

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091150.D
 Acq On : 11 Nov 2016 19:51
 Operator : UM/SJ
 Sample : H5609-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Nov 11 23:58:02 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	165562	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	752886	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	392437	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	579342	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	438477	20.00	ng	-0.03
86) Perylene-d12	15.15	264	323680	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	687932	68.62	ng	-0.01
7) Phenol-d6	6.29	99	598220	43.97	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1399747	101.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	526932	148.52	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2165324	94.99	ng	-0.02
78) Terphenyl-d14	12.74	244	1981587	112.78	ng	-0.02

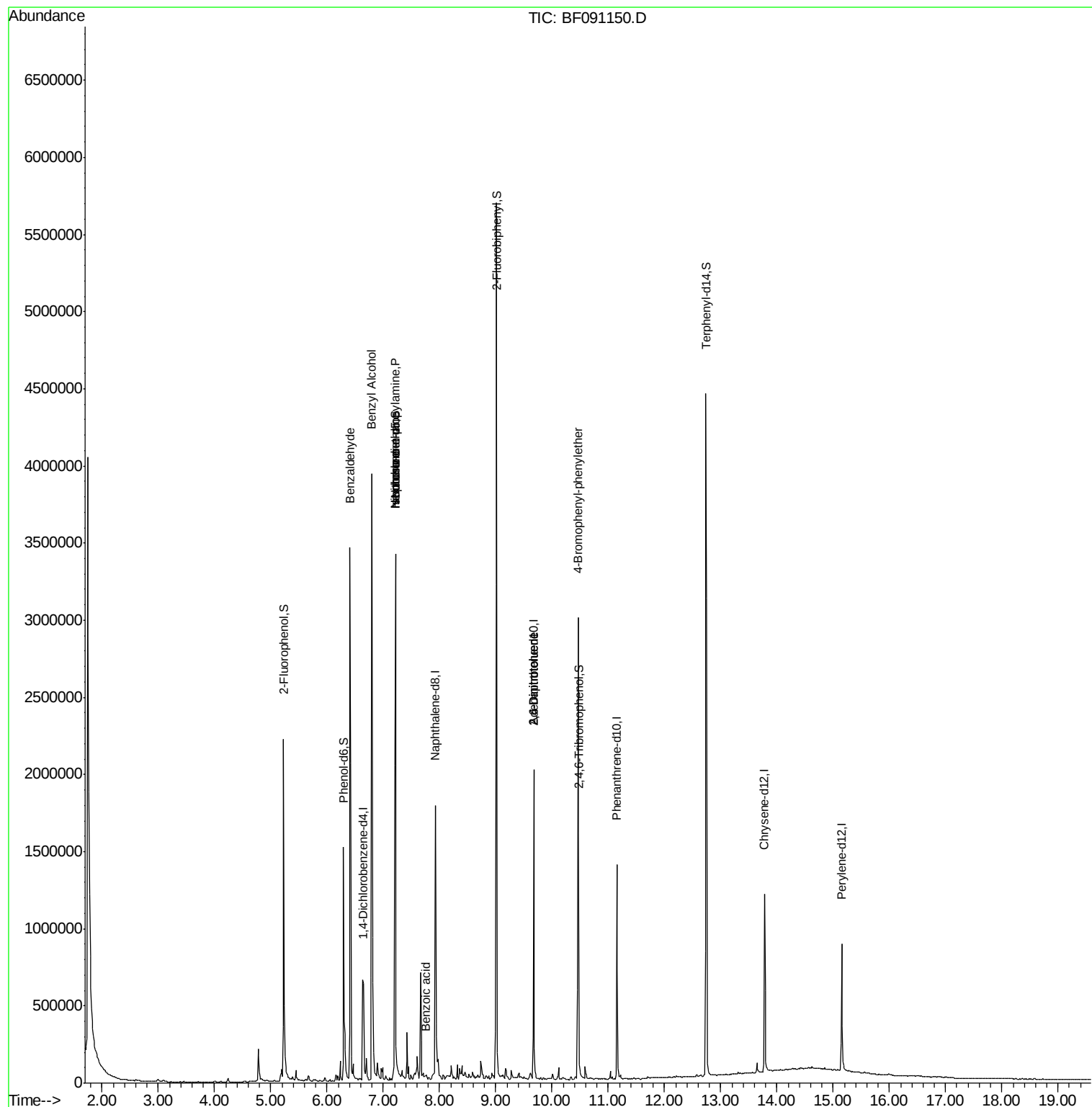
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	27806	3.68	ng	86
15) Benzyl Alcohol	6.80	79	20674	2.15	ng	# 56
18) Hexachloroethane	7.22	117	152528	30.37	ng	# 3
19) n-Nitroso-di-n-propylamine	7.22	70	194784	20.66	ng	# 76
25) Isophorone	7.22	82	1354015	50.91	ng	# 67
32) Benzoic acid	7.76	122	1074	5.19	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	51402	9.32	ng	# 11
56) 2,4-Dinitrotoluene	9.68	165	51404	7.33	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	31933	5.30	ng	# 1

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

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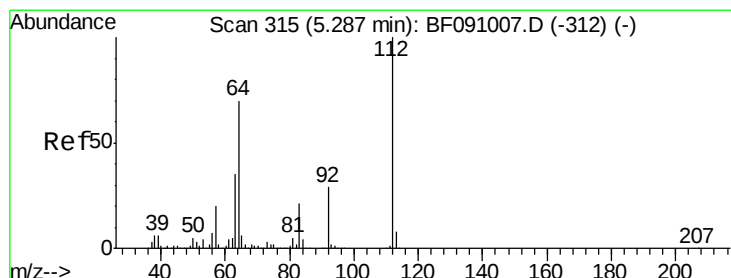
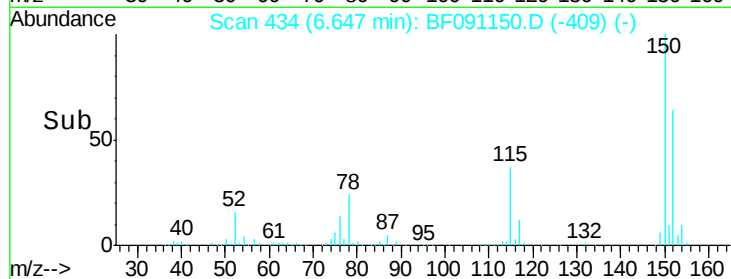
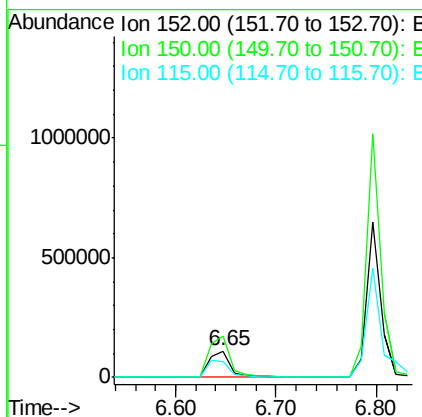
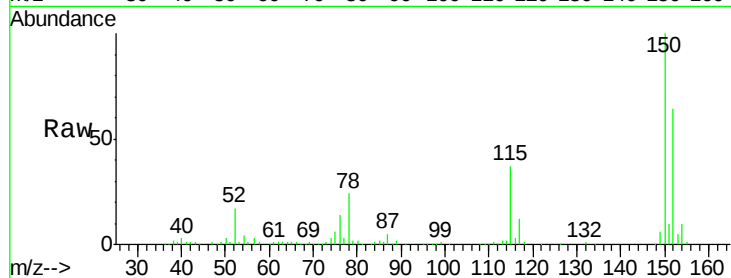




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF091150.D
 Acq: 11 Nov 2016 19:51

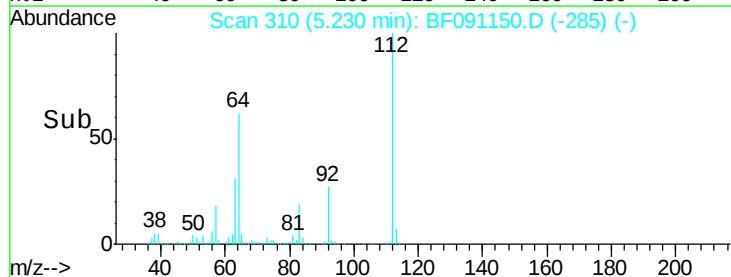
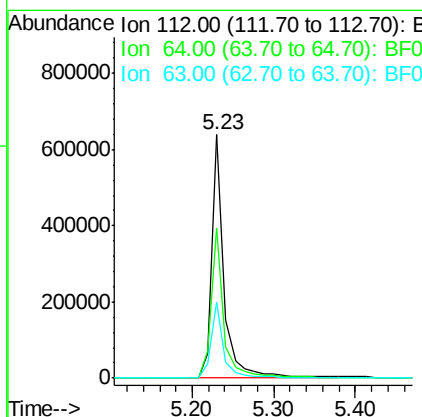
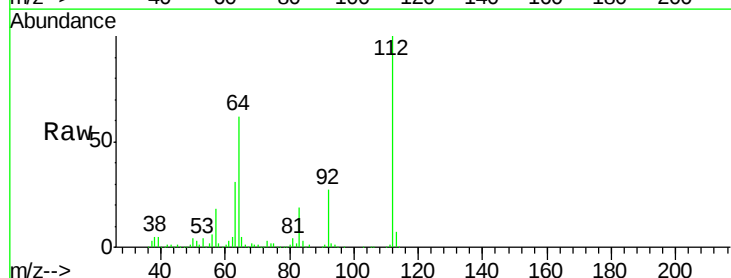
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:152 Resp: 165562
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.8 190.2
 115 57.9 53.3 79.9



#5
 2-Fluorophenol
 Concen: 68.62 ng
 RT: 5.23 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF091150.D
 Acq: 11 Nov 2016 19:51

Tgt Ion:112 Resp: 687932
 Ion Ratio Lower Upper
 112 100
 64 61.8 55.8 83.6
 63 31.2 28.0 42.0





#7

Phenol-d6

Concen: 43.97 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

Instrument :

BNA_F

ClientSampleId :

MW-11

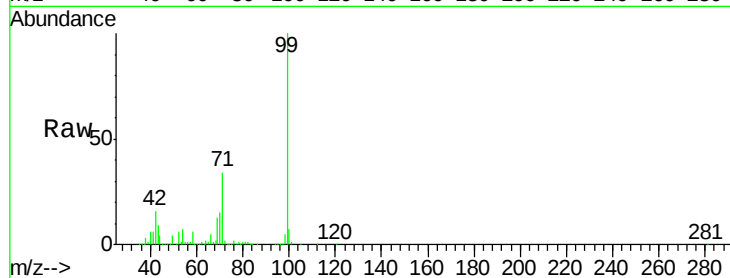
Tgt Ion: 99 Resp: 598220

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

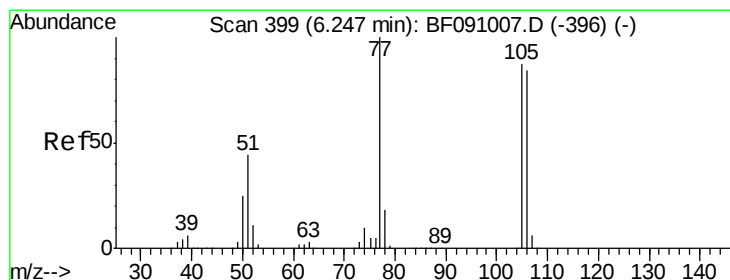
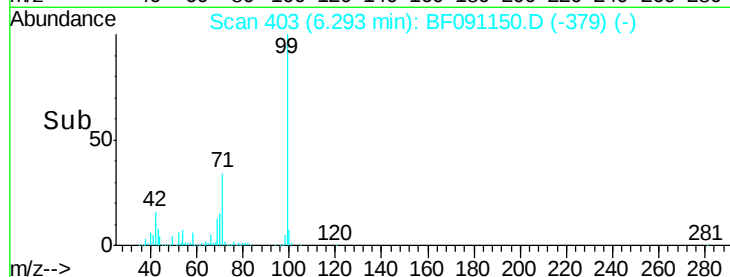
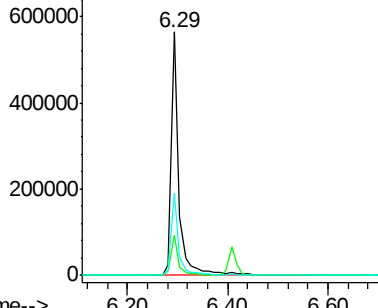
71 33.6 27.8 41.8



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: 3.68 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

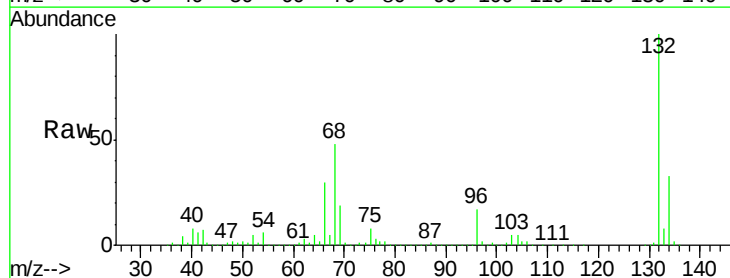
Tgt Ion: 77 Resp: 27806

Ion Ratio Lower Upper

77 100

105 78.7 66.8 106.8

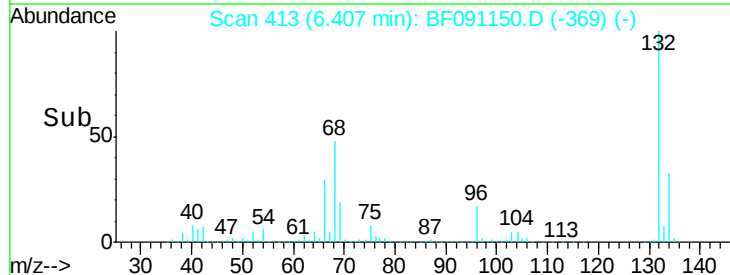
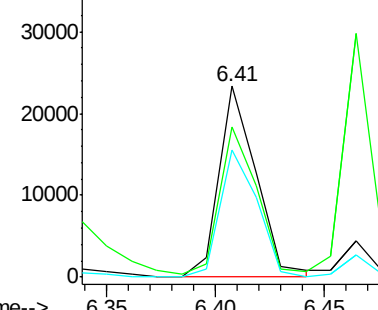
106 66.7 64.0 104.0

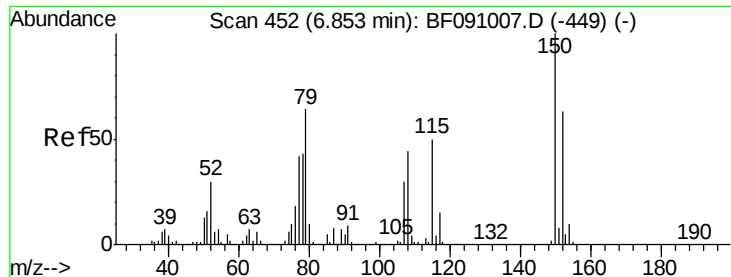


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

Instrument :

BNA_F

ClientSampleId :

MW-11

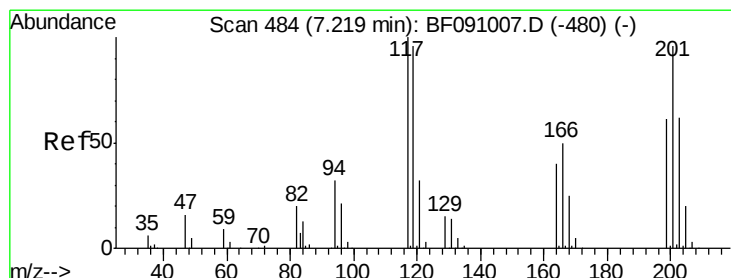
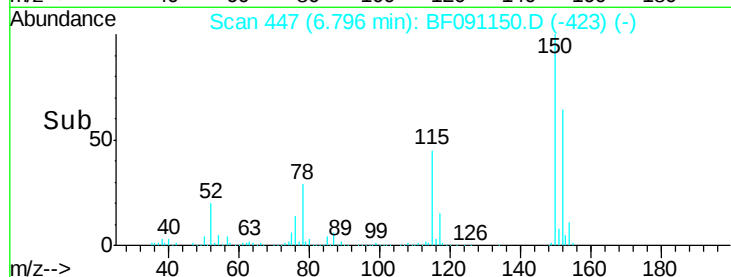
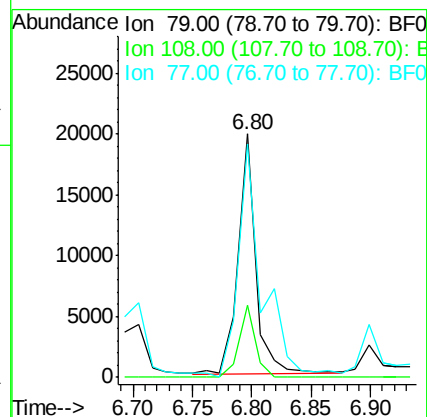
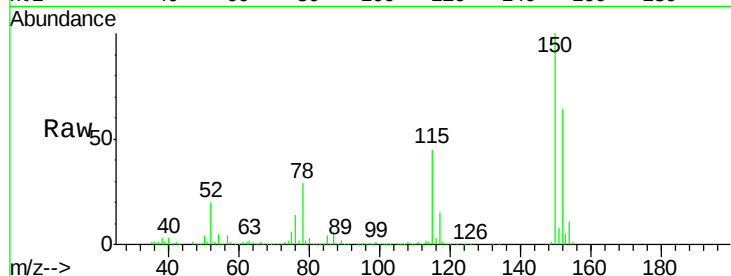
Tgt Ion: 79 Resp: 20674

Ion Ratio Lower Upper

79 100

108 29.4 55.7 83.5#

77 96.0 52.6 79.0#



#18

Hexachloroethane

Concen: 30.37 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.05 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

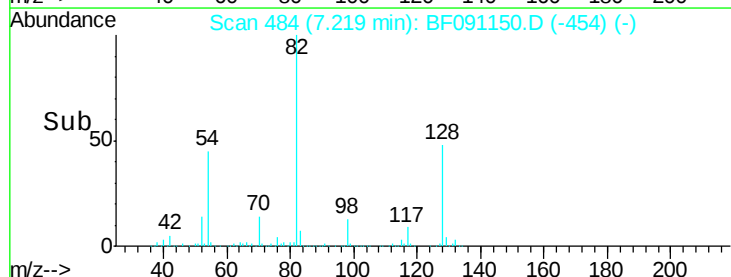
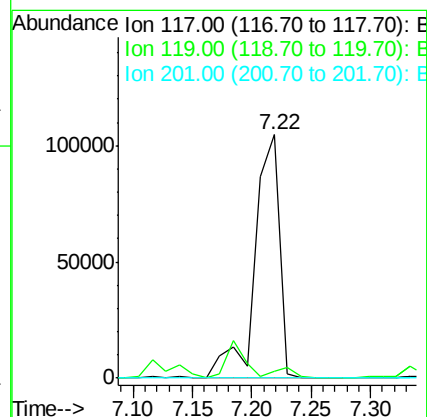
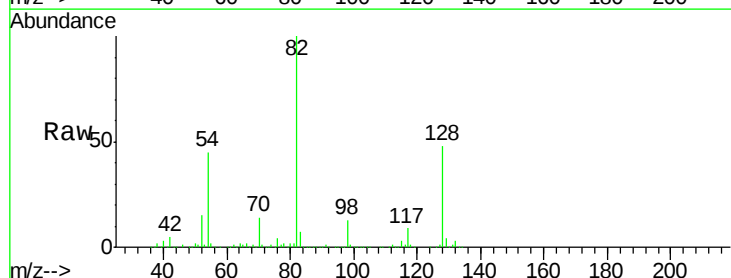
Tgt Ion: 117 Resp: 152528

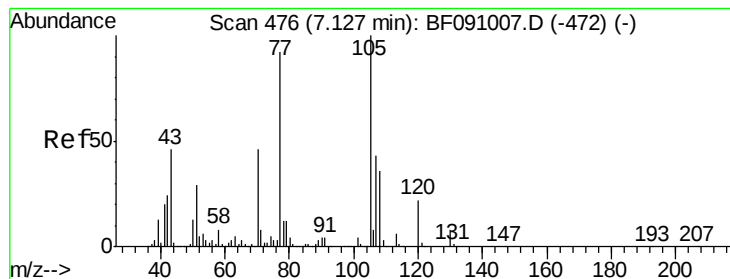
Ion Ratio Lower Upper

117 100

119 2.7 76.6 115.0#

201 0.0 77.1 115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 20.66 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.13 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion: 70 Resp: 194784

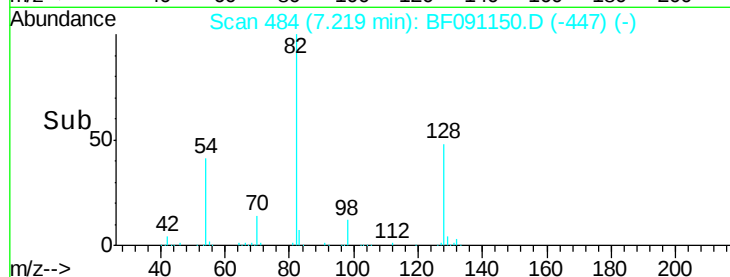
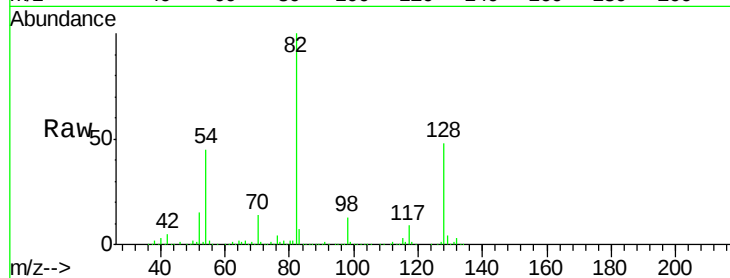
Ion Ratio Lower Upper

70 100

42 37.3 41.7 62.5#

101 0.4 6.7 10.1#

130 2.8 13.8 20.8#

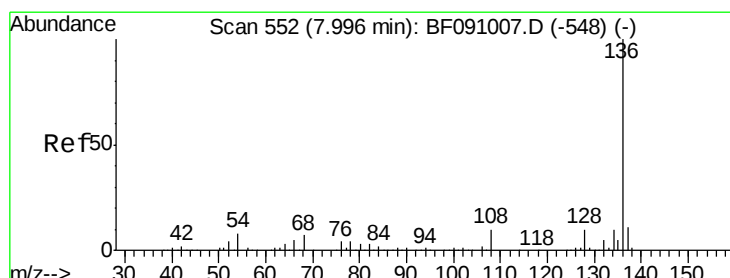
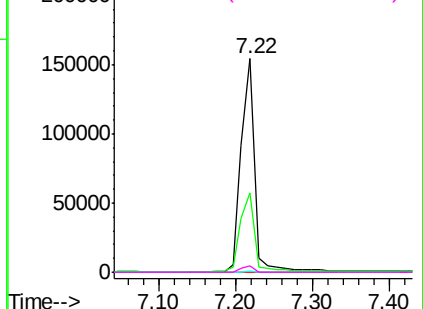


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

Tgt Ion: 136 Resp: 752886

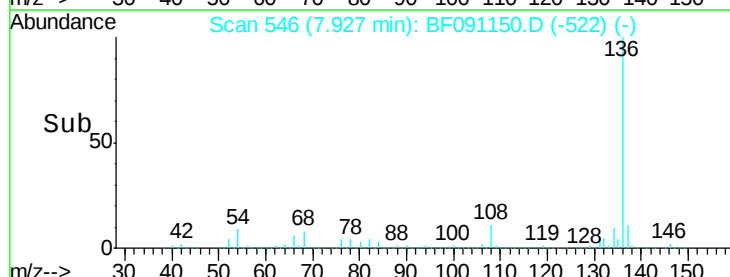
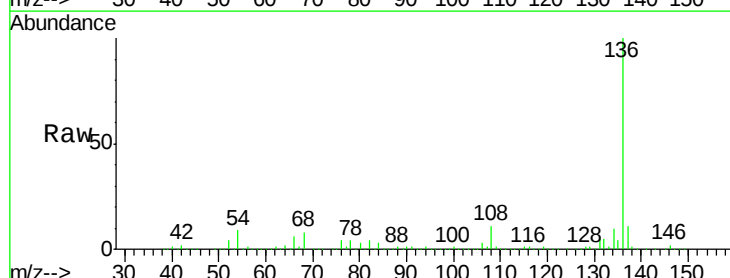
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.6 6.2 9.2

68 7.7 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

