

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100912.D
 Acq On : 28 Nov 2017 1:05
 Operator : SJ/JU
 Sample : I6584-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 02:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

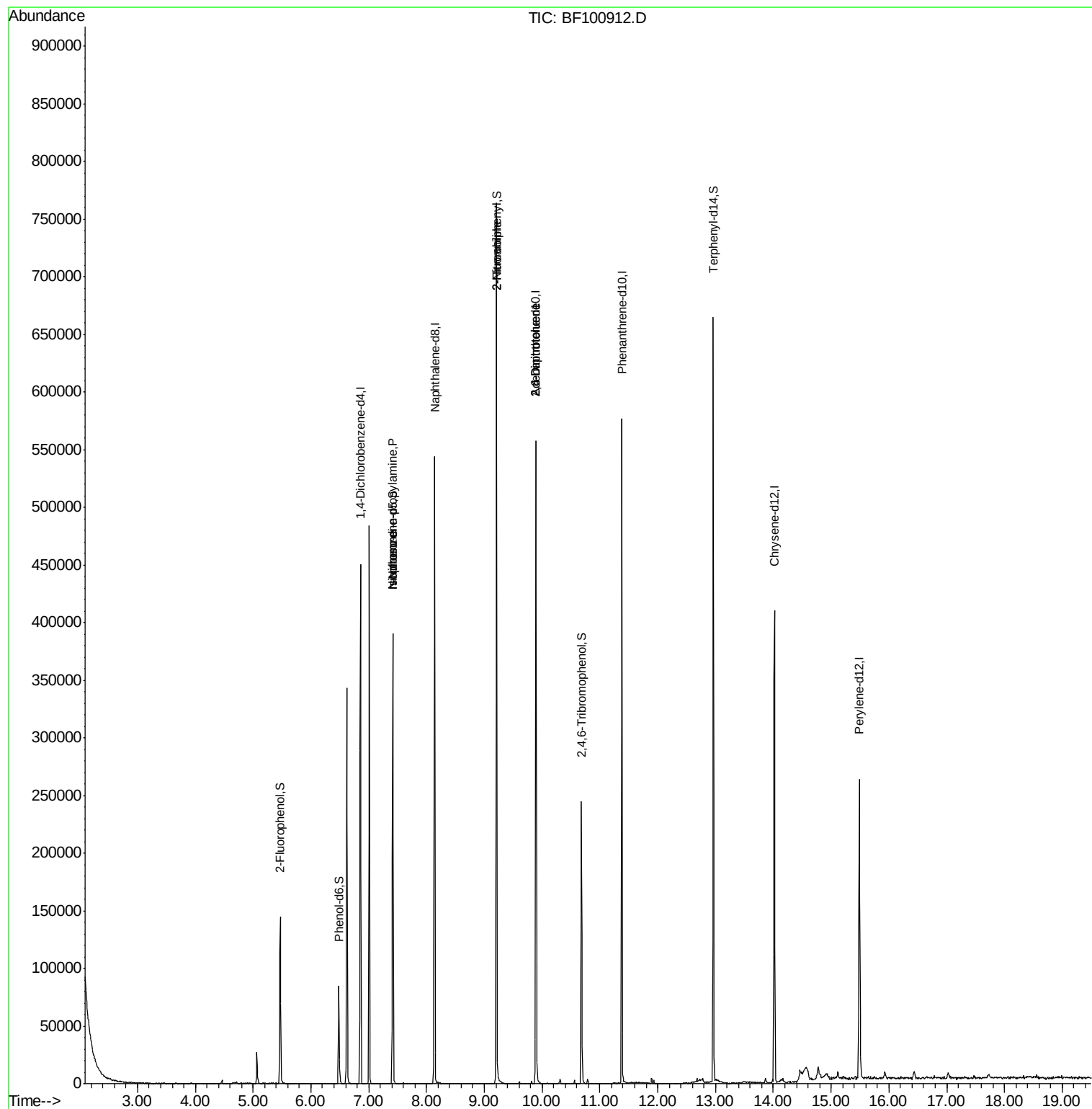
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63370	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	245429	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112928	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	198814	20.00	ng	0.00
75) Chrysene-d12	14.02	240	141147	20.00	ng	0.00
86) Perylene-d12	15.49	264	134477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	41654	10.54	ng	0.00
7) Phenol-d6	6.48	99	29543	6.06	ng	-0.01
23) Nitrobenzene-d5	7.42	82	108209	29.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	30916	26.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	246435	33.23	ng	-0.01
78) Terphenyl-d14	12.96	244	197000	32.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	13816	4.087	ng	# 80
25) Isophorone	7.42	82	108228	13.874	ng	# 64
47) 2-Nitroaniline	9.21	65	110	2.833	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13939	8.167	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13939	6.474	ng	# 21

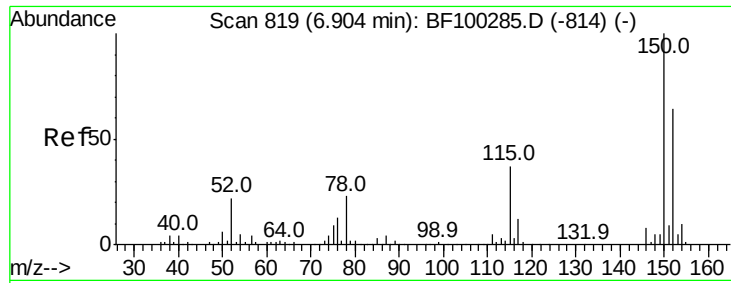
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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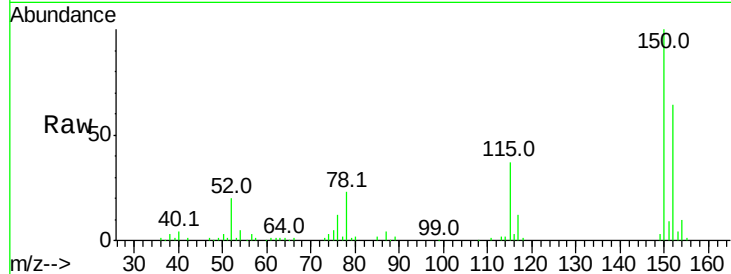


#1

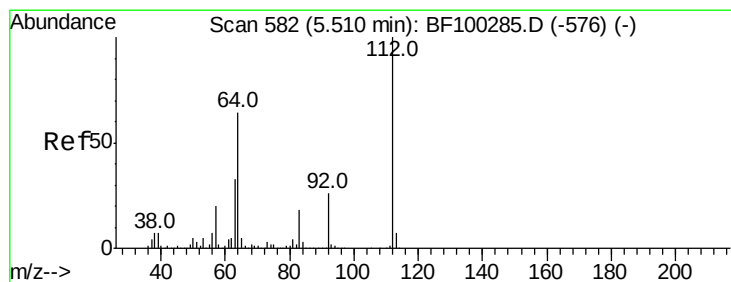
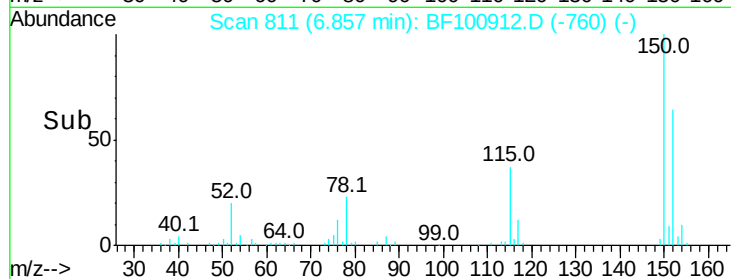
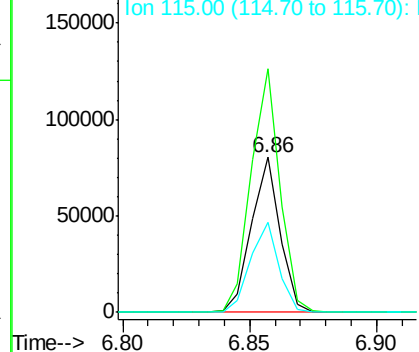
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100912.D
Acq: 28 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63370
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 57.8 50.1 75.1



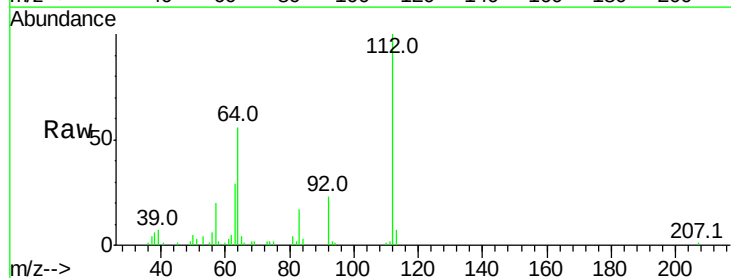
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



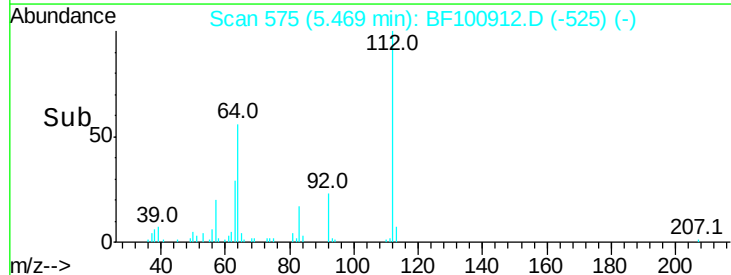
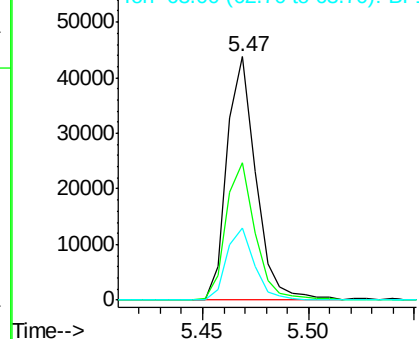
#5

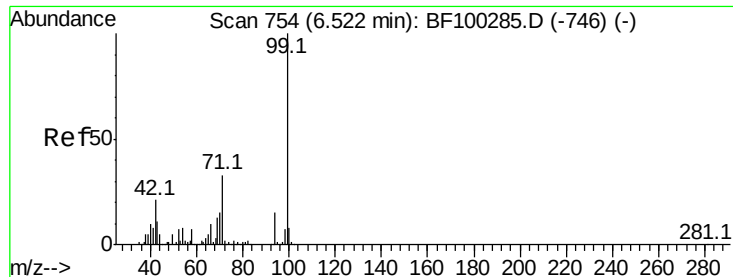
2-Fluorophenol
Concen: 10.537 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100912.D
Acq: 28 Nov 2017 1:05

Tgt Ion:112 Resp: 41654
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.4 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: 6.060 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

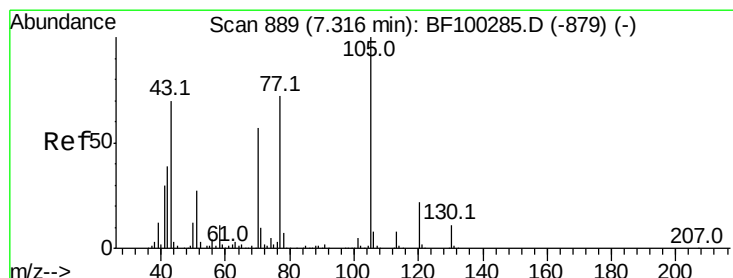
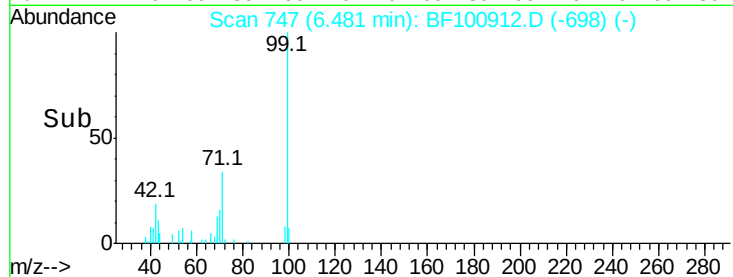
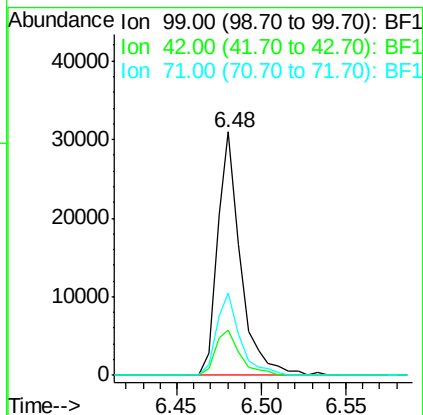
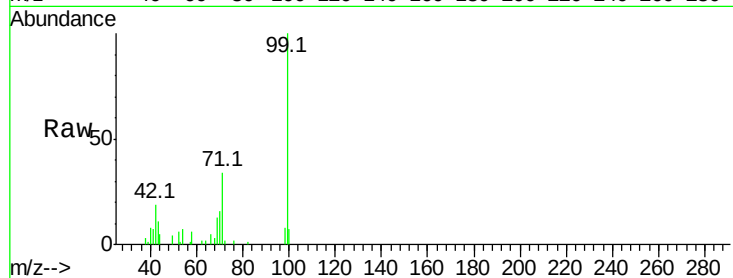
Tot Ion: 99 Resp: 29543

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.087 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

Tgt Ion: 70 Resp: 13816

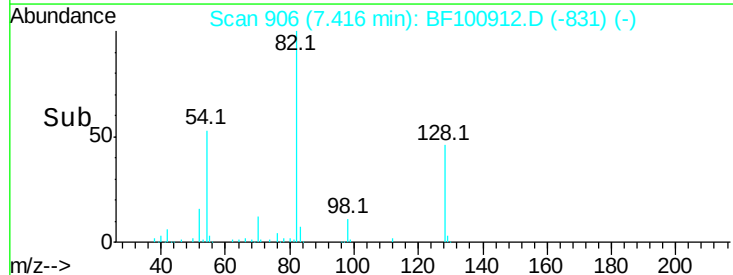
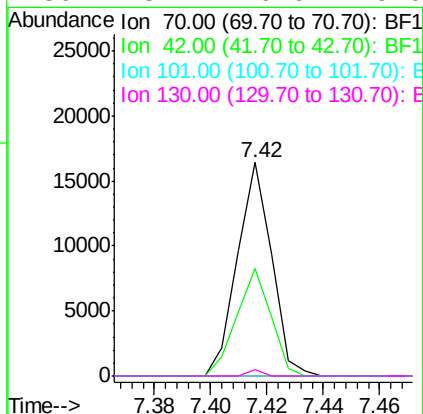
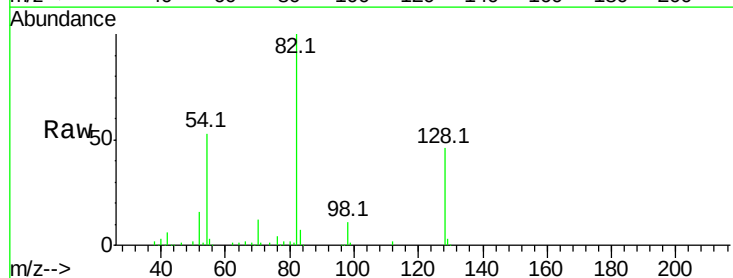
Ion Ratio Lower Upper

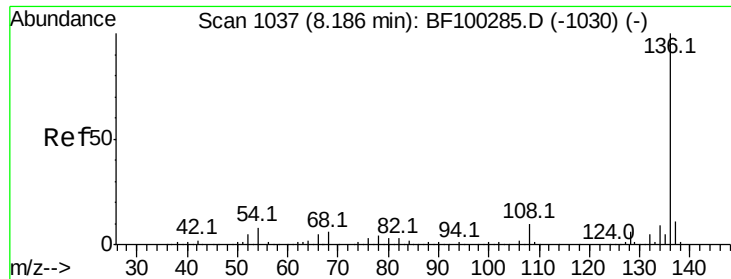
70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

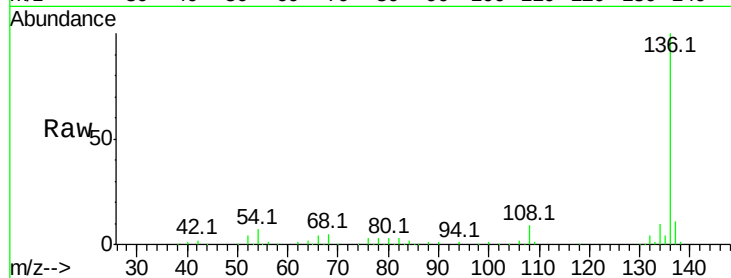




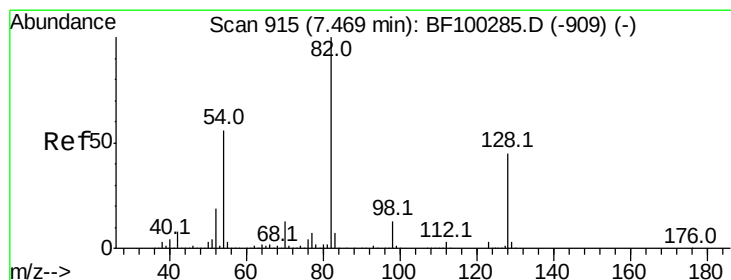
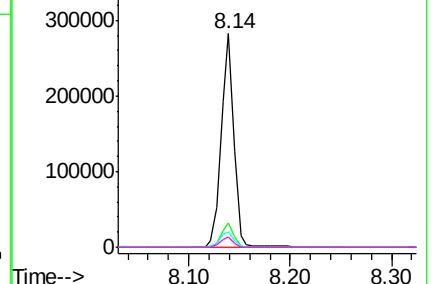
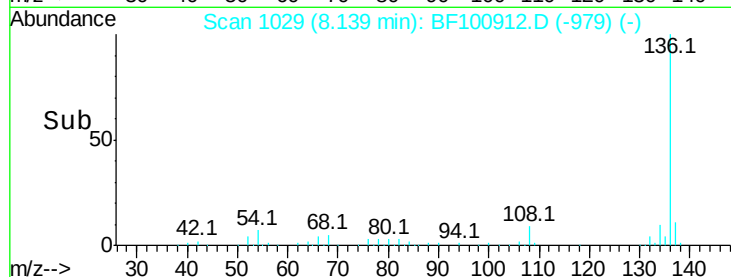
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100912.D
Acq: 28 Nov 2017 1:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	245429
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	4.7	5.0	7.4#

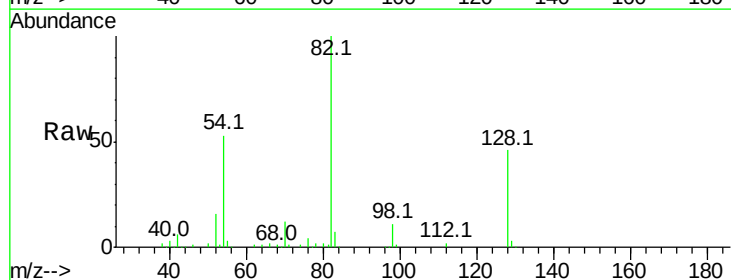


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

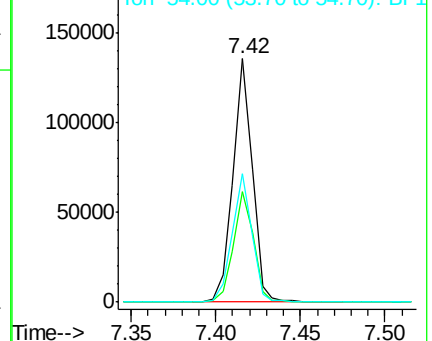
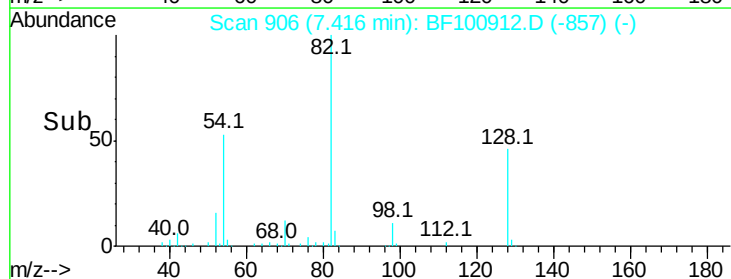


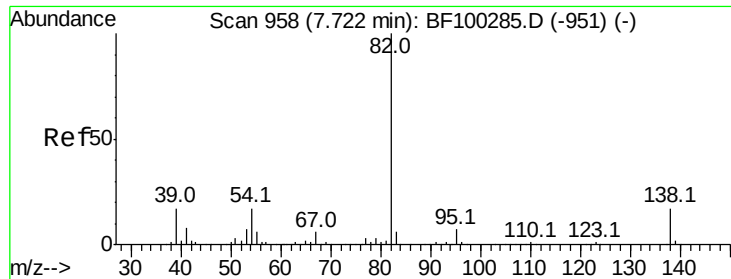
#23
Nitrobenzene-d5
Concen: 29.149 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100912.D
Acq: 28 Nov 2017 1:05

Tgt Ion:	82	Resp:	108209
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	52.8	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: 13.874 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

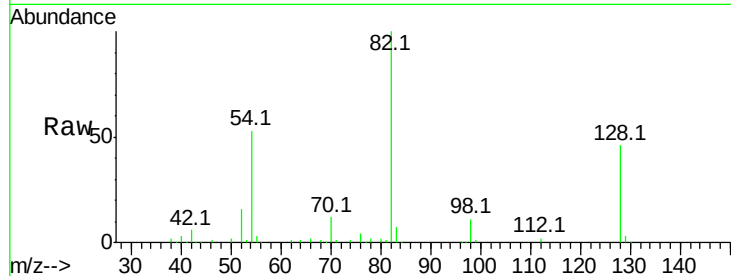
Tot Ion: 82 Resp: 108228

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

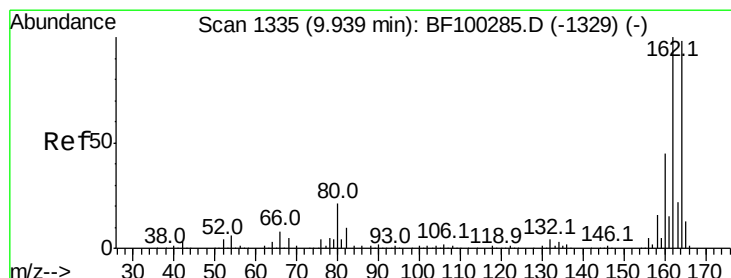
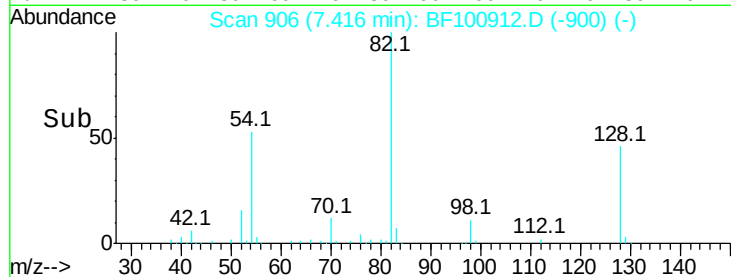
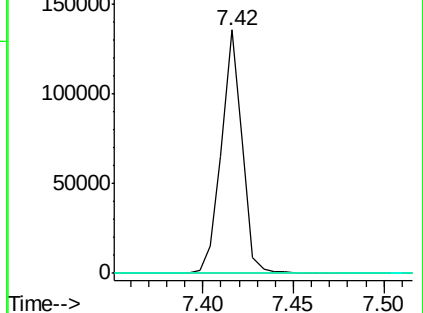
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

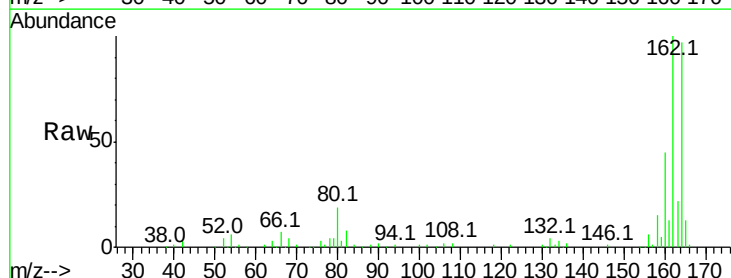
Tgt Ion: 164 Resp: 112928

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

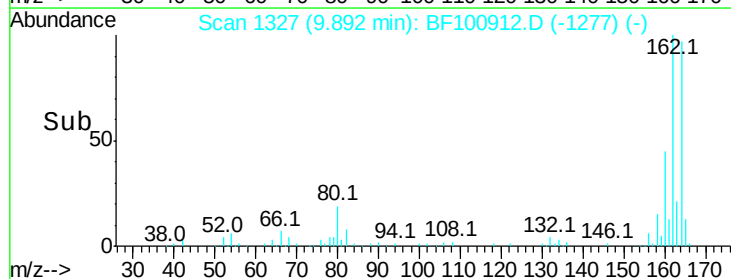
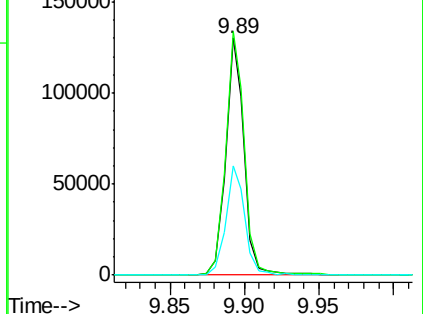
160 46.1 38.3 57.5

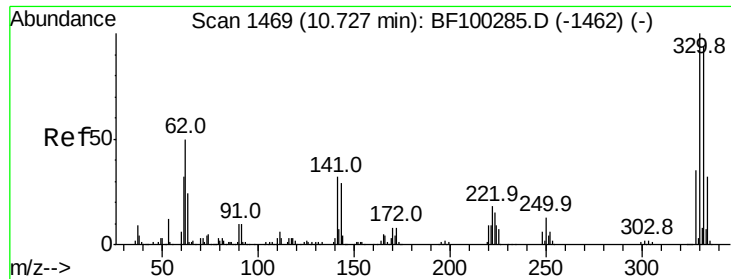


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

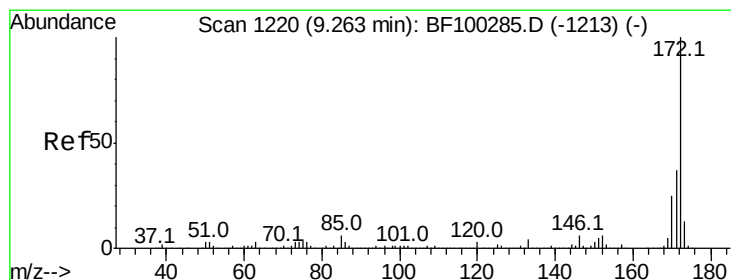
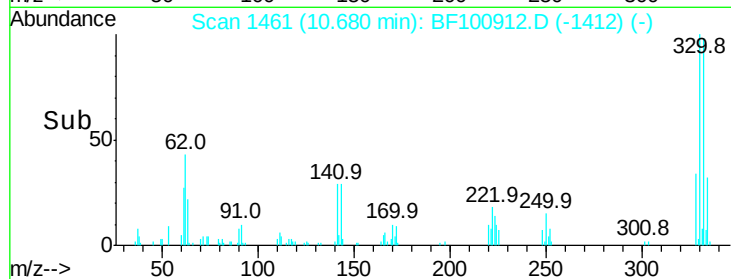
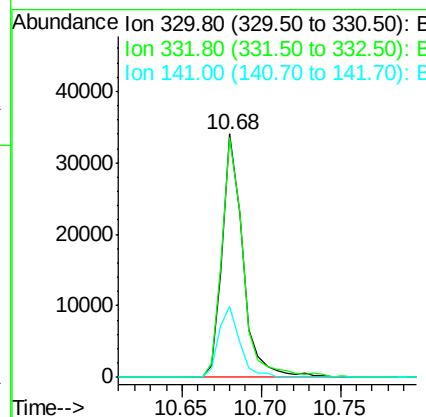
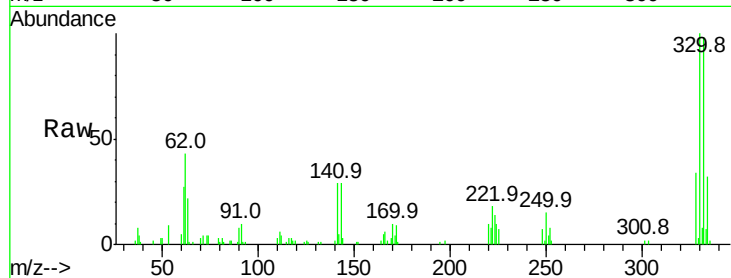




#41
 2,4,6-Tribromophenol
 Concen: 26.866 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100912.D
 Acq: 28 Nov 2017 1:05

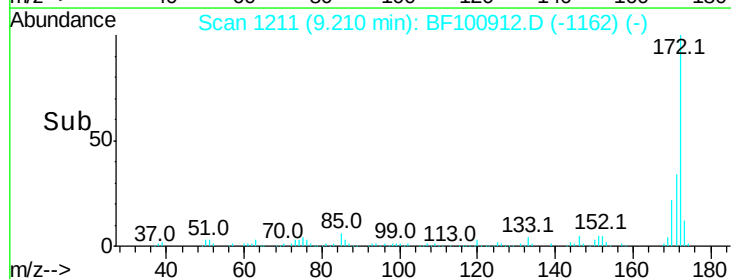
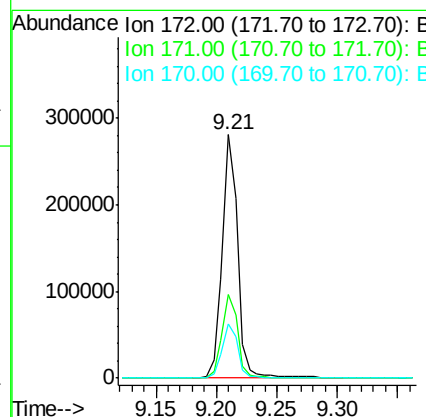
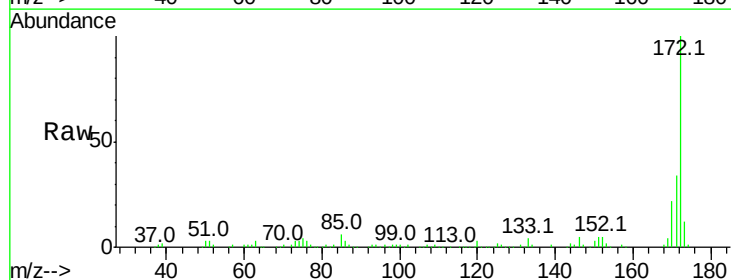
Instrument :
 BNA_F
 ClientSampleId :

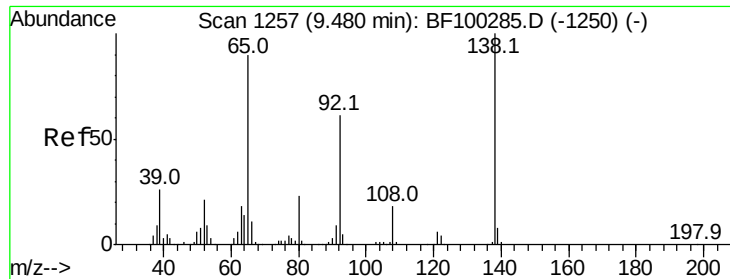
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	29.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 33.229 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100912.D
 Acq: 28 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.4	19.6	29.4





#47

2-Nitroaniline

Concen: 2.833 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.24 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

Instrument :

BNA_F

ClientSampled :

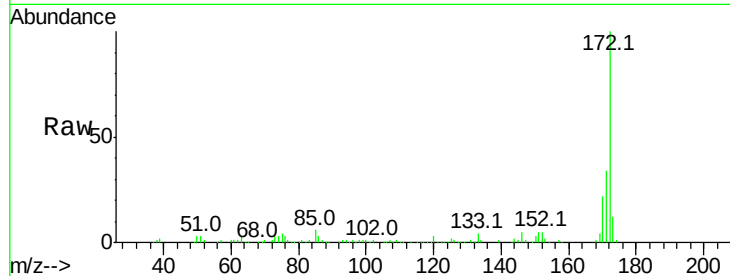
Tot Ion: 65 Resp: 110

Ion Ratio Lower Upper

65 100

92 256.4 55.8 83.6#

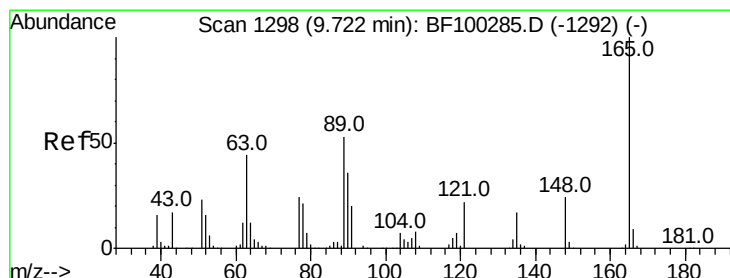
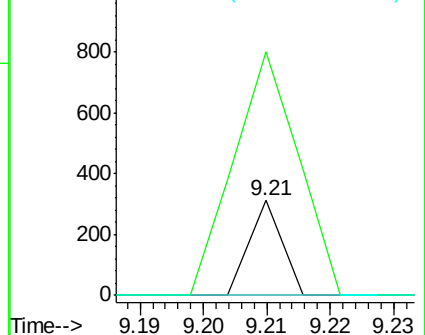
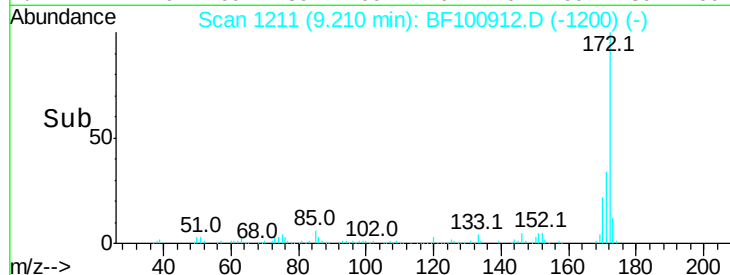
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.167 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

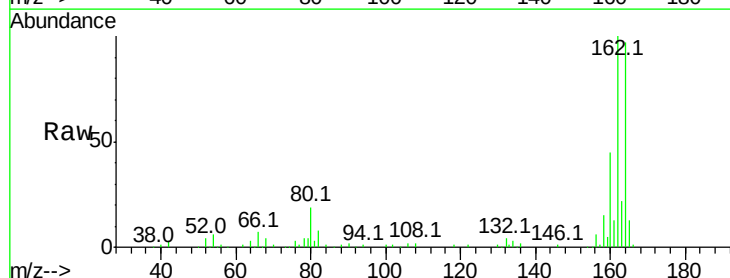
Tgt Ion:165 Resp: 13939

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

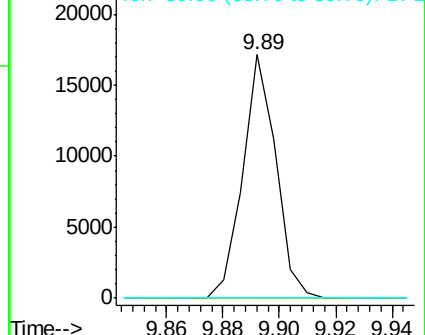
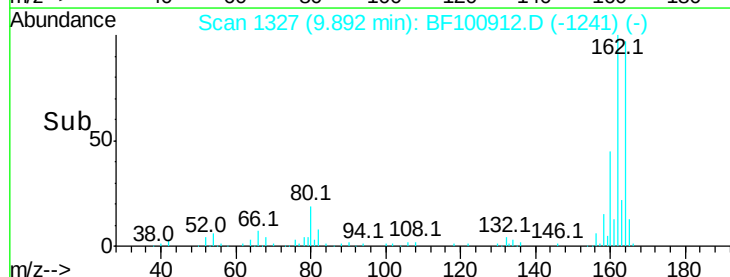
89 0.0 44.0 66.0#

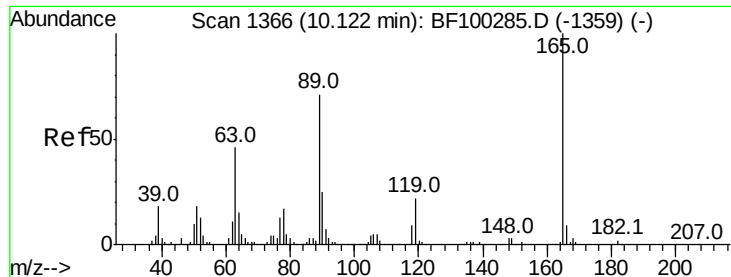


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

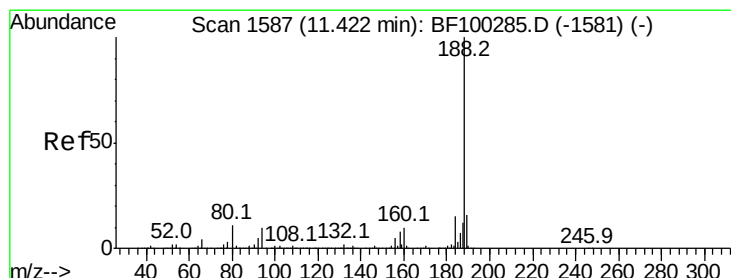
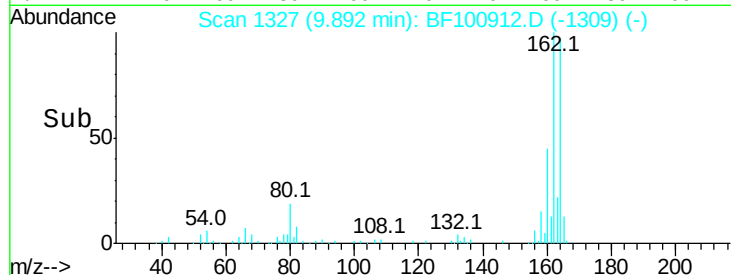
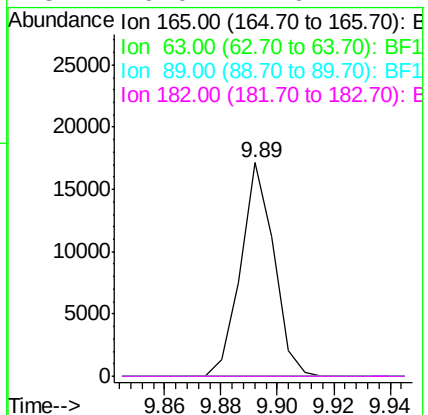
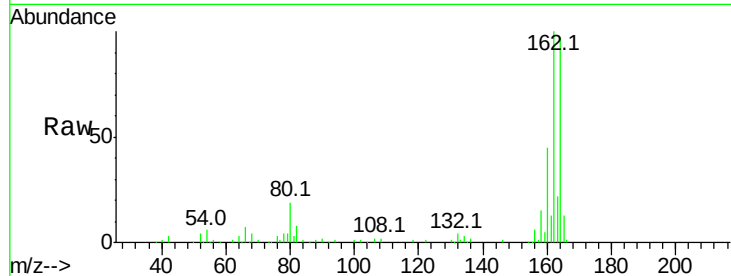




#56
 2,4-Dinitrotoluene
 Concen: 6.474 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100912.D
 Acq: 28 Nov 2017 1:05

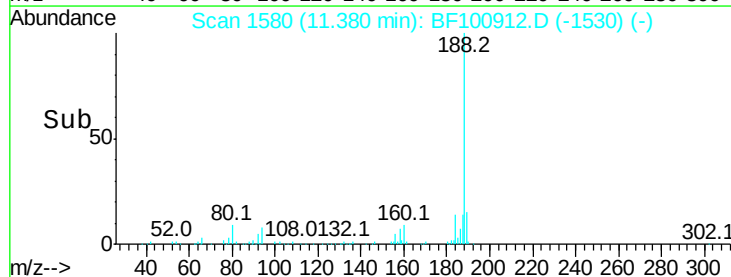
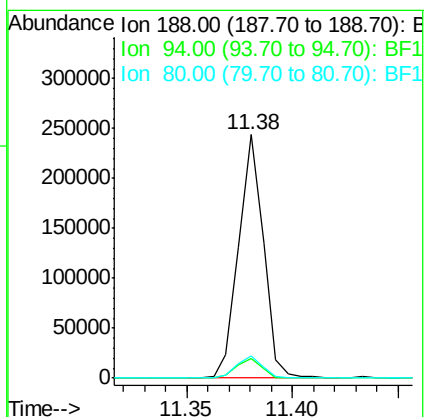
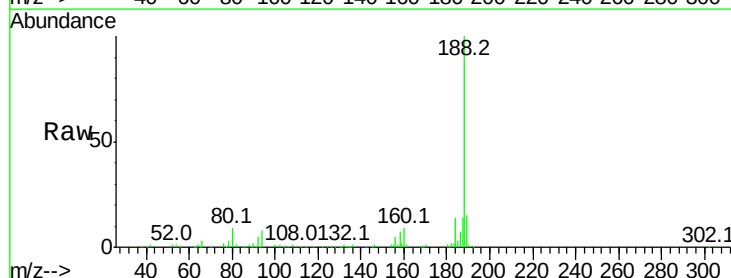
Instrument :
 BNA_F
 ClientSampled :

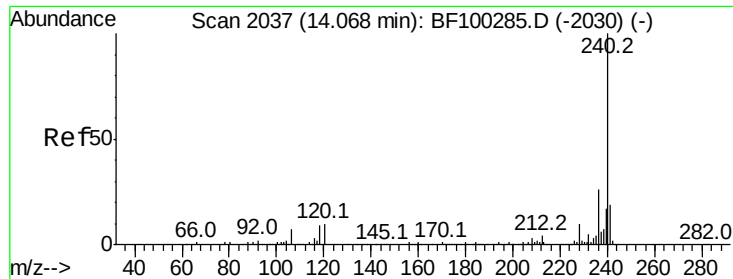
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100912.D
 Acq: 28 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

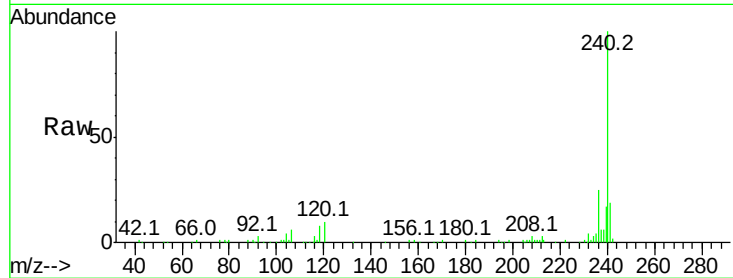
Tot Ion:240 Resp: 141147

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

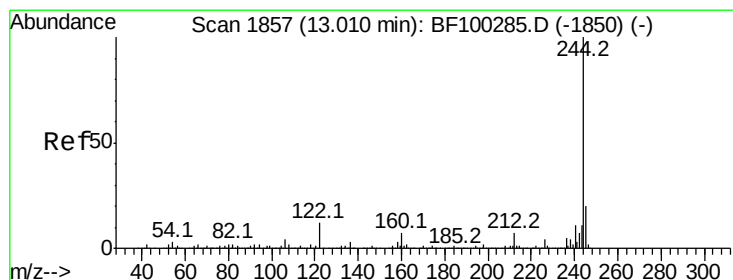
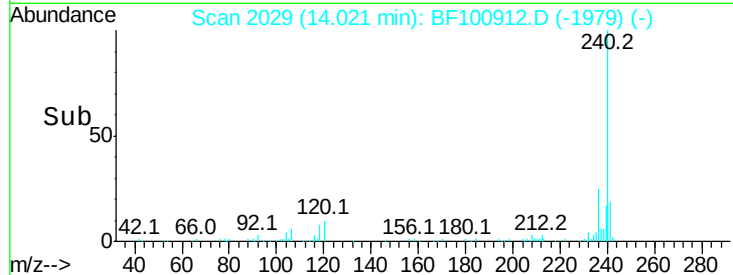
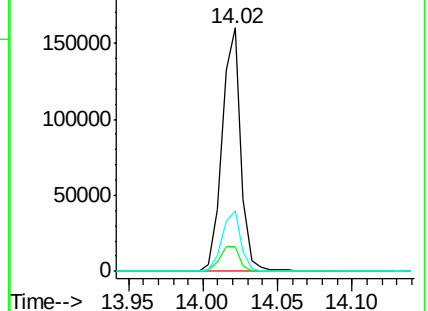
236 25.1 20.7 31.1



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: 32.069 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100912.D

Acq: 28 Nov 2017 1:05

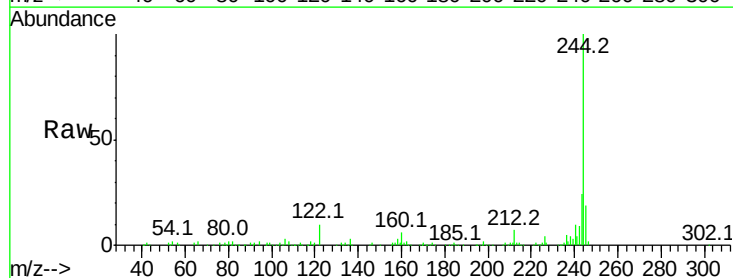
Tgt Ion:244 Resp: 197000

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

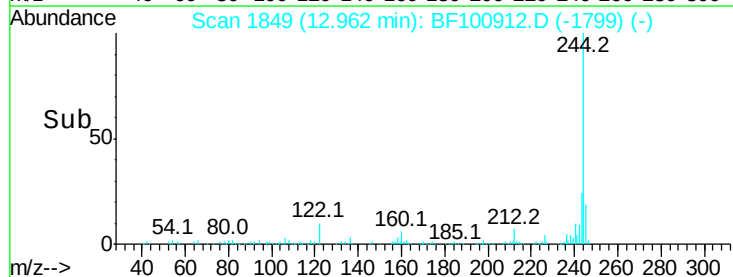
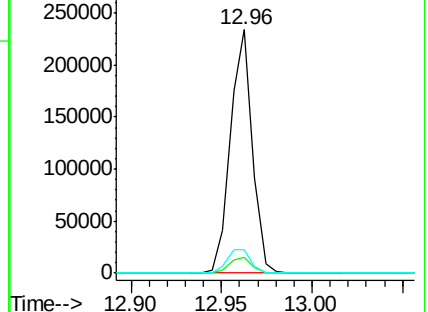
122 9.8 11.0 16.4#

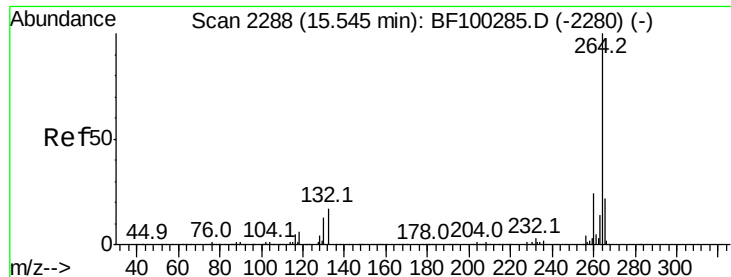


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100912.D
 Acq: 28 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

