

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091337.D
 Acq On : 29 Nov 2016 20:00
 Operator : UM/SJ
 Sample : PB94900BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94900BL

Quant Time: Nov 30 00:41:48 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

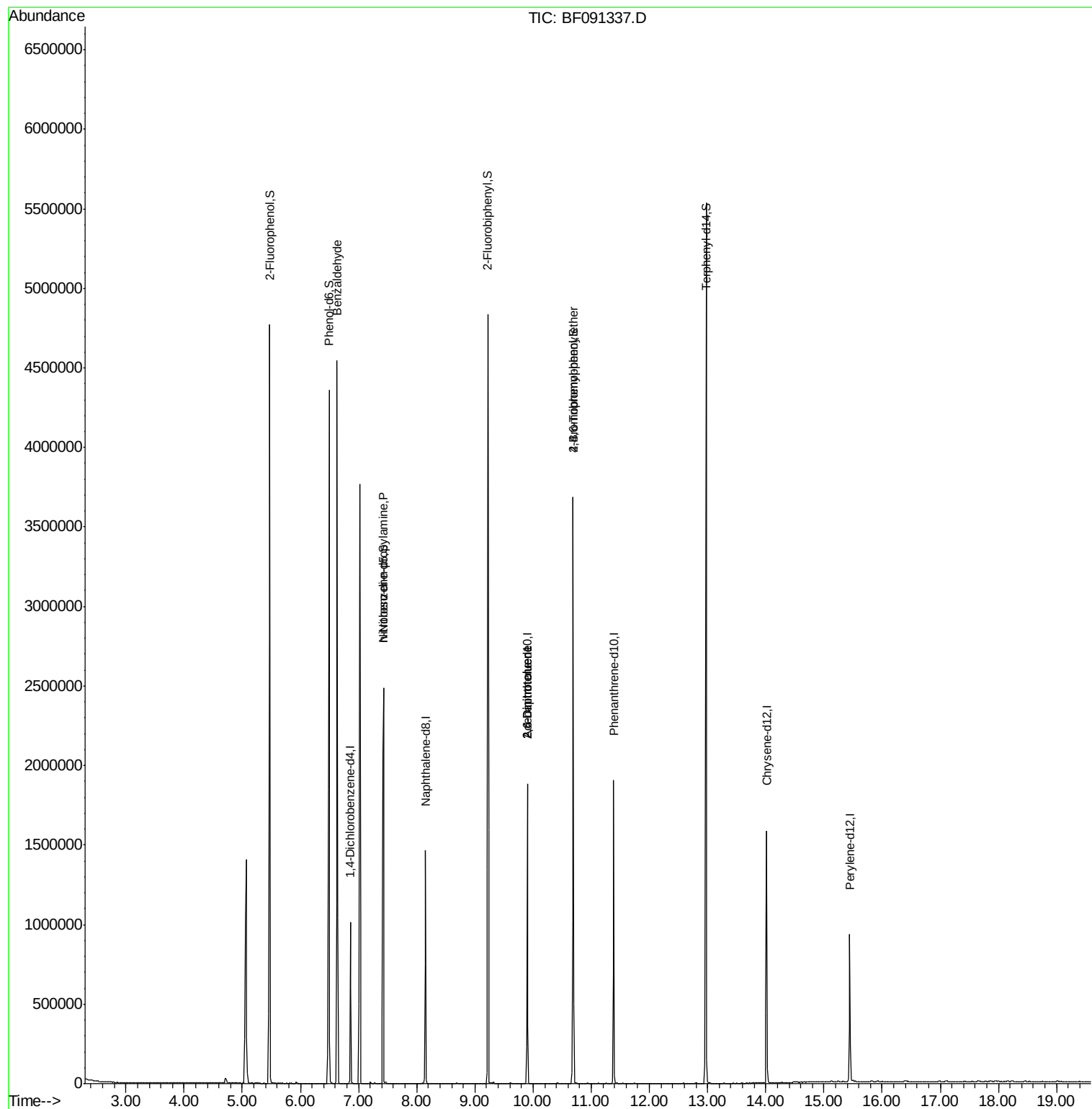
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	177697	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	758621	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	415856	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	762368	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	571243	20.00	ng	-0.03
86) Perylene-d12	15.44	264	413983	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1374950	126.40	ng	0.00
7) Phenol-d6	6.49	99	1448983	108.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	1099418	81.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	427977	108.71	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1834756	79.89	ng	-0.02
78) Terphenyl-d14	12.97	244	1961373	74.63	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	29862	3.47	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.43	70	146956	17.42	ng	# 66
50) 2,6-Dinitrotoluene	9.90	165	53259	9.46	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	53265	7.30	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	26975	3.29	ng	# 1

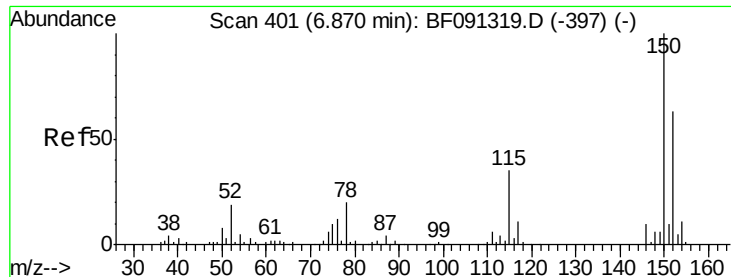
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
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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: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

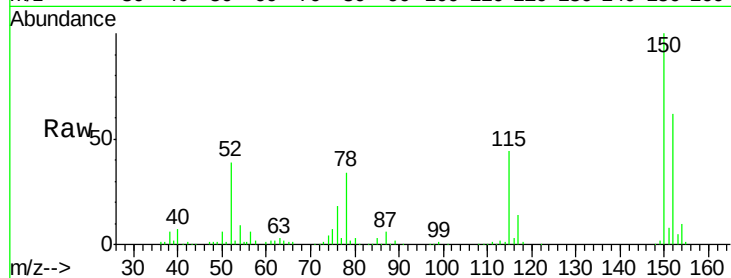
Tgt Ion:152 Resp: 177697

Ion Ratio Lower Upper

152 100

150 162.1 122.5 183.7

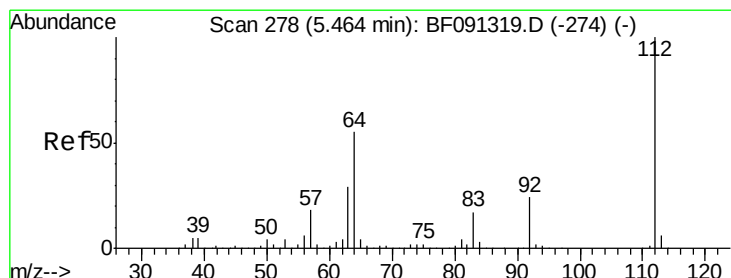
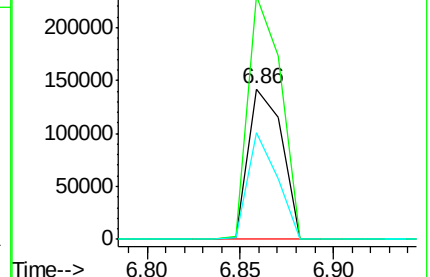
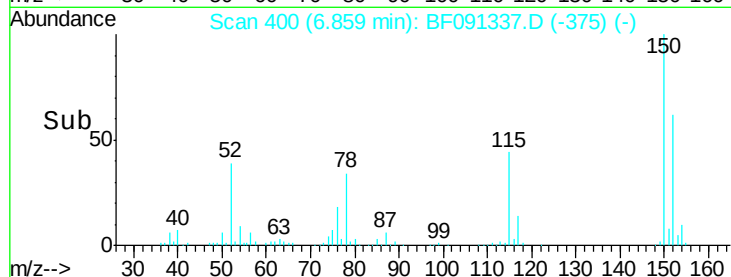
115 71.4 51.8 77.8



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: 126.40 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

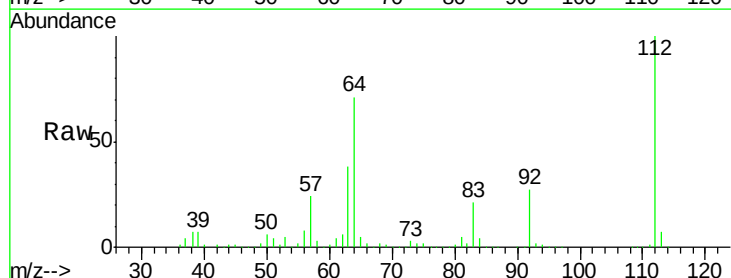
Tgt Ion:112 Resp: 1374950

Ion Ratio Lower Upper

112 100

64 70.5 61.5 92.3

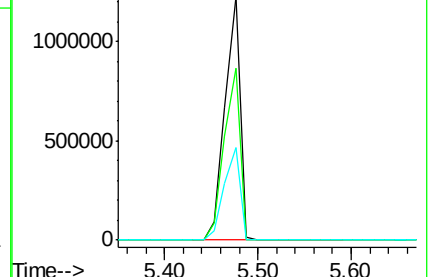
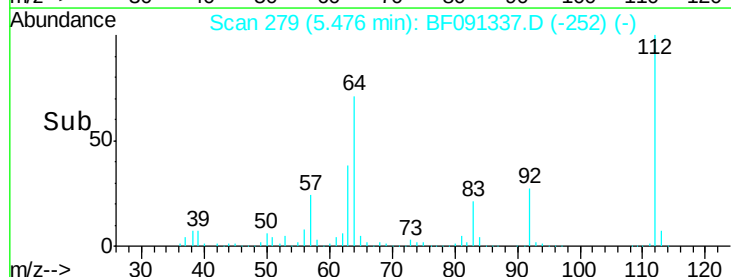
63 38.1 33.3 49.9

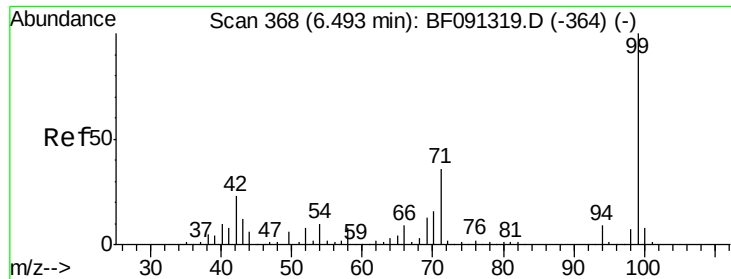


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.21 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

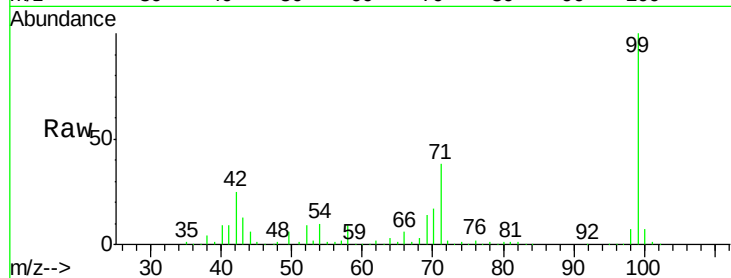
Tgt Ion: 99 Resp: 1448983

Ion Ratio Lower Upper

99 100

42 24.7 20.6 31.0

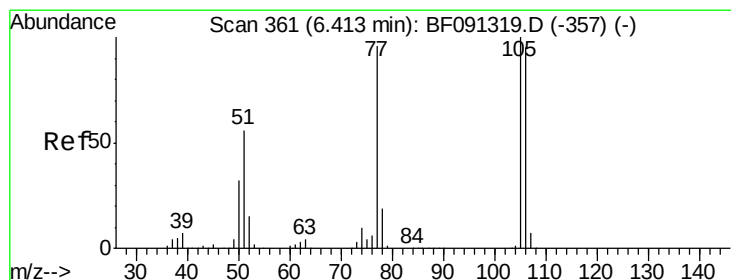
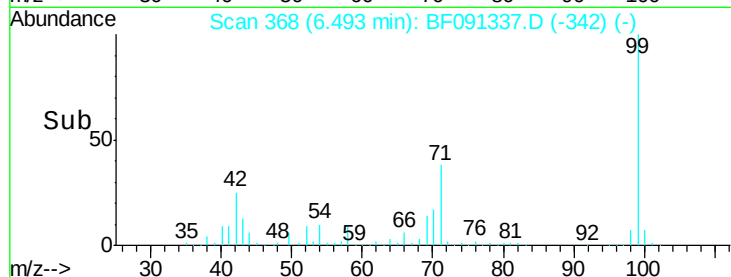
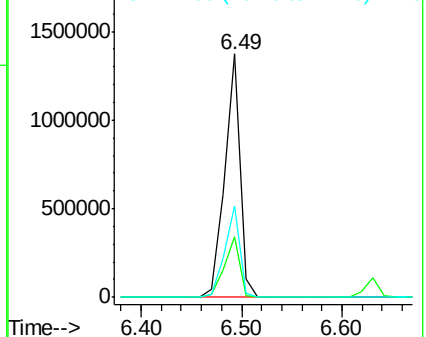
71 37.6 29.9 44.9



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: 3.47 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

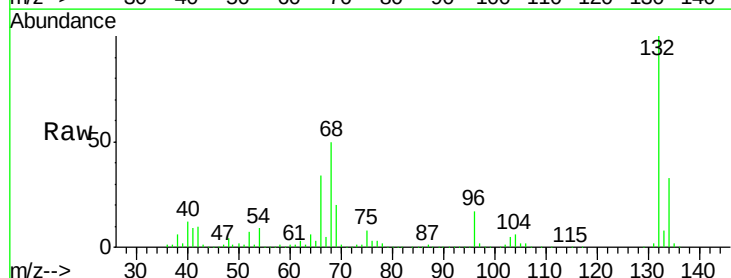
Tgt Ion: 77 Resp: 29862

Ion Ratio Lower Upper

77 100

105 75.8 66.4 106.4

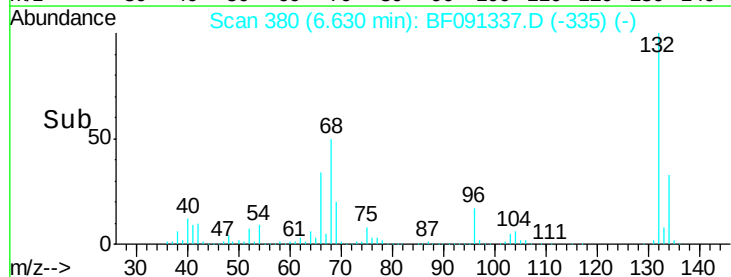
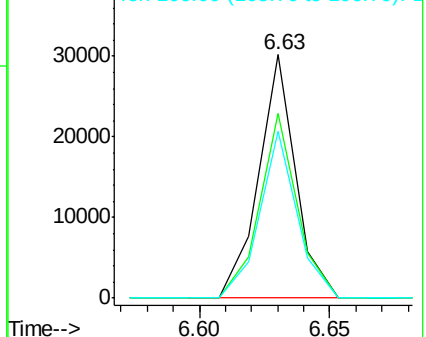
106 68.7 60.9 100.9

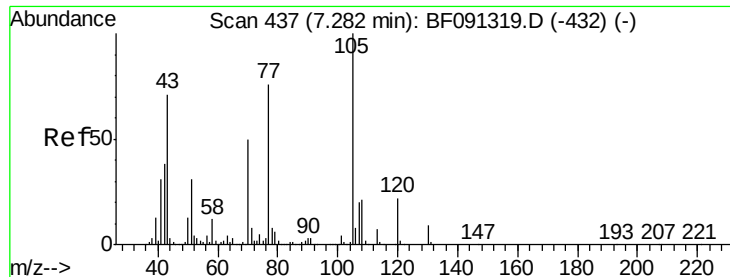


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

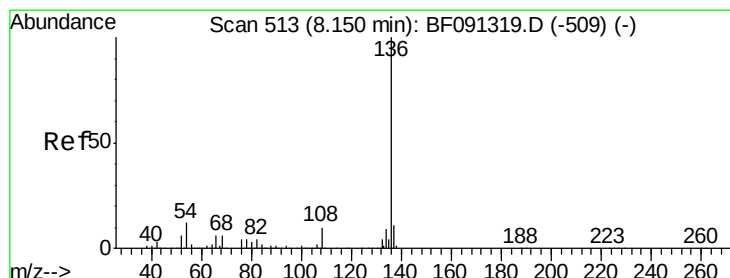
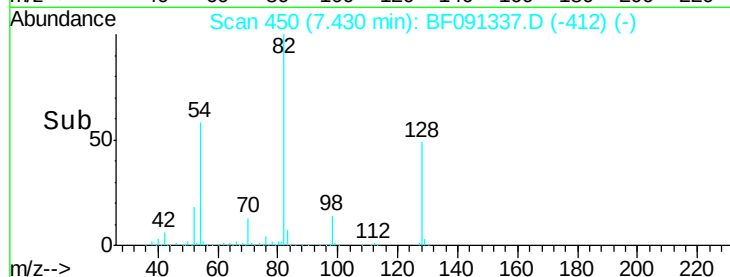
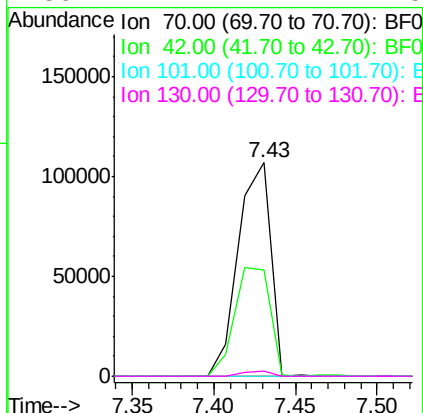
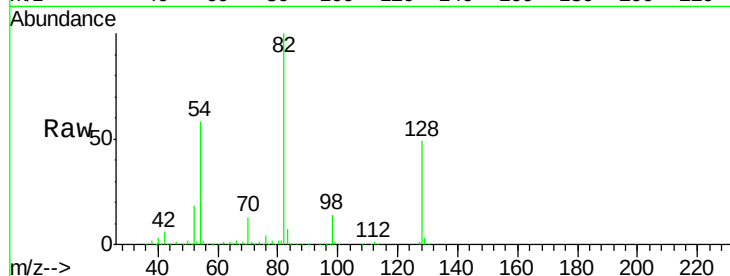




#19
n-Nitroso-di-n-propylamine
Concen: 17.42 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

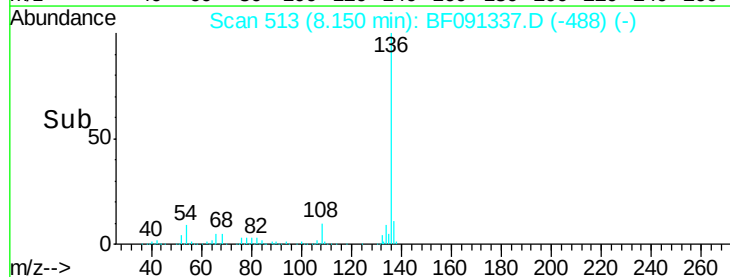
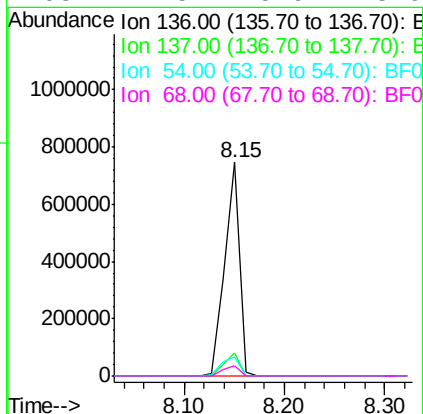
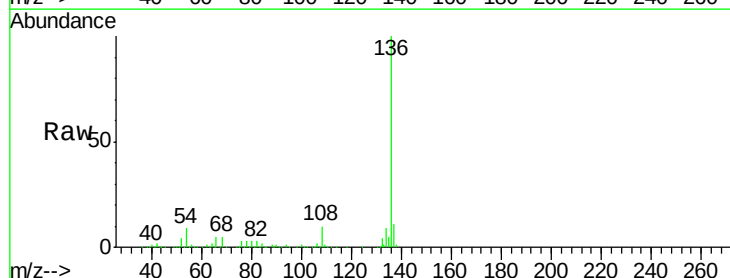
Instrument :
BNA_F
ClientSampleId :
PB94900BL

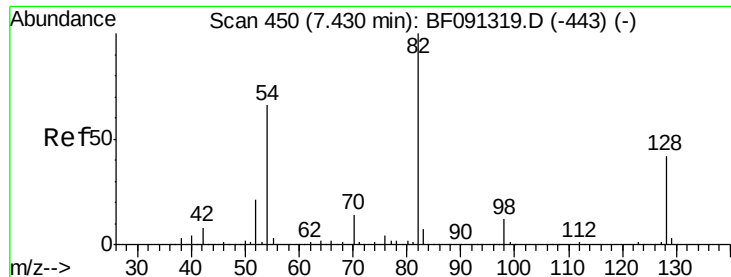
Tgt Ion: 70 Resp: 146956
Ion Ratio Lower Upper
70 100
42 49.5 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

Tgt Ion: 136 Resp: 758621
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.9 9.1 13.7#
68 4.5 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 81.22 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

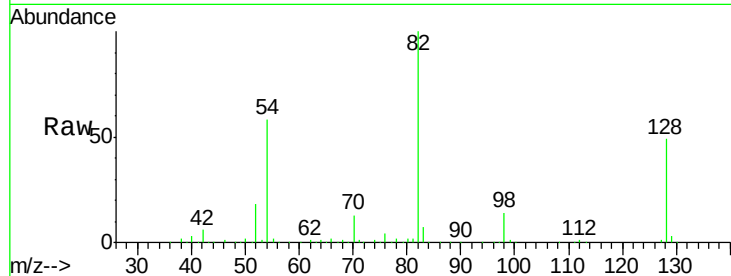
Tgt Ion: 82 Resp: 1099418

Ion Ratio Lower Upper

82 100

128 48.8 31.8 47.6#

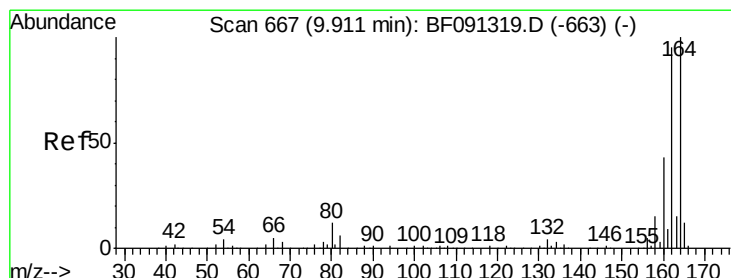
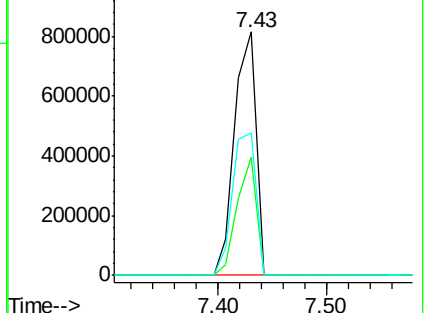
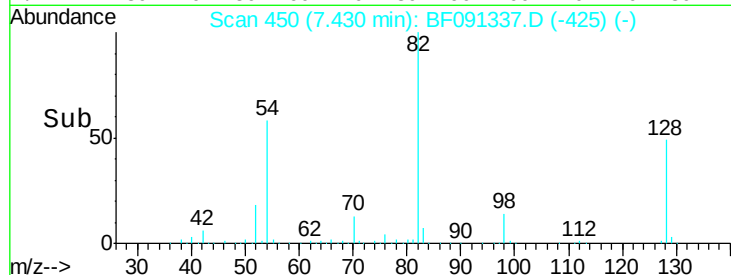
54 58.4 49.1 73.7



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: BF091337.D

Acq: 29 Nov 2016 20:00

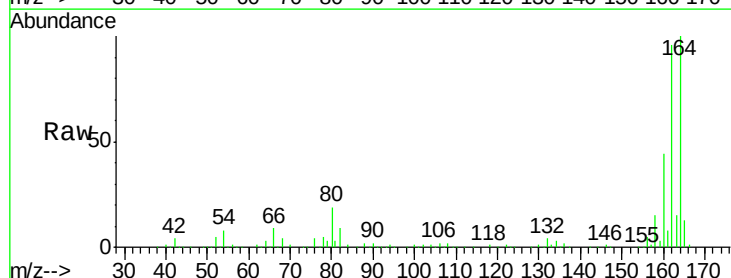
Tgt Ion: 164 Resp: 415856

Ion Ratio Lower Upper

164 100

162 96.2 82.6 124.0

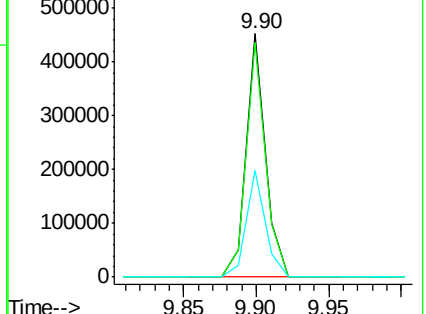
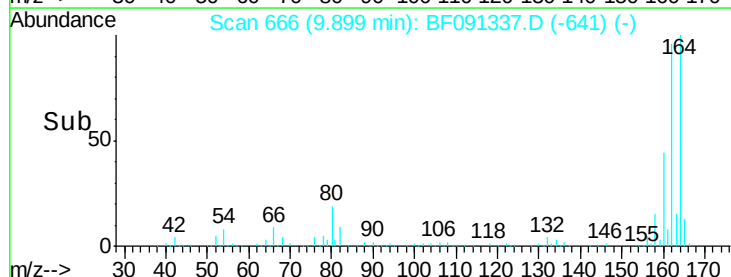
160 43.6 36.7 55.1

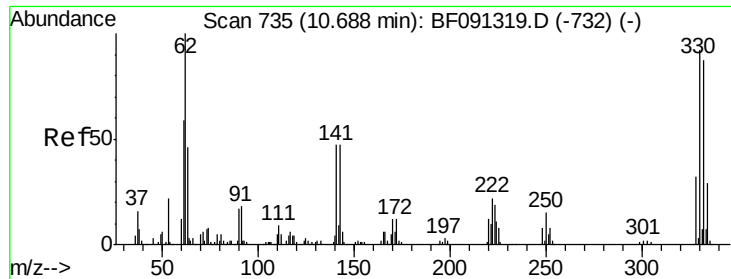


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

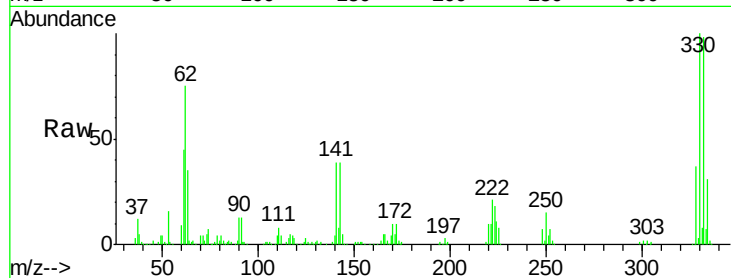




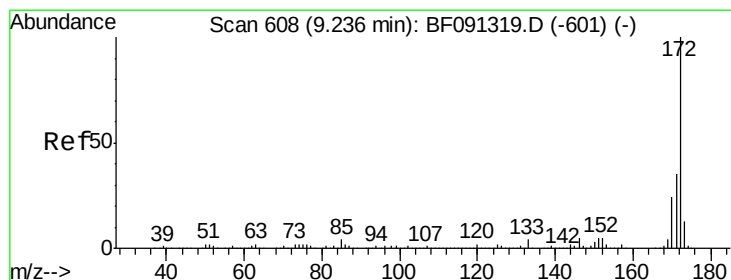
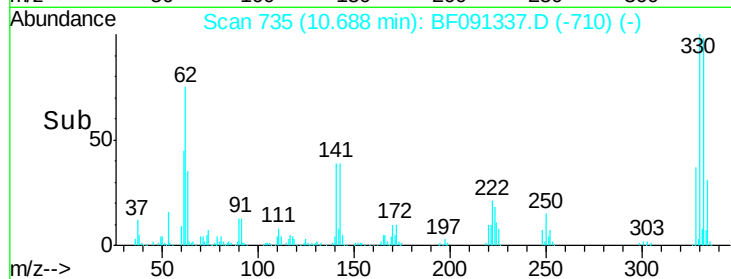
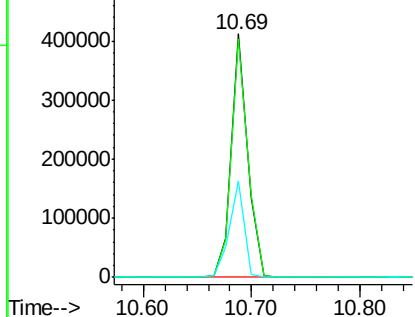
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Instrument :
 BNA_F
 ClientSampled :
 PB94900BL

Tgt Ion:330 Resp: 427977
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.2 114.4
 141 35.5 33.6 50.4

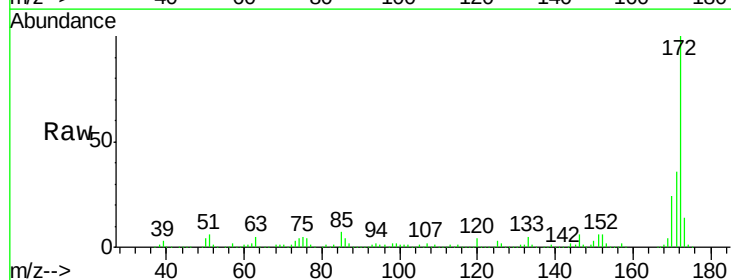


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

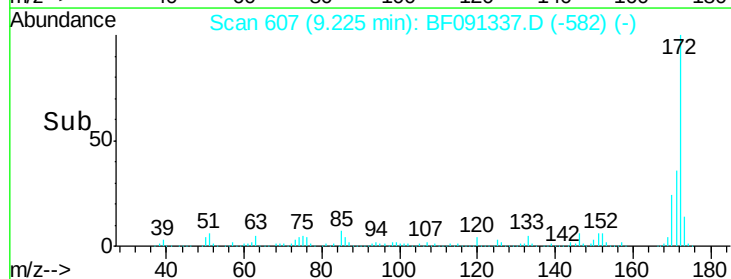
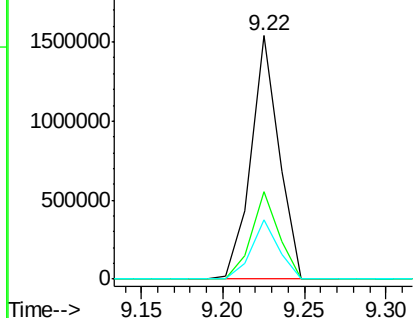


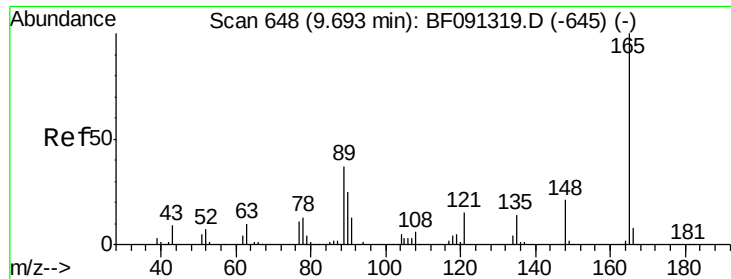
#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Tgt Ion:172 Resp: 1834756
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

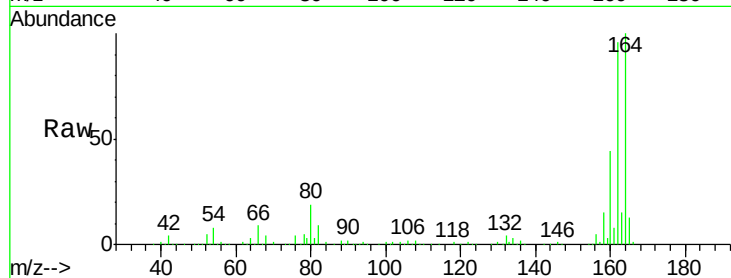




#50
 2,6-Dinitrotoluene
 Concen: 9.46 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB94900BL

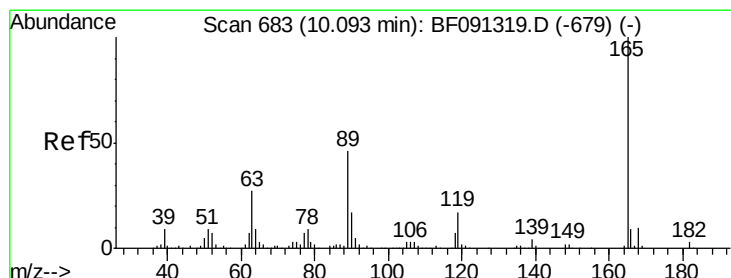
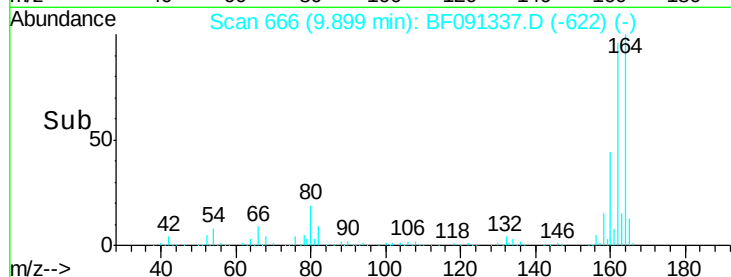
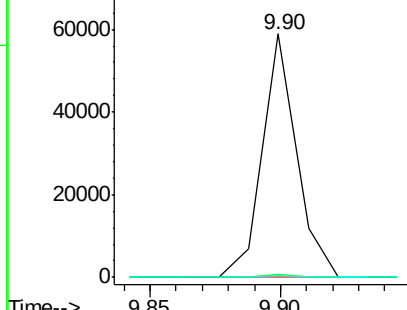
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	0.8	50.8	76.2#



Abundance Ion 165.00 (164.70 to 165.70): E

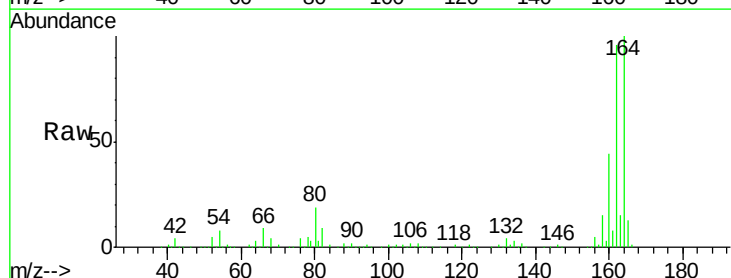
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#

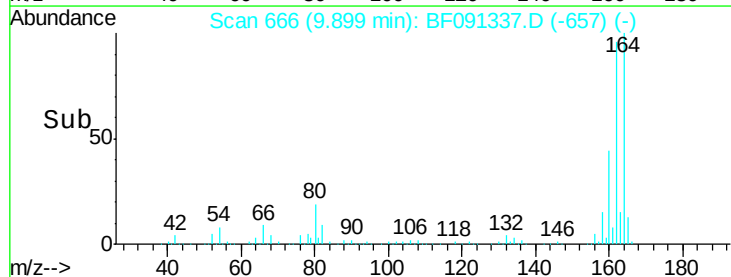
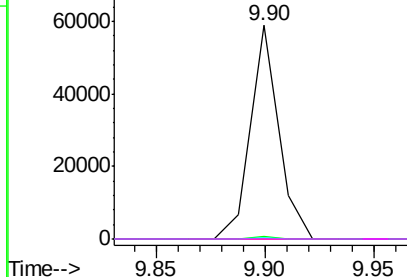


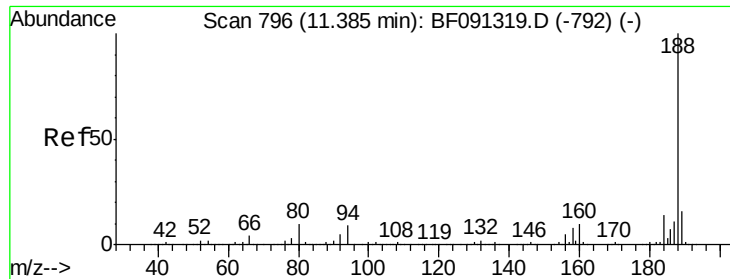
Abundance Ion 165.00 (164.70 to 165.70): E

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

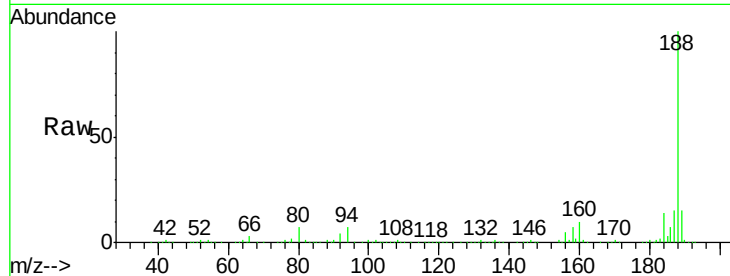




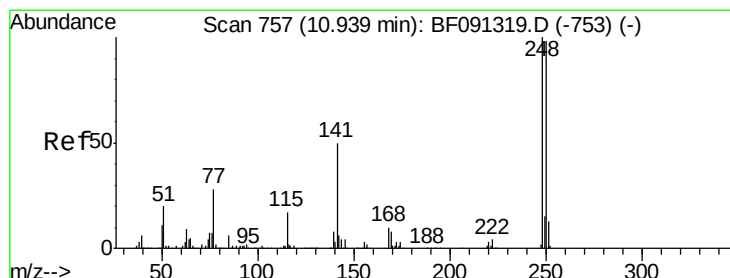
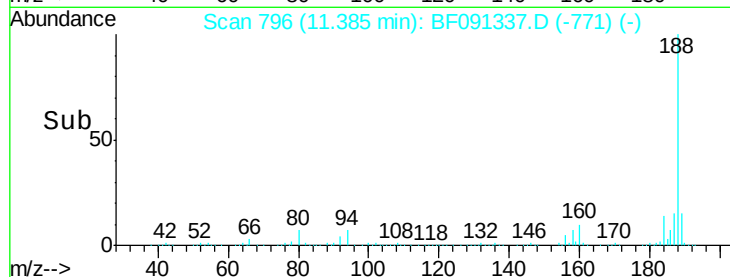
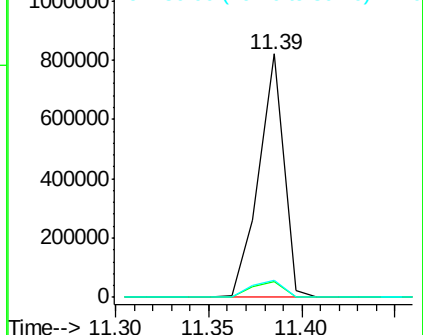
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

Instrument :
BNA_F
ClientSampleId :
PB94900BL

Tgt Ion:188 Resp: 762368
Ion Ratio Lower Upper
188 100
94 6.6 9.2 13.8#
80 7.0 10.5 15.7#

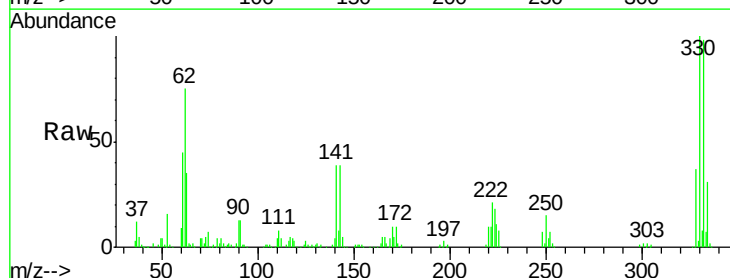


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

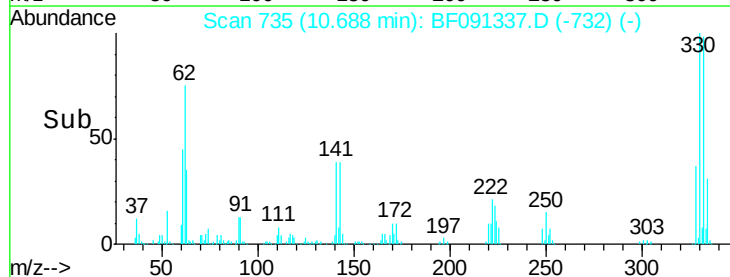
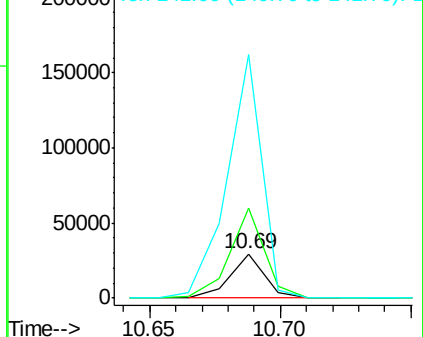


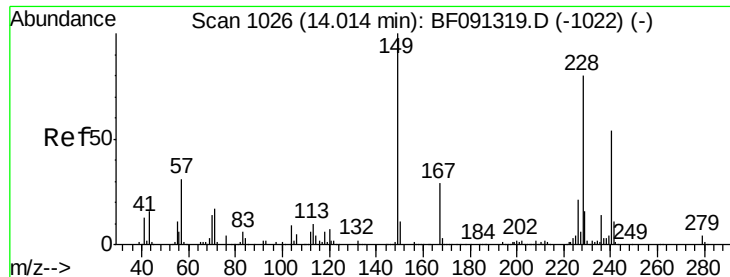
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091337.D
Acq: 29 Nov 2016 20:00

Tgt Ion:248 Resp: 26975
Ion Ratio Lower Upper
248 100
250 202.9 78.2 117.4#
141 550.0 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: BF091337.D

Acq: 29 Nov 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PB94900BL

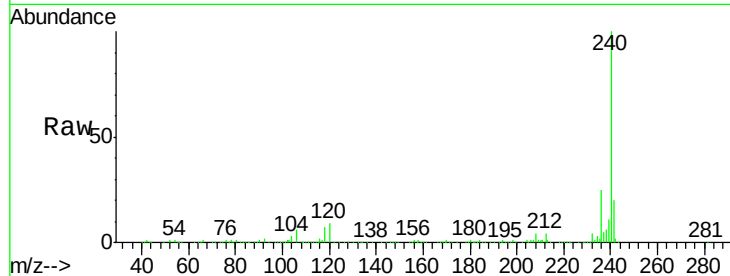
Tgt Ion:240 Resp: 571243

Ion Ratio Lower Upper

240 100

120 8.6 12.1 18.1#

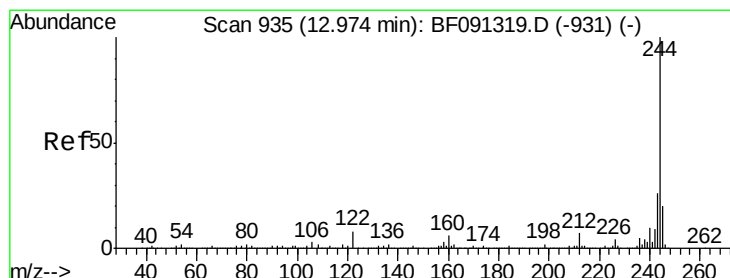
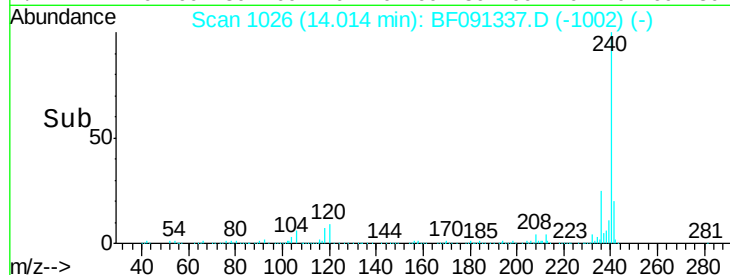
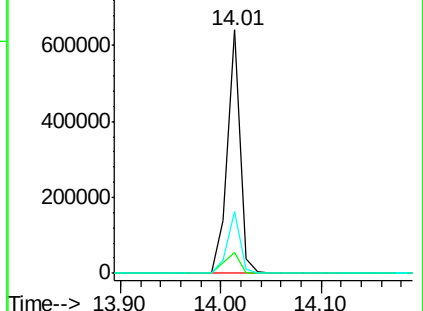
236 25.2 21.0 31.6



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: 74.63 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091337.D

Acq: 29 Nov 2016 20:00

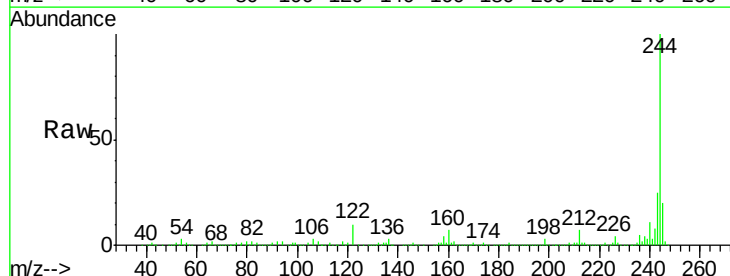
Tgt Ion:244 Resp: 1961373

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

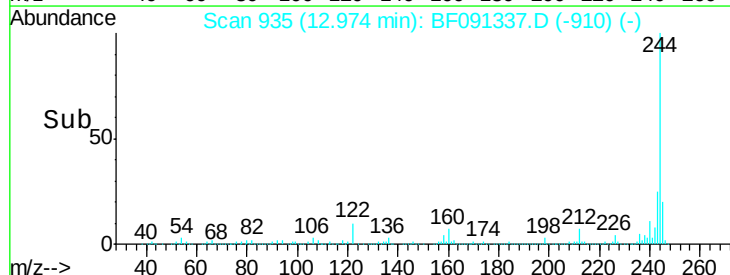
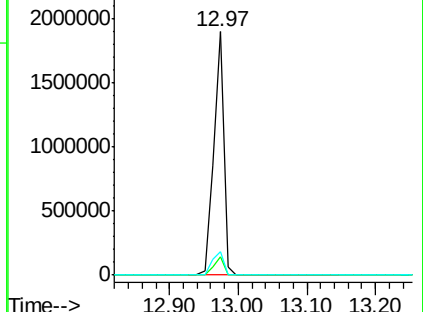
122 9.7 9.5 14.3

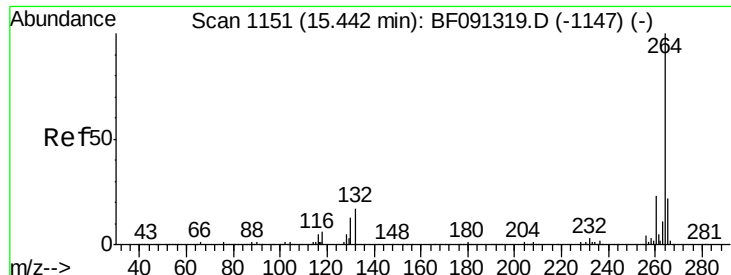


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

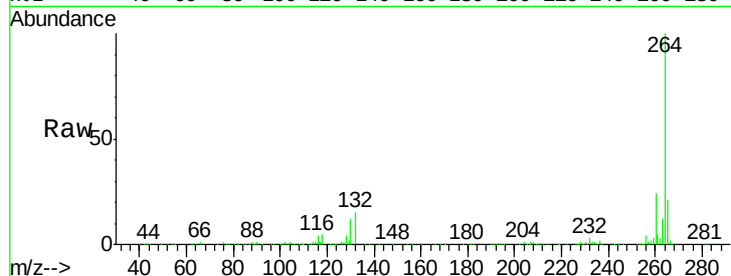




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091337.D
 Acq: 29 Nov 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB94900BL

Tgt Ion: 264 Resp: 413983
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.3 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

