

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092123.D
 Acq On : 6 Jan 2017 18:07
 Operator : UM/SJ
 Sample : I1027-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jan 06 22:12:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	201909	20.00	ng	0.07
21) Naphthalene-d8	7.94	136	823170	20.00	ng	0.01
38) Acenaphthene-d10	9.68	164	179055	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	240668	20.00	ng	0.00
75) Chrysene-d12	13.81	240	317087	20.00	ng	0.02
86) Perylene-d12	15.17	264	340744	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	52807	3.58	ng	0.14
23) Nitrobenzene-d5	7.26	82	956787	64.63	ng	0.05
41) 2,4,6-Tribromophenol	10.47	330	9442	6.37	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1001290	119.87	ng	0.00
78) Terphenyl-d14	12.77	244	923920	70.67	ng	0.02

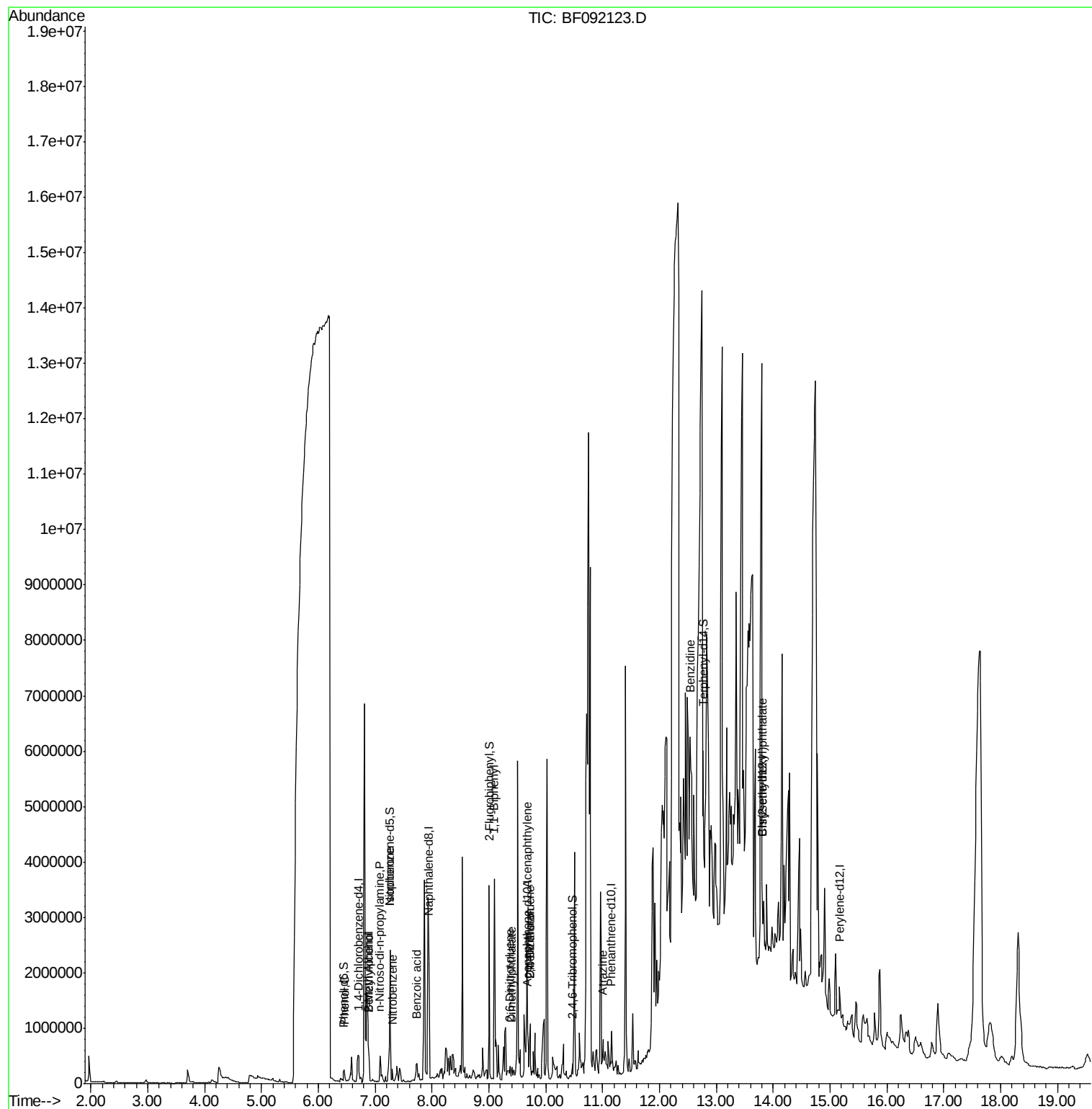
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.24	77	769	Below Cal	#	38
10) Phenol	6.46	94	54158	3.22	ng	72
15) Benzyl Alcohol	6.89	79	135836	11.84	ng	87
17) 2-Methylphenol	6.89	107	66421	6.00	ng	38
19) n-Nitroso-di-n-propylamine	7.09	70	48789	4.97	ng	57
24) Nitrobenzene	7.30	77	35109	2.23	ng	43
25) Isophorone	7.26	82	956737	35.03	ng	65
32) Benzoic acid	7.73	122	19520	2.04	ng	93
37) 2-Methylnaphthalene	8.64	142	1510	Below Cal	#	88
45) 1,1'-Biphenyl	9.10	154	28836	2.35	ng	92
48) Acenaphthylene	9.67	152	152566	10.22	ng	44
49) Dimethylphthalate	9.41	163	48874	4.27	ng	99
50) 2,6-Dinitrotoluene	9.37	165	7661	3.06	ng	69
54) Dibenzofuran	9.73	168	285564	20.89	ng	56
56) 2,4-Dinitrotoluene	9.73	165	85476	27.17	ng	33
68) Atrazine	11.01	200	46842	20.33	ng	36
71) Anthracene	11.24	178	778	Below Cal	#	59
73) Di-n-butylphthalate	11.73	149	5347	Below Cal	#	91
74) Fluoranthene	12.38	202	5526	Below Cal	#	1
76) Benzidine	12.54	184	80178	6.59	ng	60
83) Bis(2-ethylhexyl)phthalate	13.81	149	60600	4.86	ng	95

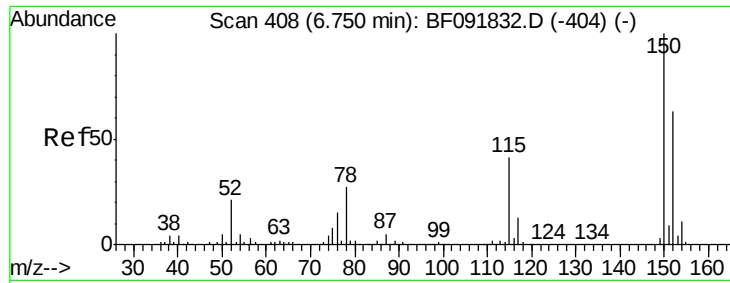
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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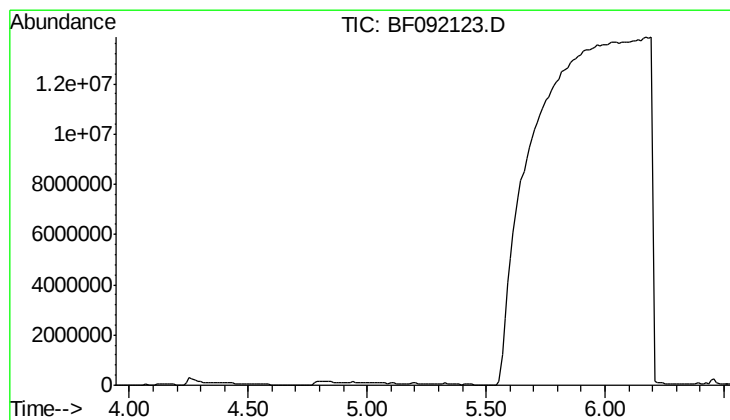
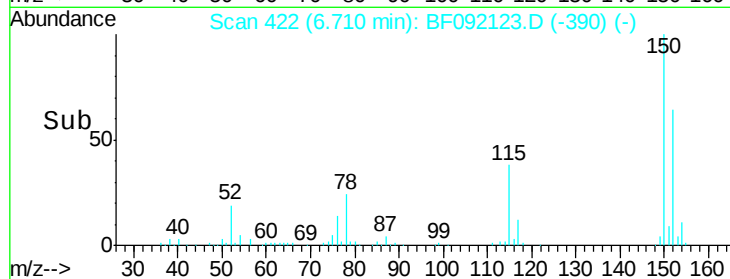
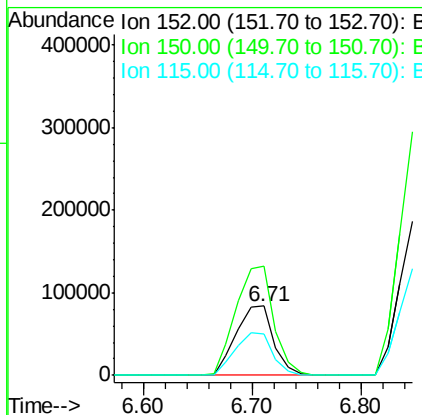
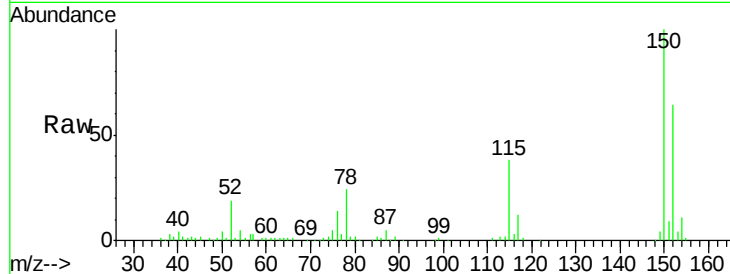


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. 0.07 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 152 Resp: 201909
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 59.6 46.0 69.0

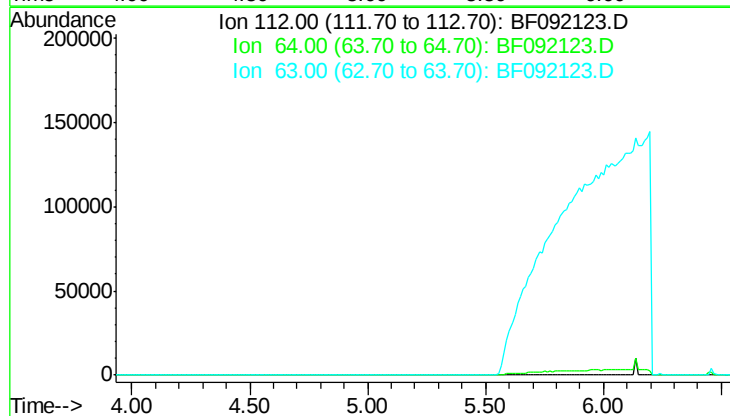


#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.24 min

Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.6
63 29.7





#7

Phenol-d6

Concen: 3.58 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.14 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

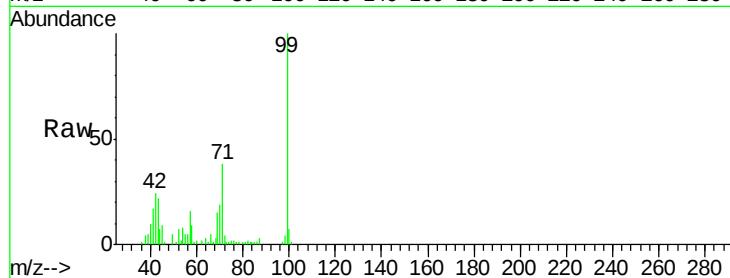
Tgt Ion: 99 Resp: 52807

Ion Ratio Lower Upper

99 100

42 24.0 15.6 23.4#

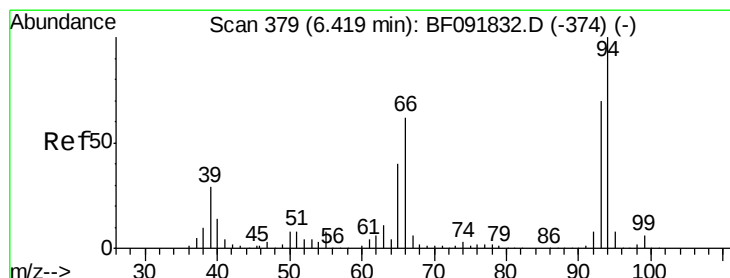
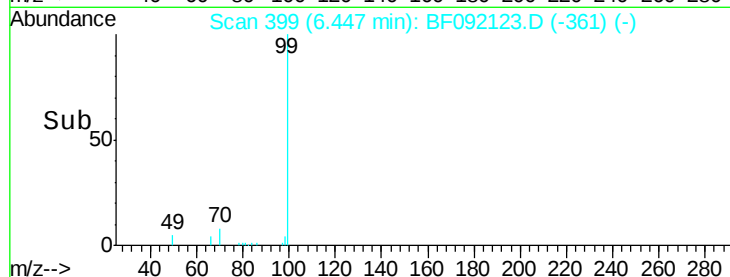
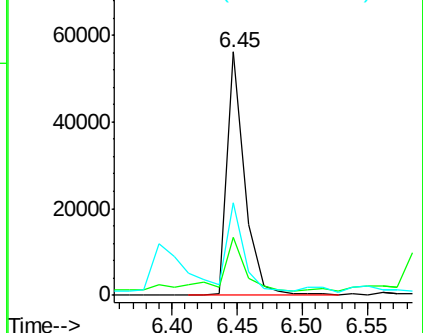
71 38.2 27.5 41.3



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



#10

Phenol

Concen: 3.22 ng

RT: 6.46 min Scan# 400

Delta R.T. 0.14 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

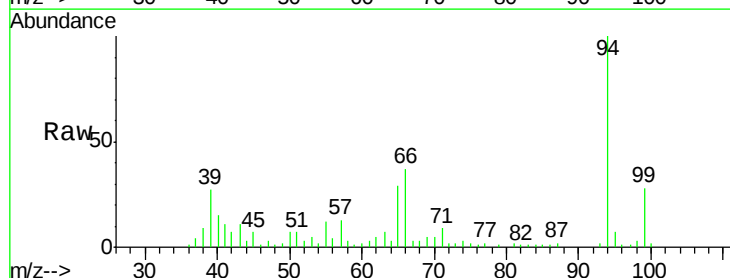
Tgt Ion: 94 Resp: 54158

Ion Ratio Lower Upper

94 100

65 29.3 21.4 61.4

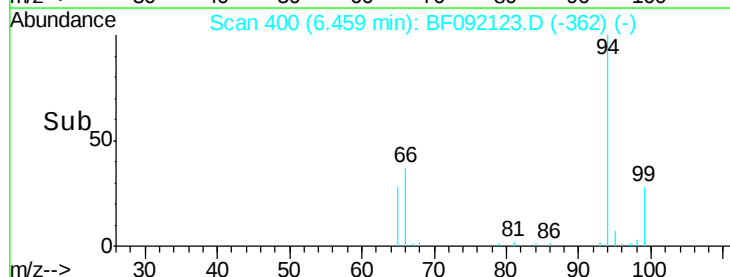
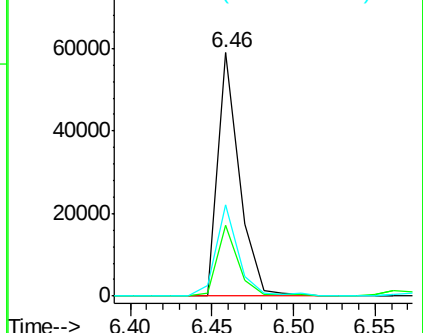
66 37.3 44.0 84.0#

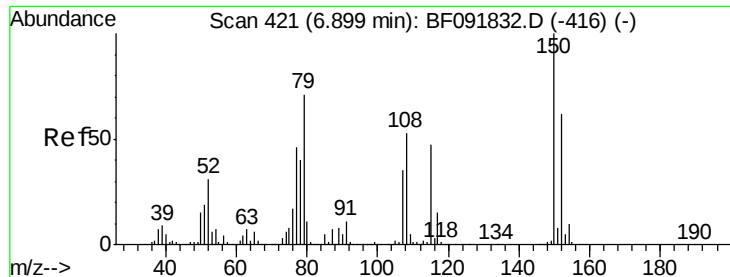


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 11.84 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.09 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

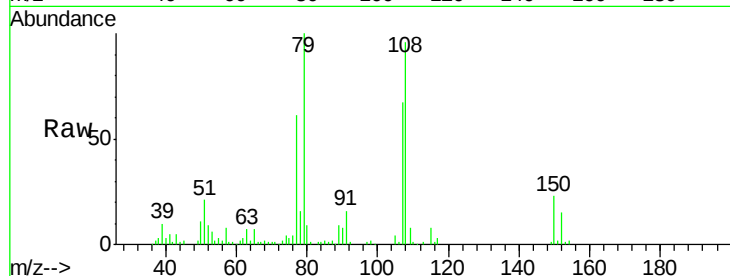
Tgt Ion: 79 Resp: 135836

Ion Ratio Lower Upper

79 100

108 95.7 61.4 92.0#

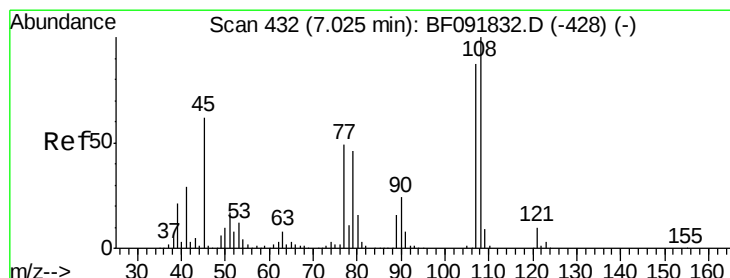
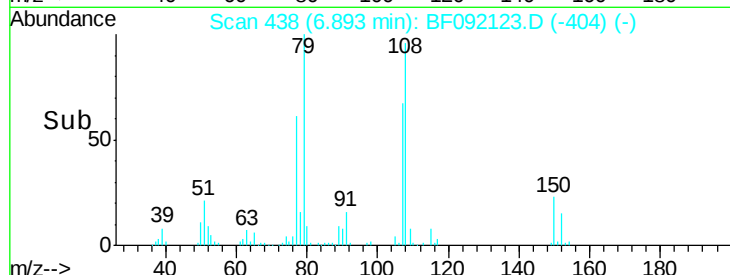
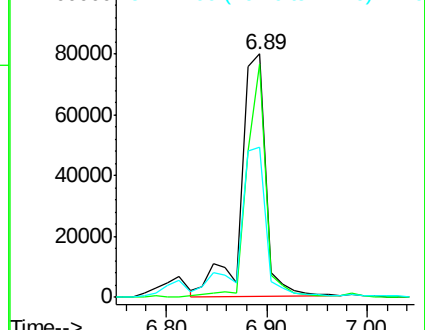
77 61.4 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#17

2-Methylphenol

Concen: 6.00 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Tgt Ion: 107 Resp: 66421

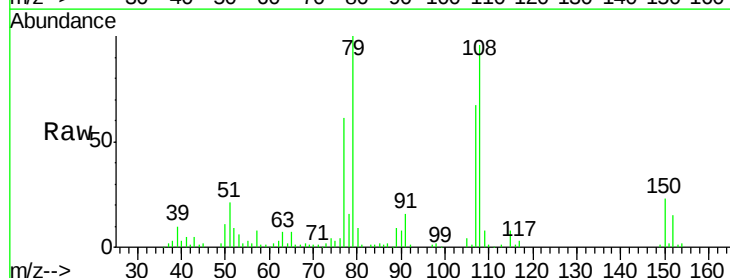
Ion Ratio Lower Upper

107 100

108 143.4 93.0 139.6#

77 92.1 39.8 59.8#

79 149.9 38.0 57.0#

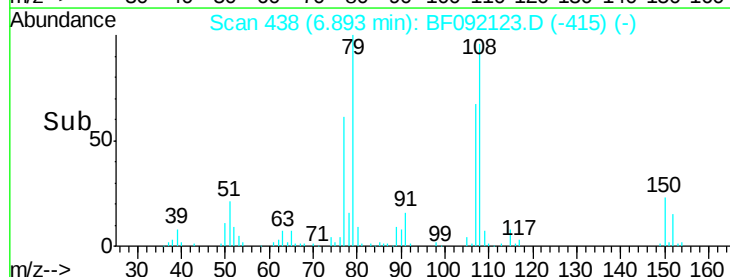
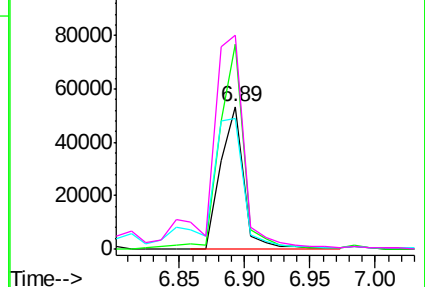


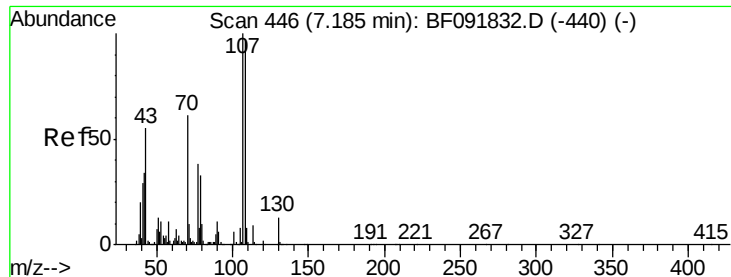
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

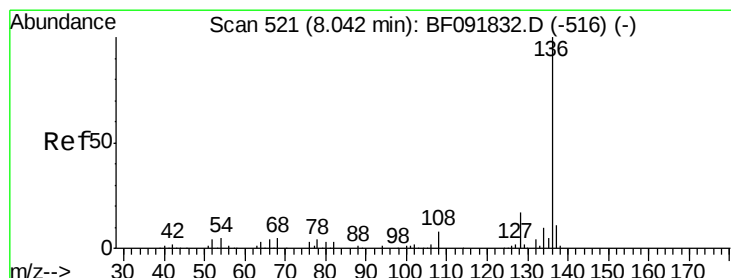
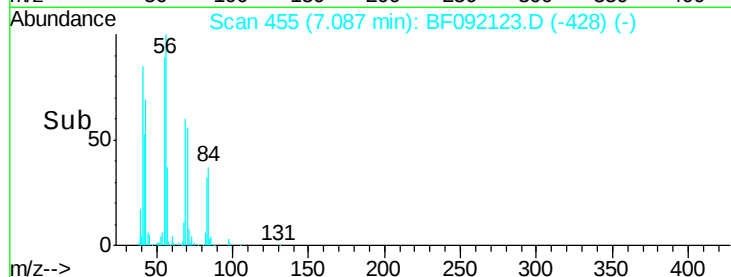
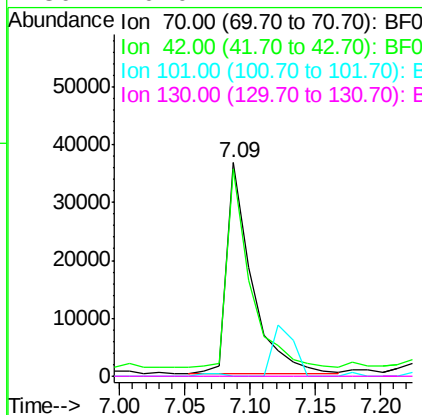
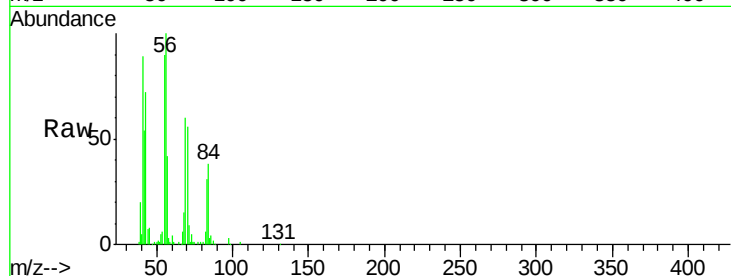




#19
n-Nitroso-di-n-propylamine
Concen: 4.97 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 70 Resp: 48789
Ion Ratio Lower Upper
70 100
42 97.1 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Tgt Ion: 136 Resp: 823170
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.9 4.5 6.7#
68 6.5 3.6 5.4#

