

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111252.D
 Acq On : 10 Dec 2018 19:52
 Operator : JU/SJ
 Sample : J6290-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Quant Time: Dec 11 05:46:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

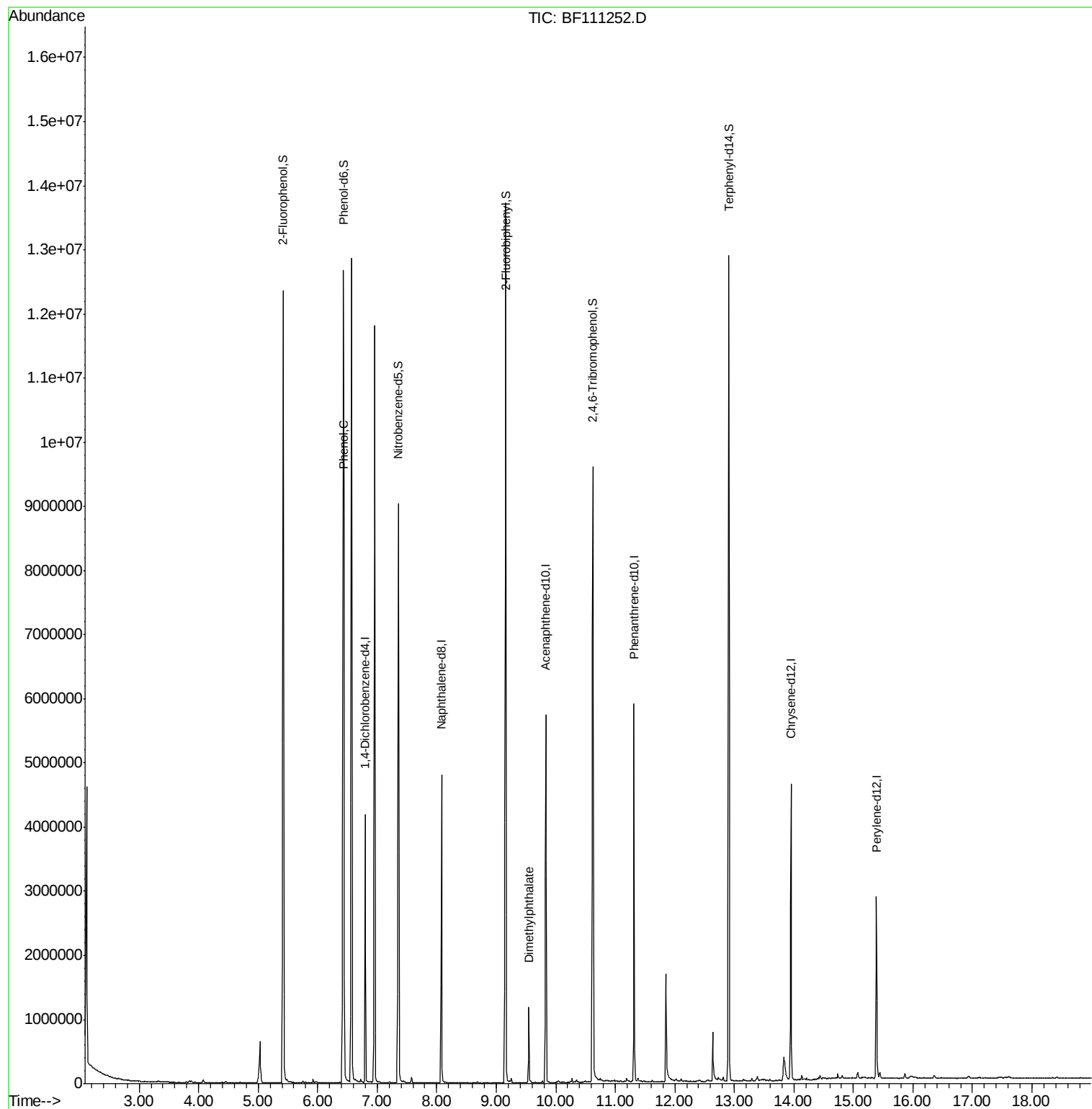
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	554663	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2237597	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1074597	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1892537	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1507101	20.00	ng	0.00
87) Perylene-d12	15.39	264	1202775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	4052622	115.37	ng	0.01
7) Phenol-d6	6.43	99	5210580	119.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	3411480	85.51	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	1178655	123.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4997917	79.18	ng	0.00
79) Terphenyl-d14	12.91	244	4641258	73.87	ng	0.00
Target Compounds						
10) Phenol	6.45	94	255444	5.005	ng	89
50) Dimethylphthalate	9.55	163	505169	6.371	ng	97

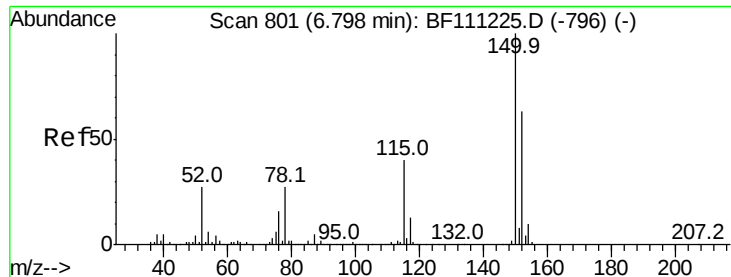
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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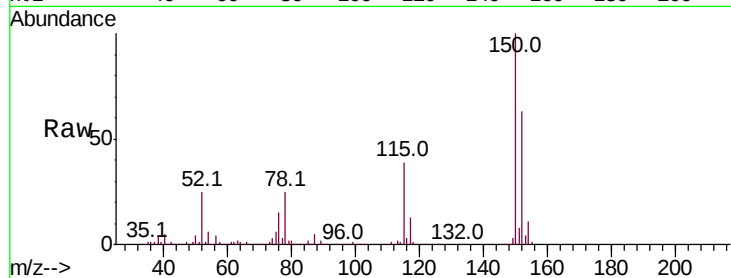


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Instrument :
BNA_F
ClientSampleId :
SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	61.4	50.7	76.1

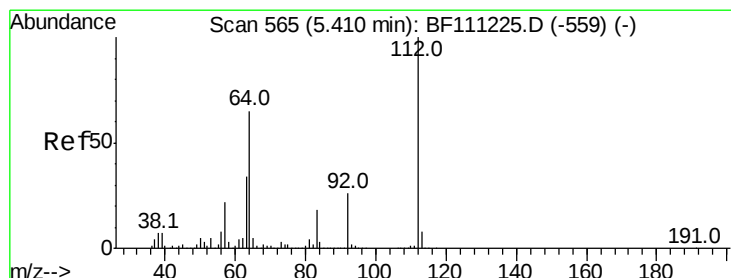
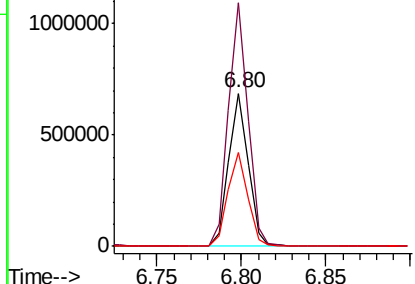
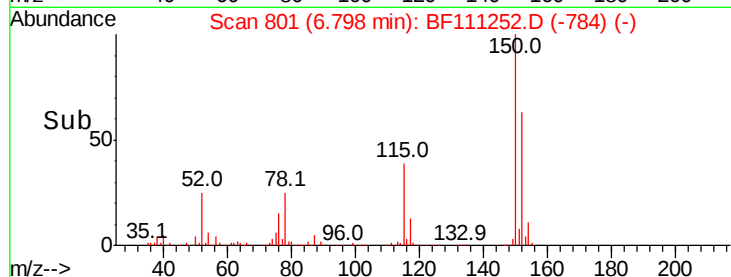


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

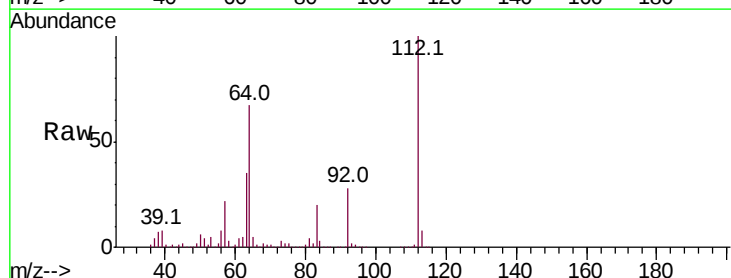
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.374 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.8	77.6
63	34.5	26.8	40.2

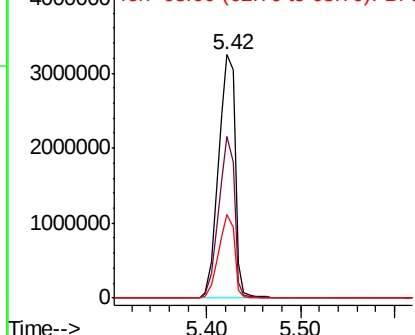
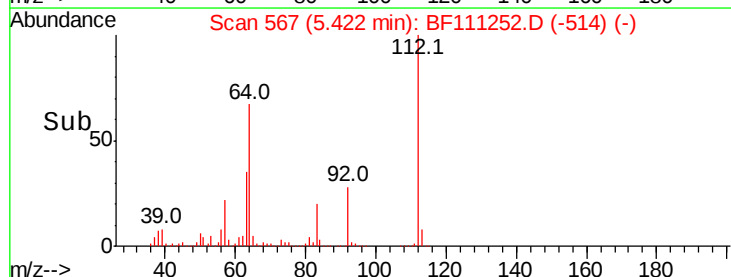


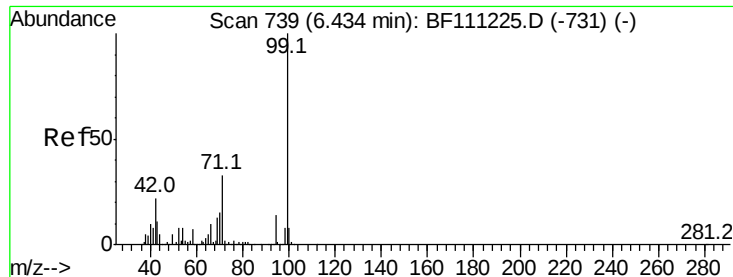
Abundance

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: 119.364 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111252.D

Acq: 10 Dec 2018 19:52

Instrument :

BNA_F

ClientSampleId :

SOIL

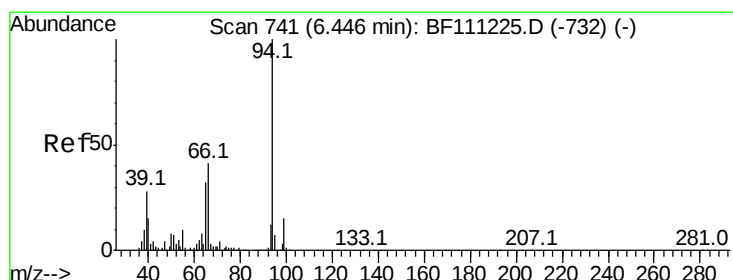
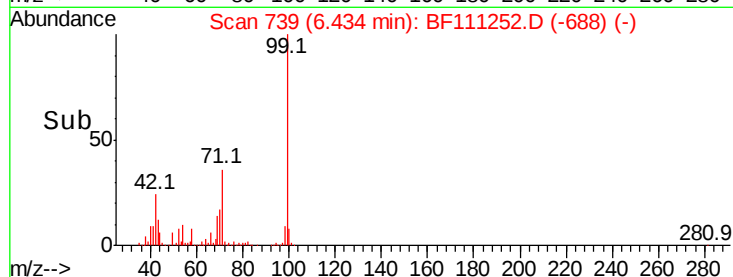
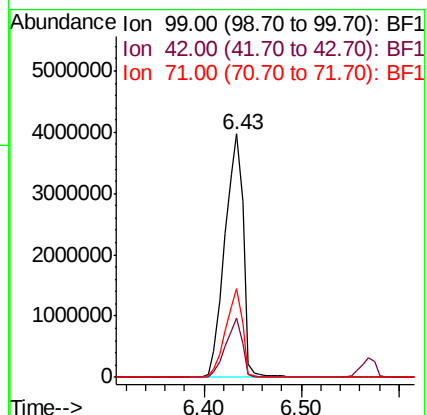
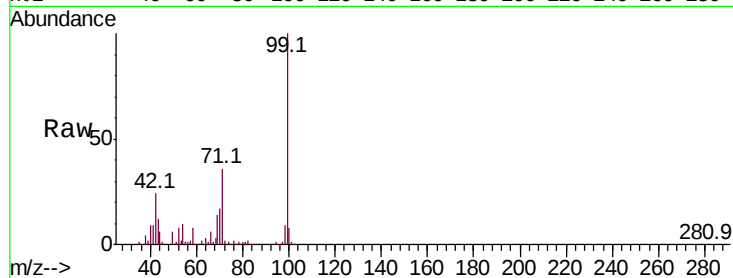
Tot Ion: 99 Resp: 5210580

Ion Ratio Lower Upper

99 100

42 24.2 17.4 26.0

71 36.4 26.1 39.1



#10

Phenol

Concen: 5.005 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111252.D

Acq: 10 Dec 2018 19:52

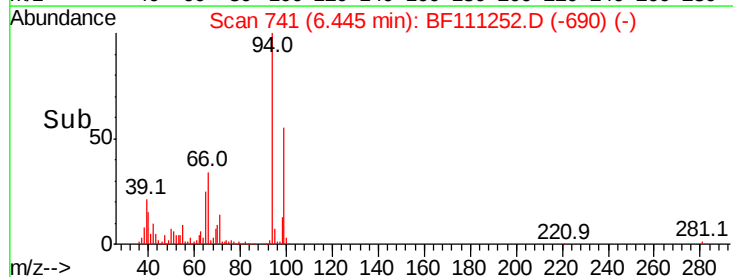
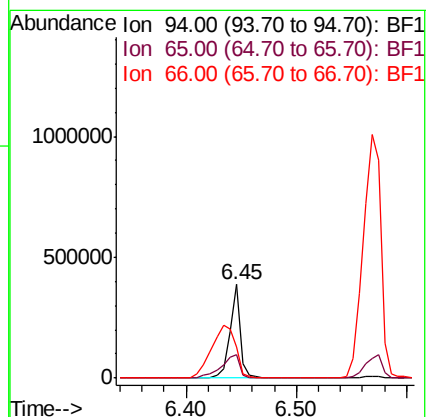
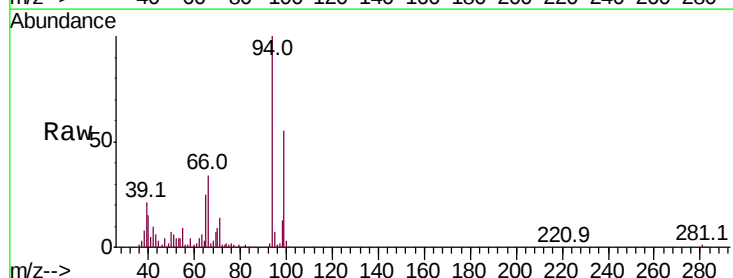
Tgt Ion: 94 Resp: 255444

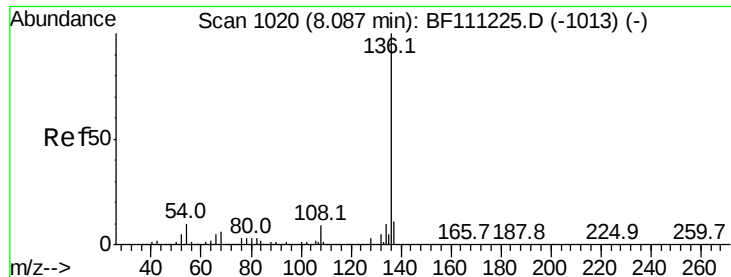
Ion Ratio Lower Upper

94 100

65 25.4 11.7 51.7

66 33.8 21.0 61.0

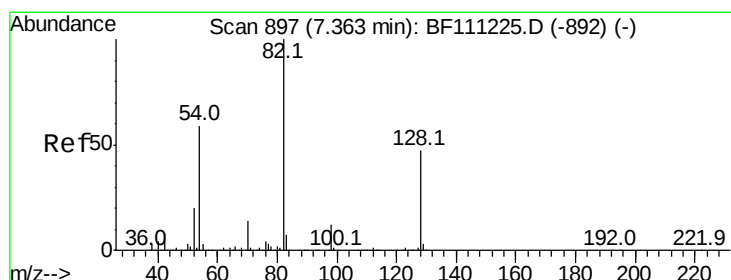
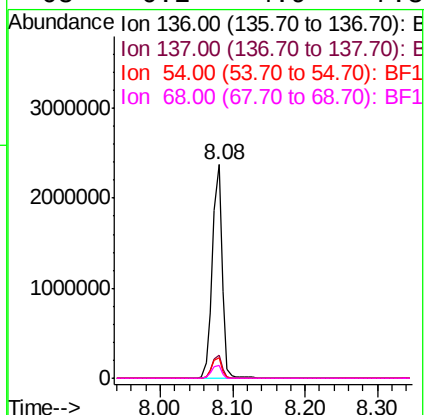
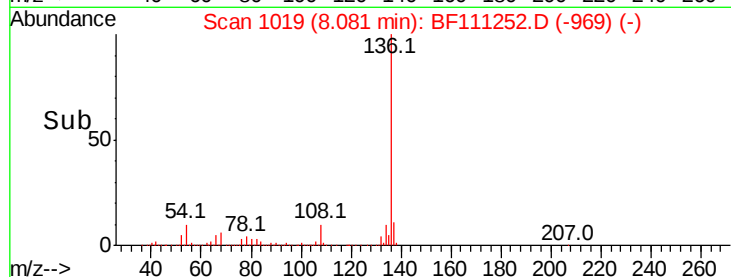
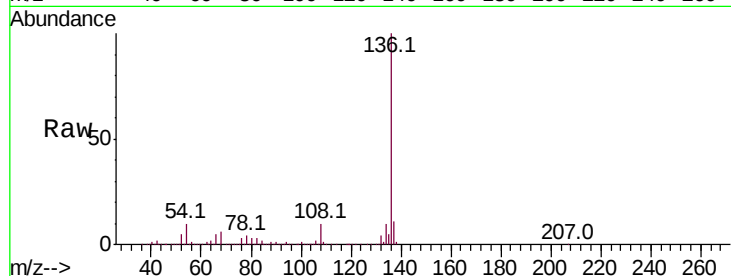




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

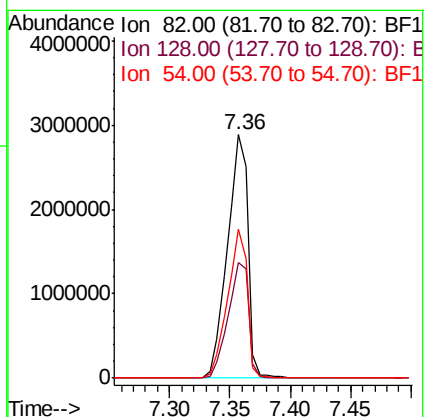
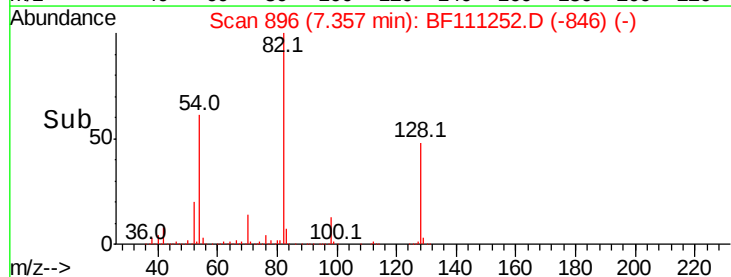
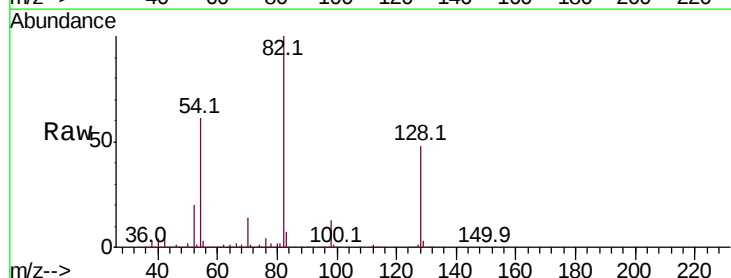
Instrument :
BNA_F
ClientSampleId :
SOIL

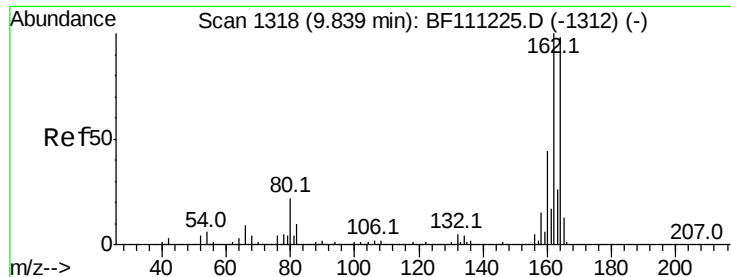
Tot Ion:	136	Resp:	2237597
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.5	7.7	11.5
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.514 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Tgt Ion:	82	Resp:	3411480
Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.4	56.2
54	61.2	47.6	71.4

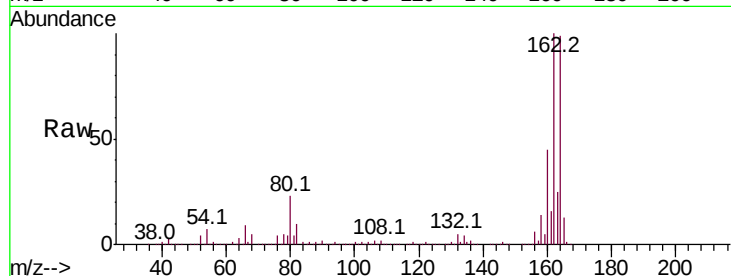




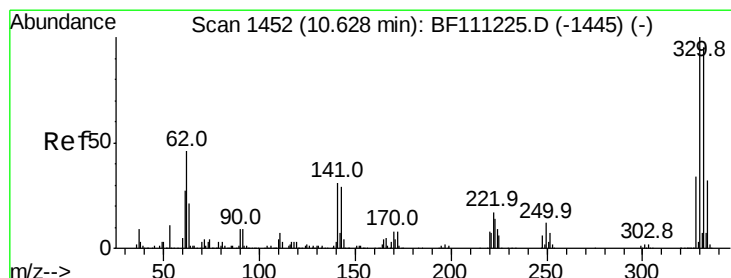
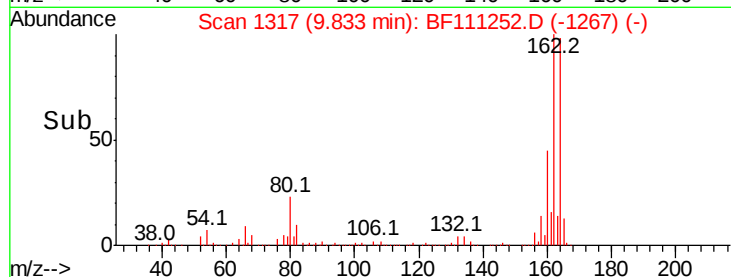
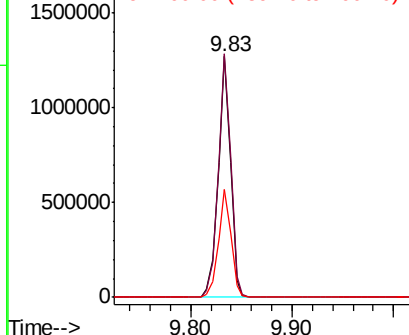
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Instrument :
BNA_F
ClientSampleId :
SOIL

Tot Ion:164 Resp: 1074597
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 45.1 35.7 53.5

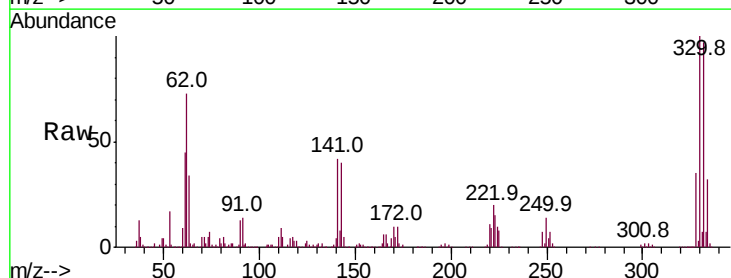


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

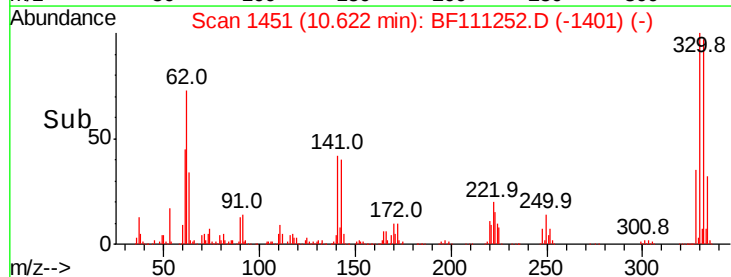
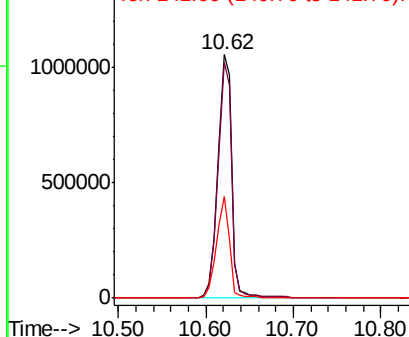


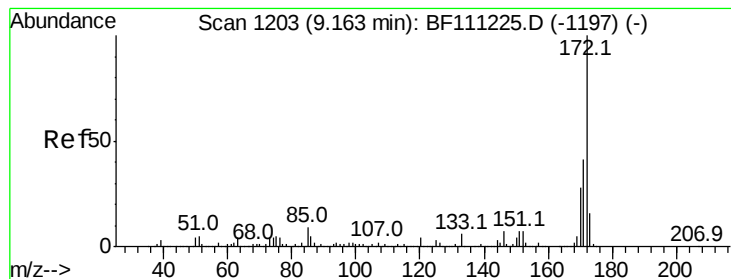
#42
2,4,6-Tribromophenol
Concen: 123.823 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Tgt Ion:330 Resp: 1178655
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 39.2 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: 79.183 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111252.D

Acq: 10 Dec 2018 19:52

Instrument :

BNA_F

ClientSampleId :

SOIL

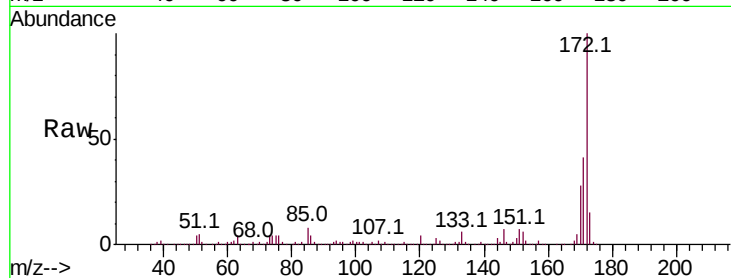
Tot Ion:172 Resp: 4997917

Ion	Ratio	Lower	Upper
172	100		
171	40.6	33.0	49.4
170	28.0	22.3	33.5

172 100

171 40.6 33.0 49.4

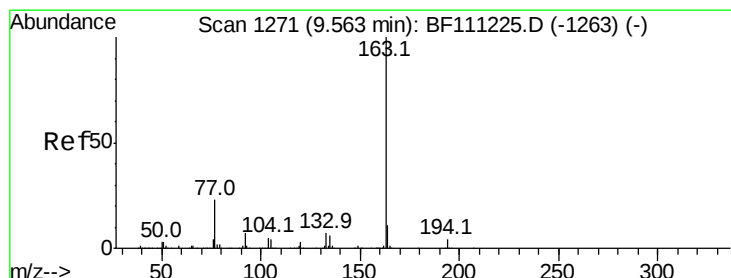
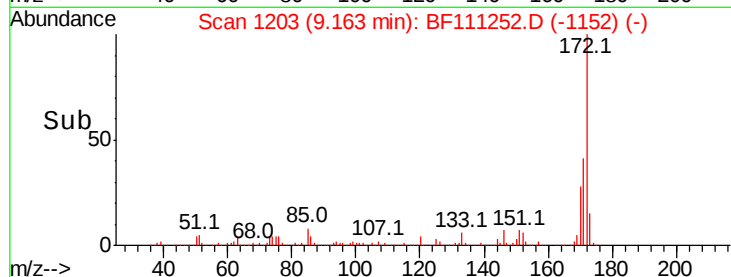
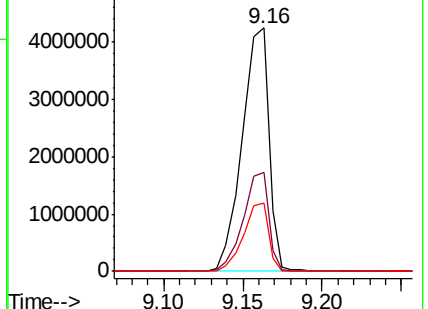
170 28.0 22.3 33.5



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



#50

Dimethylphthalate

Concen: 6.371 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111252.D

Acq: 10 Dec 2018 19:52

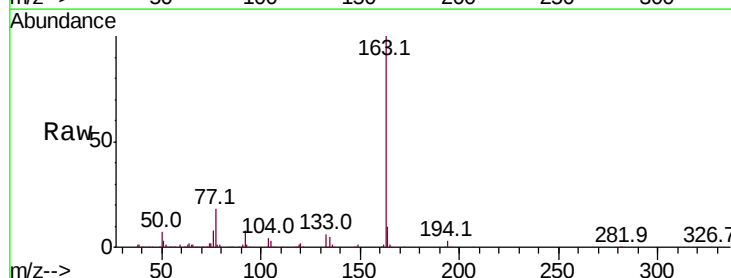
Tgt Ion:163 Resp: 505169

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	10.0	8.9	13.3

163 100

194 3.2 3.0 4.6

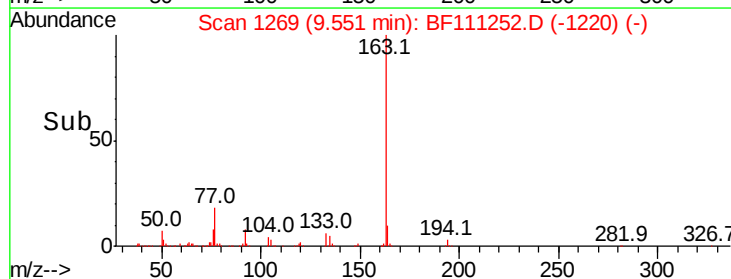
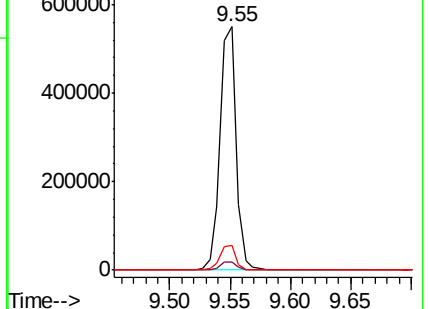
164 10.0 8.9 13.3

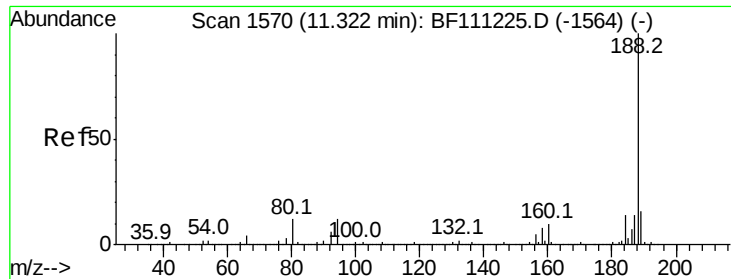


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

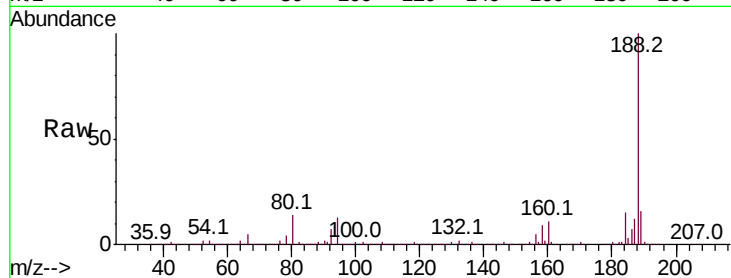




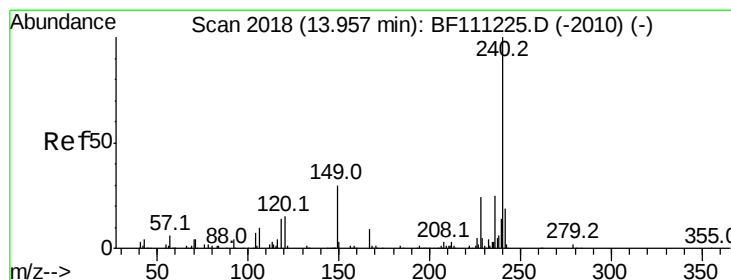
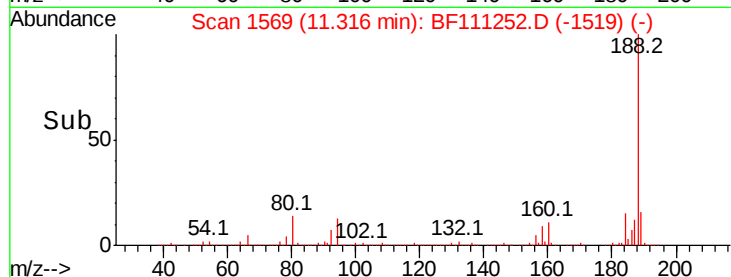
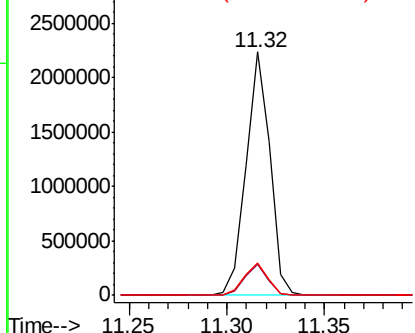
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Instrument :
BNA_F
ClientSampleId :
SOIL

Tot Ion:188 Resp: 1892537
Ion Ratio Lower Upper
188 100
94 12.5 9.6 14.4
80 13.5 9.8 14.6

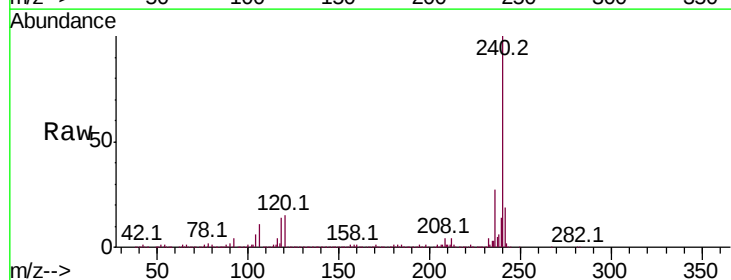


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

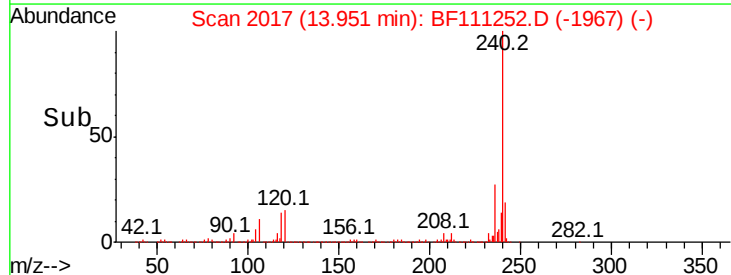
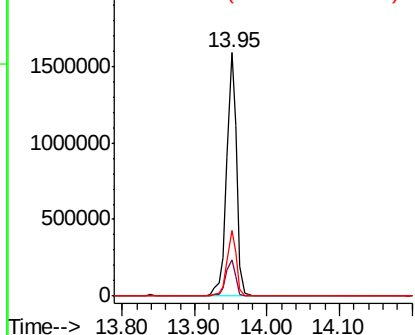


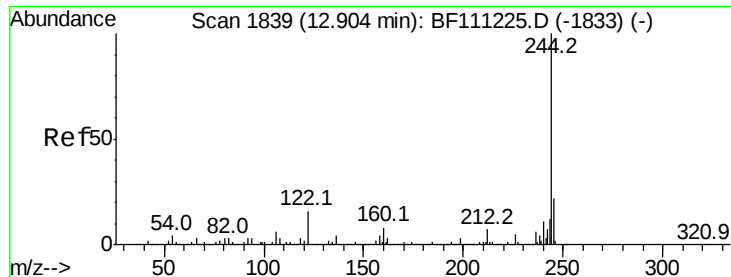
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111252.D
Acq: 10 Dec 2018 19:52

Tgt Ion:240 Resp: 1507101
Ion Ratio Lower Upper
240 100
120 15.2 12.2 18.2
236 27.1 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



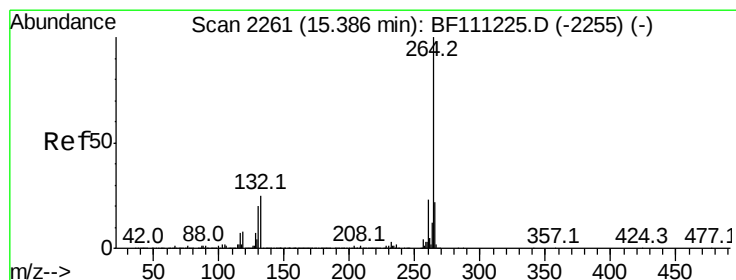
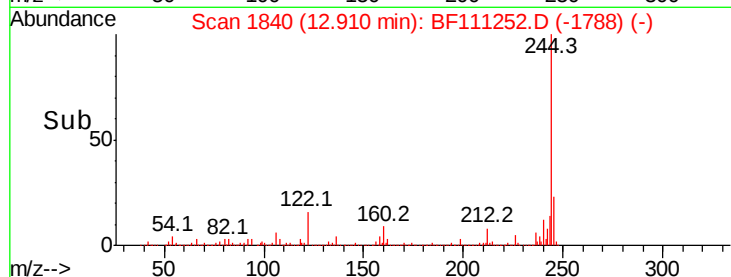
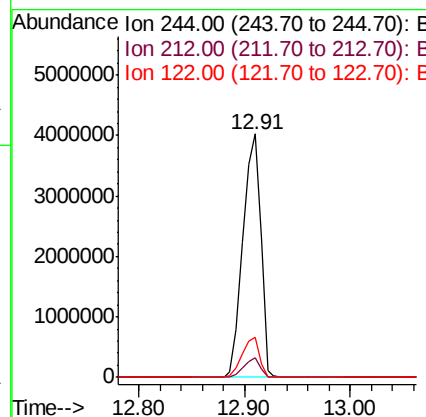
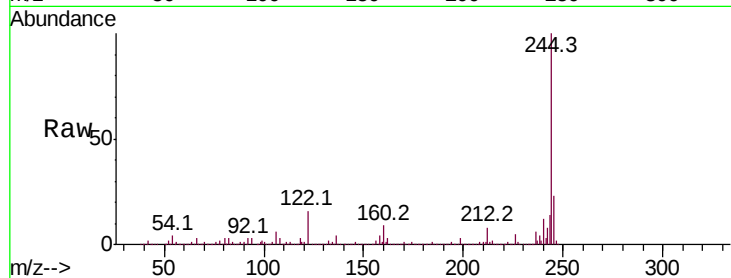


#79
 Terphenyl-d14
 Concen: 73.868 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111252.D
 Acq: 10 Dec 2018 19:52

Instrument :
 BNA_F
 ClientSampled :
 SOIL

Tot Ion:244 Resp: 4641258

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	16.3	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BF111252.D
 Acq: 10 Dec 2018 19:52

Tgt Ion:264 Resp: 1202775

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	20.9	17.7	26.5

