

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091339.D
 Acq On : 29 Nov 2016 20:56
 Operator : UM/SJ
 Sample : PB94947BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BL

Quant Time: Nov 30 00:42:19 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

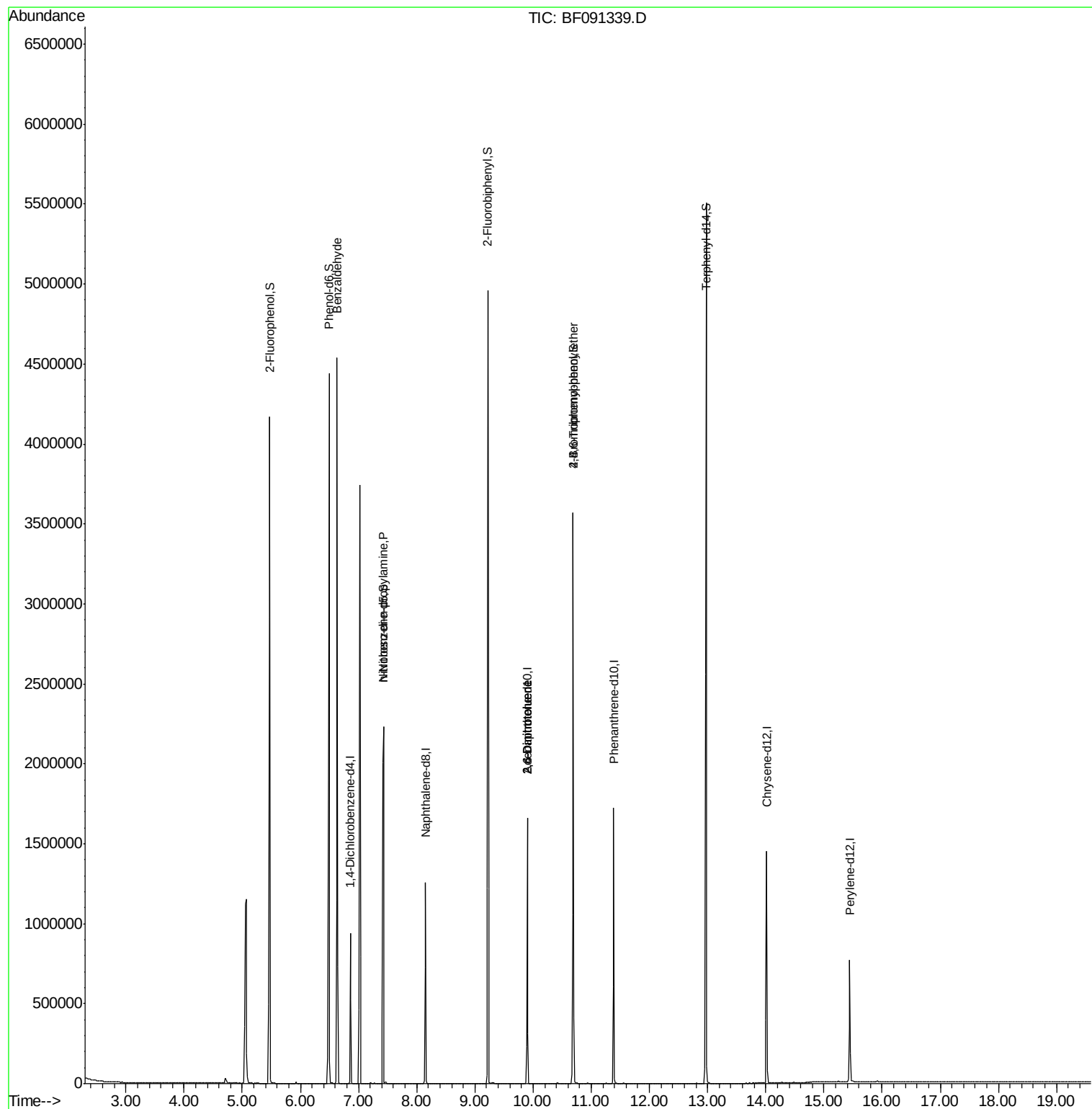
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	161224	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	676460	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	368236	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	677096	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	516506	20.00	ng	-0.03
86) Perylene-d12	15.44	264	363245	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1333736	135.14	ng	0.00
7) Phenol-d6	6.49	99	1445560	118.99	ng	0.00
23) Nitrobenzene-d5	7.43	82	1011575	83.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	417291	119.70	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1733946	85.26	ng	-0.02
78) Terphenyl-d14	12.97	244	1920826	80.83	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	29295	3.75	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.43	70	136804	17.87	ng	# 67
50) 2,6-Dinitrotoluene	9.90	165	46494	9.33	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	46496	7.19	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	26986	3.71	ng	# 1

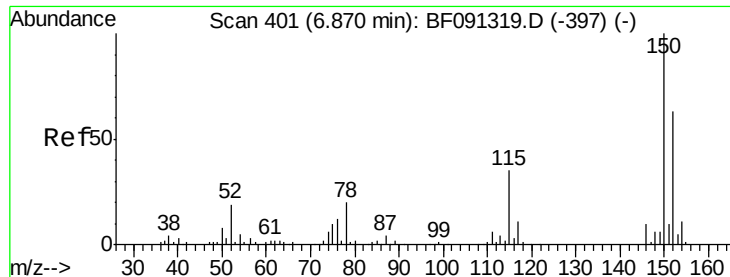
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleId :

PB94947BL

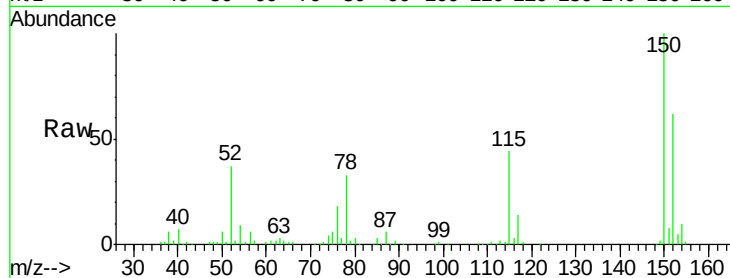
Tgt Ion:152 Resp: 161224

Ion Ratio Lower Upper

152 100

150 160.9 122.5 183.7

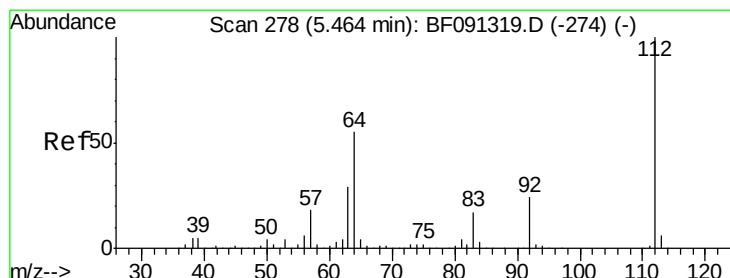
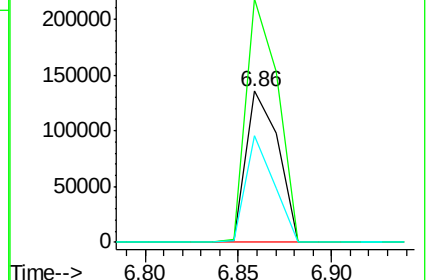
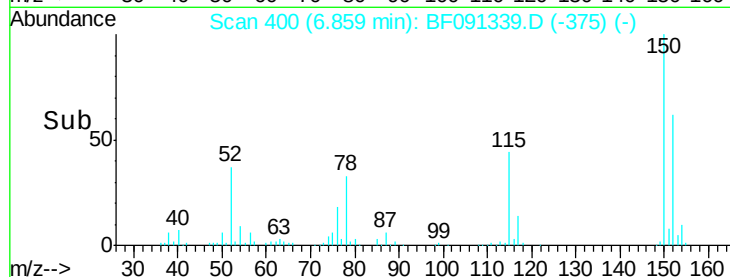
115 70.2 51.8 77.8



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: 135.14 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

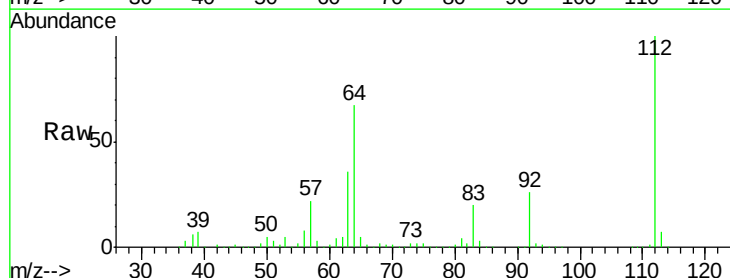
Tgt Ion:112 Resp: 1333736

Ion Ratio Lower Upper

112 100

64 66.6 61.5 92.3

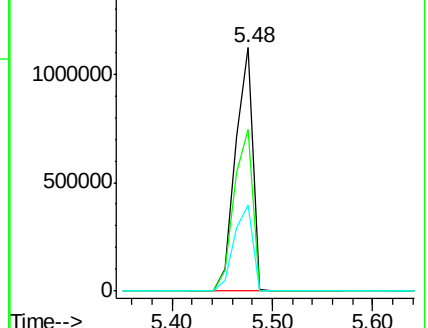
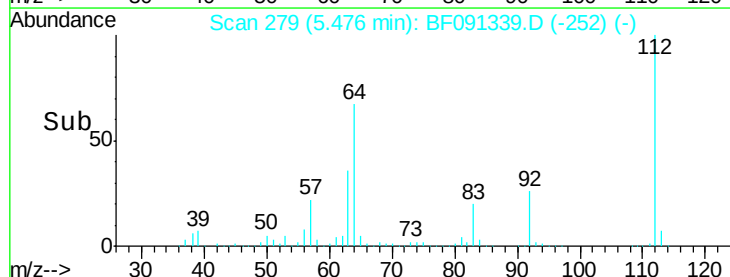
63 35.5 33.3 49.9

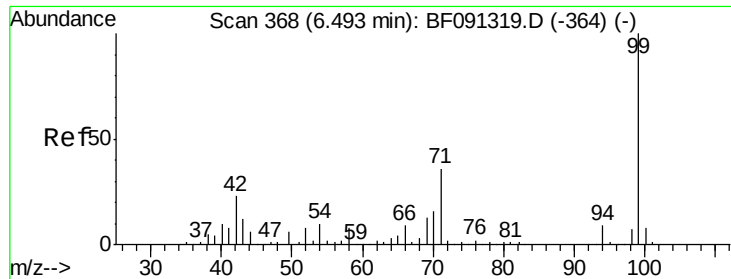


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.99 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleId :

PB94947BL

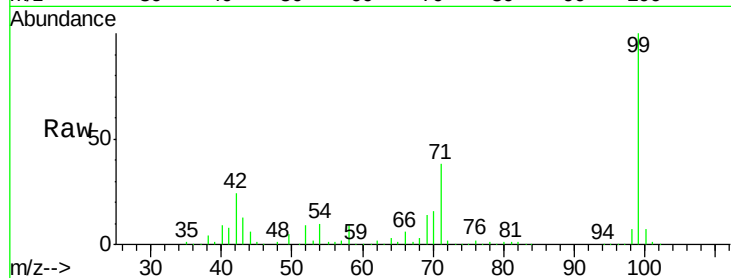
Tgt Ion: 99 Resp: 1445560

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

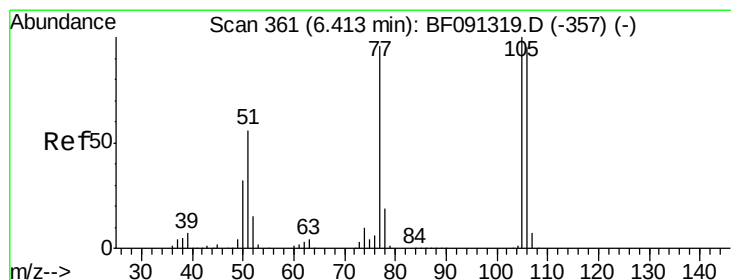
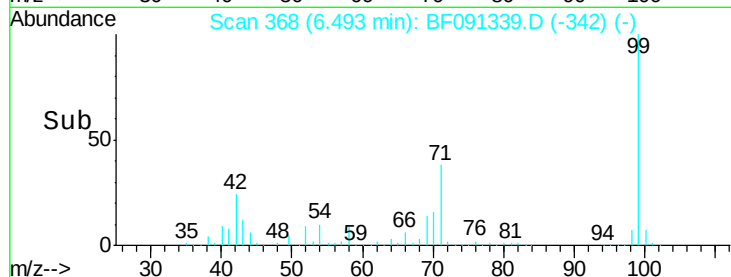
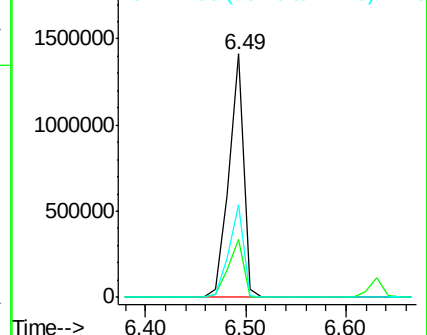
71 37.8 29.9 44.9



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: 3.75 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

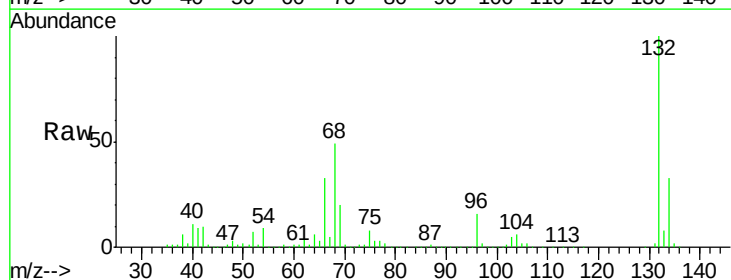
Tgt Ion: 77 Resp: 29295

Ion Ratio Lower Upper

77 100

105 72.7 66.4 106.4

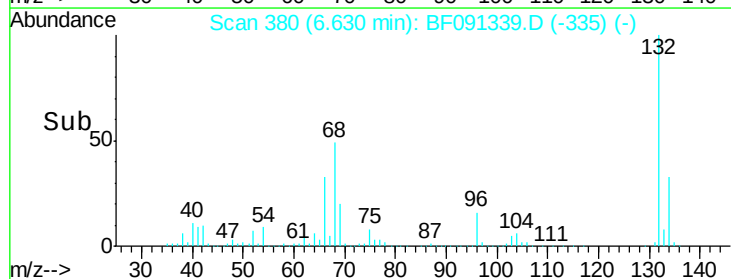
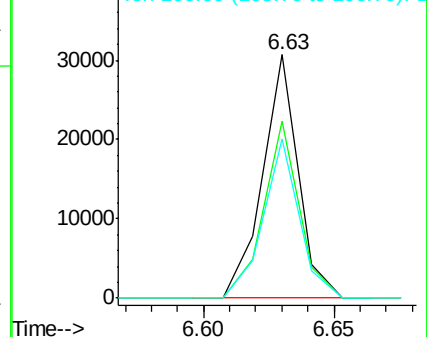
106 65.5 60.9 100.9

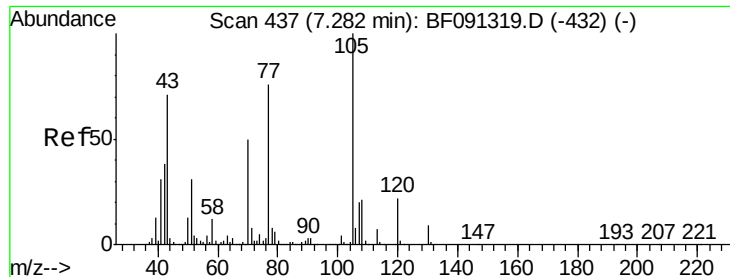


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

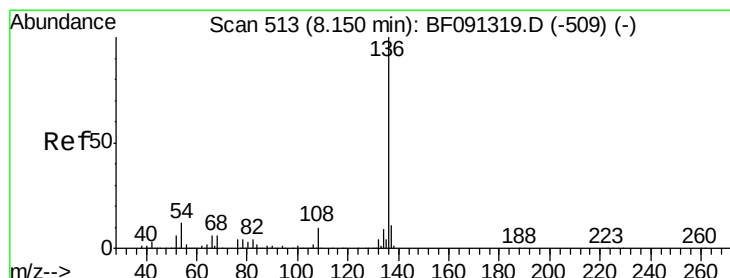
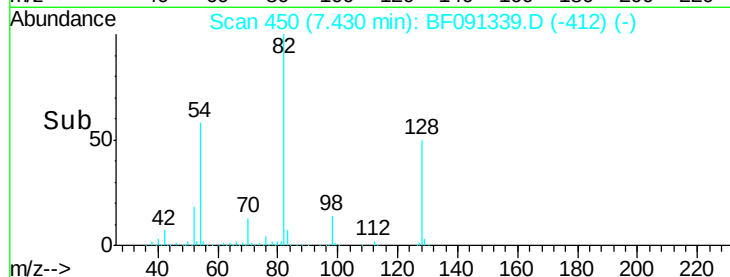
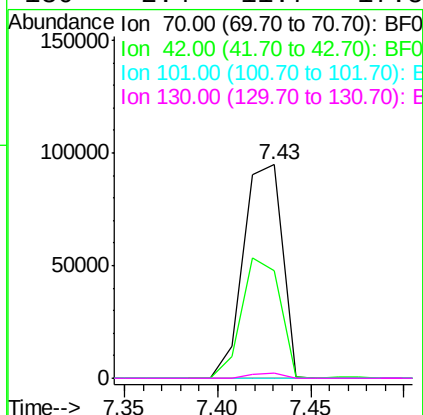
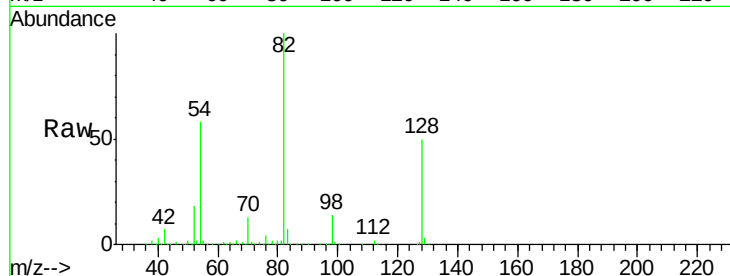




#19
n-Nitroso-di-n-propylamine
Concen: 17.87 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091339.D
Acq: 29 Nov 2016 20:56

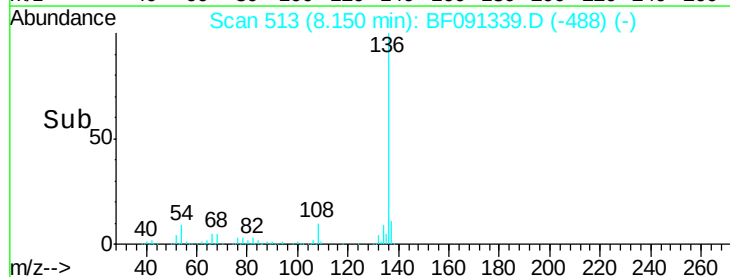
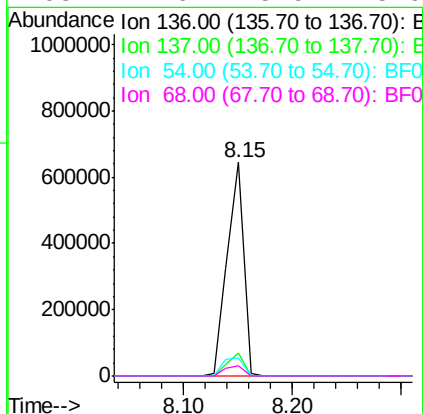
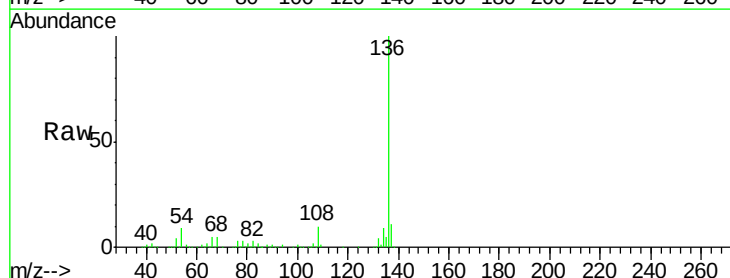
Instrument :
BNA_F
ClientSampleId :
PB94947BL

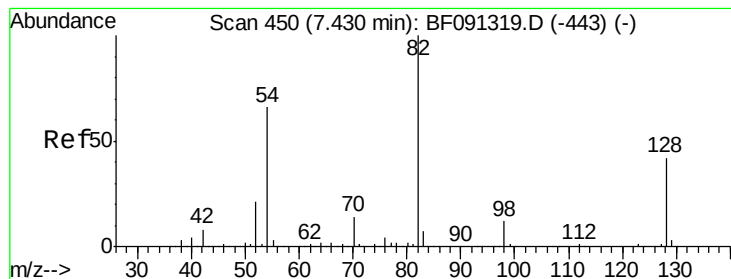
Tgt Ion: 70 Resp: 136804
Ion Ratio Lower Upper
70 100
42 50.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.4 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091339.D
Acq: 29 Nov 2016 20:56

Tgt Ion: 136 Resp: 676460
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.6 9.1 13.7#
68 4.6 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 83.80 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleID :

PB94947BL

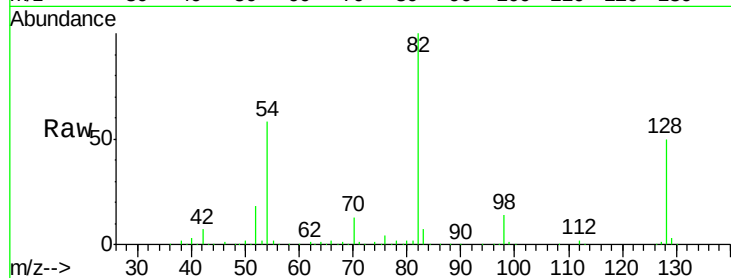
Tgt Ion: 82 Resp: 1011575

Ion Ratio Lower Upper

82 100

128 50.2 31.8 47.6#

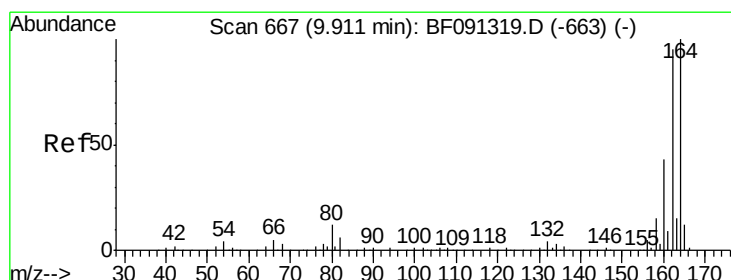
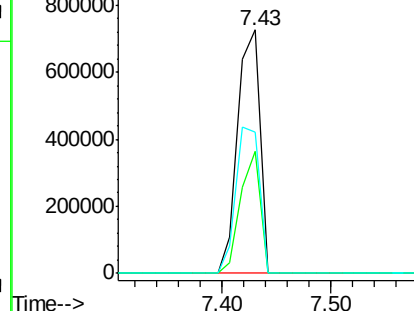
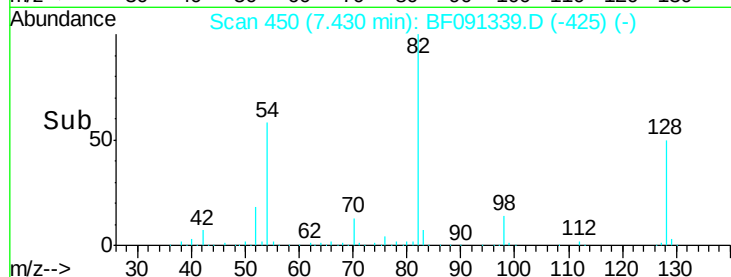
54 58.1 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

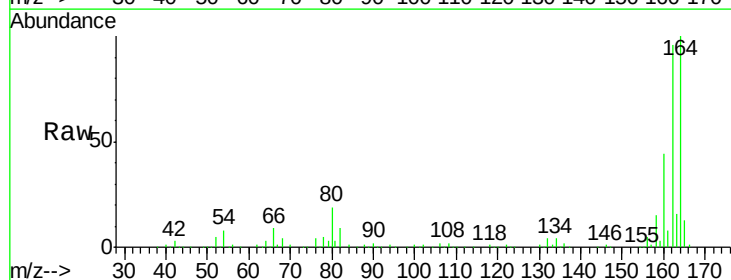
Tgt Ion: 164 Resp: 368236

Ion Ratio Lower Upper

164 100

162 96.4 82.6 124.0

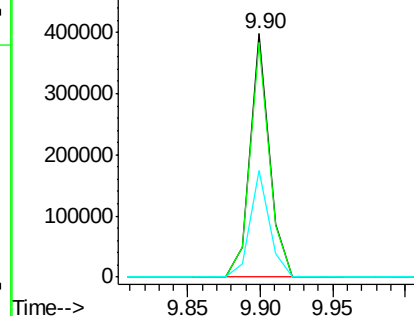
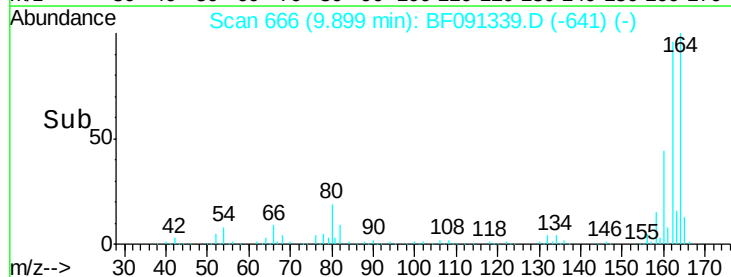
160 43.7 36.7 55.1

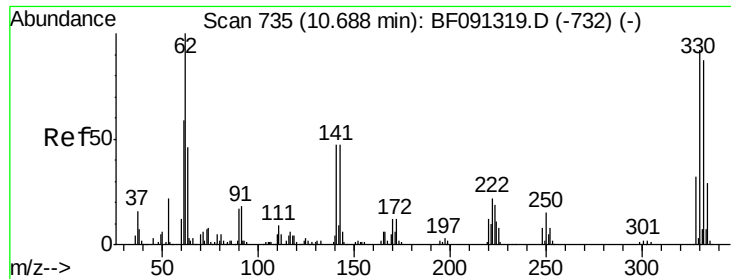


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

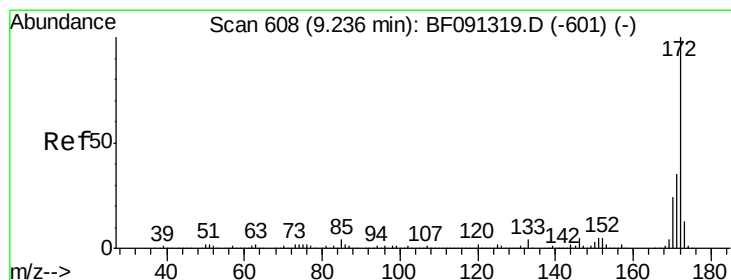
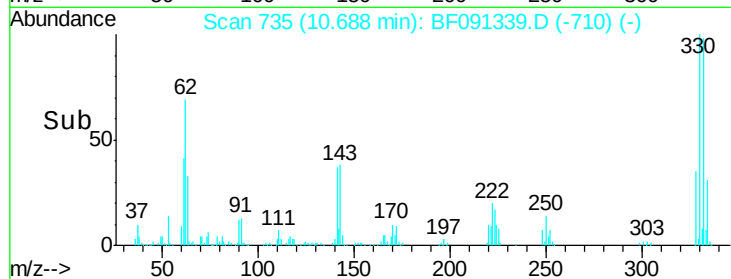
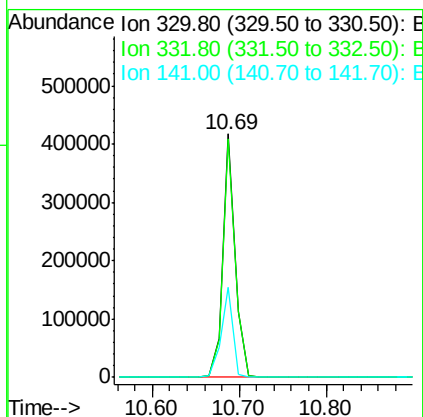
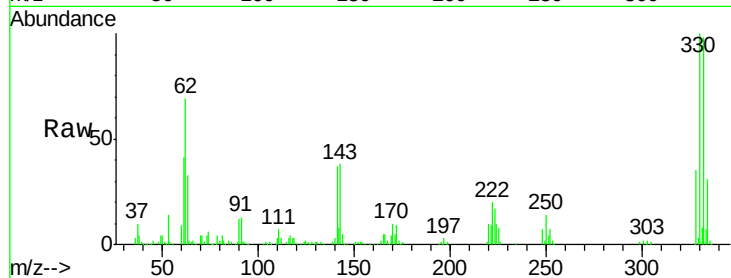




#41
 2,4,6-Tribromophenol
 Concen: 119.70 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091339.D
 Acq: 29 Nov 2016 20:56

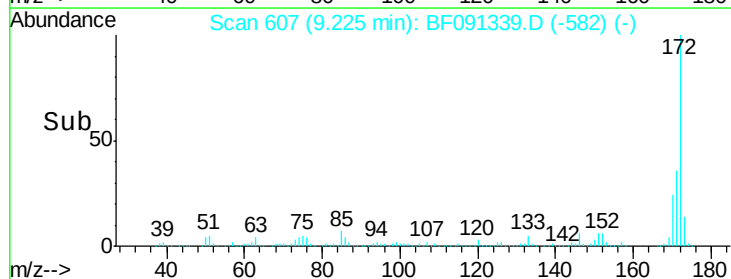
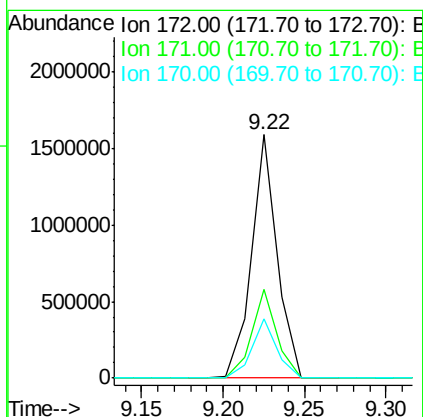
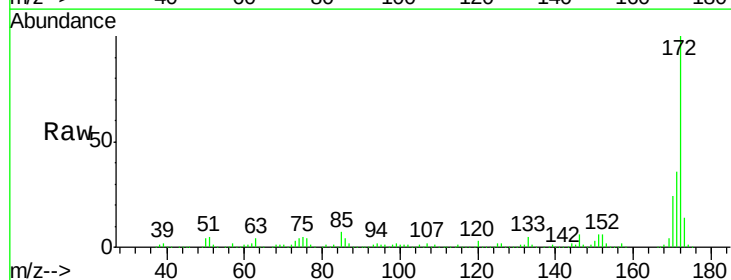
Instrument :
 BNA_F
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 PB94947BL

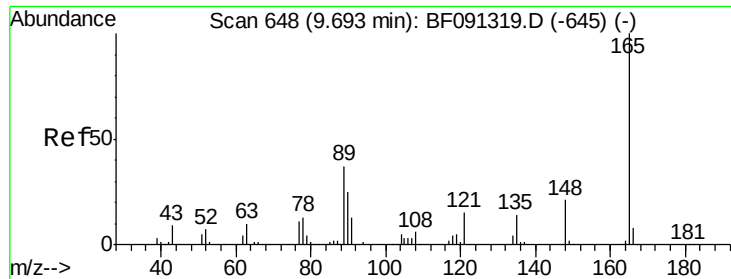
Tgt Ion:330 Resp: 417291
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.2 114.4
 141 35.2 33.6 50.4



#44
 2-Fluorobiphenyl
 Concen: 85.26 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091339.D
 Acq: 29 Nov 2016 20:56

Tgt Ion:172 Resp: 1733946
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 19.7 29.5

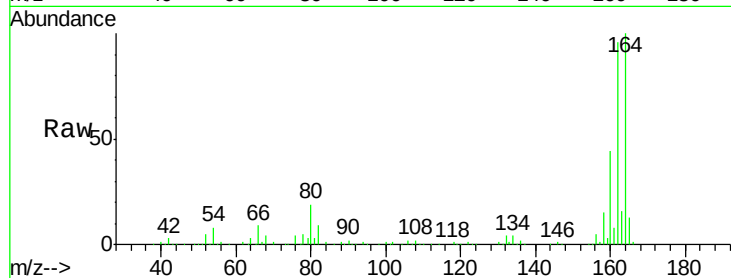




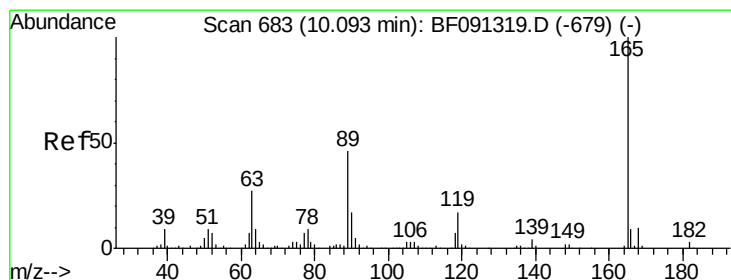
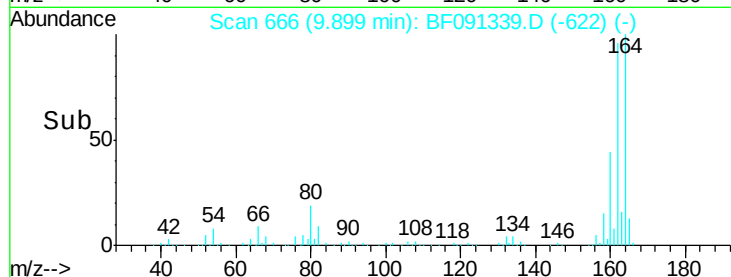
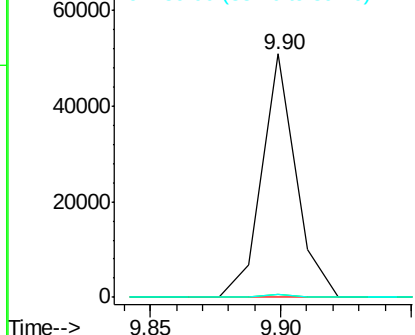
#50
 2,6-Dinitrotoluene
 Concen: 9.33 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091339.D
 Acq: 29 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB94947BL

Tgt Ion:165 Resp: 46494
 Ion Ratio Lower Upper
 165 100
 63 1.4 59.4 89.0#
 89 1.2 50.8 76.2#



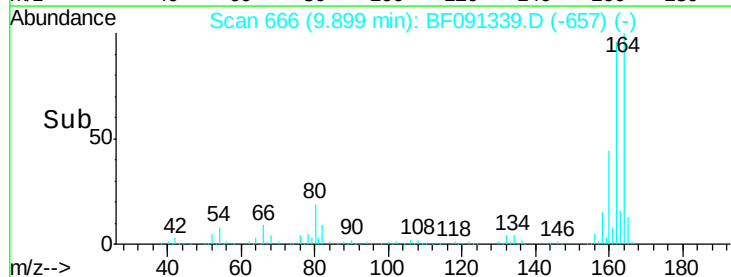
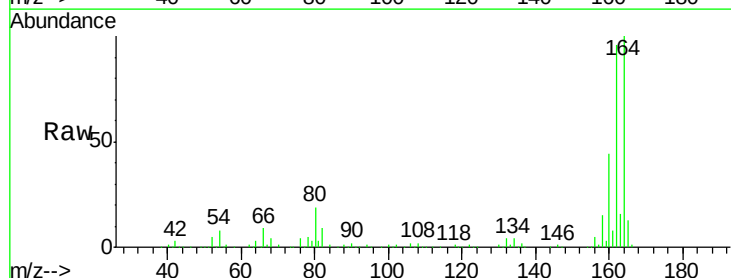
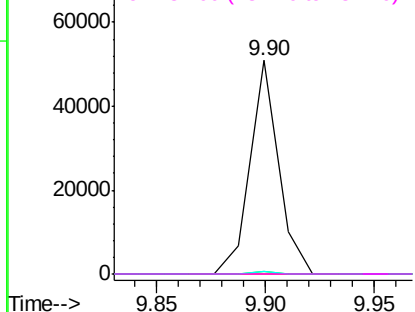
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

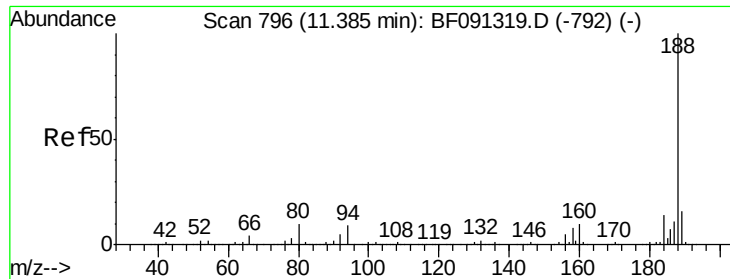


#56
 2,4-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091339.D
 Acq: 29 Nov 2016 20:56

Tgt Ion:165 Resp: 46496
 Ion Ratio Lower Upper
 165 100
 63 1.4 29.0 43.4#
 89 1.2 43.1 64.7#
 182 0.0 1.9 2.9#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

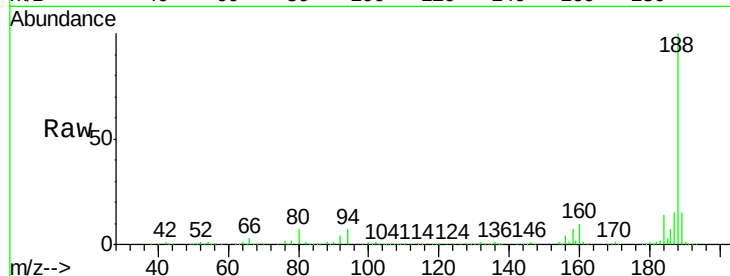




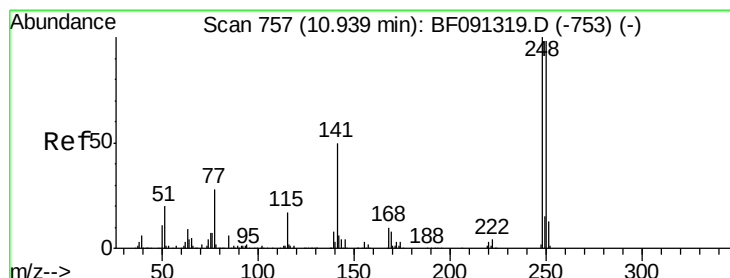
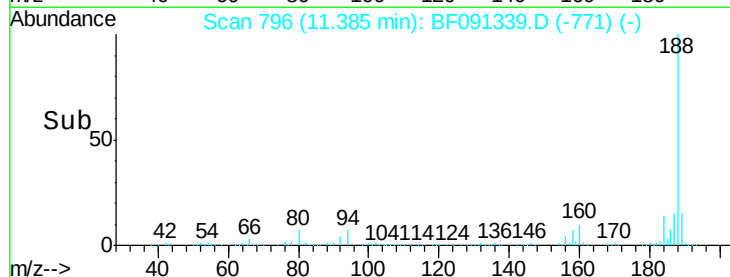
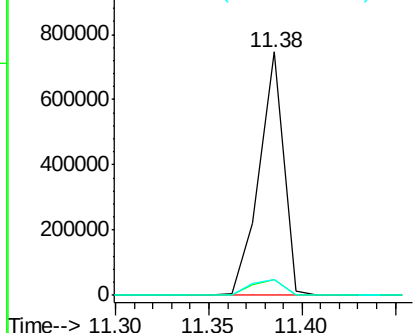
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091339.D
Acq: 29 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
PB94947BL

Tgt Ion:188 Resp: 677096
Ion Ratio Lower Upper
188 100
94 6.6 9.2 13.8#
80 6.7 10.5 15.7#

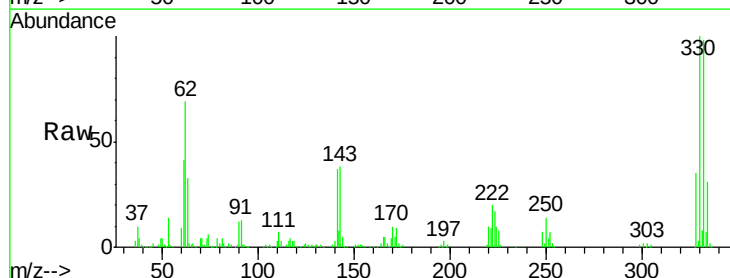


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

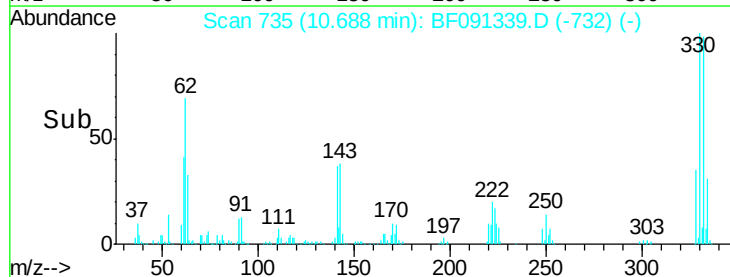
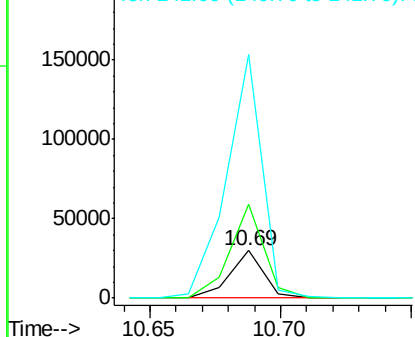


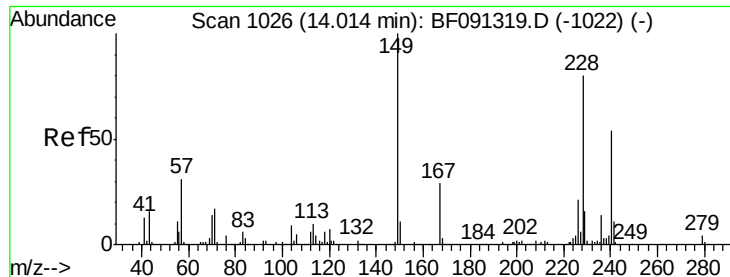
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091339.D
Acq: 29 Nov 2016 20:56

Tgt Ion:248 Resp: 26986
Ion Ratio Lower Upper
248 100
250 196.7 78.2 117.4#
141 510.5 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleId :

PB94947BL

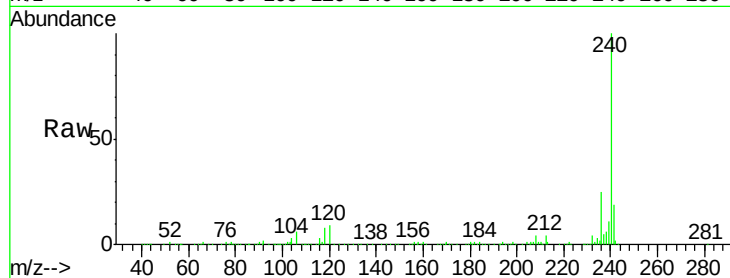
Tgt Ion:240 Resp: 516506

Ion Ratio Lower Upper

240 100

120 8.7 12.1 18.1#

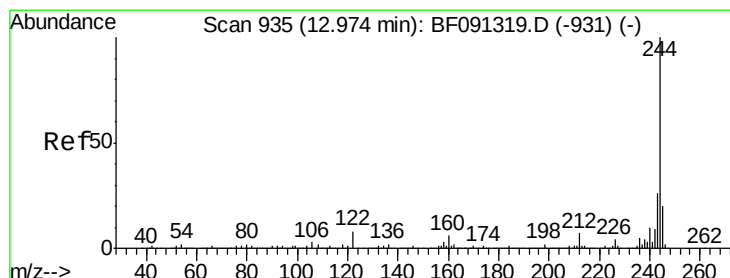
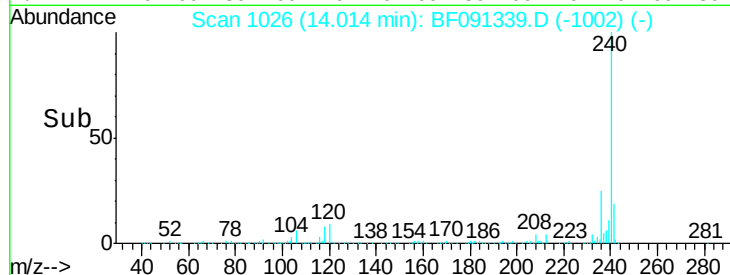
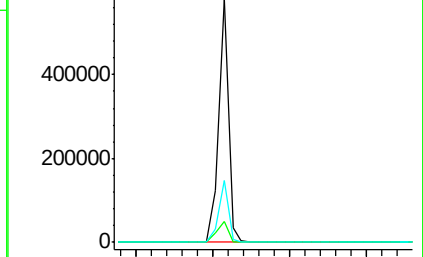
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 80.83 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091339.D

Acq: 29 Nov 2016 20:56

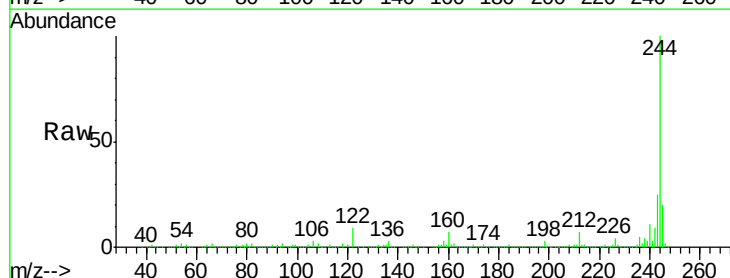
Tgt Ion:244 Resp: 1920826

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

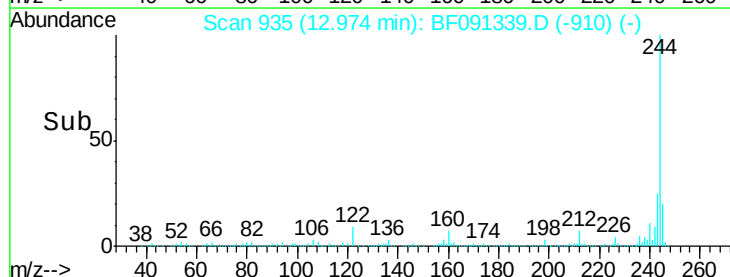
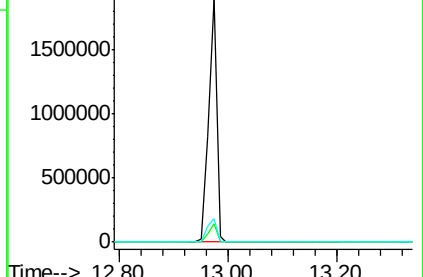
122 9.4 9.5 14.3#

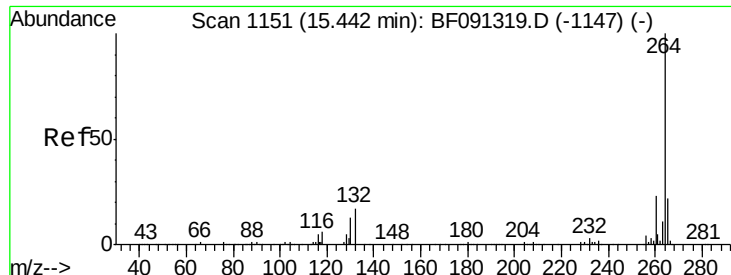


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

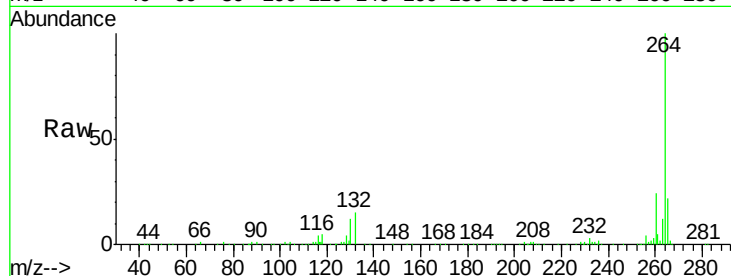




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091339.D
Acq: 29 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
PB94947BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

