

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101682.D
 Acq On : 23 Dec 2017 5:27
 Operator : SJ/JU
 Sample : I6683-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Quant Time: Dec 23 05:54:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

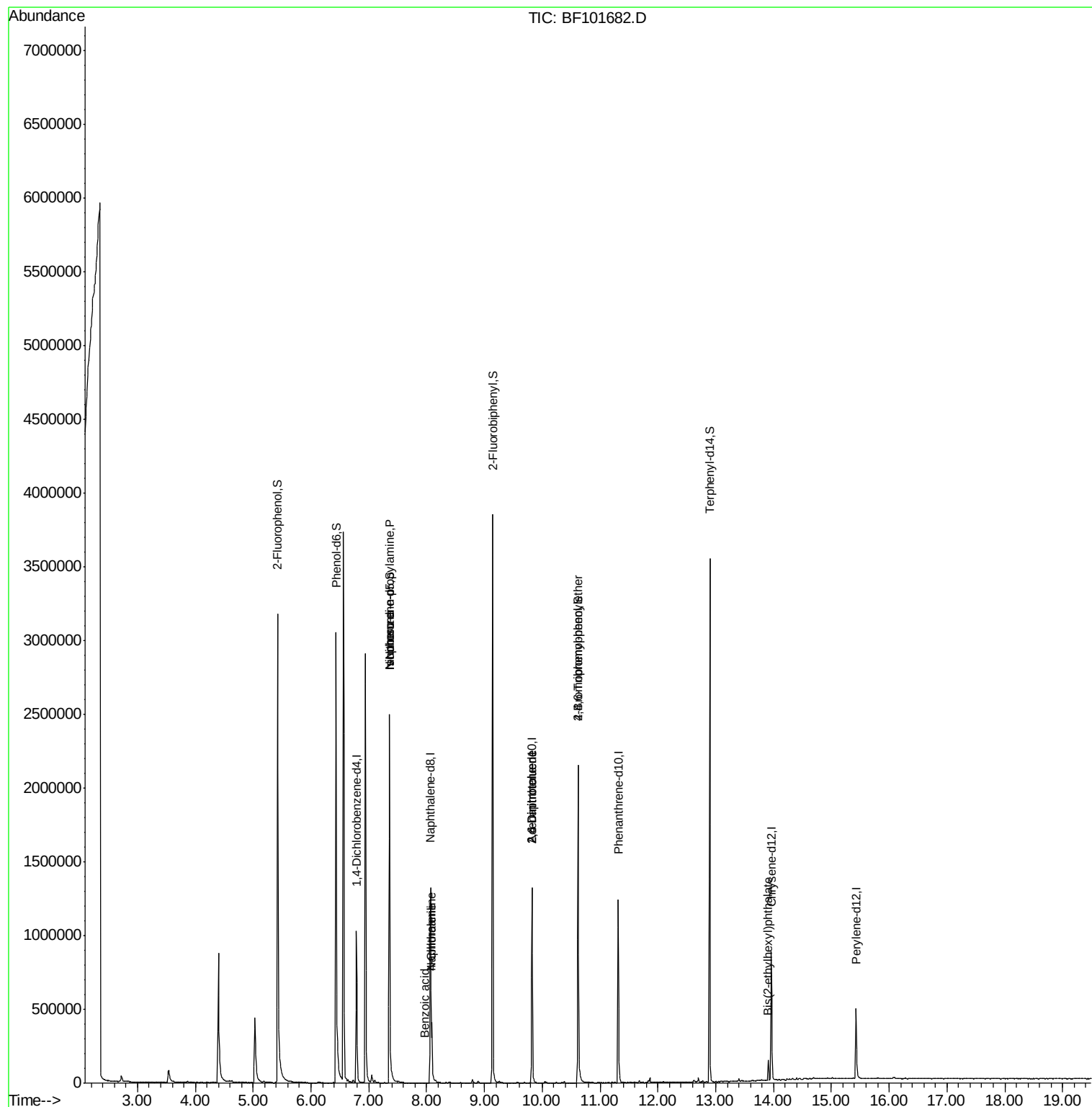
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157450	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	605288	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	250637	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	461019	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312150	20.00	ng	0.00
86) Perylene-d12	15.43	264	239174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1134904	107.37	ng	0.02
7) Phenol-d6	6.43	99	1287201	97.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	924139	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	320555	132.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1470442	91.01	ng	0.00
78) Terphenyl-d14	12.90	244	1276146	98.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	122070	14.130	ng	# 83
25) Isophorone	7.36	82	924134	42.366	ng	# 64
31) Naphthalene	8.09	128	230740	7.572	ng	# 99
32) Benzoic acid	7.96	122	107	7.976	ng	# 34
33) 4-Chloroaniline	8.09	127	29969	2.263	ng	# 34
50) 2,6-Dinitrotoluene	9.82	165	31297	7.638	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	31297	6.779	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	19577	3.779	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.92	149	37029	2.758	ng	98

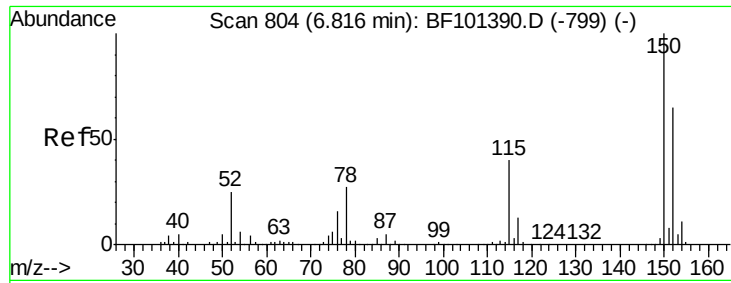
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101682.D
Acq On : 23 Dec 2017 5:27
Operator : SJ/JU
Sample : I6683-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Quant Time: Dec 23 05:54:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



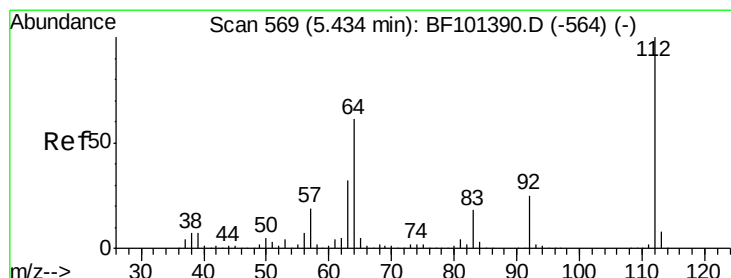
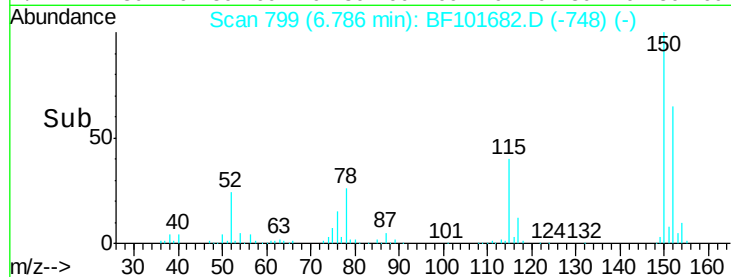
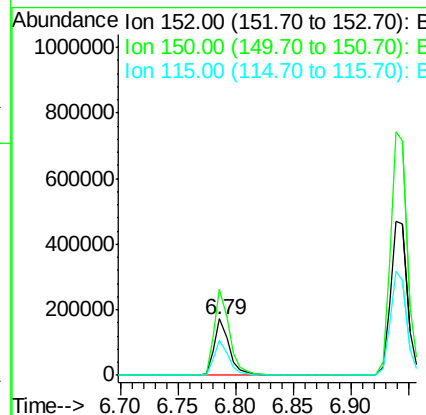
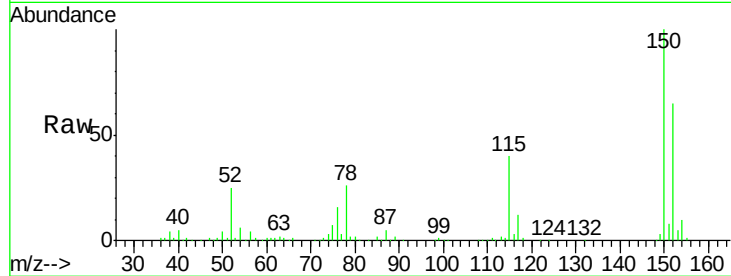


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

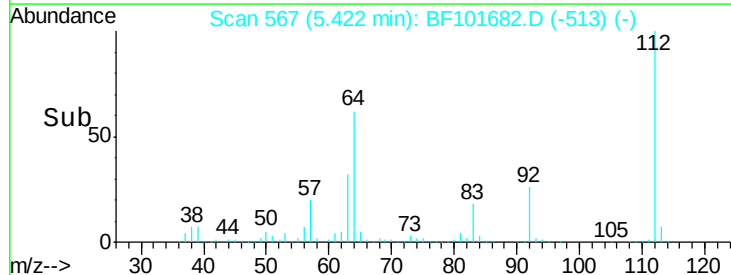
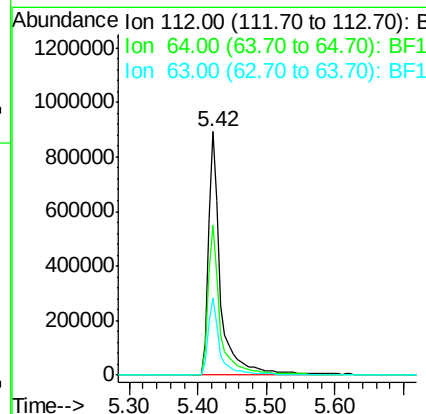
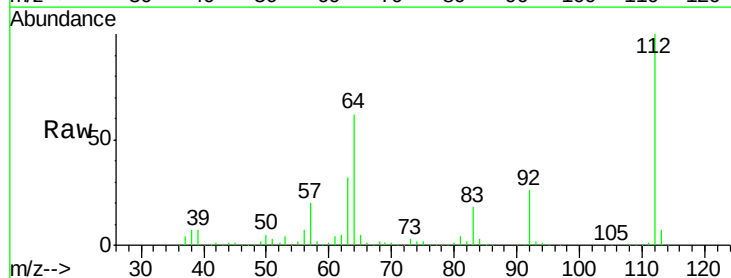
Tot Ion:152 Resp: 157450
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 61.2 50.1 75.1

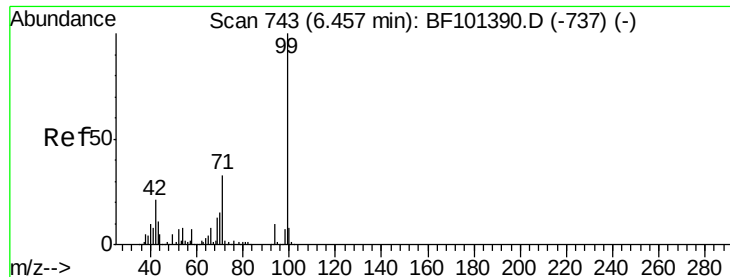


#5

2-Fluorophenol
 Concen: 107.369 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Tgt Ion:112 Resp: 1134904
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 97.850 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

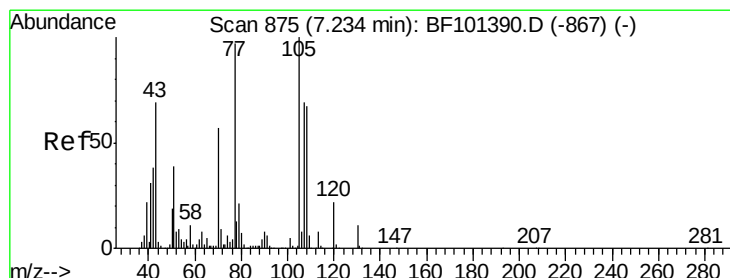
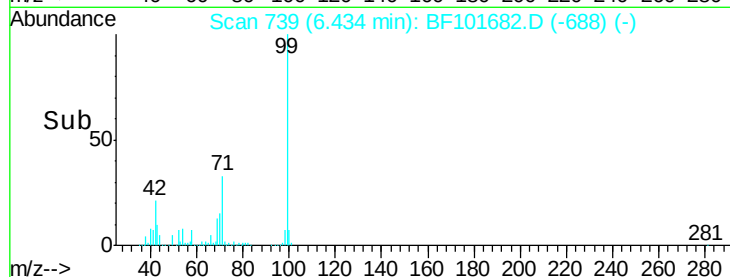
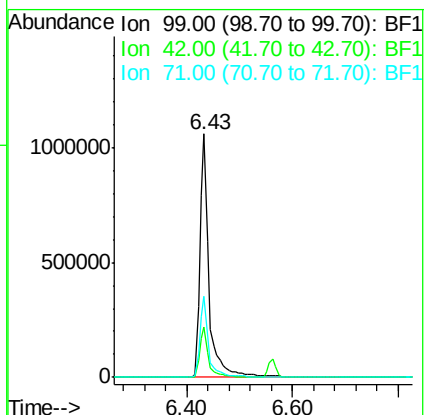
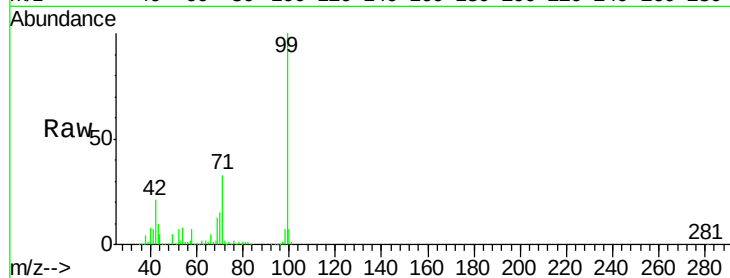
Tot Ion: 99 Resp: 1287201

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.130 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Tgt Ion: 70 Resp: 122070

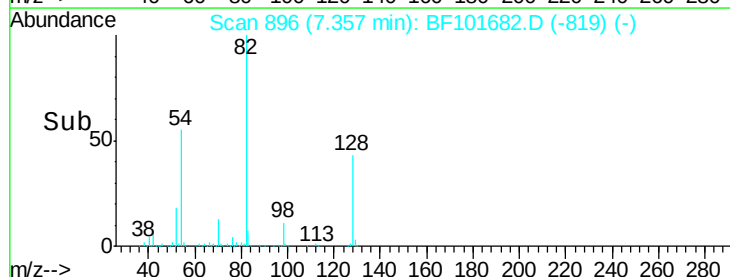
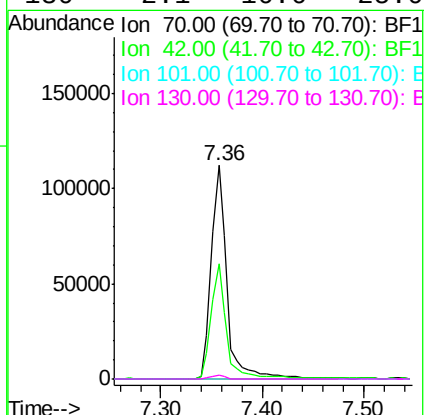
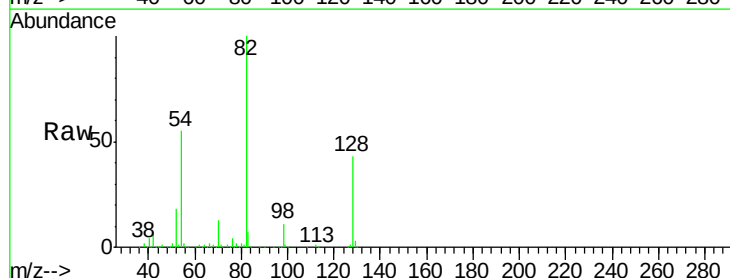
Ion Ratio Lower Upper

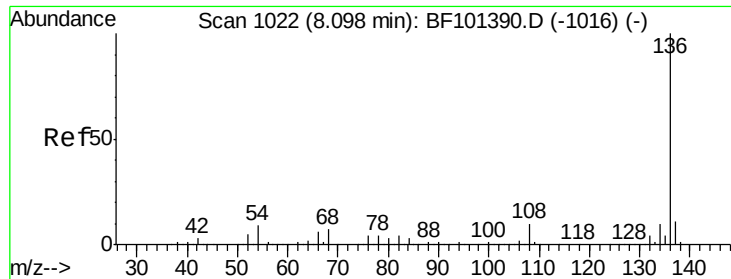
70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

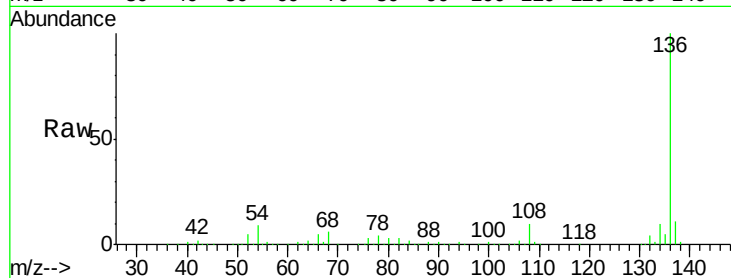




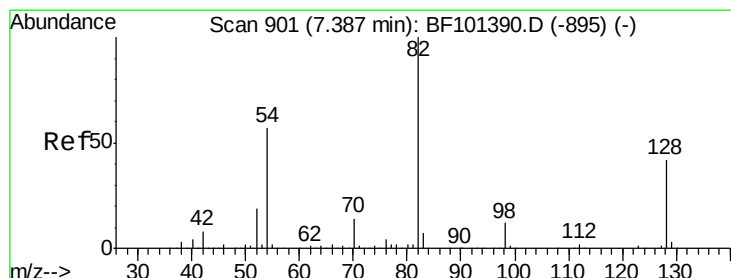
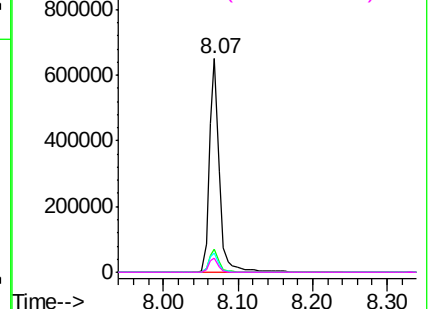
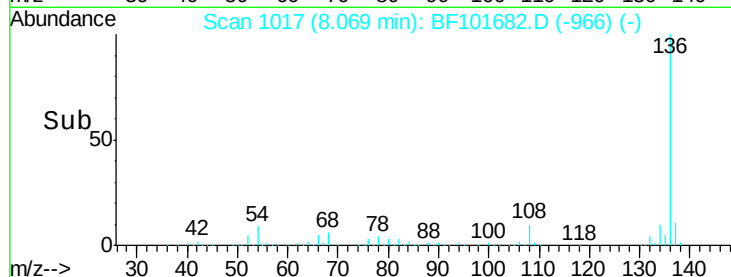
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tot Ion:136	Resp:	605288
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.3	6.6 9.8
68	6.5	5.0 7.4

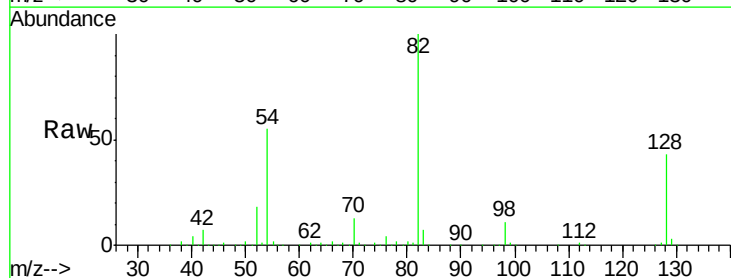


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

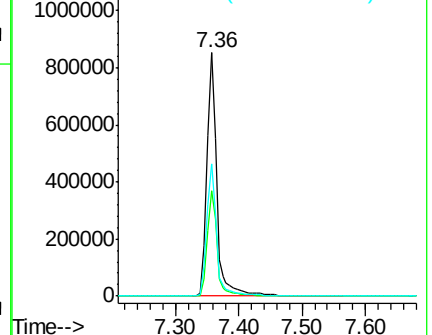
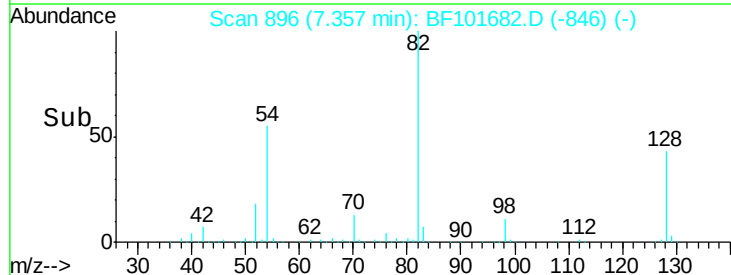


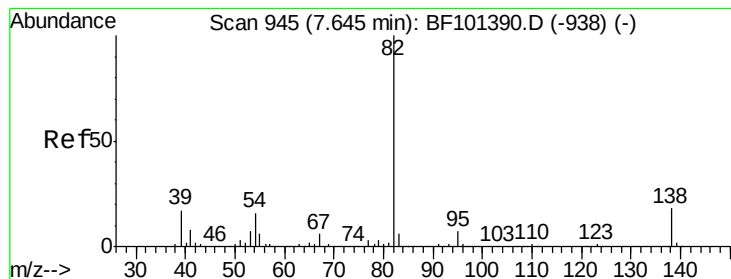
#23
Nitrobenzene-d5
Concen: 84.989 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Tgt Ion: 82	Resp:	924139
Ion Ratio	Lower	Upper
82	100	
128	43.3	36.1 54.1
54	54.5	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





#25

Isophorone

Concen: 42.366 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

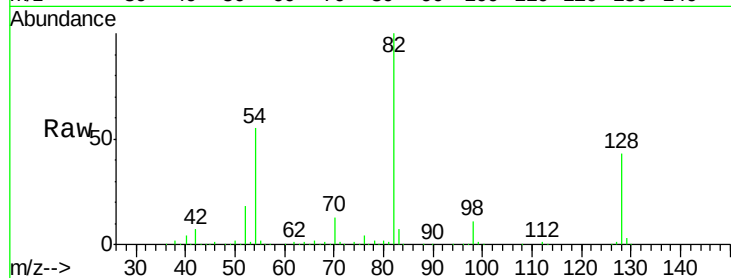
Tot Ion: 82 Resp: 924134

Ion Ratio Lower Upper

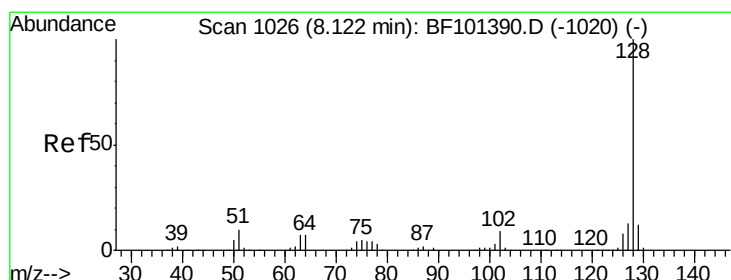
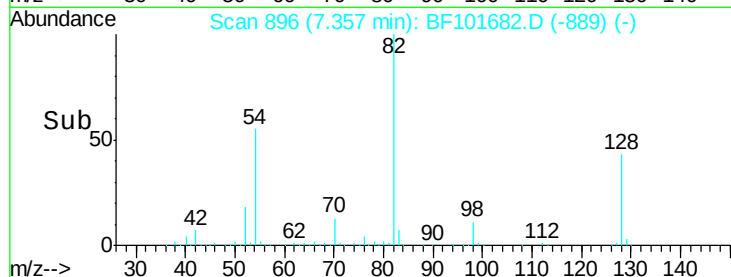
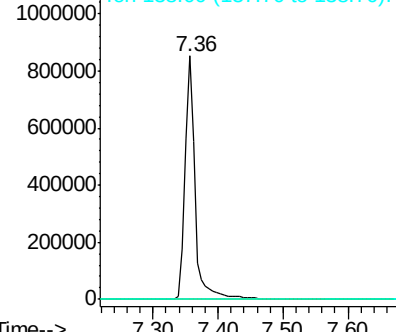
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 7.572 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

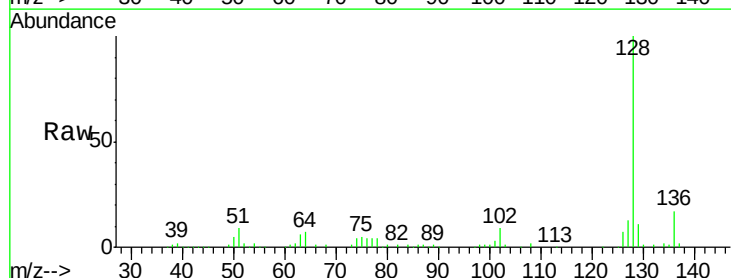
Tgt Ion: 128 Resp: 230740

Ion Ratio Lower Upper

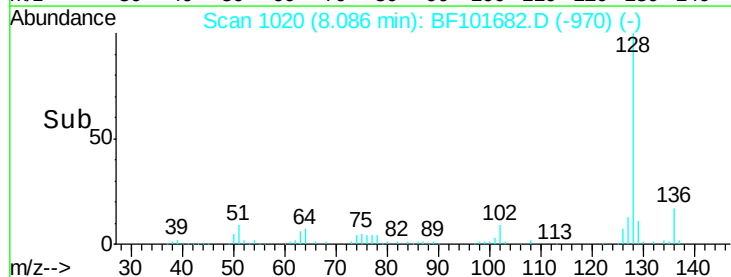
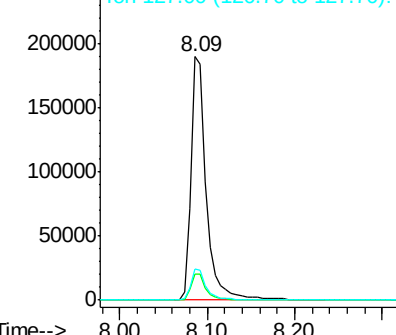
128 100

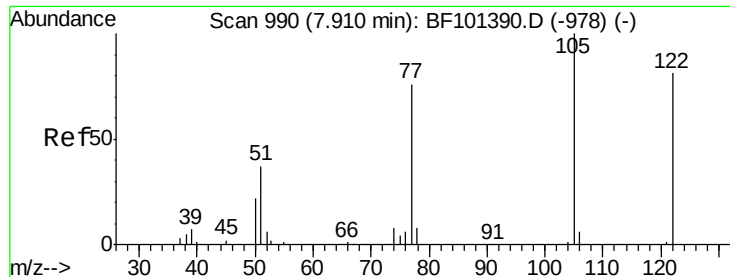
129 10.8 8.8 13.2

127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#32

Benzoic acid

Concen: 7.976 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.07 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

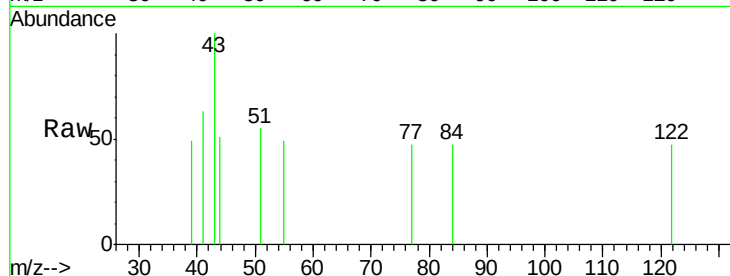
Instrument :

BNA_F

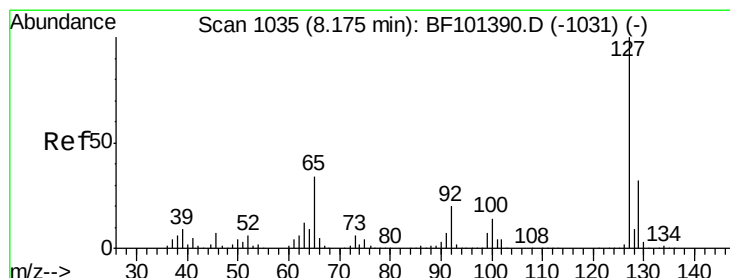
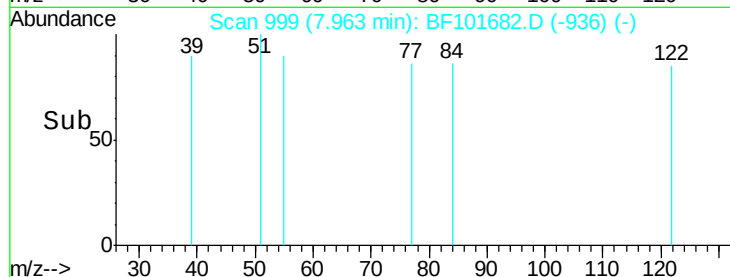
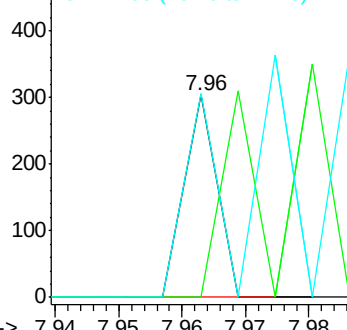
ClientSampleId :

EO-02-122017-A

Tot Ion:122 Resp: 107
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.1 141.1#
 77 100.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.263 ng

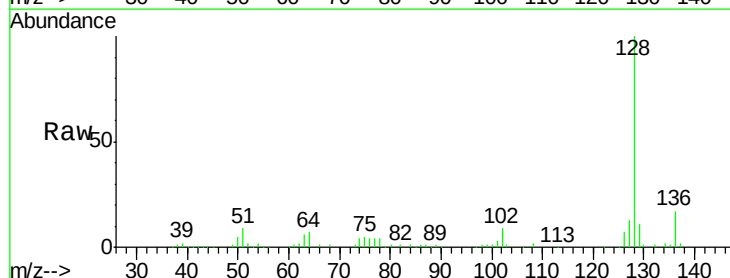
RT: 8.09 min Scan# 1020

Delta R.T. -0.06 min

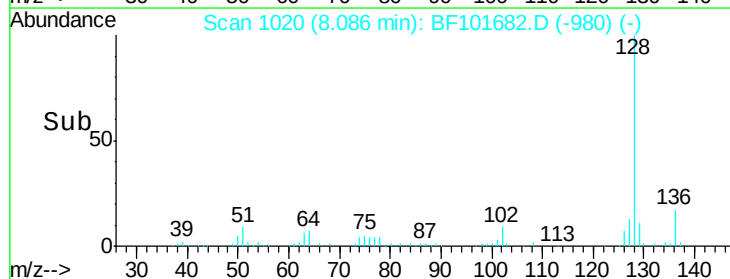
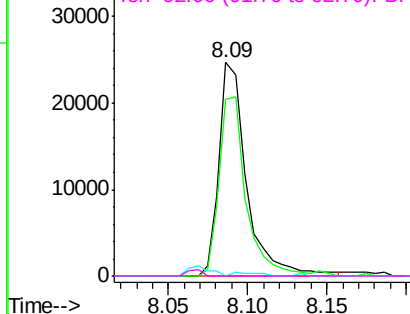
Lab File: BF101682.D

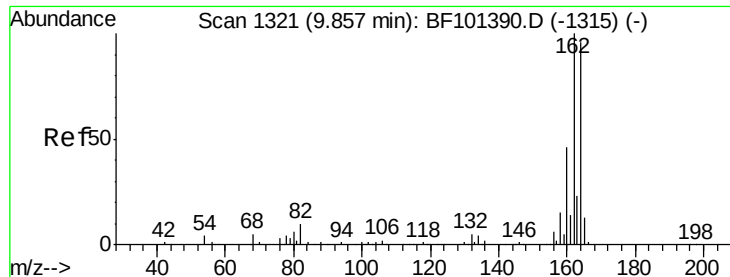
Acq: 23 Dec 2017 5:27

Tgt Ion:127 Resp: 29969
 Ion Ratio Lower Upper
 127 100
 129 82.9 25.9 38.9#
 65 0.0 25.0 37.4#
 92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

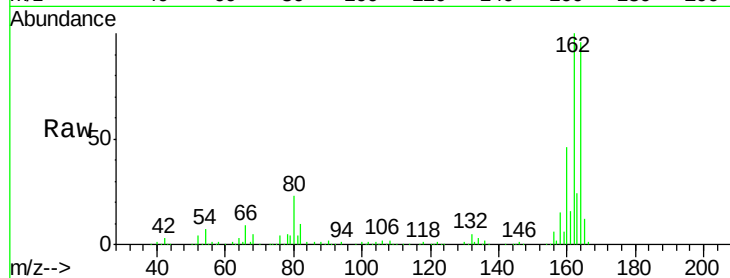
Tot Ion:164 Resp: 250637

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

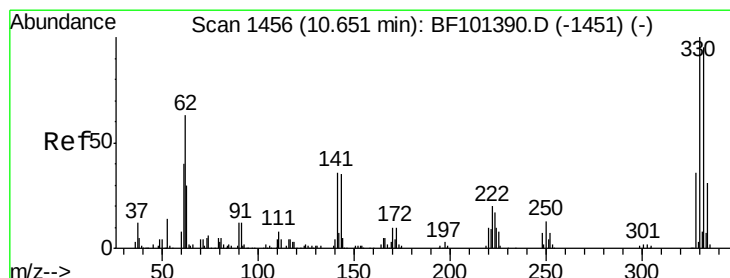
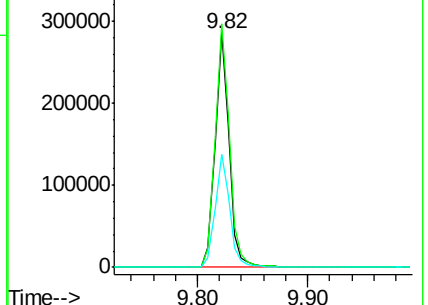
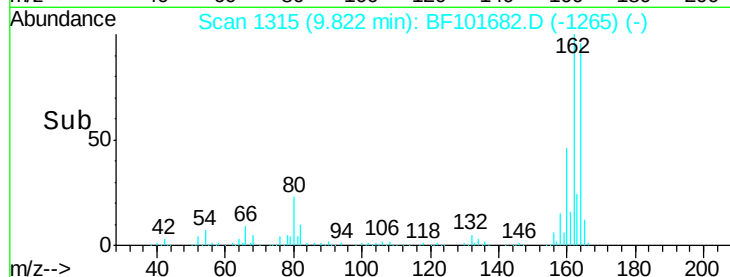
160 48.3 38.3 57.5



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: 132.730 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

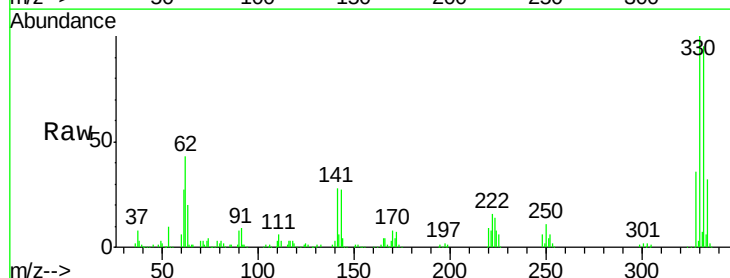
Tgt Ion:330 Resp: 320555

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

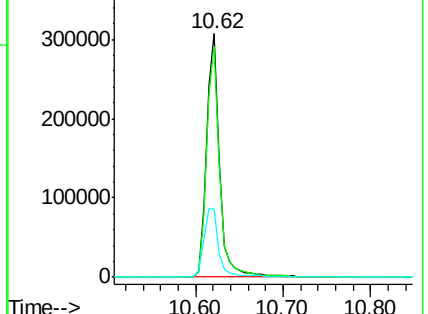
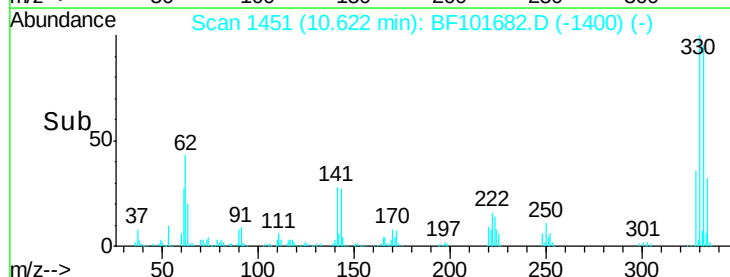
141 32.2 29.9 44.9

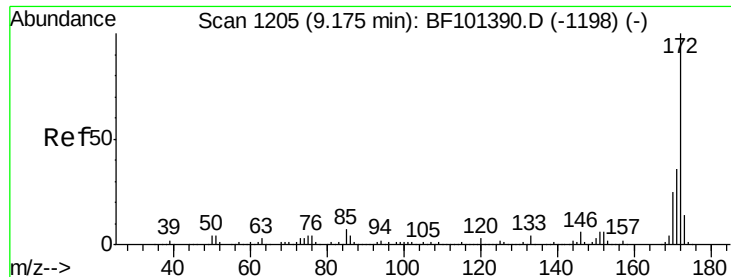


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

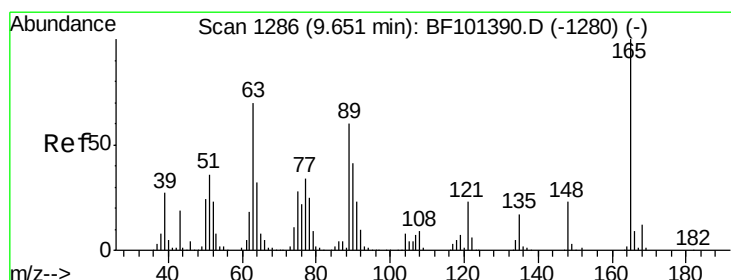
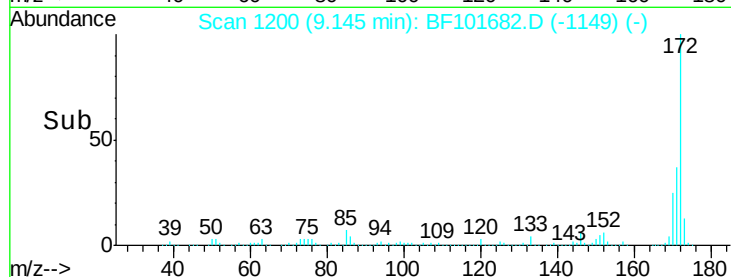
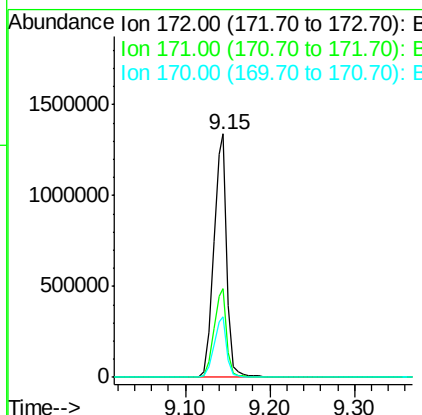
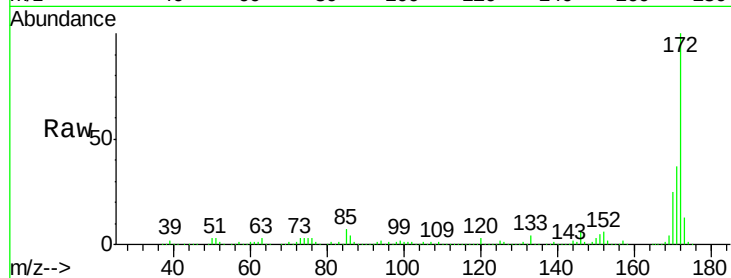




#44
2-Fluorobiphenyl
Concen: 91.009 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

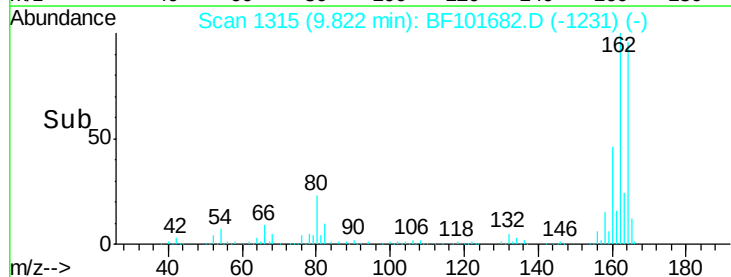
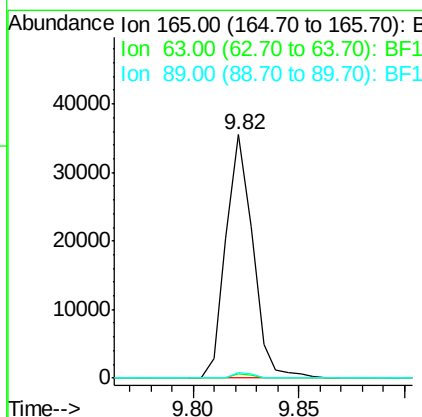
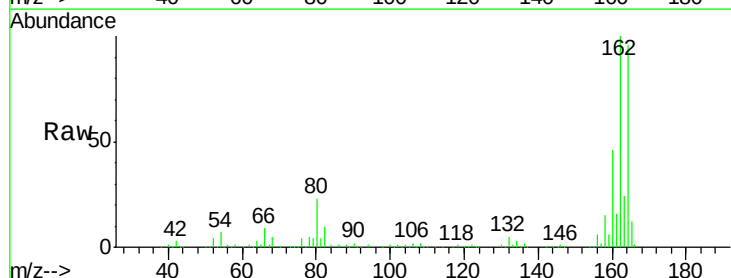
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

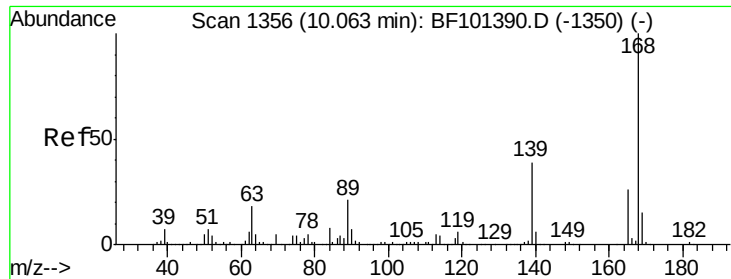
Tot Ion:172 Resp: 1470442
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 19.6 29.4



#50
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Tgt Ion:165 Resp: 31297
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 2.3 44.0 66.0#

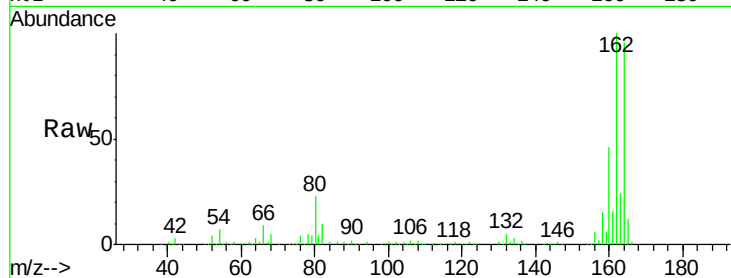




#56
 2,4-Dinitrotoluene
 Concen: 6.779 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

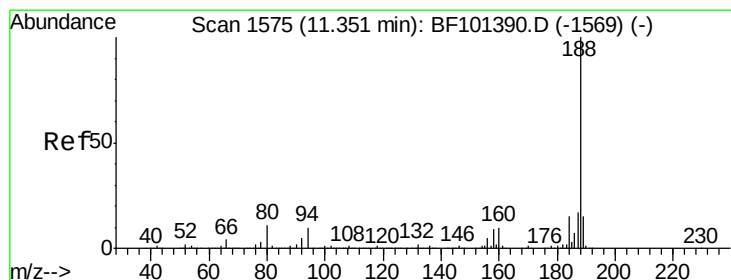
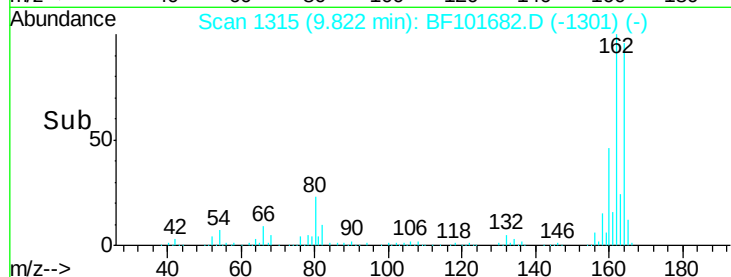
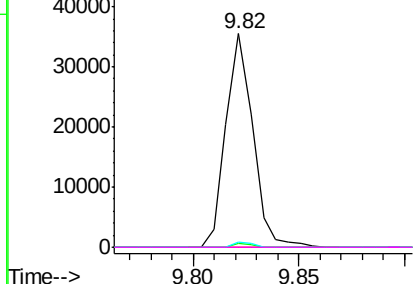


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

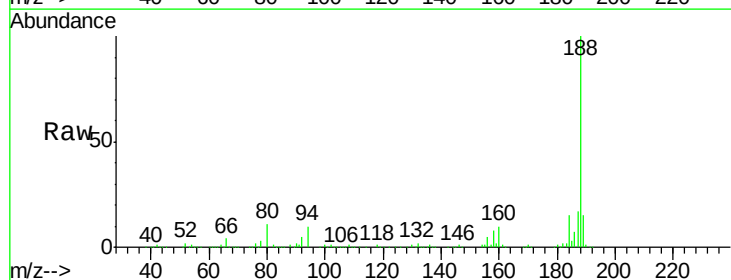
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

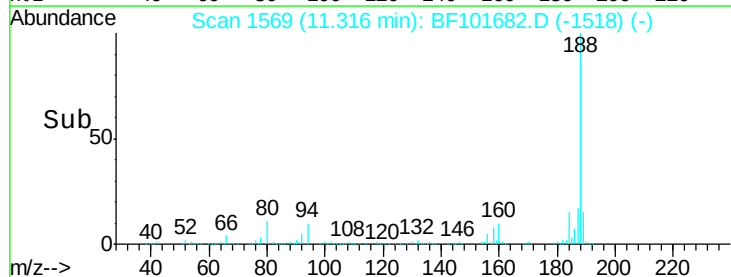
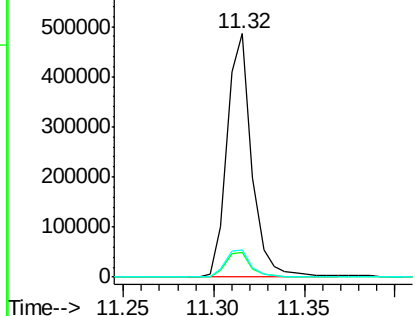
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

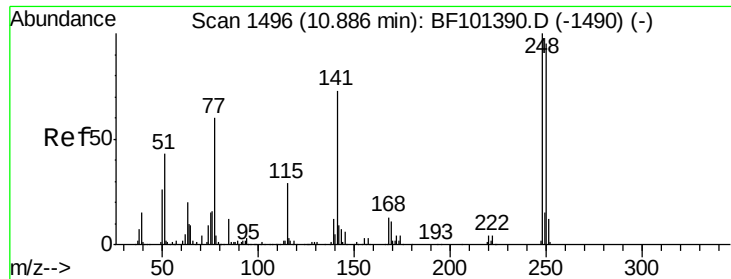


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

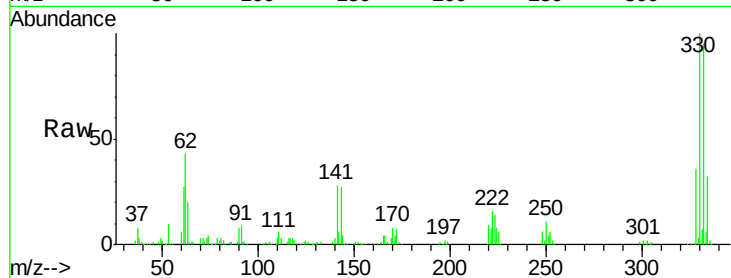




#66
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tot Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	471.4	74.4	111.6#

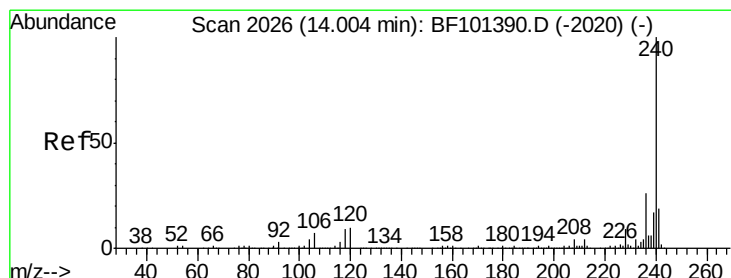
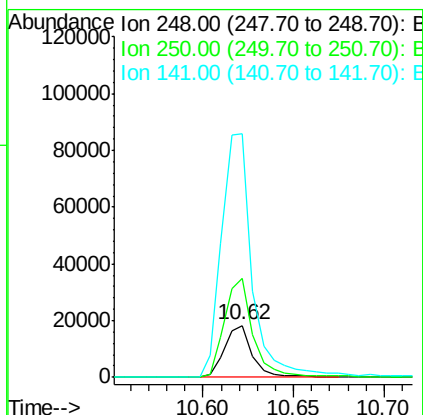
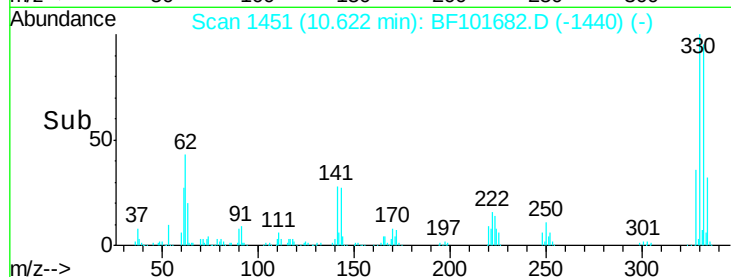


Abundance

Ion 248.00 (247.70 to 248.70): E

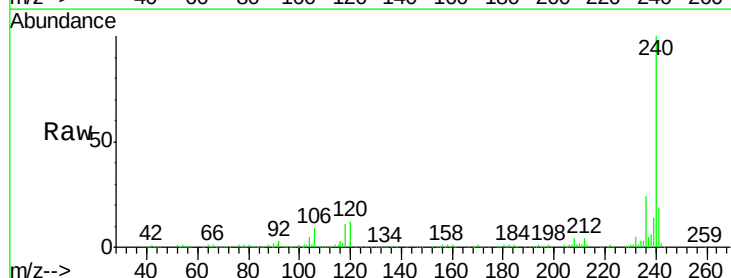
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	24.3	20.7	31.1

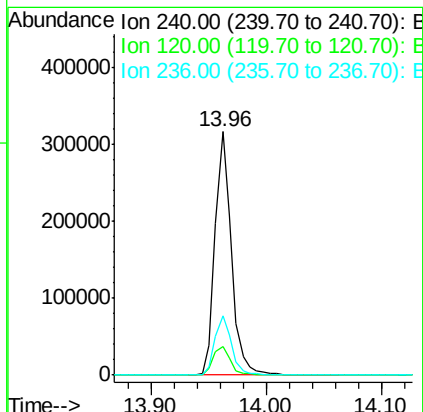
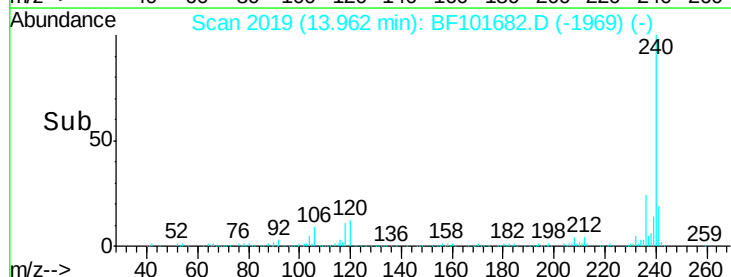


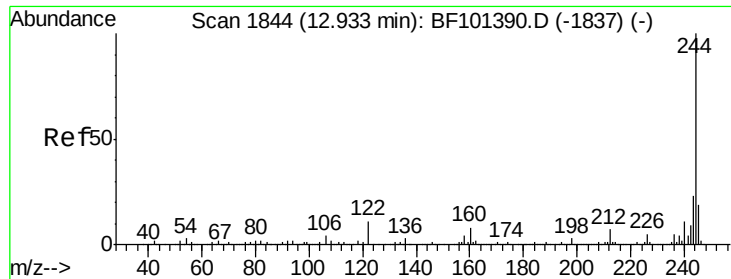
Abundance

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: 98.558 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

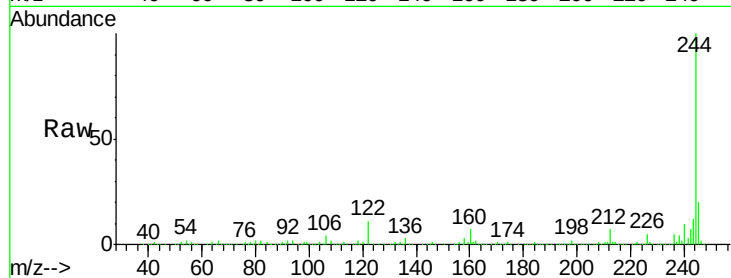
Tot Ion:244 Resp: 1276146

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

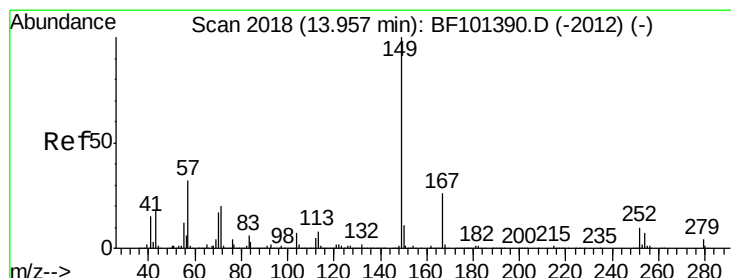
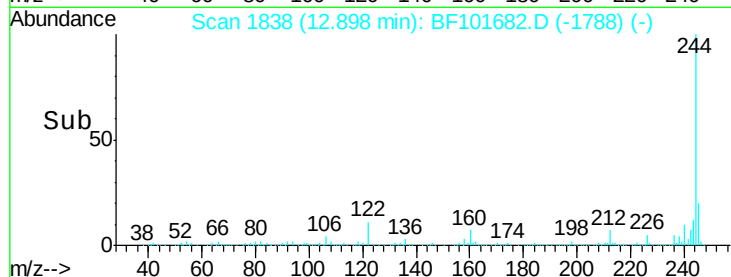
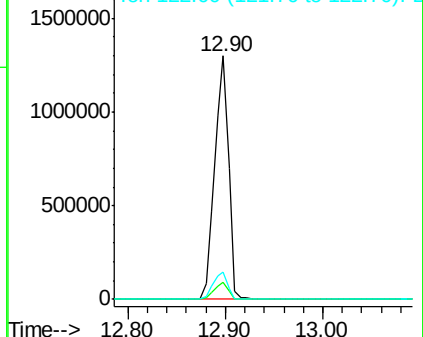
122 11.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.758 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

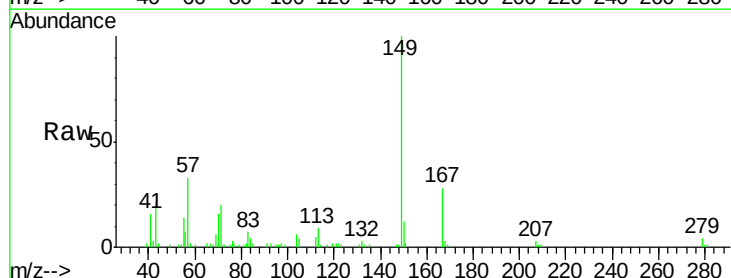
Tgt Ion:149 Resp: 37029

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

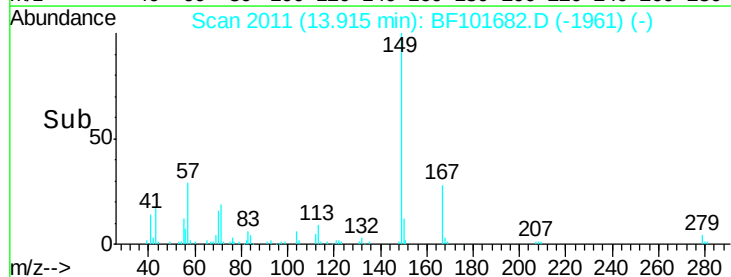
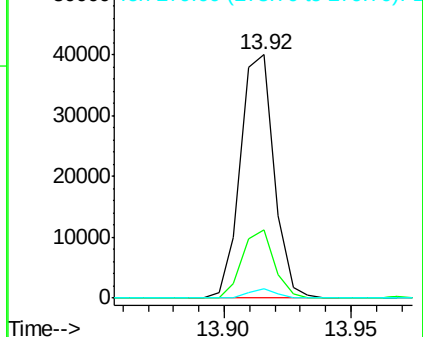
279 3.8 3.0 4.4

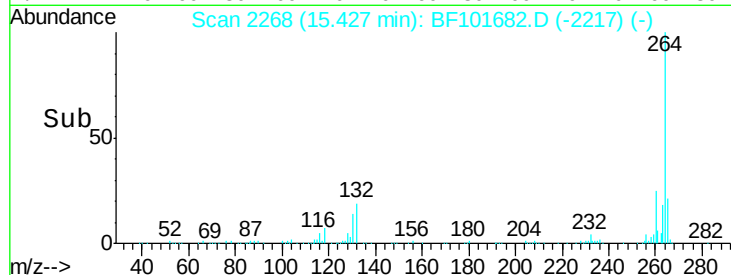
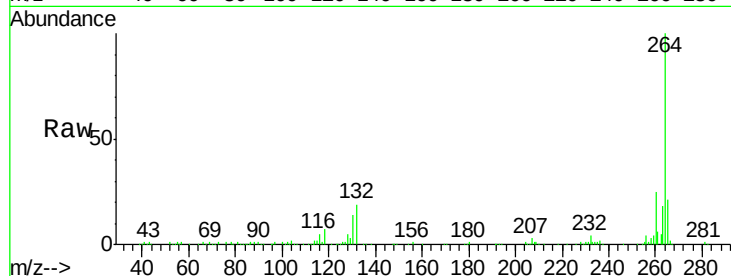
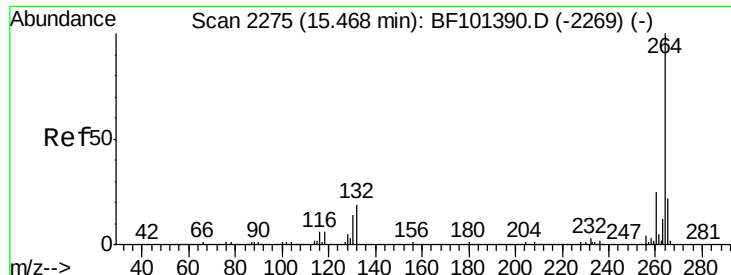


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tot Ion:	264	Resp:	239174
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.5	26.3

