

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100102.D
 Acq On : 2 Nov 2017 23:06
 Operator : SJ/JU
 Sample : I6270-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 02:33:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

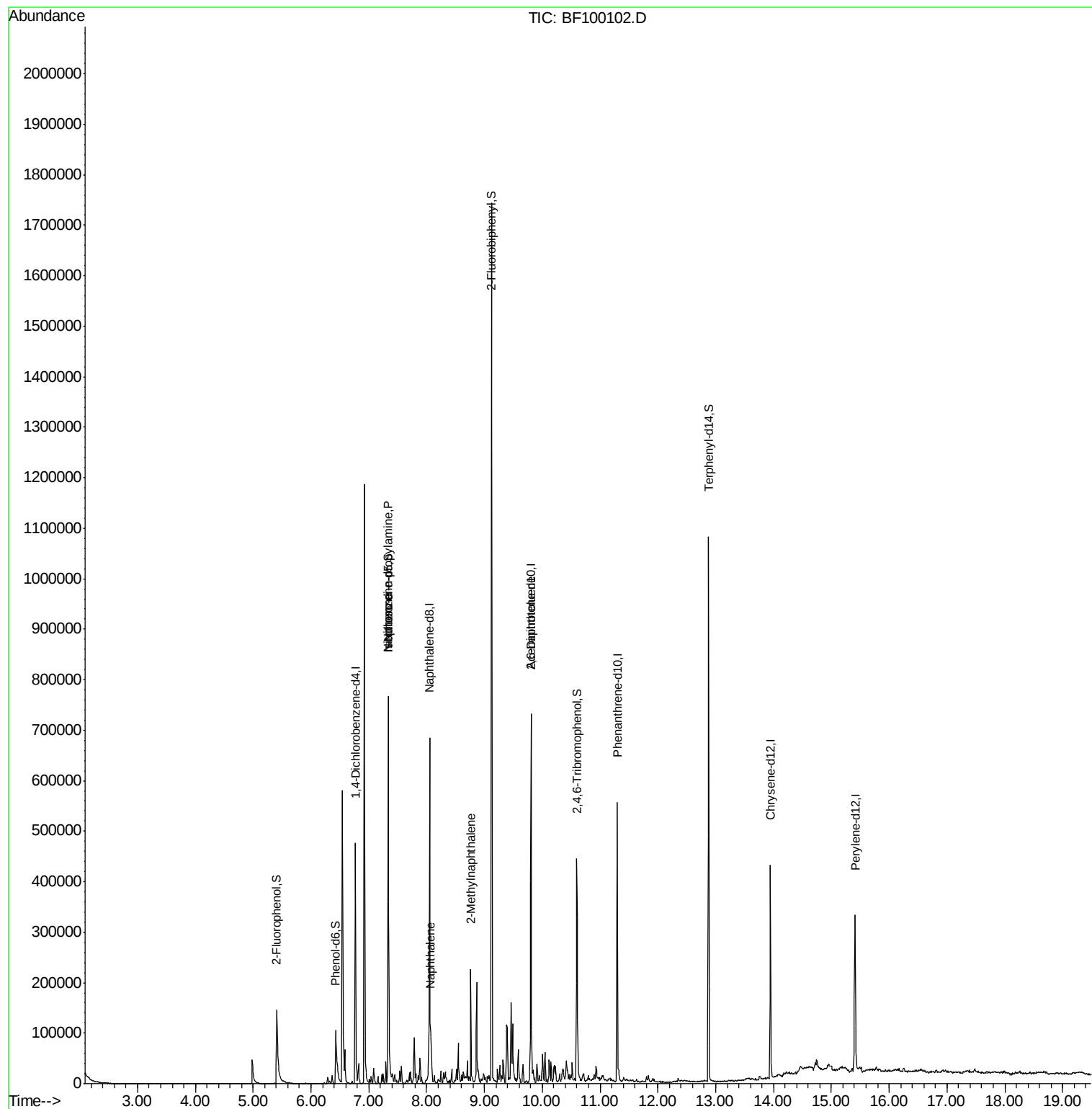
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81496	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	323017	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	137302	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	202713	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	142259	20.00	ng	-0.03
86) Perylene-d12	15.41	264	140963	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	104424	20.12	ng	0.01
7) Phenol-d6	6.43	99	77878	12.65	ng	0.00
23) Nitrobenzene-d5	7.34	82	270202	53.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	54362	43.45	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	558716	62.78	ng	-0.01
78) Terphenyl-d14	12.87	244	346420	53.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	32662	9.055	ng	# 73
25) Isophorone	7.34	82	270202	29.679	ng	# 64
31) Naphthalene	8.07	128	37526	2.407	ng	97
37) 2-Methylnaphthalene	8.76	142	65351	6.254	ng	95
50) 2,6-Dinitrotoluene	9.80	165	19961	8.733	ng	# 25

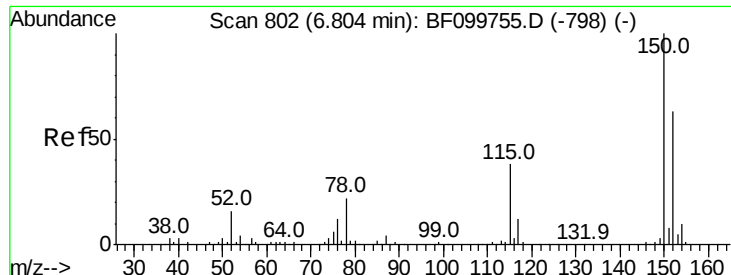
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
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Misc :
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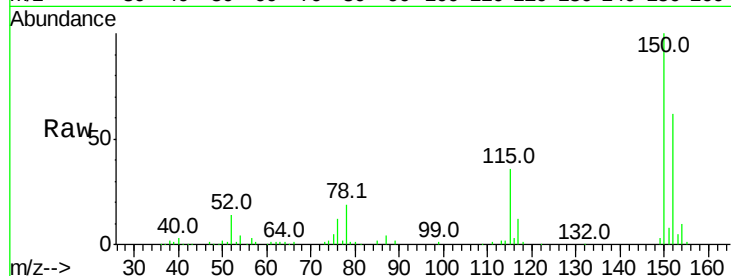


#1

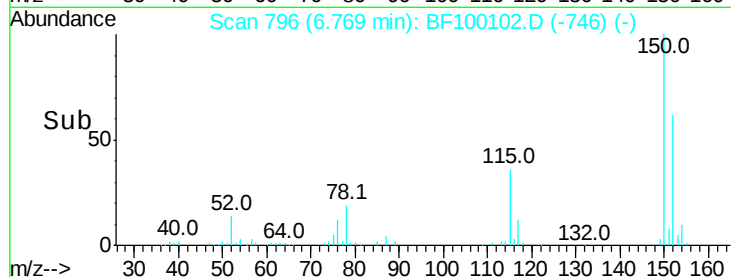
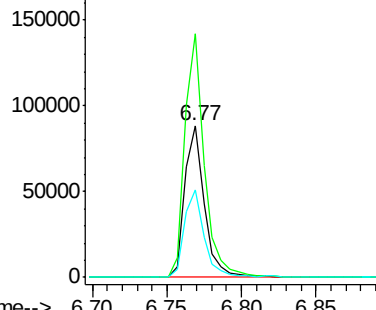
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 81496
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 57.7 50.1 75.1



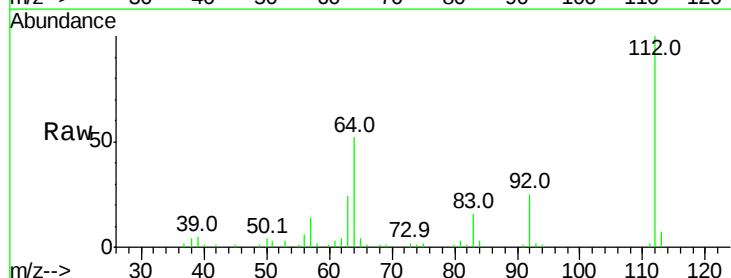
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



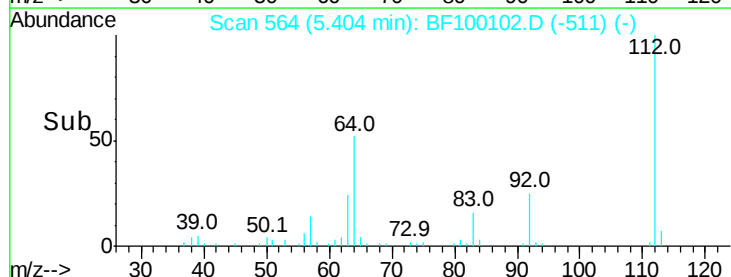
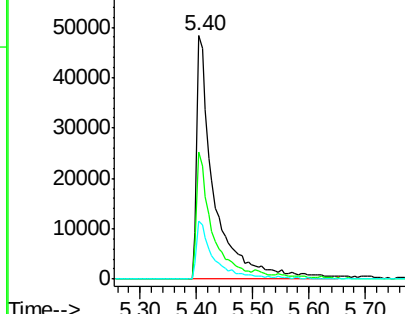
#5

2-Fluorophenol
 Concen: 20.117 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:112 Resp: 104424
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 23.9 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: 12.653 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Instrument :

BNA_F

ClientSampleId :

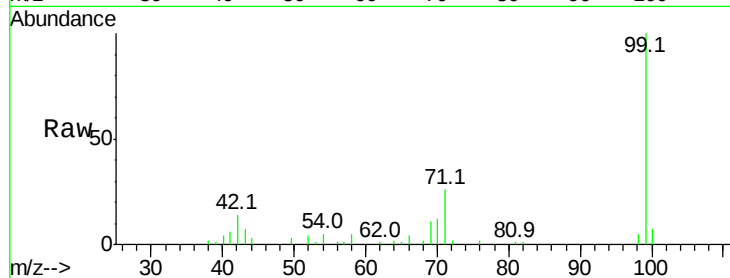
Tot Ion: 99 Resp: 77878

Ion Ratio Lower Upper

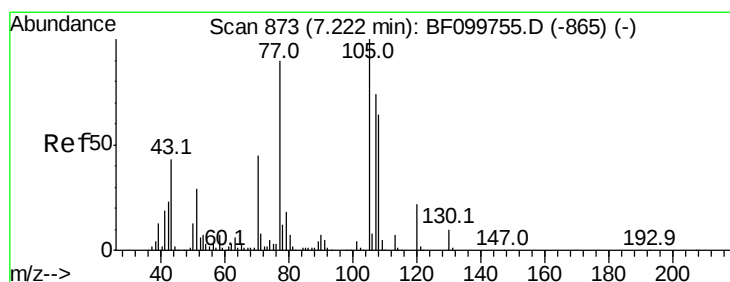
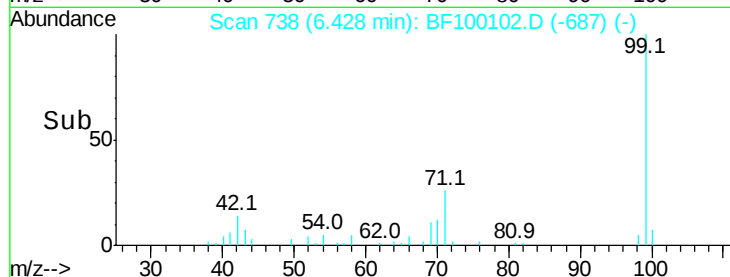
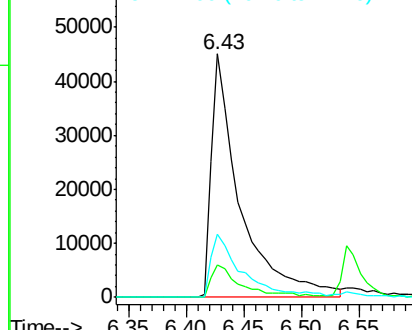
99 100

42 13.5 14.5 21.7#

71 25.9 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: 9.055 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Tgt Ion: 70 Resp: 32662

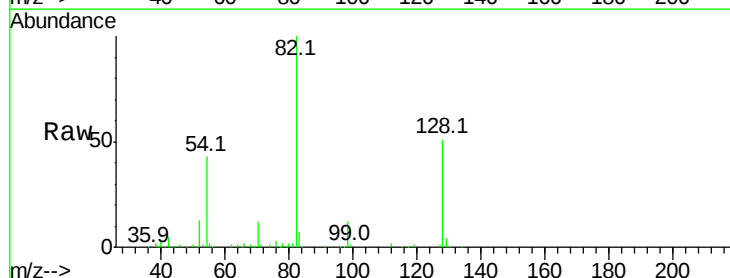
Ion Ratio Lower Upper

70 100

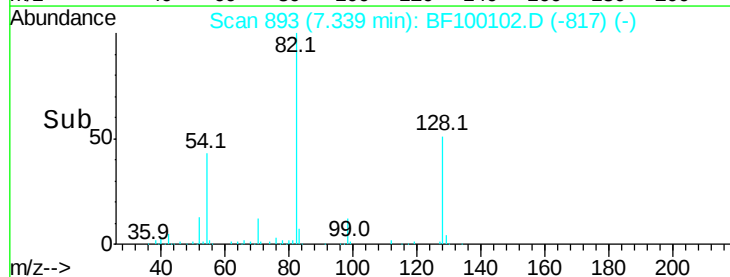
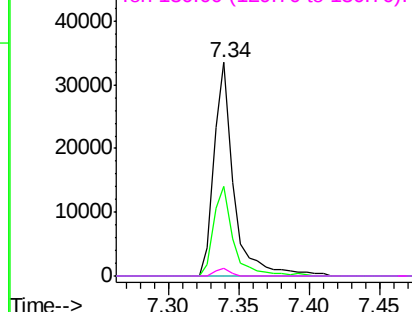
42 41.8 47.5 71.3#

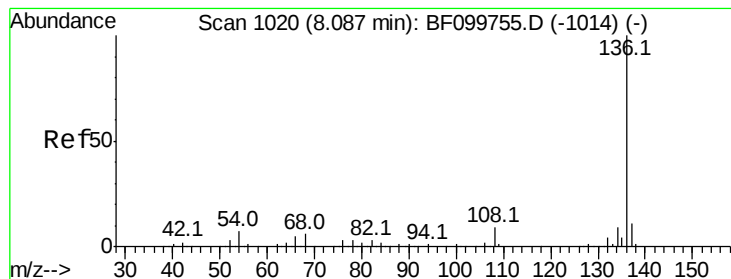
101 0.0 7.4 11.2#

130 3.7 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# 1014

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 323017

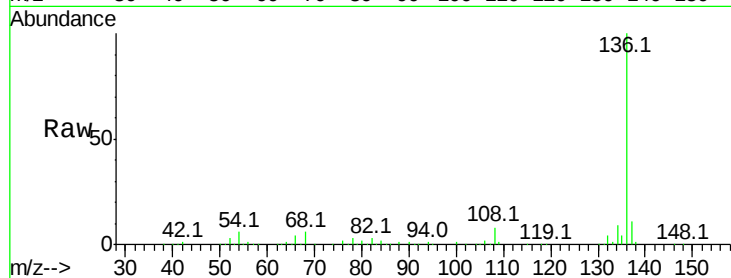
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.5 5.0 7.4

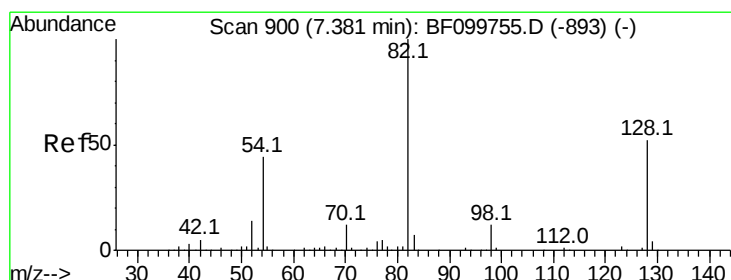
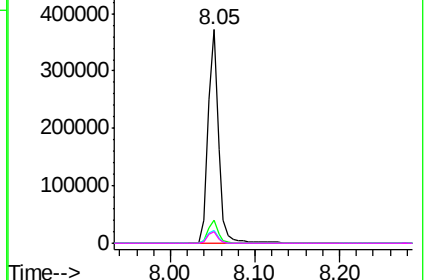
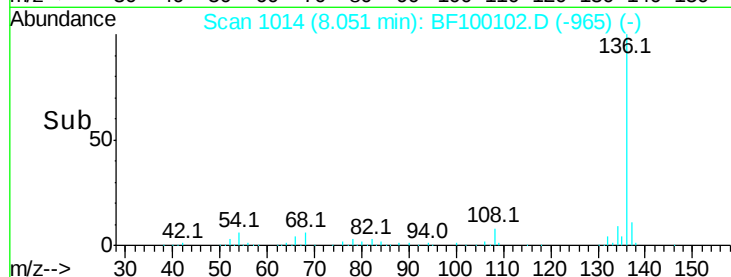


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.854 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

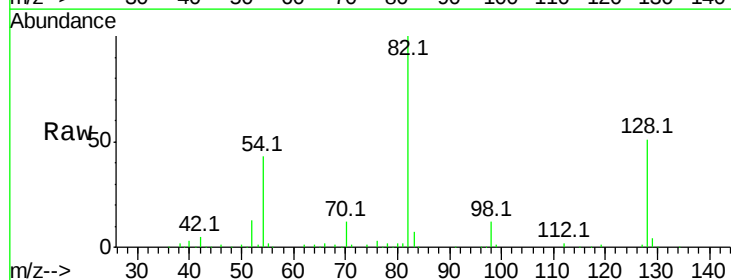
Tgt Ion: 82 Resp: 270202

Ion Ratio Lower Upper

82 100

128 51.2 36.1 54.1

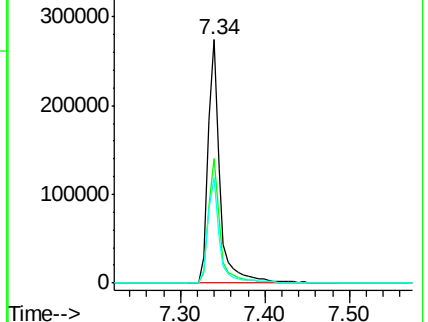
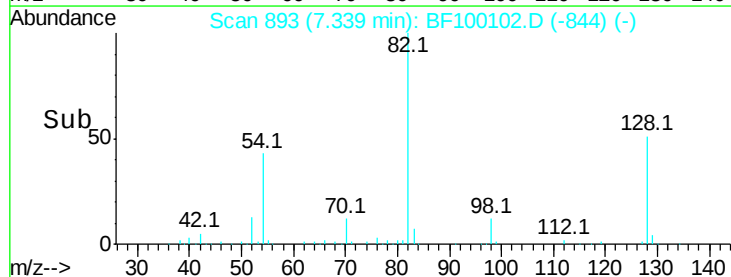
54 43.4 41.4 62.2

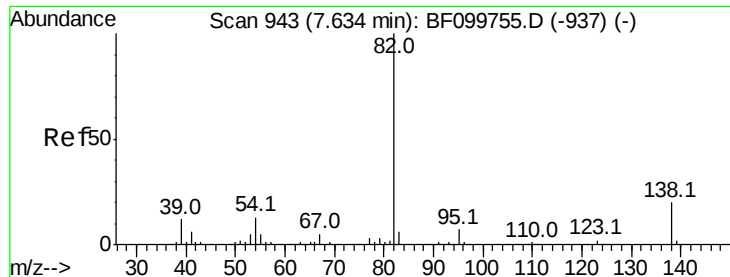


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.679 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Instrument :

BNA_F

ClientSampleId :

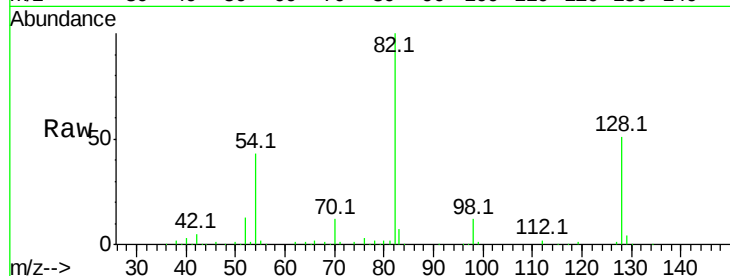
Tot Ion: 82 Resp: 270202

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

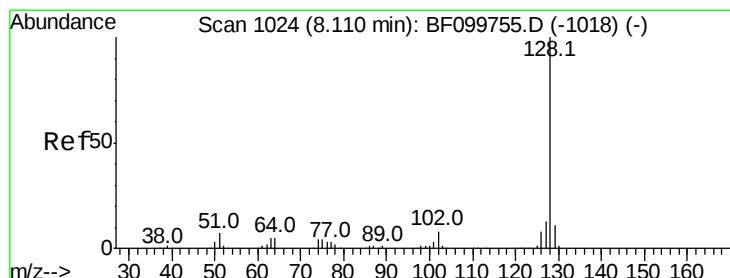
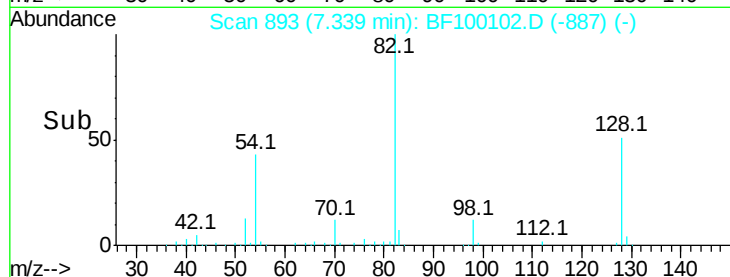
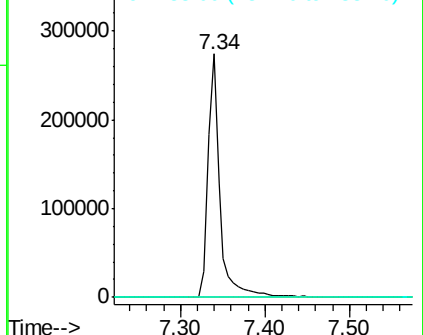
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 2.407 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

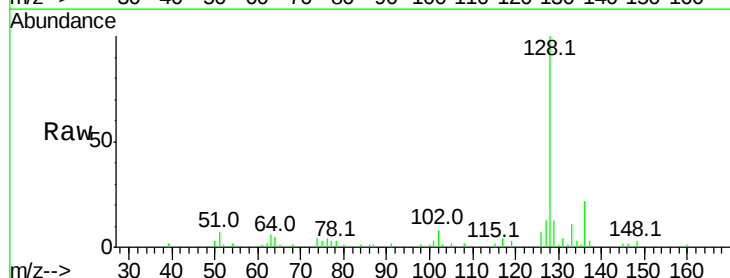
Tgt Ion: 128 Resp: 37526

Ion Ratio Lower Upper

128 100

129 12.6 8.8 13.2

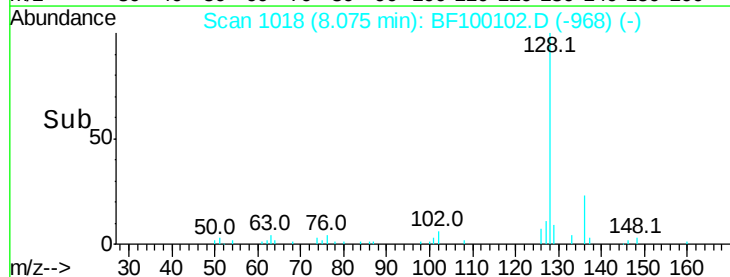
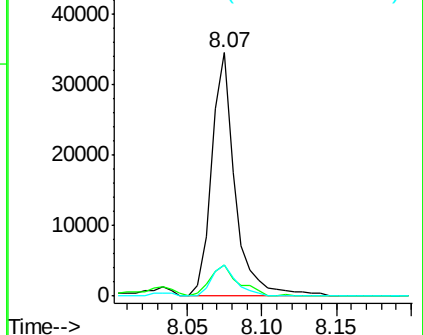
127 12.6 10.9 16.3

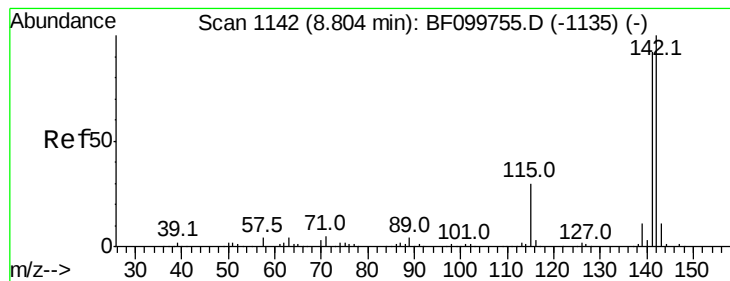


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 6.254 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Instrument :

BNA_F

ClientSampled :

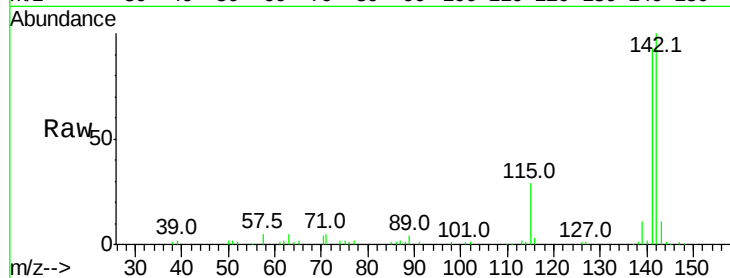
Tot Ion:142 Resp: 65351

Ion Ratio Lower Upper

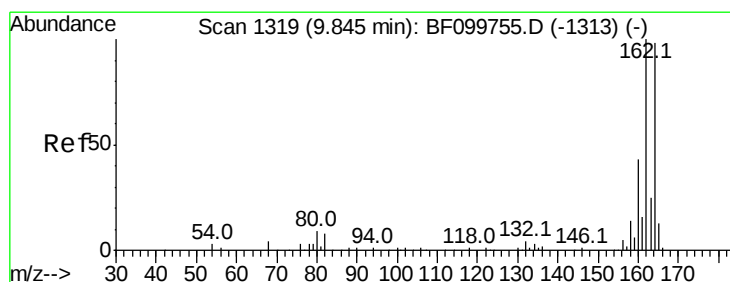
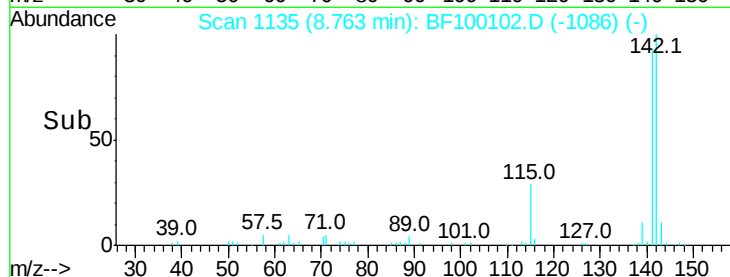
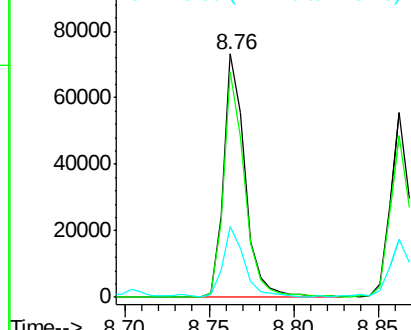
142 100

141 92.5 70.8 106.2

115 28.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

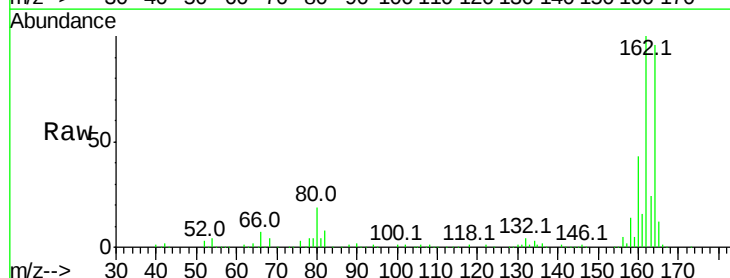
Tgt Ion:164 Resp: 137302

Ion Ratio Lower Upper

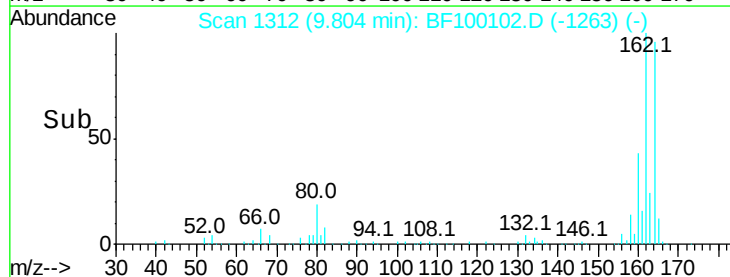
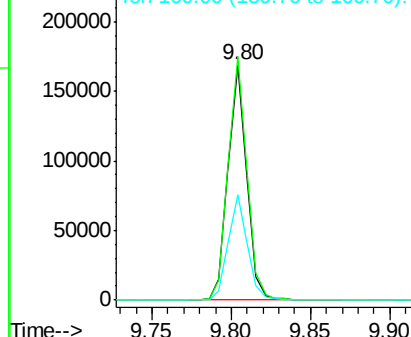
164 100

162 103.8 86.1 129.1

160 45.1 38.3 57.5



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

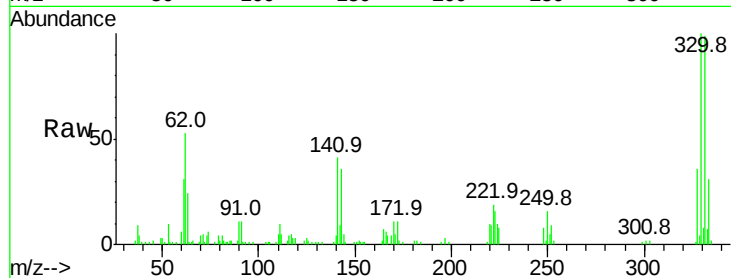




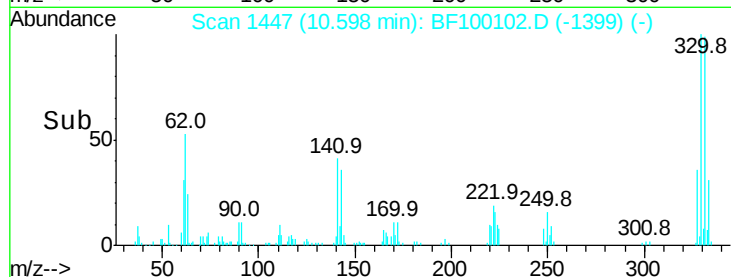
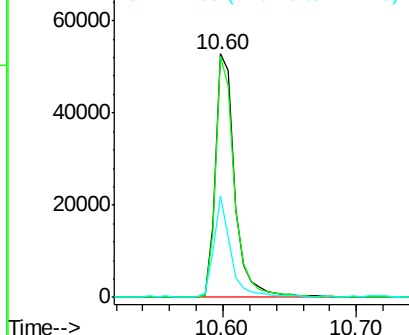
#41
 2,4,6-Tribromophenol
 Concen: 43.446 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 54362
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 37.0 29.9 44.9

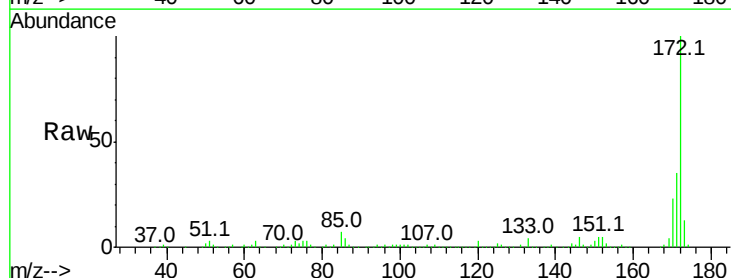


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

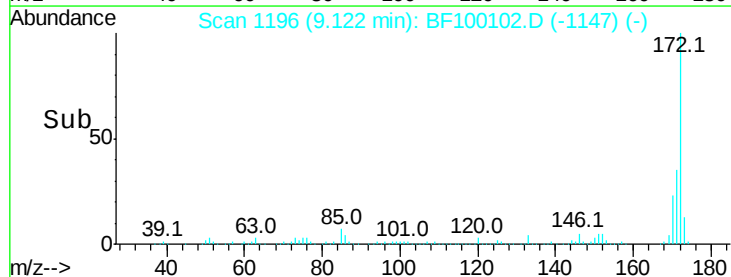
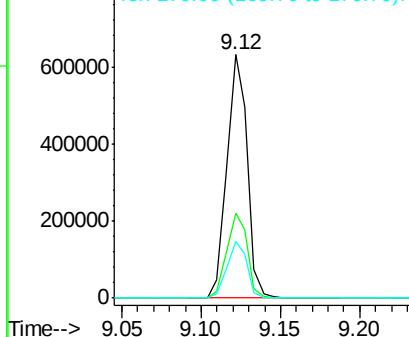


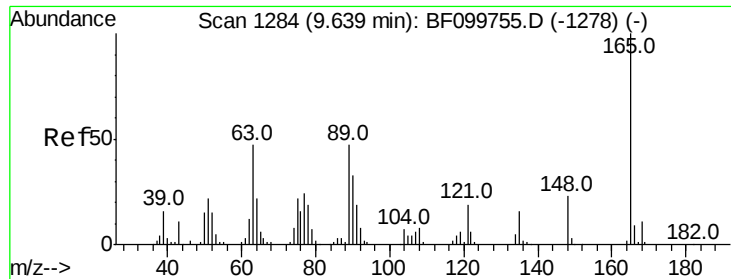
#44
 2-Fluorobiphenyl
 Concen: 62.782 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:172 Resp: 558716
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.1 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

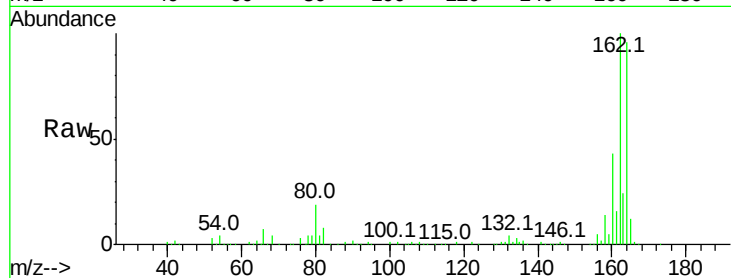




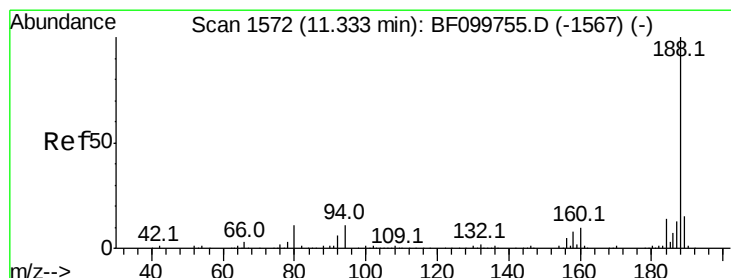
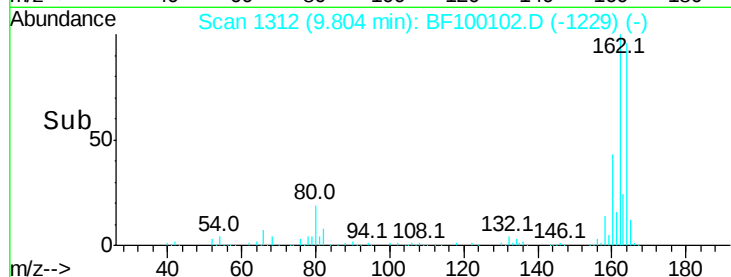
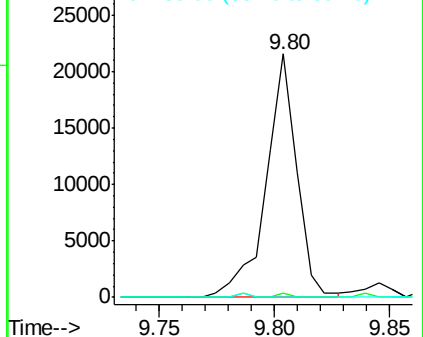
#50
 2,6-Dinitrotoluene
 Concen: 8.733 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#

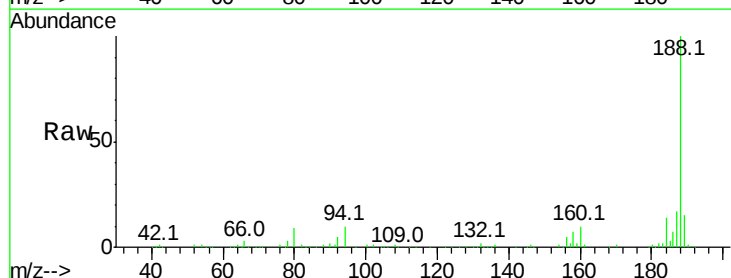


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

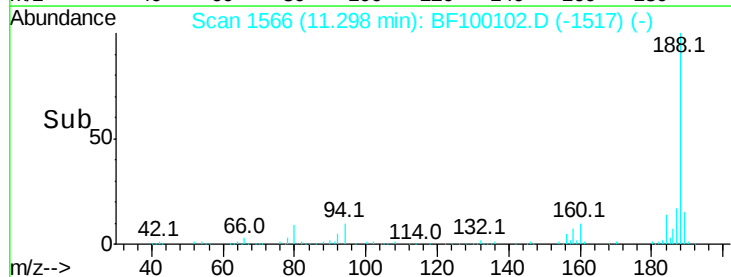
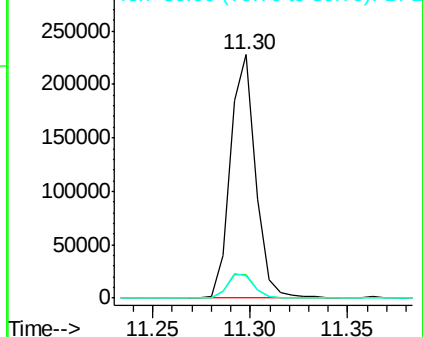


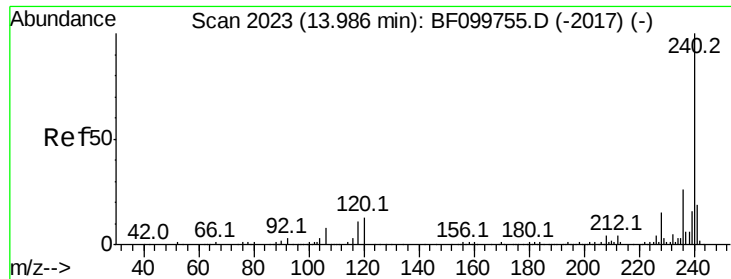
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

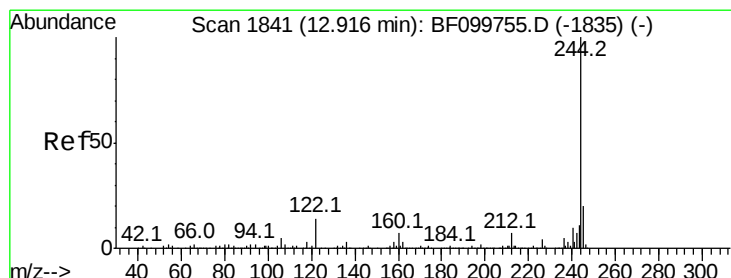
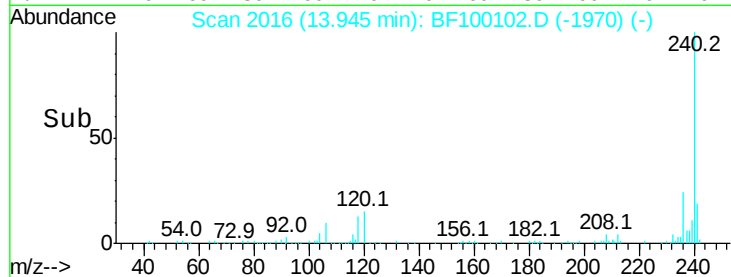
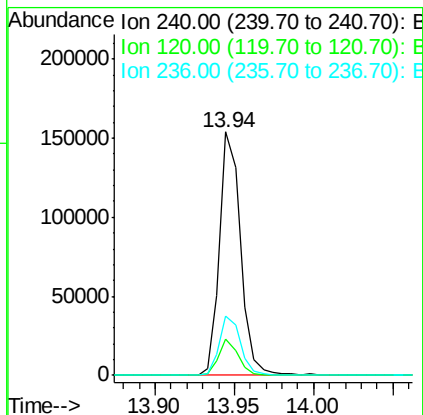
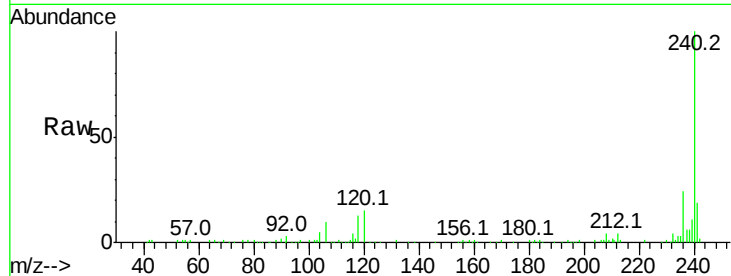




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

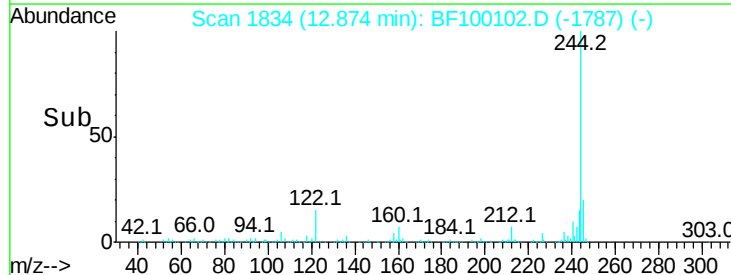
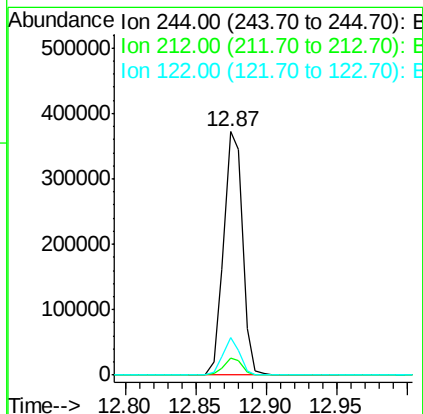
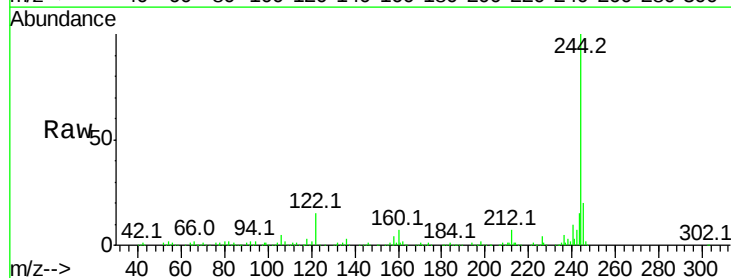
Instrument :
 BNA_F
 ClientSampleId :

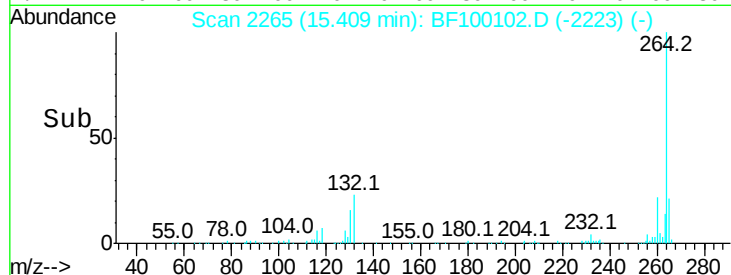
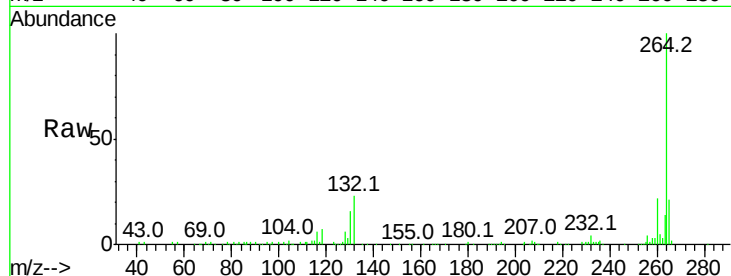
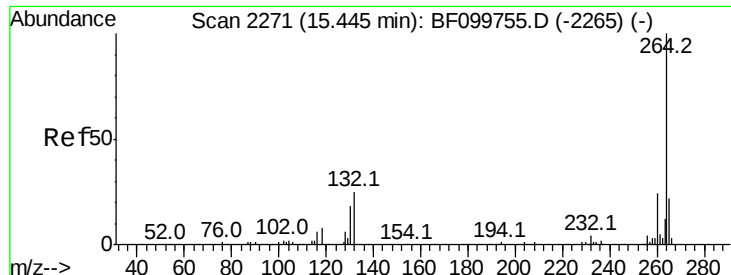
Tot Ion:240 Resp: 142259
 Ion Ratio Lower Upper
 240 100
 120 15.2 9.5 14.3#
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 53.217 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:244 Resp: 346420
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 15.4 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.4	17.5	26.3

