

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097911.D
 Acq On : 21 Aug 2017 18:00
 Operator : SJ/JU
 Sample : PB101695BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

Quant Time: Aug 22 03:57:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

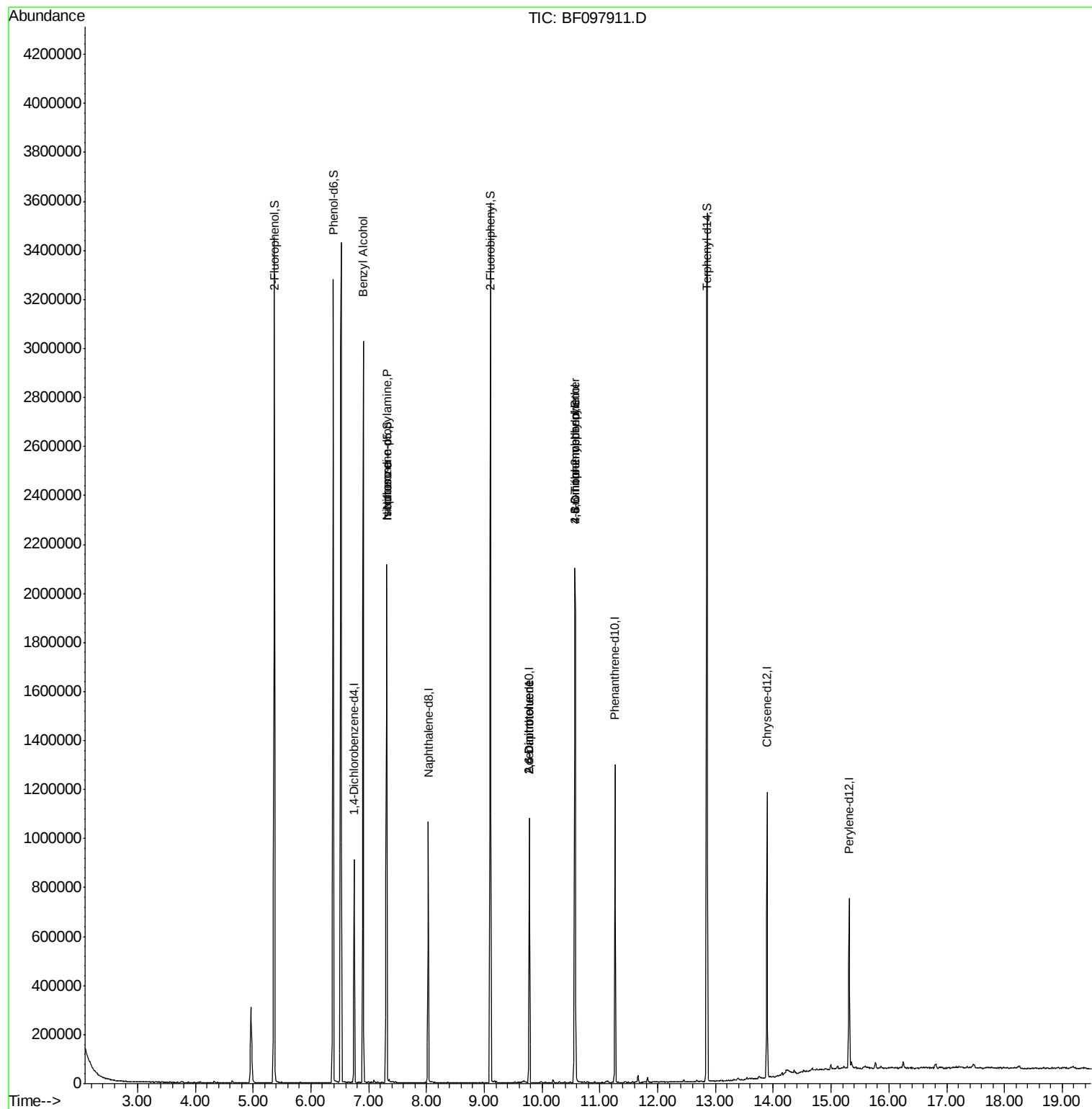
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116841	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	468710	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	209128	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	424946	20.00	ng	0.00
75) Chrysene-d12	13.89	240	392263	20.00	ng	0.00
86) Perylene-d12	15.32	264	312161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1067643	138.99	ng	0.02
7) Phenol-d6	6.39	99	1446140	138.56	ng	0.00
23) Nitrobenzene-d5	7.31	82	911369	105.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	288323	158.90	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1320466	92.77	ng	0.00
78) Terphenyl-d14	12.86	244	1226349	65.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	15946	2.04	ng	# 37
19) n-Nitroso-di-n-propylamine	7.31	70	124799	17.47	ng	# 72
25) Isophorone	7.31	82	904481	50.42	ng	# 67
50) 2,6-Dinitrotoluene	9.78	165	26786	8.78	ng	# 34
56) 2,4-Dinitrotoluene	9.78	165	26786	6.99	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.57	198	579	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	18973	4.30	ng	# 1

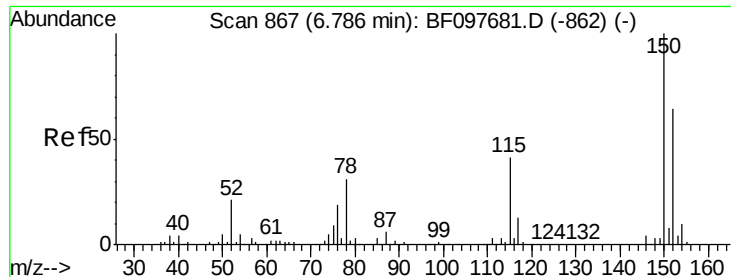
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

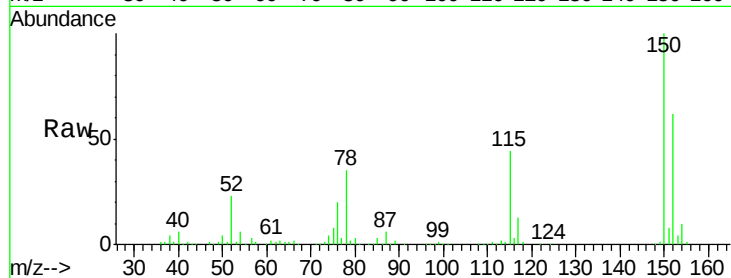
Tot Ion:152 Resp: 116841

Ion Ratio Lower Upper

152 100

150 160.6 126.2 189.2

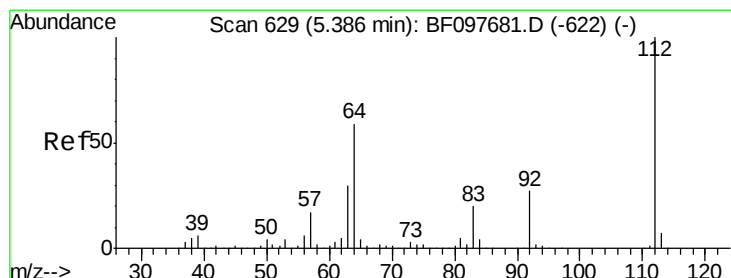
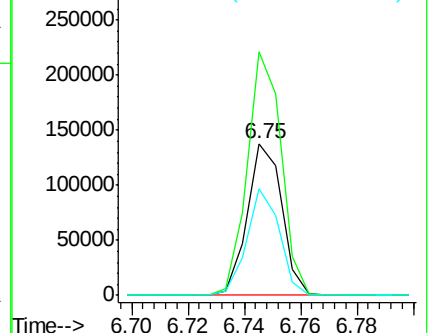
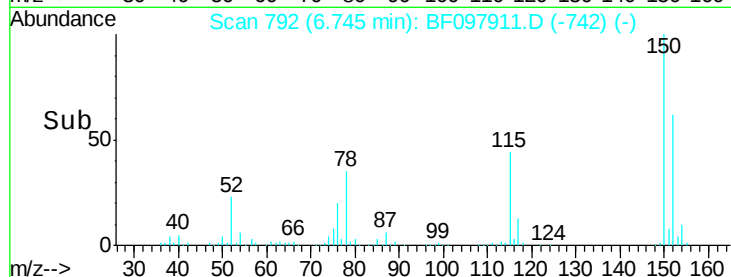
115 70.1 52.2 78.2



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: 138.99 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

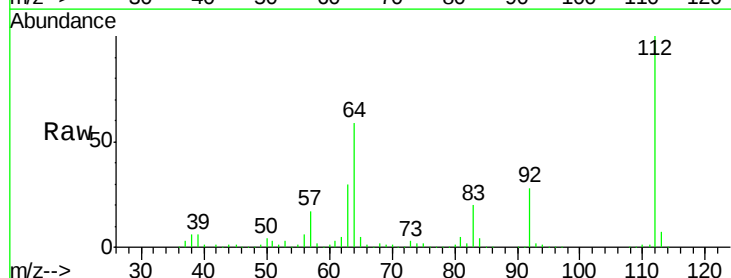
Tgt Ion:112 Resp: 1067643

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

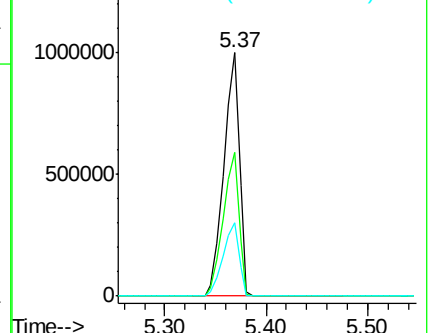
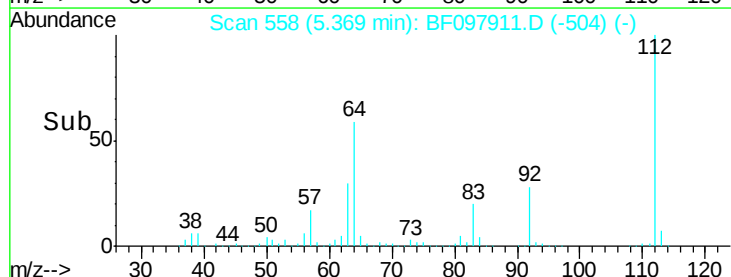
63 30.1 23.4 35.0

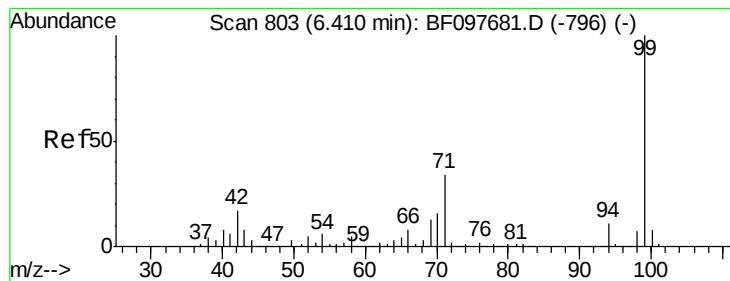


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.56 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

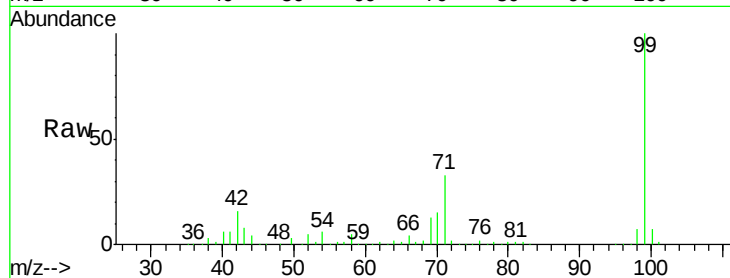
Tot Ion: 99 Resp: 1446140

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

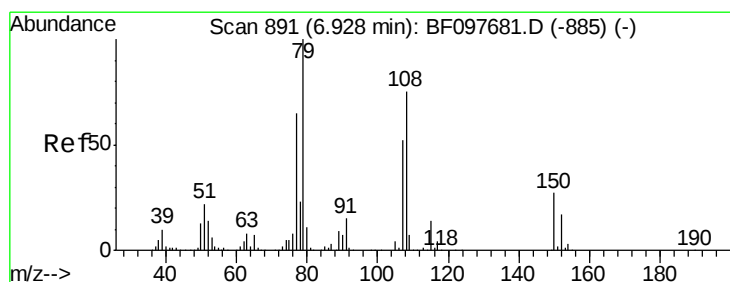
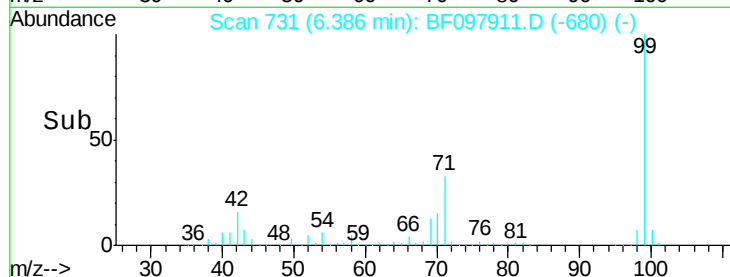
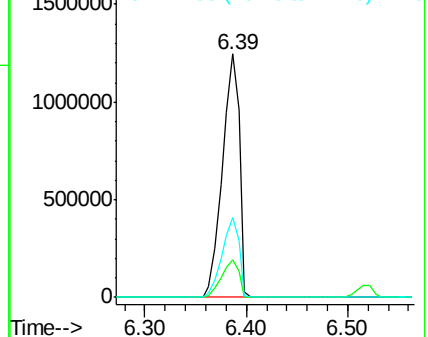
71 33.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

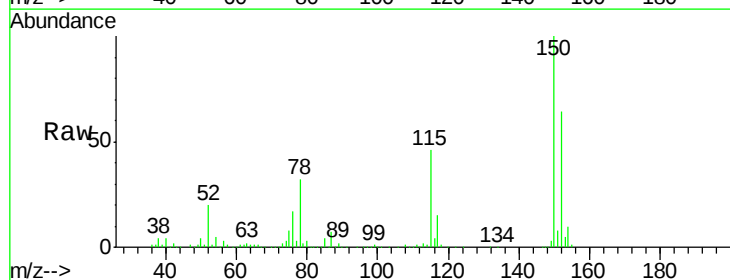
Tgt Ion: 79 Resp: 15946

Ion Ratio Lower Upper

79 100

108 33.9 63.4 95.0#

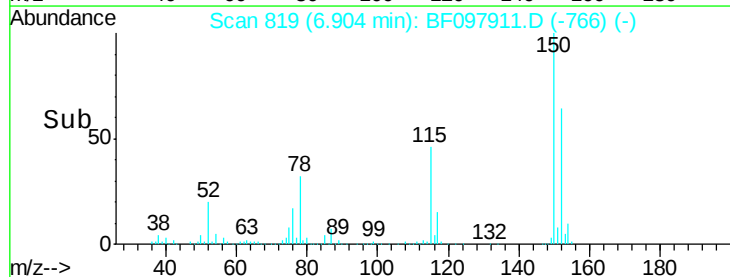
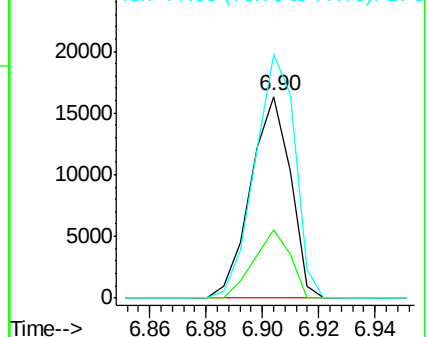
77 120.7 49.2 73.8#

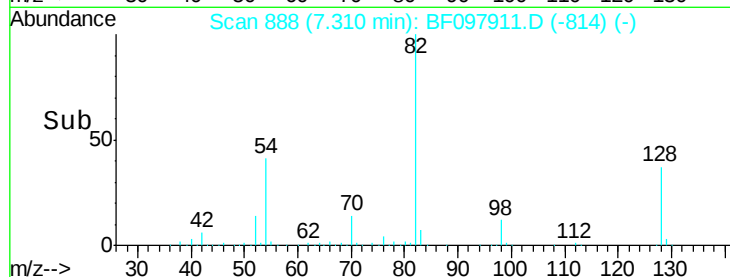
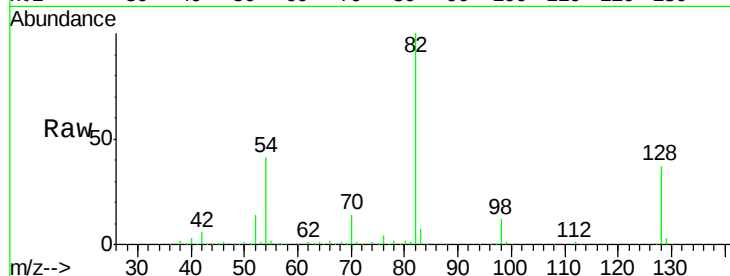
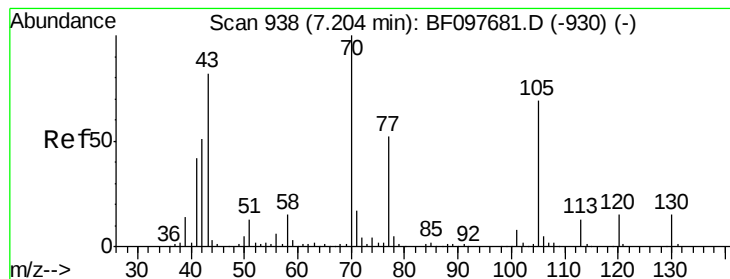


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

Tot Ion: 70 Resp: 124799

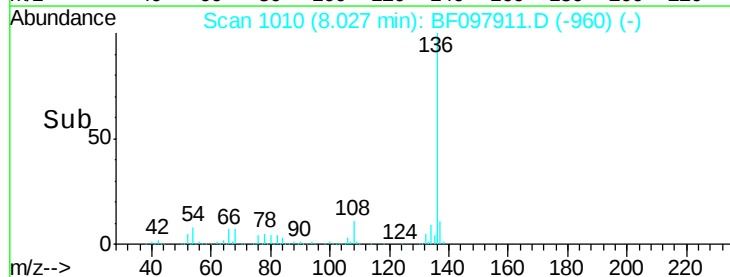
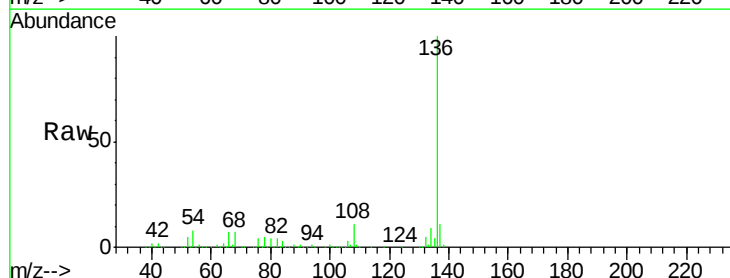
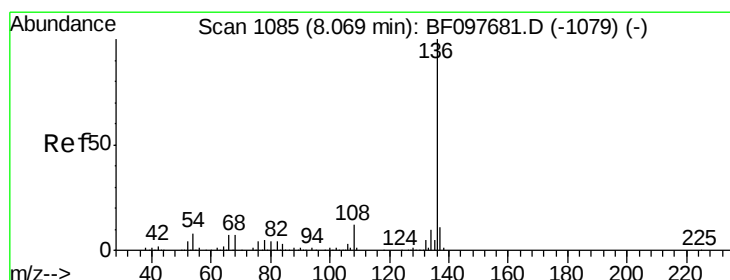
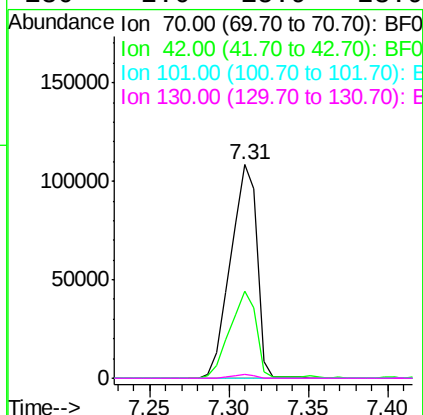
Ion Ratio Lower Upper

70 100

42 40.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Tgt Ion: 136 Resp: 468710

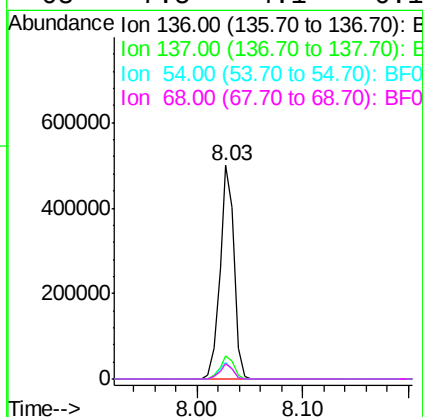
Ion Ratio Lower Upper

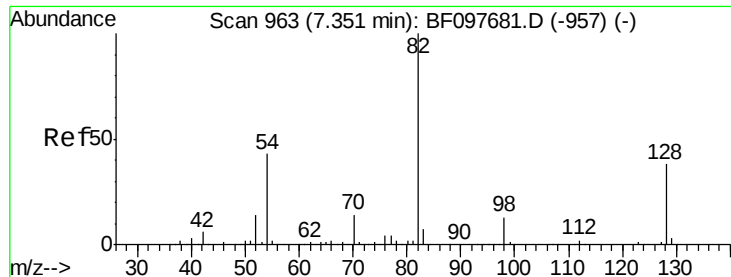
136 100

137 11.0 8.5 12.7

54 7.8 4.9 7.3#

68 7.5 4.1 6.1#

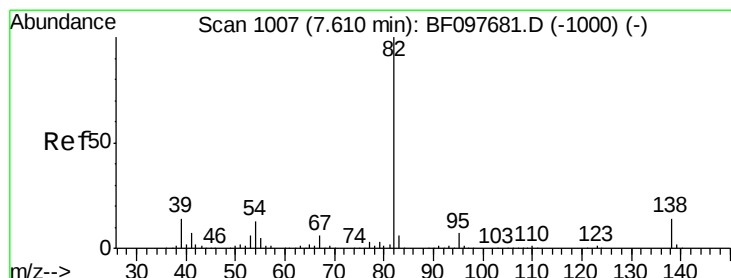
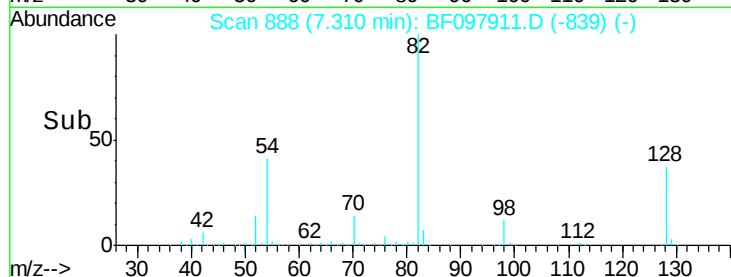
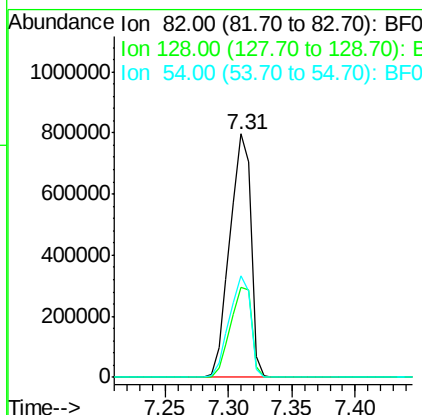
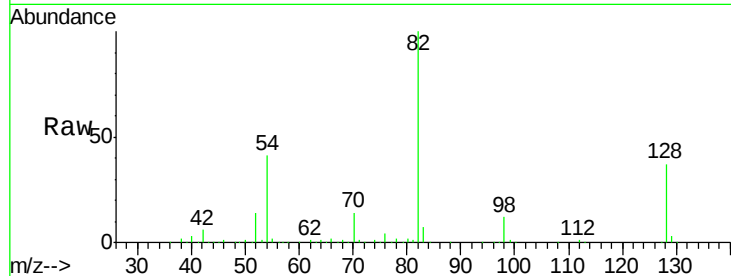




#23
 Nitrobenzene-d5
 Concen: 105.63 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

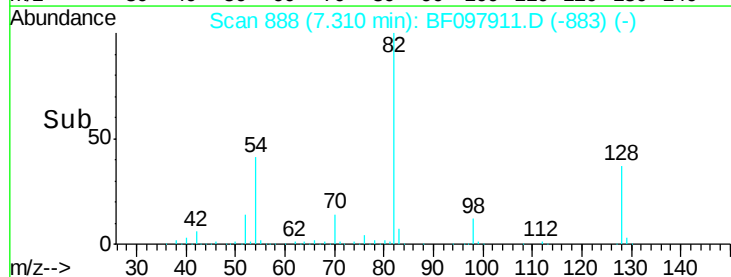
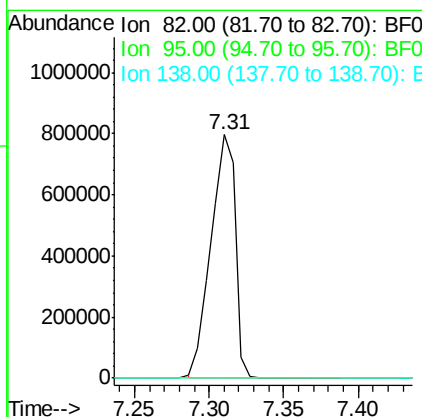
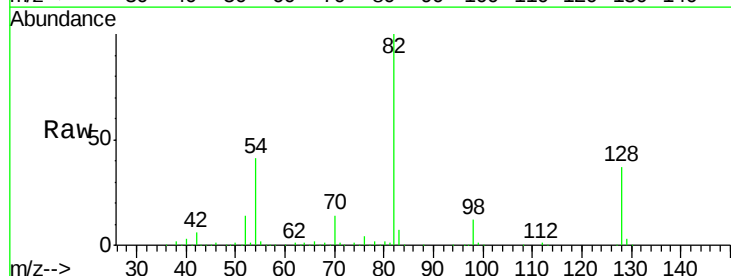
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

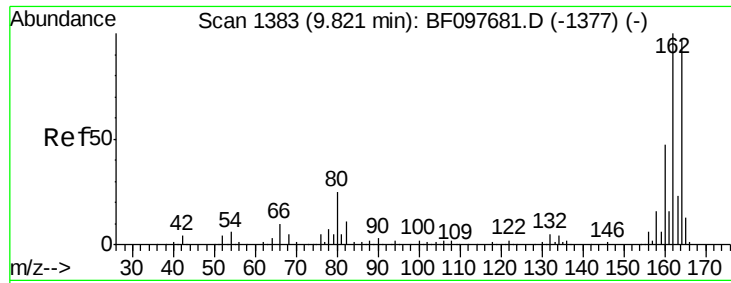
Tot Ion	82	Resp	911369
Ion Ratio	100	Lower	Upper
128	37.2	34.0	51.0
54	41.5	42.2	63.2#



#25
 Isophorone
 Concen: 50.42 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion	82	Resp	904481
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

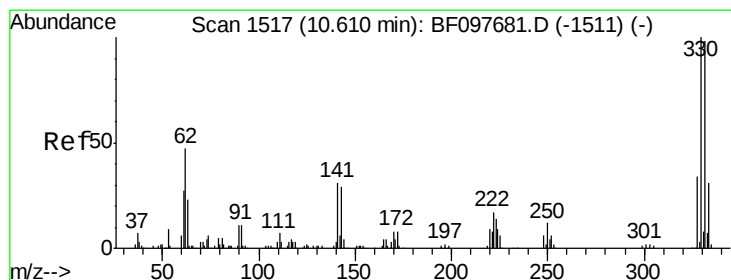
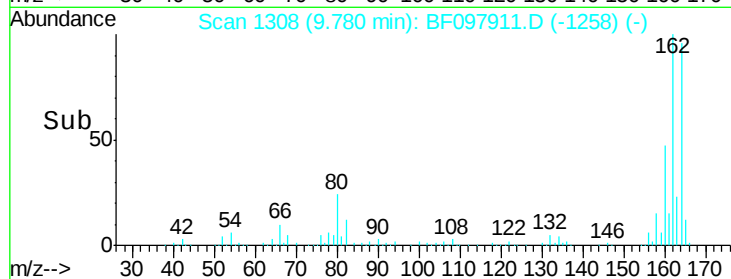
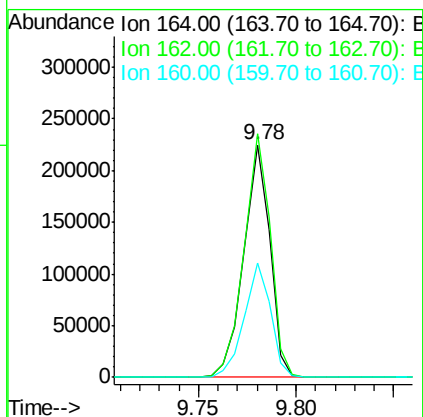
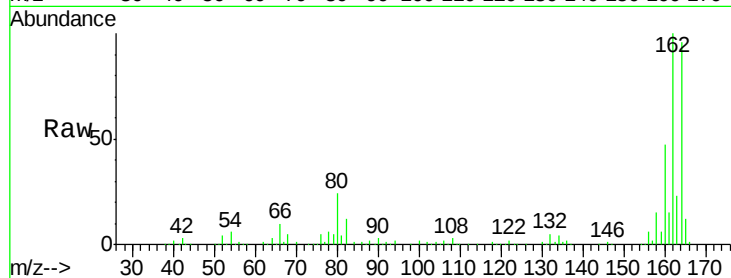




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

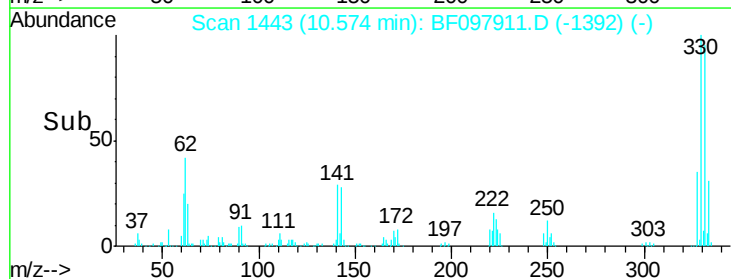
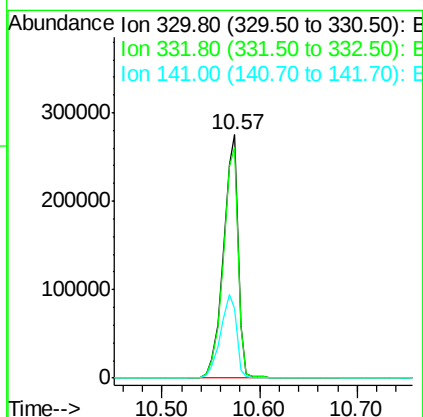
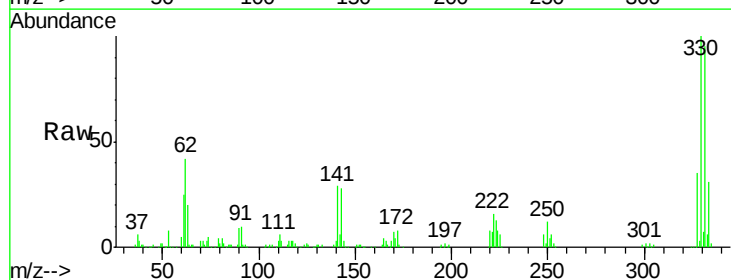
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

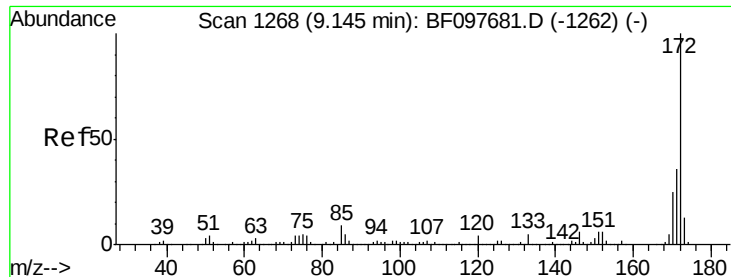
Tot Ion:164 Resp: 209128
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 49.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 158.90 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion:330 Resp: 288323
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2



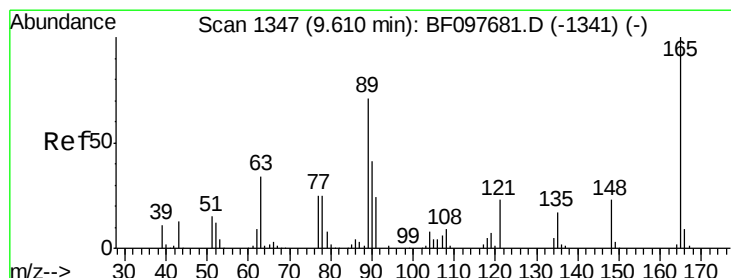
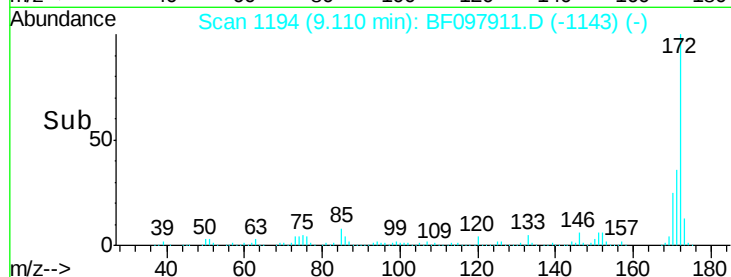
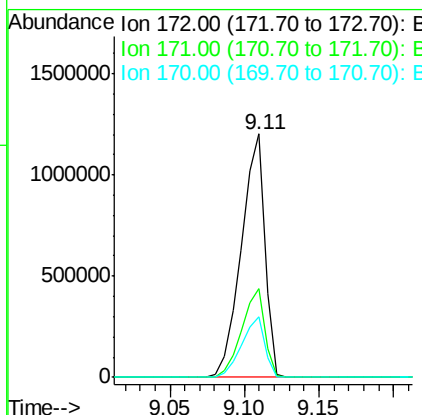
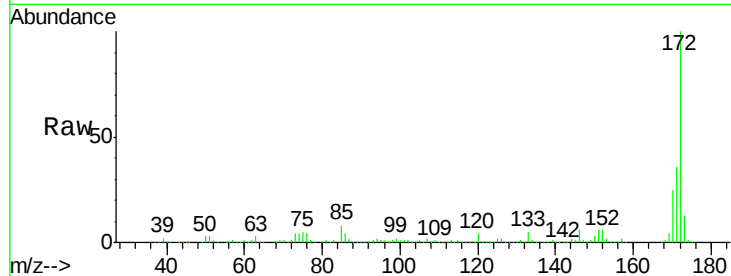


#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

Tot Ion:172 Resp: 1320466

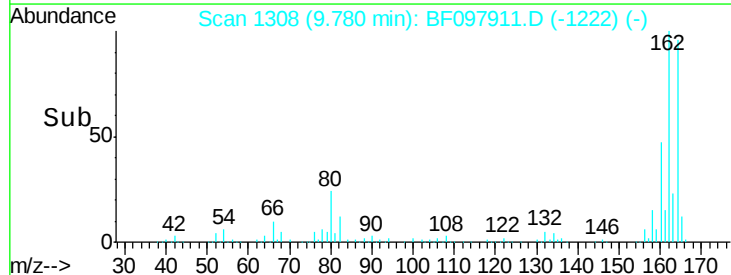
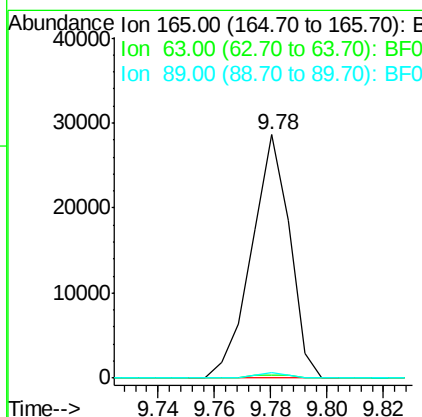
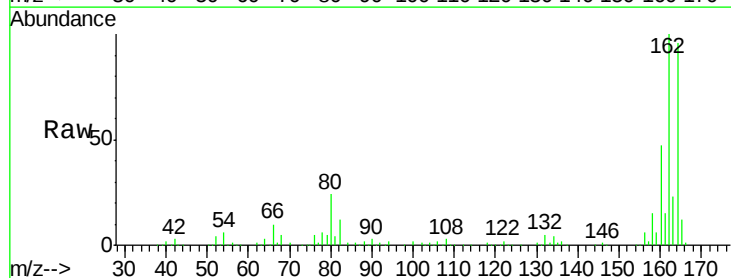
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8

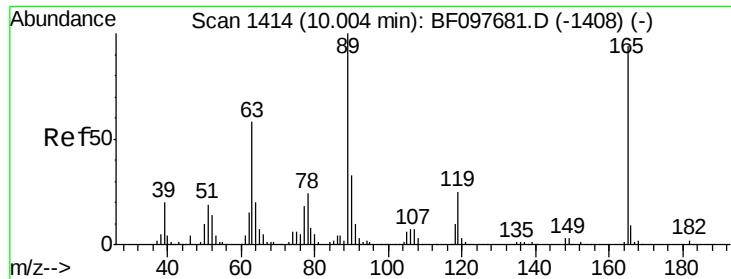


#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.21 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion:165 Resp: 26786

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	2.2	37.1	55.7#

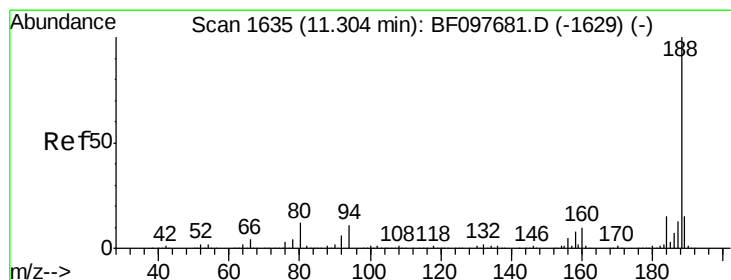
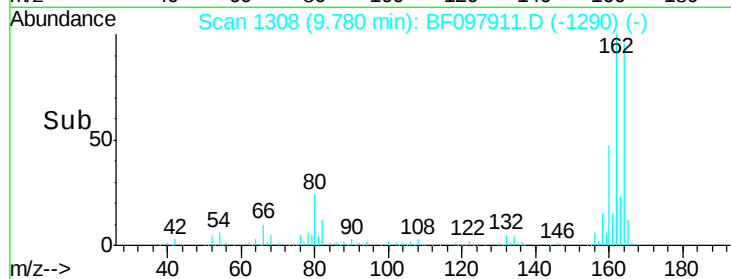
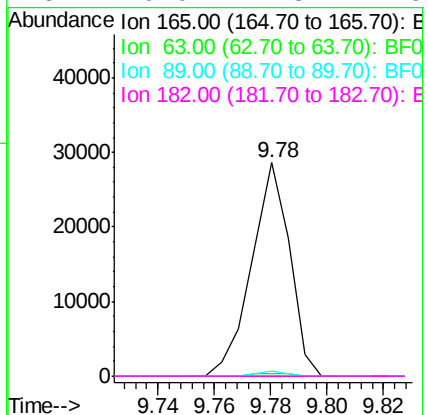
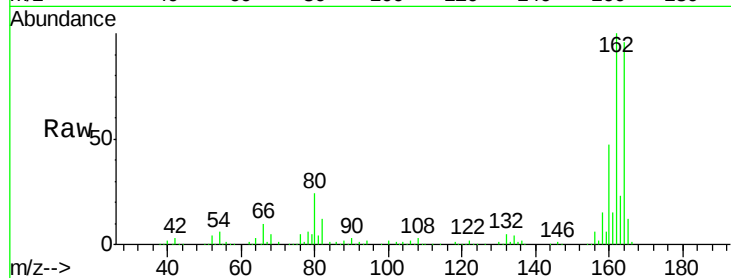




#56
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

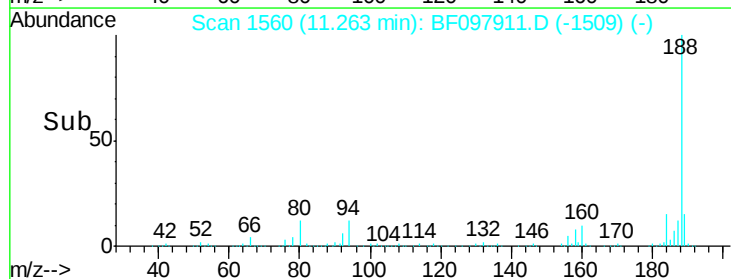
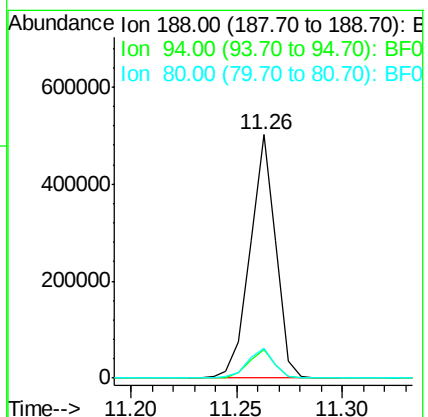
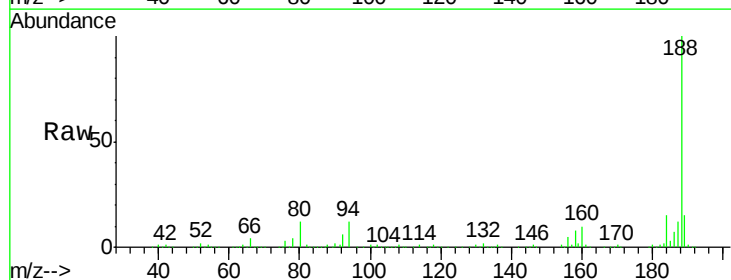
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

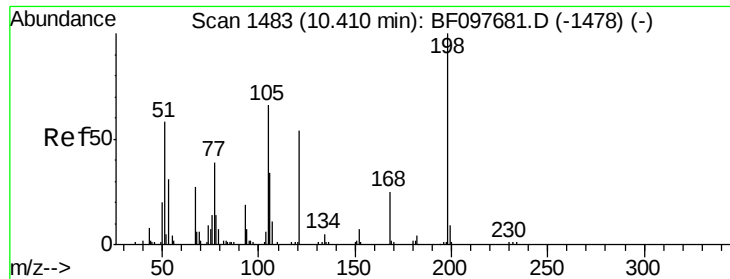
Tot Ion:165	Resp:	26786
Ion Ratio	Lower	Upper
165	100	
63	1.4	25.4 38.0#
89	2.2	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion:188	Resp:	424946
Ion Ratio	Lower	Upper
188	100	
94	11.6	9.4 14.2
80	12.1	10.2 15.2

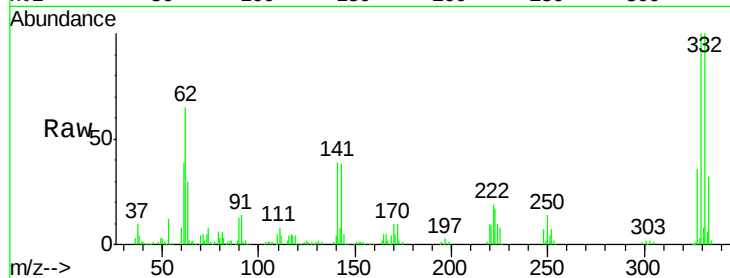




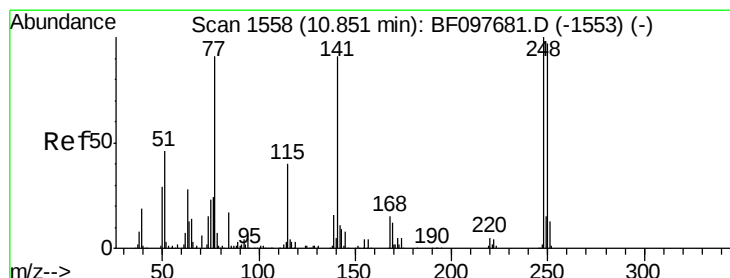
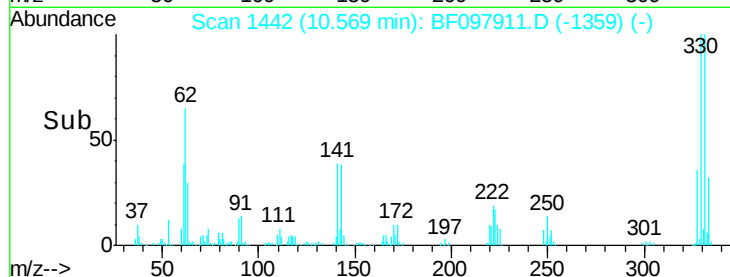
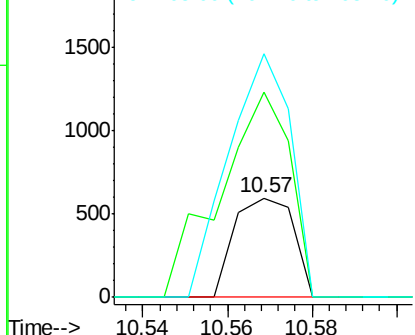
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.56 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

Tot Ion:198 Resp: 579
 Ion Ratio Lower Upper
 198 100
 51 206.7 53.2 93.2#
 105 245.6 45.8 85.8#

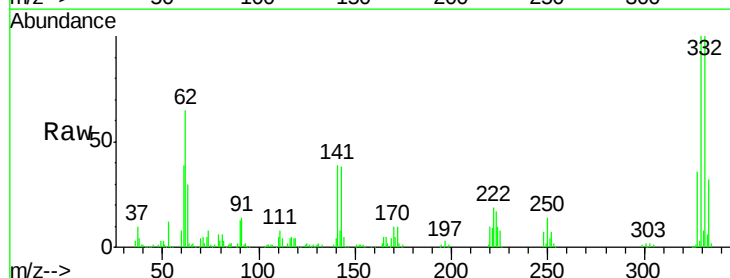


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

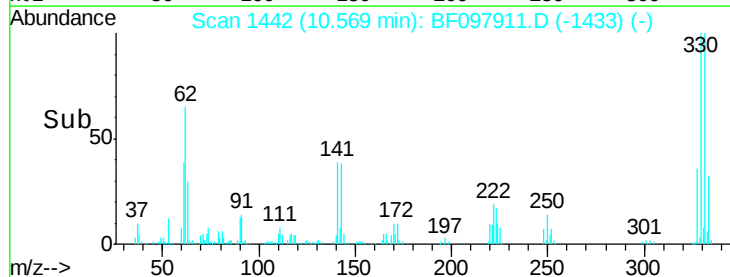
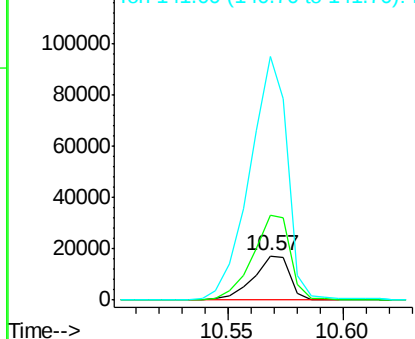


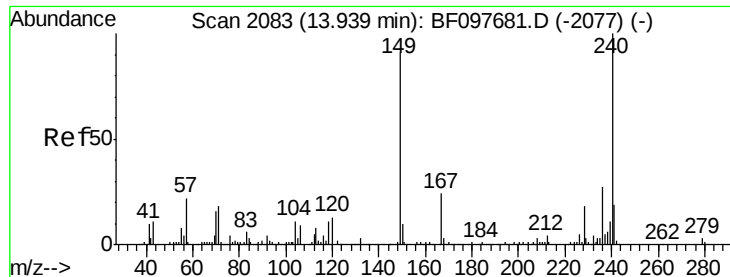
#66
 4-Bromophenyl-phenylether
 Concen: 4.30 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Tgt Ion:248 Resp: 18973
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.8 115.2#
 141 553.3 68.6 103.0#



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB101695BL

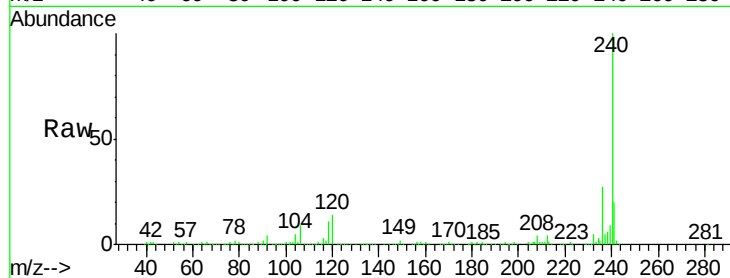
Tot Ion:240 Resp: 392263

Ion Ratio Lower Upper

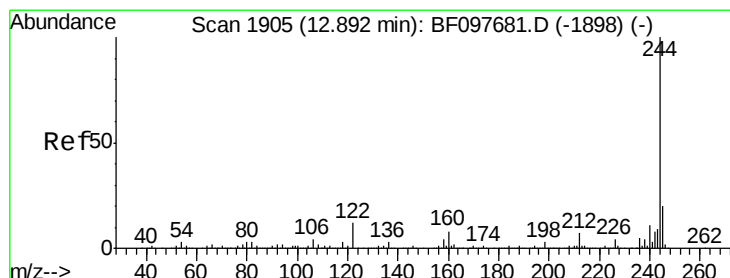
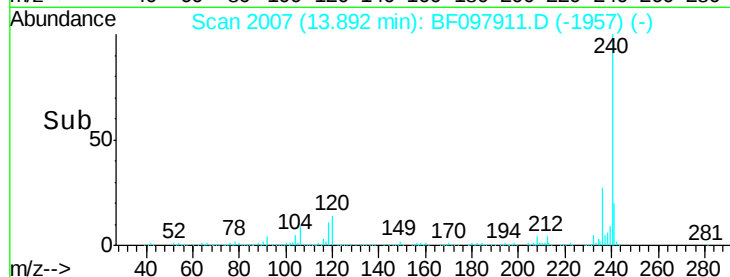
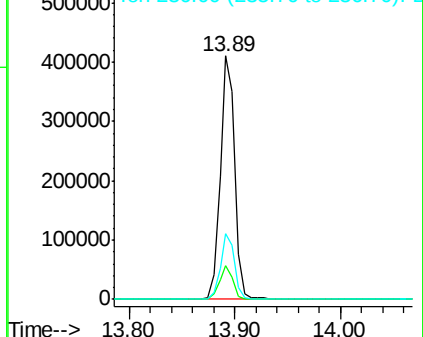
240 100

120 13.9 5.8 8.8#

236 26.9 20.5 30.7



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: 65.19 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097911.D

Acq: 21 Aug 2017 18:00

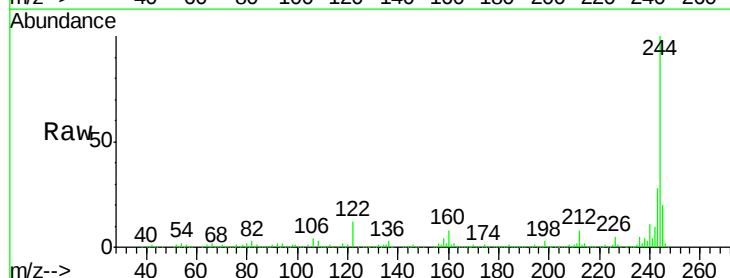
Tgt Ion:244 Resp: 1226349

Ion Ratio Lower Upper

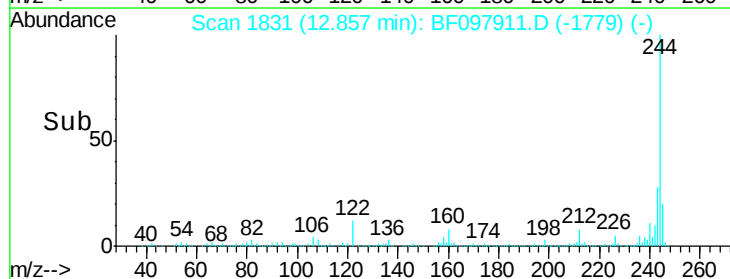
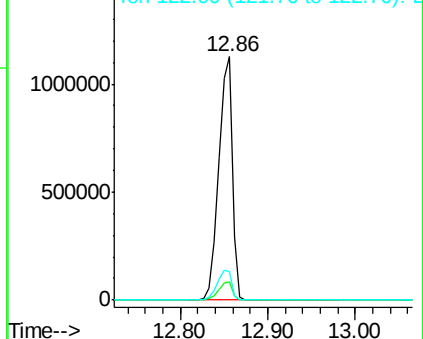
244 100

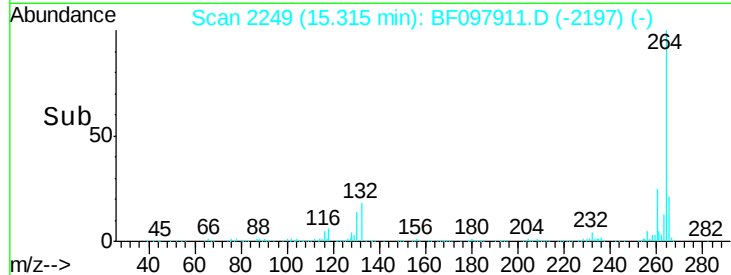
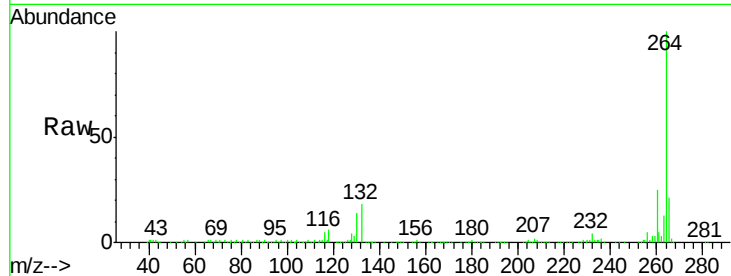
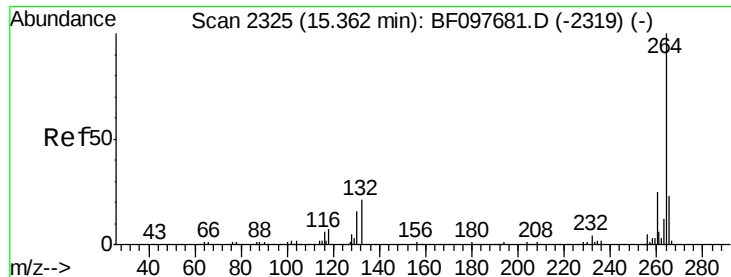
212 7.7 6.0 9.0

122 11.9 10.3 15.5



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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097911.D
 Acq: 21 Aug 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BL

Tot Ion:	264	Resp:	312161
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.1	17.2	25.8

