

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091115.D
 Acq On : 9 Nov 2016 7:23
 Operator : UM/SJ
 Sample : H5547-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-2

Quant Time: Nov 09 07:57:20 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

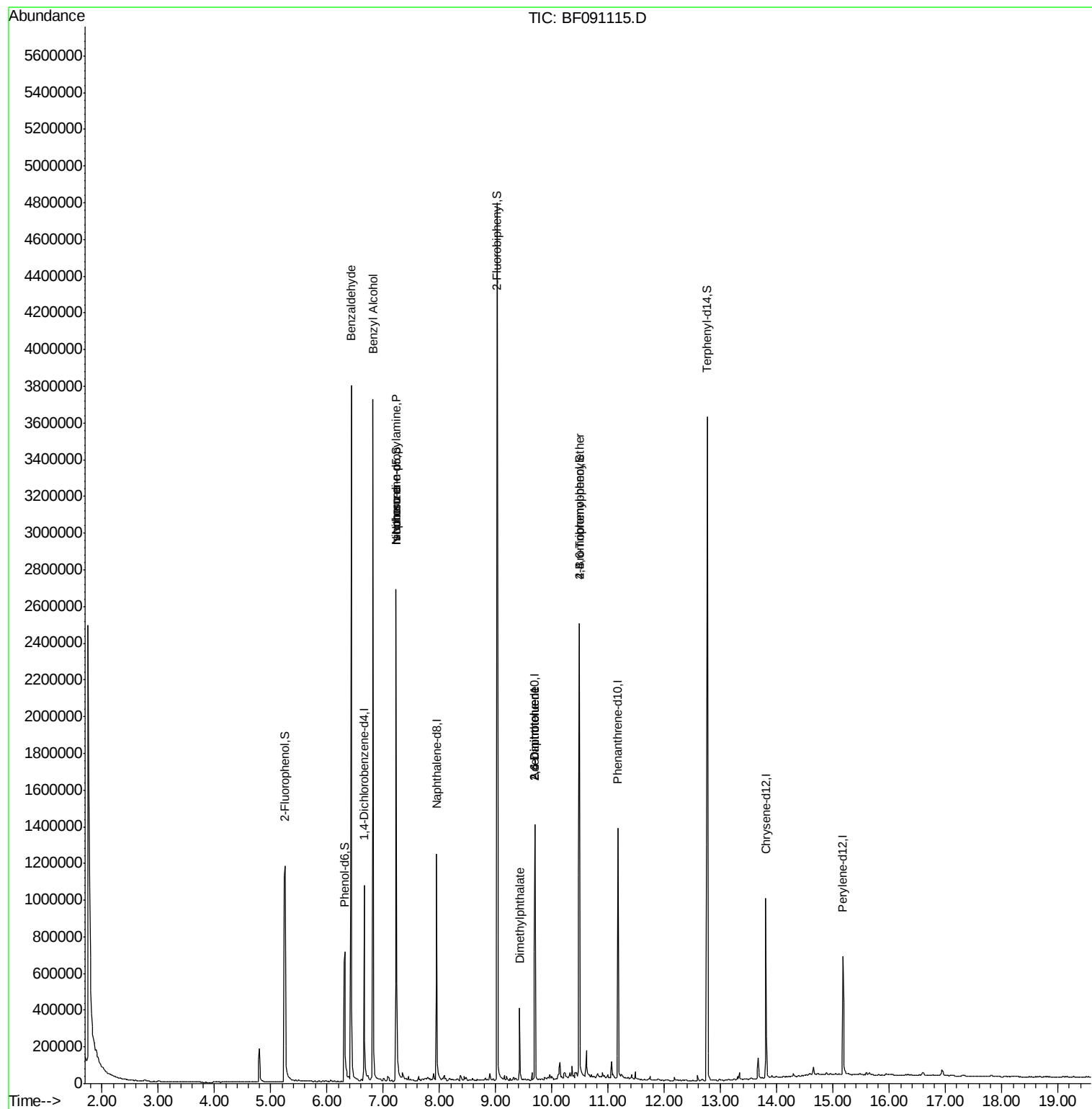
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172288	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	677401	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	328354	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	453162	20.00	ng	0.00
75) Chrysene-d12	13.80	240	329111	20.00	ng	-0.01
86) Perylene-d12	15.17	264	289357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	557795	53.47	ng	0.01
7) Phenol-d6	6.32	99	438371	30.96	ng	0.00
23) Nitrobenzene-d5	7.23	82	1015027	81.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	322600	108.67	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1594690	83.61	ng	-0.01
78) Terphenyl-d14	12.76	244	1220527	92.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	24476	3.11	ng	86
15) Benzyl Alcohol	6.82	79	20512	2.05	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	141703	14.44	ng	# 79
25) Isophorone	7.23	82	863101	36.07	ng	# 67
49) Dimethylphthalate	9.42	163	149256	6.93	ng	97
50) 2,6-Dinitrotoluene	9.70	165	41546	9.00	ng	# 12
56) 2,4-Dinitrotoluene	9.70	165	41548	7.08	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	23119	4.90	ng	# 1

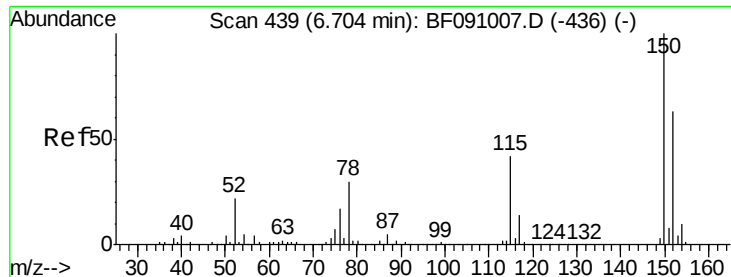
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-2

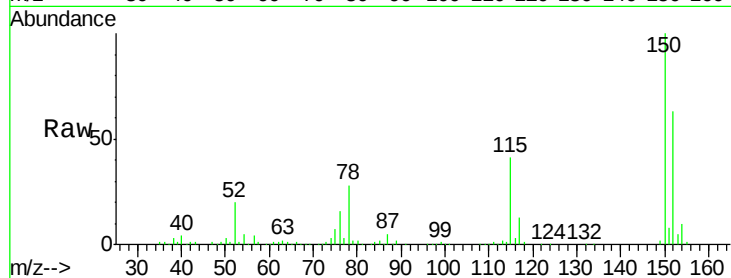
Tgt Ion:152 Resp: 172288

Ion Ratio Lower Upper

152 100

150 158.7 126.8 190.2

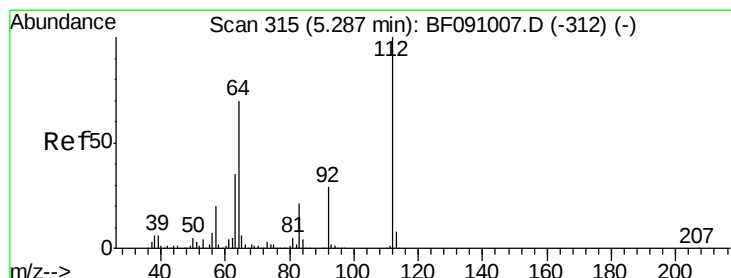
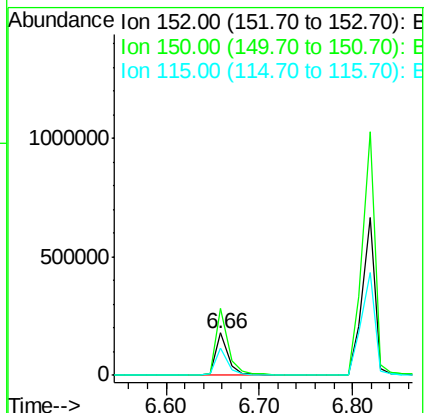
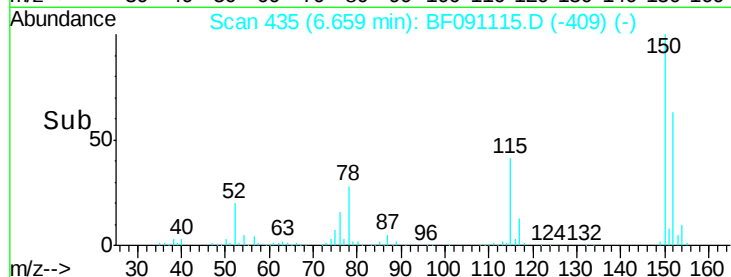
115 65.3 53.3 79.9



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: 53.47 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

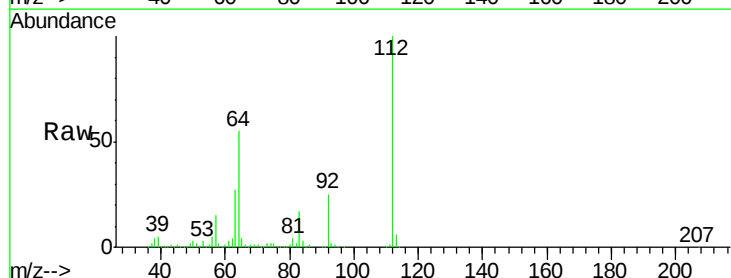
Tgt Ion:112 Resp: 557795

Ion Ratio Lower Upper

112 100

64 55.0 55.8 83.6#

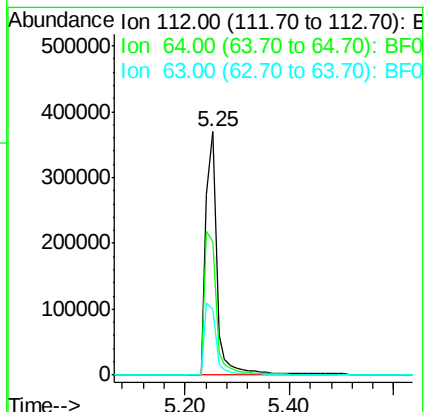
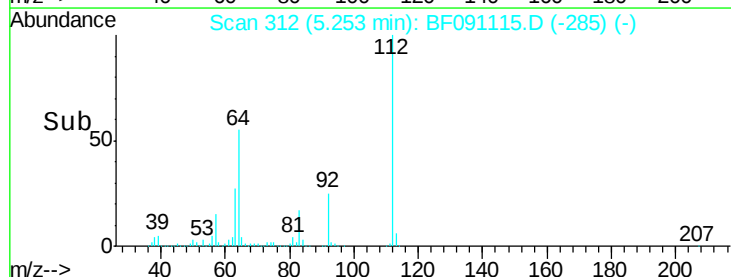
63 27.2 28.0 42.0#

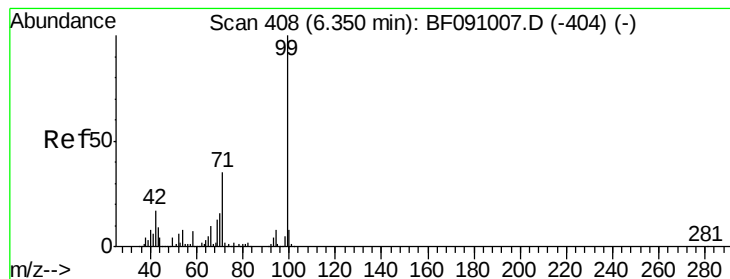


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.96 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-2

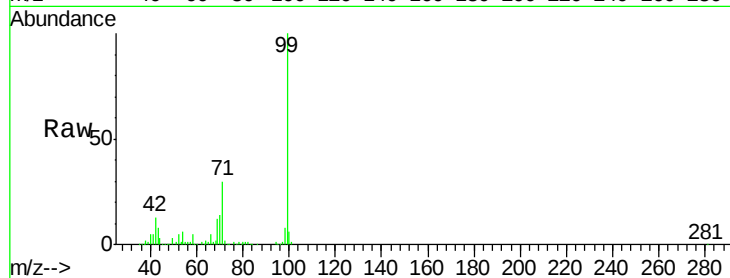
Tgt Ion: 99 Resp: 438371

Ion Ratio Lower Upper

99 100

42 13.2 13.9 20.9#

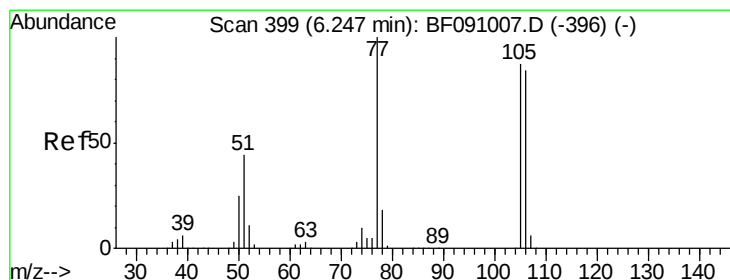
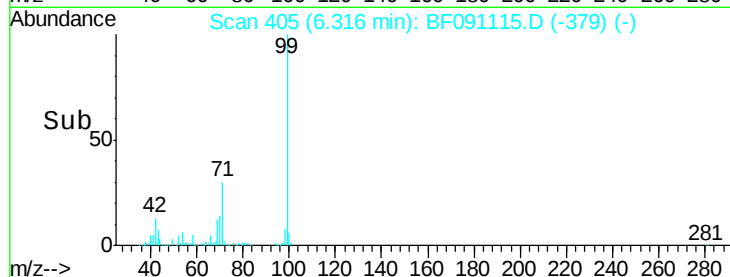
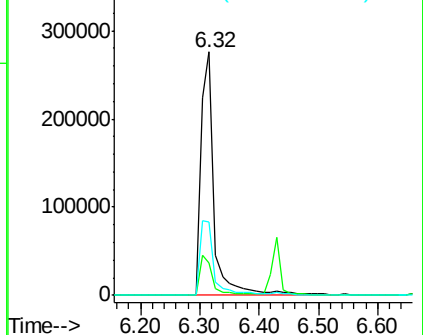
71 30.2 27.8 41.8



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: 3.11 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

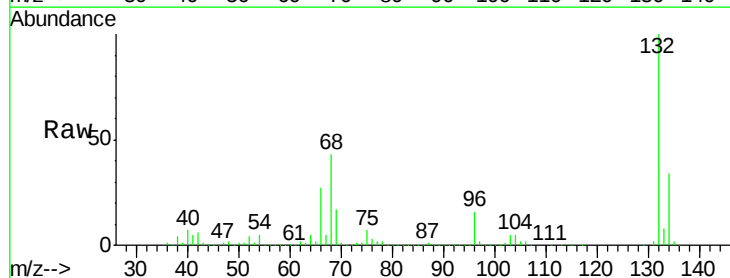
Tgt Ion: 77 Resp: 24476

Ion Ratio Lower Upper

77 100

105 76.7 66.8 106.8

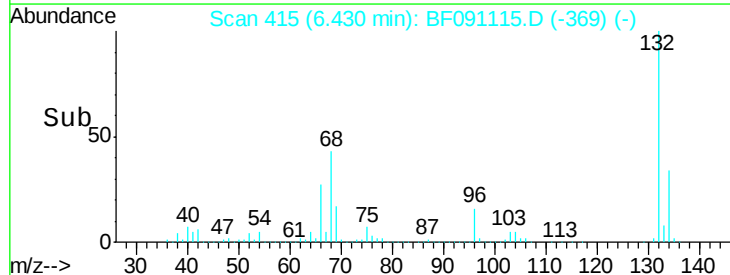
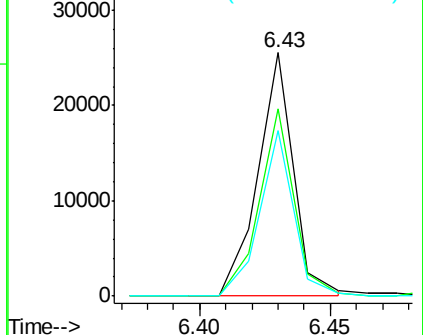
106 68.1 64.0 104.0

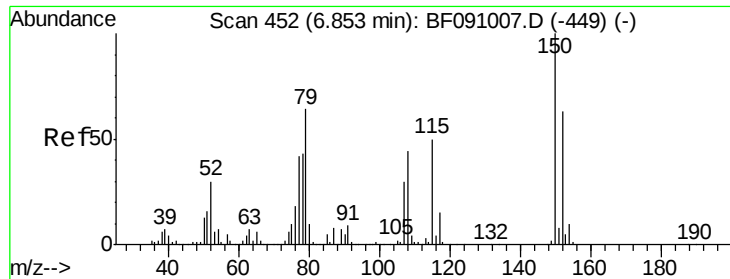


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

Instrument :

BNA_F

ClientSampleId :

WATER-QUALITYDRY-2

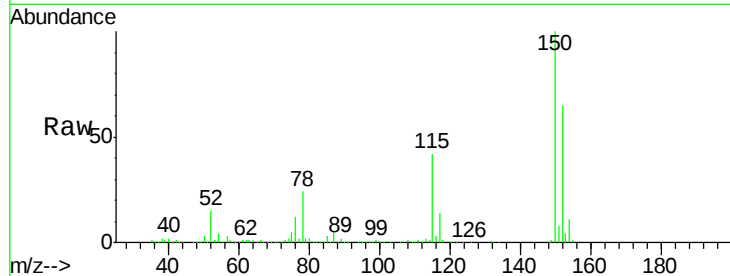
Tgt Ion: 79 Resp: 20512

Ion Ratio Lower Upper

79 100

108 32.7 55.7 83.5#

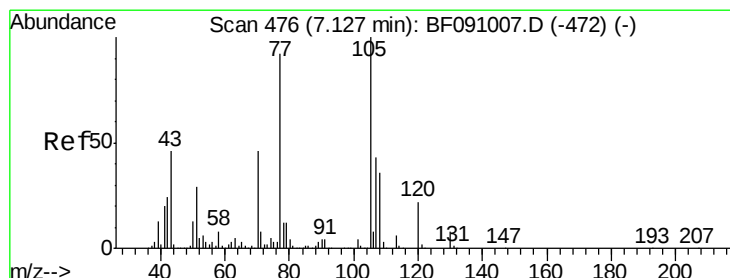
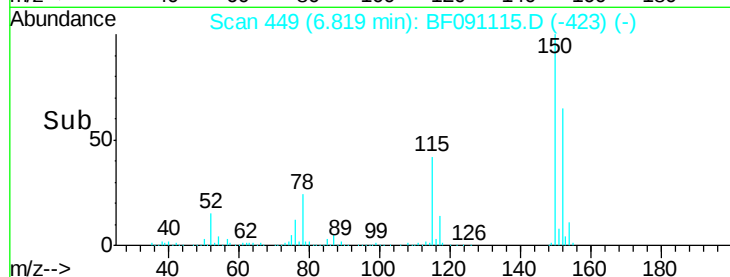
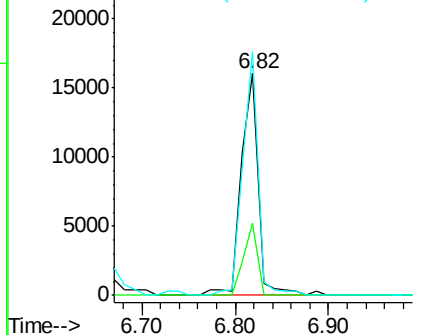
77 109.8 52.6 79.0#



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: 14.44 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091115.D

Acq: 9 Nov 2016 7:23

Tgt Ion: 70 Resp: 141703

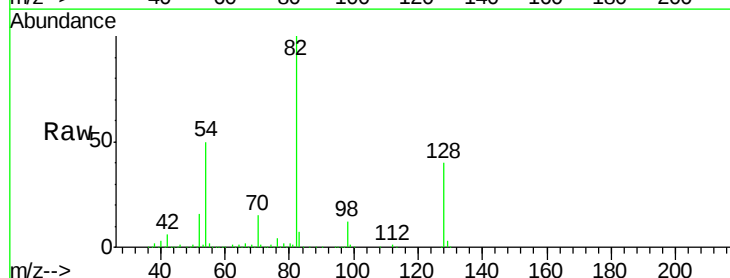
Ion Ratio Lower Upper

70 100

42 40.6 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#

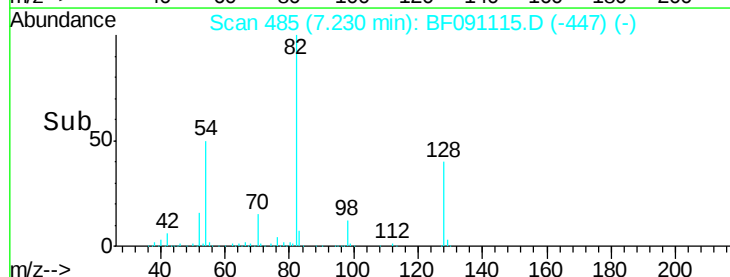
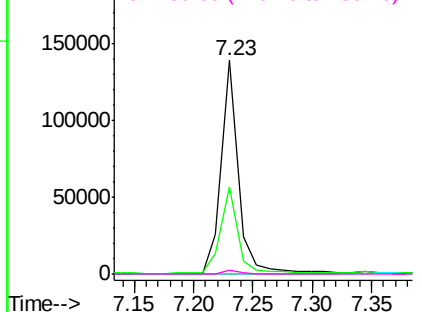


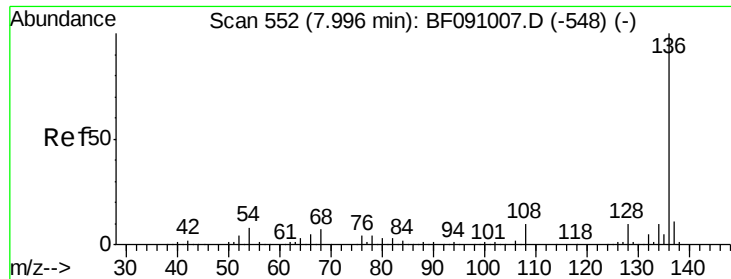
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

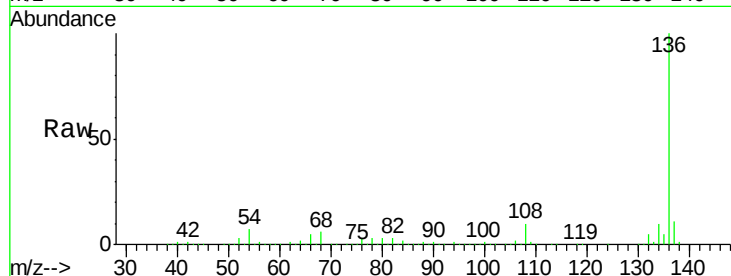




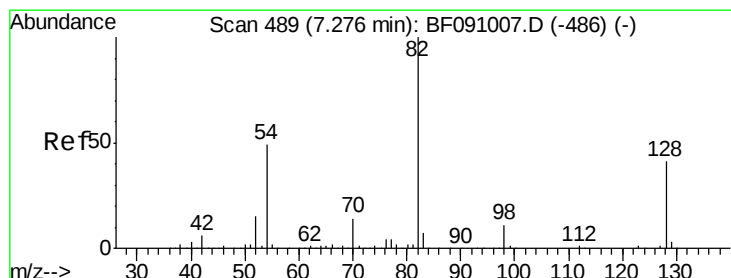
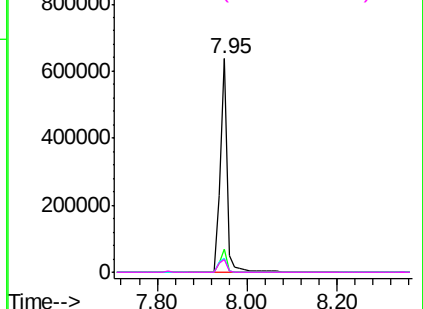
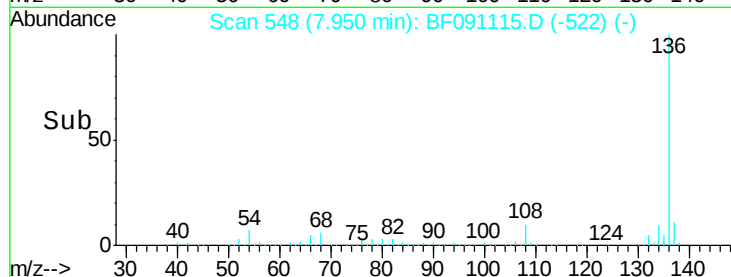
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091115.D
Acq: 9 Nov 2016 7:23

Instrument :
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ClientSampleId :
WATER-QUALITYDRY-2

Tgt Ion:	136	Resp:	677401
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.2	9.2
68	6.1	5.5	8.3

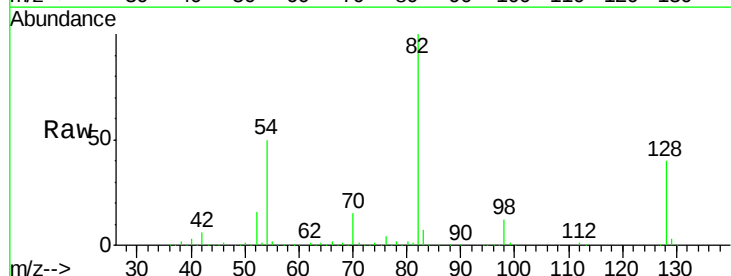


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 81.74 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091115.D
Acq: 9 Nov 2016 7:23

Tgt Ion:	82	Resp:	1015027
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.4	48.6
54	49.6	39.2	58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

