

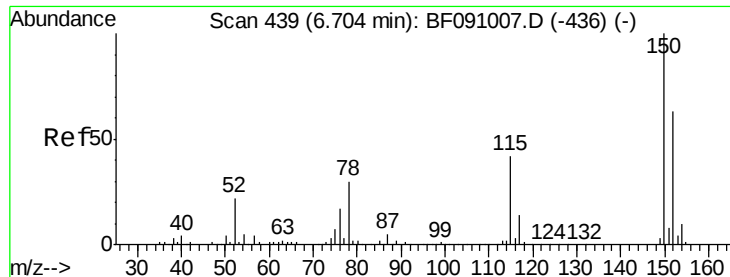
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091109.D
 Acq On : 9 Nov 2016 4:38
 Operator : UM/SJ
 Sample : H5593-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Quant Time: Nov 09 06:06:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	167947	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	683792	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	342760	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486162	20.00	ng	0.00
75) Chrysene-d12	13.80	240	317264	20.00	ng	-0.01
86) Perylene-d12	15.19	264	288741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1373816	135.10	ng	0.01
7) Phenol-d6	6.32	99	1687188	122.24	ng	0.00
23) Nitrobenzene-d5	7.23	82	1064423	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	330414	106.63	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1505417	75.61	ng	-0.01
78) Terphenyl-d14	12.76	244	1150820	90.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	31986	4.18	ng	84
10) Phenol	6.33	94	91921	6.02	ng	# 77
15) Benzyl Alcohol	6.82	79	19971	2.05	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	149052	15.58	ng	# 78
25) Isophorone	7.23	82	900280	37.27	ng	# 67
49) Dimethylphthalate	9.42	163	278534	12.39	ng	98
56) 2,4-Dinitrotoluene	9.70	165	42630	6.96	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	22773	4.50	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

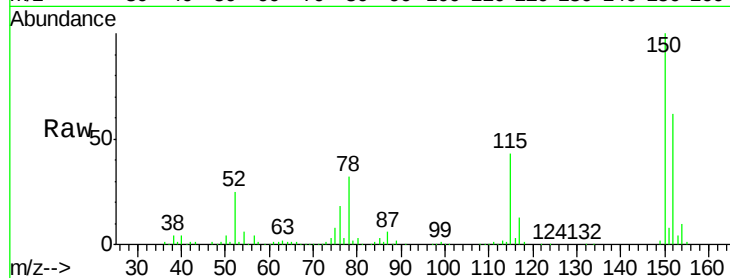
Tgt Ion:152 Resp: 167947

Ion Ratio Lower Upper

152 100

150 162.1 126.8 190.2

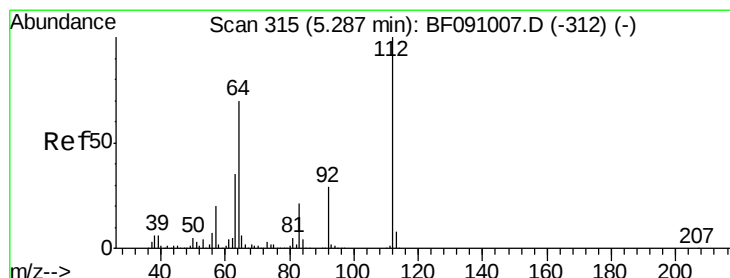
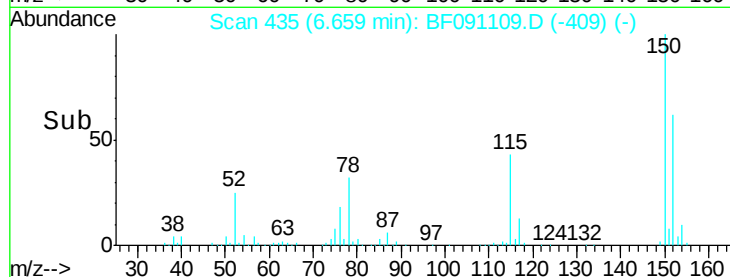
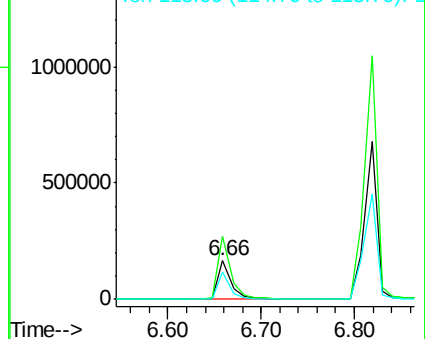
115 70.1 53.3 79.9



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: 135.10 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

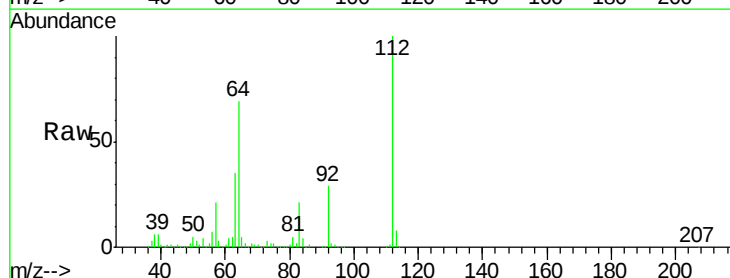
Tgt Ion:112 Resp: 1373816

Ion Ratio Lower Upper

112 100

64 68.8 55.8 83.6

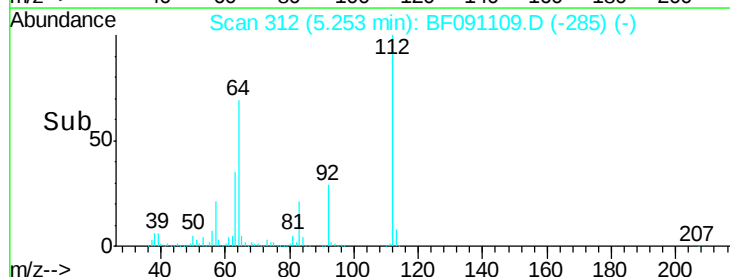
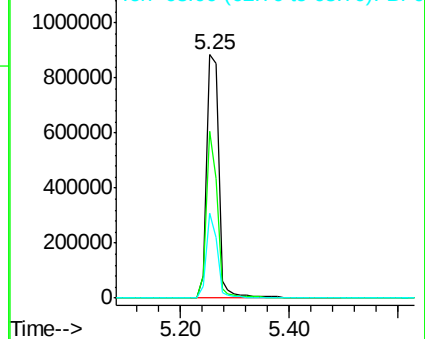
63 35.1 28.0 42.0

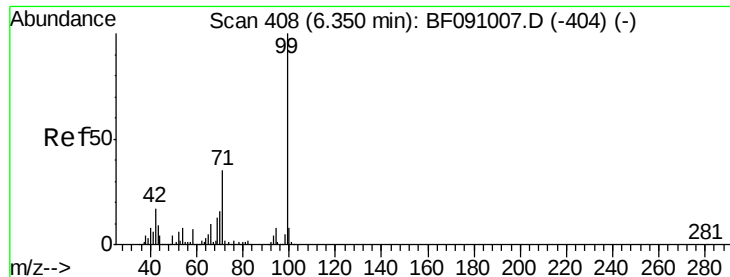


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.24 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

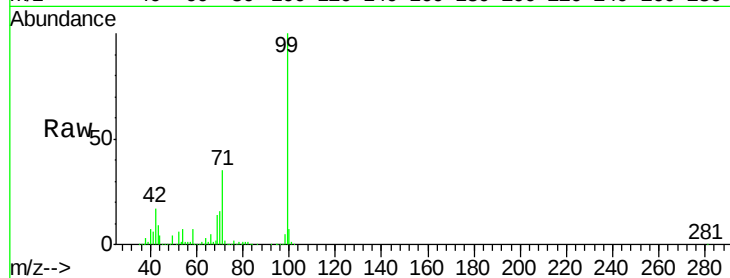
Tgt Ion: 99 Resp: 1687188

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

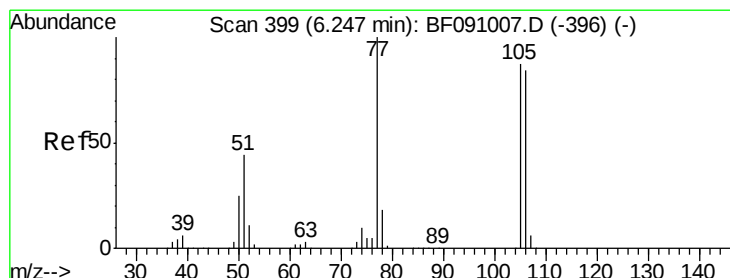
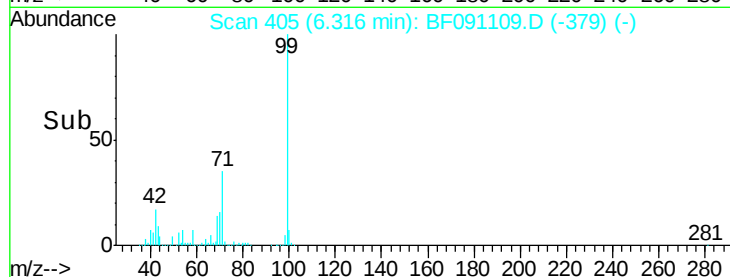
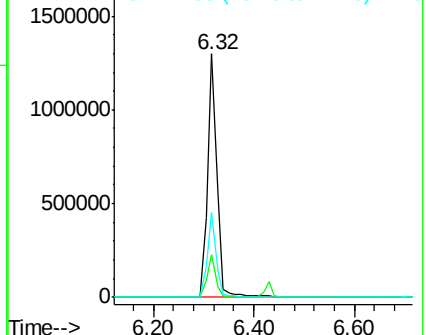
71 34.9 27.8 41.8



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



#9

Benzaldehyde

Concen: 4.18 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

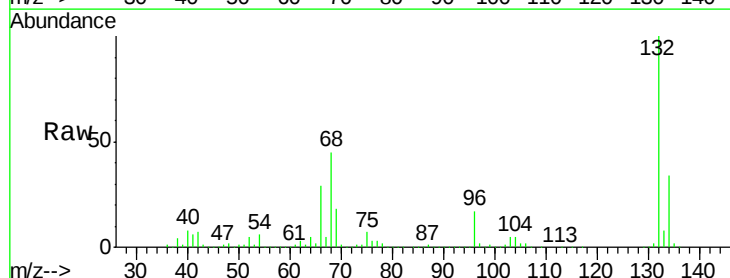
Tgt Ion: 77 Resp: 31986

Ion Ratio Lower Upper

77 100

105 76.7 66.8 106.8

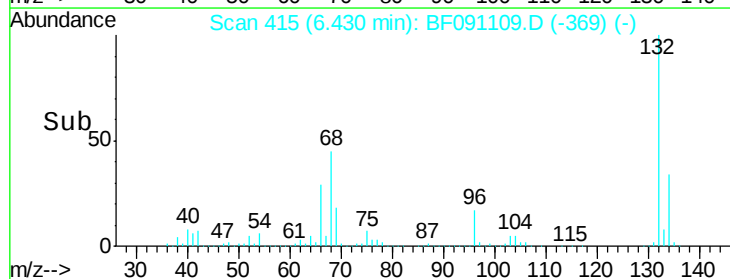
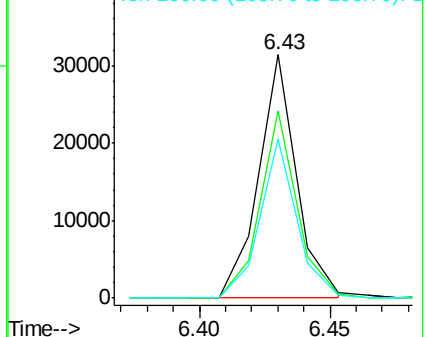
106 65.5 64.0 104.0

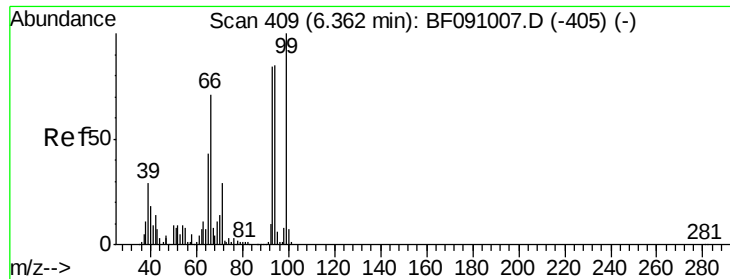


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.02 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

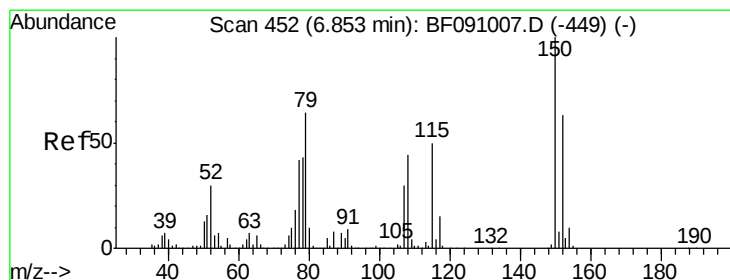
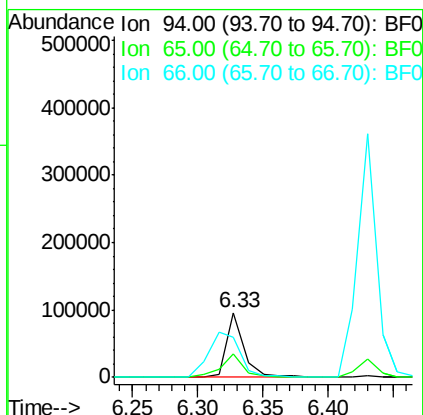
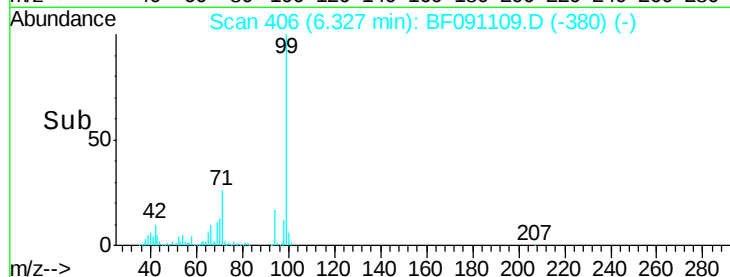
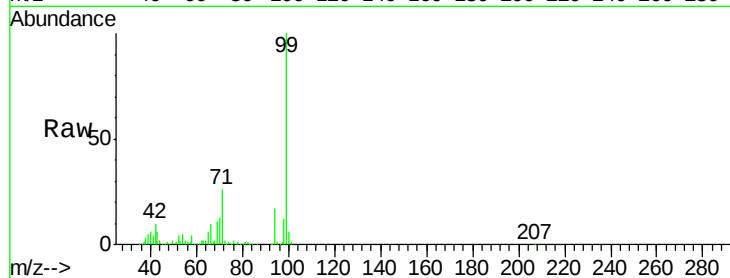
Tgt Ion: 94 Resp: 91921

Ion Ratio Lower Upper

94 100

65 36.2 30.4 70.4

66 61.4 62.9 102.9#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

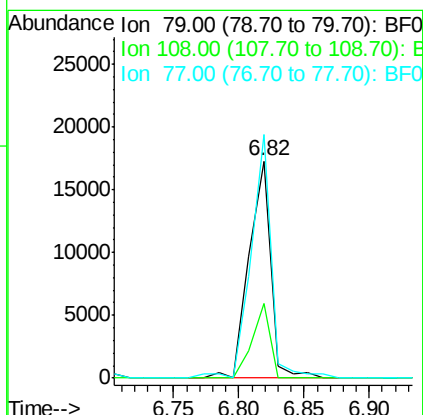
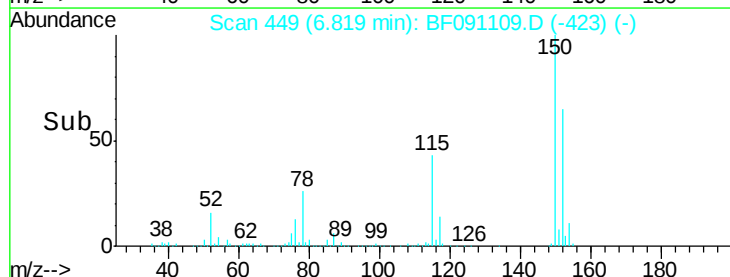
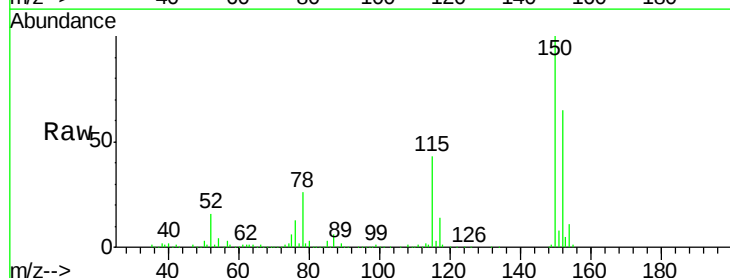
Tgt Ion: 79 Resp: 19971

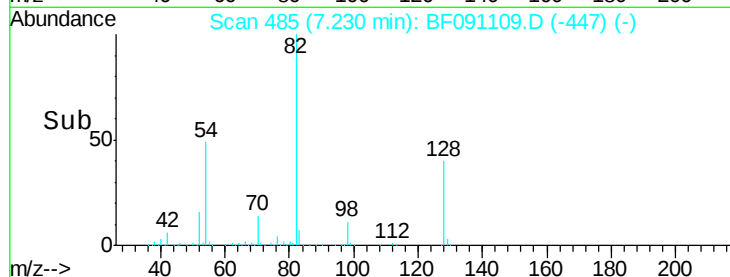
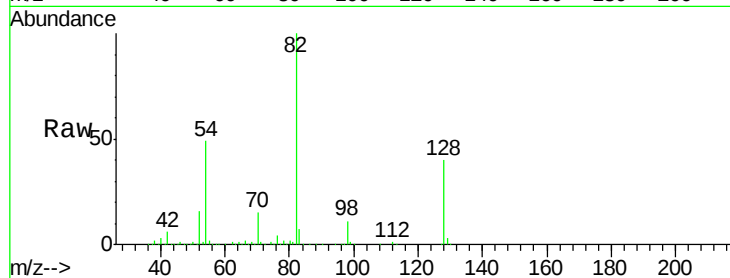
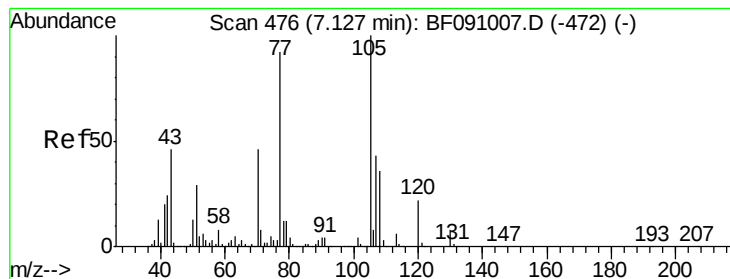
Ion Ratio Lower Upper

79 100

108 34.7 55.7 83.5#

77 112.3 52.6 79.0#





#19

n-Nitroso-di-n-propylamine

Concen: 15.58 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

Tgt Ion: 70 Resp: 149052

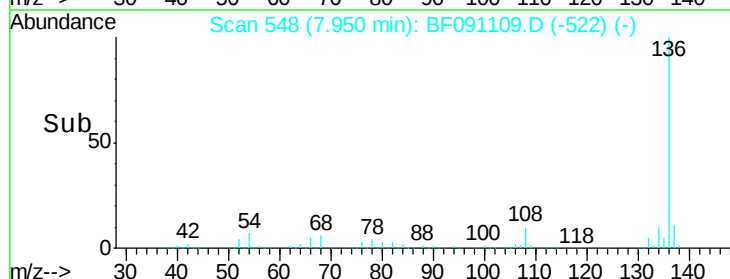
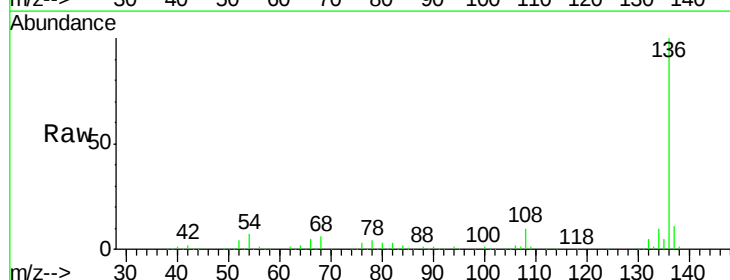
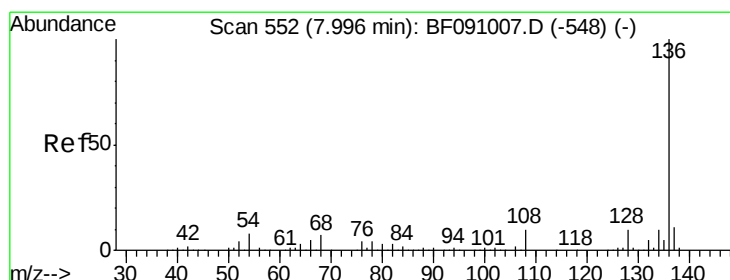
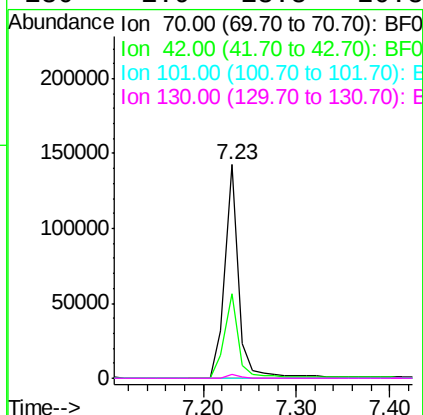
Ion Ratio Lower Upper

70 100

42 39.8 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Tgt Ion: 136 Resp: 683792

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.2 9.2

68 6.3 5.5 8.3

