

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089190.D
 Acq On : 22 Jul 2016 11:41
 Operator : UM/SJ
 Sample : H4074-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 25 00:49:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

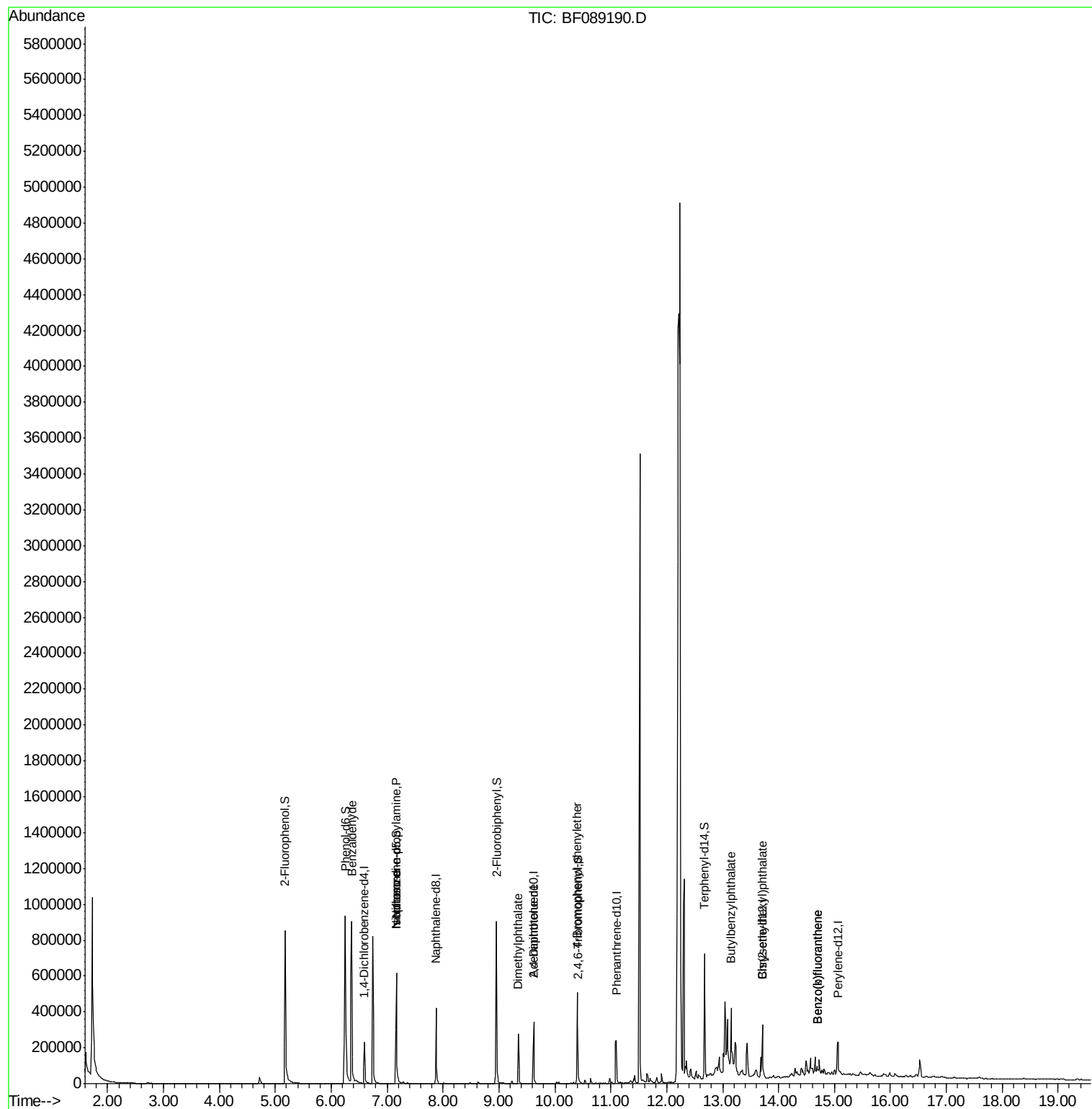
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	48137	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	206989	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	86012	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	142940	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	91197	20.00	ng	-0.01
86) Perylene-d12	15.06	264	97977	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	325403	102.81	ng	-0.01
7) Phenol-d6	6.25	99	437568	107.21	ng	-0.02
23) Nitrobenzene-d5	7.16	82	285683	73.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	70446	90.97	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	475803	76.22	ng	-0.01
78) Terphenyl-d14	12.67	244	277068	65.90	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	8361	2.85	ng	84
19) n-Nitroso-di-n-propylamine	7.16	70	37654	14.10	ng	# 79
25) Isophorone	7.16	82	205789	28.66	ng	# 66
49) Dimethylphthalate	9.35	163	119746	18.14	ng	99
56) 2,4-Dinitrotoluene	9.62	165	10600	5.52	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	5215	3.69	ng	# 1
79) Butylbenzylphthalate	13.15	149	75591	23.73	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	16204	3.83	ng	# 89
87) Benzo(b)fluoranthene	14.70	252	15202	2.14	ng	# 88
88) Benzo(k)fluoranthene	14.70	252	15202	3.00	ng	# 81

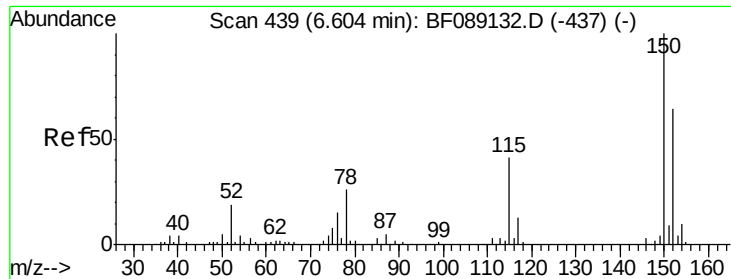
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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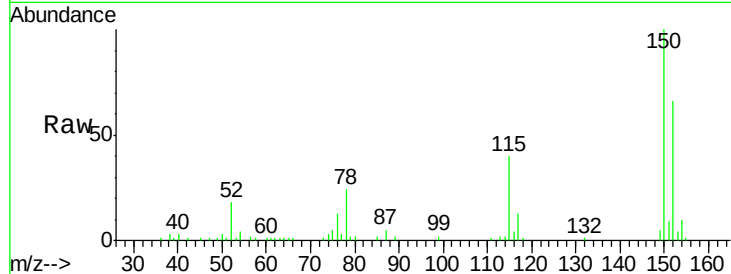


#1

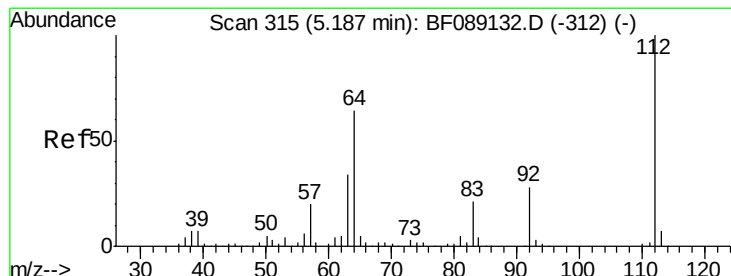
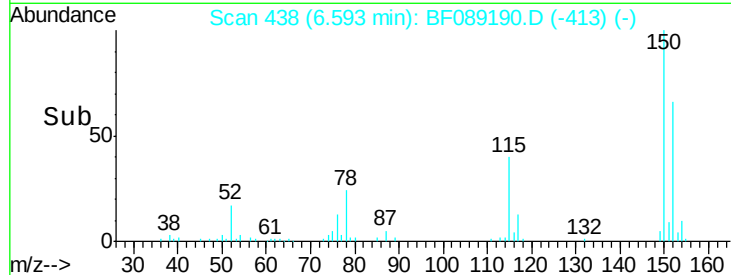
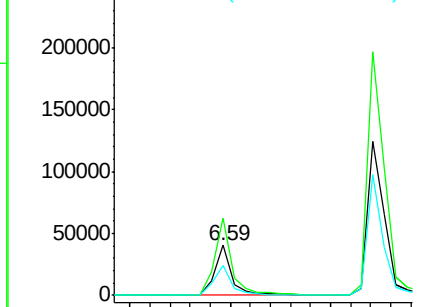
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:152 Resp: 48137
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.1 187.7
 115 60.4 51.1 76.7



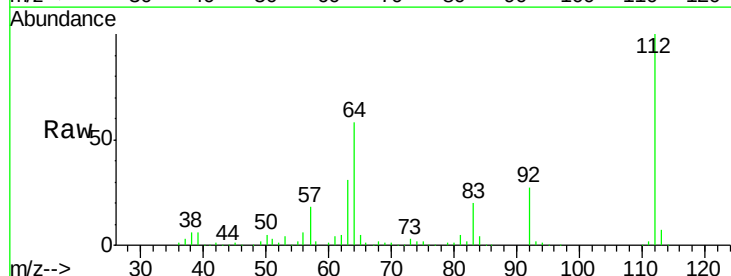
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



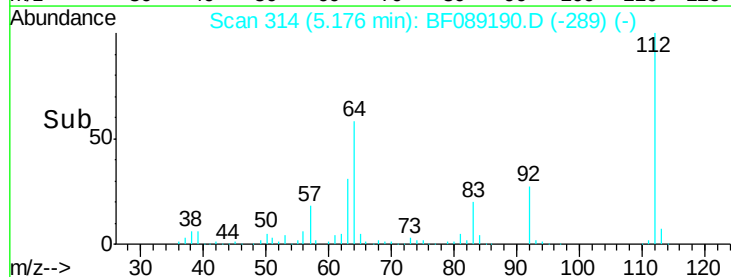
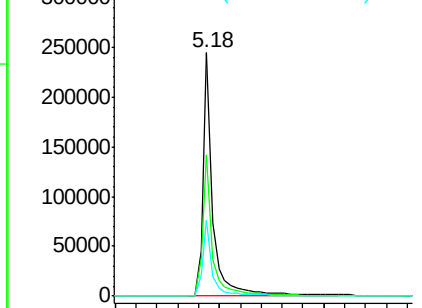
#5

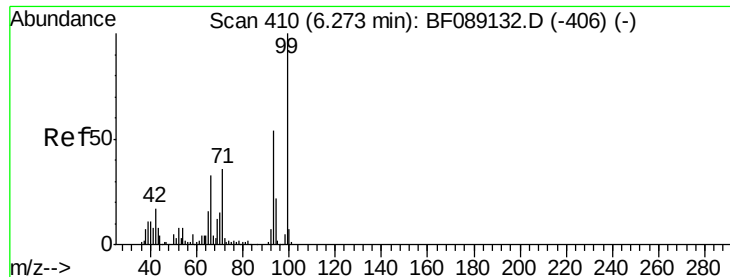
2-Fluorophenol
 Concen: 102.81 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion:112 Resp: 325403
 Ion Ratio Lower Upper
 112 100
 64 57.9 51.0 76.4
 63 30.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.21 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

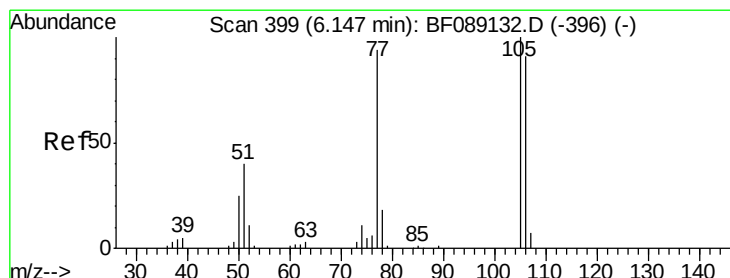
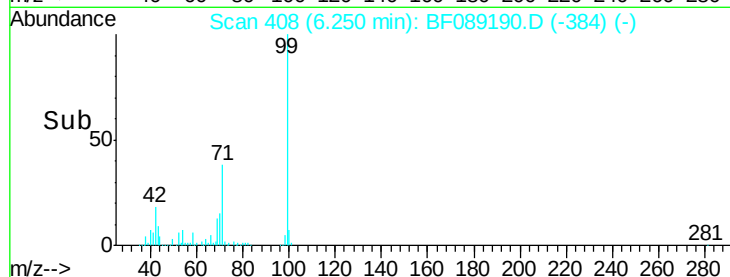
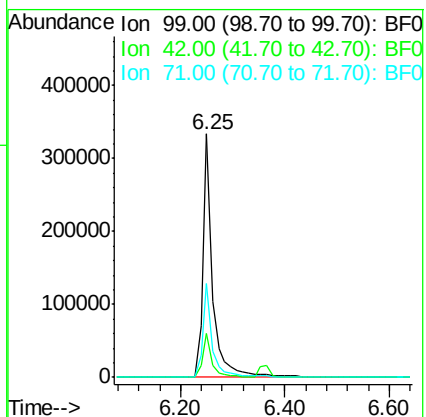
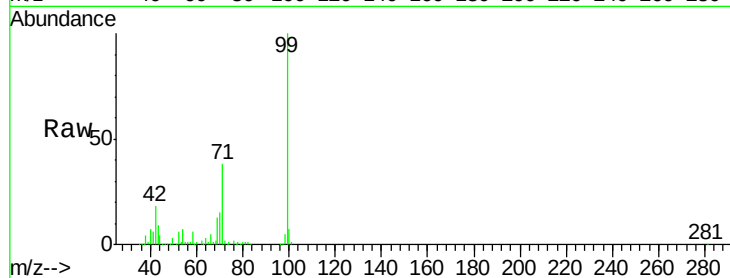
Tgt Ion: 99 Resp: 437568

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 38.4 28.9 43.3



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.22 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

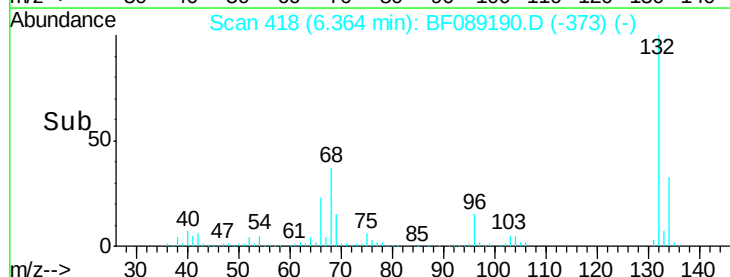
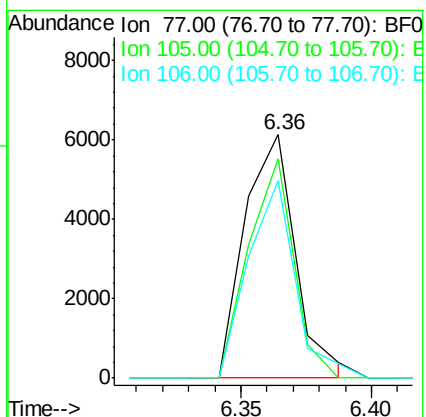
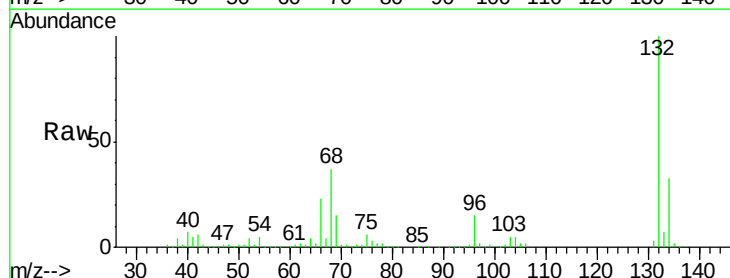
Tgt Ion: 77 Resp: 8361

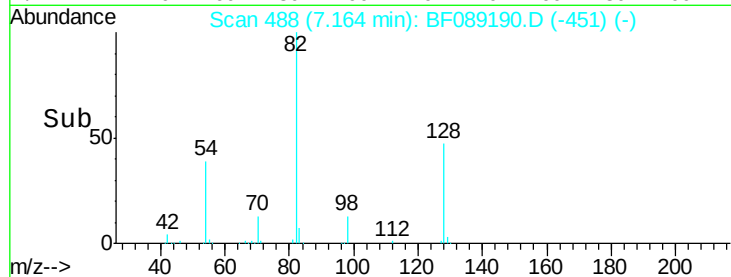
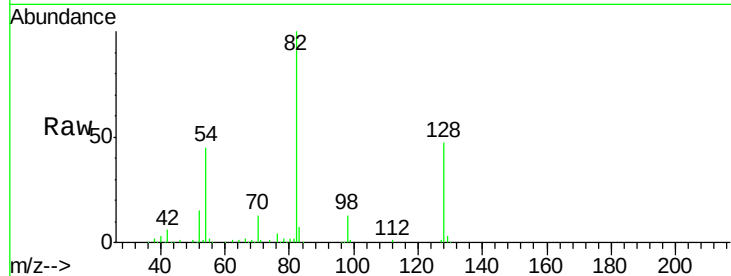
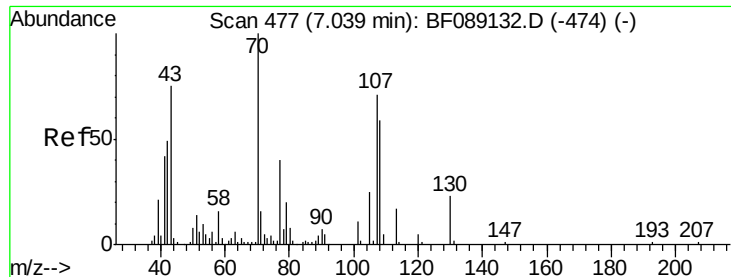
Ion Ratio Lower Upper

77 100

105 90.1 86.2 126.2

106 80.9 76.3 116.3

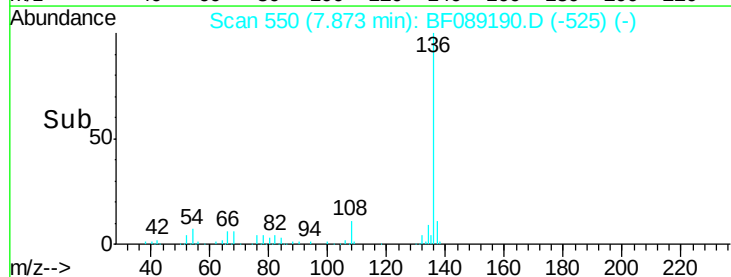
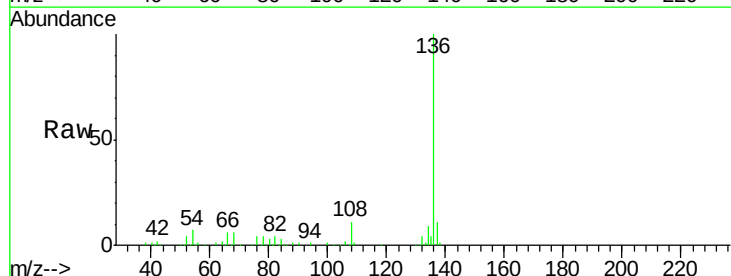
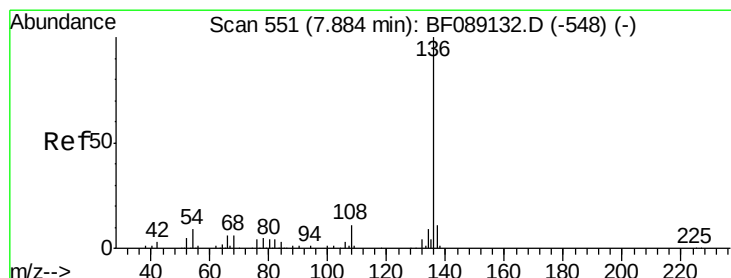
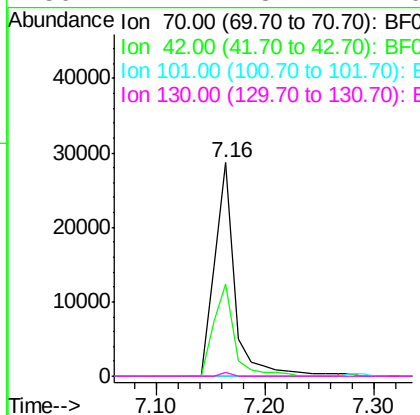




#19
n-Nitroso-di-n-propylamine
Concen: 14.10 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

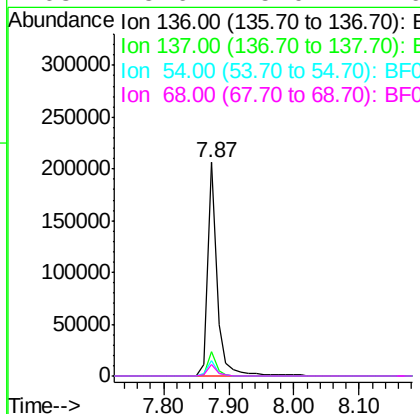
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

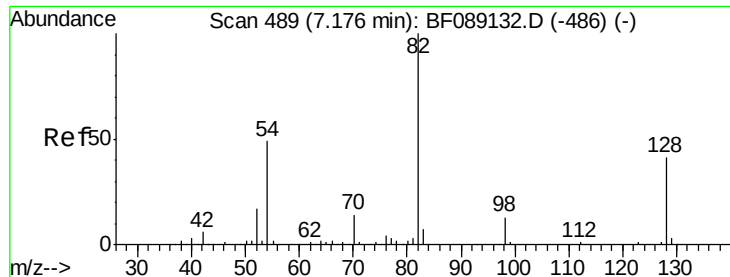
Tgt Ion: 70 Resp: 37654
Ion Ratio Lower Upper
70 100
42 43.1 39.2 58.8
101 0.0 8.5 12.7#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion: 136 Resp: 206989
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 7.0 10.4
68 5.6 5.0 7.6

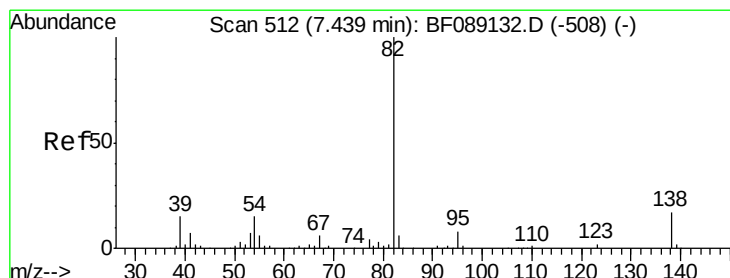
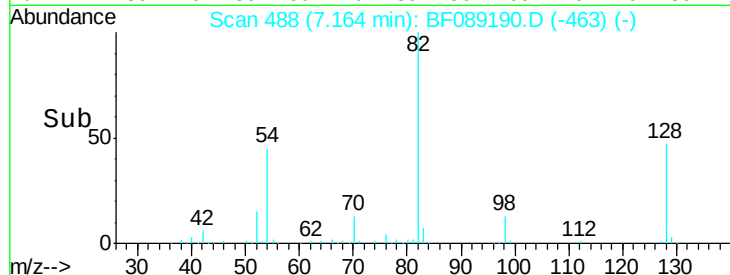
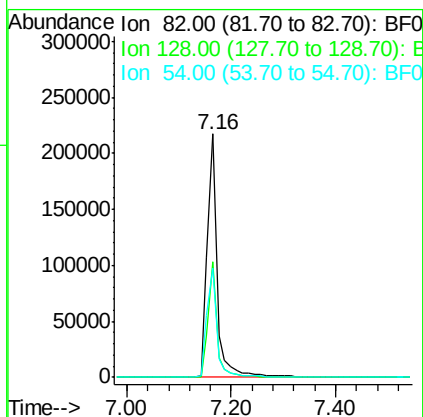
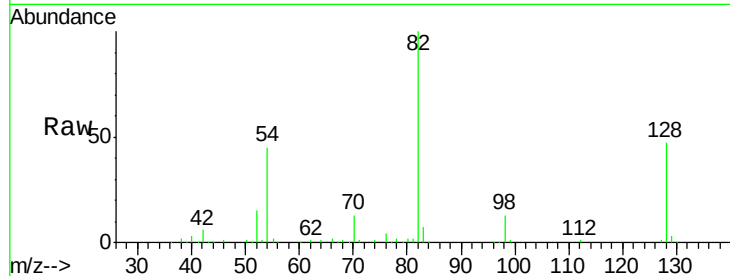




#23
 Nitrobenzene-d5
 Concen: 73.33 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

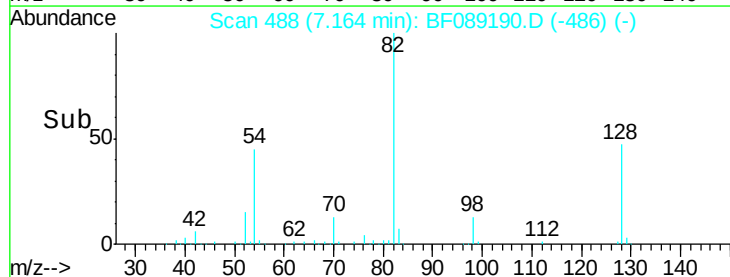
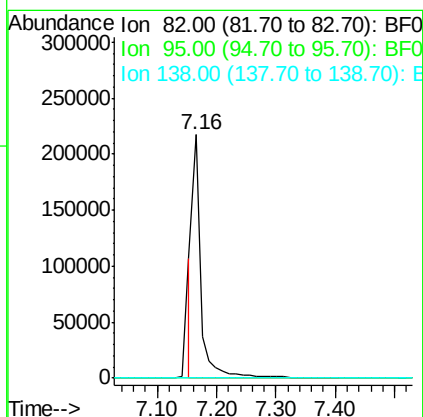
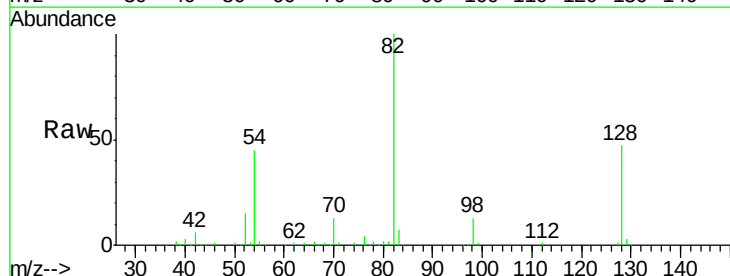
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

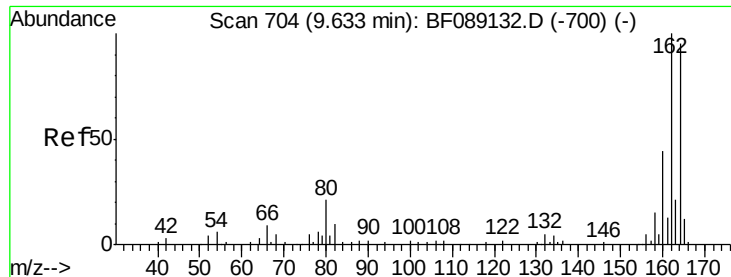
Tgt Ion: 82 Resp: 285683
 Ion Ratio Lower Upper
 82 100
 128 47.3 33.0 49.6
 54 44.8 39.0 58.4



#25
 Isophorone
 Concen: 28.66 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.27 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion: 82 Resp: 205789
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

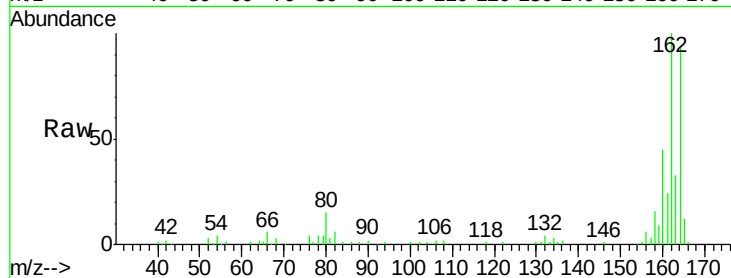
Tgt Ion:164 Resp: 86012

Ion Ratio Lower Upper

164 100

162 106.3 84.1 126.1

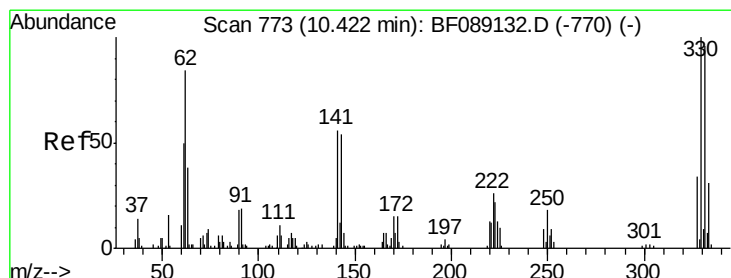
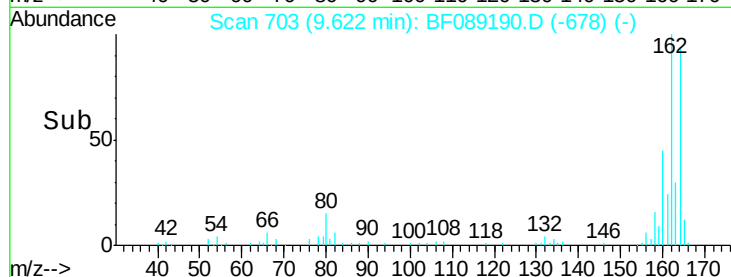
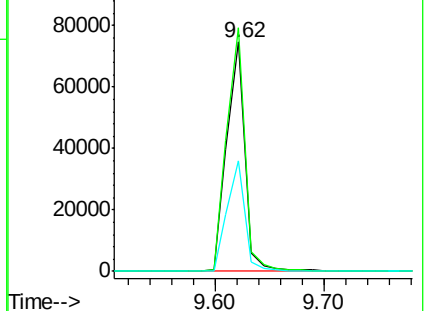
160 48.3 37.1 55.7



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: 90.97 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

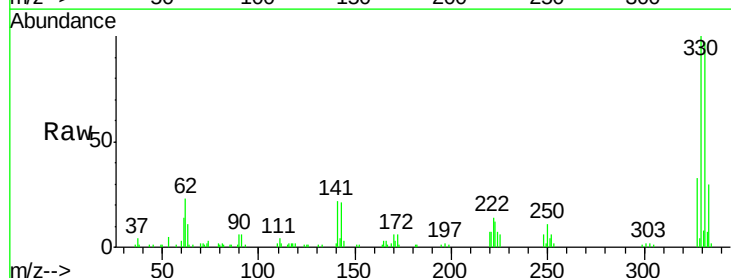
Tgt Ion:330 Resp: 70446

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

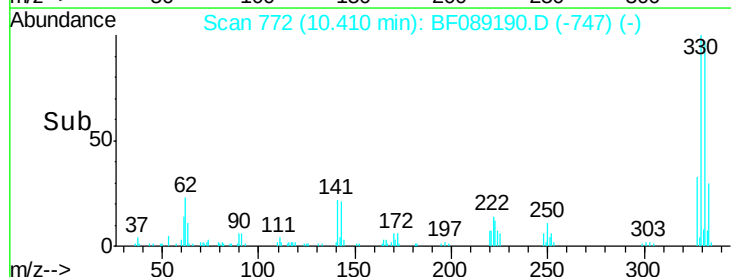
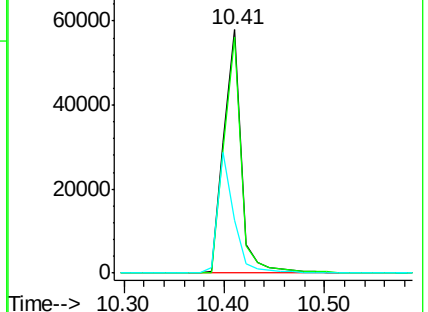
141 46.0 42.2 63.2

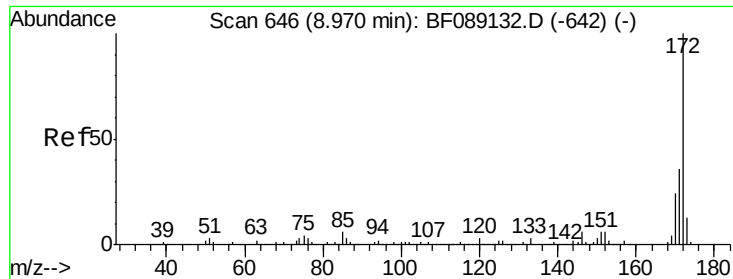


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

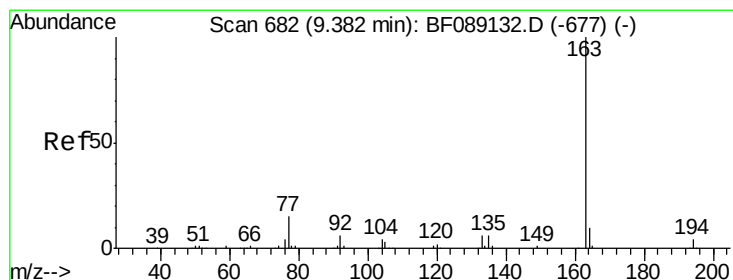
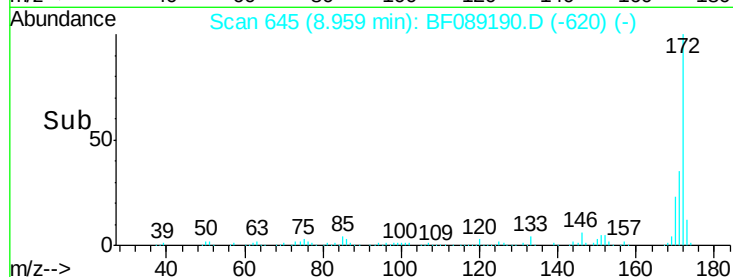
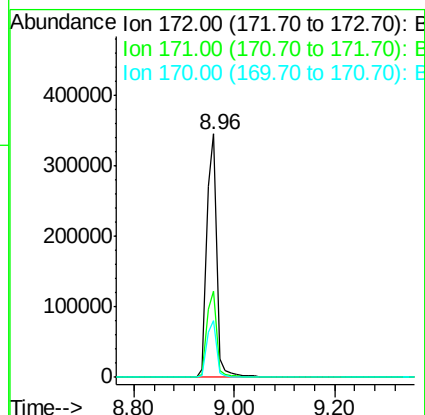
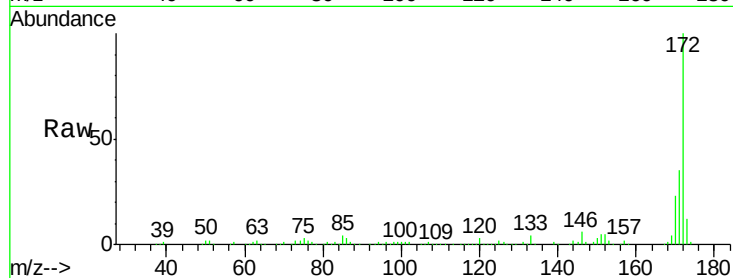




#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

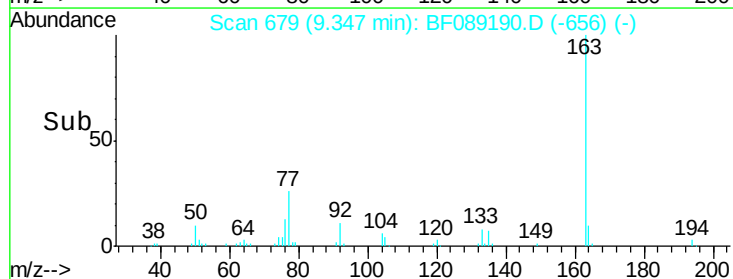
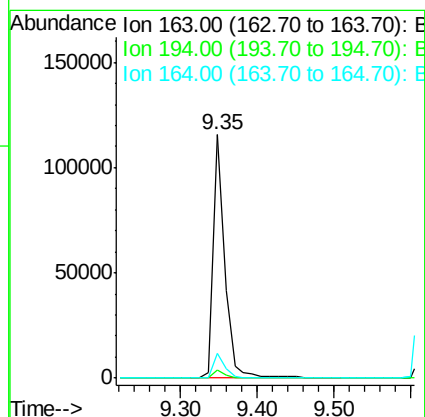
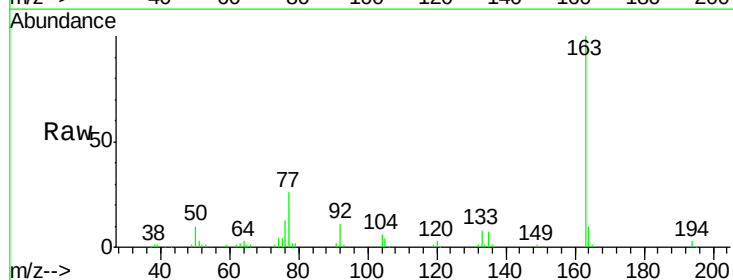
Instrument :
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 SB-01-COMP

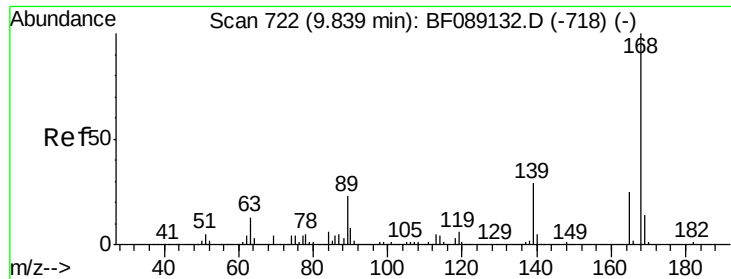
Tgt Ion:172 Resp: 475803
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.1 19.1 28.7



#49
 Dimethylphthalate
 Concen: 18.14 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion:163 Resp: 119746
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.0 7.6 11.4

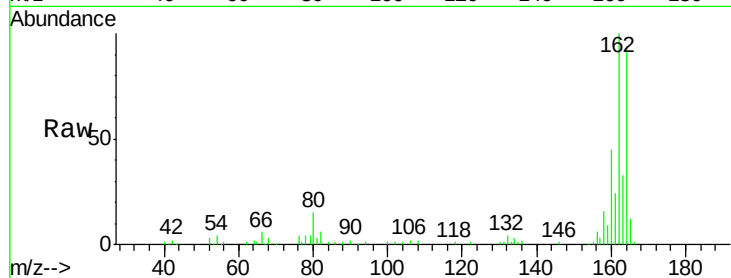




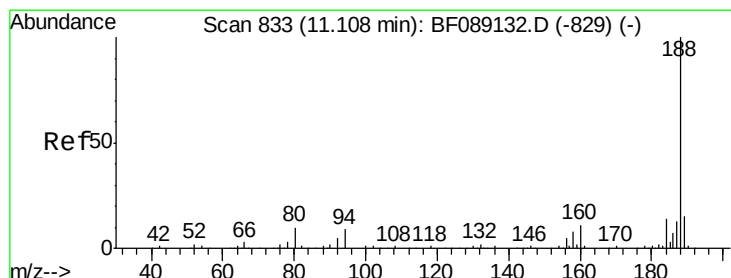
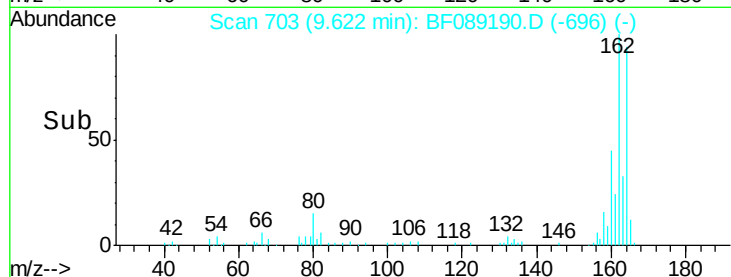
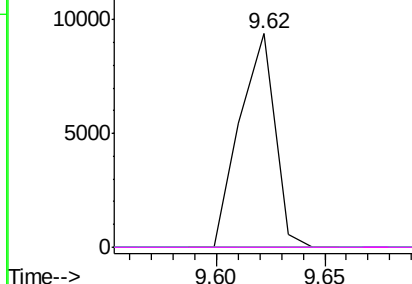
#56
 2,4-Dinitrotoluene
 Concen: 5.52 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.22 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:165 Resp: 10600
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#



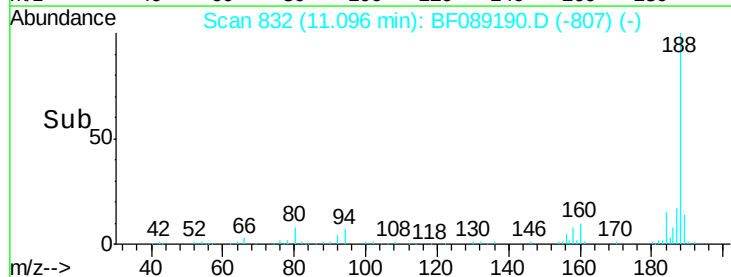
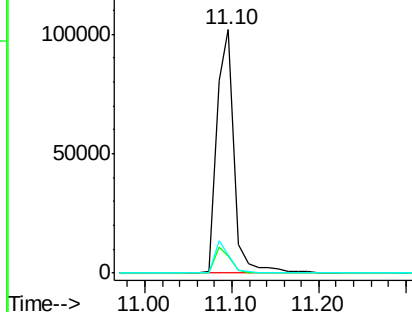
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

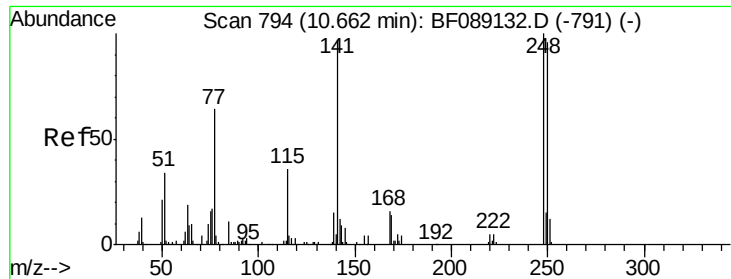


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion:188 Resp: 142940
 Ion Ratio Lower Upper
 188 100
 94 6.8 7.0 10.4#
 80 7.6 7.7 11.5#

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

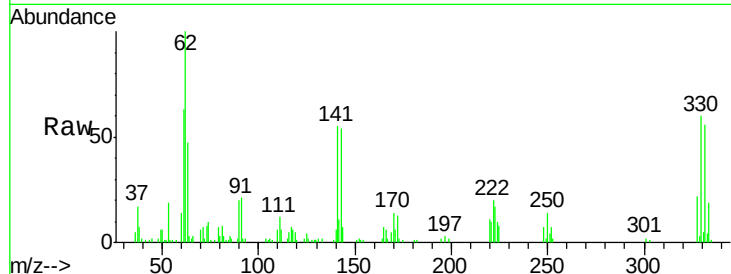




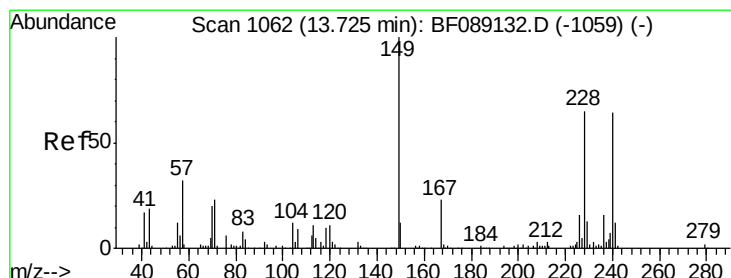
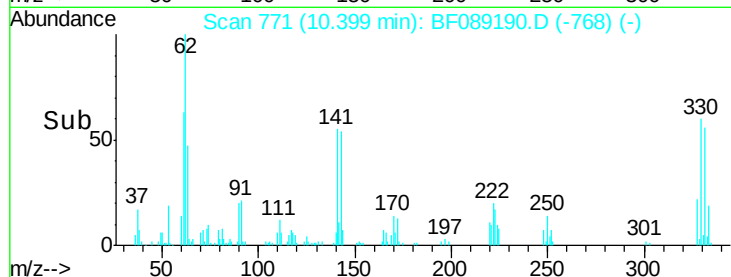
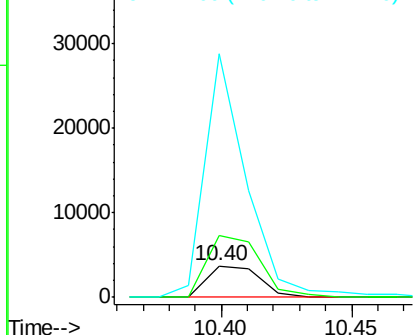
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:248 Resp: 5215
Ion Ratio Lower Upper
248 100
250 197.3 76.9 115.3#
141 782.6 77.4 116.2#

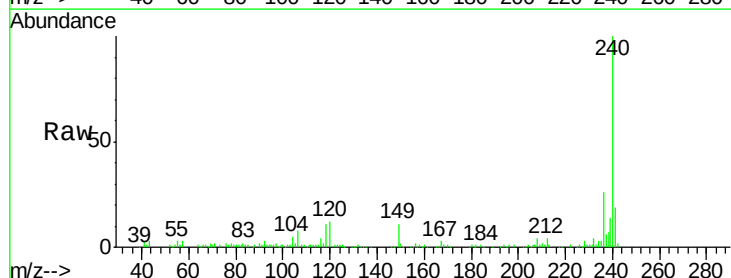


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

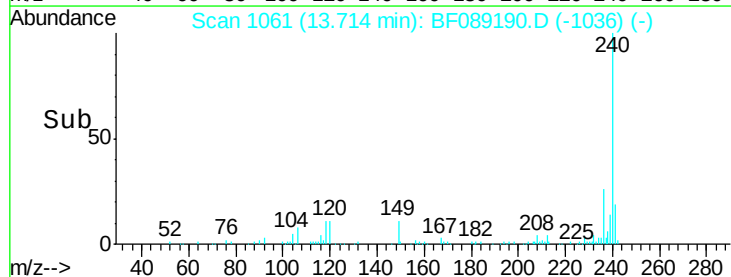
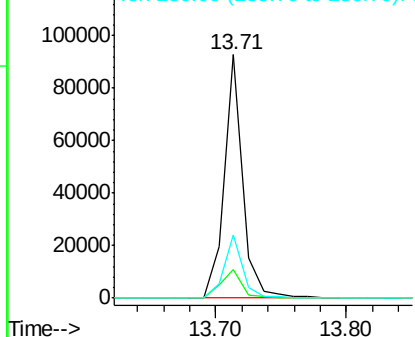


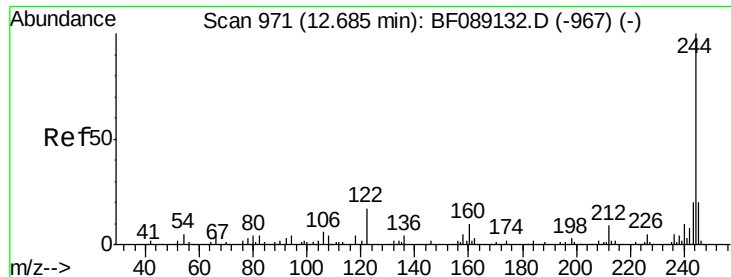
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion:240 Resp: 91197
Ion Ratio Lower Upper
240 100
120 11.6 13.6 20.4#
236 25.7 20.5 30.7



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: 65.90 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

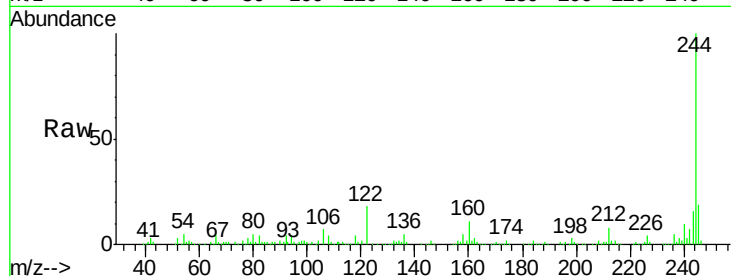
Tgt Ion:244 Resp: 277068

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

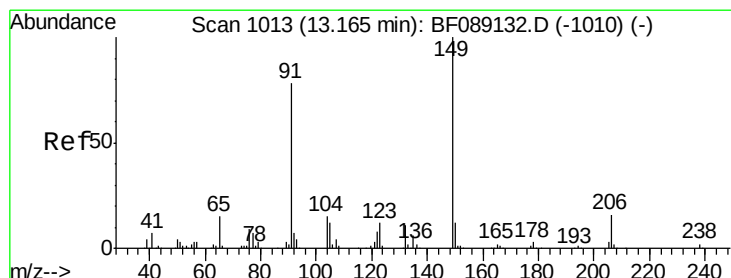
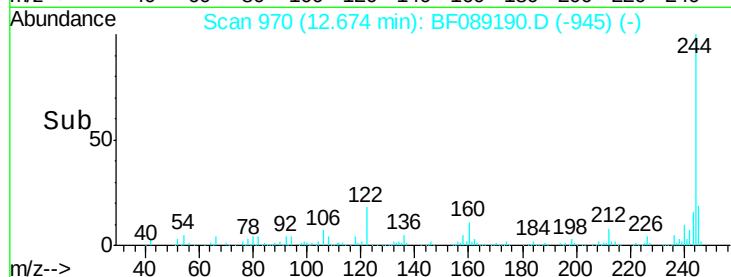
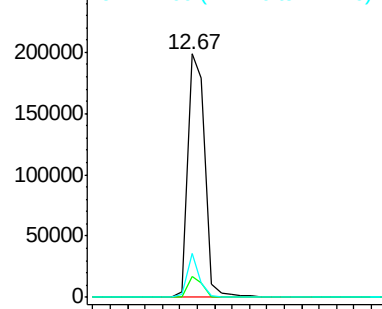
122 18.0 13.8 20.8



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: 23.73 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

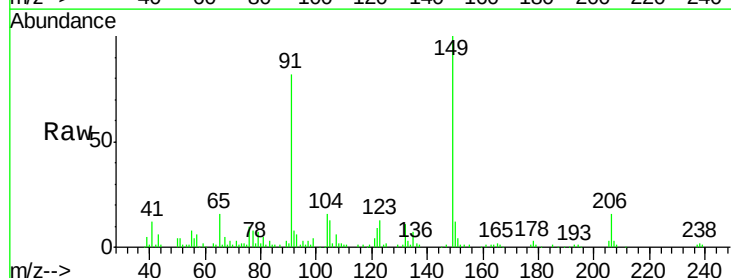
Tgt Ion:149 Resp: 75591

Ion Ratio Lower Upper

149 100

91 82.0 62.6 93.8

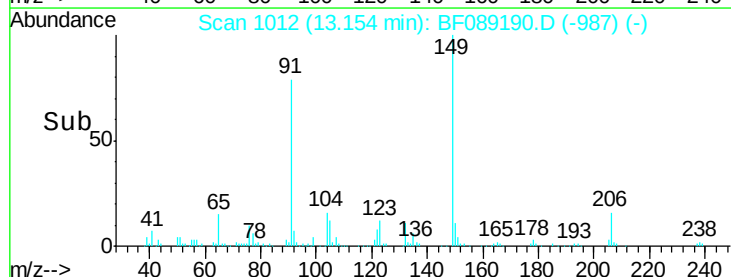
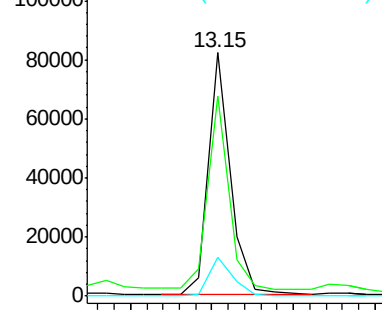
206 16.0 13.2 19.8

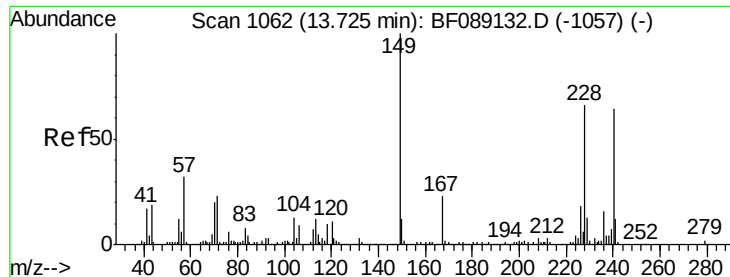


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.83 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

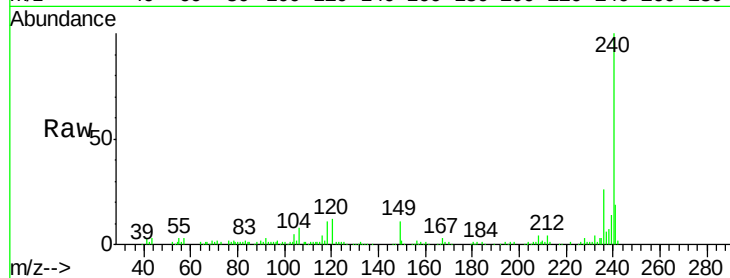
Tgt Ion:149 Resp: 16204

Ion Ratio Lower Upper

149 100

167 29.1 18.6 28.0#

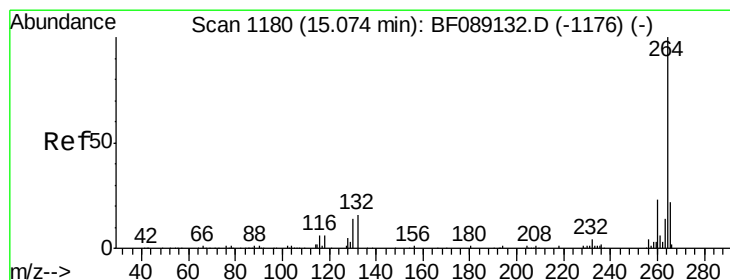
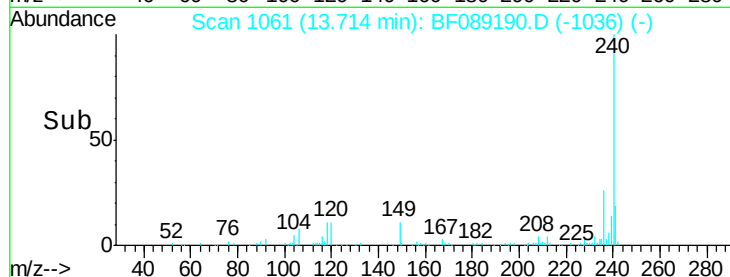
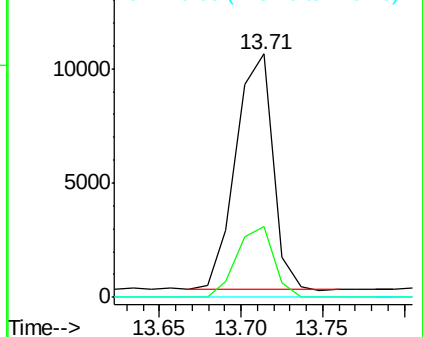
279 0.0 1.6 2.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

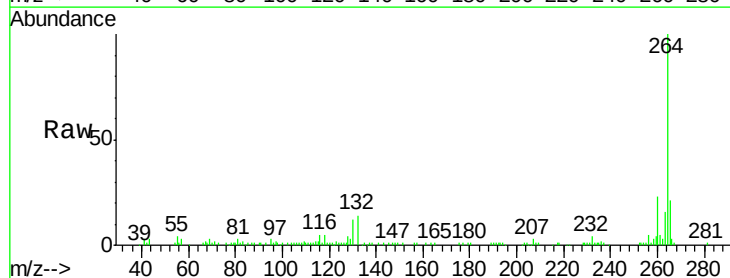
Tgt Ion:264 Resp: 97977

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

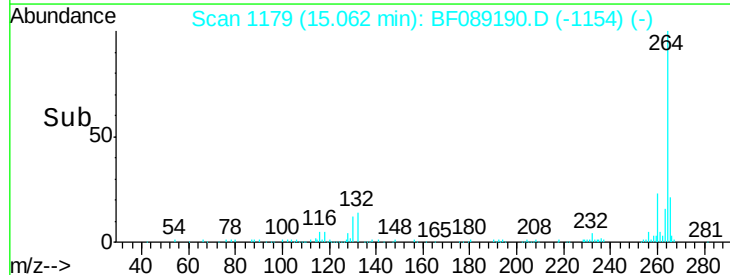
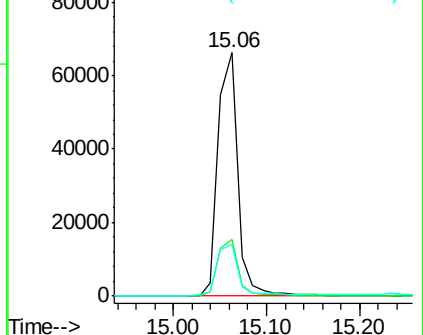
265 21.2 17.3 25.9

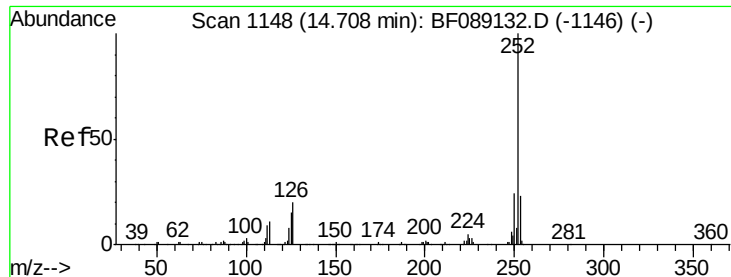


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

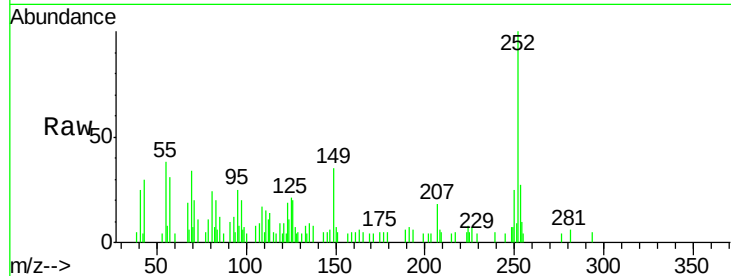




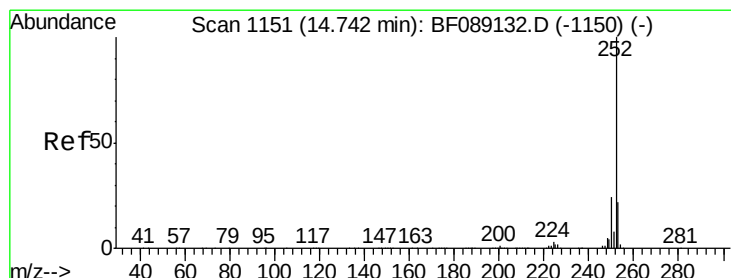
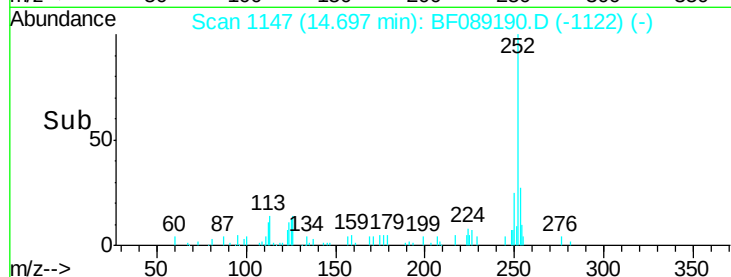
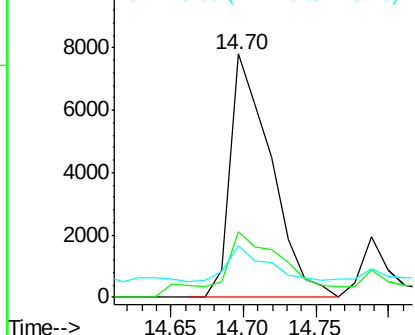
#87
Benzo(b)fluoranthene
Concen: 2.14 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	21.4	11.9	17.9#

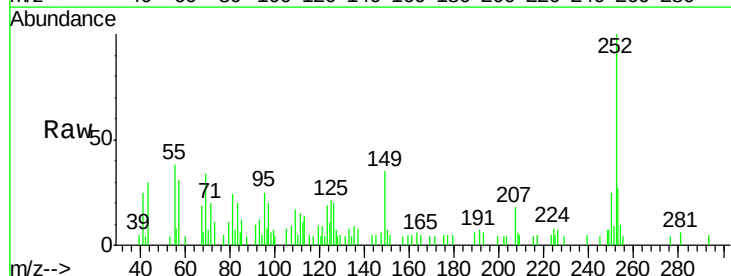


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.3	25.9#
125	21.4	6.3	9.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

