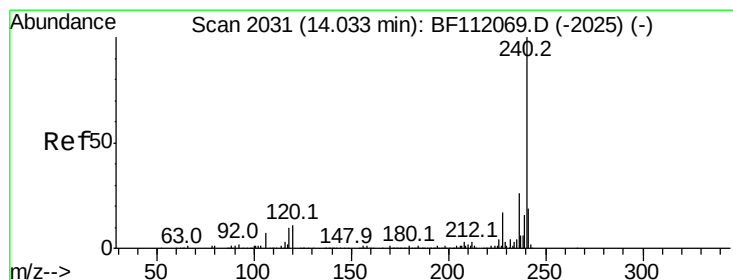
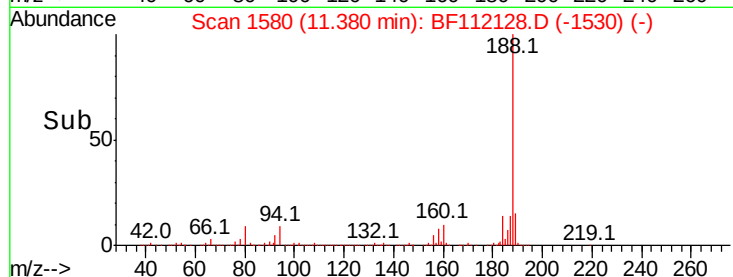
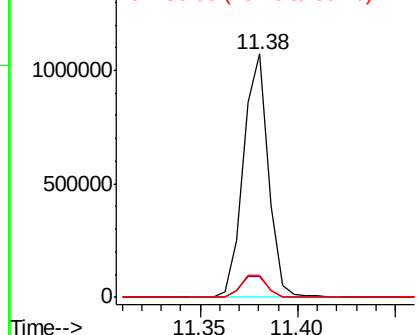
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Instrument :
BNA_F
ClientSampleID :
RT-3425

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.1	8.9	13.3

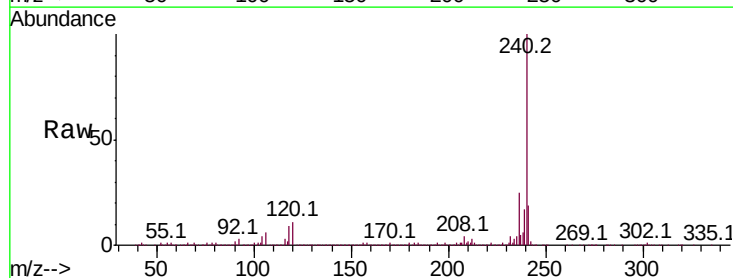


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

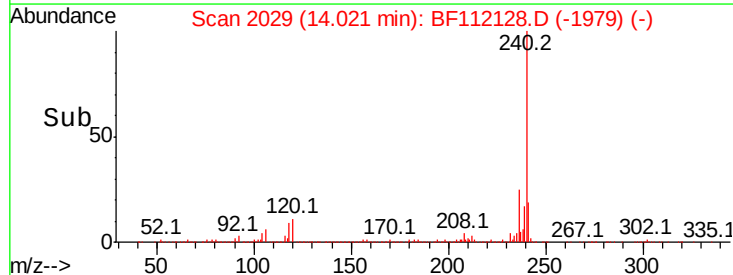
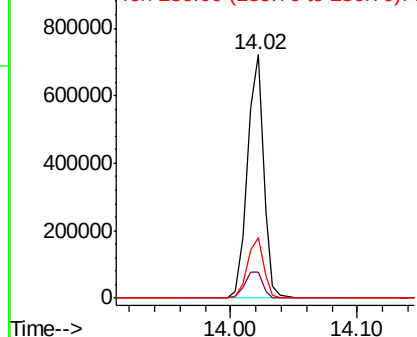


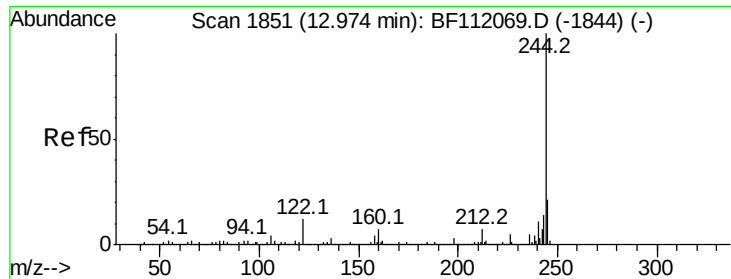
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112128.D
Acq: 18 Jan 2019 17:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.1	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



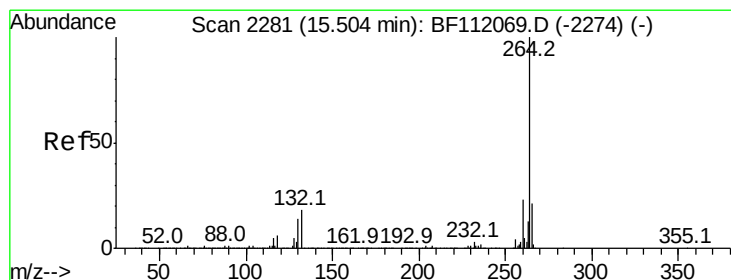
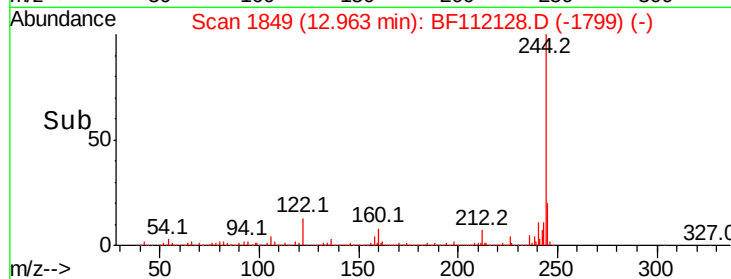
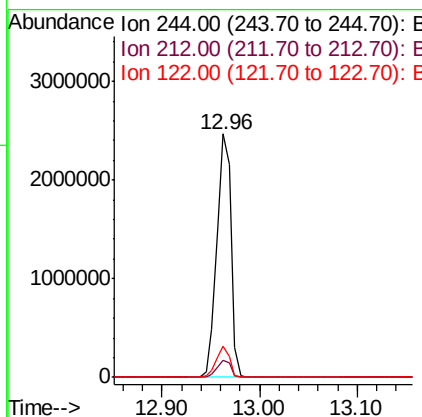
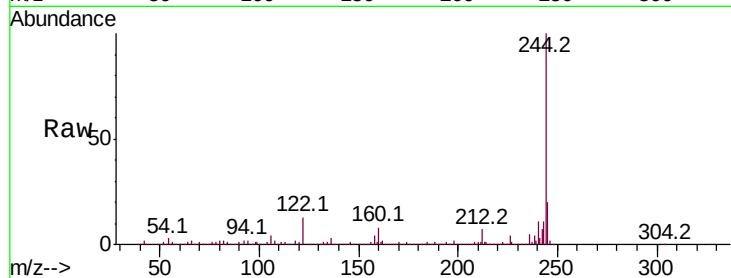


#79
 Terphenyl-d14
 Concen: 83.661 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112128.D
 Acq: 18 Jan 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion:244 Resp: 2496899

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.7	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112128.D
 Acq: 18 Jan 2019 17:00

Tgt Ion:264 Resp: 655577

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.7	17.0	25.4

