

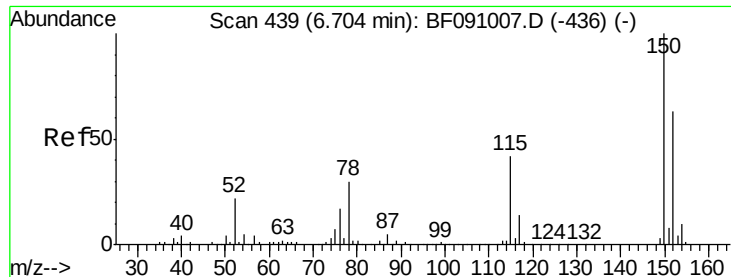
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091085.D
 Acq On : 8 Nov 2016 16:43
 Operator : UM/SJ
 Sample : H5571-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FORMER-POTABLE-WELL

Quant Time: Nov 09 00:42:58 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	174873	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	714082	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	394667	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	601249	20.00	ng	0.00
75) Chrysene-d12	13.80	240	516895	20.00	ng	-0.01
86) Perylene-d12	15.19	264	403410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	654295	61.79	ng	0.01
7) Phenol-d6	6.32	99	550893	38.33	ng	0.00
23) Nitrobenzene-d5	7.23	82	1185407	90.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	443082	124.18	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1959820	85.49	ng	-0.01
78) Terphenyl-d14	12.76	244	2104416	101.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	28339	3.55	ng	Qvalue 88
15) Benzyl Alcohol	6.82	79	21619	2.13	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	167457	16.81	ng	# 79
25) Isophorone	7.23	82	937674	37.17	ng	# 68
32) Benzoic acid	7.76	122	5323	5.68	ng	# 63
50) 2,6-Dinitrotoluene	9.70	165	53536	9.65	ng	# 13
55) 4-Nitrophenol	9.85	139	366	5.81	ng	# 1
56) 2,4-Dinitrotoluene	9.70	165	53719	7.61	ng	# 28
66) 4-Bromophenyl-phenylether	10.49	248	29184	4.67	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.80	149	44057	2.01	ng	# 99

(#) = 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: BF091085.D

Acq: 8 Nov 2016 16:43

Instrument :

BNA_F

ClientSampleId :

FORMER-POTABLE-WELL

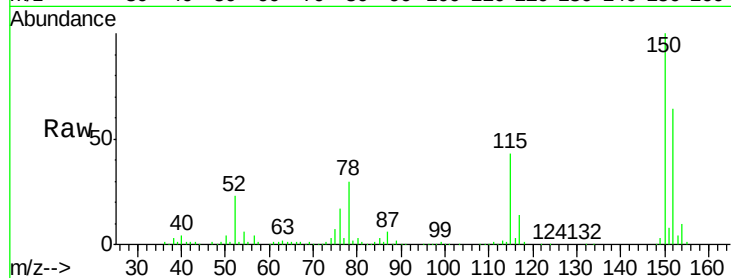
Tgt Ion:152 Resp: 174873

Ion Ratio Lower Upper

152 100

150 157.4 126.8 190.2

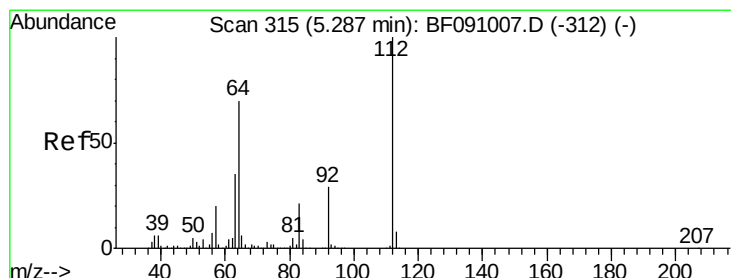
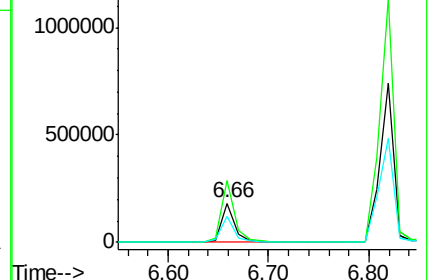
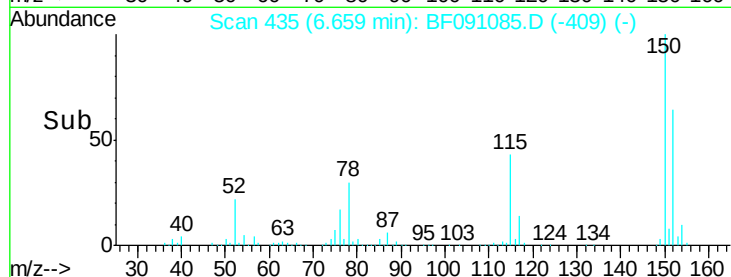
115 67.0 53.3 79.9



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: 61.79 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

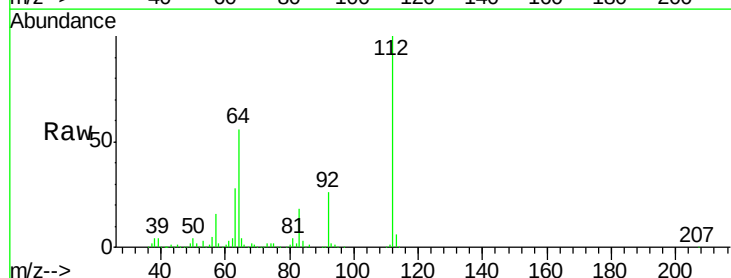
Tgt Ion:112 Resp: 654295

Ion Ratio Lower Upper

112 100

64 55.9 55.8 83.6

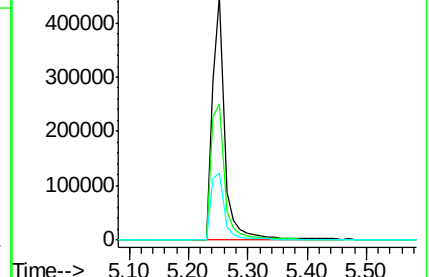
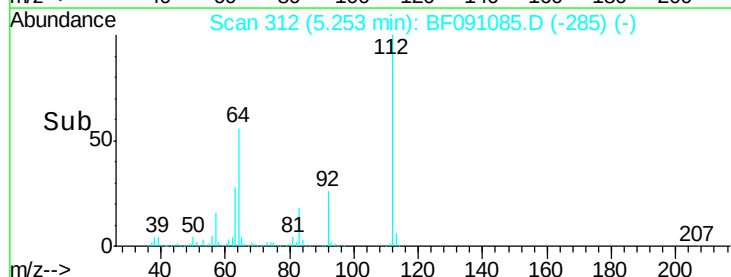
63 27.6 28.0 42.0#

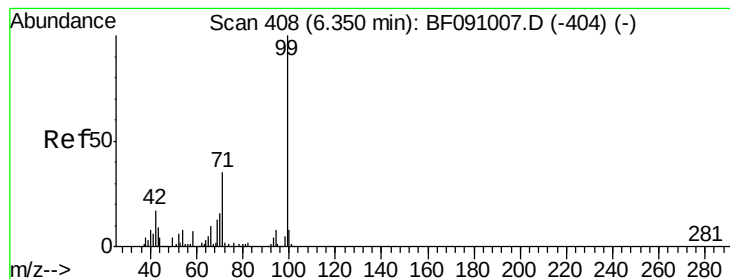


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.33 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

Instrument :

BNA_F

ClientSampleId :

FORMER-POTABLE-WELL

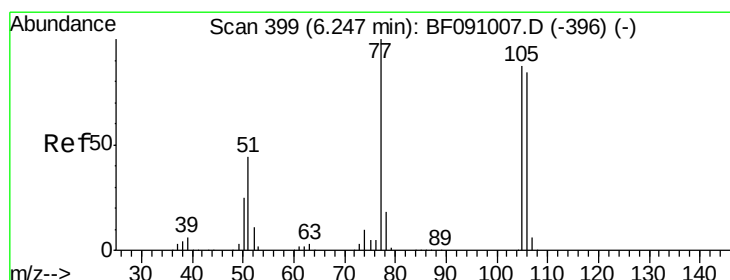
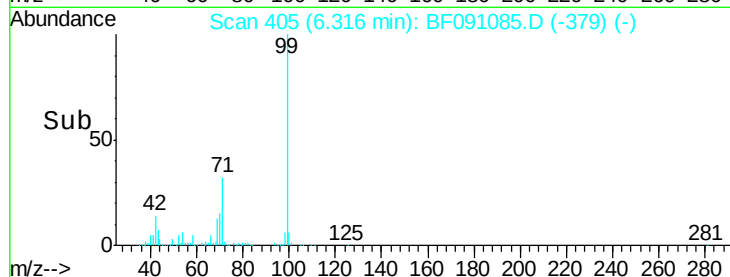
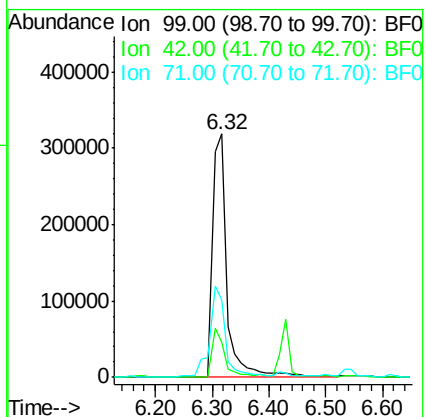
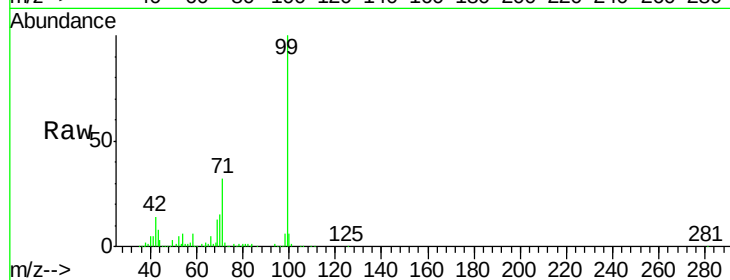
Tgt Ion: 99 Resp: 550893

Ion Ratio Lower Upper

99 100

42 14.3 13.9 20.9

71 31.6 27.8 41.8



#9

Benzaldehyde

Concen: 3.55 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

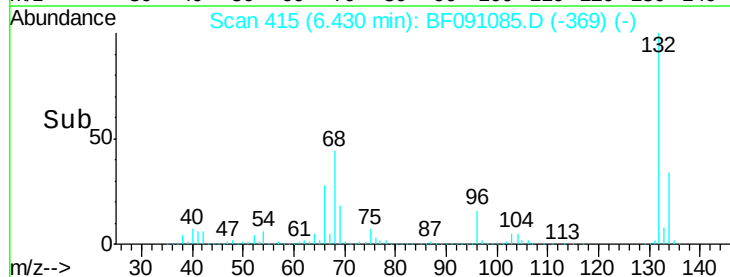
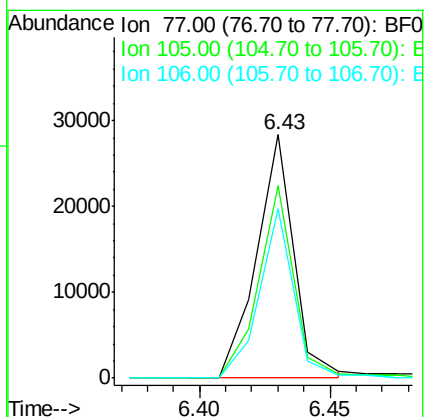
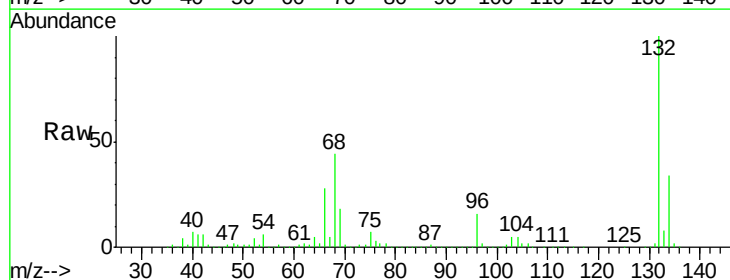
Tgt Ion: 77 Resp: 28339

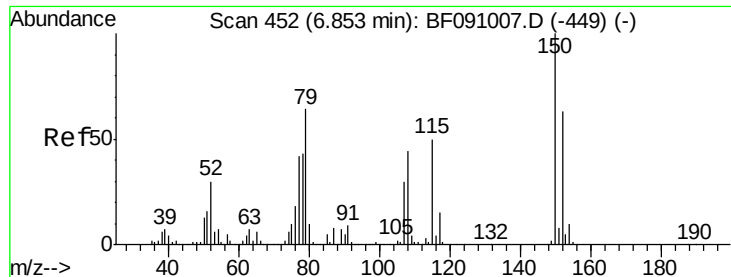
Ion Ratio Lower Upper

77 100

105 79.0 66.8 106.8

106 69.5 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

Instrument :

BNA_F

ClientSampleId :

FORMER-POTABLE-WELL

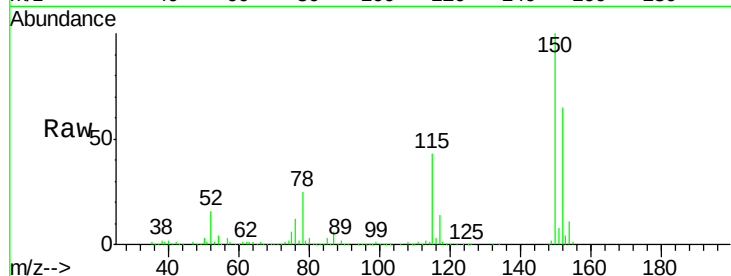
Tgt Ion: 79 Resp: 21619

Ion Ratio Lower Upper

79 100

108 31.2 55.7 83.5#

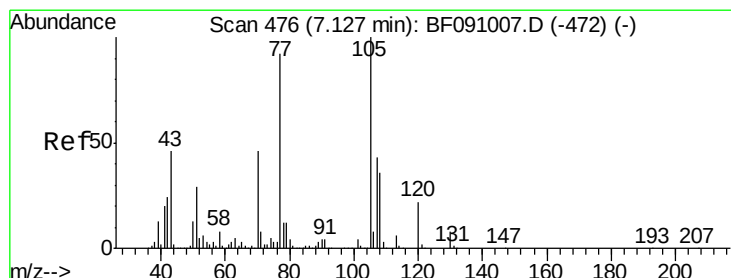
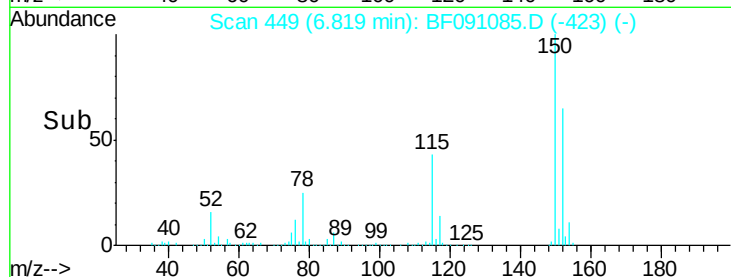
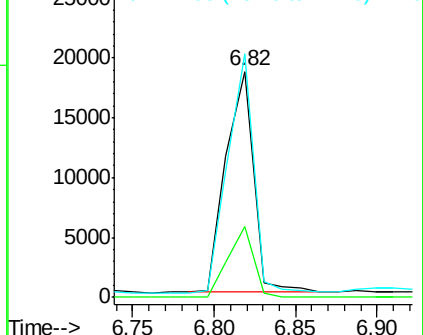
77 107.7 52.6 79.0#



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: 16.81 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

Tgt Ion: 70 Resp: 167457

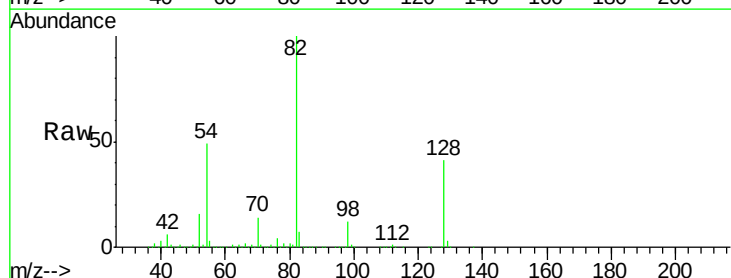
Ion Ratio Lower Upper

70 100

42 40.6 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#

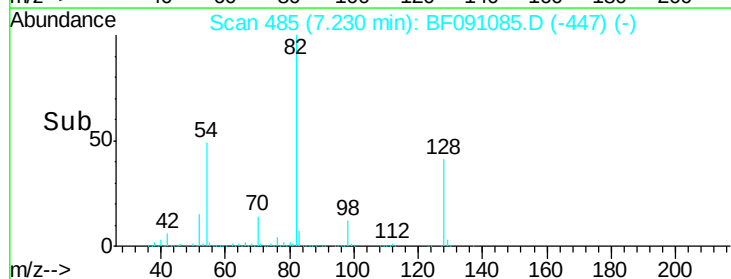
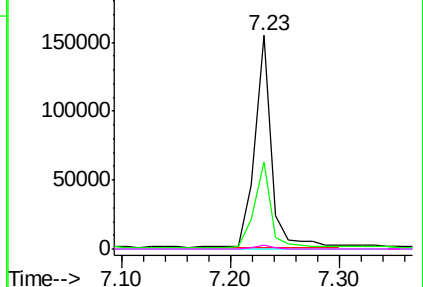


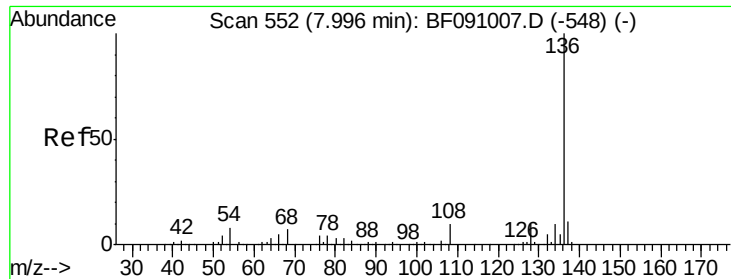
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

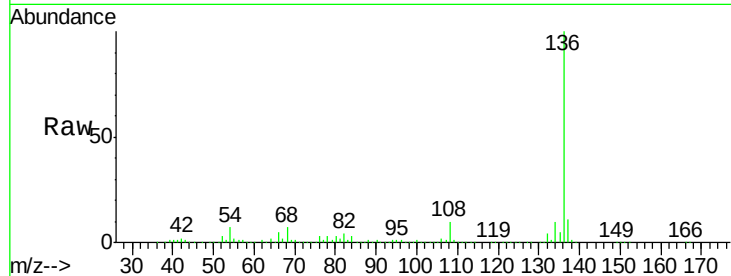




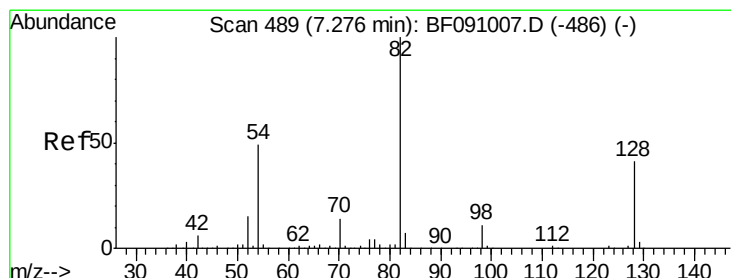
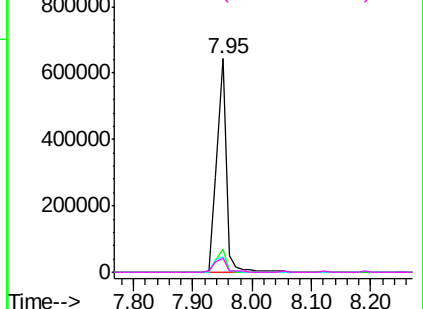
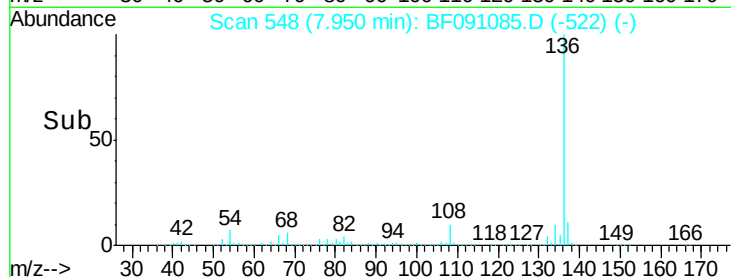
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091085.D
Acq: 8 Nov 2016 16:43

Instrument :
BNA_F
ClientSampleId :
FORMER-POTABLE-WELL

Tgt Ion:	136	Resp:	714082
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.2	9.2
68	6.6	5.5	8.3

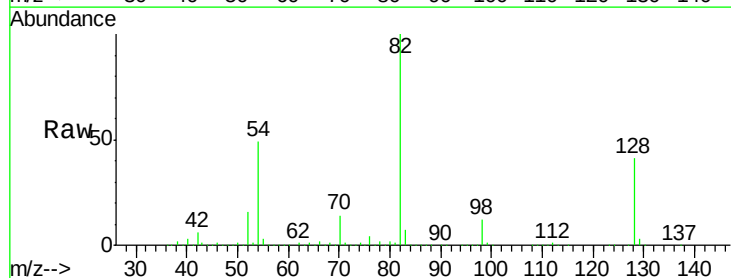


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

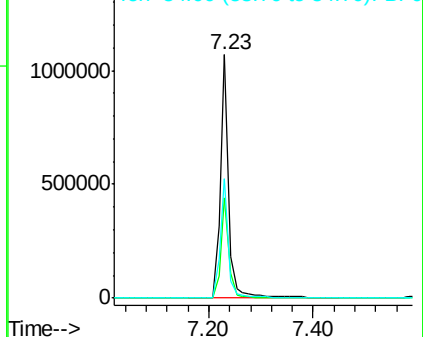
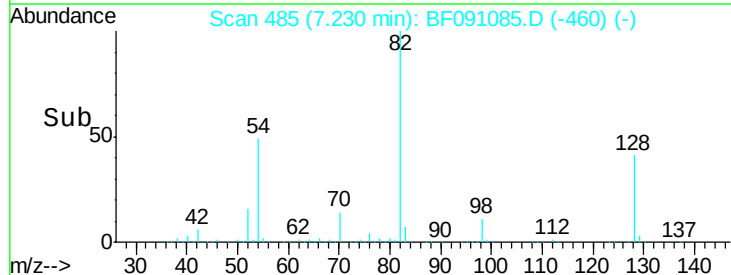


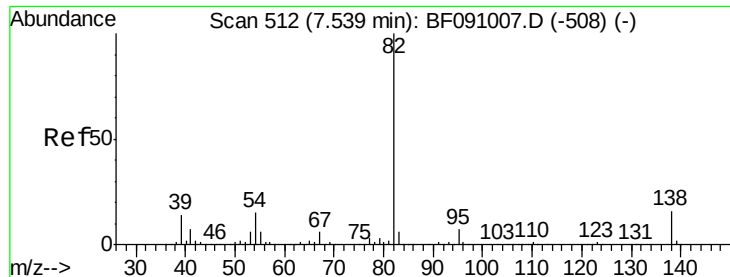
#23
Nitrobenzene-d5
Concen: 90.56 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091085.D
Acq: 8 Nov 2016 16:43

Tgt Ion:	82	Resp:	1185407
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	48.9	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





#25

Isophorone

Concen: 37.17 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

Instrument :

BNA_F

ClientSampleId :

FORMER-POTABLE-WELL

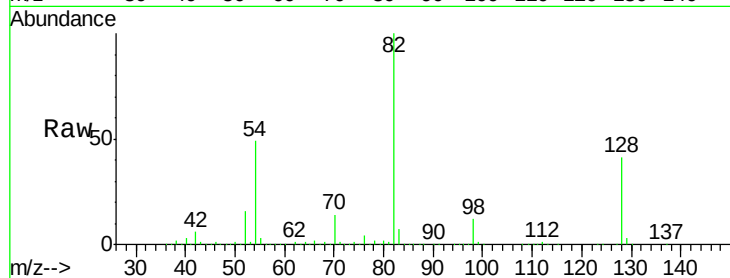
Tgt Ion: 82 Resp: 937674

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.0#

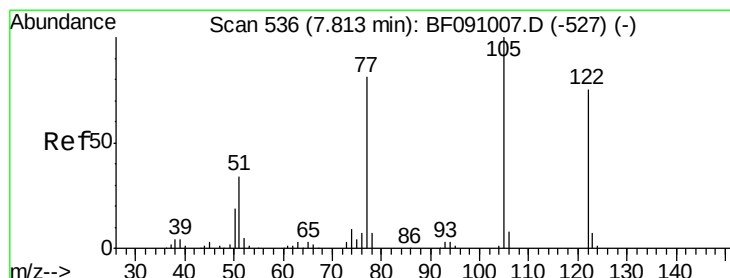
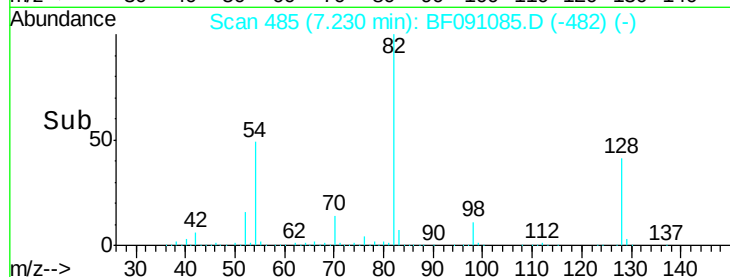
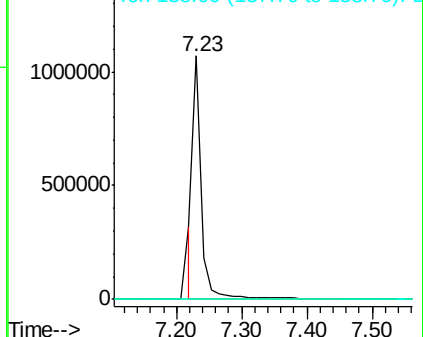
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.68 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

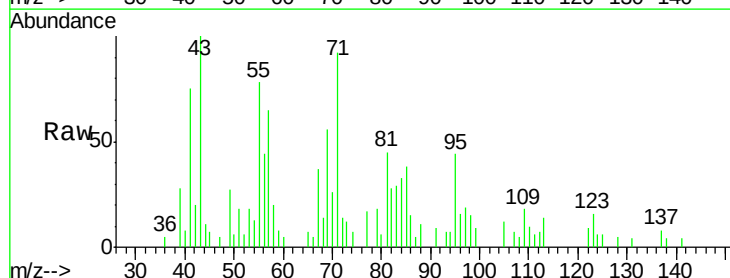
Tgt Ion: 122 Resp: 5323

Ion Ratio Lower Upper

122 100

105 132.6 105.9 145.9

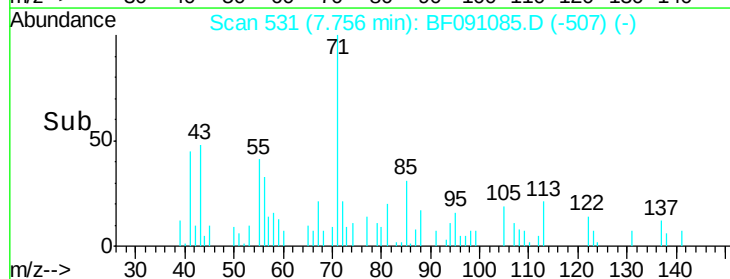
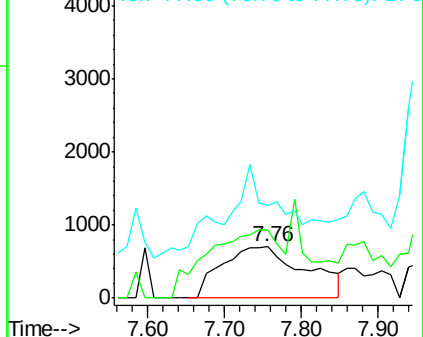
77 181.1 84.0 124.0#

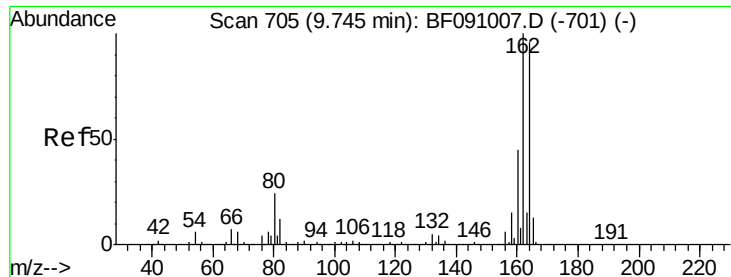


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

Instrument :

BNA_F

ClientSampleId :

FORMER-POTABLE-WELL

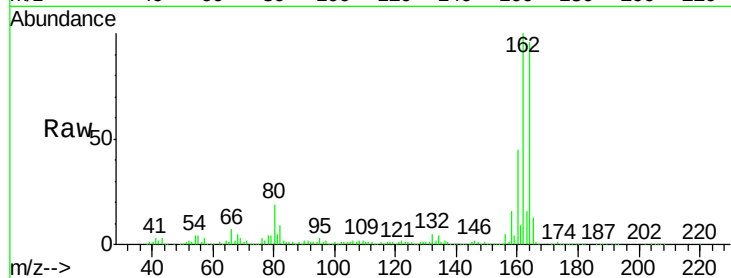
Tgt Ion:164 Resp: 394667

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

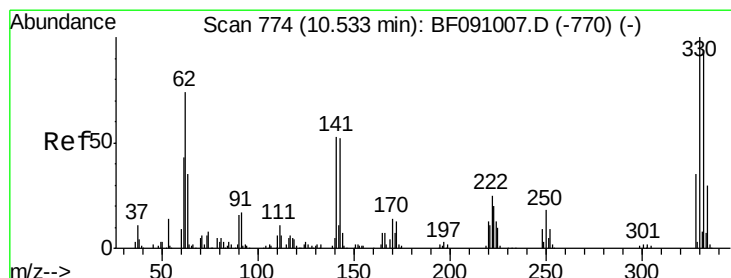
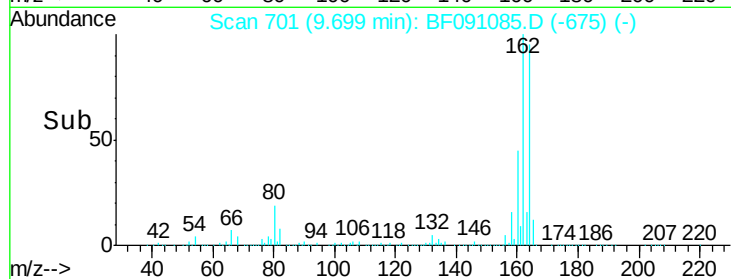
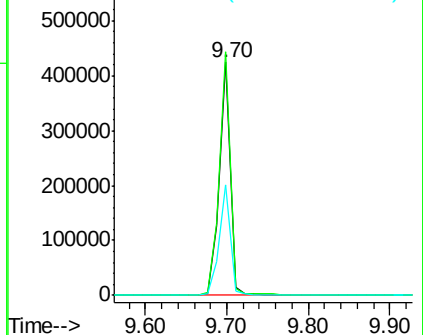
160 47.4 37.9 56.9



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: 124.18 ng

RT: 10.49 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091085.D

Acq: 8 Nov 2016 16:43

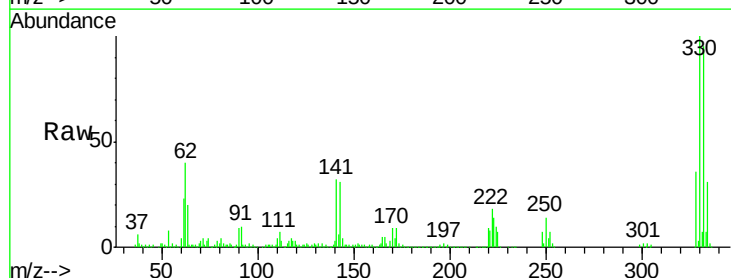
Tgt Ion:330 Resp: 443082

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

141 33.4 36.1 54.1#



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

