

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091212.D
 Acq On : 17 Nov 2016 15:13
 Operator : UM/SJ
 Sample : PB94770BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Quant Time: Nov 18 03:04:42 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

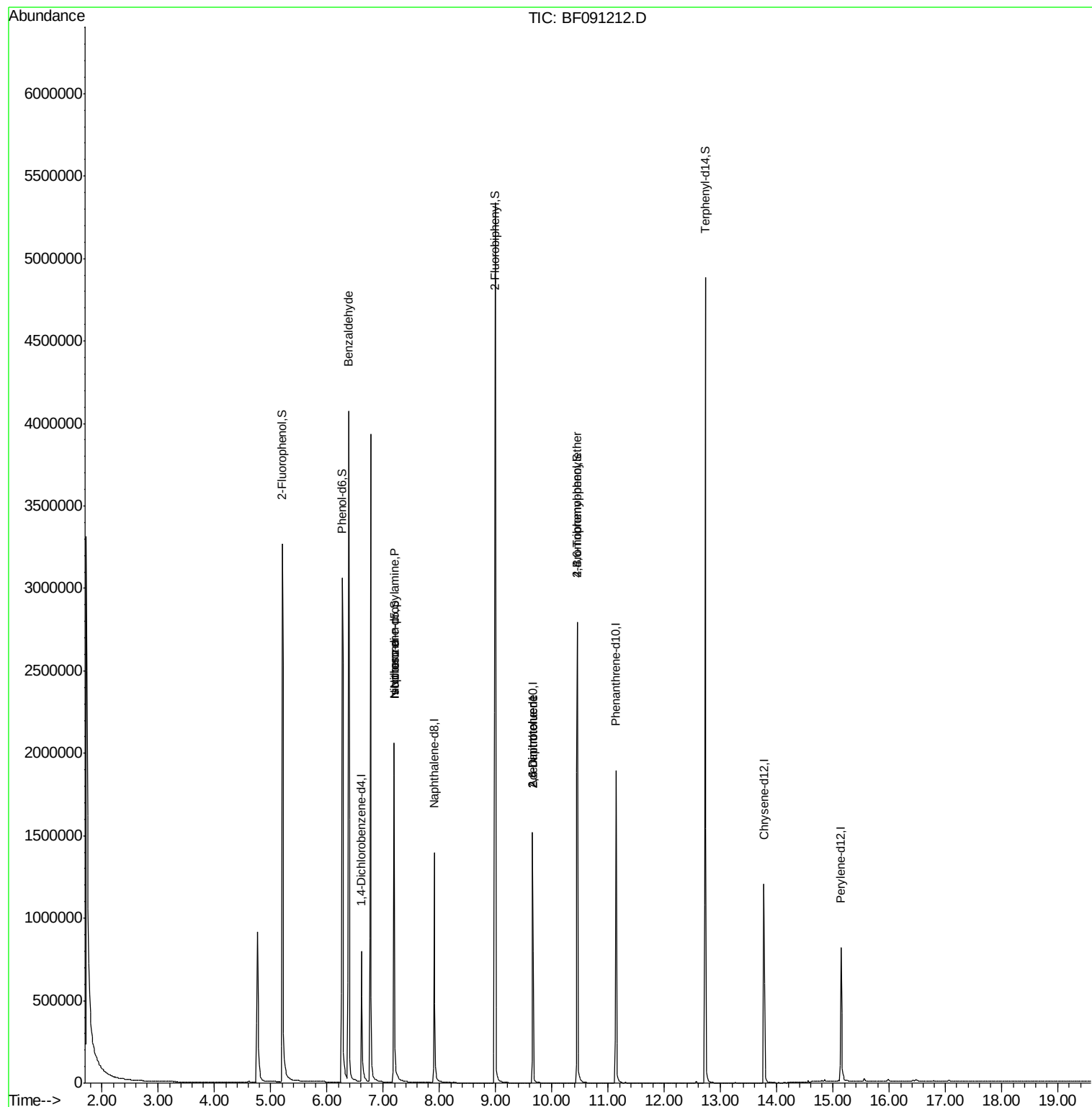
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	178176	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	759176	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	407724	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	703446	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	500472	20.00	ng	-0.05
86) Perylene-d12	15.14	264	366067	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1420512	131.67	ng	-0.03
7) Phenol-d6	6.27	99	1790955	122.31	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1158573	83.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	485422	131.69	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1927899	81.41	ng	-0.05
78) Terphenyl-d14	12.73	244	1810410	90.27	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	29623	3.64	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.20	70	152641	15.04	ng	# 72
25) Isophorone	7.20	82	1138942	42.47	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	52033	9.08	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	52285	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	33327	4.55	ng	# 1

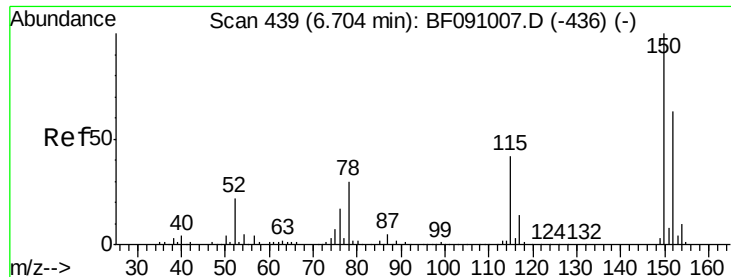
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampleId :

PB94770BL

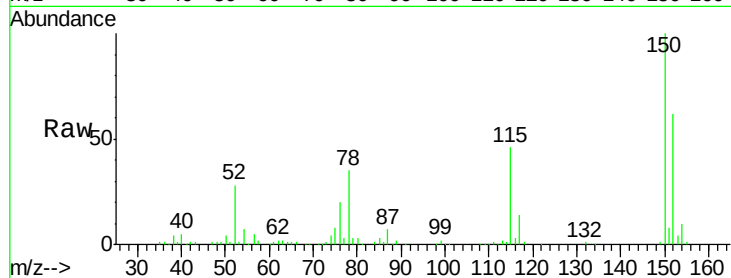
Tgt Ion:152 Resp: 178176

Ion Ratio Lower Upper

152 100

150 160.7 126.8 190.2

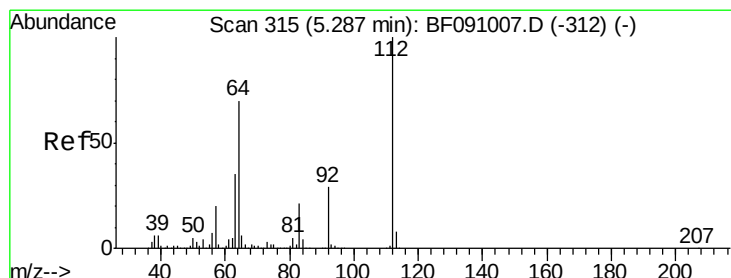
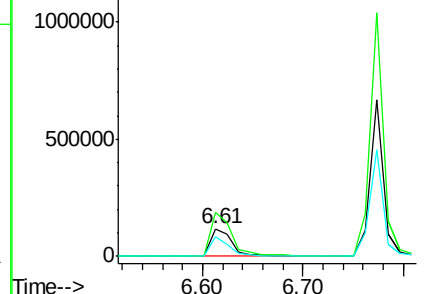
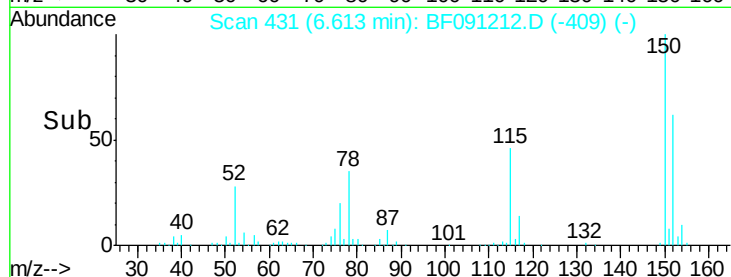
115 73.3 53.3 79.9



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: 131.67 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

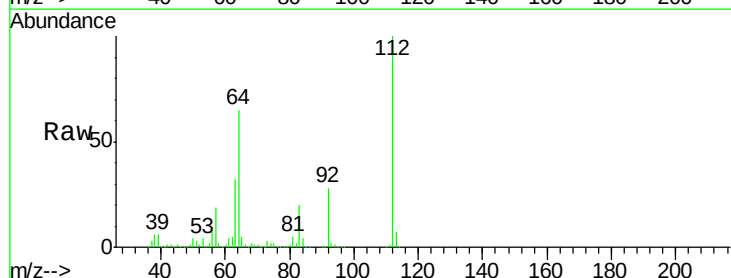
Tgt Ion:112 Resp: 1420512

Ion Ratio Lower Upper

112 100

64 64.7 55.8 83.6

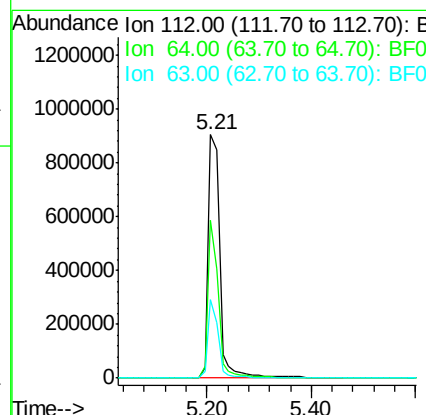
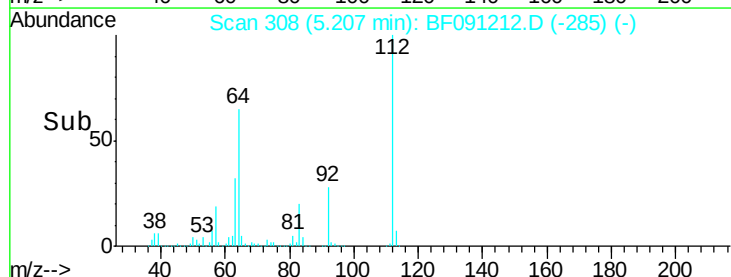
63 32.5 28.0 42.0

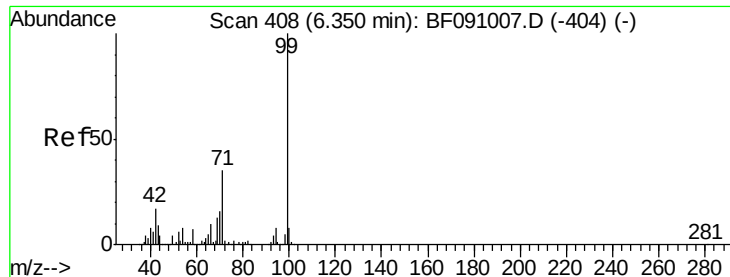


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.31 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampleId :

PB94770BL

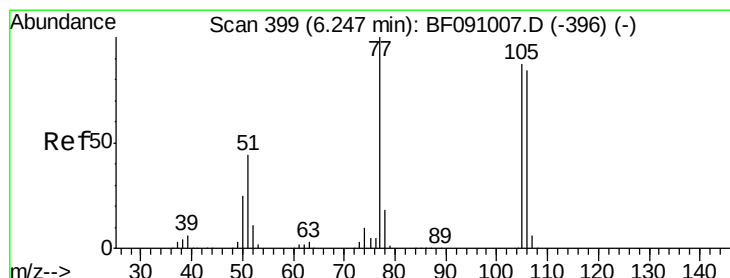
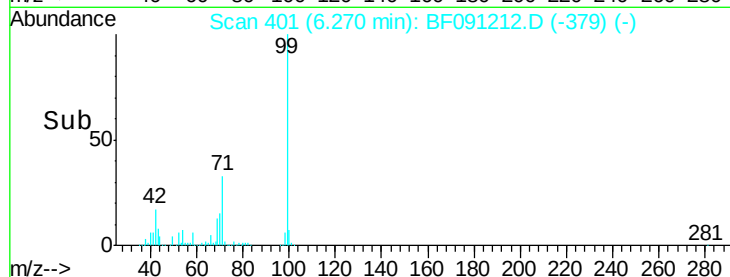
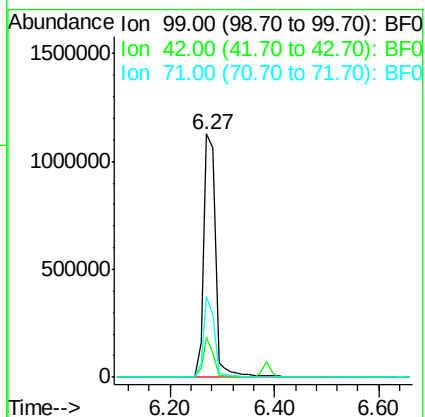
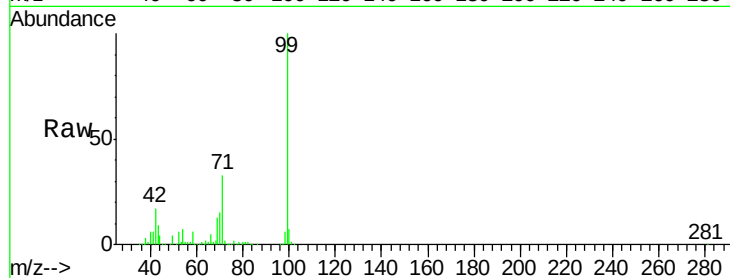
Tgt Ion: 99 Resp: 1790955

Ion Ratio Lower Upper

99 100

42 16.6 13.9 20.9

71 33.3 27.8 41.8



#9

Benzaldehyde

Concen: 3.64 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

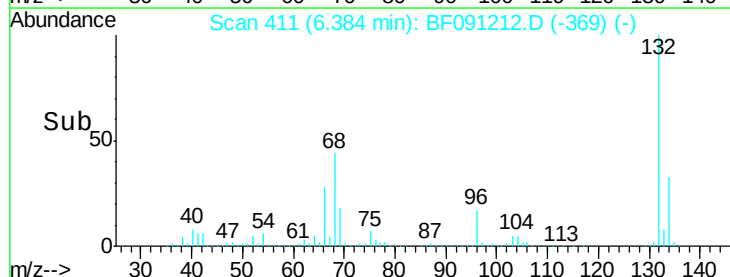
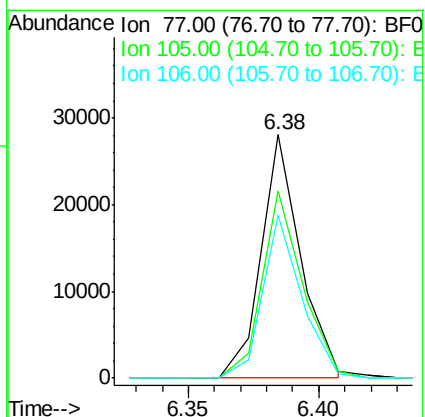
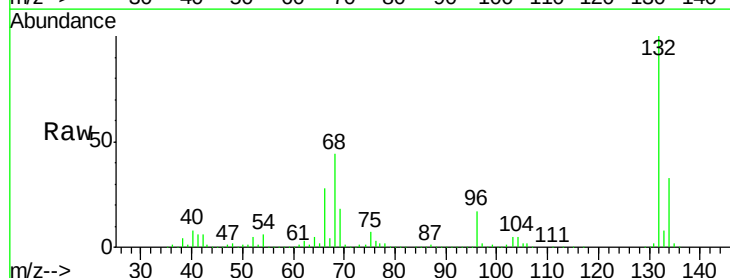
Tgt Ion: 77 Resp: 29623

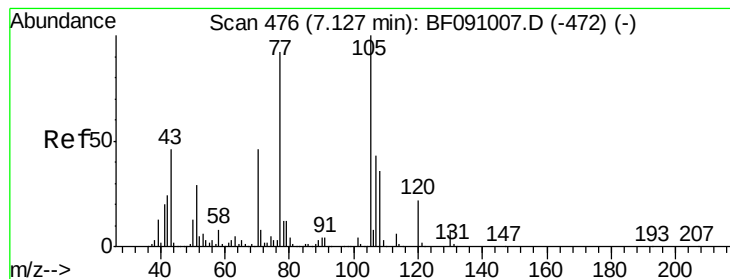
Ion Ratio Lower Upper

77 100

105 77.1 66.8 106.8

106 67.1 64.0 104.0





#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Instrument :

BNA_F

ClientSampleId :

PB94770BL

Tgt Ion: 70 Resp: 152641

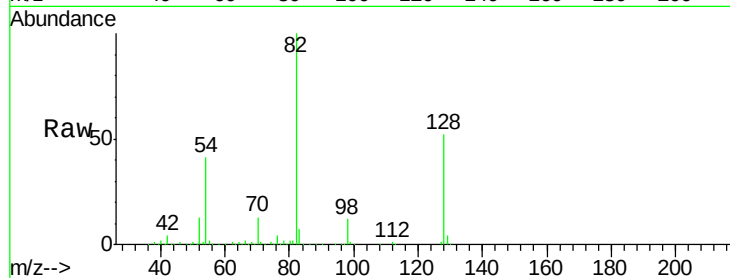
Ion Ratio Lower Upper

70 100

42 33.1 41.7 62.5#

101 0.0 6.7 10.1#

130 2.5 13.8 20.8#

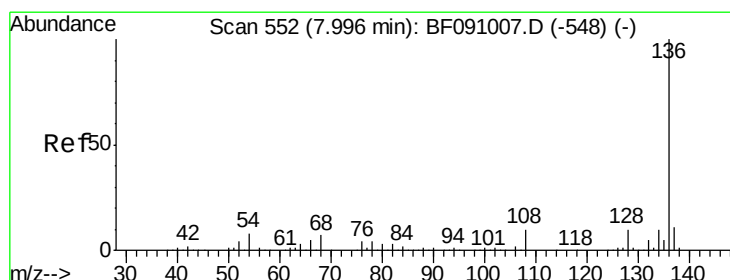
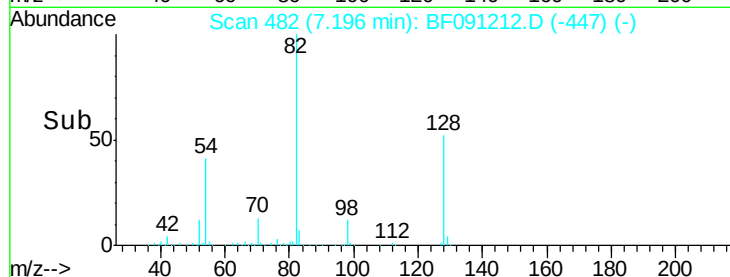
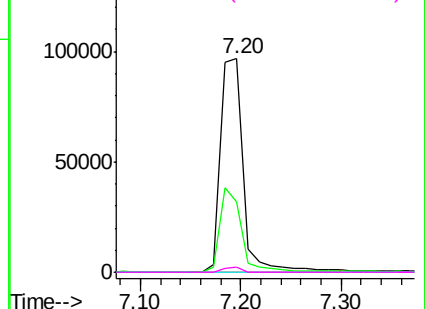


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091212.D

Acq: 17 Nov 2016 15:13

Tgt Ion: 136 Resp: 759176

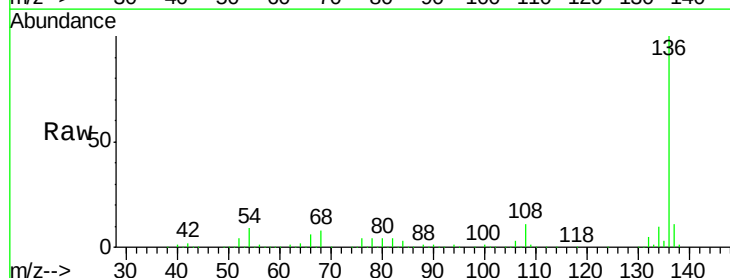
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.2 9.2

68 7.9 5.5 8.3

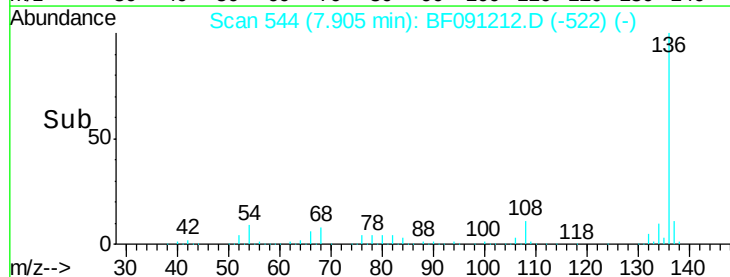
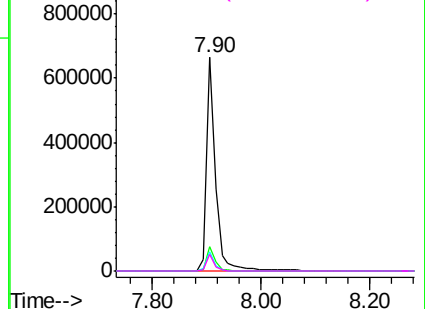


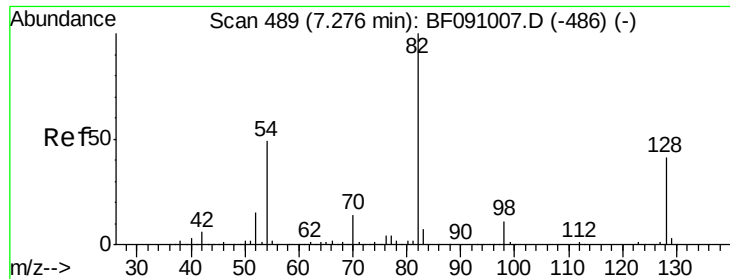
Abundance Ion 136.00 (135.70 to 136.70): E

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

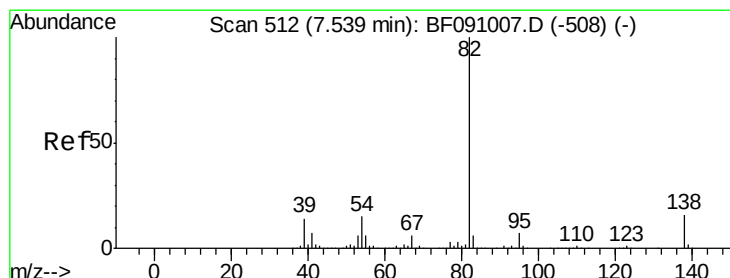
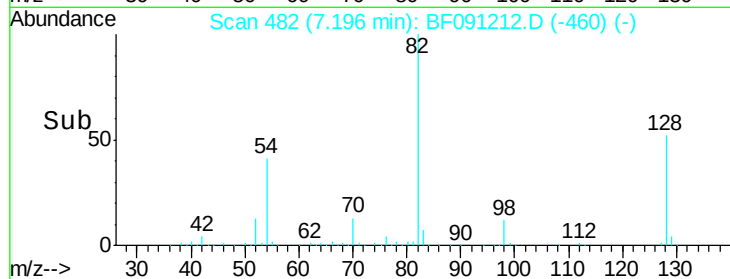
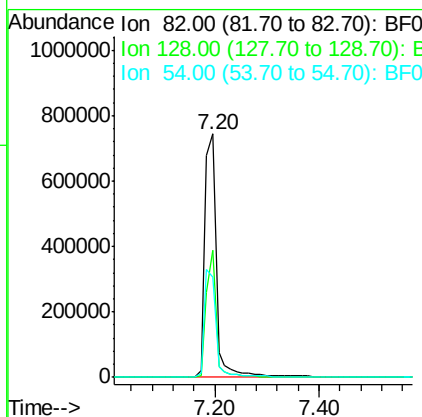
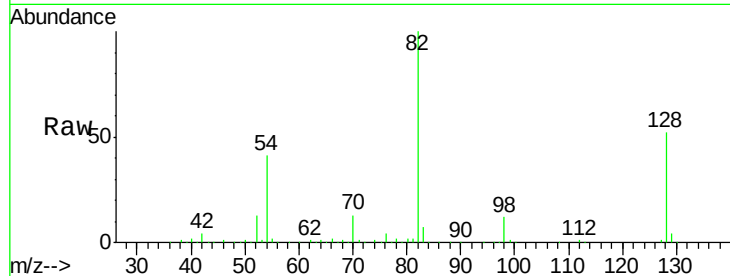




#23
 Nitrobenzene-d5
 Concen: 83.25 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

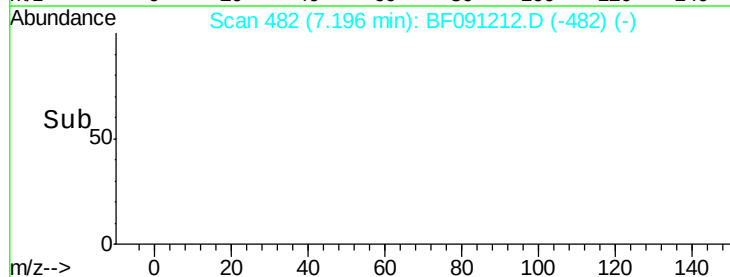
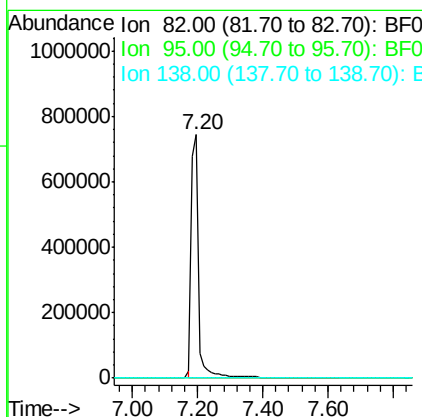
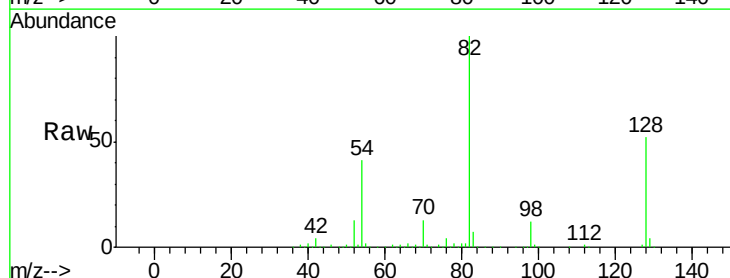
Instrument :
 BNA_F
 ClientSampleID :
 PB94770BL

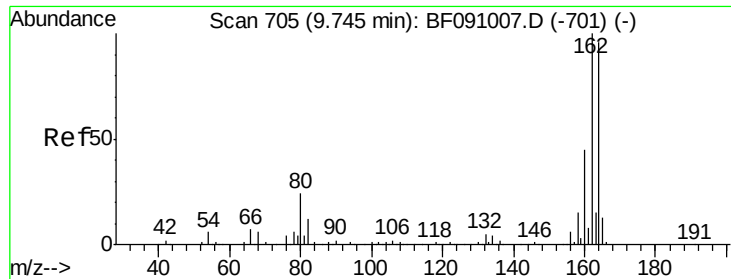
Tgt Ion: 82 Resp: 1158573
 Ion Ratio Lower Upper
 82 100
 128 52.0 32.4 48.6#
 54 41.0 39.2 58.8



#25
 Isophorone
 Concen: 42.47 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.30 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion: 82 Resp: 1138942
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

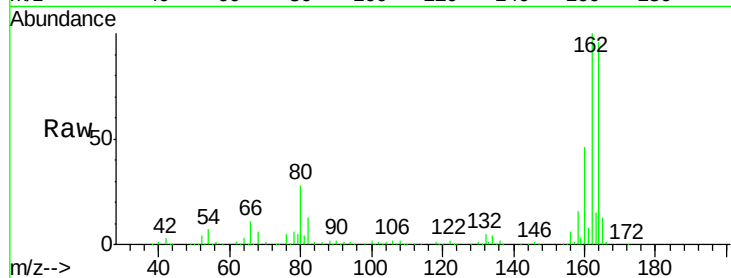




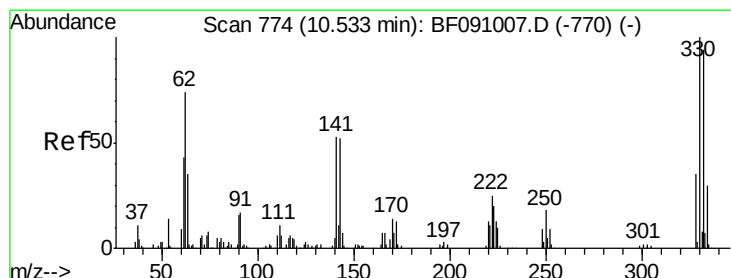
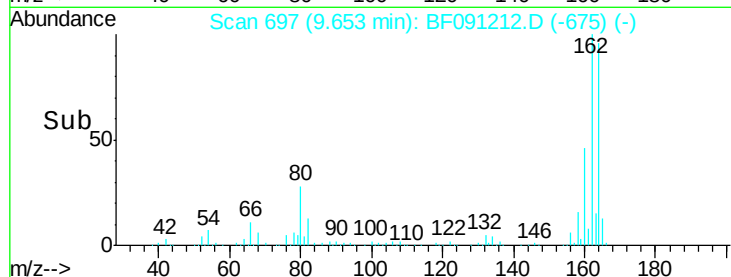
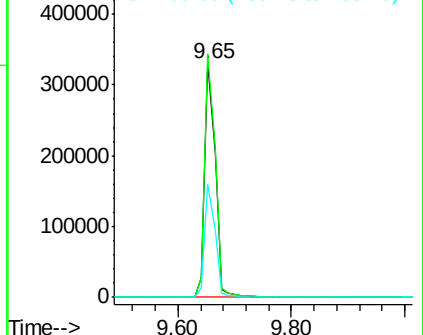
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Tgt Ion:164 Resp: 407724
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.6 125.4
 160 48.2 37.9 56.9

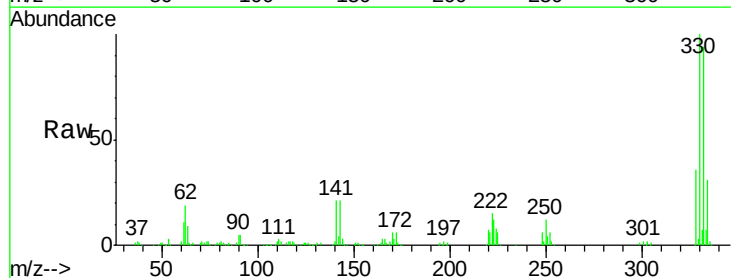


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

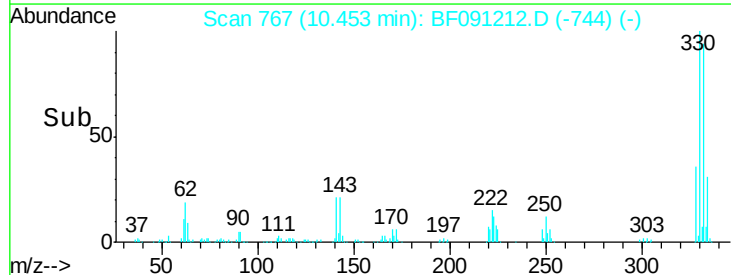
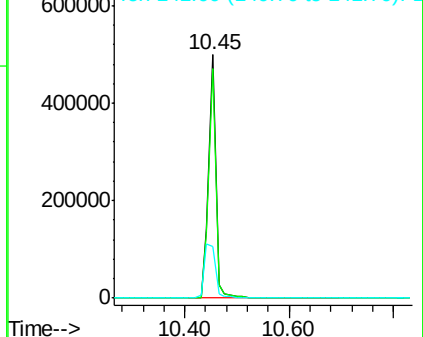


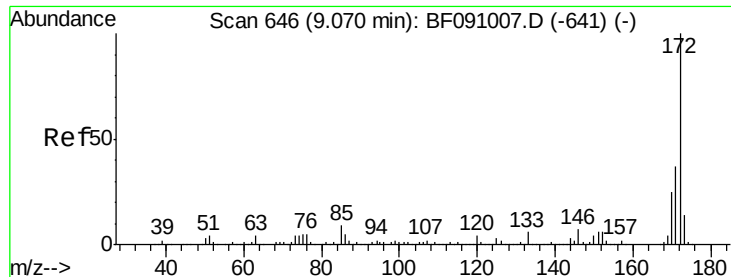
#41
 2,4,6-Tribromophenol
 Concen: 131.69 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:330 Resp: 485422
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.9 113.9
 141 34.6 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

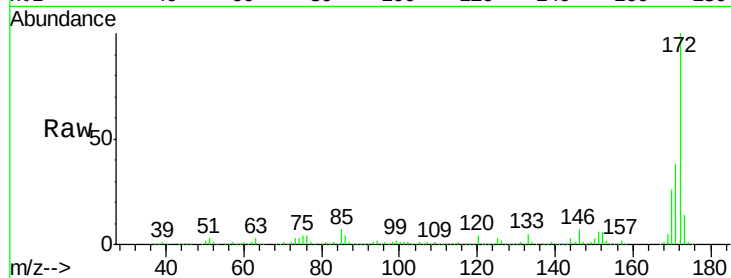




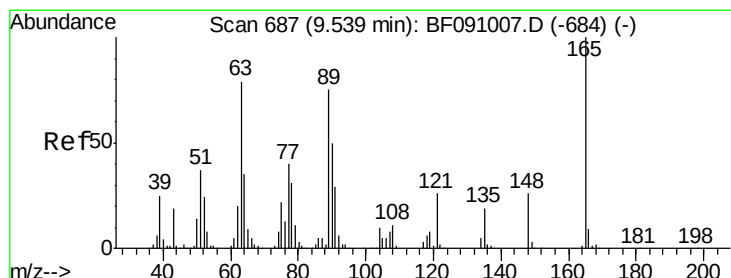
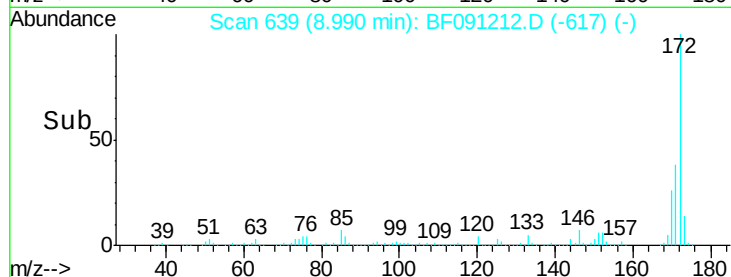
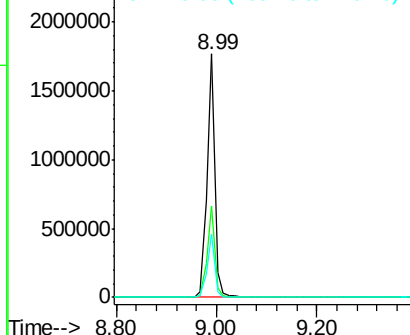
#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1927899
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.9 20.3 30.5

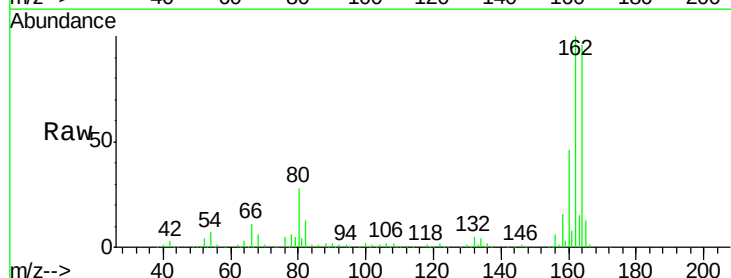


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

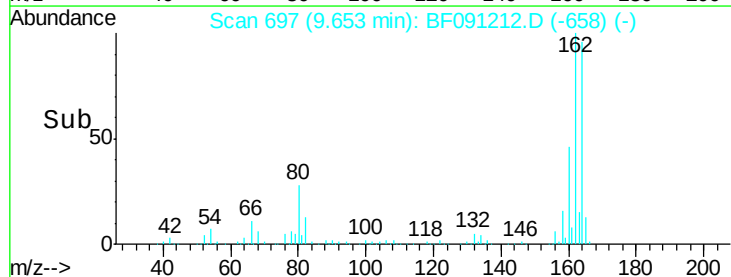
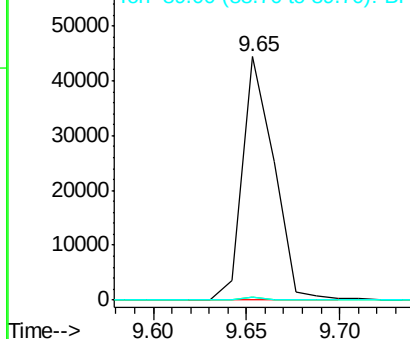


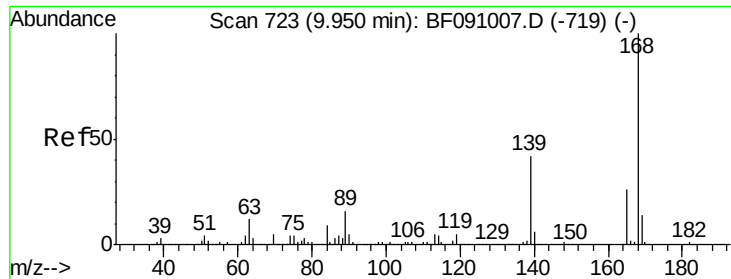
#50
 2,6-Dinitrotoluene
 Concen: 9.08 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:165 Resp: 52033
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.3 59.8 89.6#



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

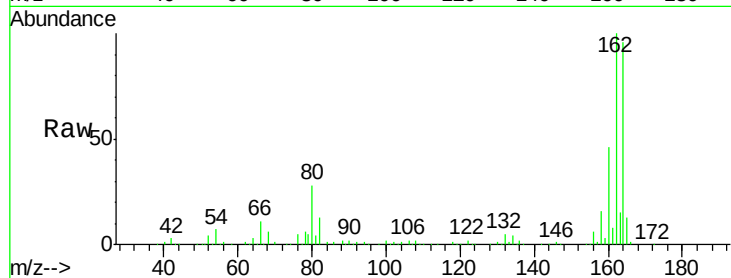




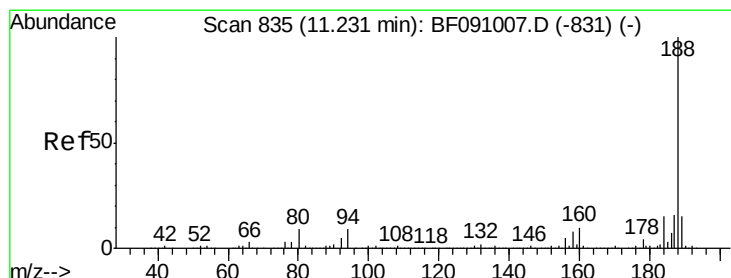
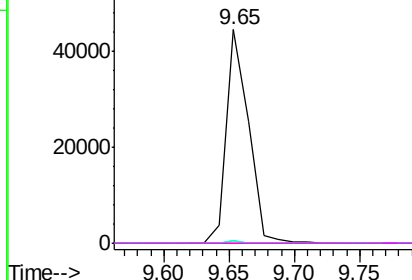
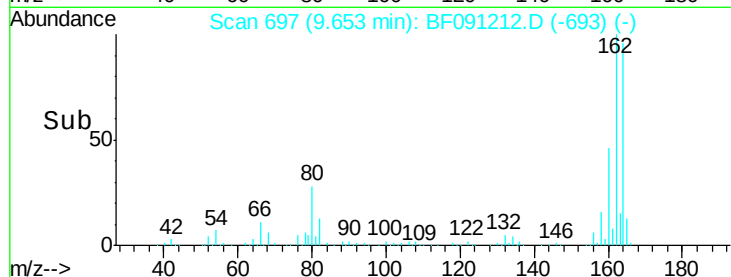
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Tgt Ion:165 Resp: 52285
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.3 50.6 76.0#
 182 0.0 1.8 2.8#

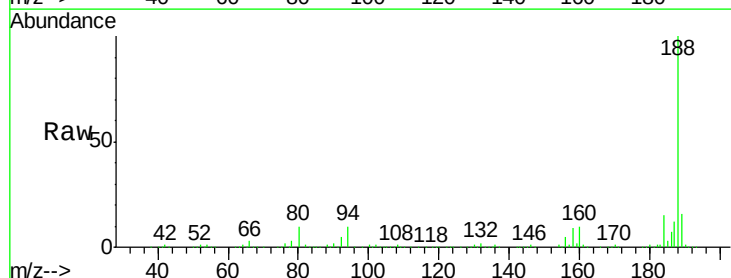


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

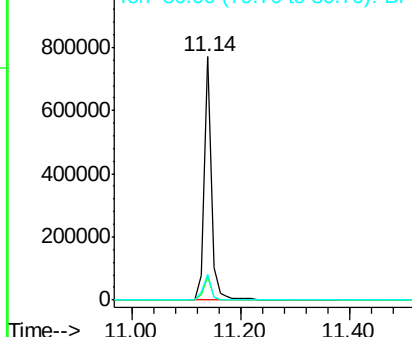
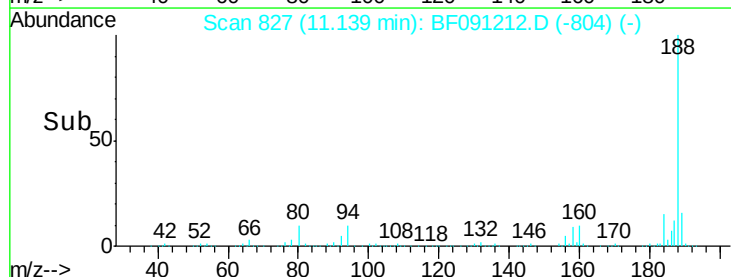


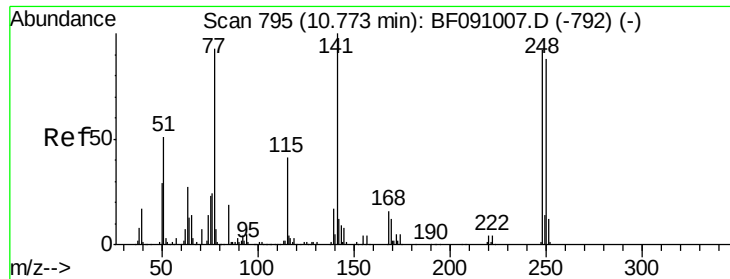
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:188 Resp: 703446
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.4
 80 10.5 7.5 11.3



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

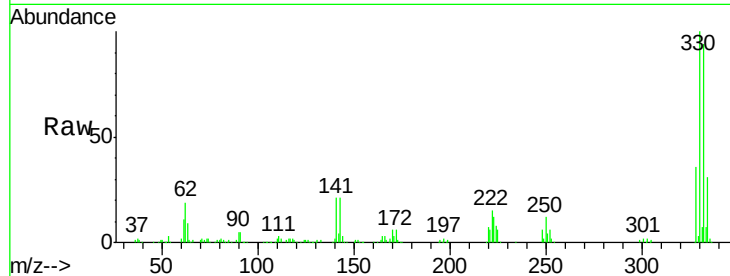




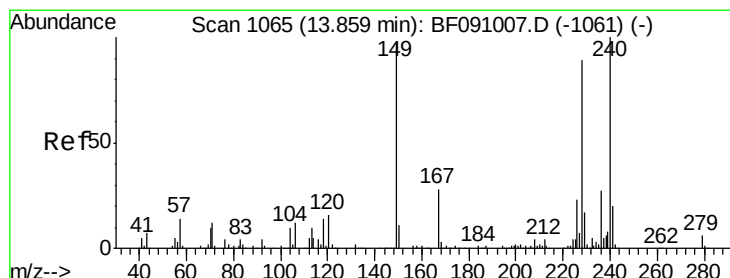
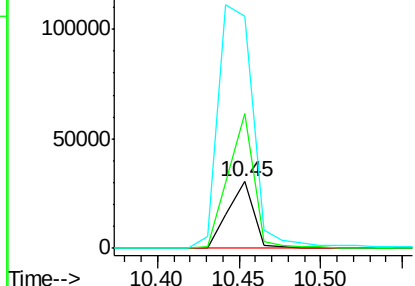
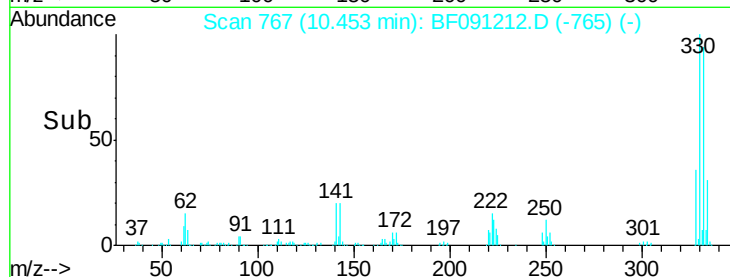
#66
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.27 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampled :
 PB94770BL

Tgt Ion:248 Resp: 33327
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.3 114.5#
 141 347.2 86.8 130.2#

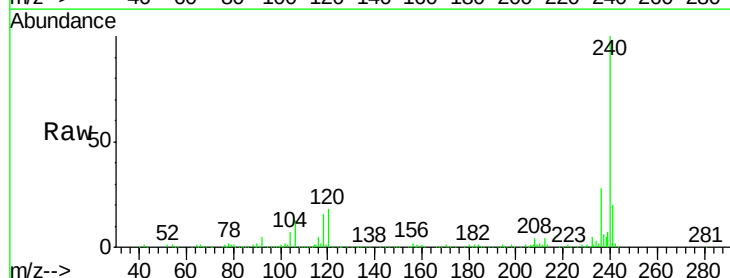


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

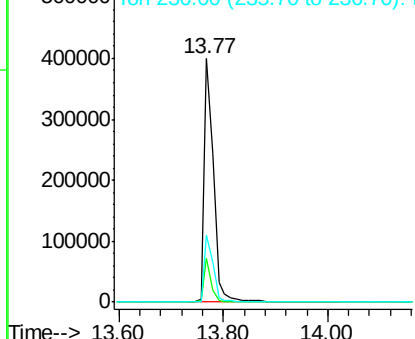
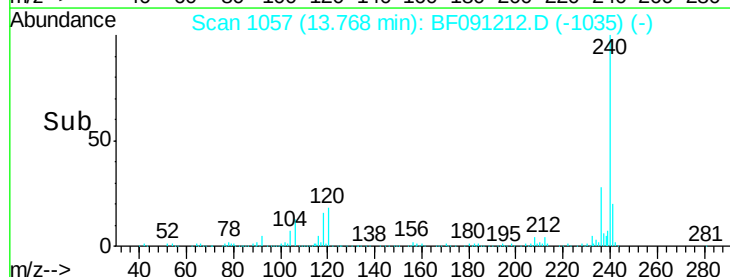


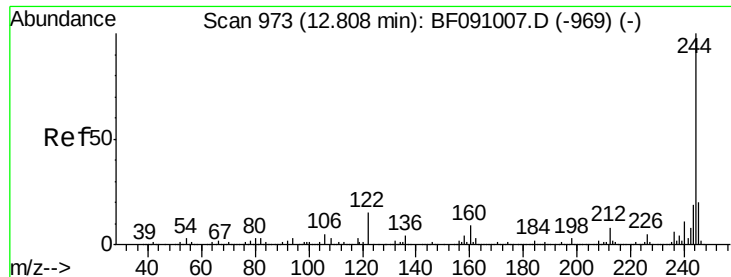
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:240 Resp: 500472
 Ion Ratio Lower Upper
 240 100
 120 18.0 12.9 19.3
 236 27.7 21.9 32.9



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

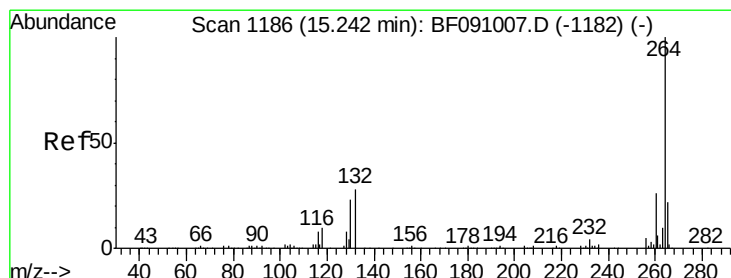
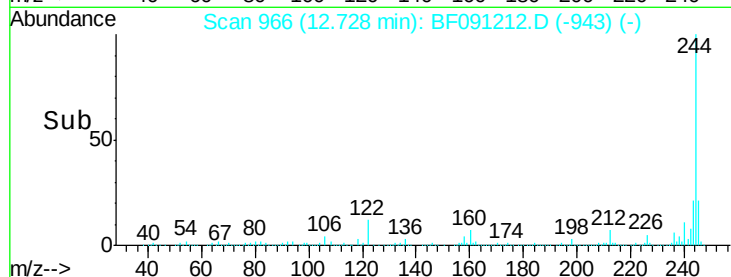
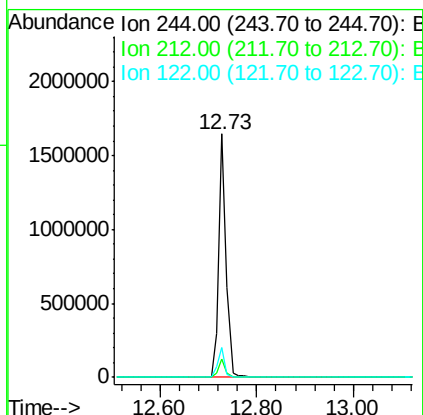
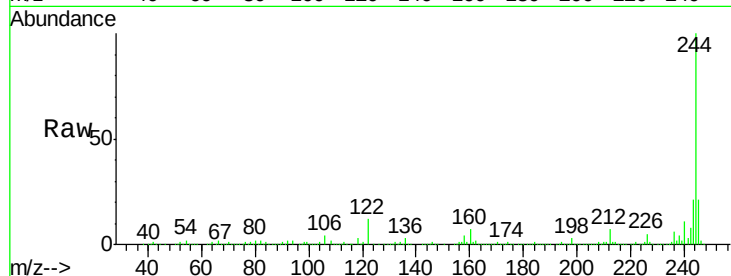




#78
 Terphenyl-d14
 Concen: 90.27 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94770BL

Tgt Ion:244 Resp: 1810410
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 12.3 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091212.D
 Acq: 17 Nov 2016 15:13

Tgt Ion:264 Resp: 366067
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.8 17.8 26.8

