

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107493.D
 Acq On : 19 Jul 2018 4:29
 Operator : JU/SJ
 Sample : J4027-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 05:24:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	116173	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	404760	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	219698	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	428643	20.00	ng	0.00
75) Chrysene-d12	14.17	240	264830	20.00	ng	0.00
86) Perylene-d12	15.71	264	234941	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	592189	77.42	ng	0.00
7) Phenol-d6	6.61	99	767099	77.57	ng	0.00
23) Nitrobenzene-d5	7.55	82	576399	75.94	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	201108	104.18	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1031635	77.31	ng	0.00
78) Terphenyl-d14	13.11	244	927459	87.01	ng	0.00

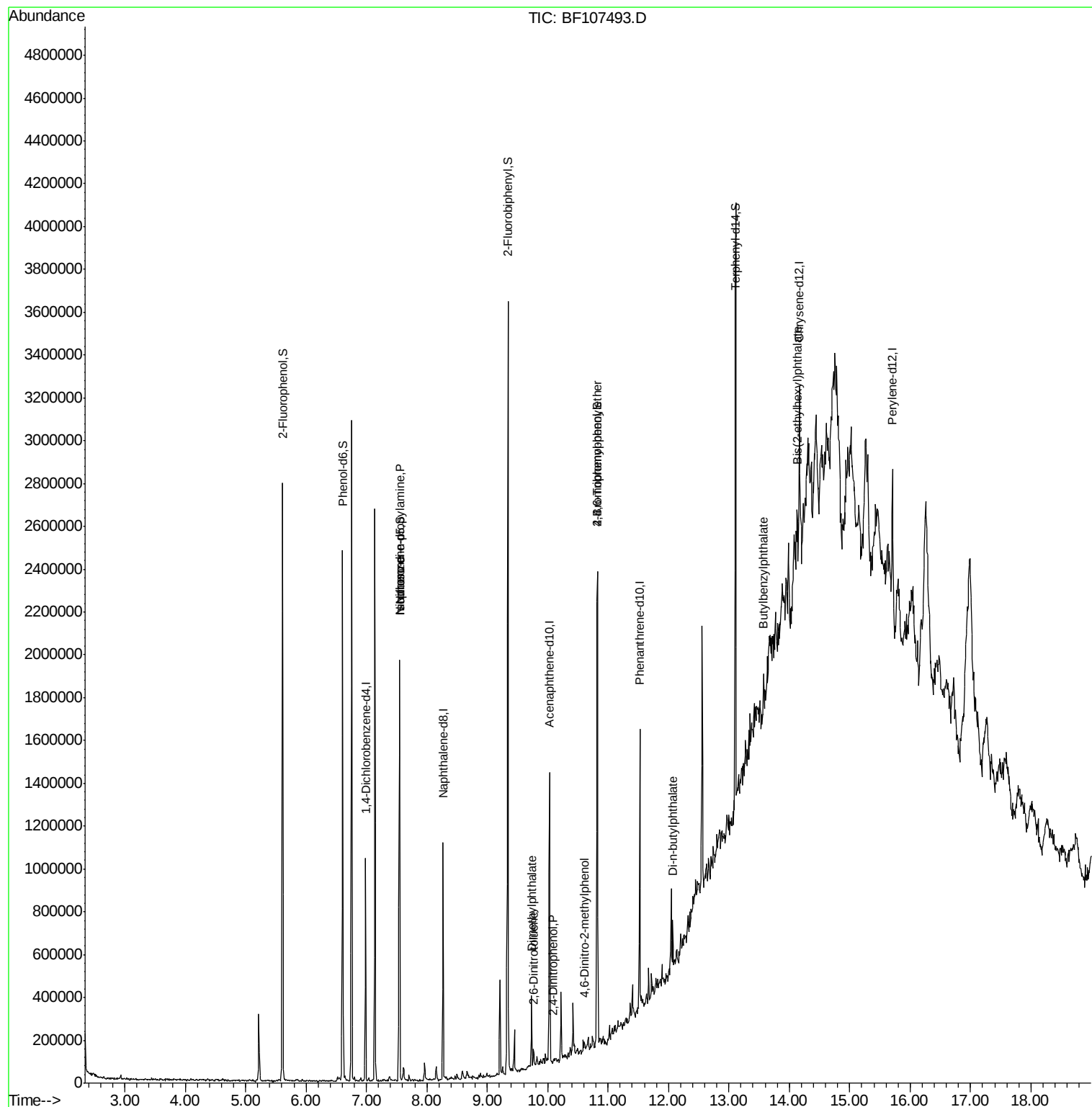
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	92589	13.076	ng	# 79
25) Isophorone	7.55	82	576386	38.310	ng	# 64
49) Dimethylphthalate	9.73	163	104070	5.962	ng	# 97
50) 2,6-Dinitrotoluene	9.77	165	7166	2.151	ng	# 52
53) 2,4-Dinitrophenol	10.08	184	106	2.378	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.61	198	131	7.537	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20822	4.246	ng	# 1
73) Di-n-butylphthalate	12.07	149	80405	3.473	ng	# 95
79) Butylbenzylphthalate	13.58	149	26316	4.012	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.13	149	49722	5.289	ng	# 82

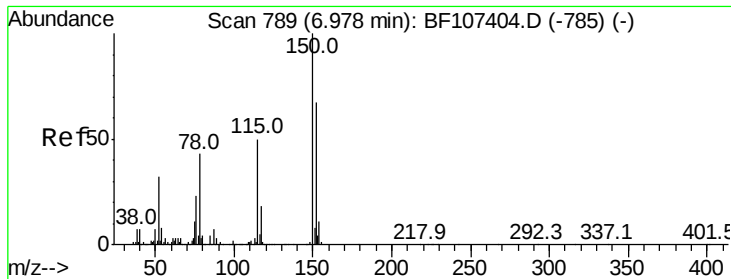
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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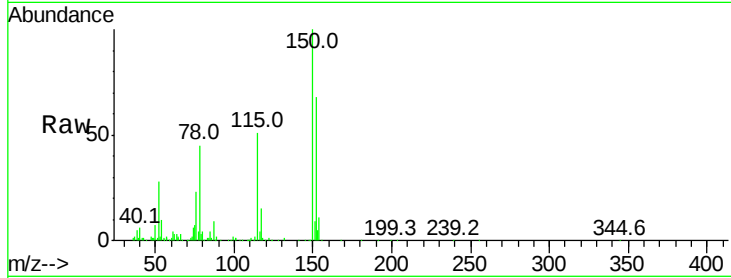


#1

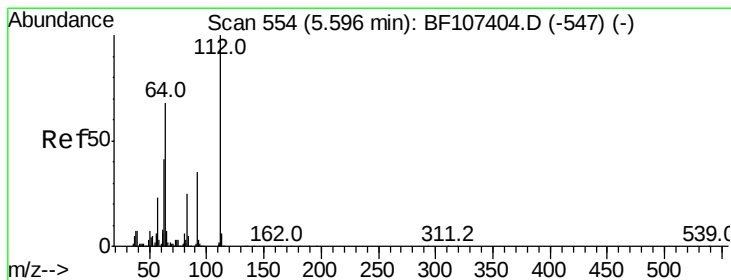
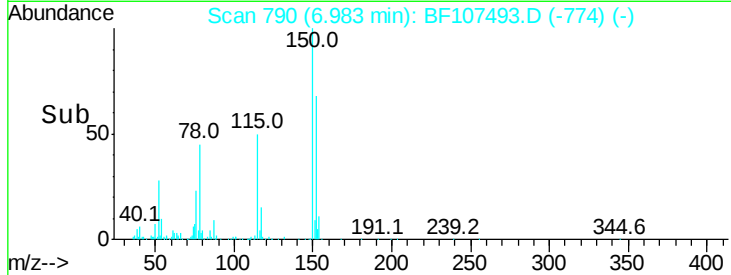
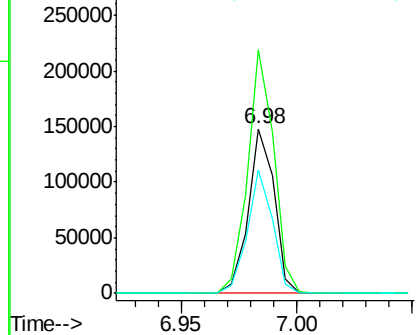
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	124.6	186.8
115	74.9	50.1	75.1



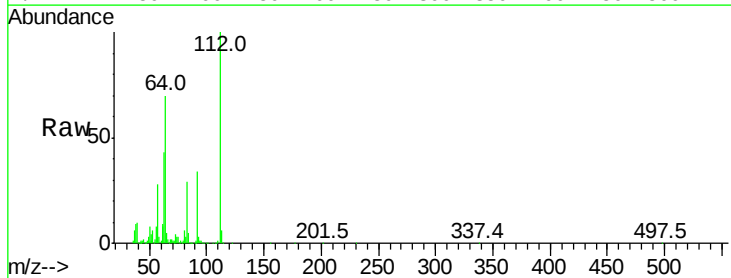
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



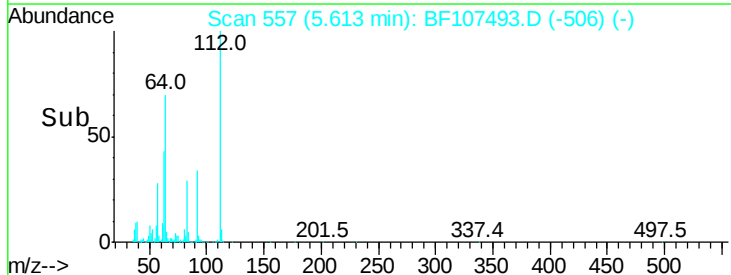
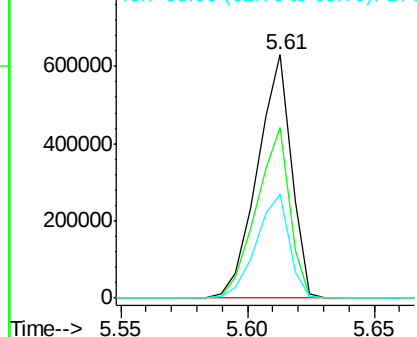
#5

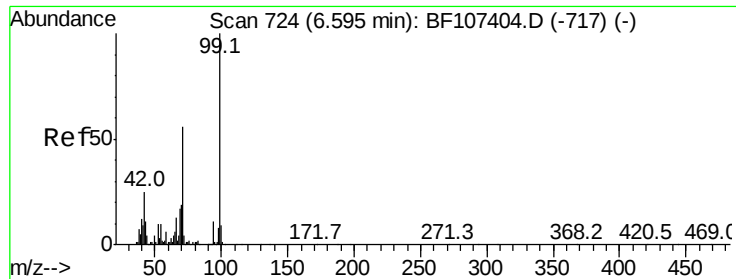
2-Fluorophenol
Concen: 77.418 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	42.6	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: 77.566 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

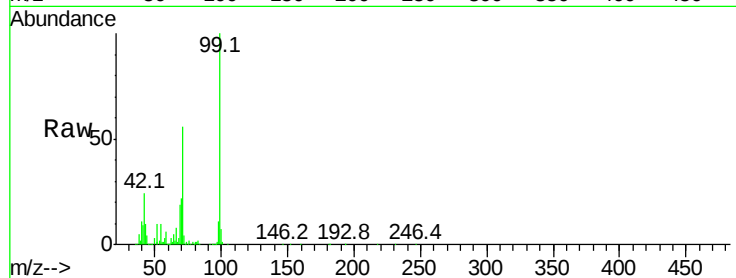
Tot Ion: 99 Resp: 767099

Ion Ratio Lower Upper

99 100

42 24.3 14.5 21.7#

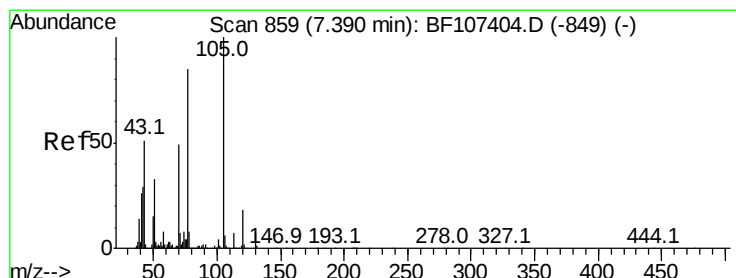
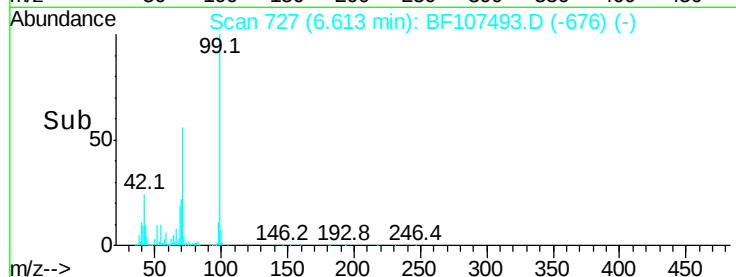
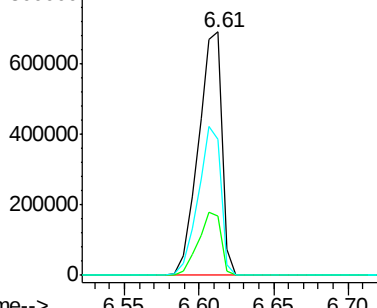
71 55.9 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.076 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Tgt Ion: 70 Resp: 92589

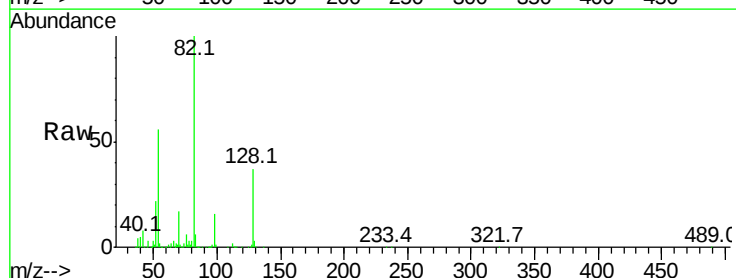
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 1.3 16.6 25.0#

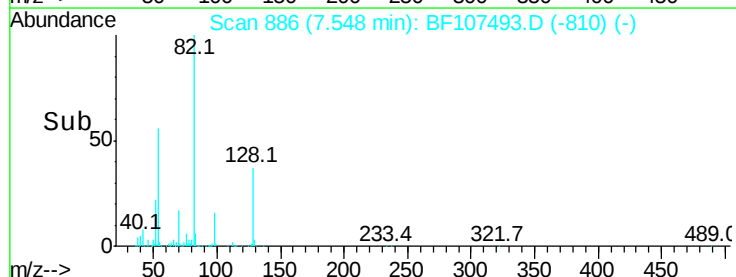
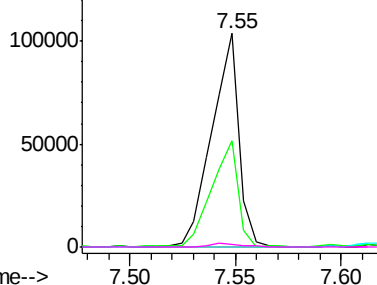


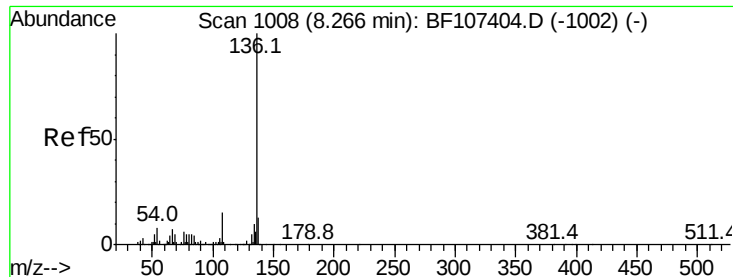
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

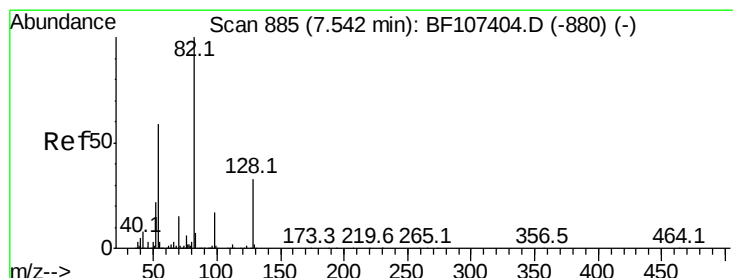
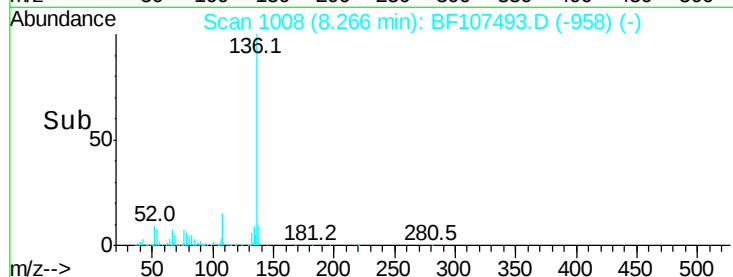
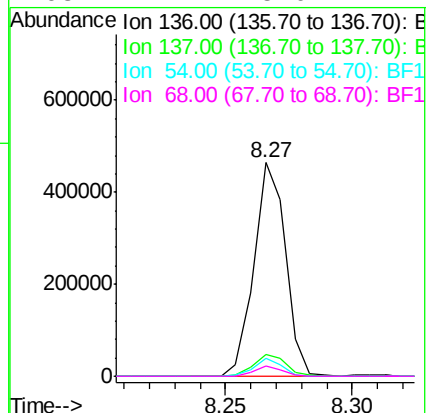
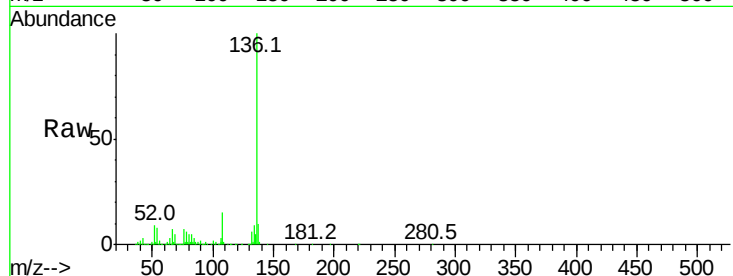




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

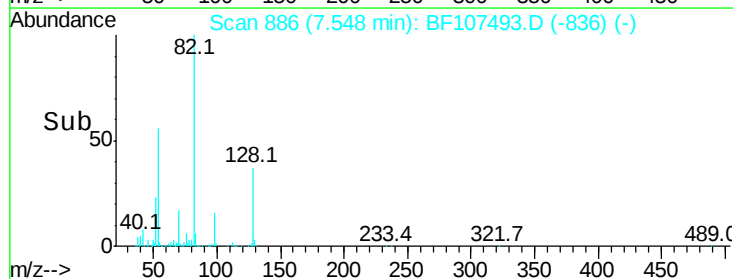
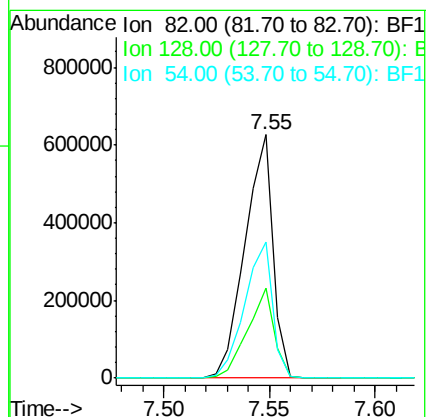
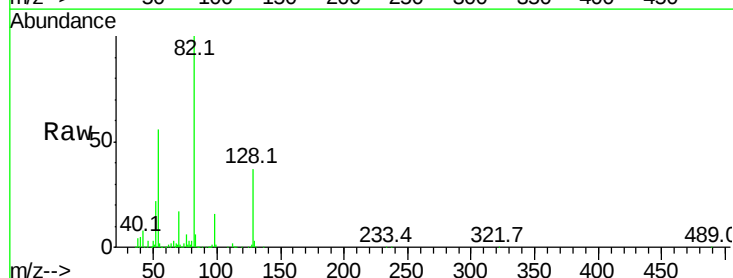
Instrument :
BNA_F
ClientSampleId :

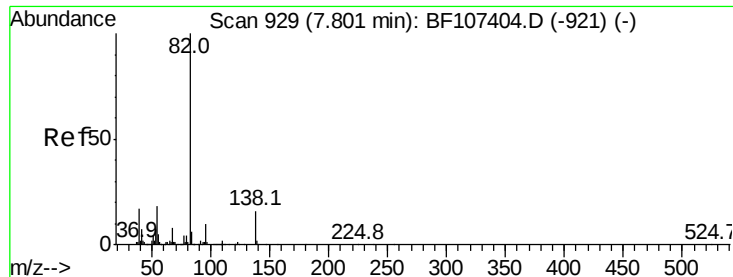
Tot Ion:	136	Resp:	404760
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.2	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 75.936 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Tgt Ion:	82	Resp:	576399
Ion	Ratio	Lower	Upper
82	100		
128	36.8	36.1	54.1
54	56.1	41.4	62.2





#25

Isophorone

Concen: 38.310 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

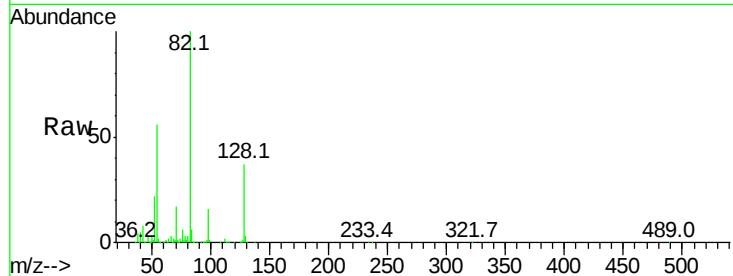
Tot Ion: 82 Resp: 576386

Ion Ratio Lower Upper

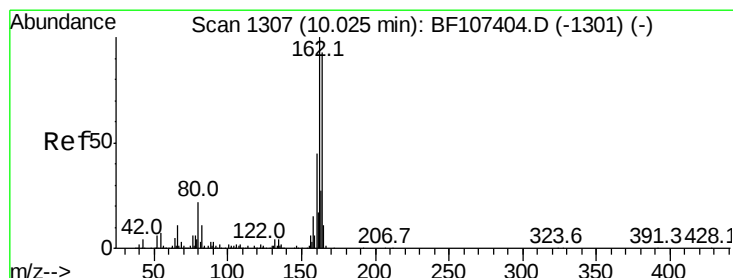
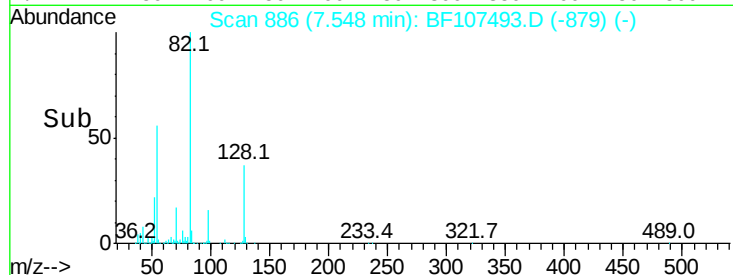
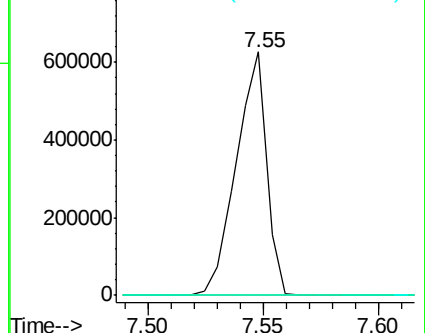
82 100

95 0.1 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

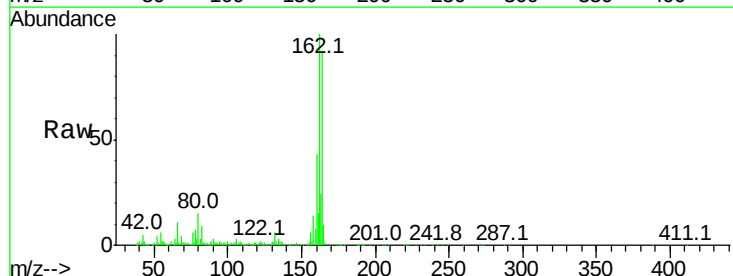
Tgt Ion: 164 Resp: 219698

Ion Ratio Lower Upper

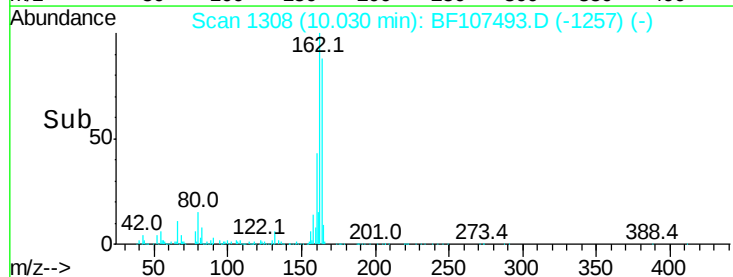
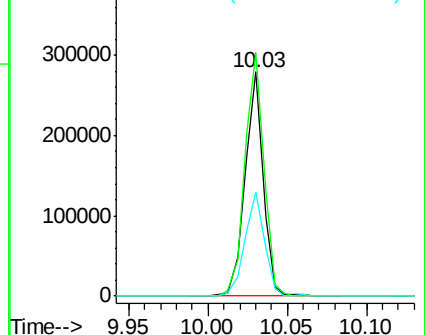
164 100

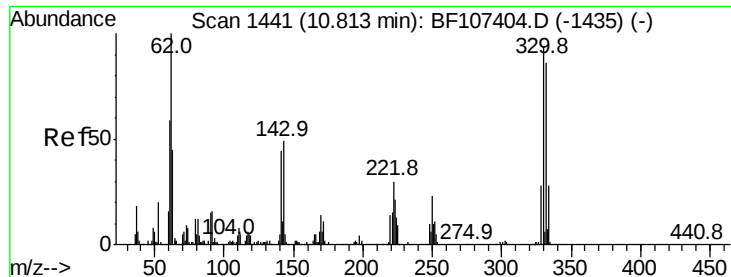
162 108.5 86.1 129.1

160 46.3 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

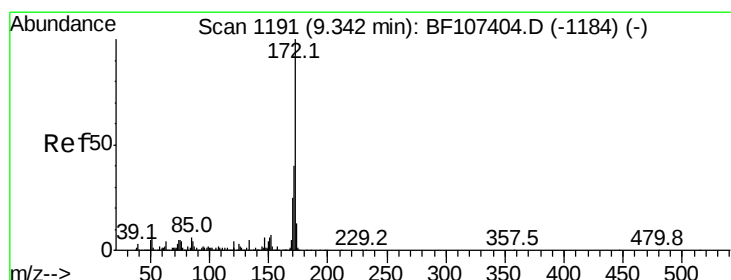
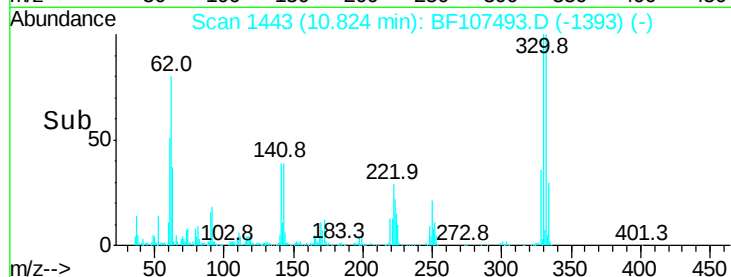
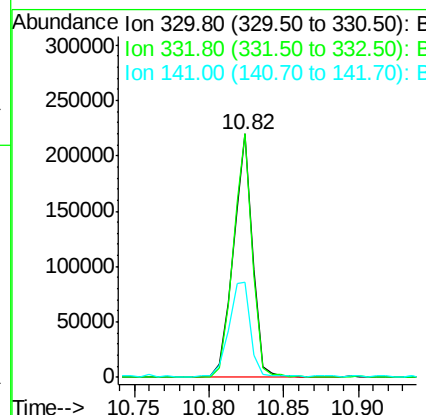
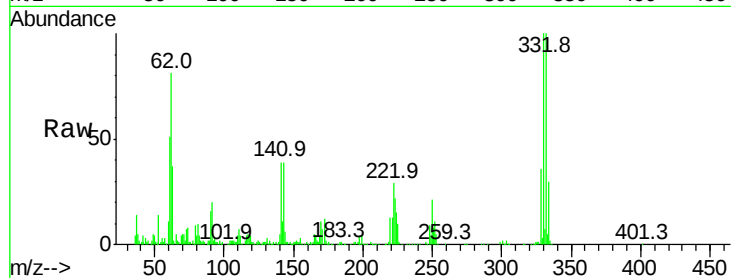




#41
 2,4,6-Tribromophenol
 Concen: 104.185 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

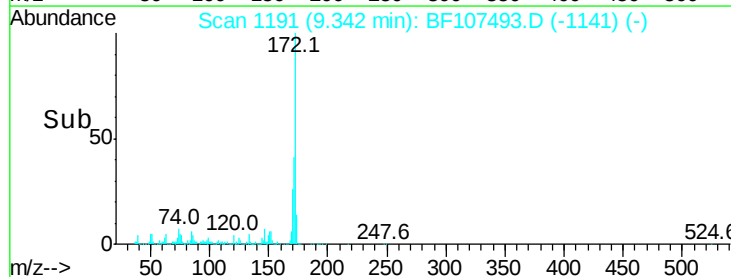
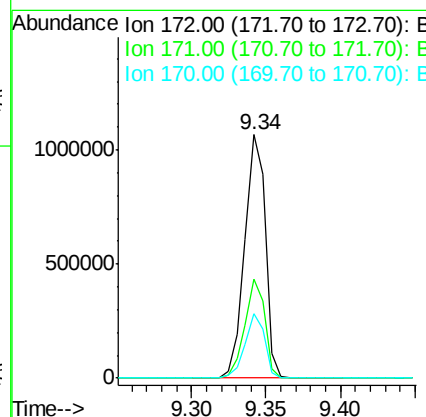
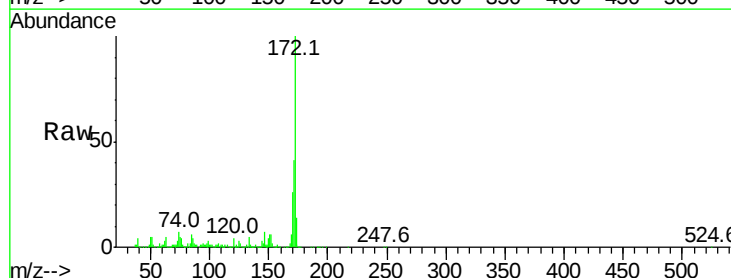
Instrument :
 BNA_F
 ClientSampled :

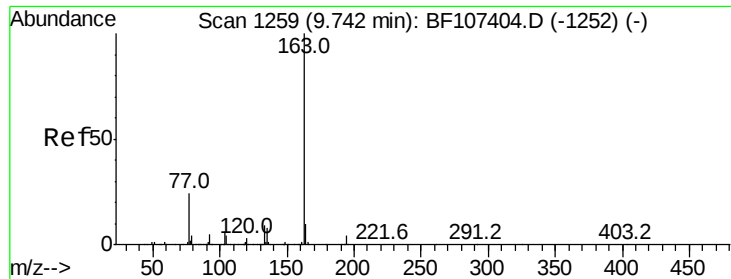
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	44.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.313 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.9	29.7	44.5
170	26.2	19.6	29.4

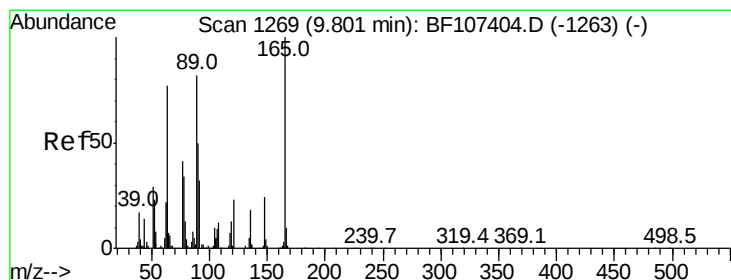
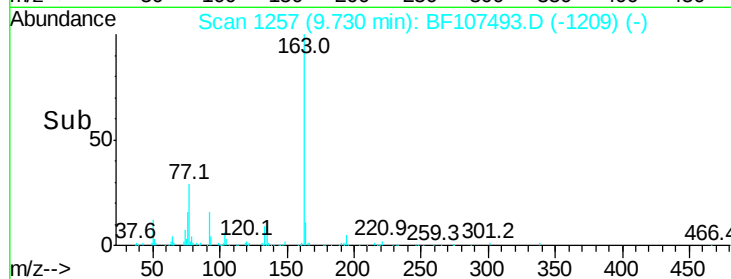
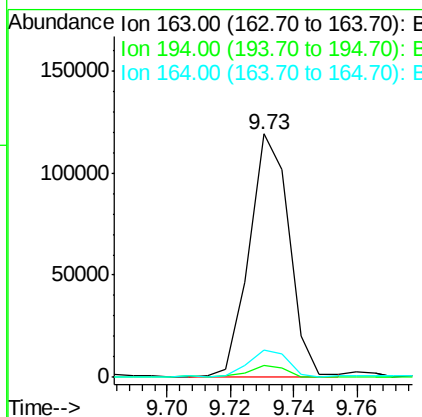
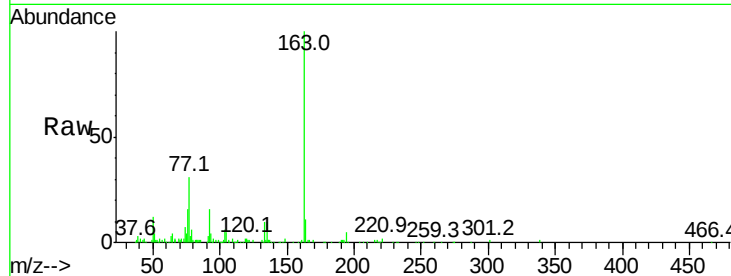




#49
Dimethylphthalate
Concen: 5.962 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

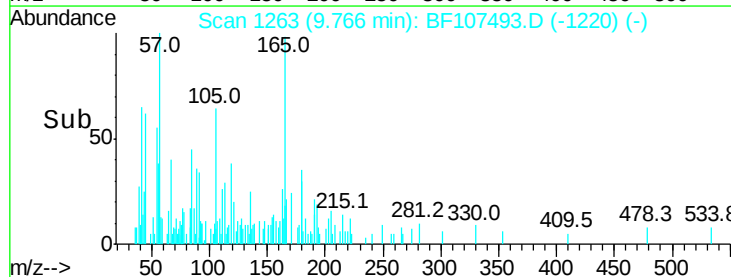
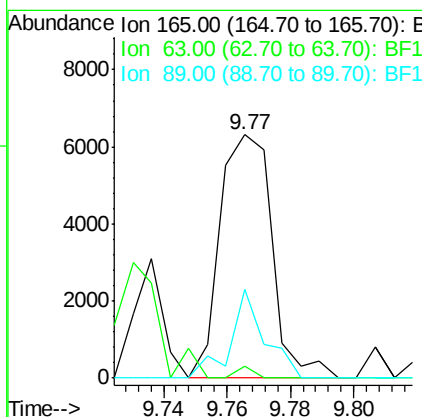
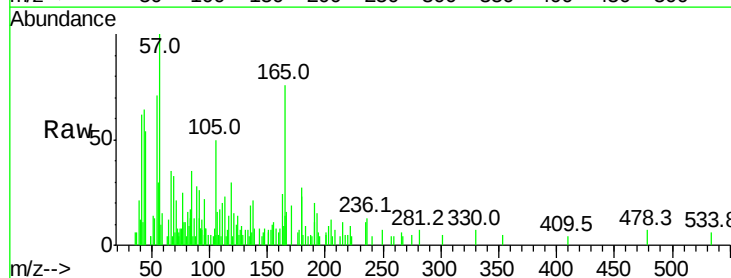
Instrument :
BNA_F
ClientSampleId :

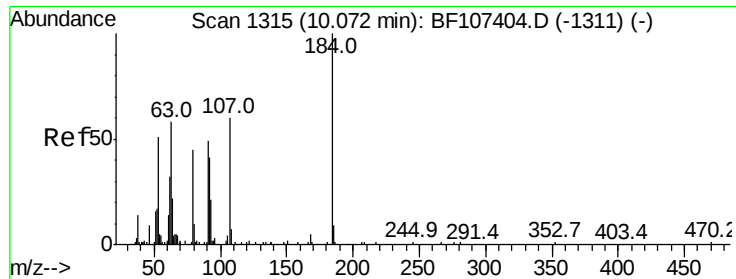
Tot Ion:163 Resp: 104070
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 11.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 2.151 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Tgt Ion:165 Resp: 7166
Ion Ratio Lower Upper
165 100
63 5.0 44.7 67.1#
89 36.6 44.0 66.0#

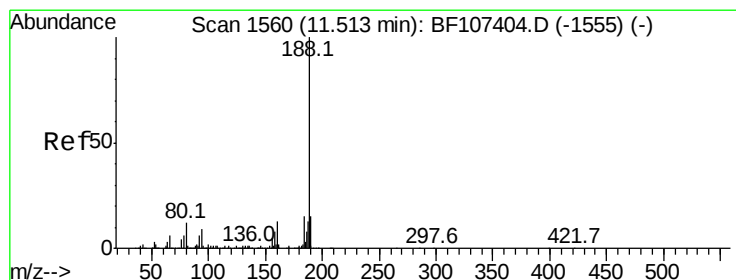
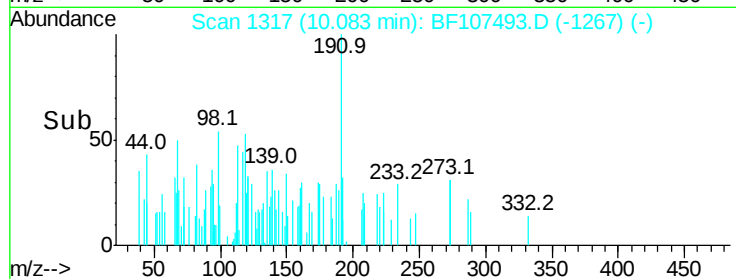
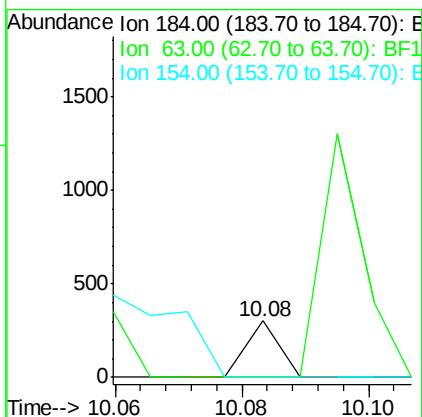
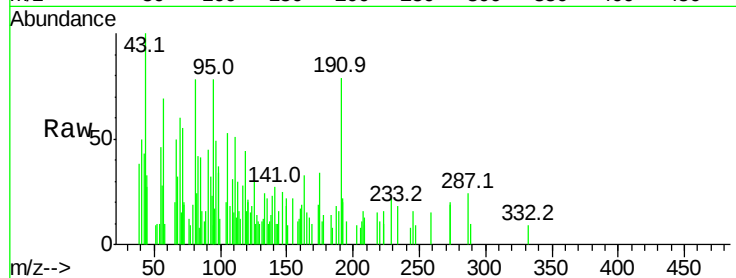




#53
 2,4-Dinitrophenol
 Concen: 2.378 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

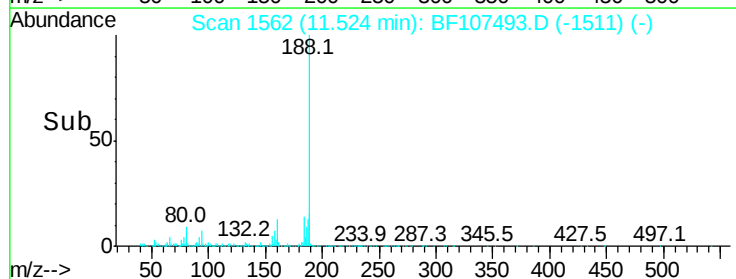
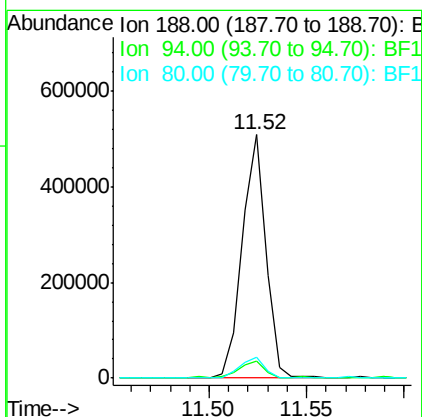
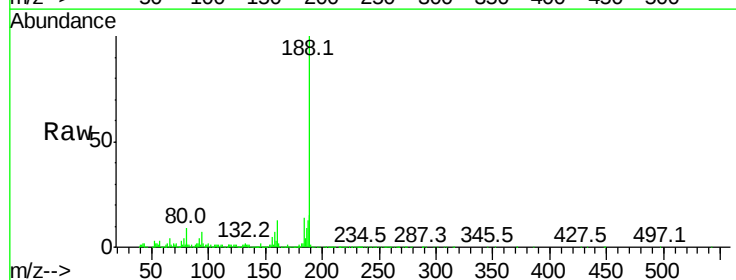
Instrument :
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 ClientSampleId :

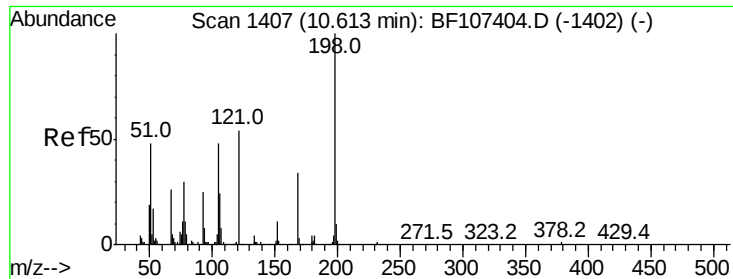
Tot Ion:184 Resp: 106
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107493.D
 Acq: 19 Jul 2018 4:29

Tgt Ion:188 Resp: 428643
 Ion Ratio Lower Upper
 188 100
 94 6.9 8.5 12.7#
 80 8.7 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 7.537 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

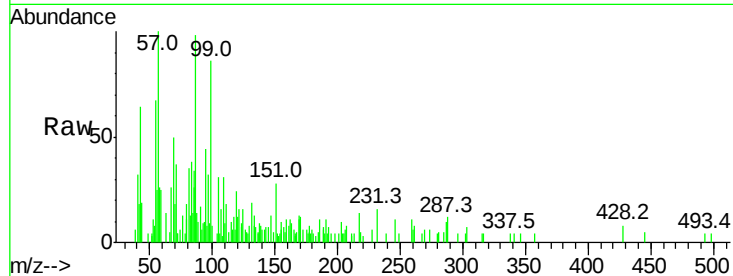
Tot Ion:198 Resp: 131

Ion Ratio Lower Upper

198 100

51 107.0 37.7 77.7#

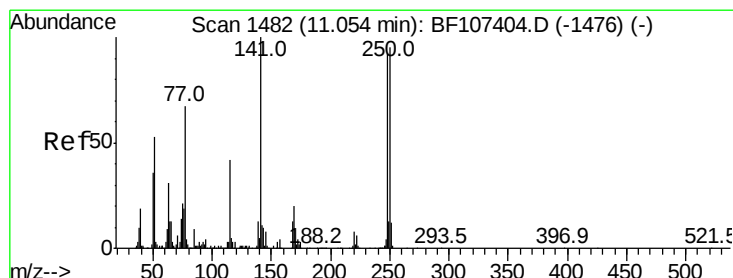
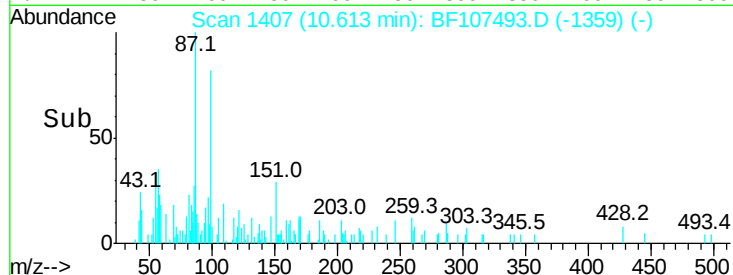
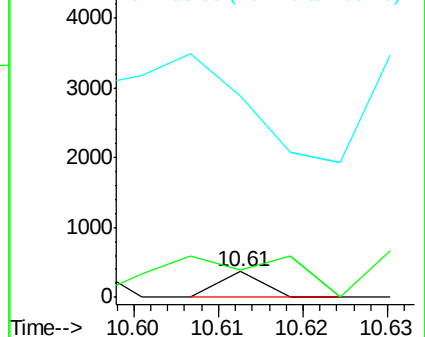
105 775.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.246 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.24 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

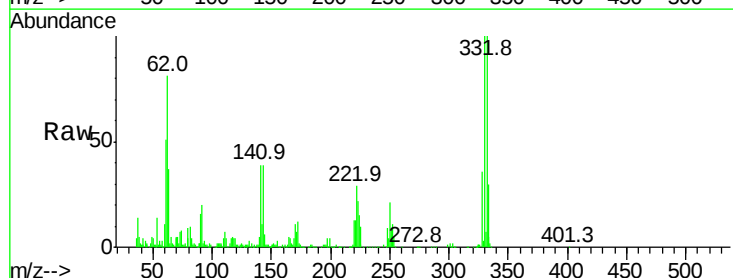
Tgt Ion:248 Resp: 20822

Ion Ratio Lower Upper

248 100

250 238.2 76.9 115.3#

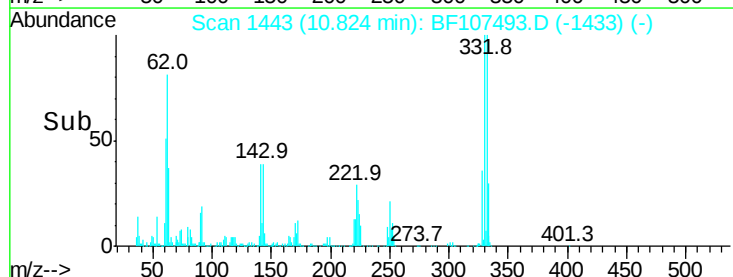
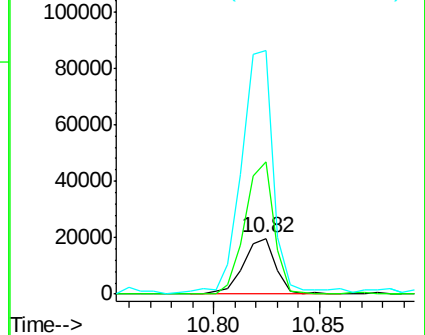
141 438.0 74.4 111.6#

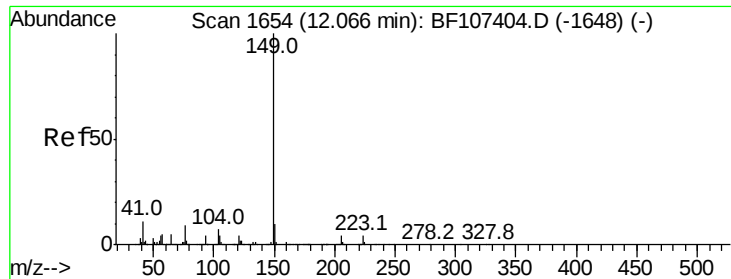


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 3.473 ng

RT: 12.07 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

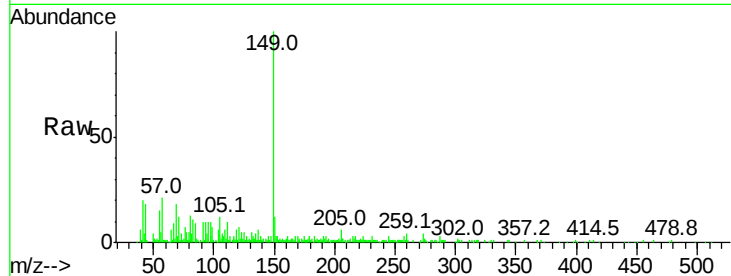
Tot Ion:149 Resp: 80405

Ion Ratio Lower Upper

149 100

150 11.8 7.8 11.6#

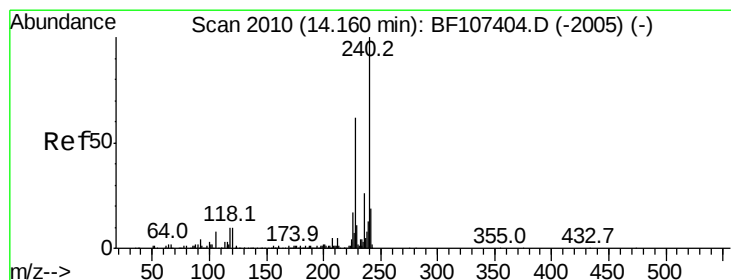
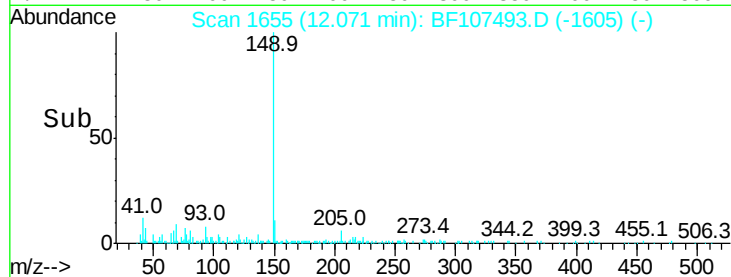
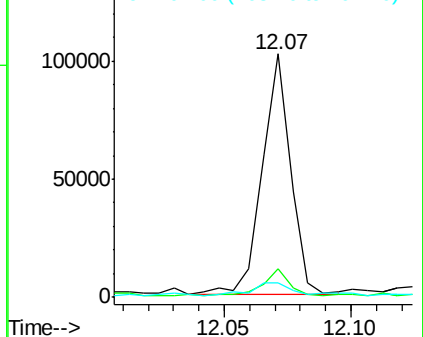
104 6.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

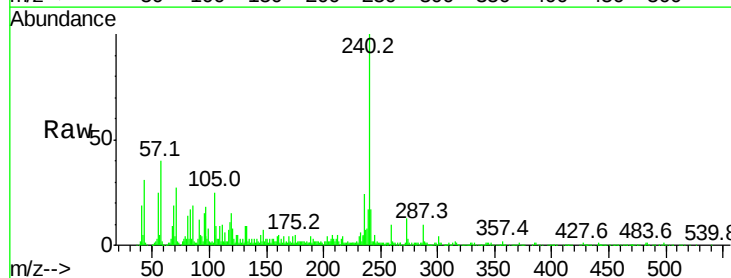
Tgt Ion:240 Resp: 264830

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

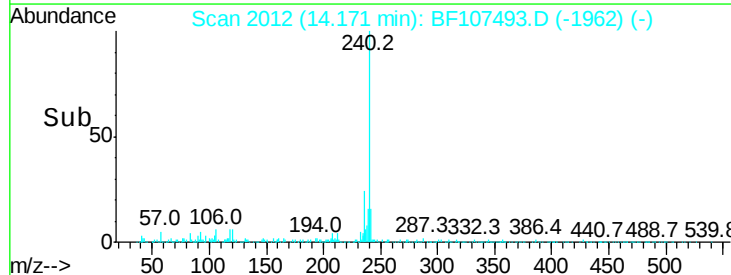
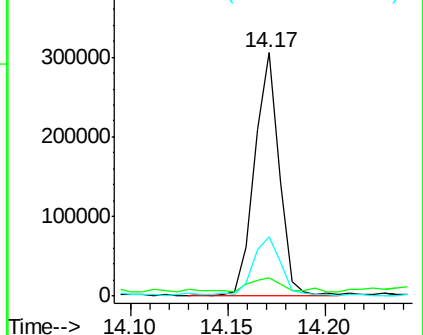
236 24.3 20.7 31.1

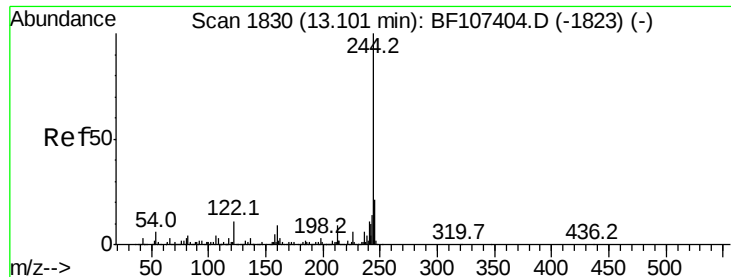


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.012 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

Instrument :

BNA_F

ClientSampled :

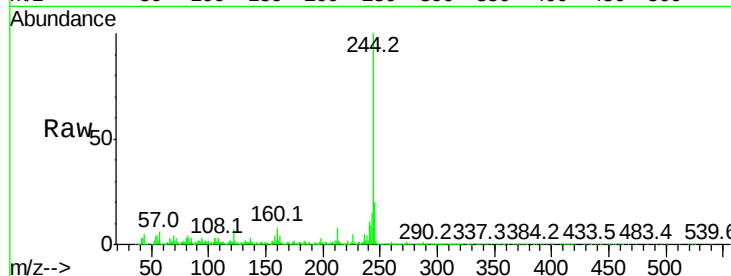
Tot Ion:244 Resp: 927459

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

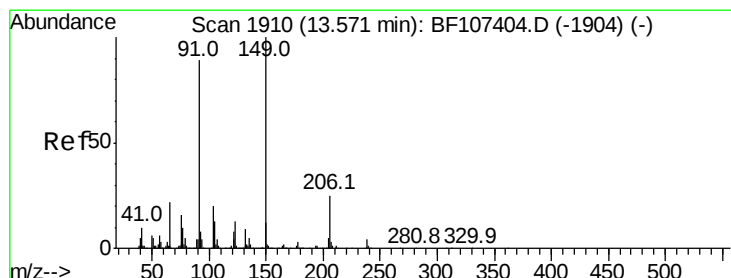
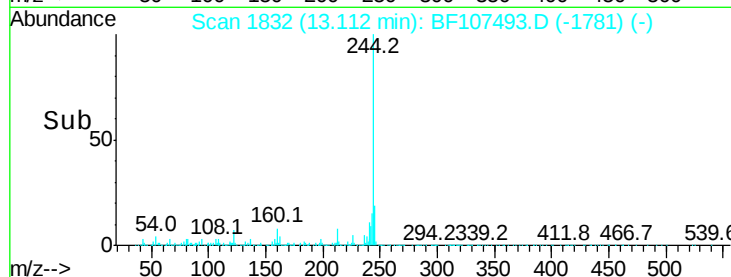
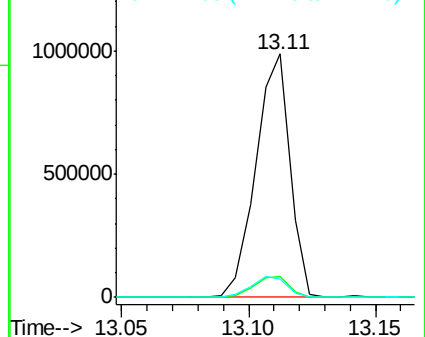
122 7.4 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 4.012 ng

RT: 13.58 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF107493.D

Acq: 19 Jul 2018 4:29

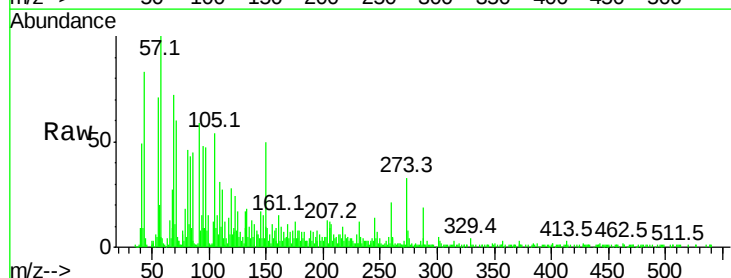
Tgt Ion:149 Resp: 26316

Ion Ratio Lower Upper

149 100

91 117.8 56.8 85.2#

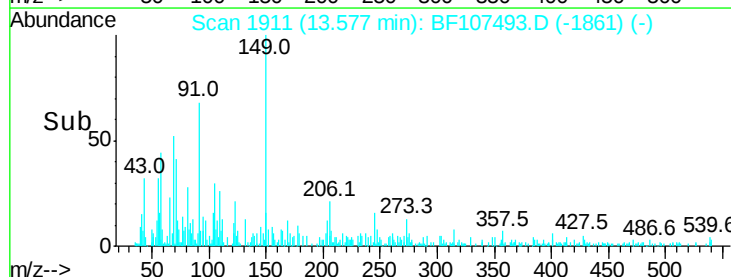
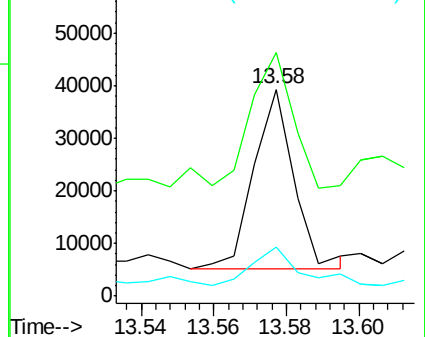
206 23.7 14.1 21.1#

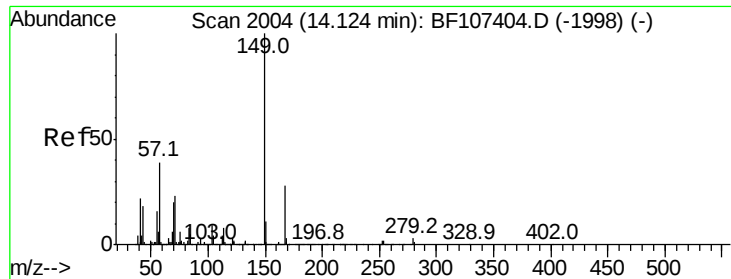


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

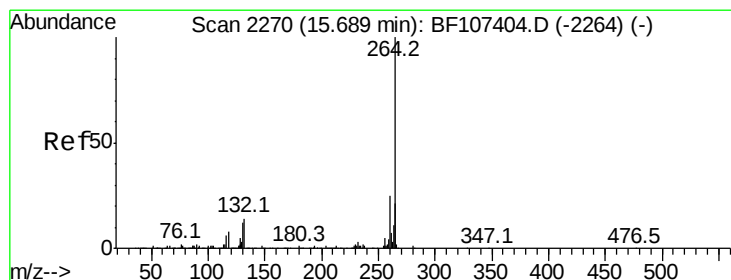
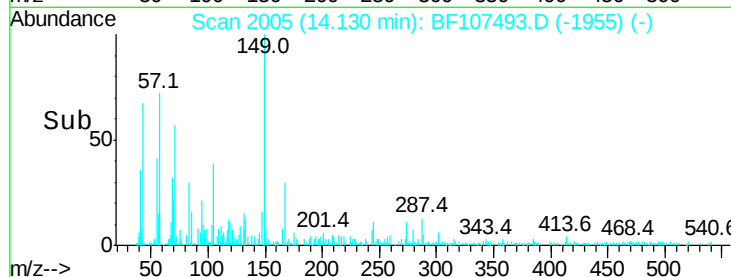
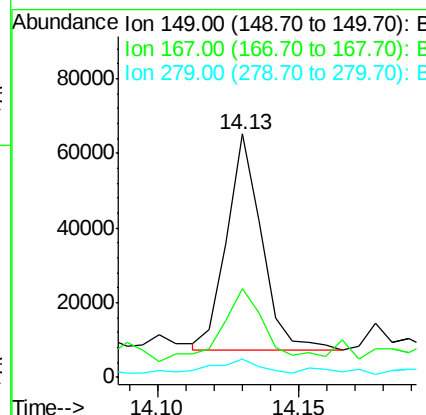
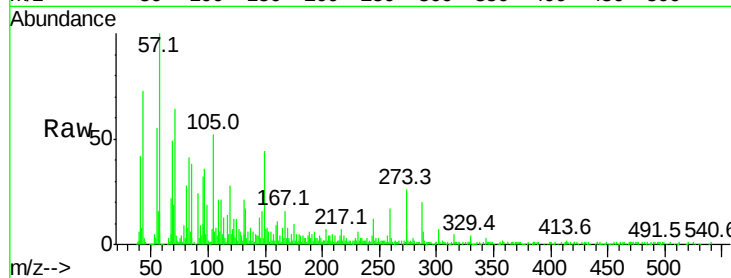




#83
Bis(2-ethylhexyl)phthalate
Concen: 5.289 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 49722
Ion Ratio Lower Upper
149 100
167 36.2 21.3 31.9#
279 7.8 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF107493.D
Acq: 19 Jul 2018 4:29

Tgt Ion:264 Resp: 234941
Ion Ratio Lower Upper
264 100
260 29.6 19.2 28.8#
265 24.5 17.5 26.3

