

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100212.D
 Acq On : 5 Nov 2017 6:52
 Operator : SJ/JU
 Sample : I6327-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:58:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

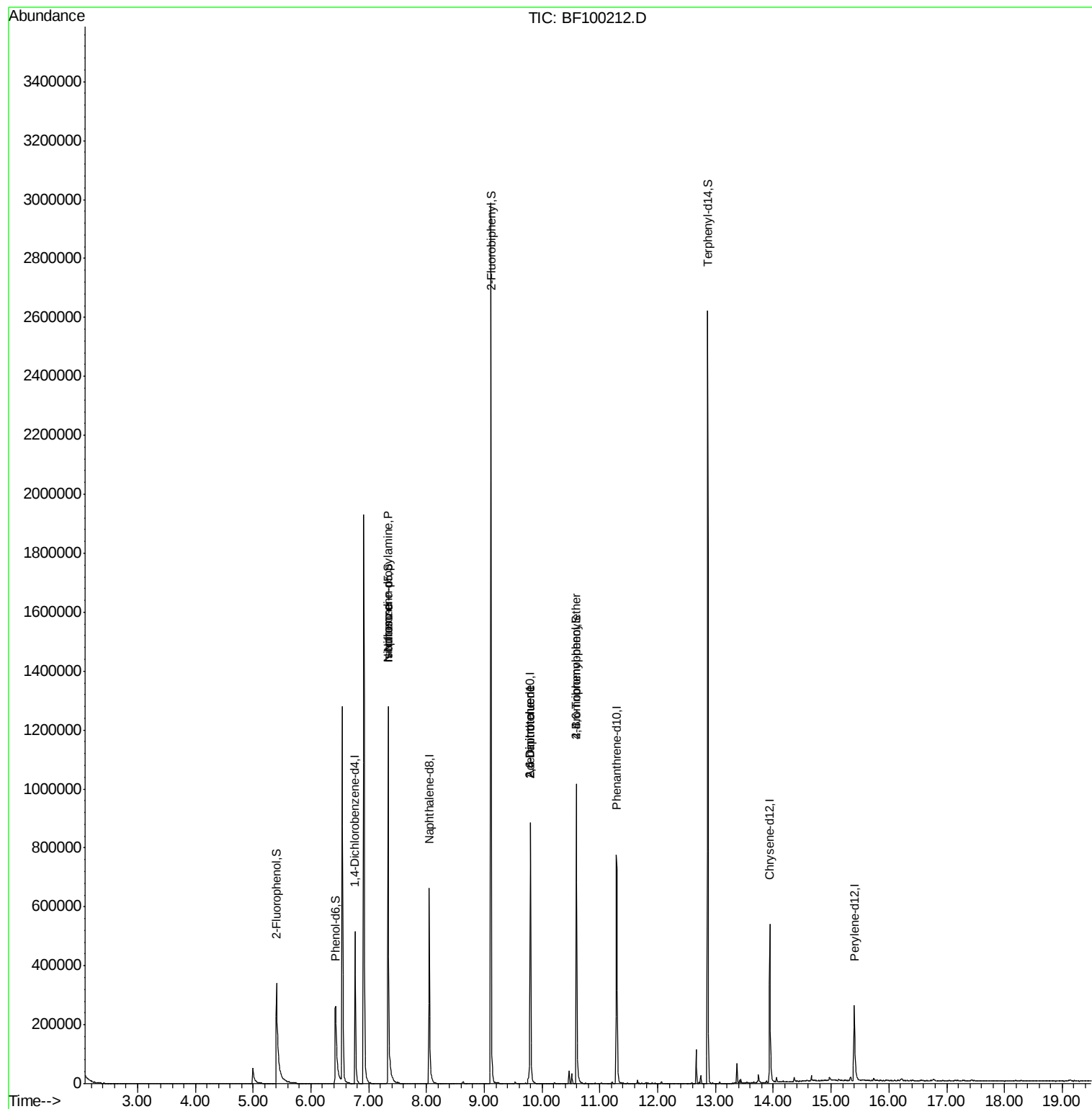
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97333	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	399269	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	190521	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	341255	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	216156	20.00	ng	-0.01
86) Perylene-d12	15.40	264	152454	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	268778	43.35	ng	0.01
7) Phenol-d6	6.43	99	238176	32.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	526657	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	146219	84.22	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1042386	84.41	ng	-0.01
78) Terphenyl-d14	12.87	244	965095	97.57	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	63763	14.801	ng	# 69
25) Isophorone	7.34	82	526657	46.800	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	24136	7.610	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	24136	6.319	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	9546	2.657	ng	# 1

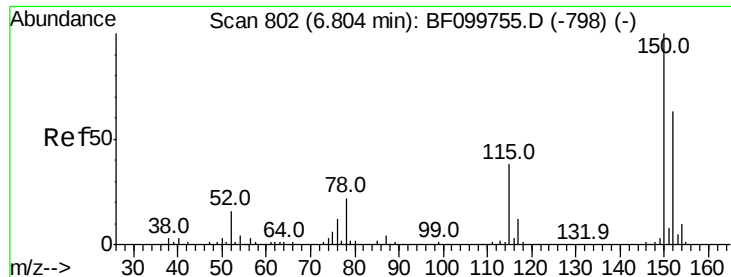
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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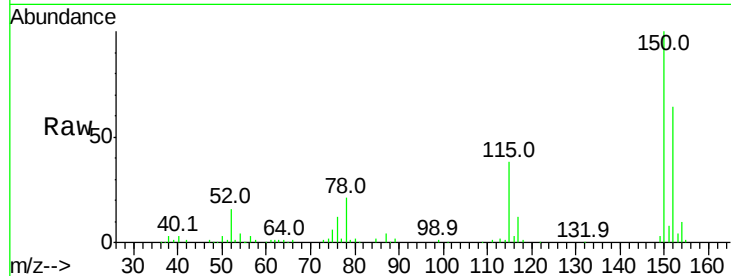


#1

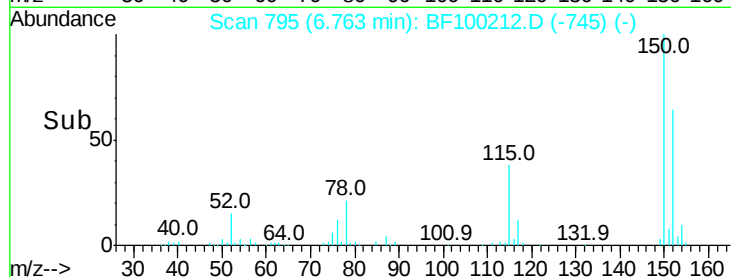
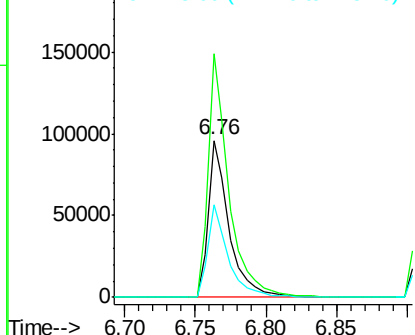
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97333
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.2 50.1 75.1



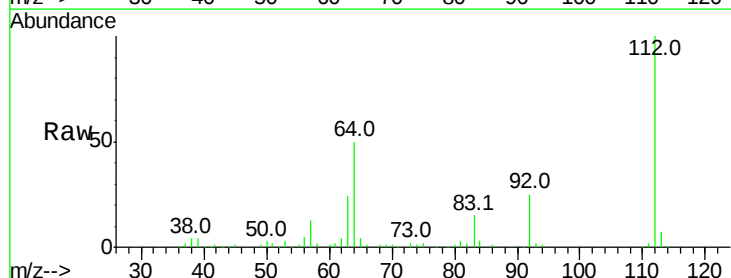
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



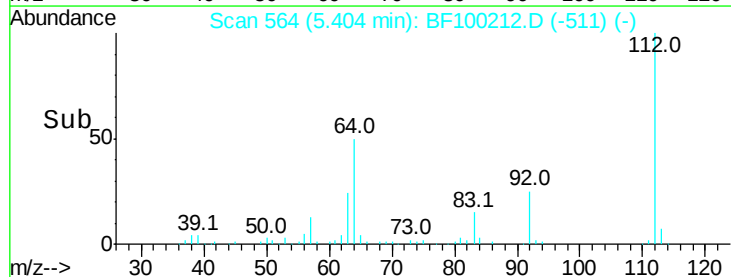
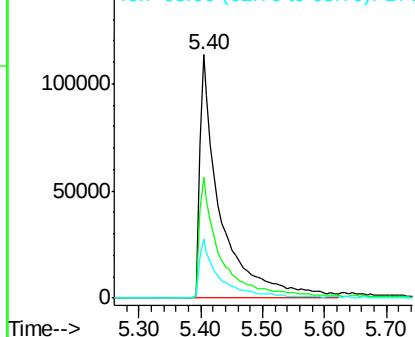
#5

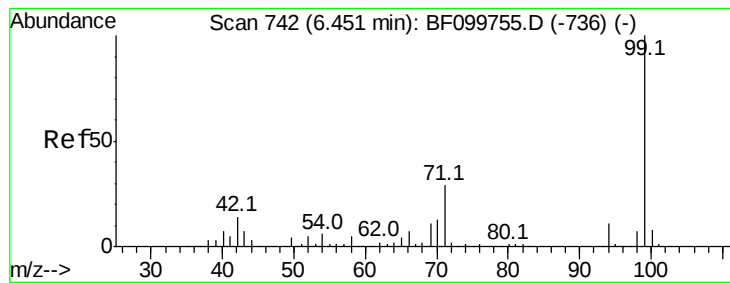
2-Fluorophenol
Concen: 43.353 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Tgt Ion:112 Resp: 268778
Ion Ratio Lower Upper
112 100
64 49.8 47.9 71.9
63 24.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.400 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampled :

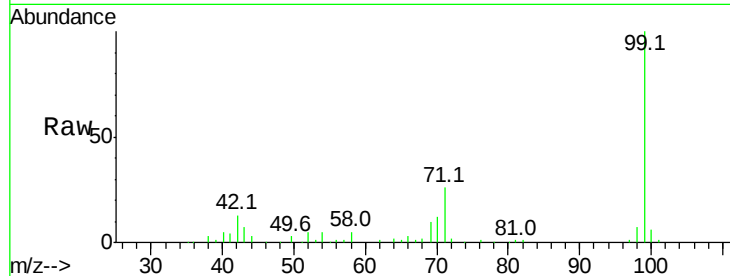
Tot Ion: 99 Resp: 238176

Ion Ratio Lower Upper

99 100

42 12.6 14.5 21.7#

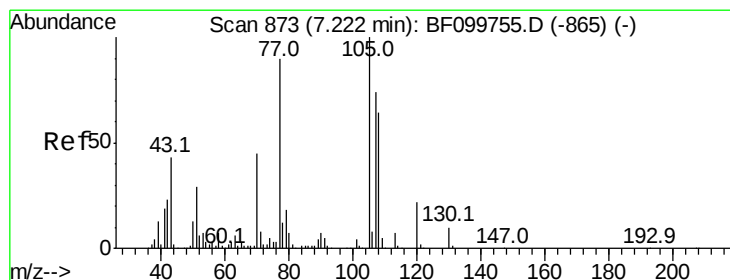
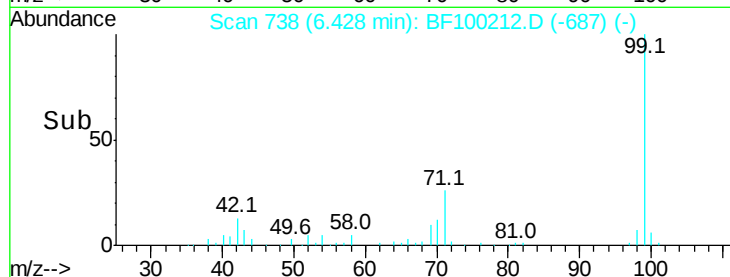
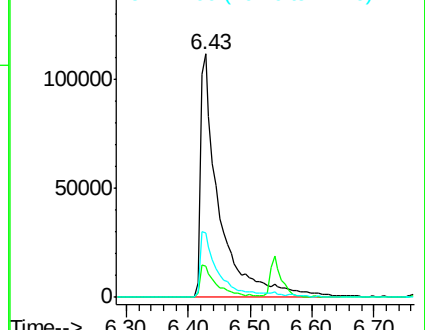
71 26.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.801 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Tgt Ion: 70 Resp: 63763

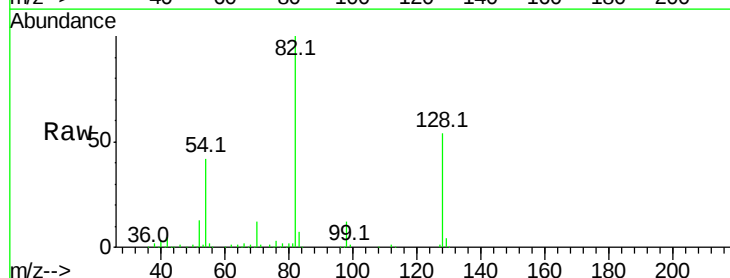
Ion Ratio Lower Upper

70 100

42 37.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

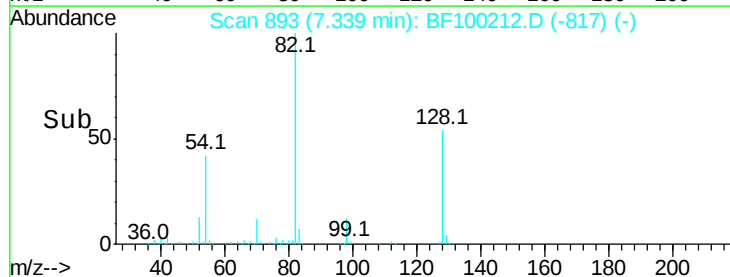
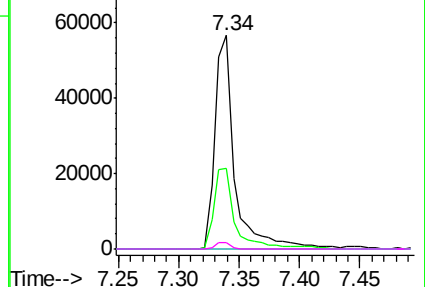


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 399269

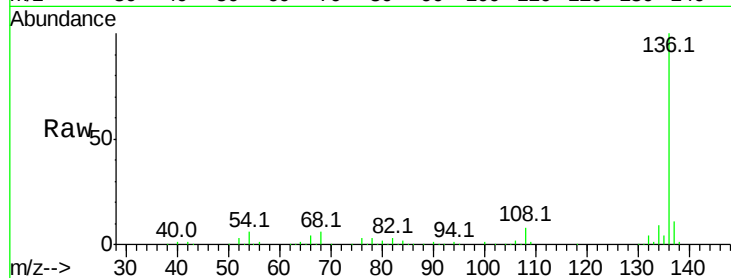
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.0 6.6 9.8#

68 5.7 5.0 7.4

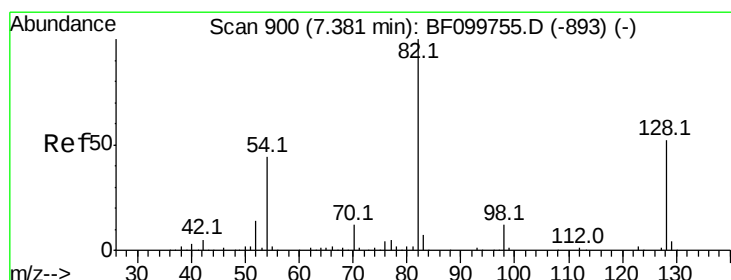
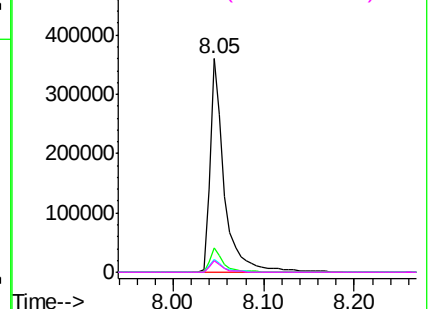
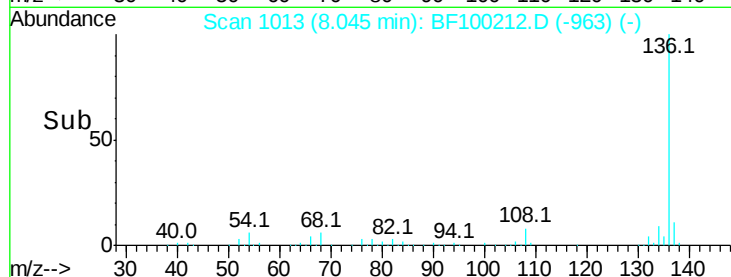


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.921 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

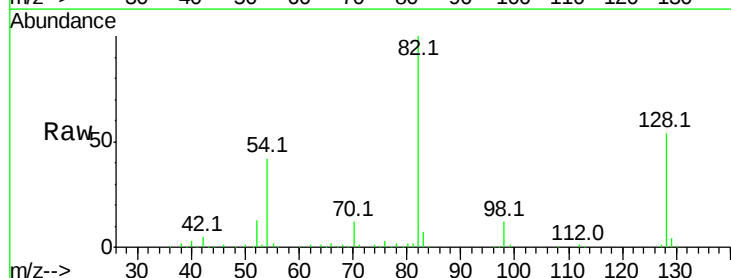
Tgt Ion: 82 Resp: 526657

Ion Ratio Lower Upper

82 100

128 54.0 36.1 54.1

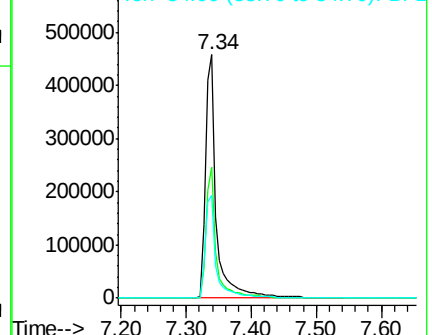
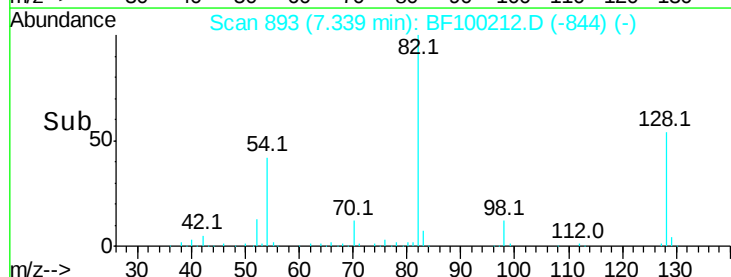
54 42.1 41.4 62.2

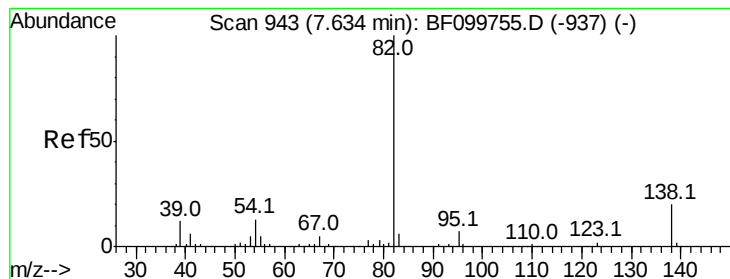


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.800 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampled :

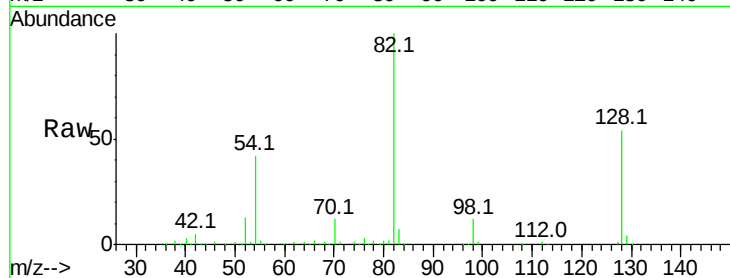
Tot Ion: 82 Resp: 526657

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

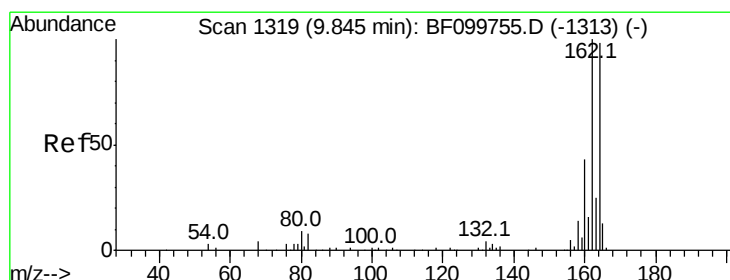
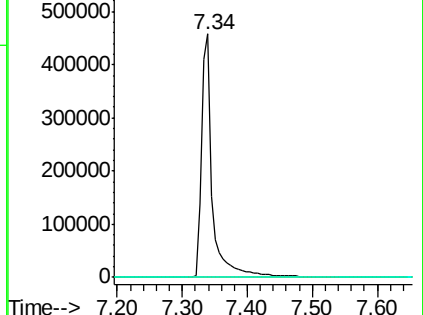
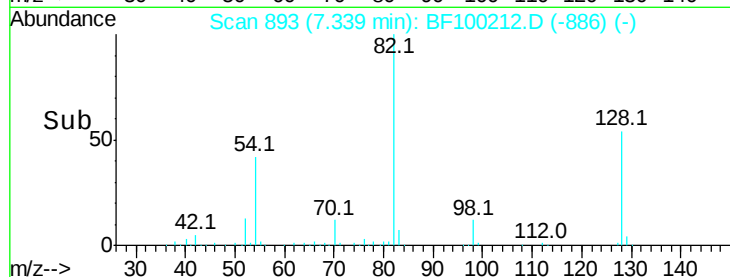
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

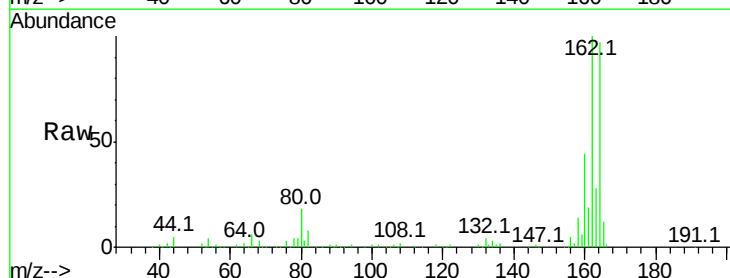
Tgt Ion:164 Resp: 190521

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

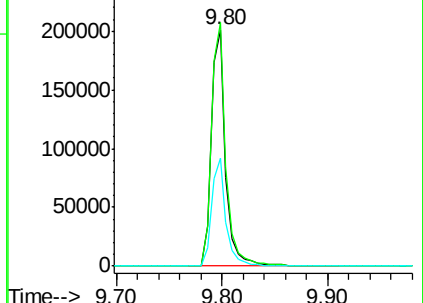
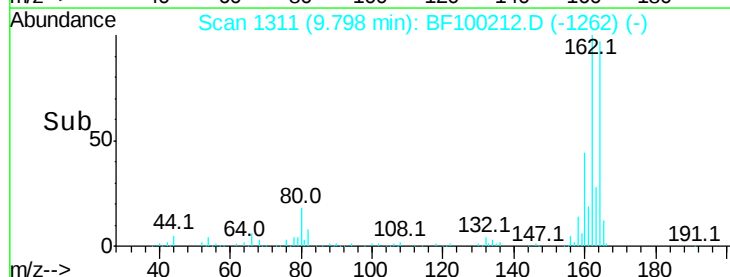
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

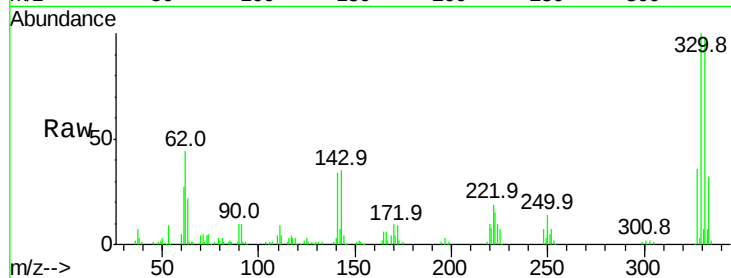




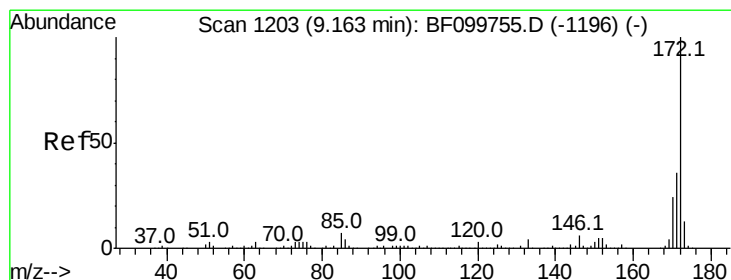
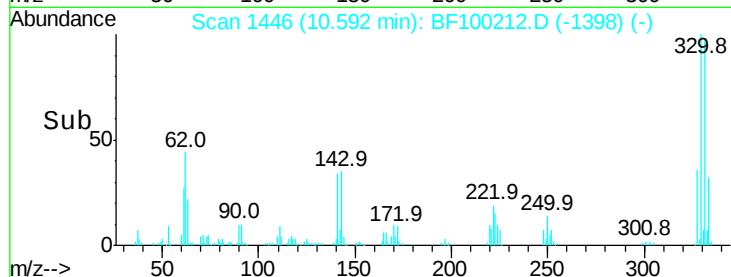
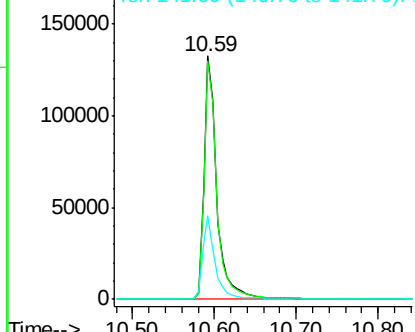
#41
2,4,6-Tribromophenol
Concen: 84.215 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 146219
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 33.9 29.9 44.9

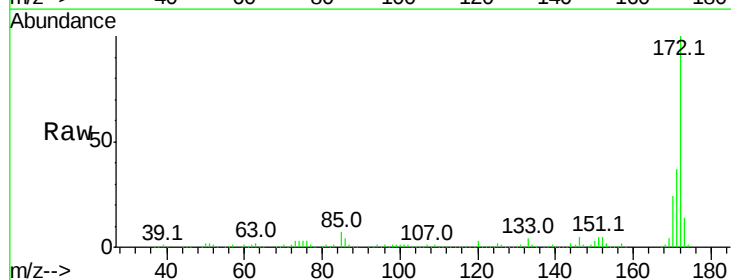


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

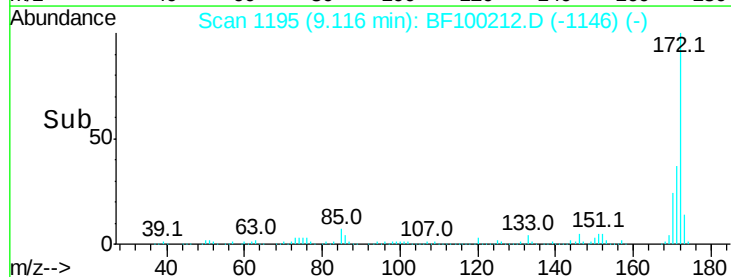
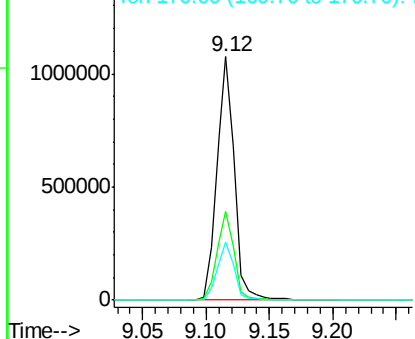


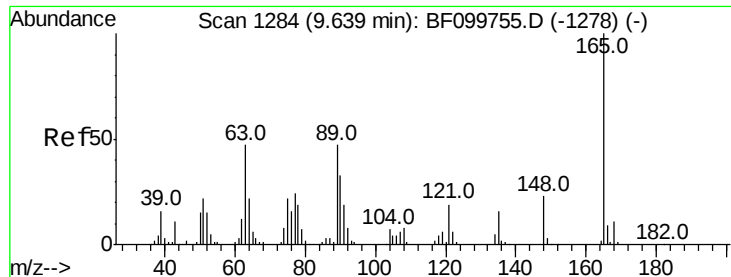
#44
2-Fluorobiphenyl
Concen: 84.412 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Tgt Ion:172 Resp: 1042386
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.7 19.6 29.4



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

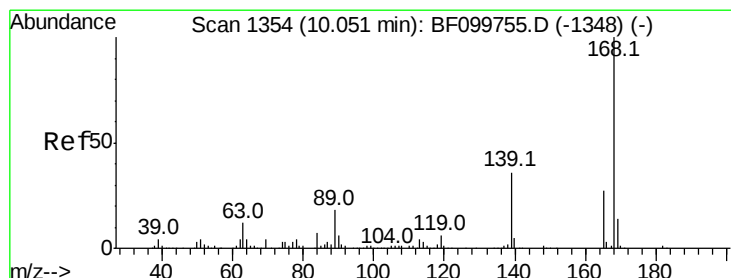
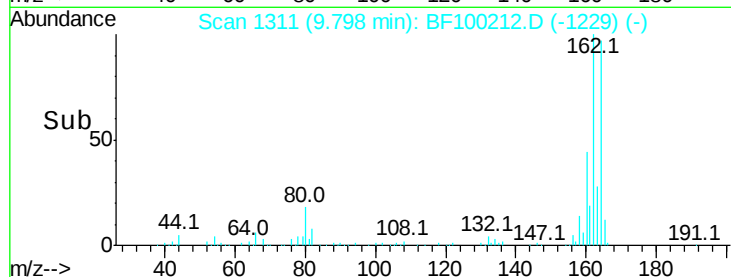
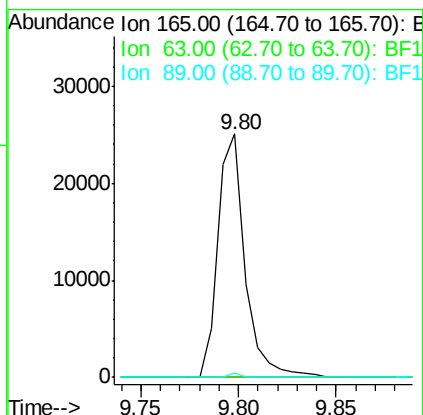
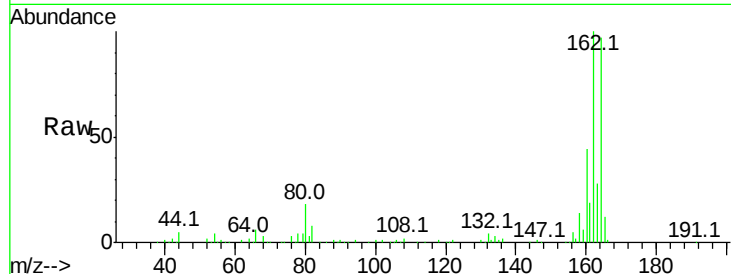




#50
 2,6-Dinitrotoluene
 Concen: 7.610 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

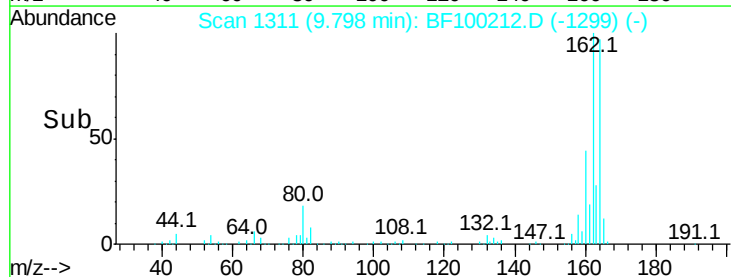
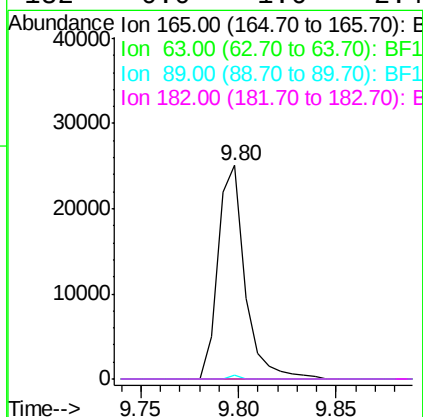
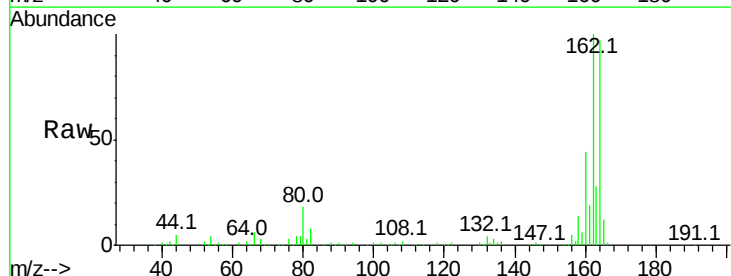
Instrument :
 BNA_F
 ClientSampleId :

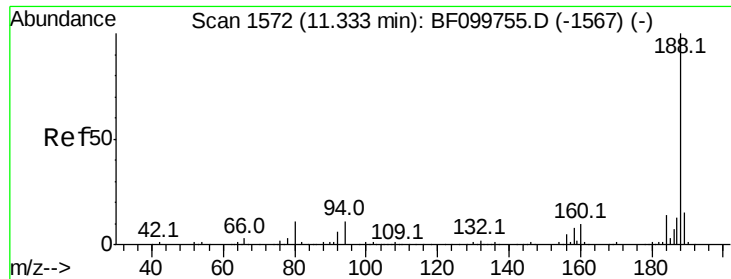
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.319 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

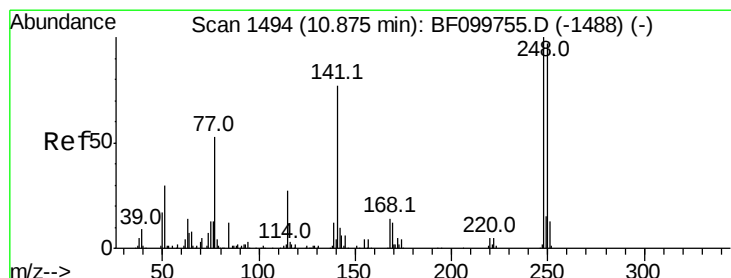
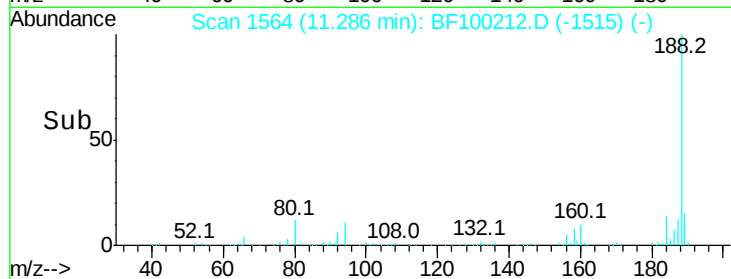
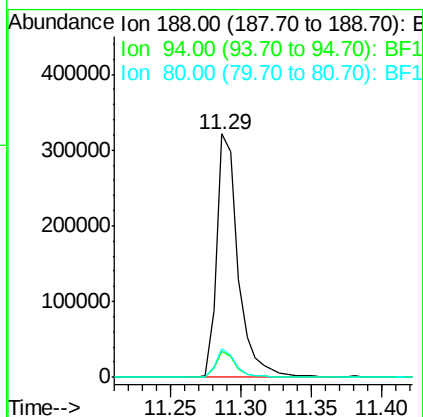
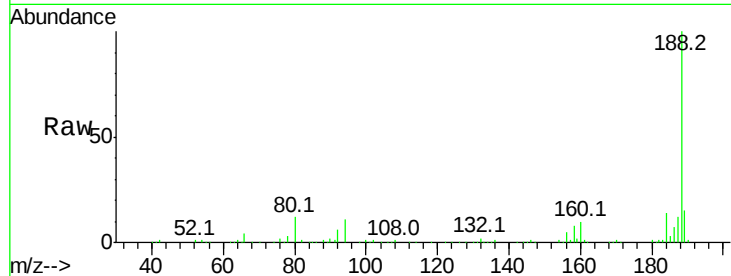




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

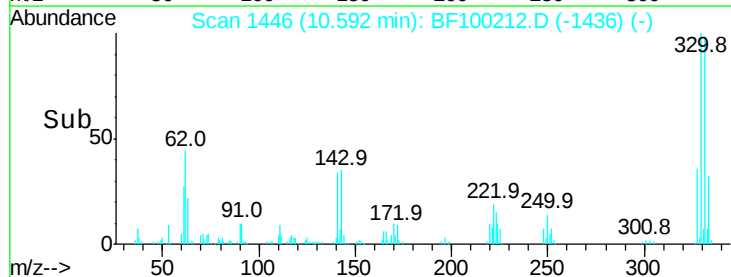
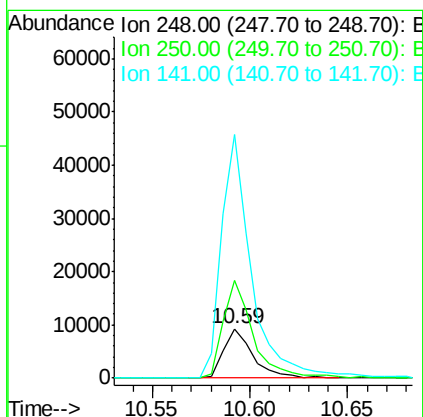
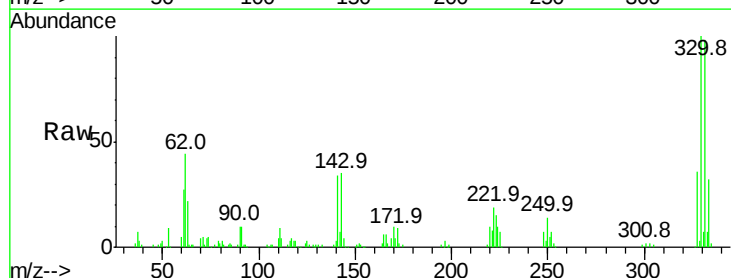
Instrument :
 BNA_F
 ClientSampleId :

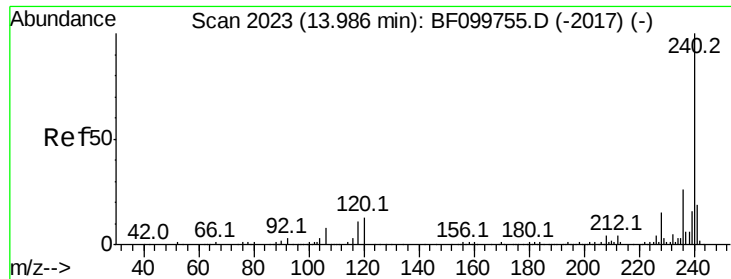
Tot Ion:188 Resp: 341255
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.657 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

Tgt Ion:248 Resp: 9546
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.9 115.3#
 141 494.5 74.4 111.6#

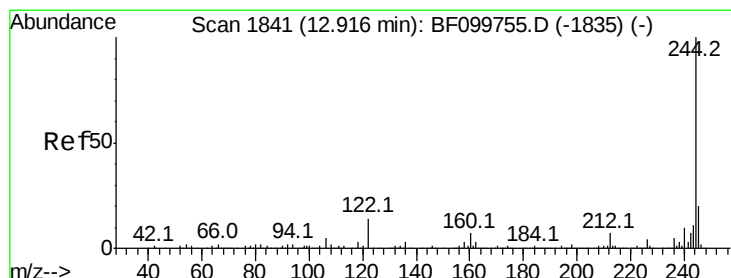
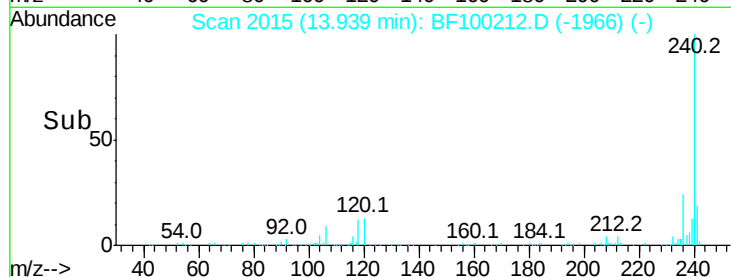
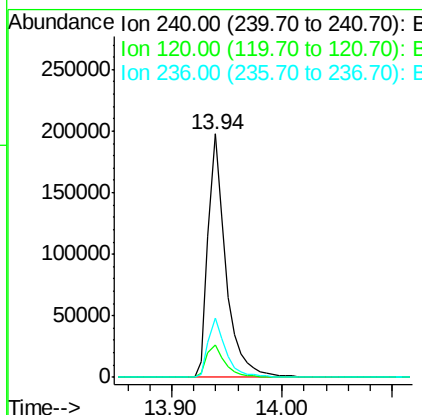
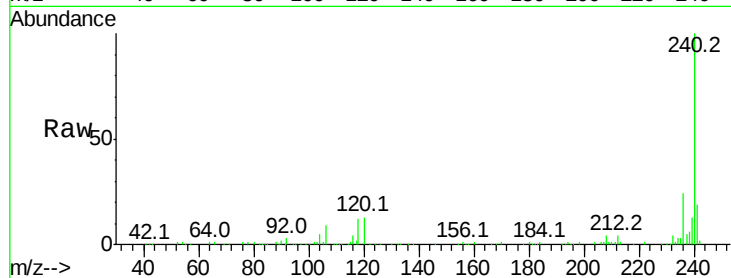




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

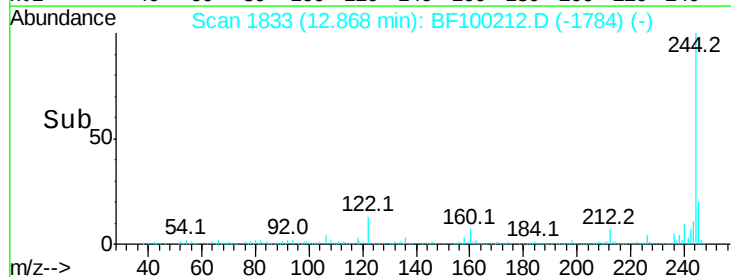
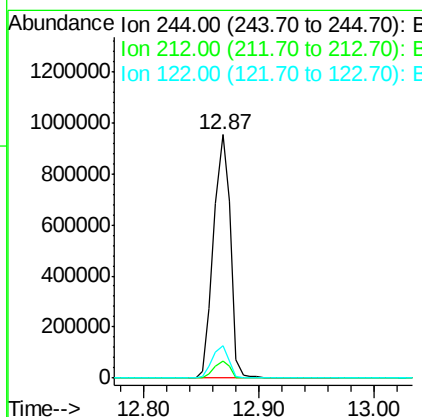
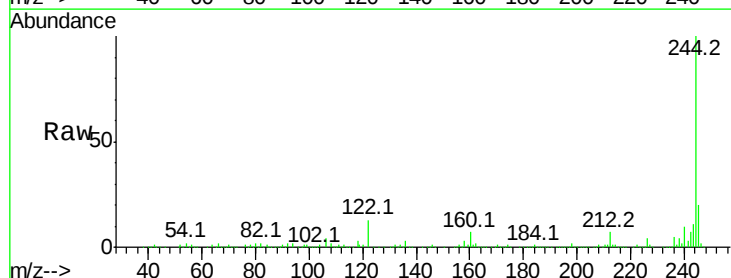
Instrument :
 BNA_F
 ClientSampled :

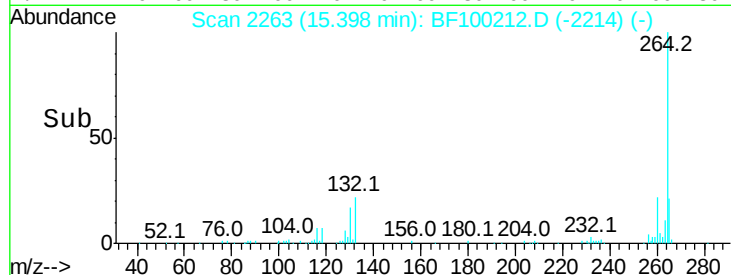
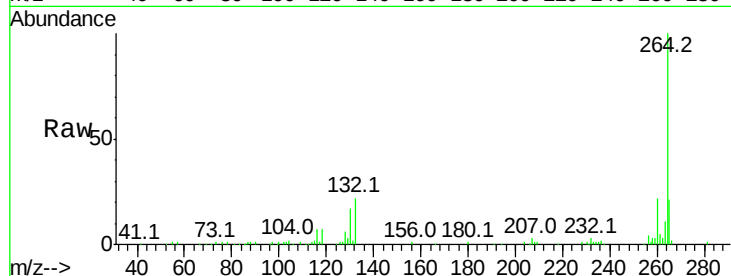
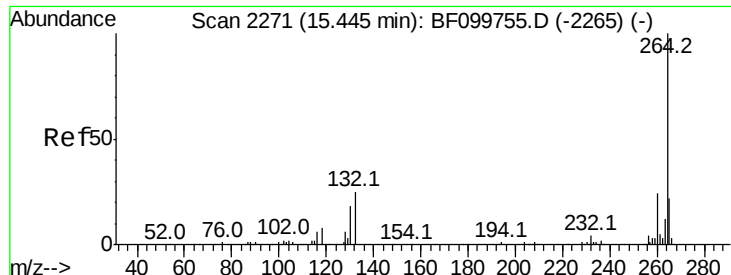
Tot Ion:240 Resp: 216156
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 24.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 97.573 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

Tgt Ion:244 Resp: 965095
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100212.D
 Acq: 5 Nov 2017 6:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	152454
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.0	17.5	26.3

