

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100500.D
 Acq On : 13 Nov 2017 14:08
 Operator : SJ/JU
 Sample : I6396-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 15:36:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	95817	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	380207	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	171626	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	287273	20.00	ng	0.00
75) Chrysene-d12	14.04	240	197964	20.00	ng	0.00
86) Perylene-d12	15.53	264	197229	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	731590	122.39	ng	0.01
7) Phenol-d6	6.52	99	889610	120.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	570454	99.19	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	231982	132.65	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1143645	101.47	ng	0.00
78) Terphenyl-d14	13.00	244	815025	94.60	ng	0.00

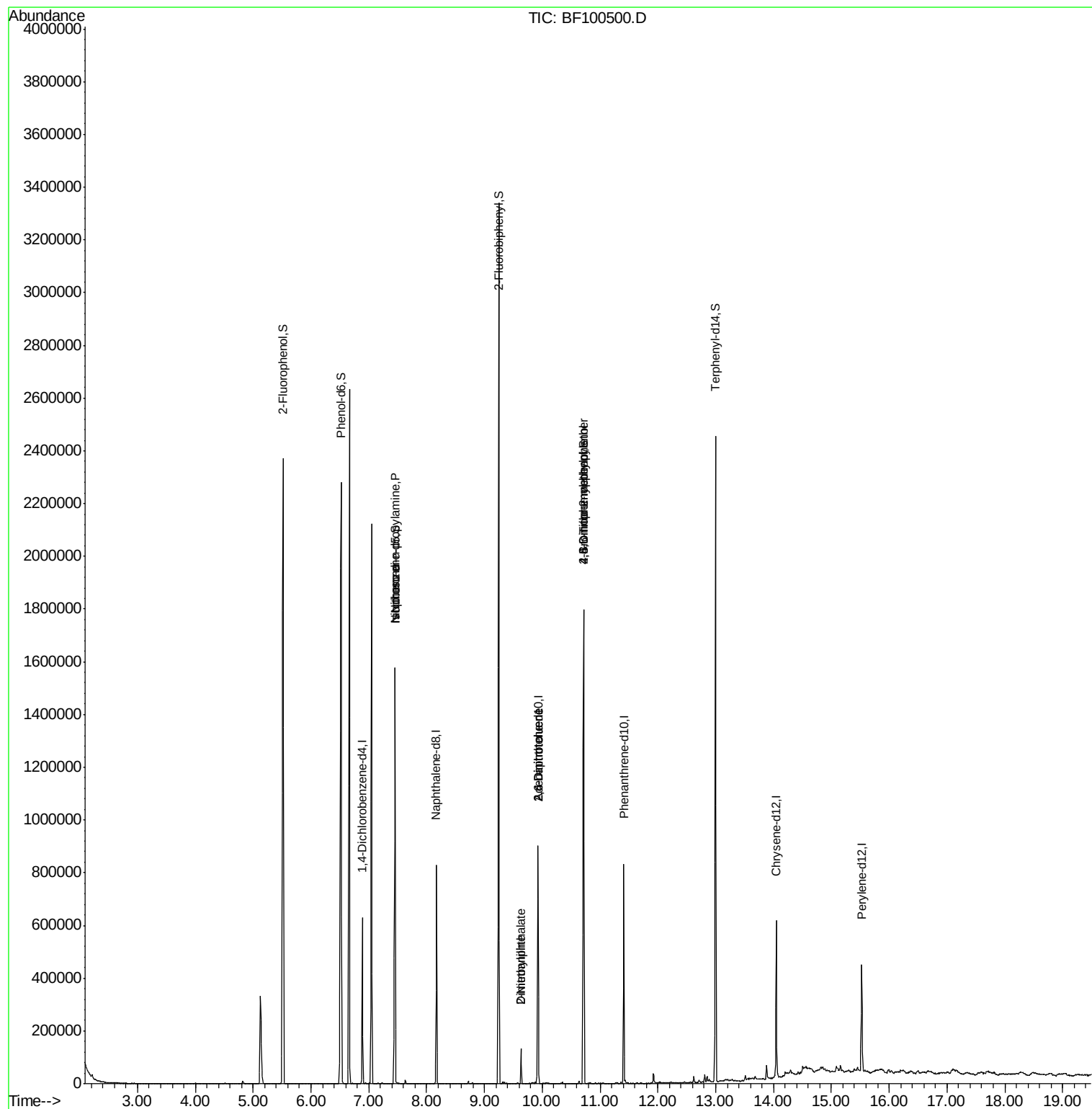
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	77972	15.253	ng	# 82
25) Isophorone	7.46	82	570445	47.203	ng	# 64
47) 2-Nitroaniline	9.63	65	193	2.841	ng	# 1
49) Dimethylphthalate	9.63	163	46983	3.585	ng	# 98
50) 2,6-Dinitrotoluene	9.93	165	21001	8.096	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	21001	6.418	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	456	8.828	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	14690	4.770	ng	# 1

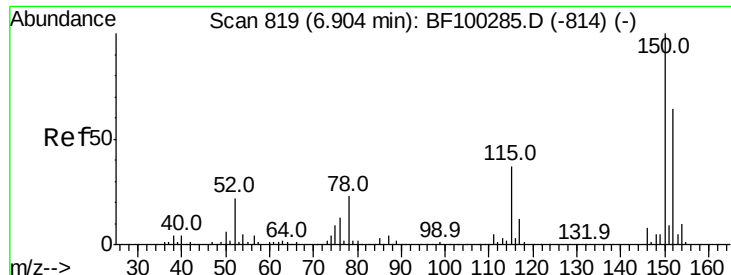
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
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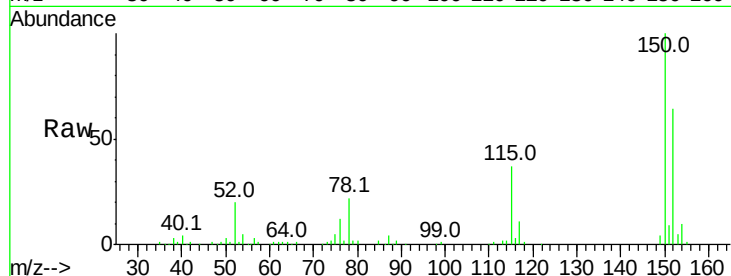


#1

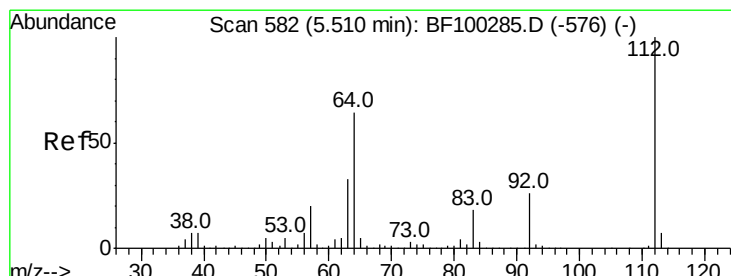
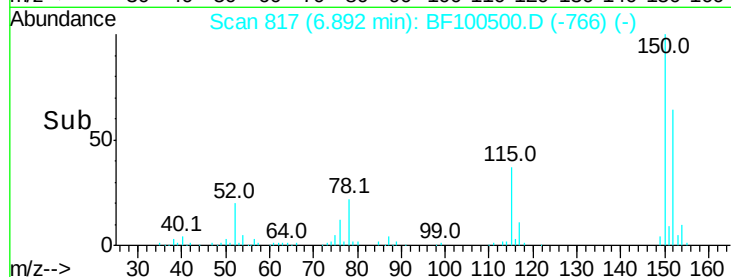
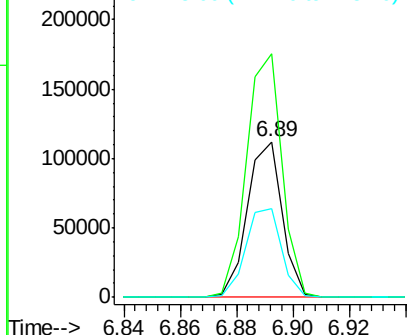
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.6	50.1	75.1



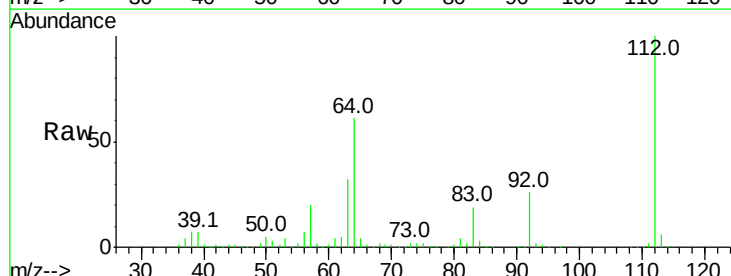
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



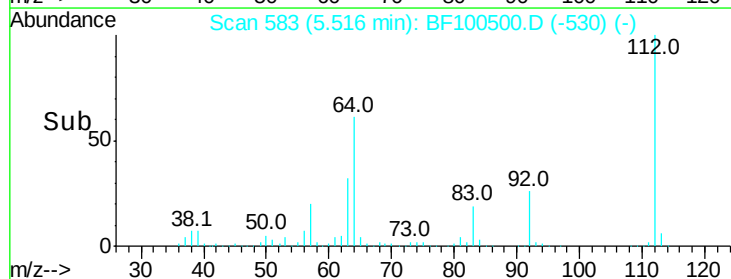
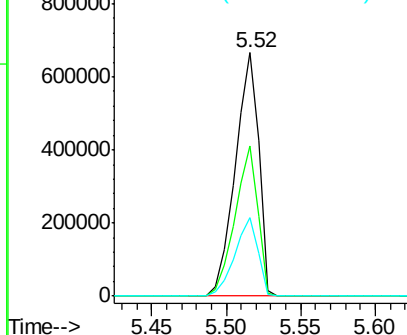
#5

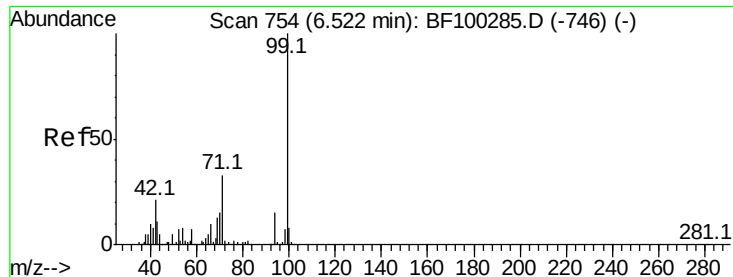
2-Fluorophenol
Concen: 122.393 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	32.1	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: 120.692 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Instrument :

BNA_F

ClientSampled :

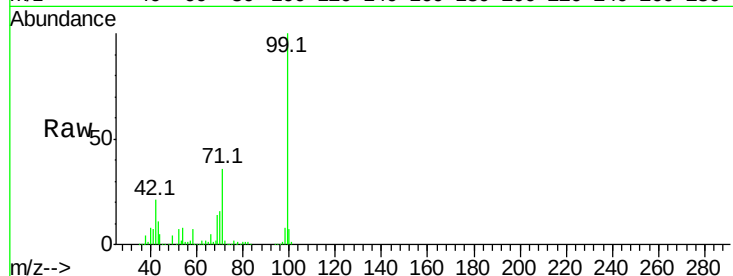
Tot Ion: 99 Resp: 889610

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

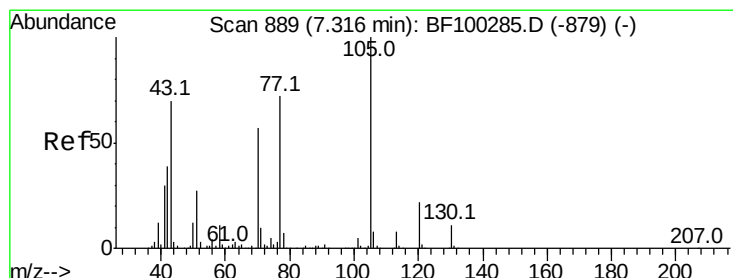
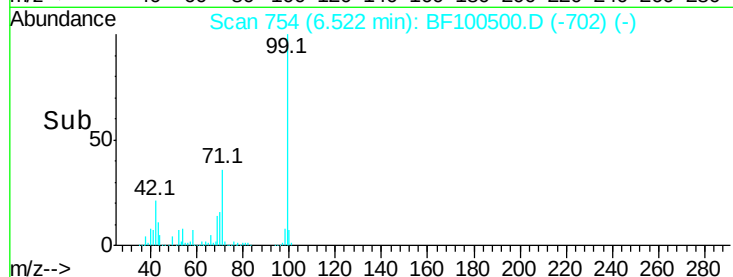
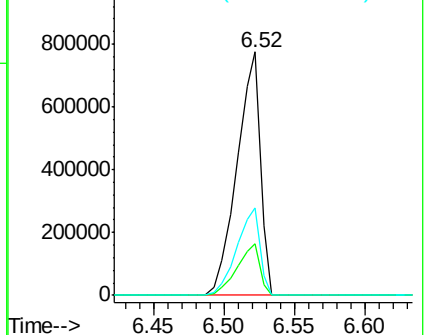
71 36.0 25.4 38.0



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: 15.253 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Tgt Ion: 70 Resp: 77972

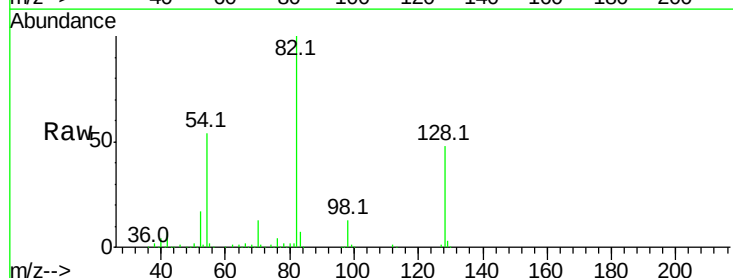
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

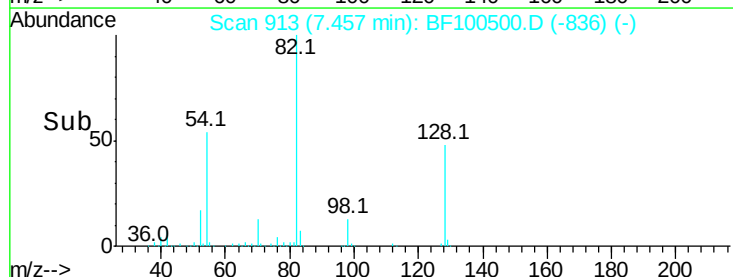
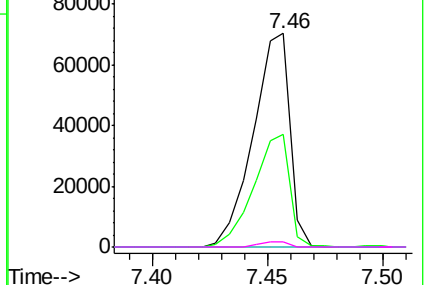


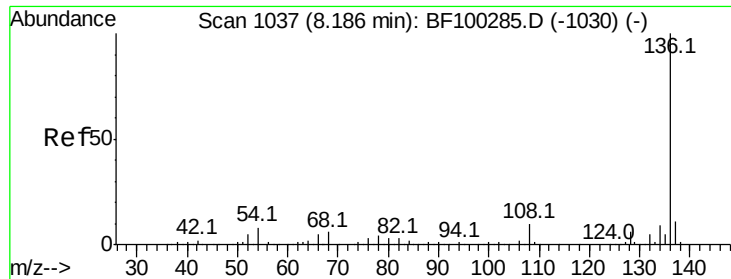
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

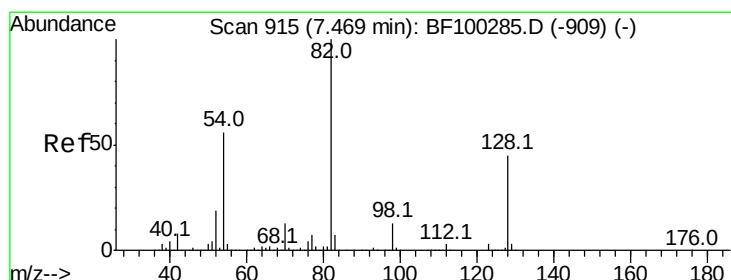
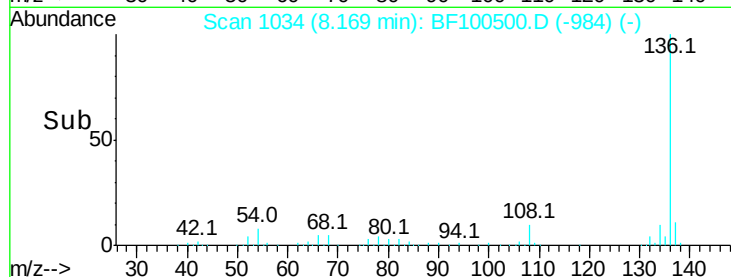
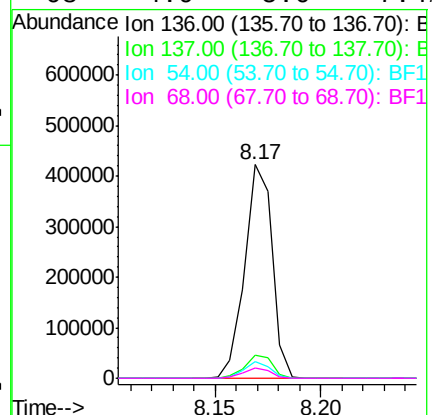
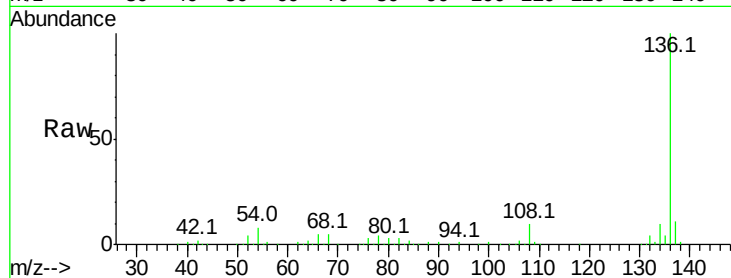




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

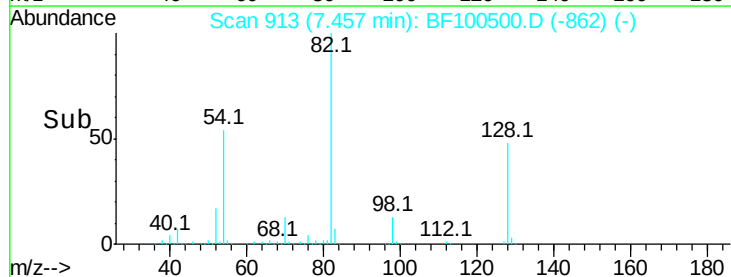
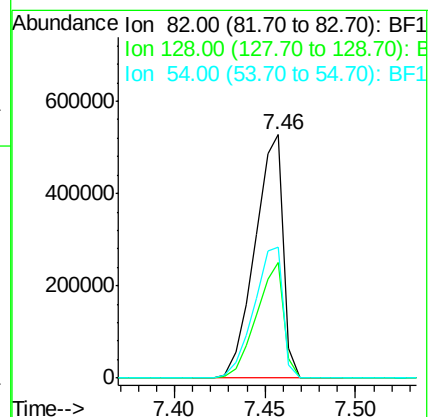
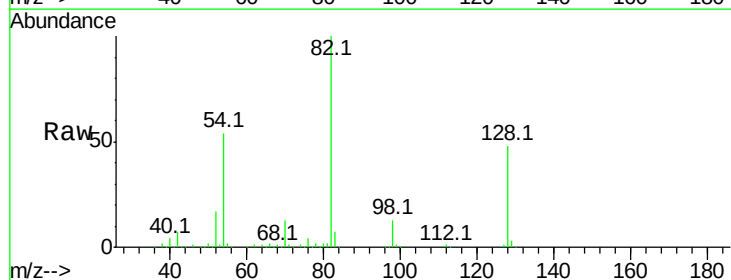
Instrument :
BNA_F
ClientSampleId :

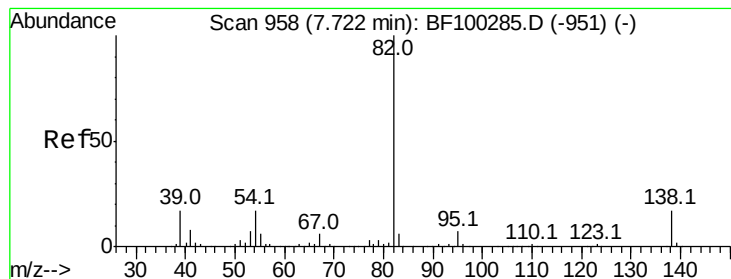
Tot Ion:	136	Resp:	380207
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 99.195 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Tgt Ion:	82	Resp:	570454
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	53.7	41.4	62.2





#25

Isophorone

Concen: 47.203 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.25 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Instrument :

BNA_F

ClientSampleId :

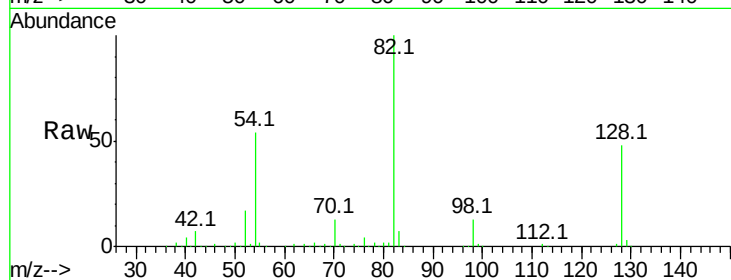
Tot Ion: 82 Resp: 570445

Ion Ratio Lower Upper

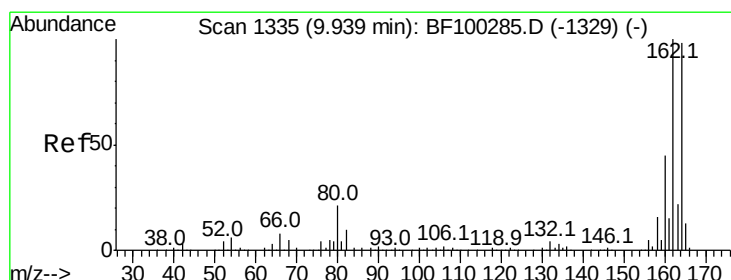
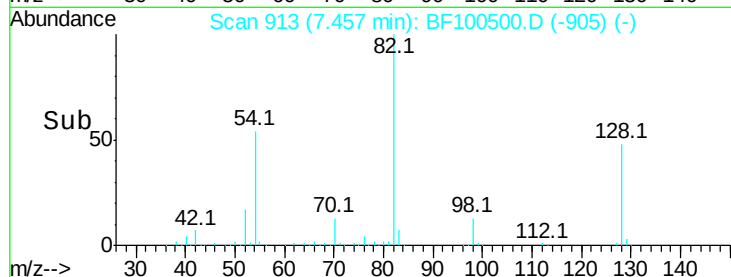
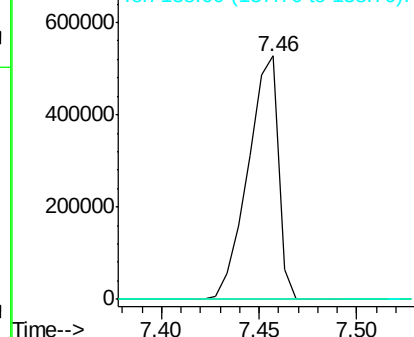
82 100

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: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

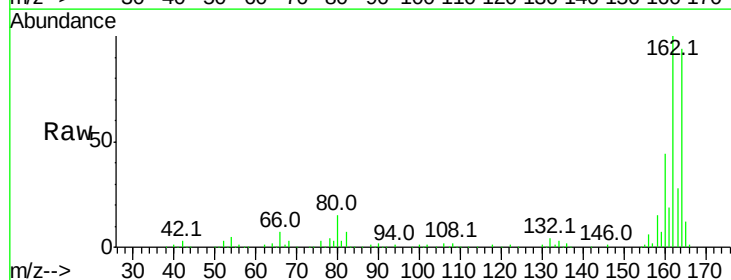
Tgt Ion:164 Resp: 171626

Ion Ratio Lower Upper

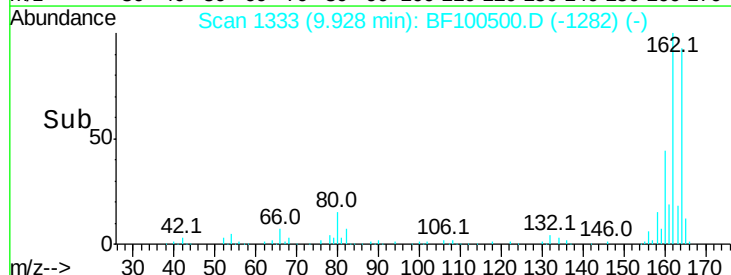
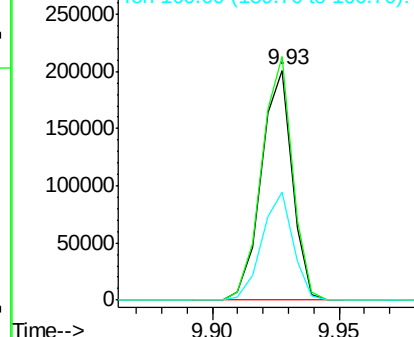
164 100

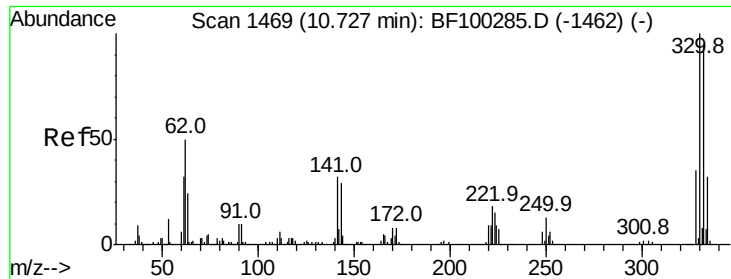
162 105.9 86.1 129.1

160 46.8 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

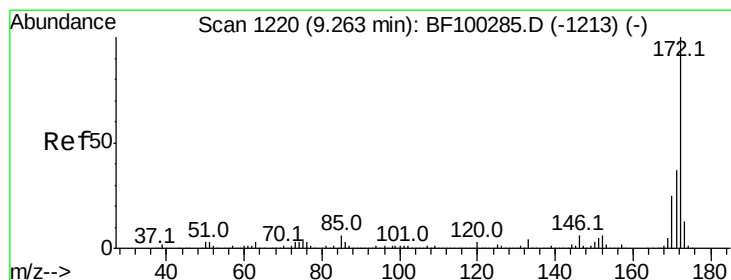
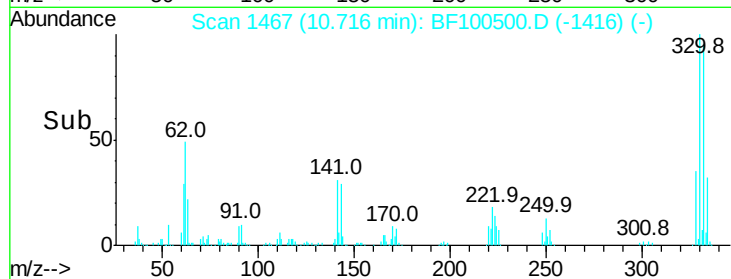
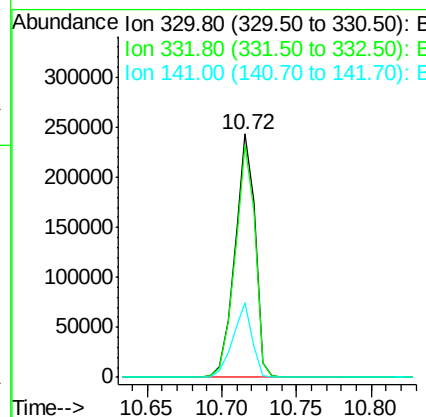
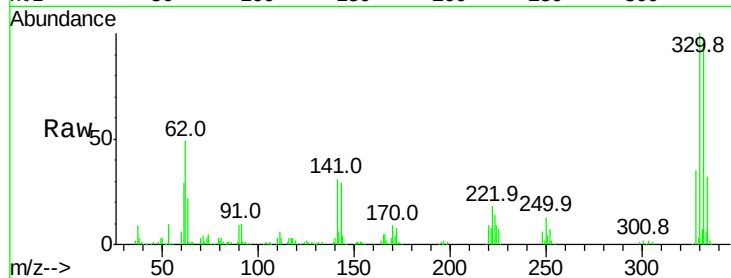




#41
 2,4,6-Tribromophenol
 Concen: 132.647 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100500.D
 Acq: 13 Nov 2017 14:08

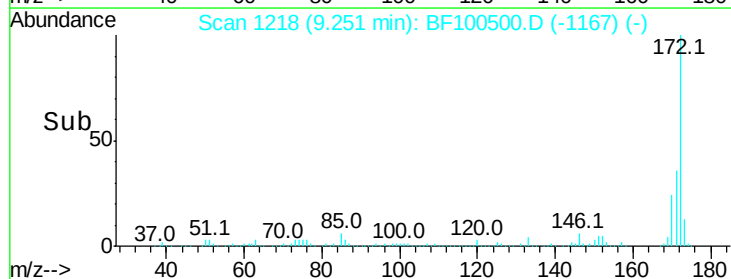
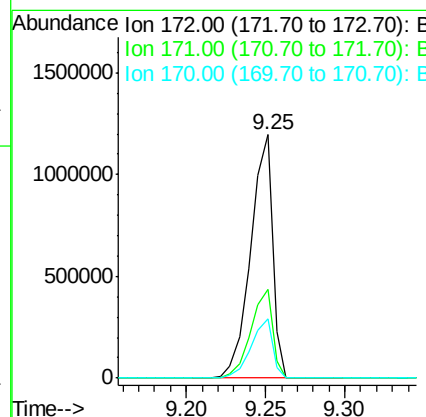
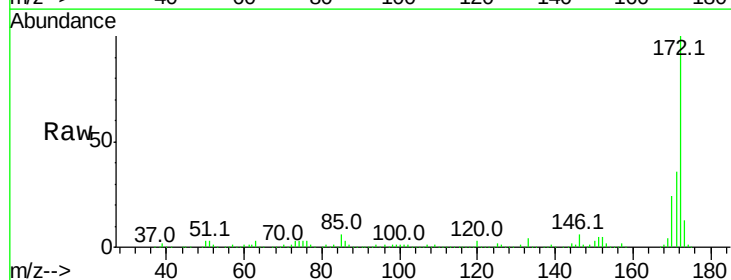
Instrument :
 BNA_F
 ClientSampleId :

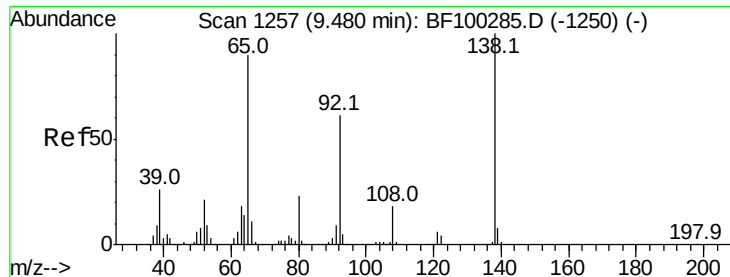
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	29.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.467 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF100500.D
 Acq: 13 Nov 2017 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

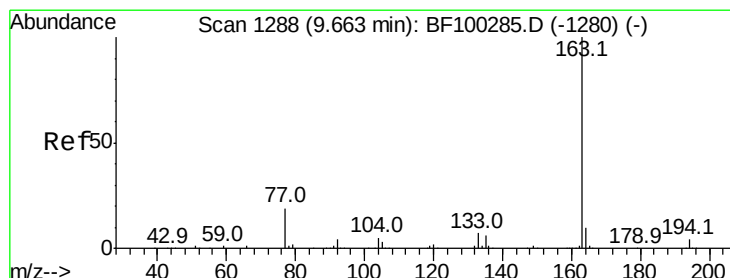
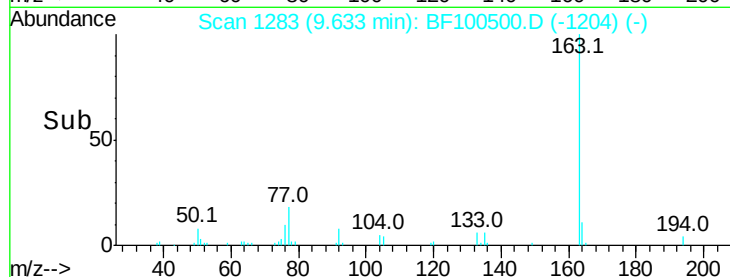
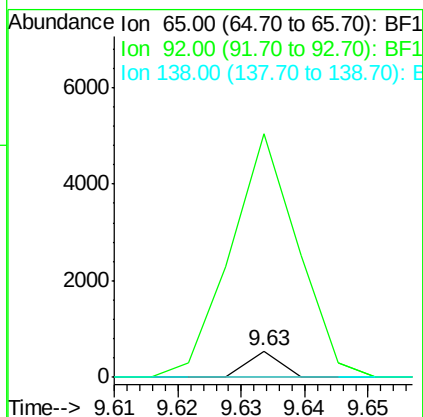
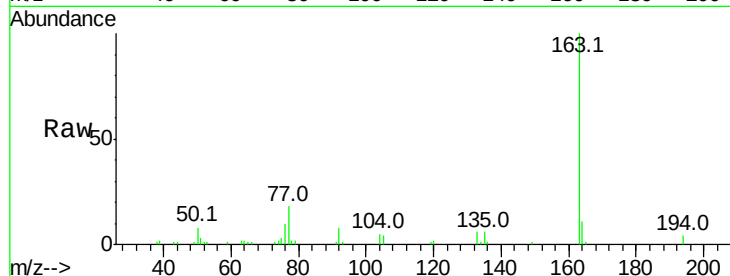




#47
2-Nitroaniline
Concen: 2.841 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.16 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

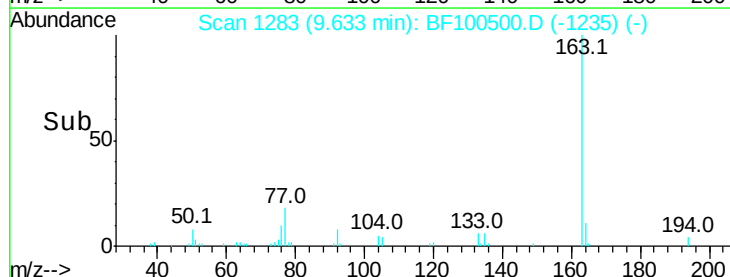
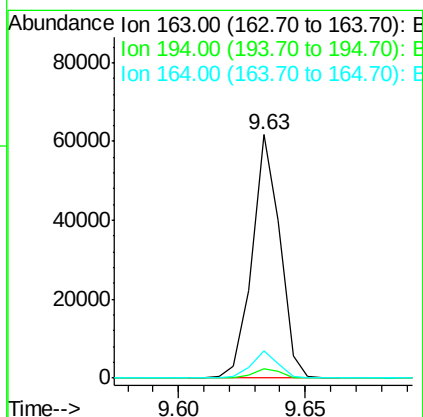
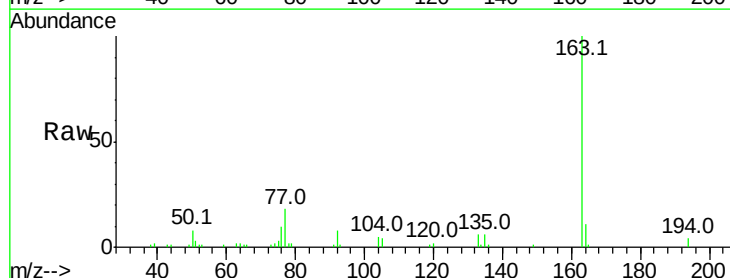
Instrument :
BNA_F
ClientSampleId :

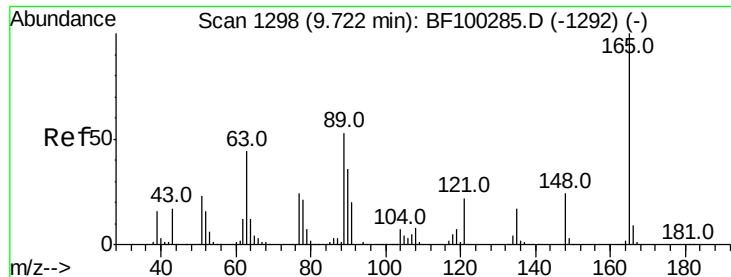
Tot Ion: 65 Resp: 193
Ion Ratio Lower Upper
65 100
92 921.4 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 3.585 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Tgt Ion:163 Resp: 46983
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.2 8.2 12.2

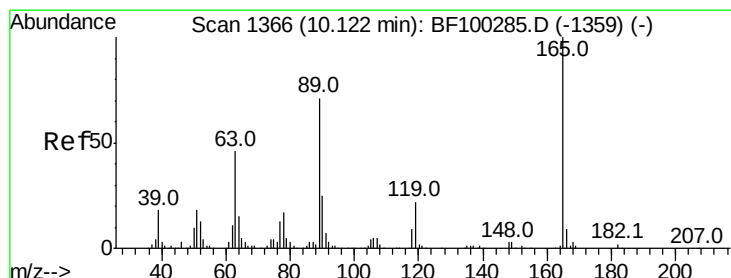
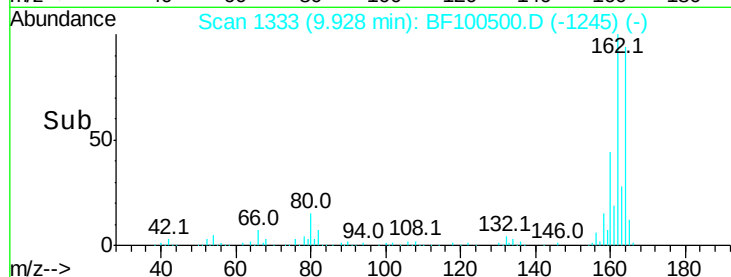
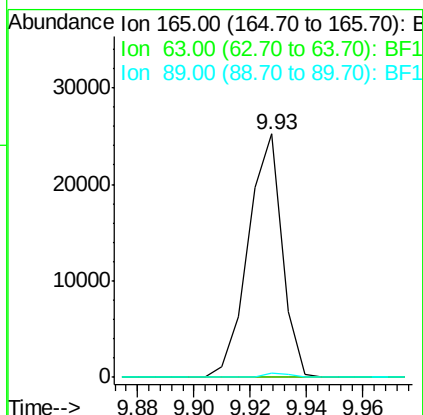
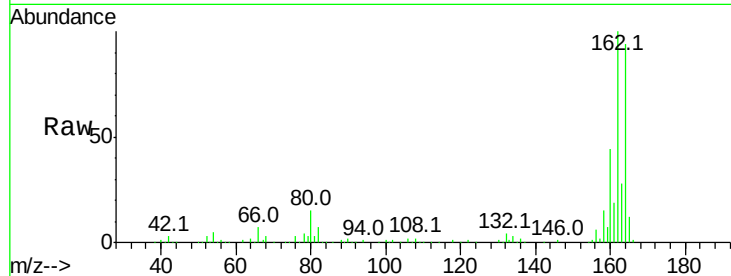




#50
2,6-Dinitrotoluene
Concen: 8.096 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

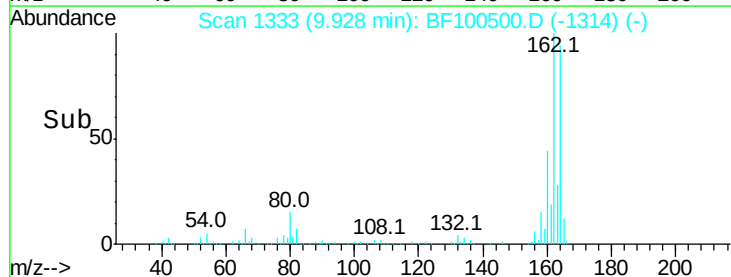
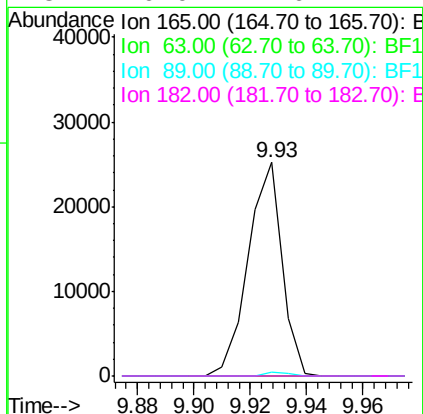
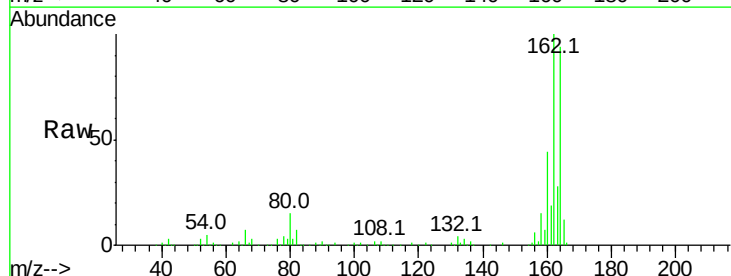
Instrument :
BNA_F
ClientSampleId :

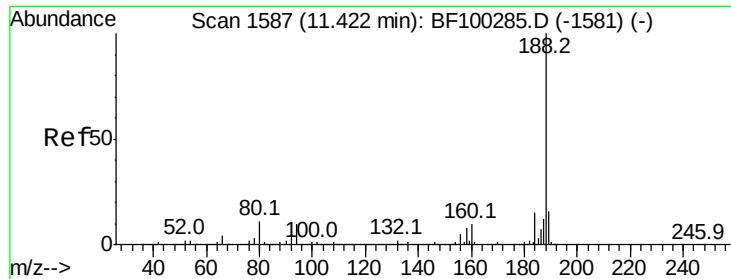
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.9	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Instrument :

BNA_F

ClientSampleId :

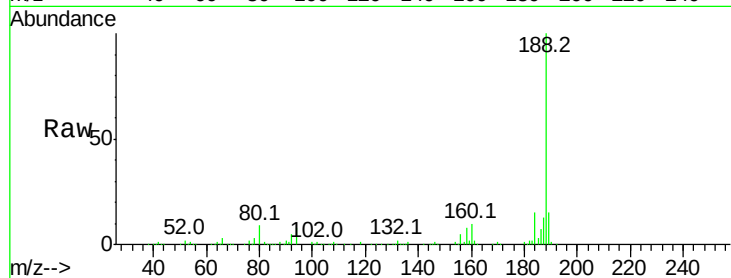
Tot Ion:188 Resp: 287273

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

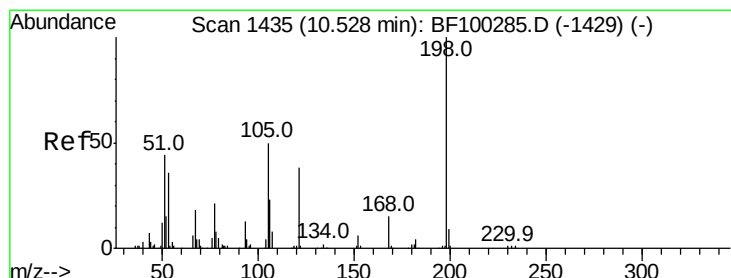
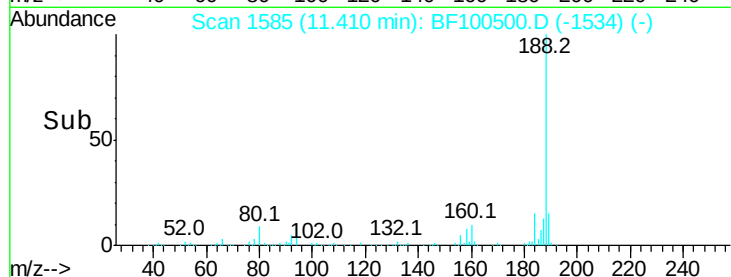
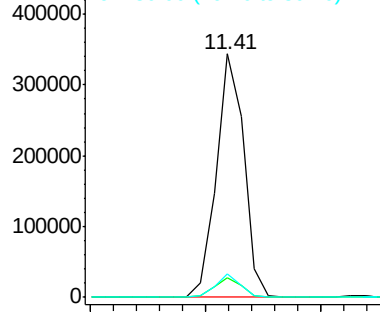
80 9.4 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.828 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

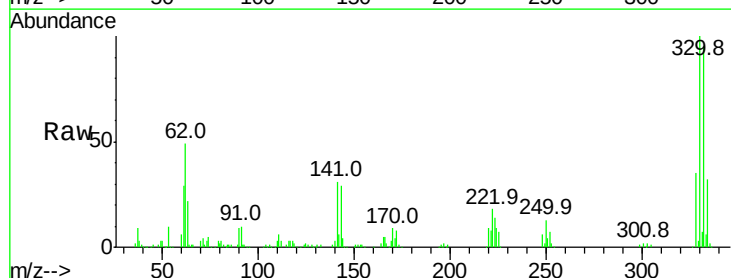
Tgt Ion:198 Resp: 456

Ion Ratio Lower Upper

198 100

51 159.6 37.7 77.7#

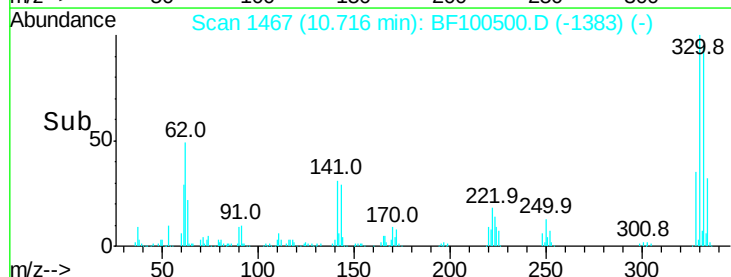
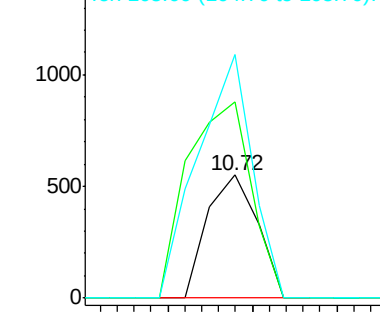
105 197.6 36.3 76.3#

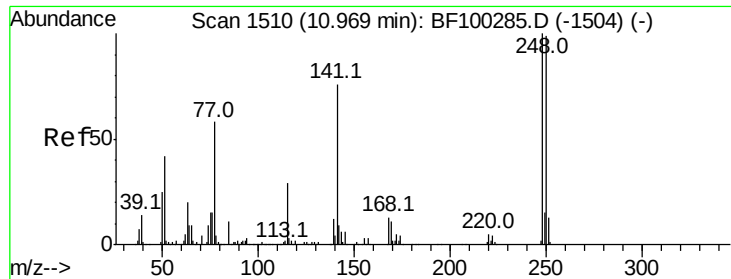


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

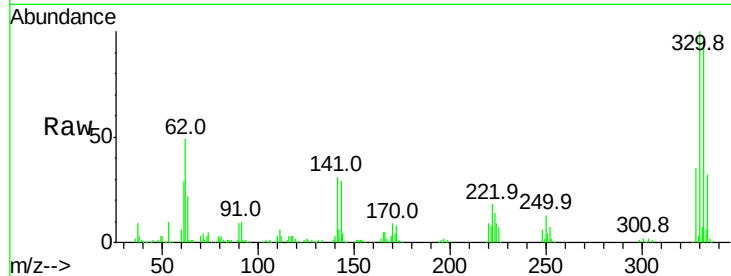




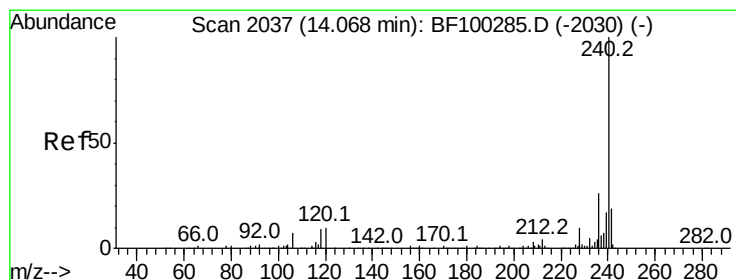
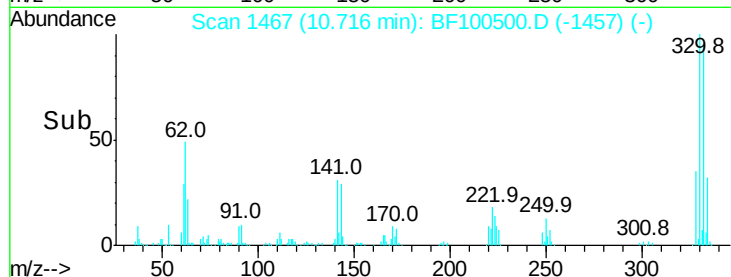
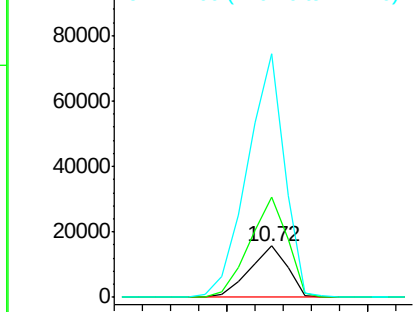
#66
4-Bromophenyl-phenylether
Concen: 4.770 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14690
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 472.2 74.4 111.6#

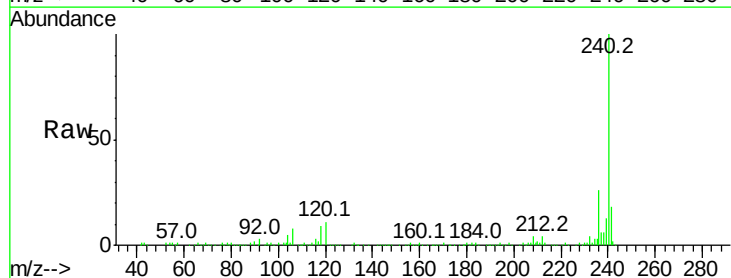


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

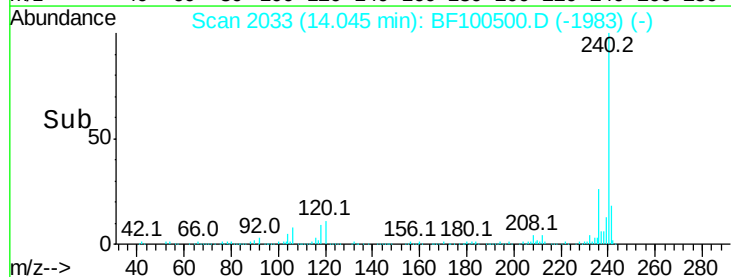
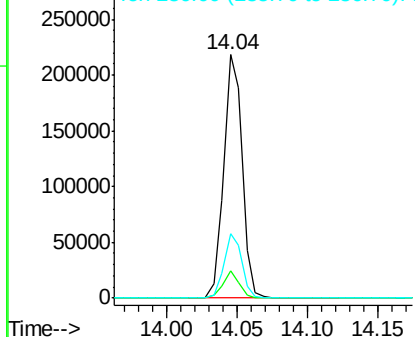


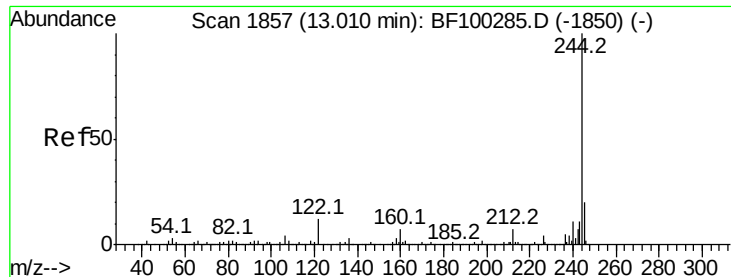
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100500.D
Acq: 13 Nov 2017 14:08

Tgt Ion:240 Resp: 197964
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.3 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: 94.597 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Instrument :

BNA_F

ClientSampled :

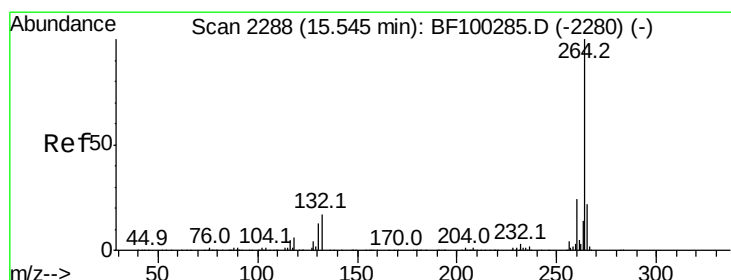
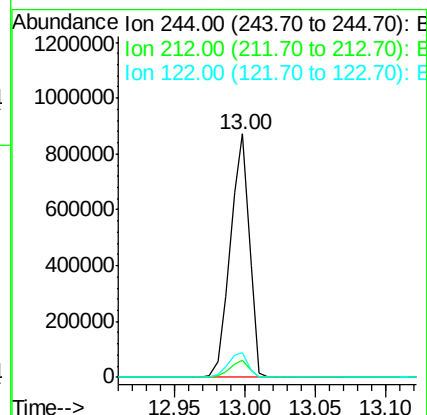
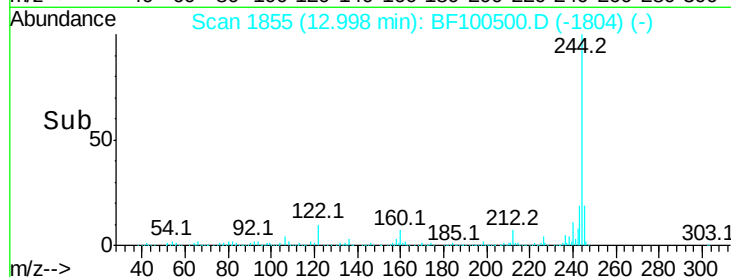
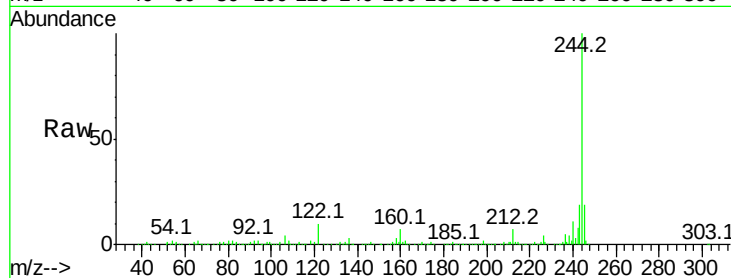
Tot Ion:244 Resp: 815025

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.2 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF100500.D

Acq: 13 Nov 2017 14:08

Tgt Ion:264 Resp: 197229

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.8 17.5 26.3

