

Data File : BF093041.D
Acq On : 20 Feb 2017 21:10
Operator : SJ/MA
Sample : I1911-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONFIRETOWER-ERM-33

Quant Time: Feb 20 23:44:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142628	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	552945	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	277389	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	493851	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	442126	20.00	ng	-0.01
86) Perylene-d12	15.44	264	319552	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	538906	64.82	ng	-0.01
7) Phenol-d6	6.48	99	418803	39.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	832938	83.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	301707	150.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1608335	105.04	ng	0.00
78) Terphenyl-d14	12.96	244	1337113	71.06	ng	-0.01

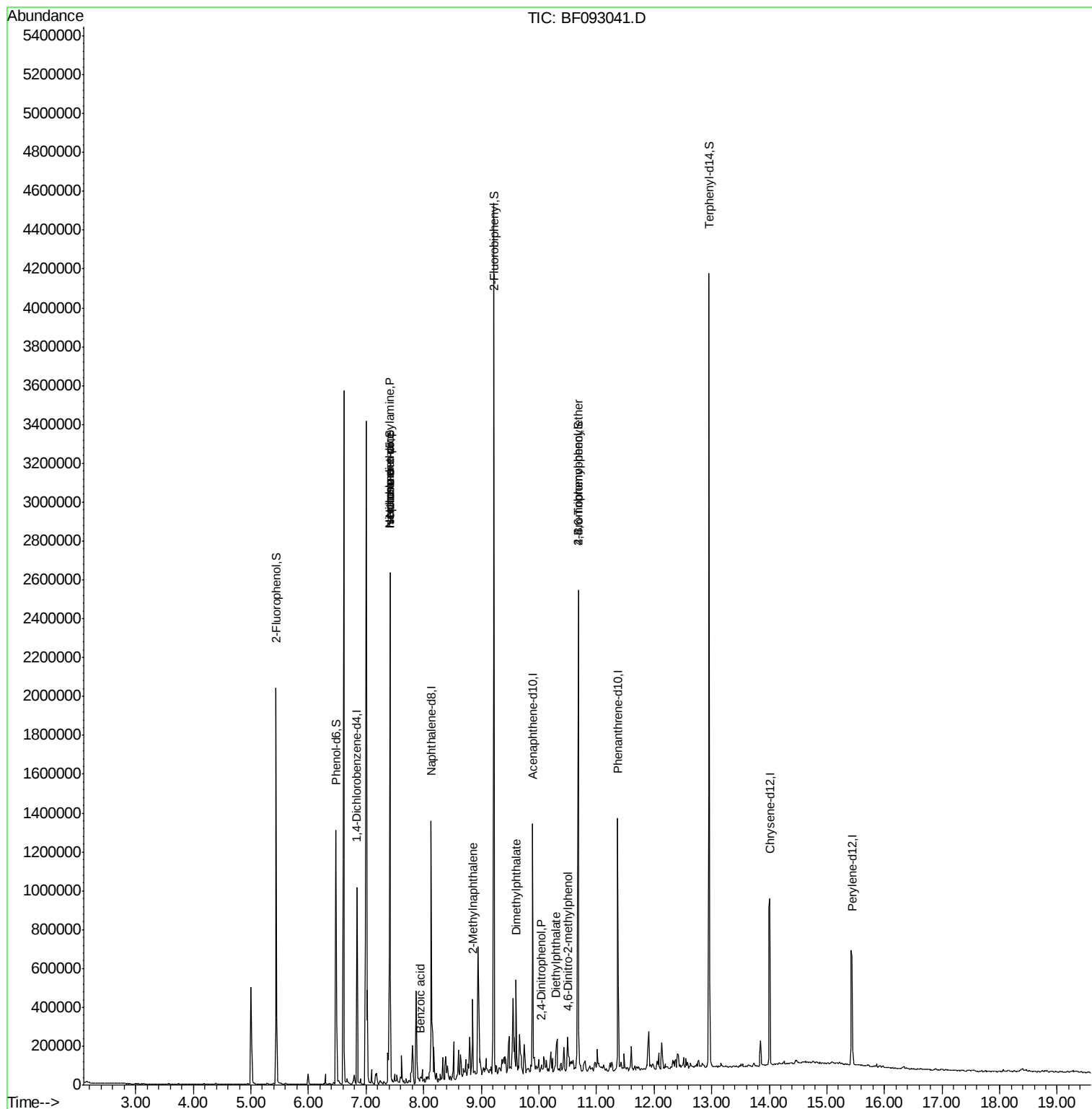
Target Compounds						Qvalue
18) Hexachloroethane	7.41	117	99170	26.72	ng	# 2
19) n-Nitroso-di-n-propylamine	7.41	70	111250	16.34	ng	# 82
25) Isophorone	7.41	82	679531	36.73	ng	# 65
32) Benzoic acid	7.94	122	259	7.21	ng	# 69
37) 2-Methylnaphthalene	8.85	142	121411	6.75	ng	97
49) Dimethylphthalate	9.61	163	183062	9.80	ng	98
53) 2,4-Dinitrophenol	10.04	184	1060	5.22	ng	# 29
59) Diethylphthalate	10.30	149	56960	3.23	ng	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	622	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	24113	4.67	ng	# 1

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

ALS Vial : 13 Sample Multiplier: 1

HARMONFIRETOWER-ERM-33

Response via : Initial Calibration

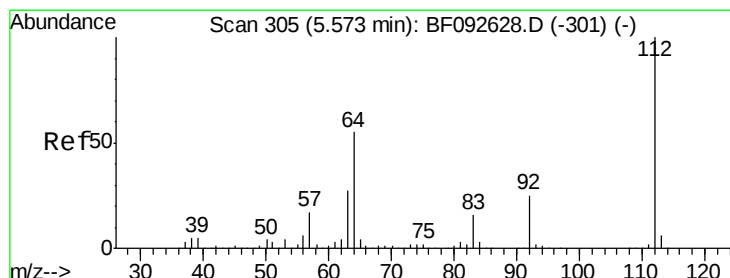
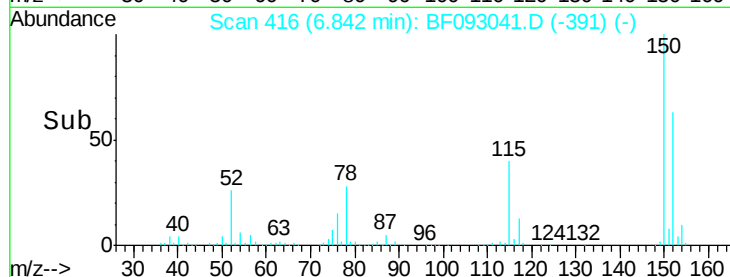
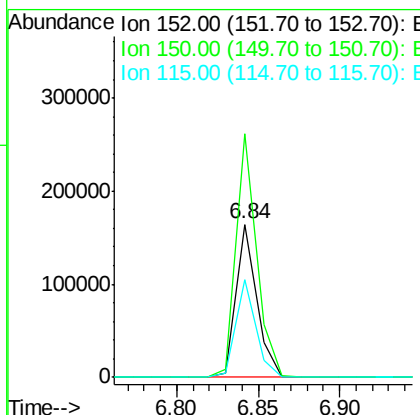
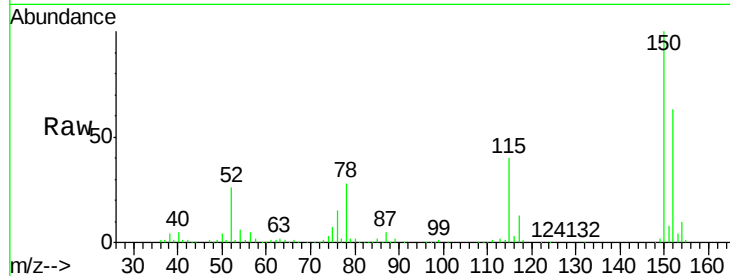




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093041.D
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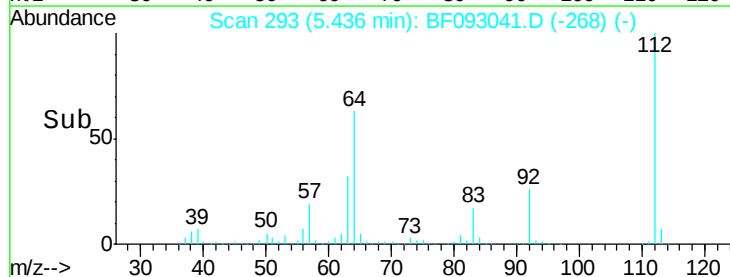
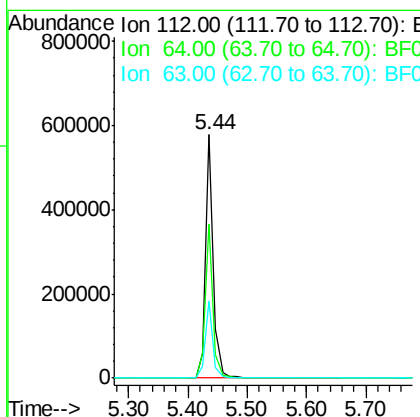
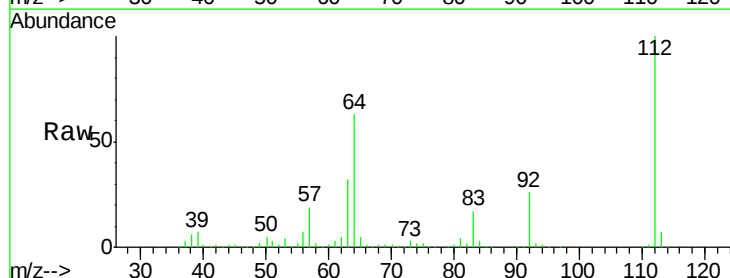
Instrument :
 BNA_F
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 HARMONFIRETOWER-ERM-33

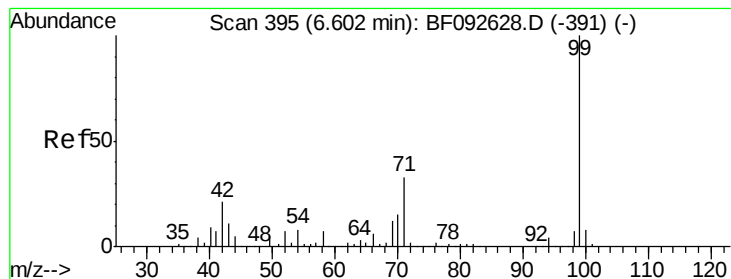
Tgt Ion:152 Resp: 142628
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.9 187.3
 115 63.9 46.0 69.0



#5
 2-Fluorophenol
 Concen: 64.82 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion:112 Resp: 538906
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.1 69.1
 63 31.8 23.8 35.6





#7

Phenol-d6

Concen: 39.15 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

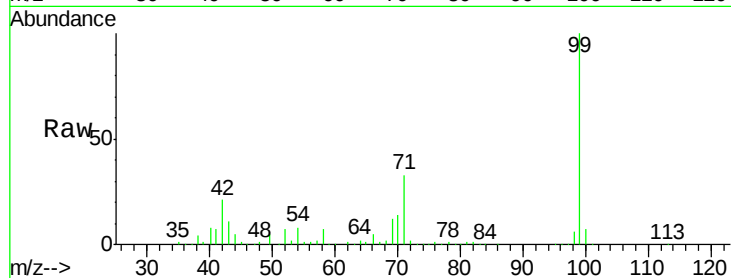
Tgt Ion: 99 Resp: 418803

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

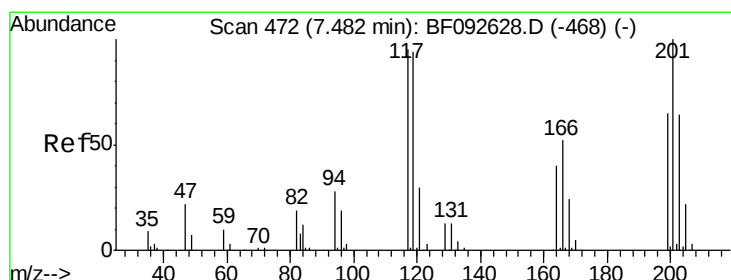
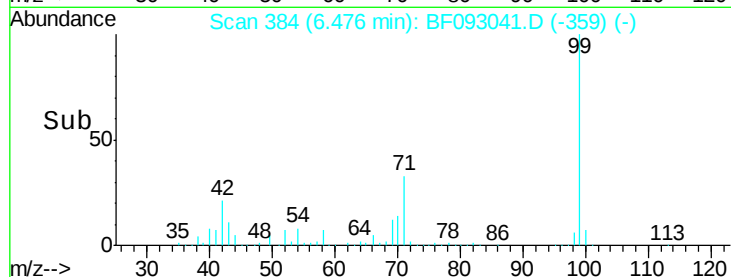
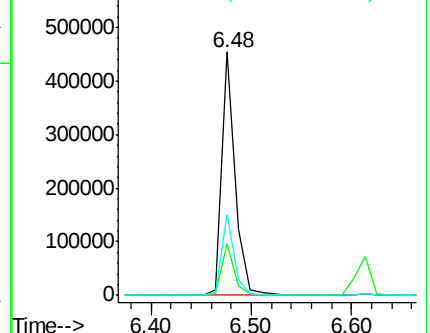
71 33.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 26.72 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.05 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

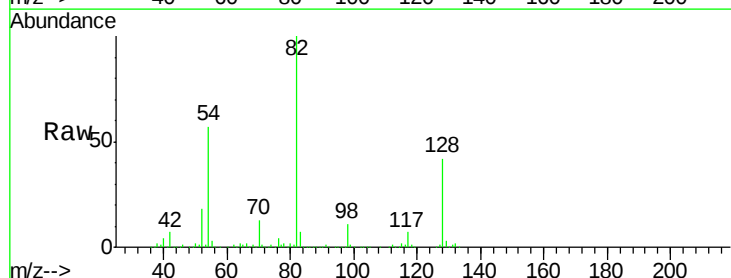
Tgt Ion: 117 Resp: 99170

Ion Ratio Lower Upper

117 100

119 1.2 78.1 117.1#

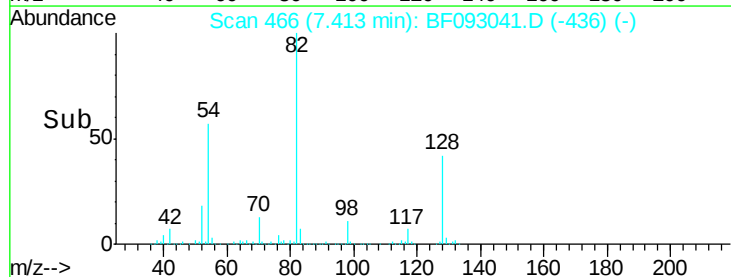
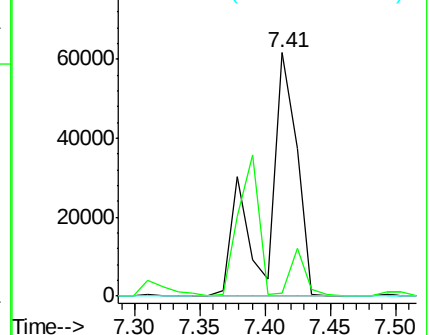
201 0.0 78.6 117.8#

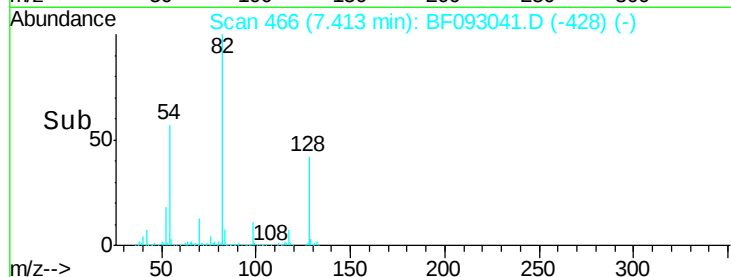
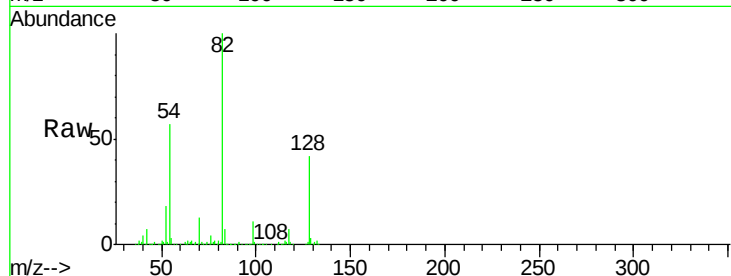
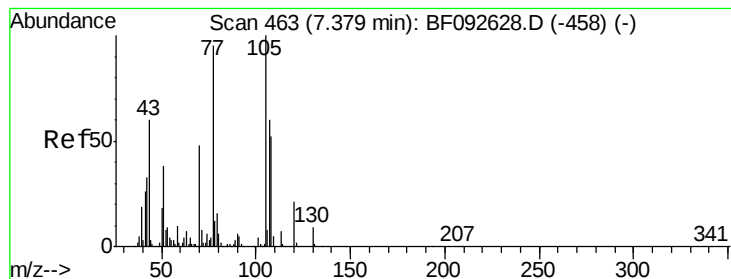


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

Tgt Ion: 70 Resp: 111250

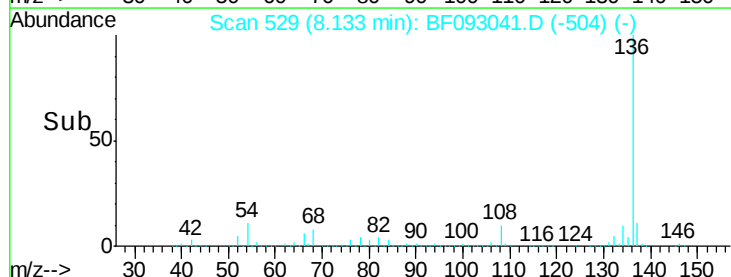
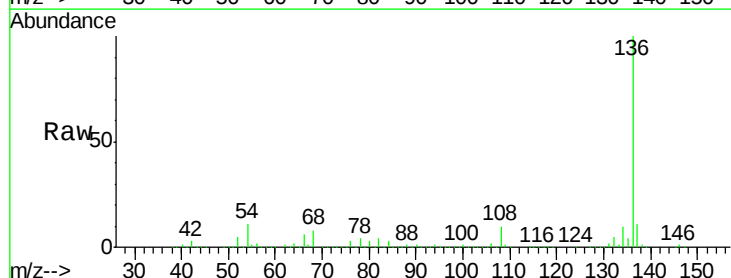
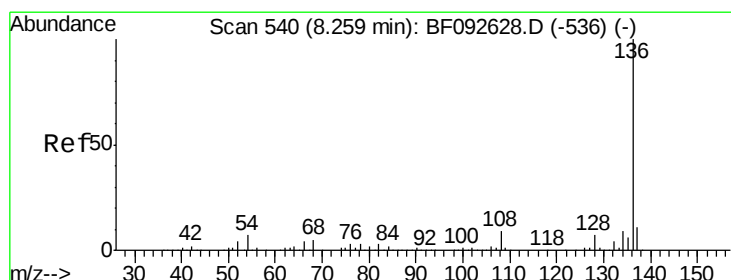
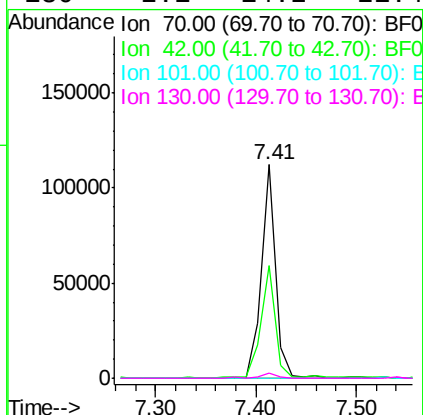
Ion Ratio Lower Upper

70 100

42 53.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Tgt Ion: 136 Resp: 552945

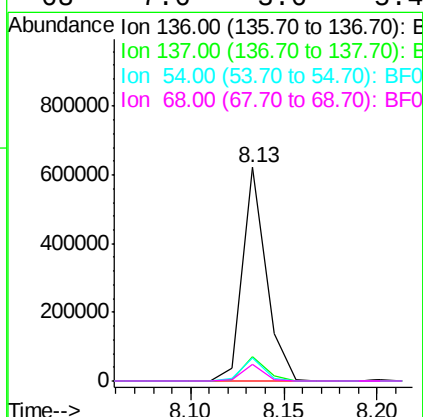
Ion Ratio Lower Upper

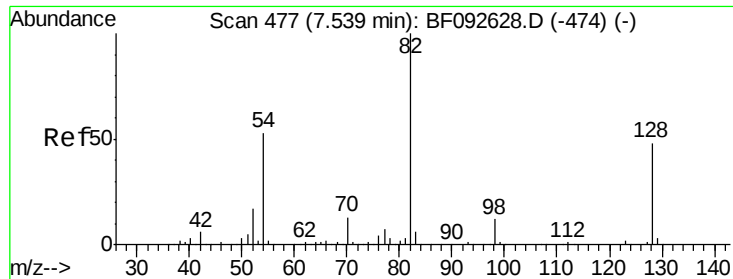
136 100

137 11.3 8.4 12.6

54 10.8 4.5 6.7#

68 7.6 3.6 5.4#

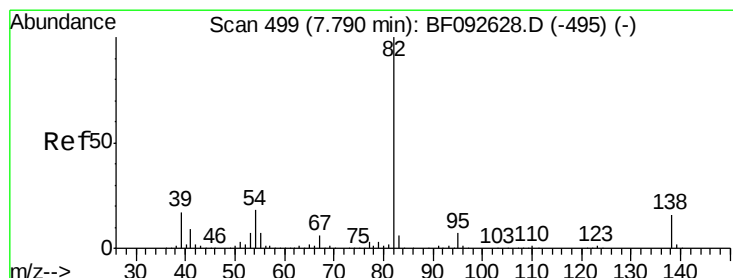
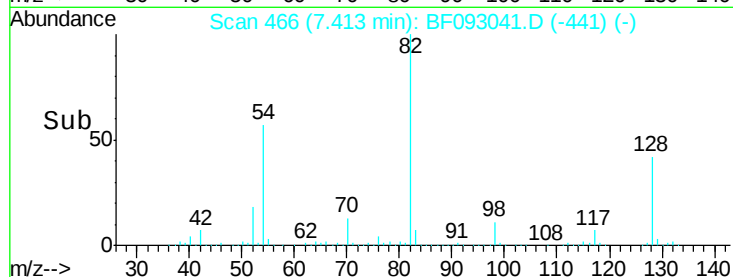
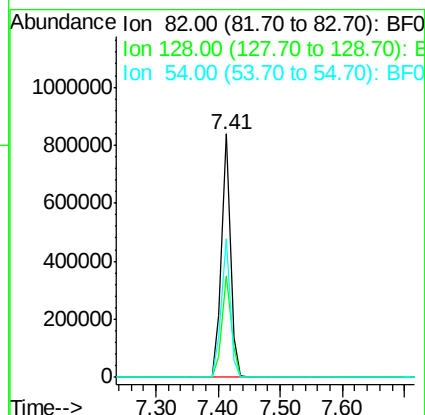
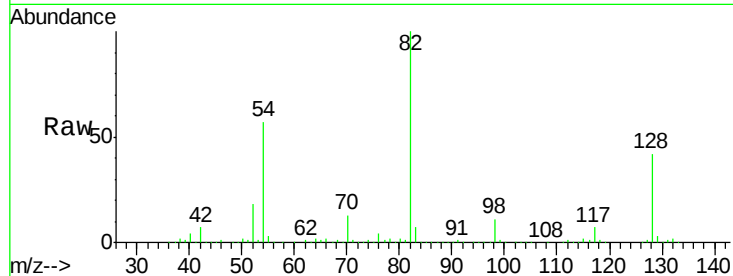




#23
 Nitrobenzene-d5
 Concen: 83.89 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

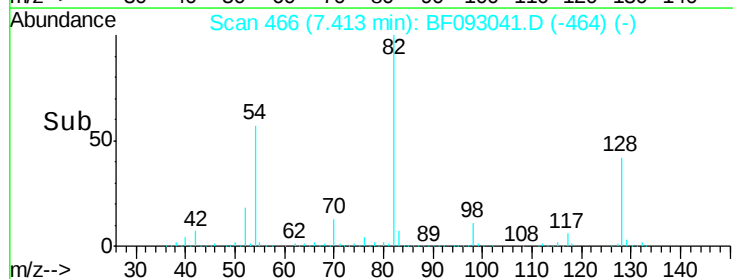
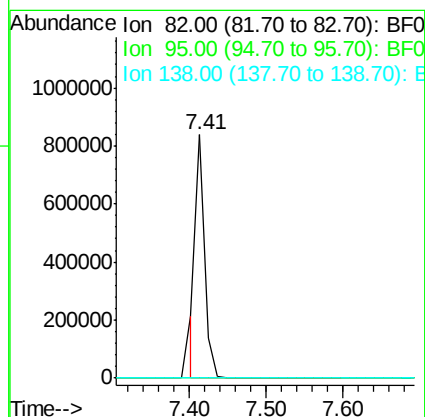
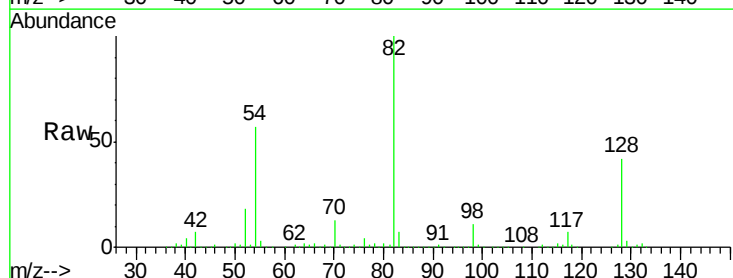
Instrument :
 BNA_F
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 HARMONFIRETOWER-ERM-33

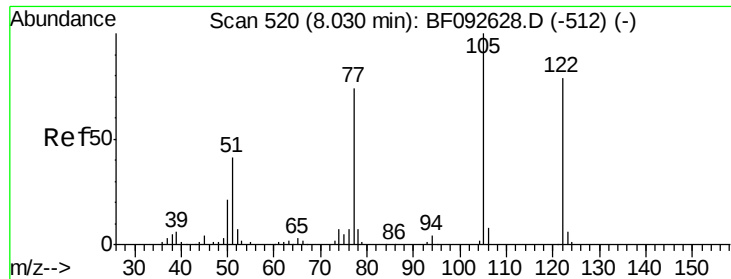
Tgt Ion: 82 Resp: 832938
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 56.9 39.5 59.3



#25
 Isophorone
 Concen: 36.73 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion: 82 Resp: 679531
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

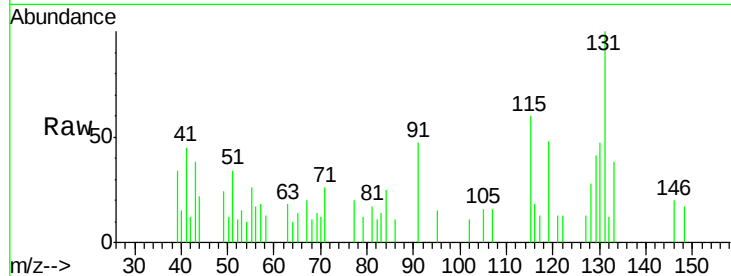




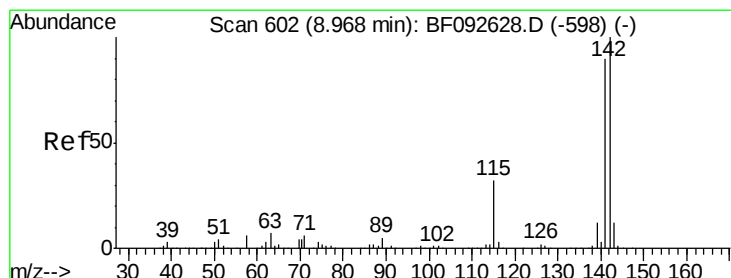
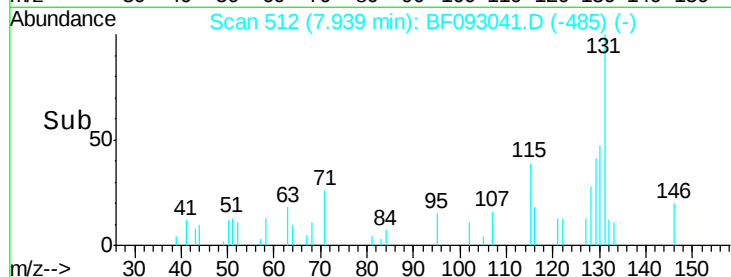
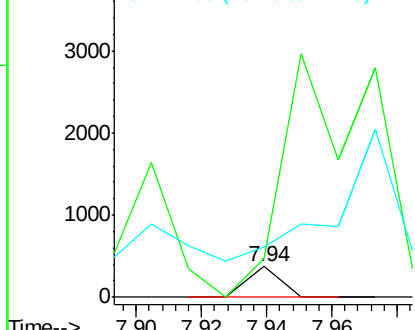
#32
Benzoic acid
Concen: 7.21 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Instrument :
BNA_F
ClientSampleId :
HARMONFIRETOWER-ERM-33

Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 124.7 107.2 147.2
77 162.1 74.5 114.5#

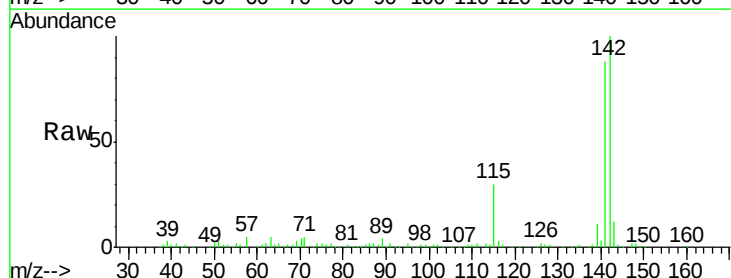


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

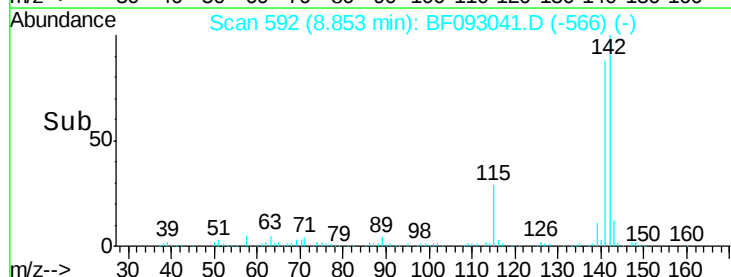
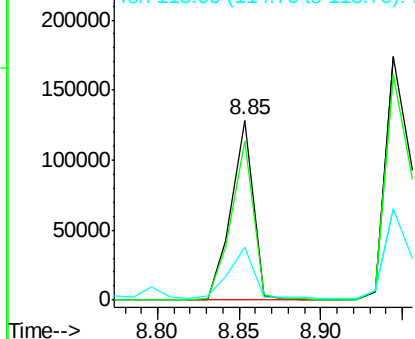


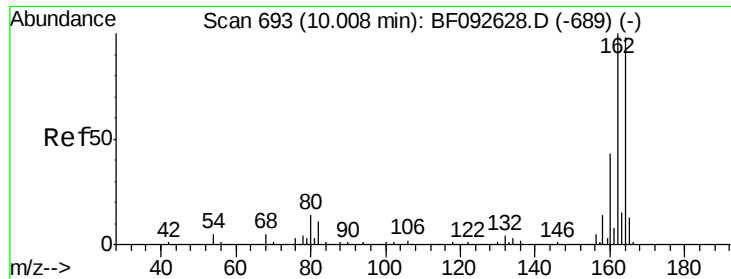
#37
2-Methylnaphthalene
Concen: 6.75 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Tgt Ion:142 Resp: 121411
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 29.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

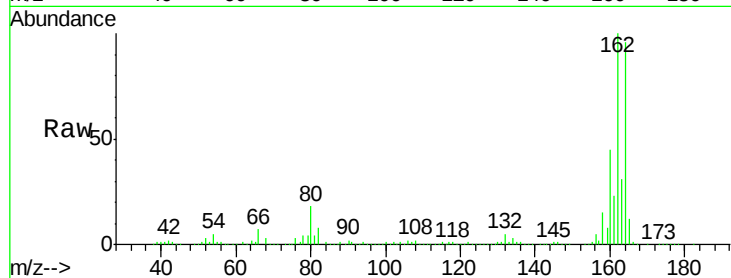




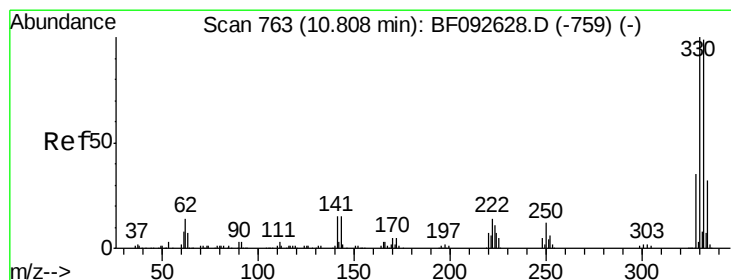
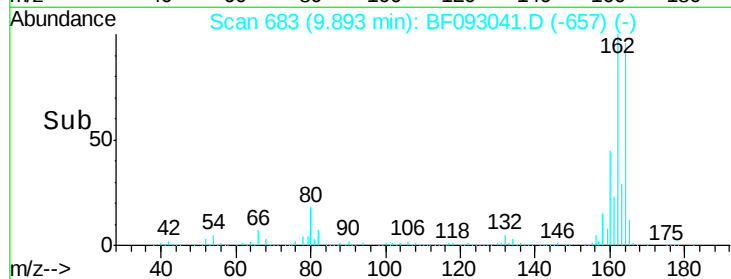
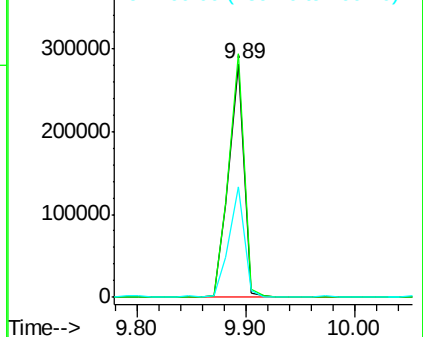
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Instrument :
BNA_F
ClientSampleId :
HARMONFIRETOWER-ERM-33

Tgt Ion:164 Resp: 277389
Ion Ratio Lower Upper
164 100
162 104.2 80.2 120.2
160 47.0 36.9 55.3

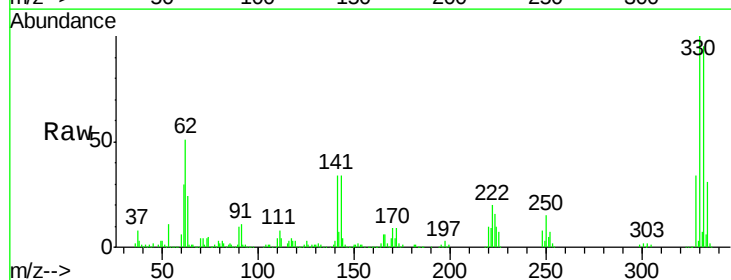


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

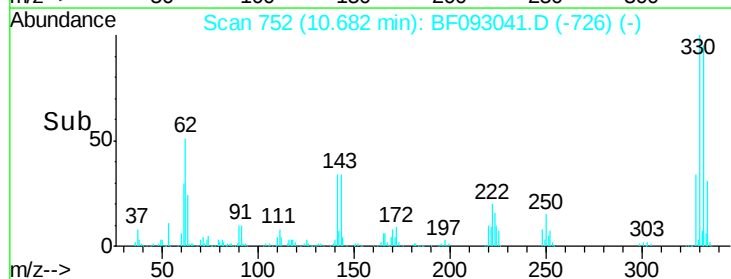
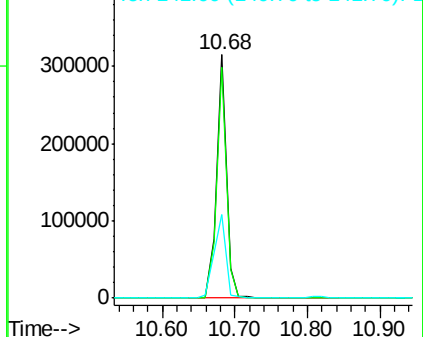


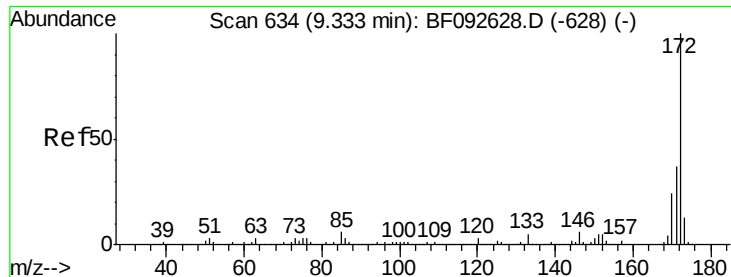
#41
2,4,6-Tribromophenol
Concen: 150.38 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Tgt Ion:330 Resp: 301707
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.2
141 40.2 34.1 51.1



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

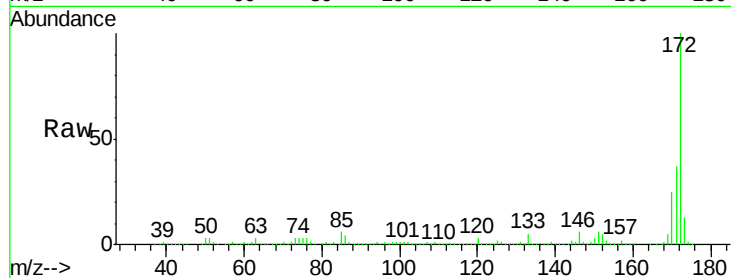




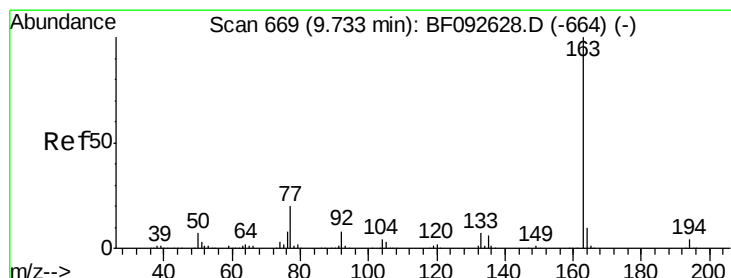
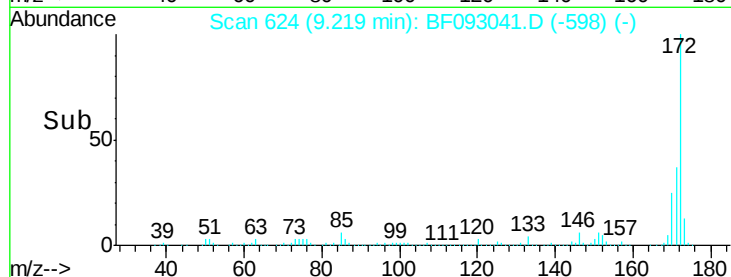
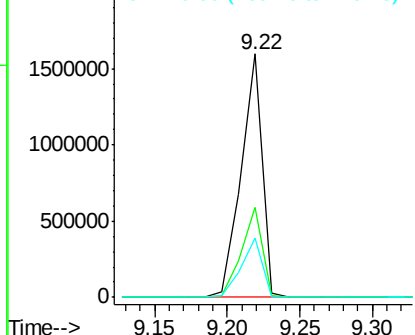
#44
2-Fluorobiphenyl
Concen: 105.04 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Instrument :
BNA_F
ClientSampleId :
HARMONFIRETOWER-ERM-33

Tgt Ion:172 Resp: 1608335
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.6 20.2 30.4

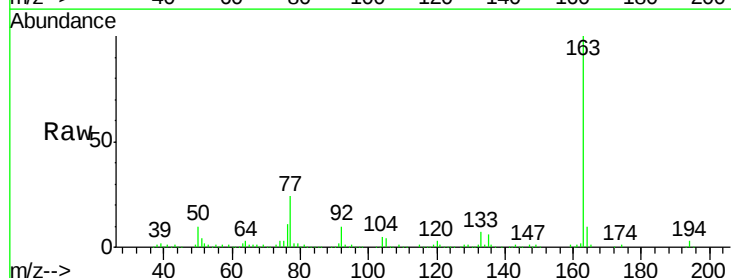


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

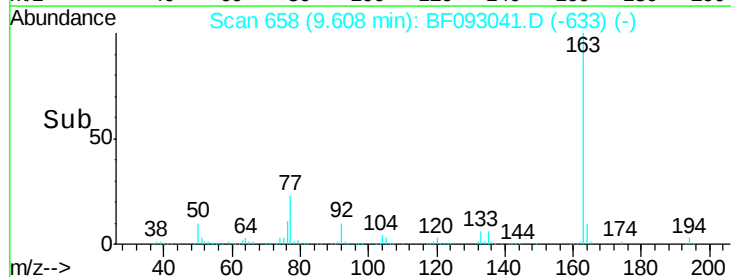
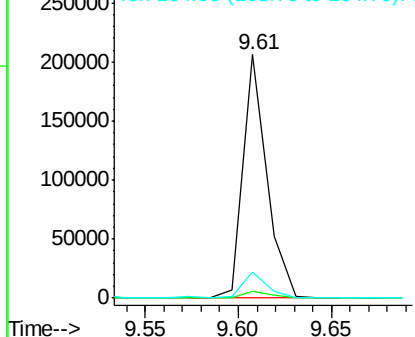


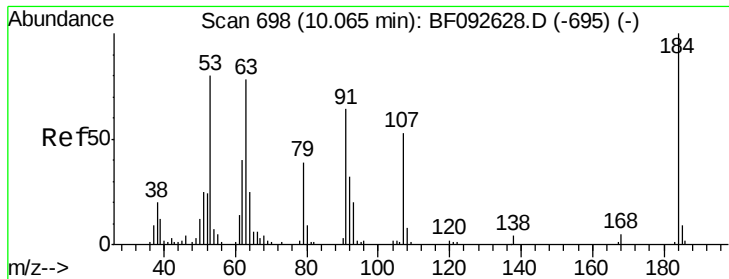
#49
Dimethylphthalate
Concen: 9.80 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Tgt Ion:163 Resp: 183062
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.5 8.0 12.0



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

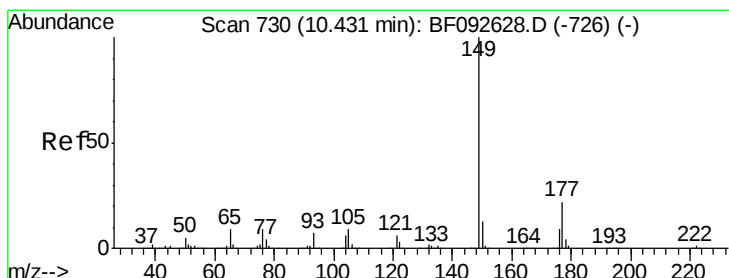
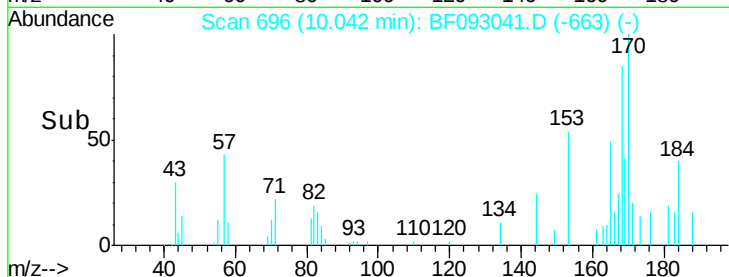
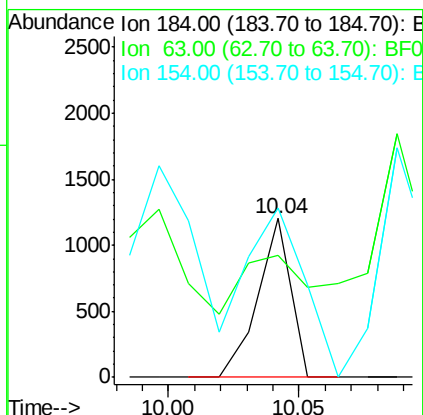
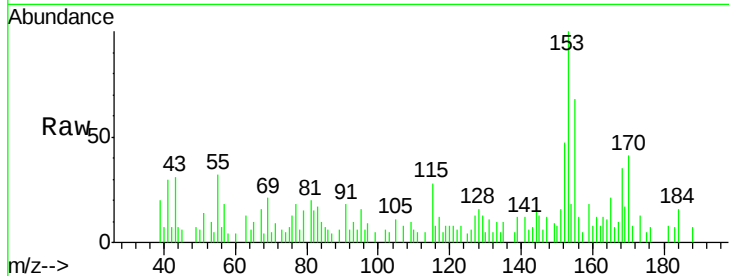




#53
 2,4-Dinitrophenol
 Concen: 5.22 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.08 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

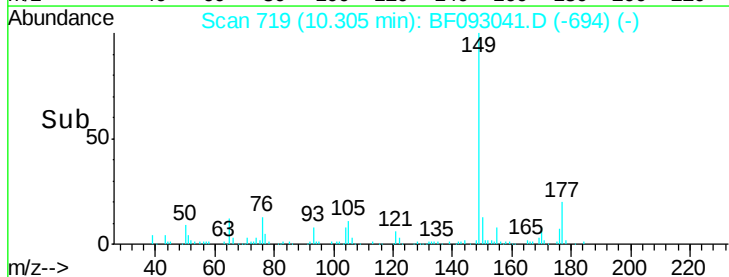
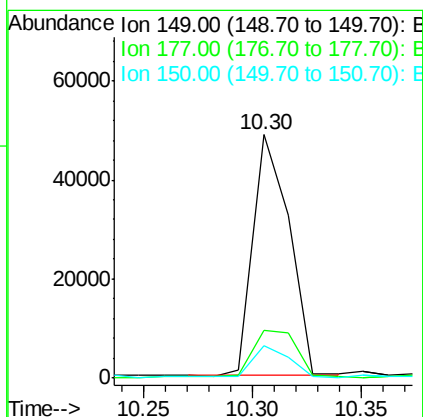
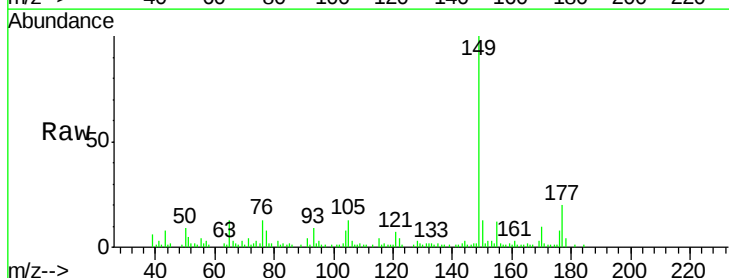
Instrument :
 BNA_F
 ClientSampleId :
 HARMONFIRETOWER-ERM-33

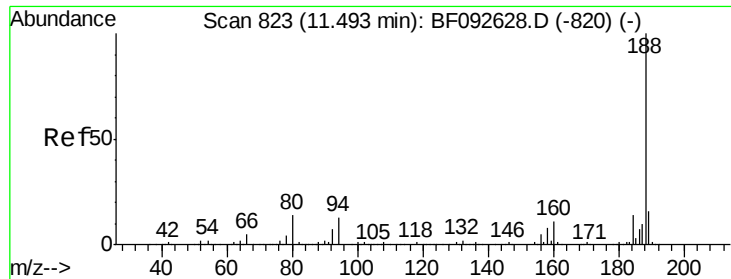
Tgt Ion:184 Resp: 1060
 Ion Ratio Lower Upper
 184 100
 63 76.8 28.4 42.6#
 154 106.6 44.3 66.5#



#59
 Diethylphthalate
 Concen: 3.23 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion:149 Resp: 56960
 Ion Ratio Lower Upper
 149 100
 177 19.6 16.6 25.0
 150 13.1 10.4 15.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

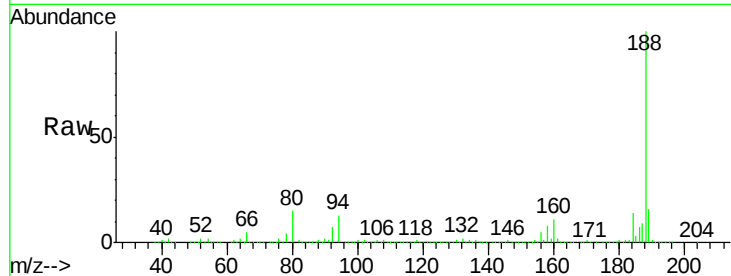
Tgt Ion:188 Resp: 493851

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

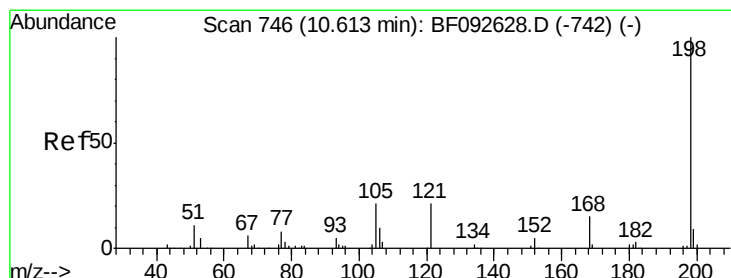
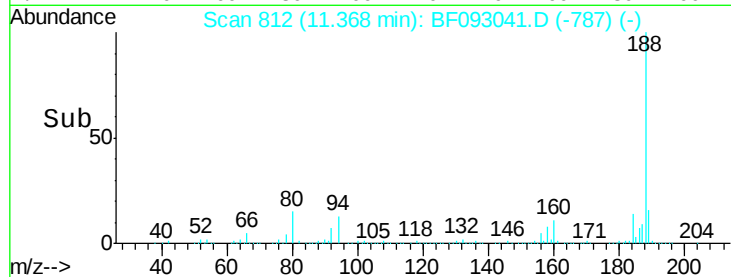
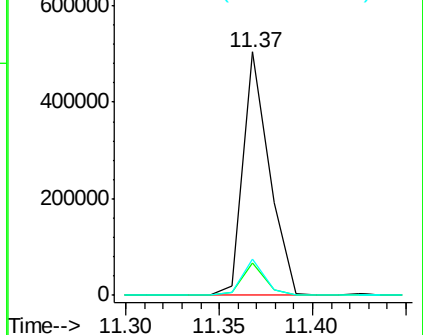
80 14.8 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.86 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

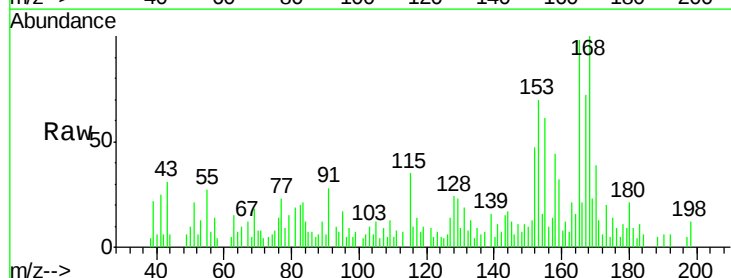
Tgt Ion:198 Resp: 622

Ion Ratio Lower Upper

198 100

51 180.6 6.7 46.7#

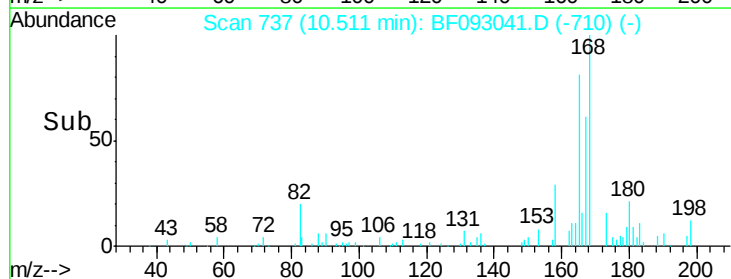
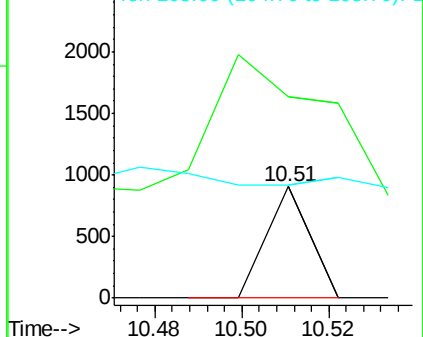
105 101.0 16.6 56.6#

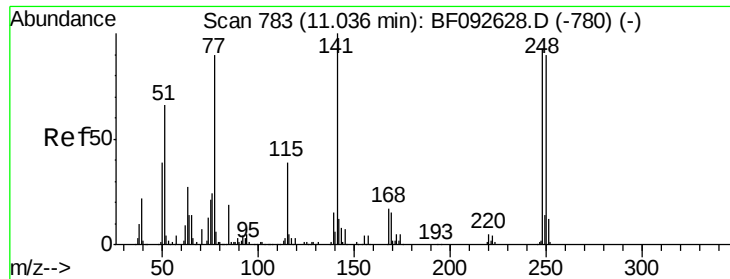


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

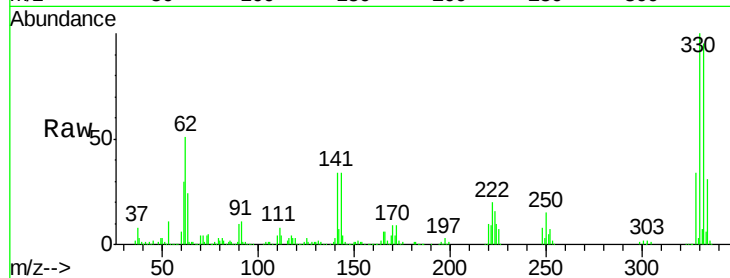




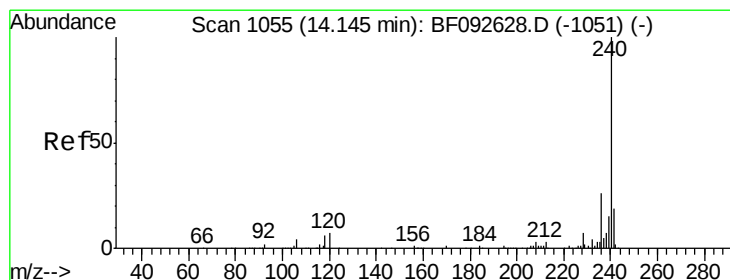
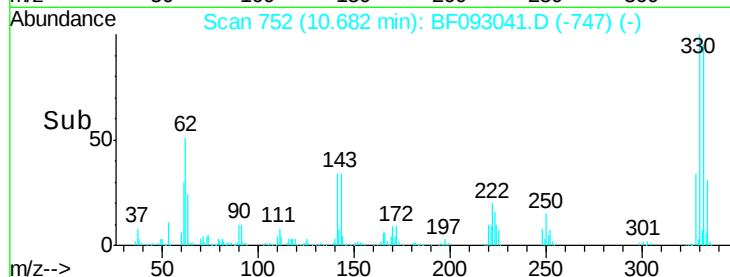
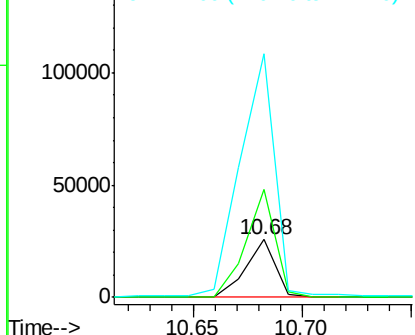
#66
 4-Bromophenyl-phenylether
 Concen: 4.67 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Instrument :
 BNA_F
 ClientSampled :
 HARMONFIRETOWER-ERM-33

Tgt Ion:248 Resp: 24113
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 422.7 68.2 102.4#

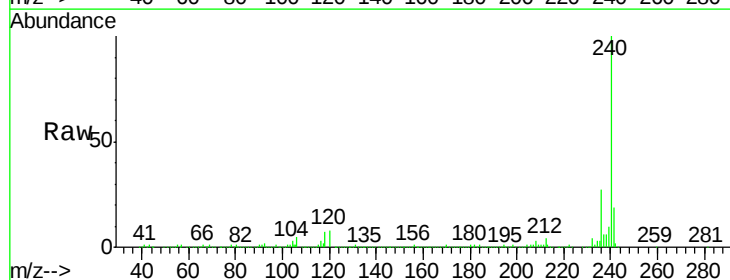


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

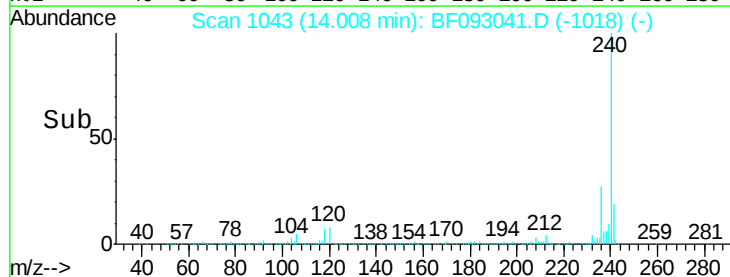
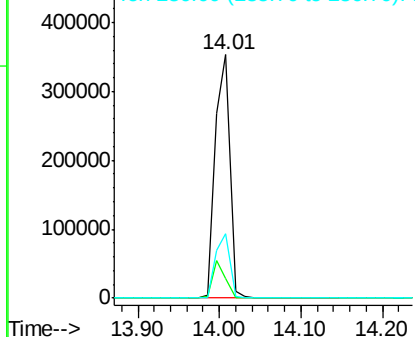


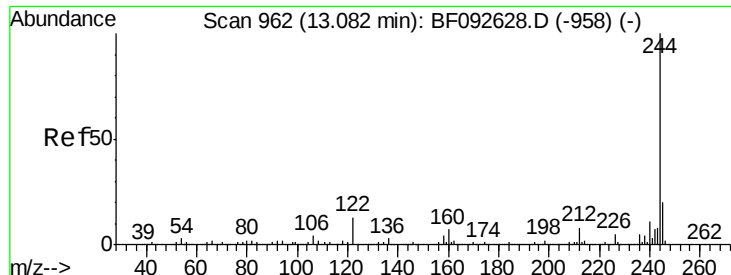
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion:240 Resp: 442126
 Ion Ratio Lower Upper
 240 100
 120 7.9 12.9 19.3#
 236 26.6 20.9 31.3



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

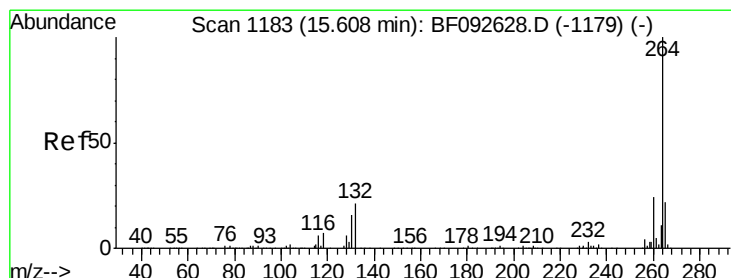
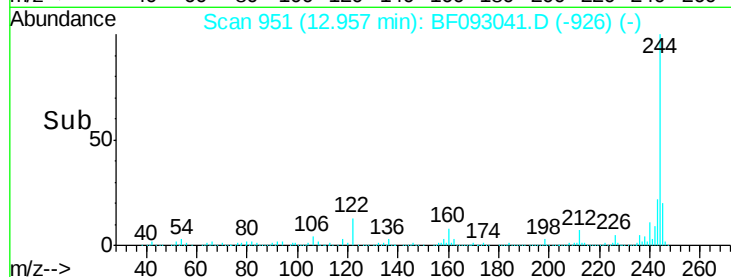
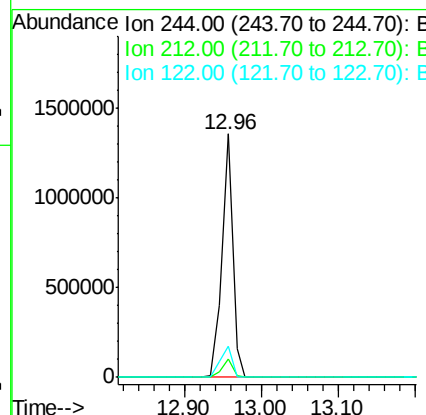
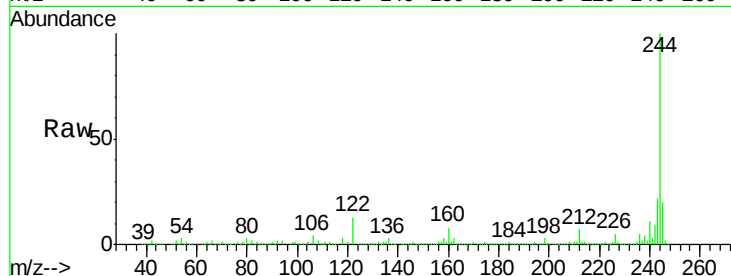




#78
 Terphenyl-d14
 Concen: 71.06 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 HARMONFIRETOWER-ERM-33

Tgt Ion:244 Resp: 1337113
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion:264 Resp: 319552
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.4 26.0

