

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091432.D
 Acq On : 5 Dec 2016 21:50
 Operator : UM/SJ
 Sample : H5838-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 06 00:09:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

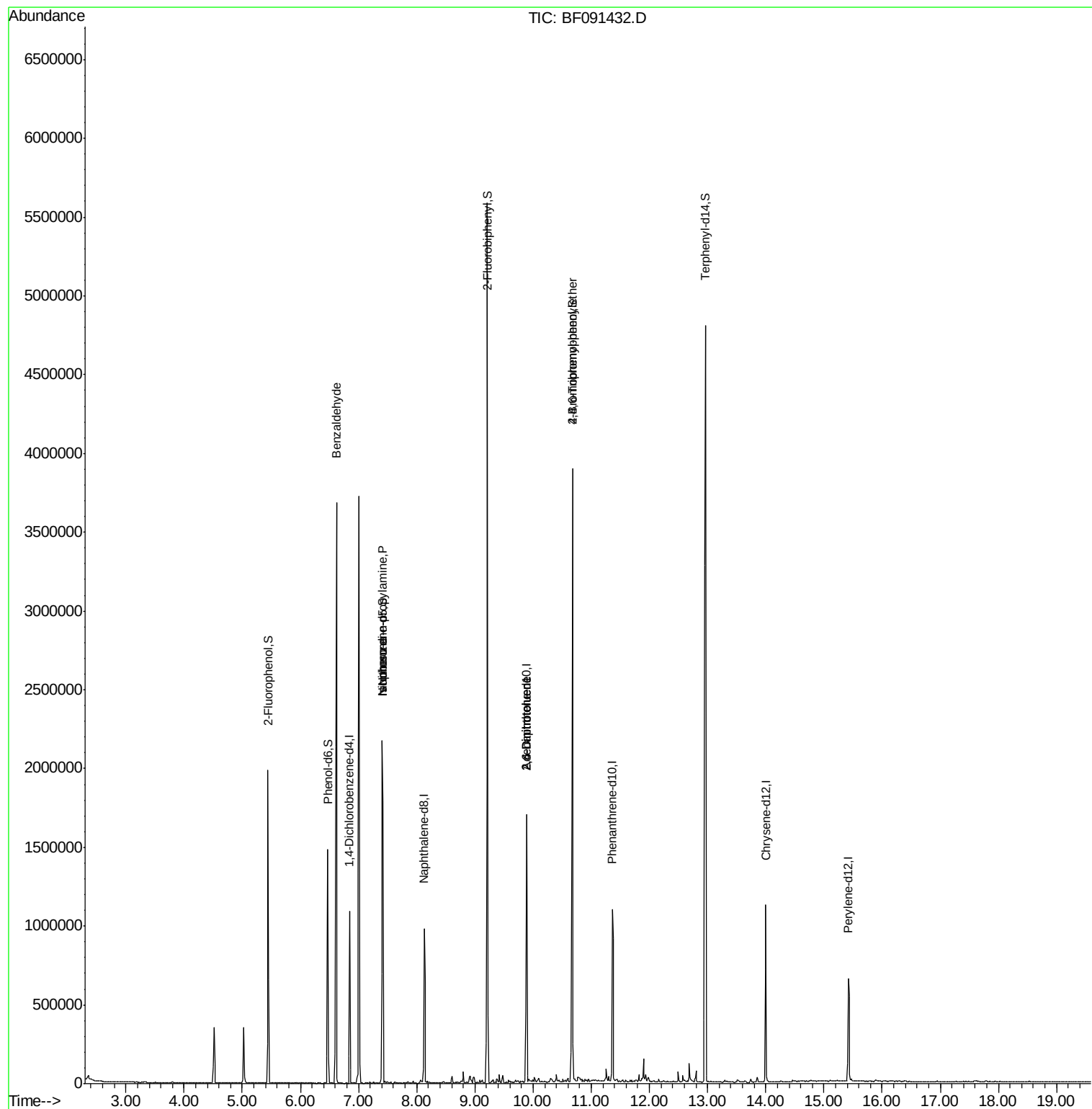
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148387	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	568689	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	374463	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	588184	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	507226	20.00	ng	-0.04
86) Perylene-d12	15.42	264	375287	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	510151	56.16	ng	-0.03
7) Phenol-d6	6.47	99	395156	35.34	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1033800	101.87	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	488493	137.79	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1854970	89.69	ng	-0.03
78) Terphenyl-d14	12.96	244	2031948	87.07	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	27362	3.81	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.41	70	139330	19.78	ng	# 74
25) Isophorone	7.41	82	878137	48.84	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	50749	10.01	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	50749	7.72	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	33758	5.34	ng	# 1

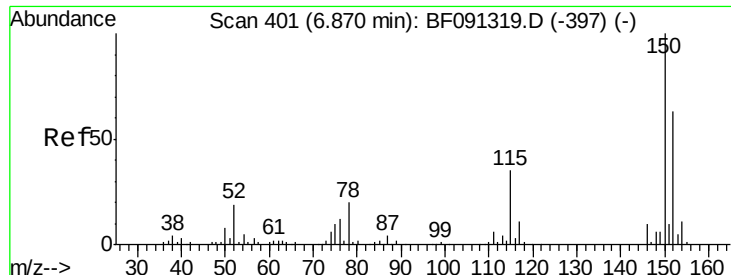
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.03 min

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ClientSampleId :

MW-17

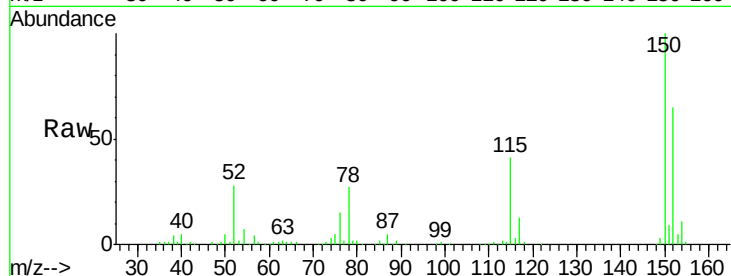
Tgt Ion:152 Resp: 148387

Ion Ratio Lower Upper

152 100

150 153.3 122.5 183.7

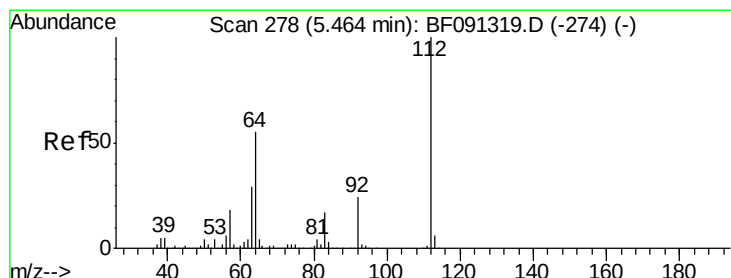
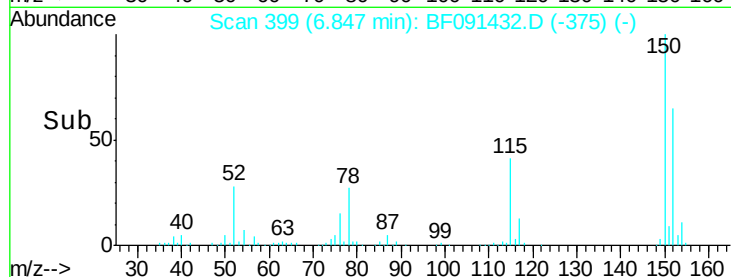
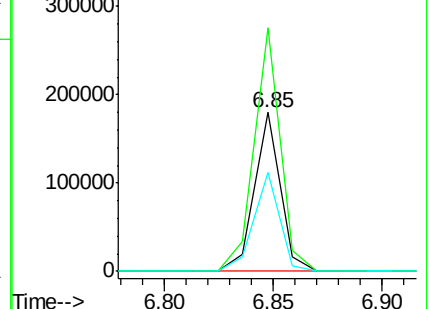
115 62.2 51.8 77.8



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: 56.16 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091432.D

Acq: 5 Dec 2016 21:50

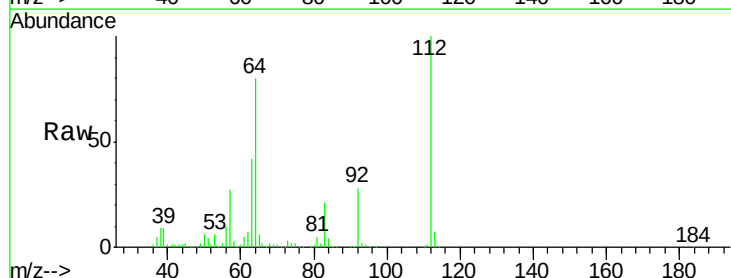
Tgt Ion:112 Resp: 510151

Ion Ratio Lower Upper

112 100

64 79.6 61.5 92.3

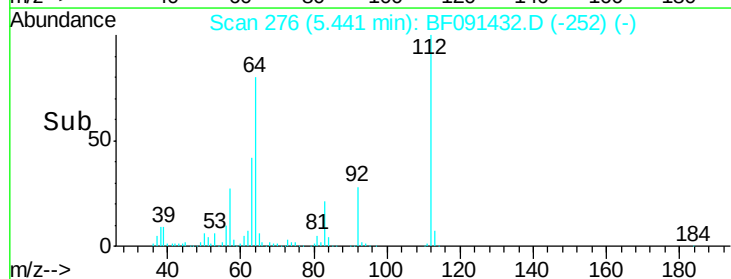
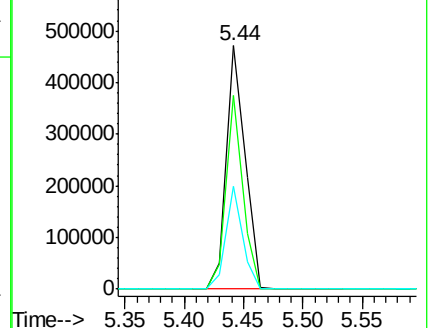
63 42.2 33.3 49.9

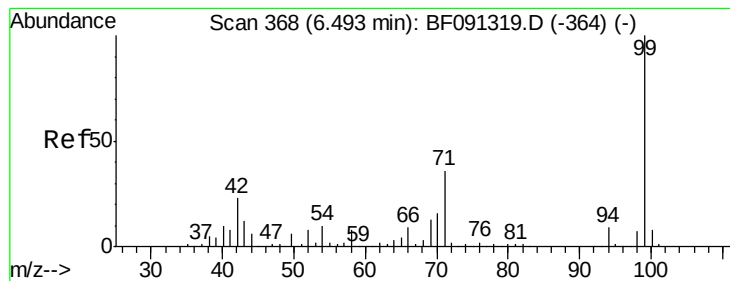


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.34 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091432.D

Acq: 5 Dec 2016 21:50

Instrument :

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ClientSampleId :

MW-17

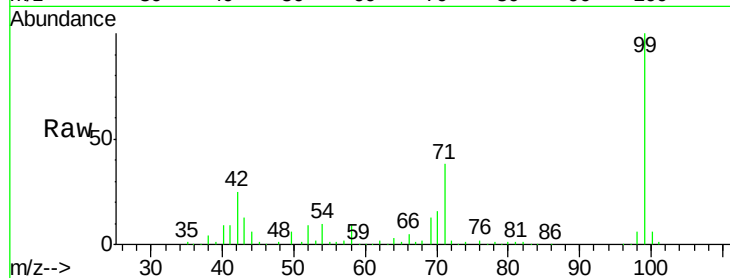
Tgt Ion: 99 Resp: 395156

Ion Ratio Lower Upper

99 100

42 24.8 20.6 31.0

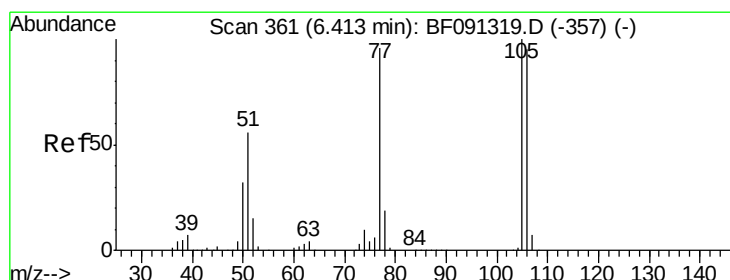
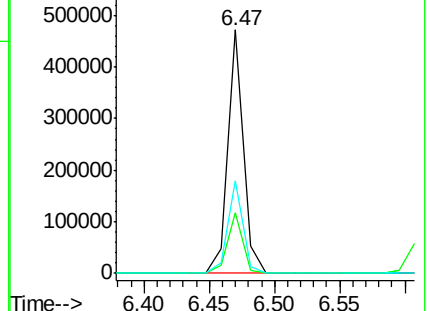
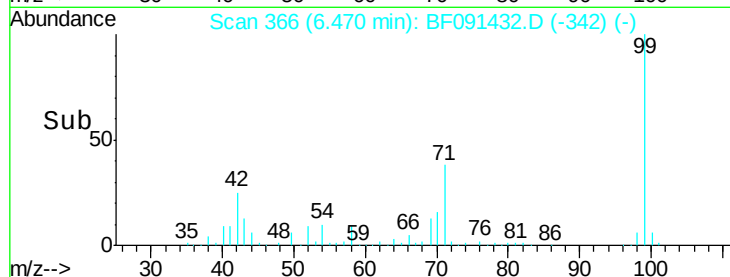
71 38.0 29.9 44.9



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: 3.81 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091432.D

Acq: 5 Dec 2016 21:50

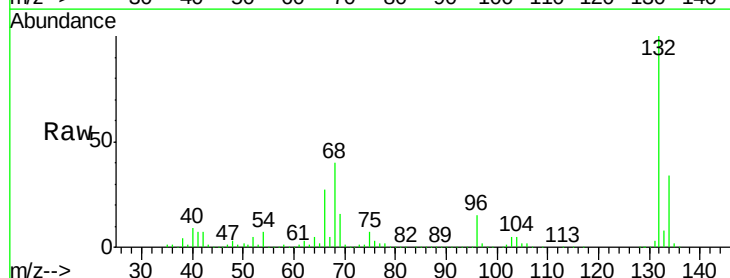
Tgt Ion: 77 Resp: 27362

Ion Ratio Lower Upper

77 100

105 84.0 66.4 106.4

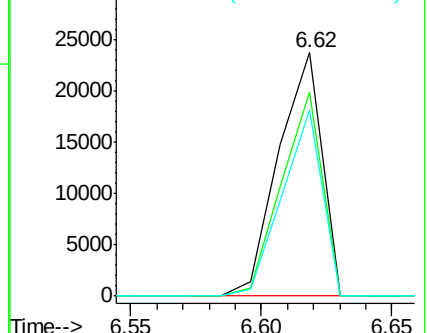
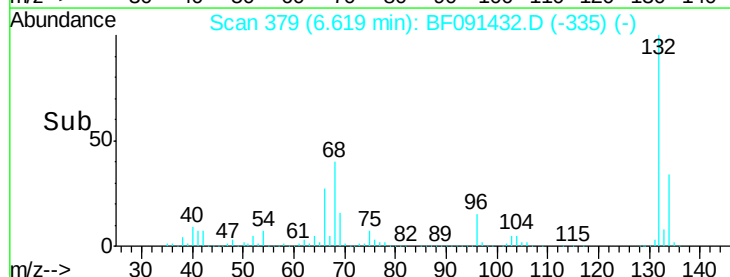
106 76.2 60.9 100.9

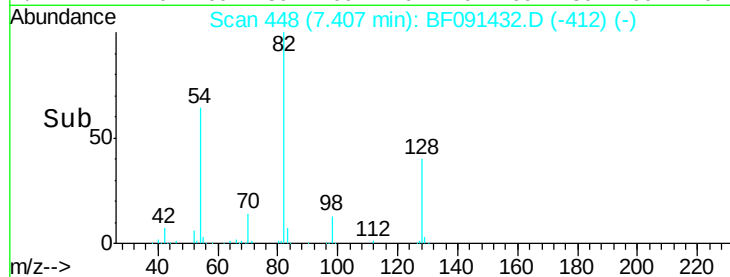
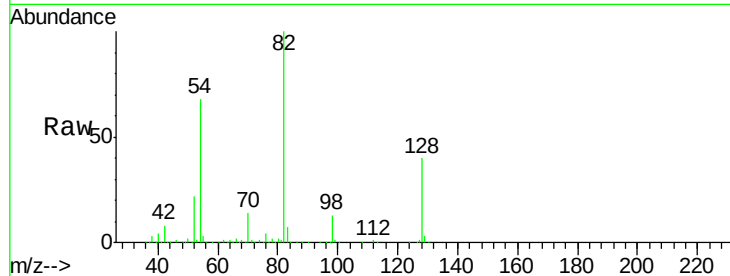
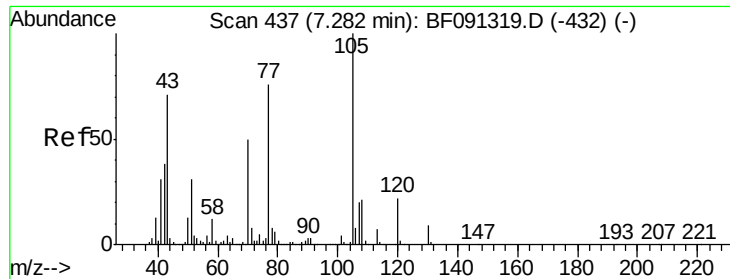


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

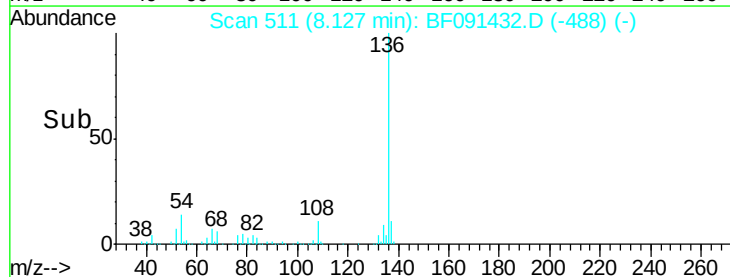
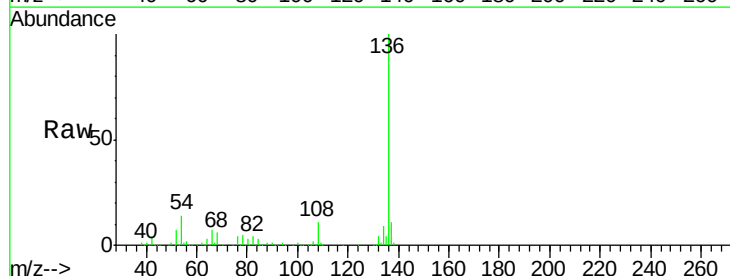
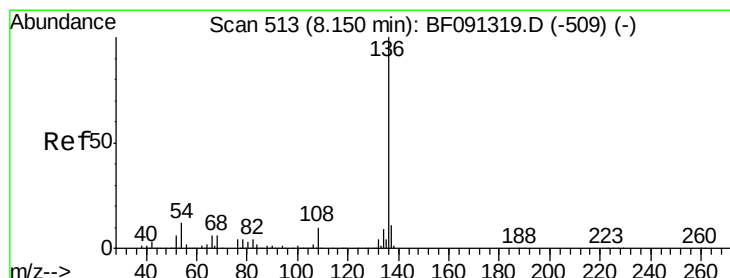
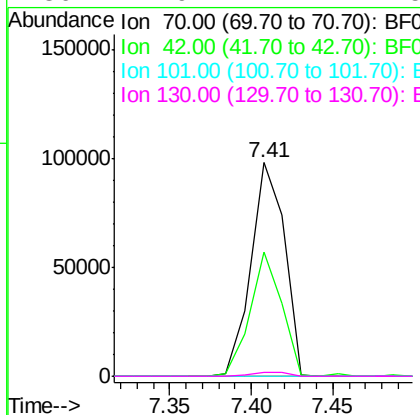




#19
n-Nitroso-di-n-propylamine
Concen: 19.78 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091432.D
Acq: 5 Dec 2016 21:50

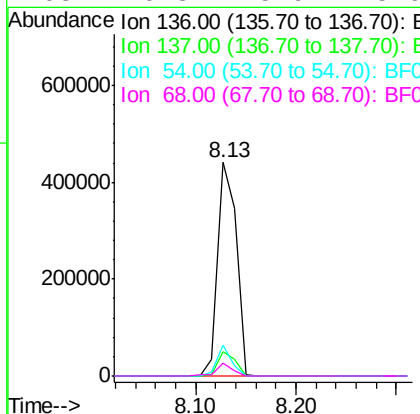
Instrument :
BNA_F
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MW-17

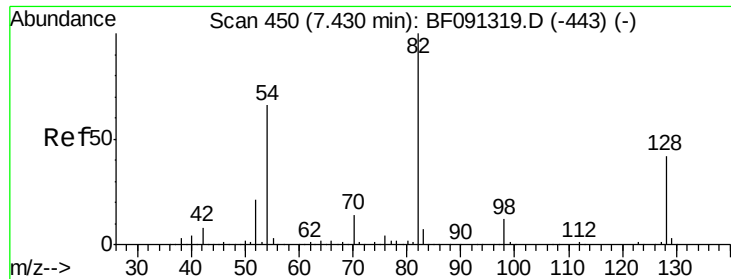
Tgt Ion: 70 Resp: 139330
Ion Ratio Lower Upper
70 100
42 58.4 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091432.D
Acq: 5 Dec 2016 21:50

Tgt Ion: 136 Resp: 568689
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 14.2 9.1 13.7#
68 6.3 5.9 8.9

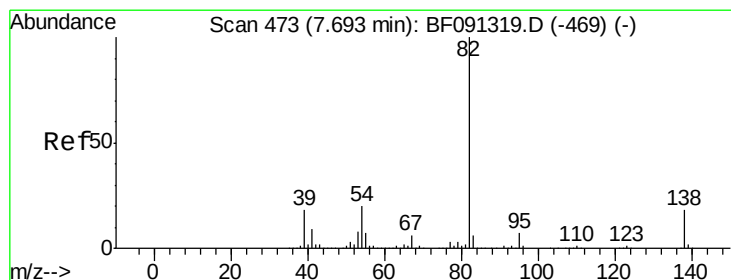
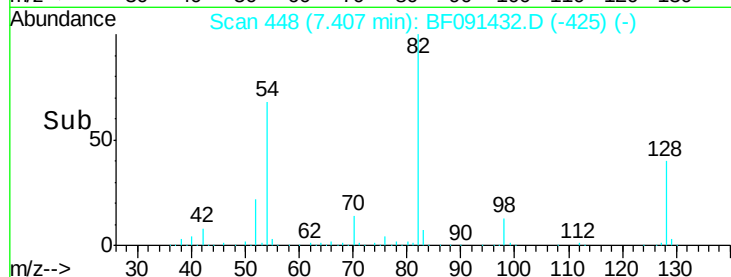
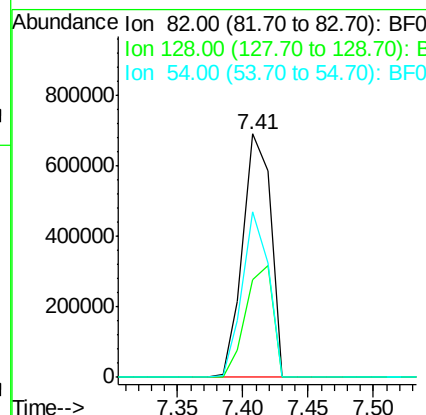
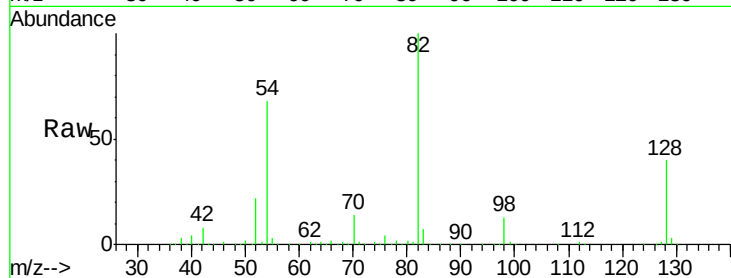




#23
 Nitrobenzene-d5
 Concen: 101.87 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.04 min
 Lab File: BF091432.D
 Acq: 5 Dec 2016 21:50

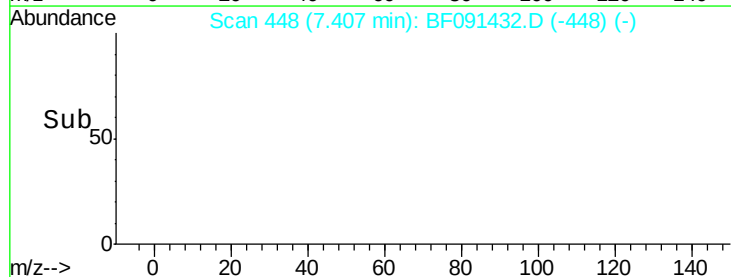
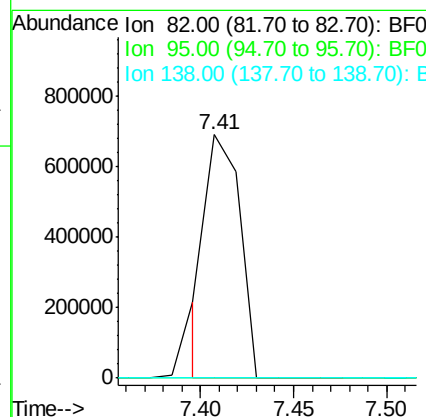
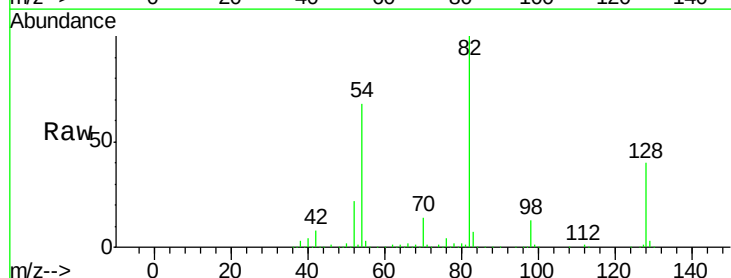
Instrument :
 BNA_F
 ClientSampled :
 MW-17

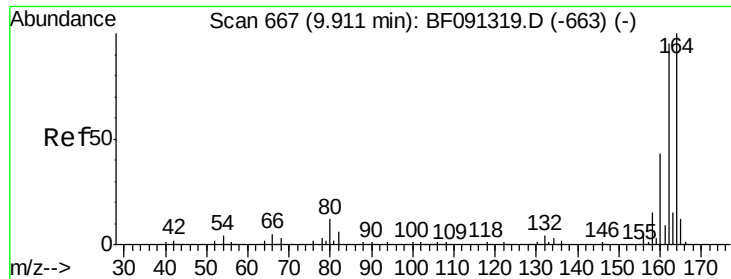
Tgt Ion: 82 Resp: 1033800
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 68.0 49.1 73.7



#25
 Isophorone
 Concen: 48.84 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.30 min
 Lab File: BF091432.D
 Acq: 5 Dec 2016 21:50

Tgt Ion: 82 Resp: 878137
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#

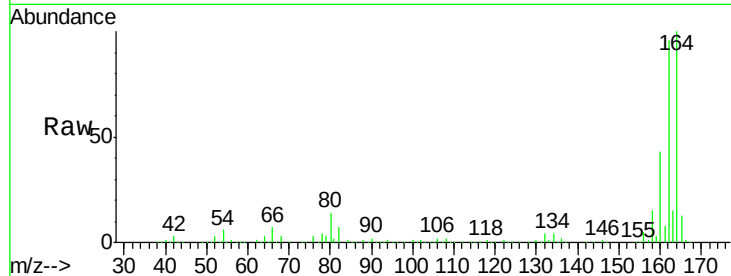




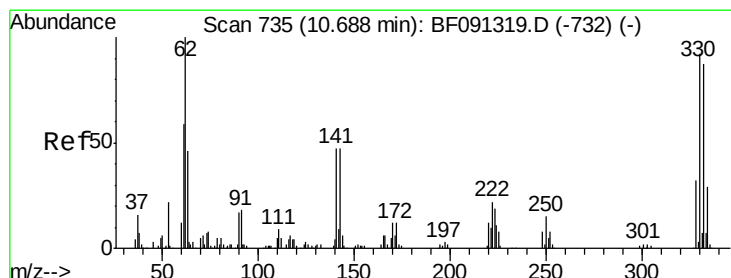
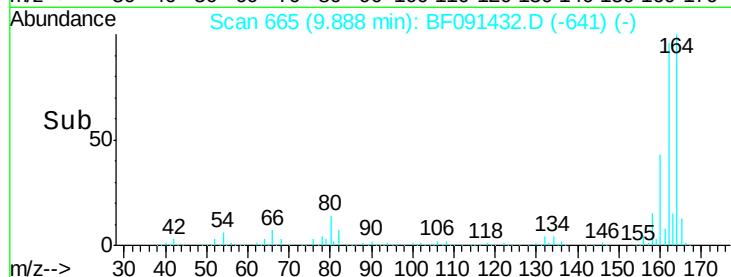
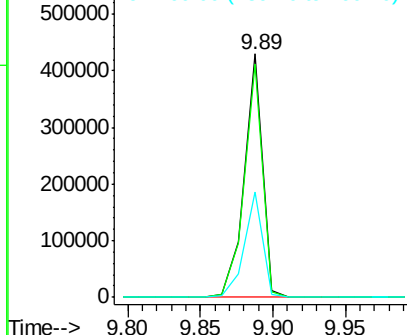
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: BF091432.D
 Acq: 5 Dec 2016 21:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:164 Resp: 374463
 Ion Ratio Lower Upper
 164 100
 162 95.6 82.6 124.0
 160 43.5 36.7 55.1

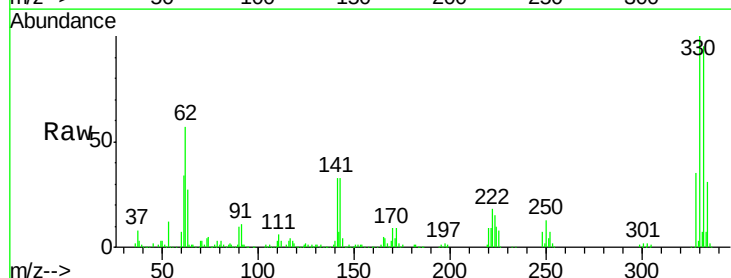


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 137.79 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091432.D
 Acq: 5 Dec 2016 21:50

Tgt Ion:330 Resp: 488493
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 35.6 33.6 50.4



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

