

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091160.D
 Acq On : 12 Nov 2016 00:25
 Operator : UM/SJ
 Sample : H5618-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050-10STAGMAN

Quant Time: Nov 12 00:53:55 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	6.65	152	171925	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	403290	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	243612	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	429798	20.00	ng	0.00
75) Chrysene-d12	13.79	240	340772	20.00	ng	-0.02
86) Perylene-d12	15.16	264	341085	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1131816	108.72	ng	0.00
7) Phenol-d6	6.30	99	1446563	102.38	ng	-0.01
23) Nitrobenzene-d5	7.22	82	949784	128.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	235441	106.90	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1147899	81.12	ng	-0.01
78) Terphenyl-d14	12.75	244	992857	72.71	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	34115	4.35	ng	86
10) Phenol	6.32	94	67904	4.34	ng	# 61
15) Benzyl Alcohol	6.80	79	25310	2.54	ng	# 51
19) n-Nitroso-di-n-propylamine	7.05	70	69992	7.15	ng	# 63
22) Acetophenone	7.05	105	270084	29.09	ng	# 33
24) Nitrobenzene	7.20	77	53449	6.55	ng	# 37
25) Isophorone	7.46	82	193799	13.60	ng	# 1
26) 2-Nitrophenol	7.57	139	19882	5.75	ng	# 1
27) 2,4-Dimethylphenol	7.58	122	14952	2.62	ng	# 1
29) 2,4-Dichlorophenol	7.79	162	22149	4.44	ng	# 14
31) Naphthalene	7.94	128	96490	5.00	ng	# 1
32) Benzoic acid	7.80	122	2642	5.60	ng	# 1
33) 4-Chloroaniline	8.00	127	27466	3.42	ng	# 1
35) Caprolactam	8.38	113	123497	78.82	ng	# 27
36) 4-Chloro-3-methylphenol	8.46	107	57401	9.51	ng	# 33
37) 2-Methylnaphthalene	8.66	142	41203	3.32	ng	# 53
42) 2,4,6-Trichlorophenol	8.94	196	9946	2.48	ng	# 13
43) 2,4,5-Trichlorophenol	8.94	196	9946	2.36	ng	# 1
47) 2-Nitroaniline	9.24	65	26891	5.37	ng	# 49
49) Dimethylphthalate	9.42	163	272272	17.04	ng	# 96
50) 2,6-Dinitrotoluene	9.47	165	30090	8.79	ng	# 62
52) 3-Nitroaniline	9.68	138	14945	3.68	ng	# 46
53) 2,4-Dinitrophenol	9.76	184	442	6.48	ng	# 1
55) 4-Nitrophenol	9.80	139	63055	27.38	ng	# 1
56) 2,4-Dinitrotoluene	9.90	165	54394	12.49	ng	# 75
57) Fluorene	10.24	166	54938	3.78	ng	# 4
59) Diethylphthalate	10.11	149	57052	3.48	ng	# 37
60) 4-Chlorophenyl-phenylether	10.19	204	13532	2.05	ng	# 1
61) 4-Nitroaniline	10.20	138	20072	4.89	ng	# 48
62) Azobenzene	10.40	77	50035	2.60	ng	# 1
65) n-Nitrosodiphenylamine	10.36	169	204449	14.97	ng	# 44
68) Atrazine	10.90	200	71407	18.12	ng	# 70
70) Phenanthrene	11.20	178	111956	4.90	ng	# 54
71) Anthracene	11.30	178	245311	10.10	ng	# 1

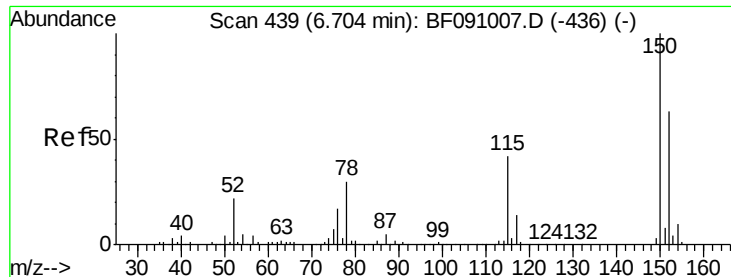
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.60	202	151024	6.77	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

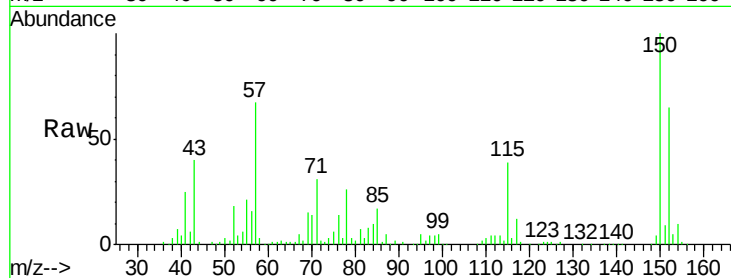
Tgt Ion:152 Resp: 171925

Ion Ratio Lower Upper

152 100

150 153.3 126.8 190.2

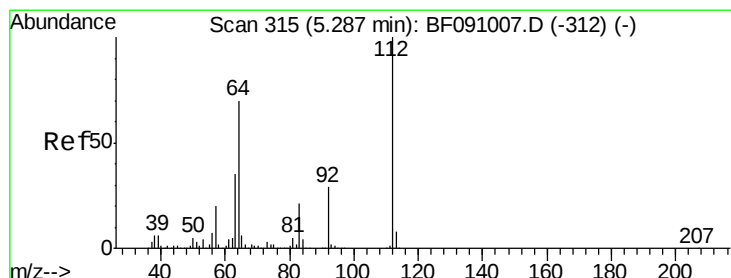
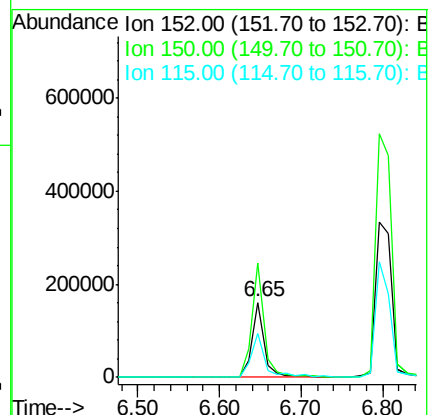
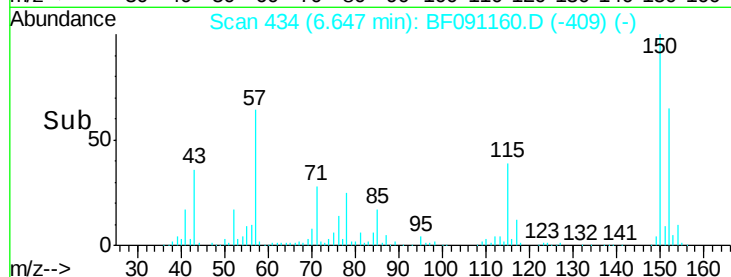
115 59.3 53.3 79.9



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: 108.72 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

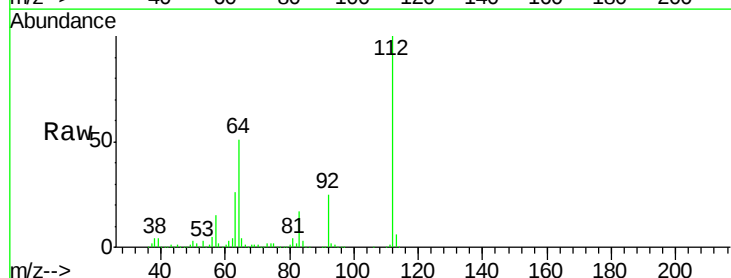
Tgt Ion:112 Resp: 1131816

Ion Ratio Lower Upper

112 100

64 51.2 55.8 83.6#

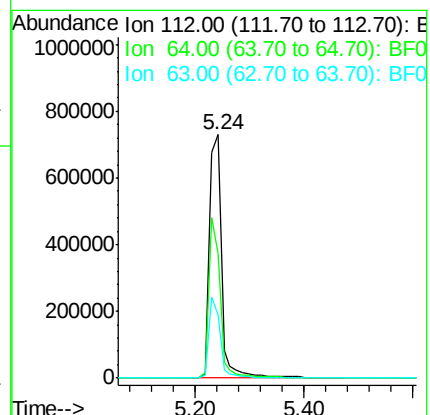
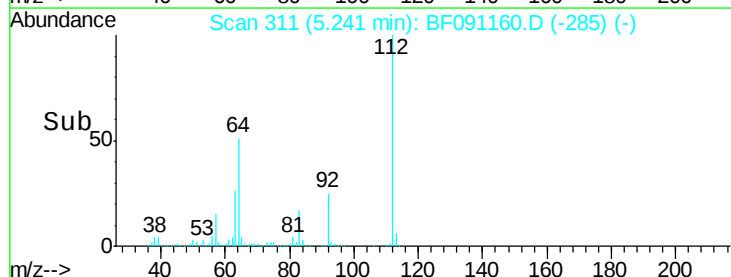
63 26.0 28.0 42.0#

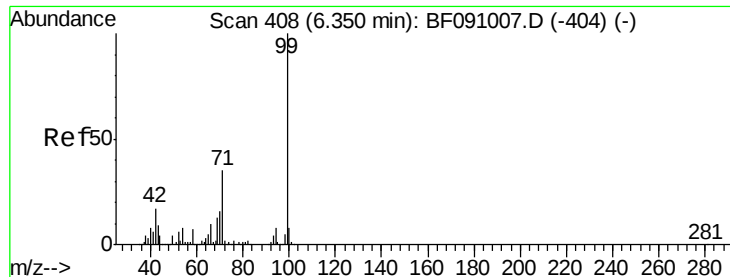


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.38 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

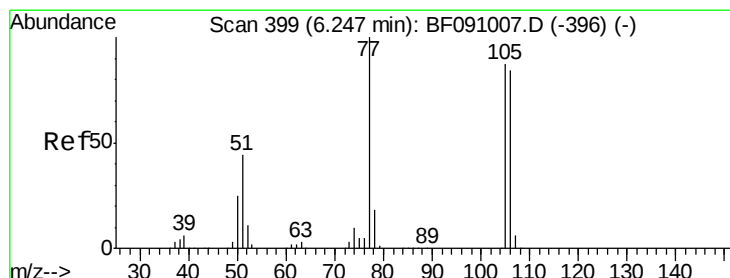
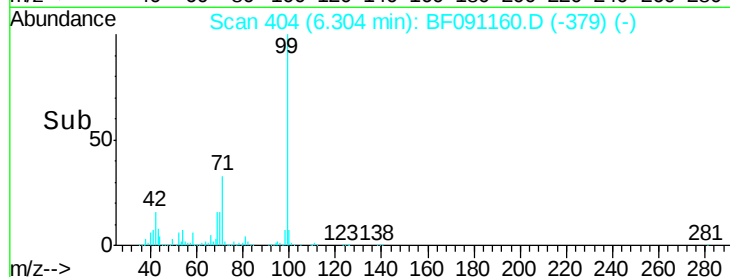
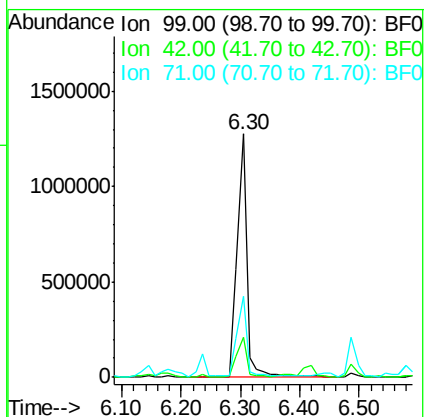
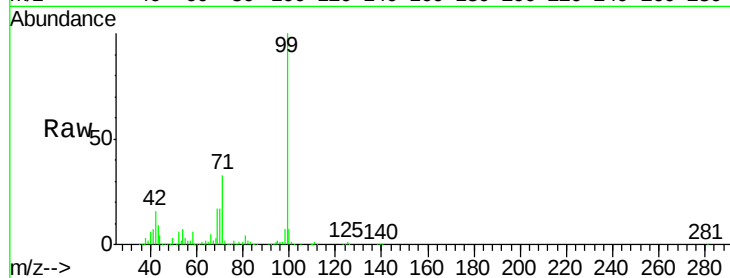
Tgt Ion: 99 Resp: 1446563

Ion Ratio Lower Upper

99 100

42 16.5 13.9 20.9

71 33.4 27.8 41.8



#9

Benzaldehyde

Concen: 4.35 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.22 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

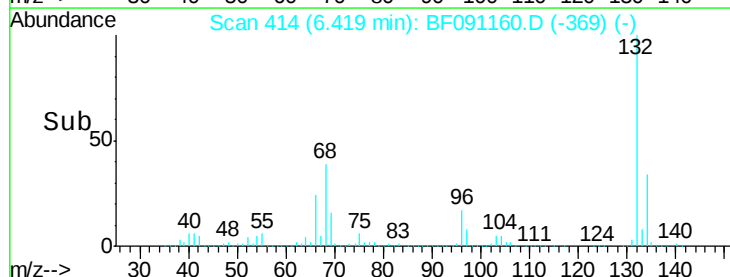
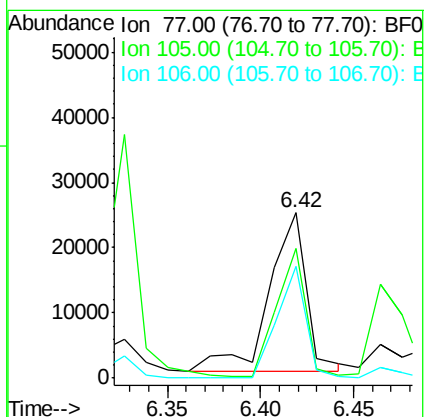
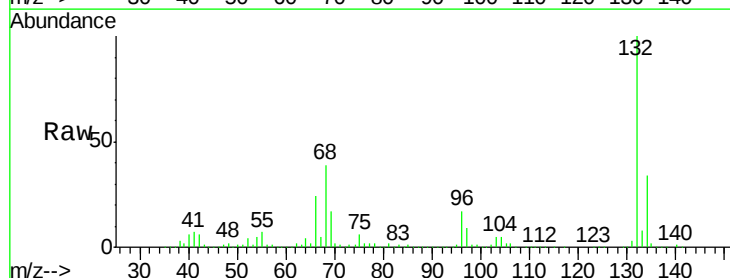
Tgt Ion: 77 Resp: 34115

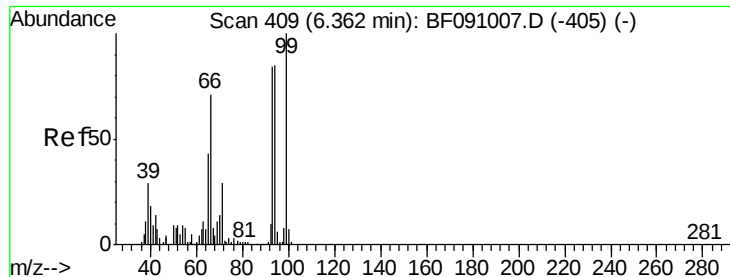
Ion Ratio Lower Upper

77 100

105 78.5 66.8 106.8

106 67.2 64.0 104.0





#10

Phenol

Concen: 4.34 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

Instrument :

BNA_F

ClientSampleId :

1050-10STAGMAN

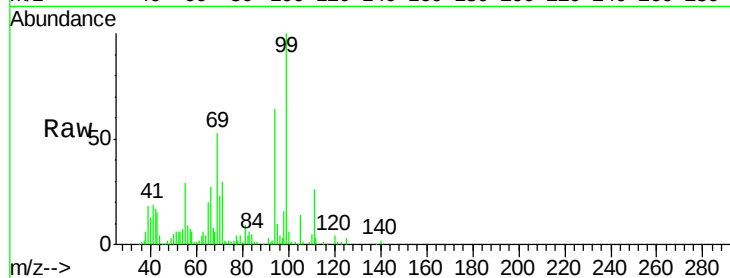
Tgt Ion: 94 Resp: 67904

Ion Ratio Lower Upper

94 100

65 30.6 30.4 70.4

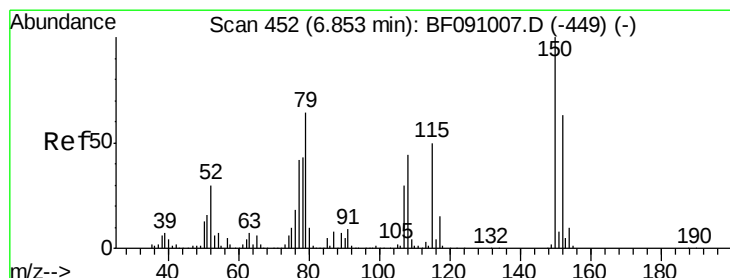
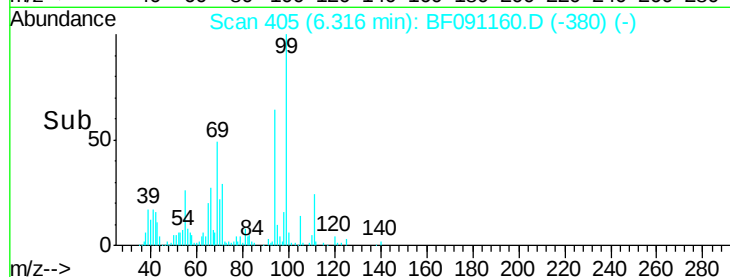
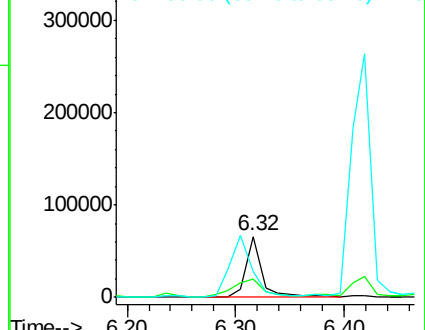
66 42.4 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091160.D

Acq: 12 Nov 2016 00:25

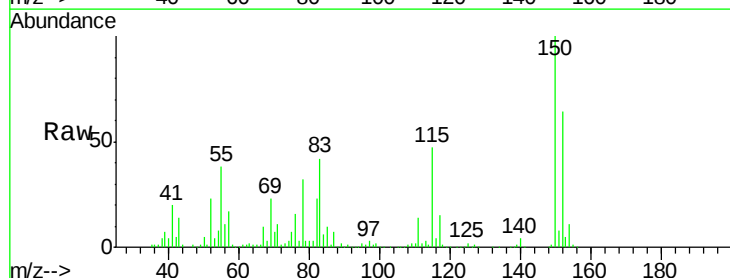
Tgt Ion: 79 Resp: 25310

Ion Ratio Lower Upper

79 100

108 20.3 55.7 83.5#

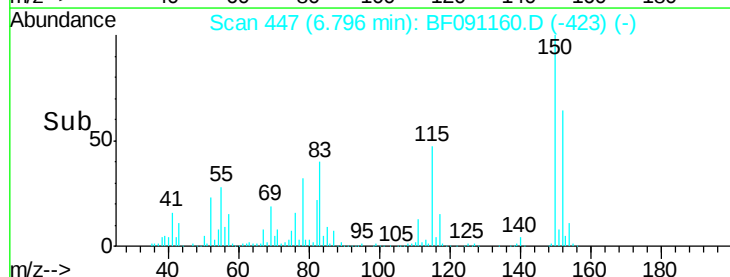
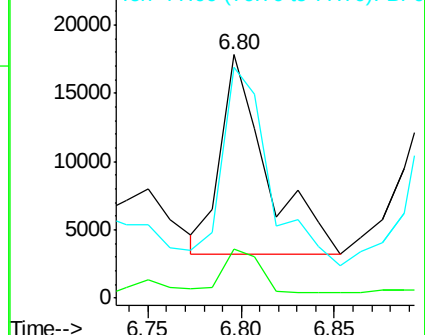
77 95.0 52.6 79.0#

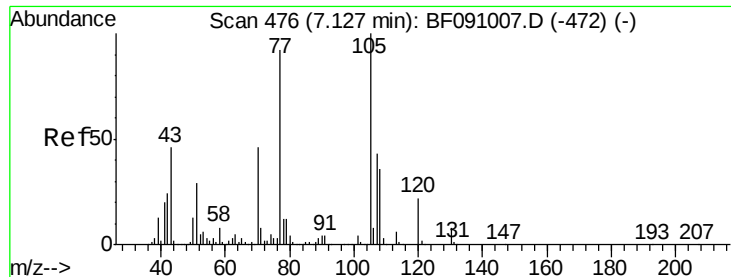


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

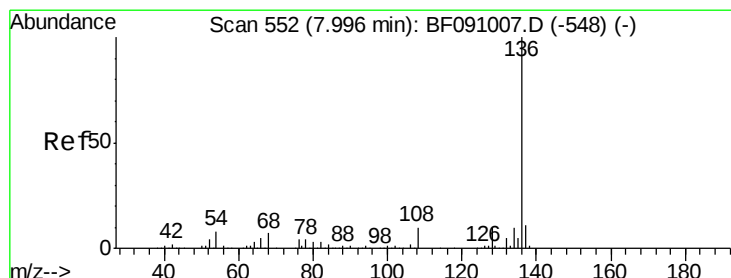
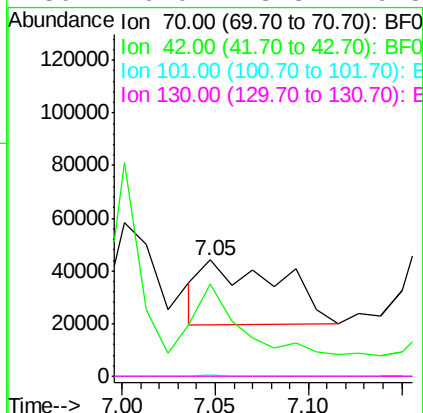
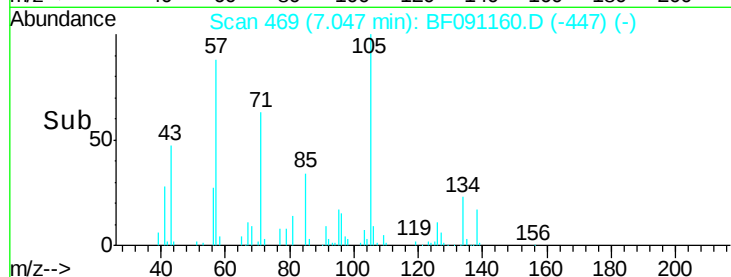
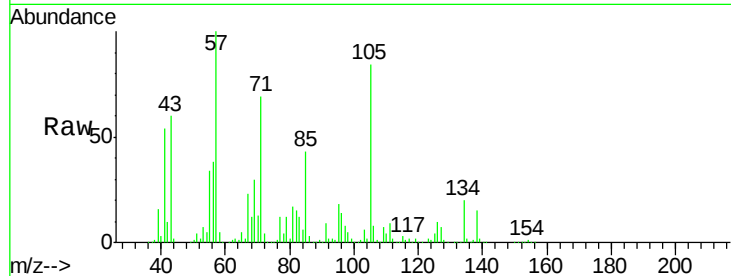




#19
n-Nitroso-di-n-propylamine
Concen: 7.15 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

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1050-10STAGMAN

Tgt Ion: 70 Resp: 69992
Ion Ratio Lower Upper
70 100
42 79.6 41.7 62.5#
101 1.2 6.7 10.1#
130 0.0 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion: 136 Resp: 403290
Ion Ratio Lower Upper
136 100
137 13.0 8.9 13.3
54 12.0 6.2 9.2#
68 11.3 5.5 8.3#

