

Data File : BF100700.D
Acq On : 18 Nov 2017 3:18
Operator : SJ/JU
Sample : I6340-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-8B

Quant Time: Nov 18 03:51:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97779	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	368699	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	145626	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	223321	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223421	20.00	ng	0.00
86) Perylene-d12	15.52	264	184210	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	669603	109.77	ng	0.02
7) Phenol-d6	6.51	99	795753	105.79	ng	0.00
23) Nitrobenzene-d5	7.45	82	483921	86.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	147719	99.55	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	806480	84.33	ng	0.00
78) Terphenyl-d14	12.99	244	556179	57.20	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	31900	4.04	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	64258	12.32	ng	# 76
25) Isophorone	7.45	82	484001	41.30	ng	# 64
47) 2-Nitroaniline	9.63	65	271	2.88	ng	# 1
49) Dimethylphthalate	9.63	163	35698	3.21	ng	# 99
50) 2,6-Dinitrotoluene	9.92	165	18492	8.40	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	18492	6.66	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	111	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8927	3.73	ng	# 1

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

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HL-8B

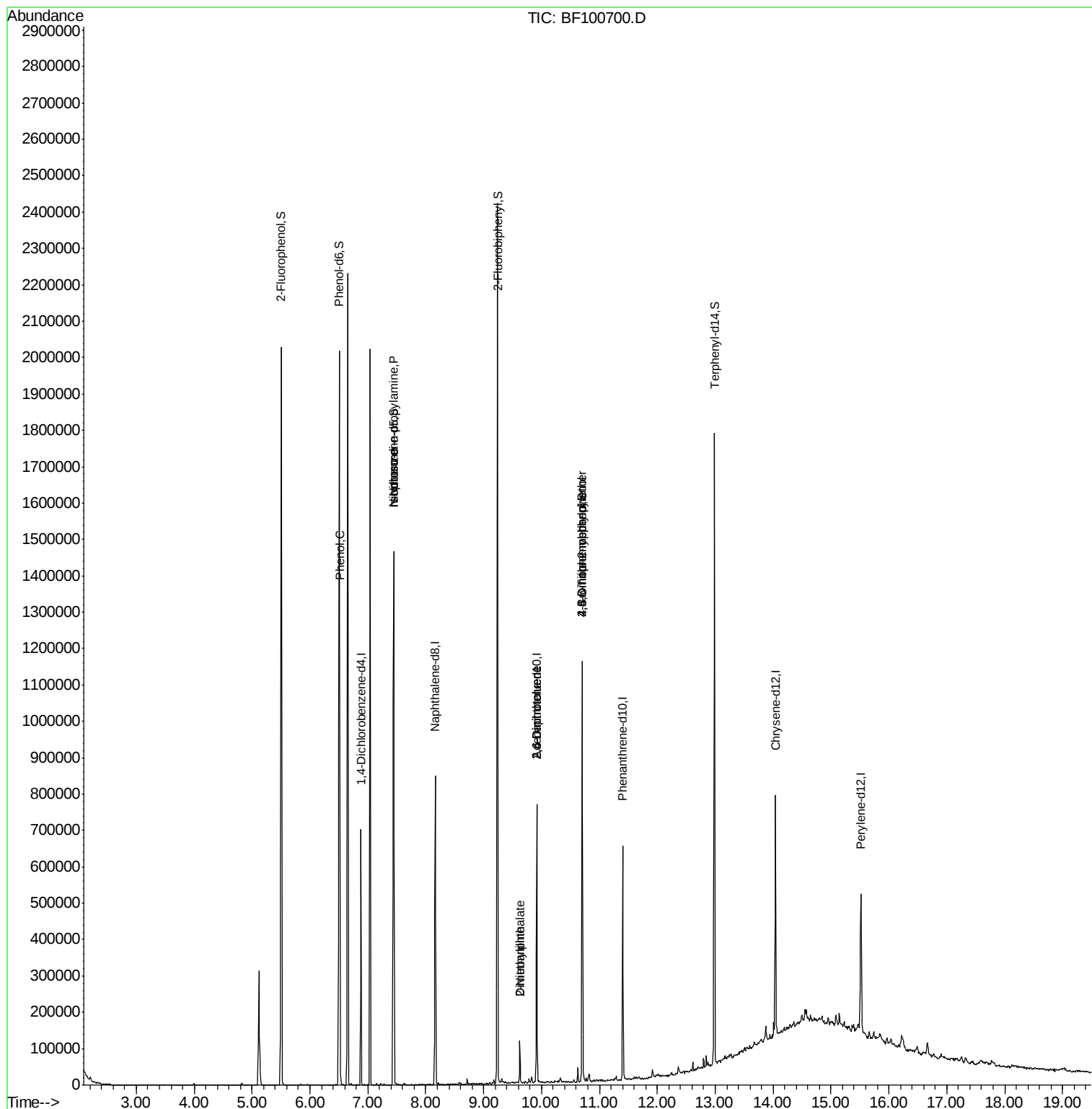
Quant Time: Nov 18 03:51:00 2017

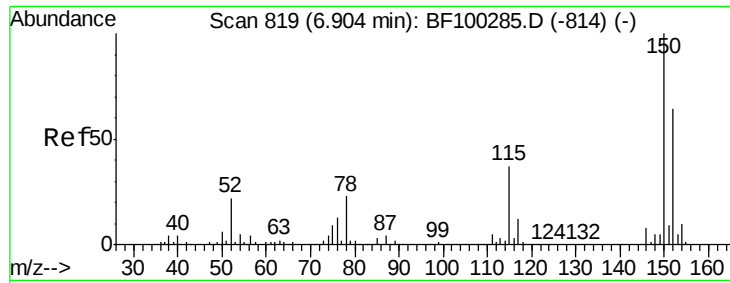
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

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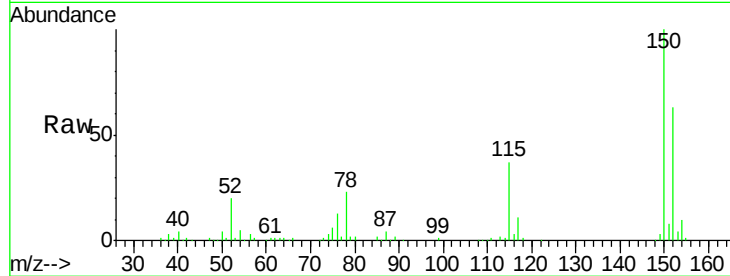


#1

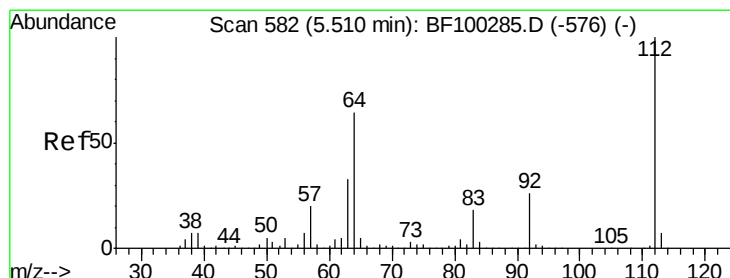
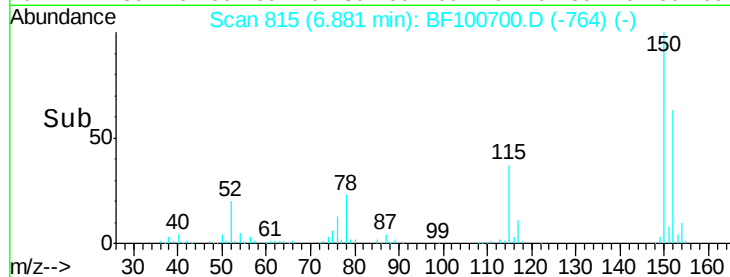
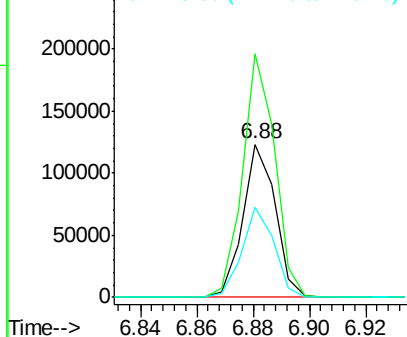
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampled :
HL-8B

Tgt Ion:152 Resp: 97779
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.2 50.1 75.1



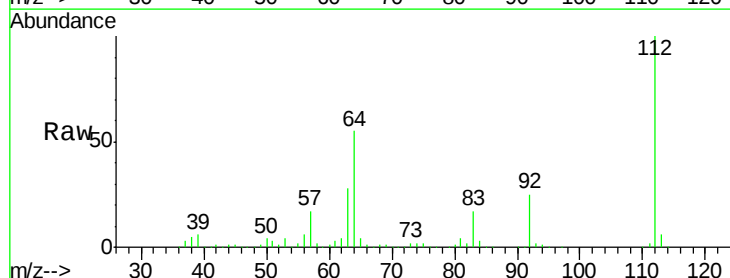
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



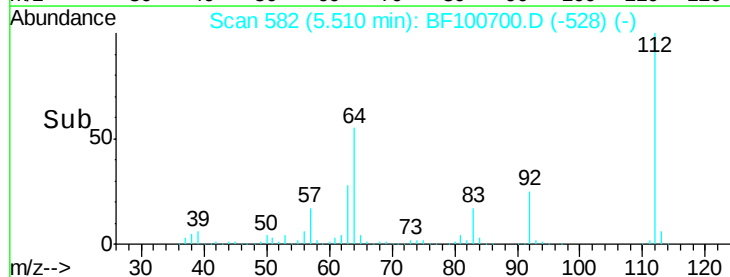
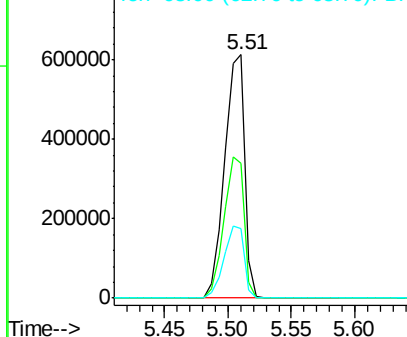
#5

2-Fluorophenol
Concen: 109.77 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Tgt Ion:112 Resp: 669603
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.5 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: 105.79 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100700.D

Acq: 18 Nov 2017 3:18

Instrument :

BNA_F

ClientSampleId :

HL-8B

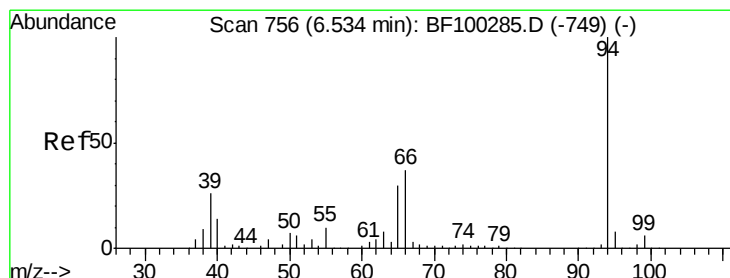
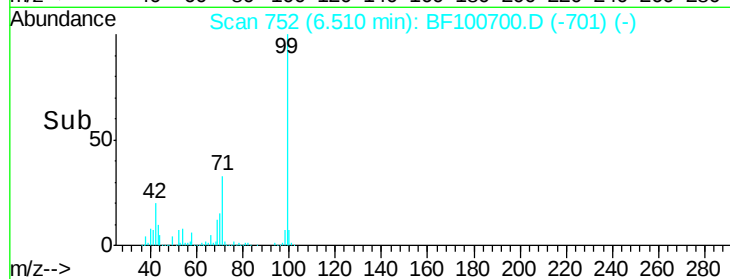
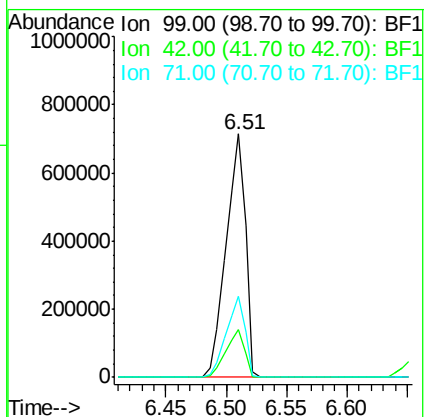
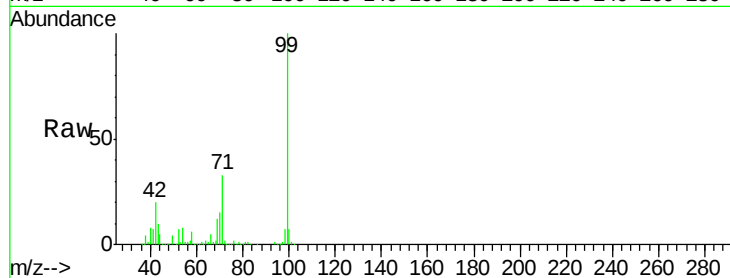
Tgt Ion: 99 Resp: 795753

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 4.04 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100700.D

Acq: 18 Nov 2017 3:18

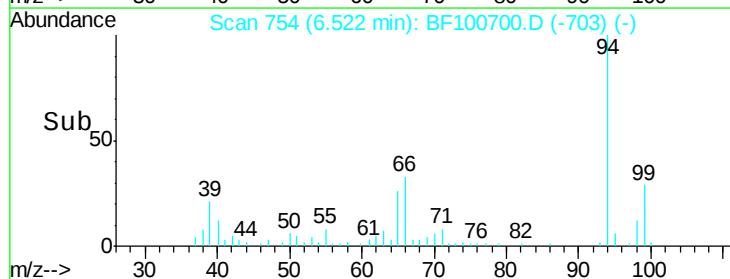
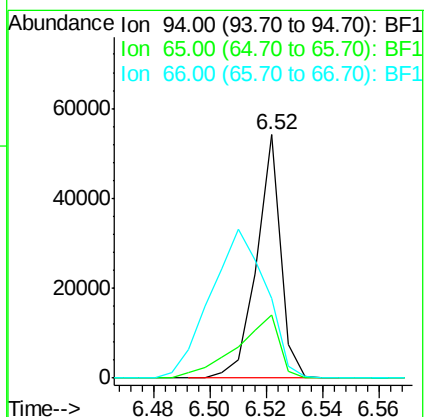
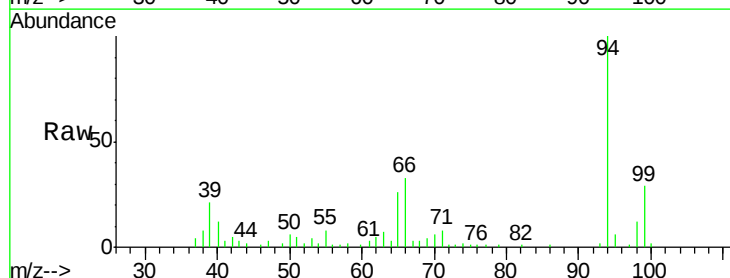
Tgt Ion: 94 Resp: 31900

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

66 32.6 16.2 56.2

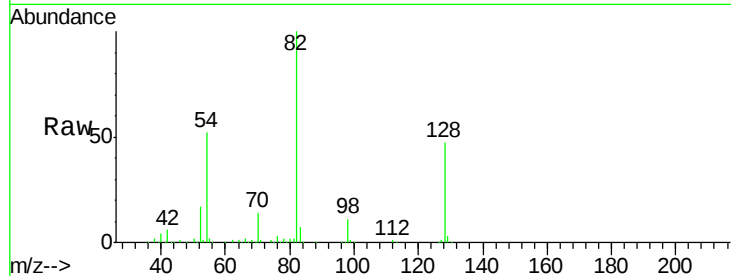




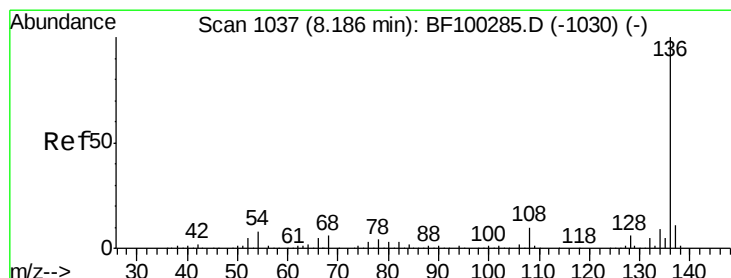
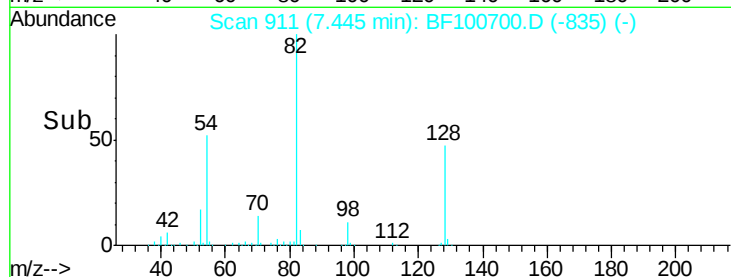
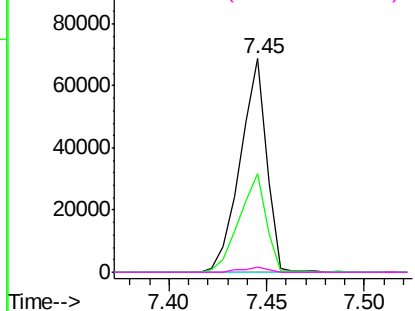
#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampleId :
HL-8B

Tgt Ion: 70 Resp: 64258
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

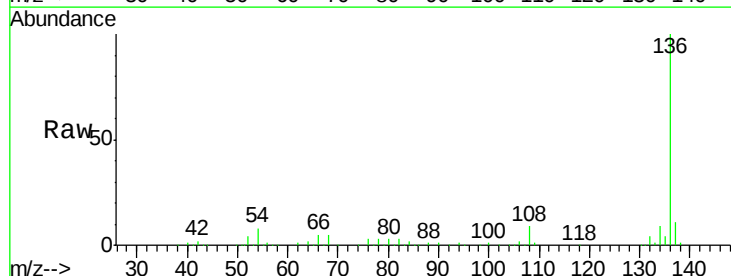


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

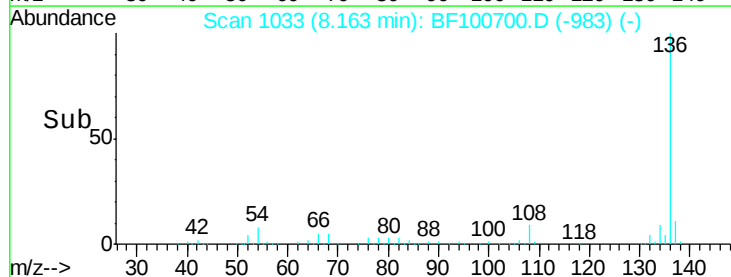
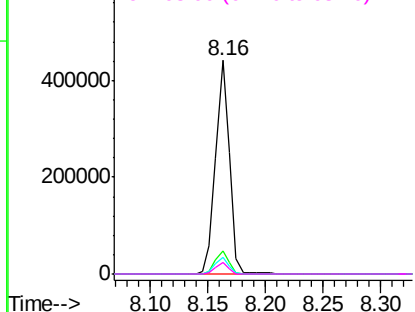


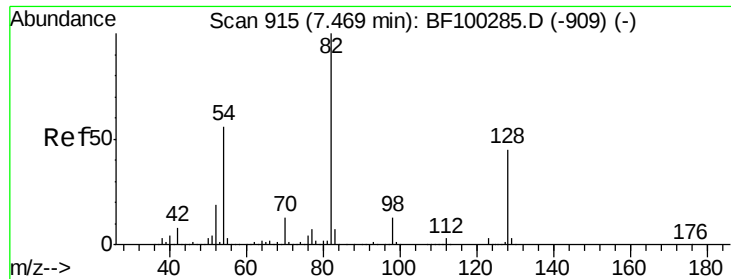
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Tgt Ion: 136 Resp: 368699
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.0 6.6 9.8
68 5.2 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

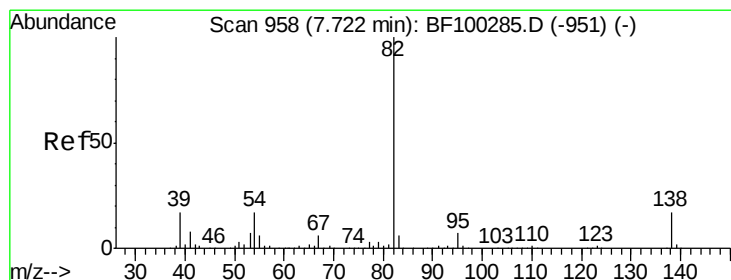
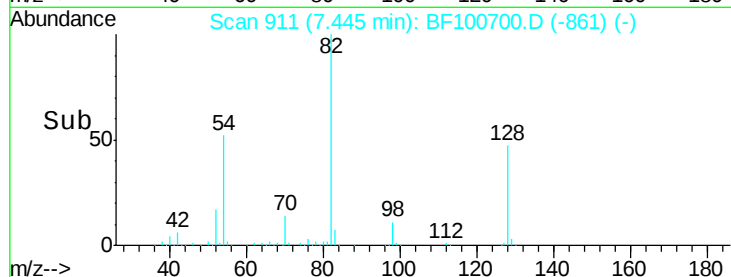
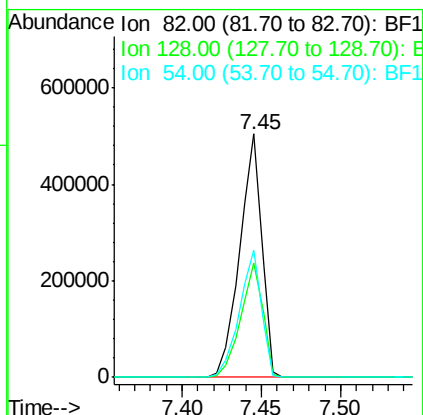
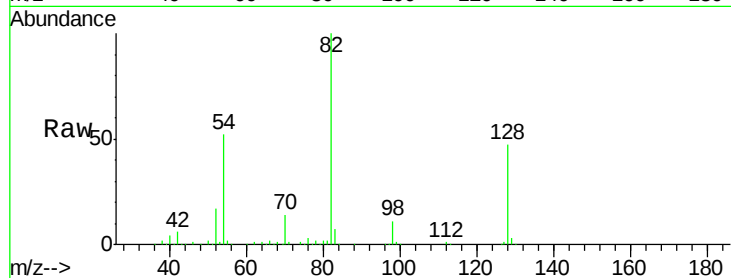




#23
 Nitrobenzene-d5
 Concen: 86.77 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

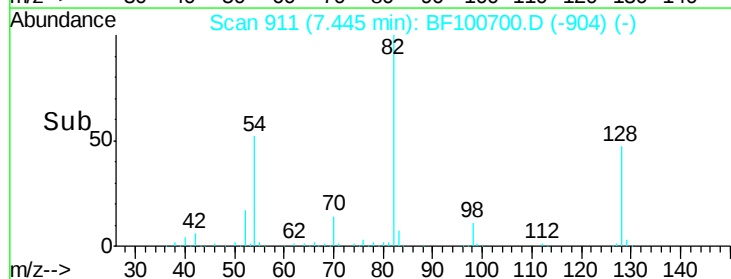
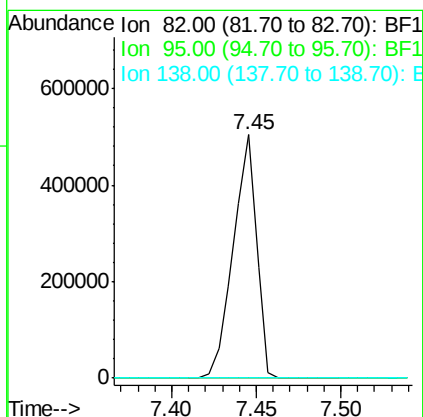
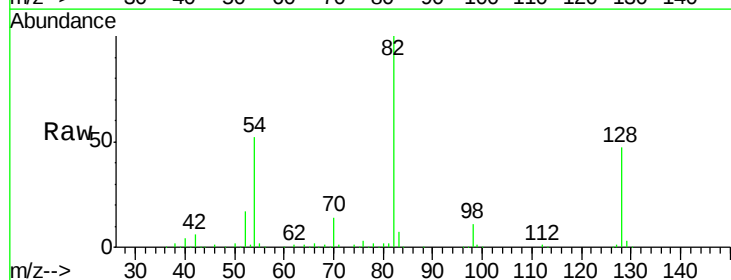
Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

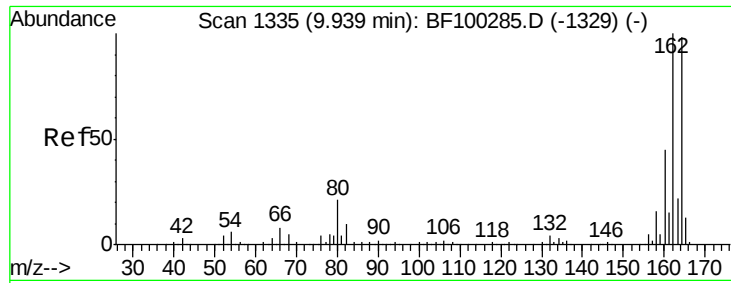
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.3	41.4	62.2



#25
 Isophorone
 Concen: 41.30 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

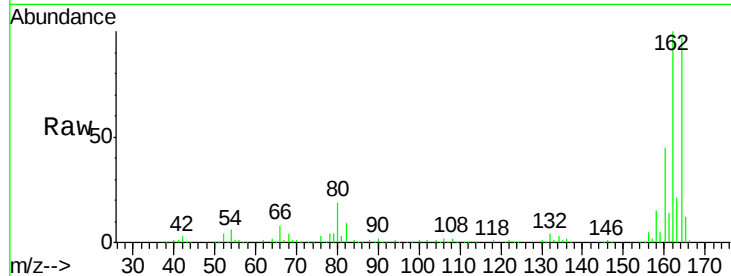




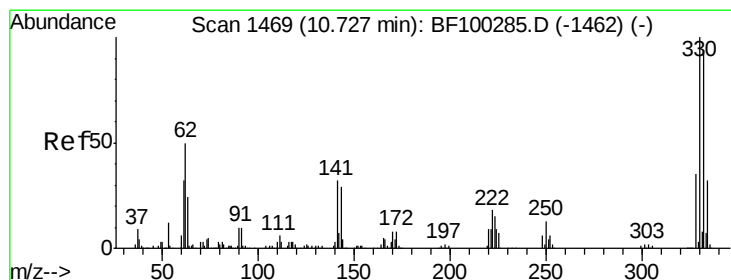
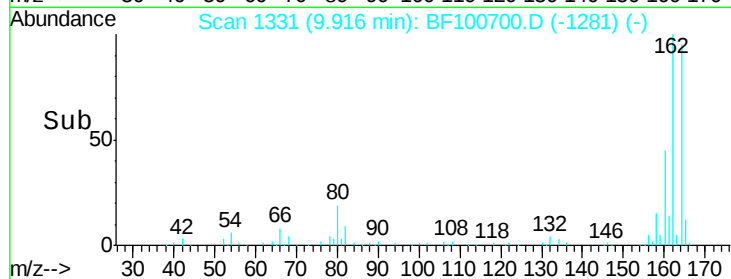
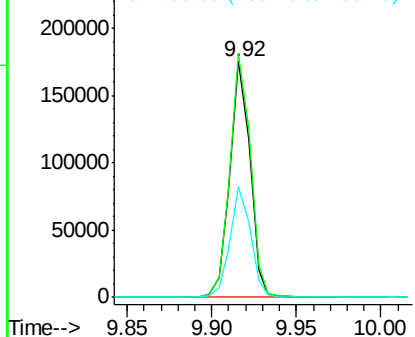
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

Tgt Ion:164 Resp: 145626
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.9 38.3 57.5

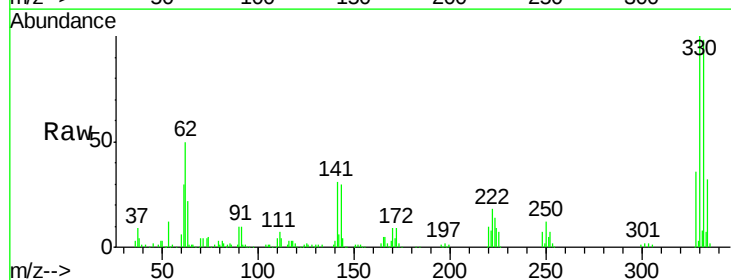


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

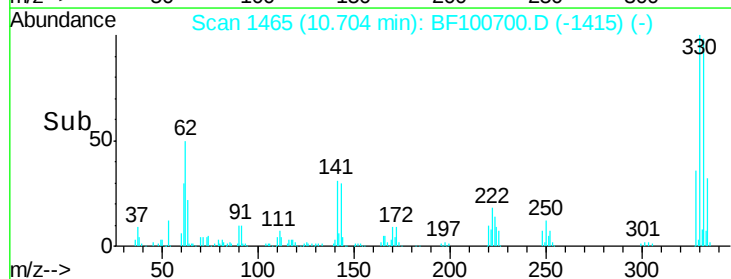
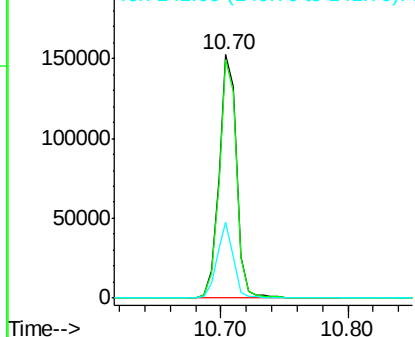


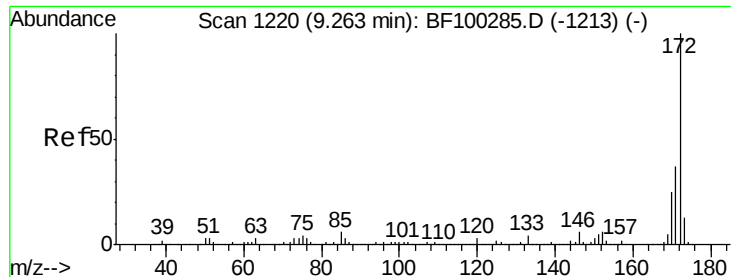
#41
 2,4,6-Tribromophenol
 Concen: 99.55 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion:330 Resp: 147719
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 29.2 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

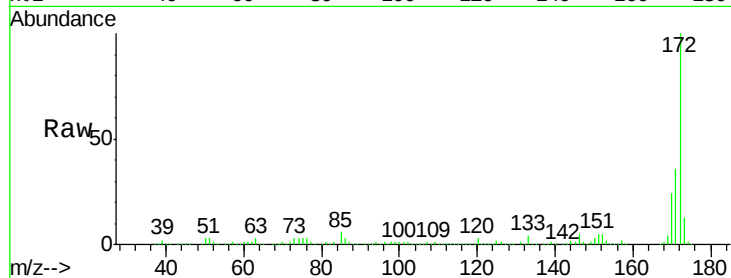




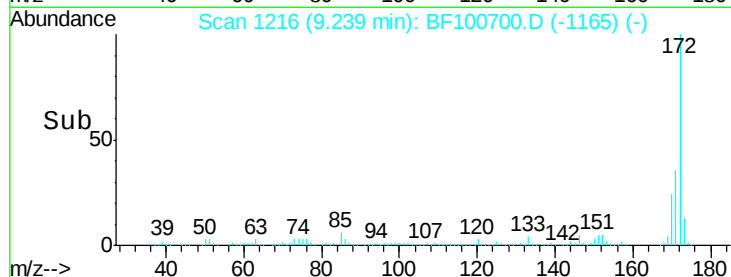
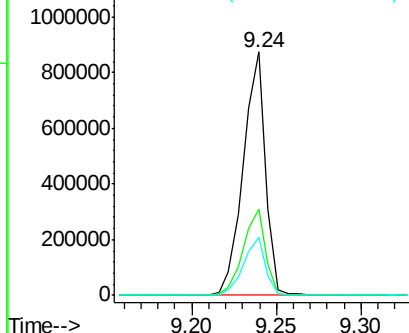
#44
 2-Fluorobiphenyl
 Concen: 84.33 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Instrument :
 BNA_F
 ClientSampled :
 HL-8B

Tgt Ion: 172 Resp: 806480
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 19.6 29.4

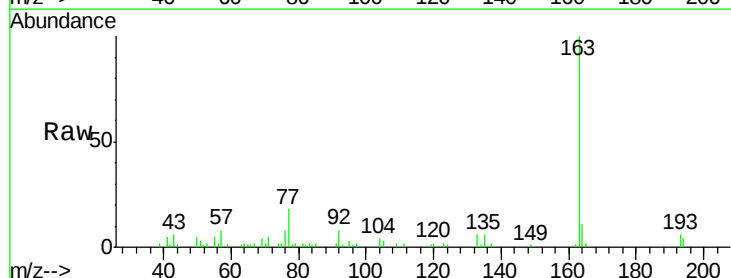


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

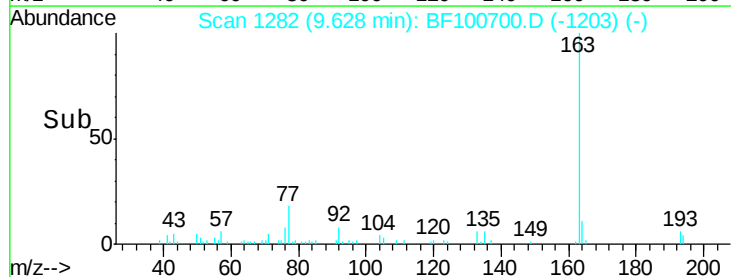
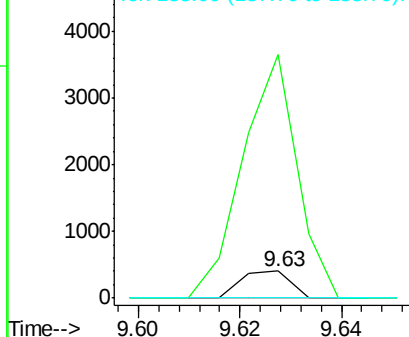


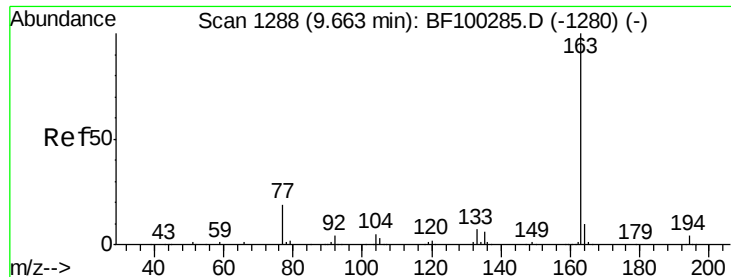
#47
 2-Nitroaniline
 Concen: 2.88 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion: 65 Resp: 271
 Ion Ratio Lower Upper
 65 100
 92 903.5 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): E

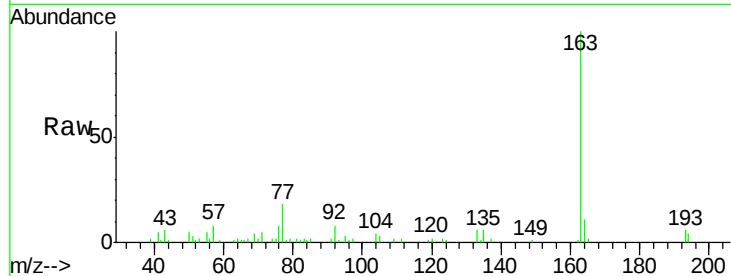




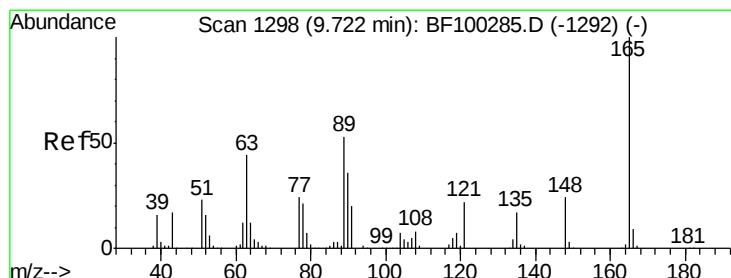
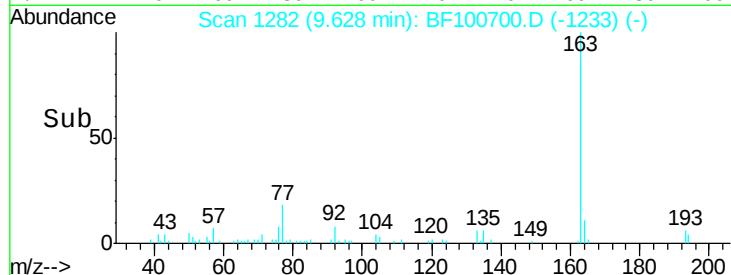
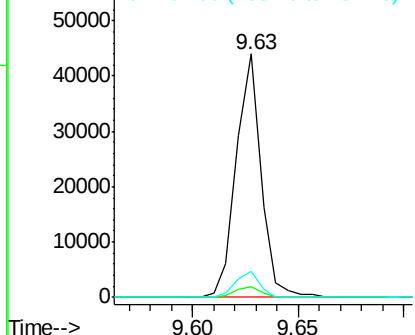
#49
Dimethylphthalate
Concen: 3.21 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampleId :
HL-8B

Tgt Ion:163 Resp: 35698
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2

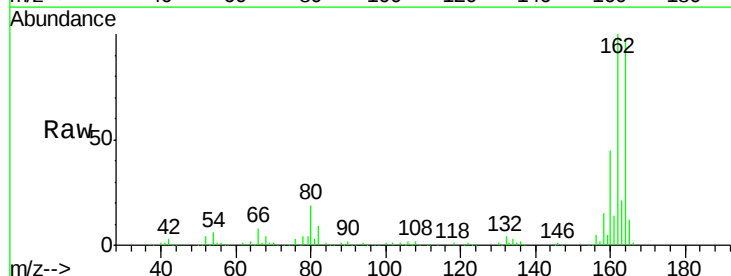


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

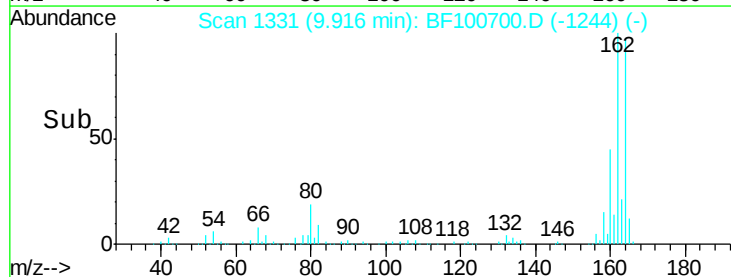
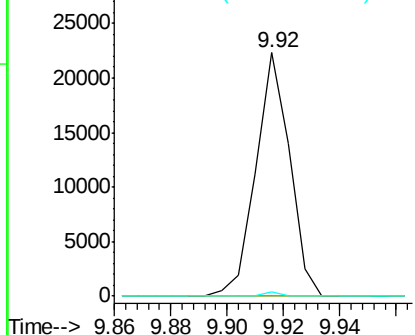


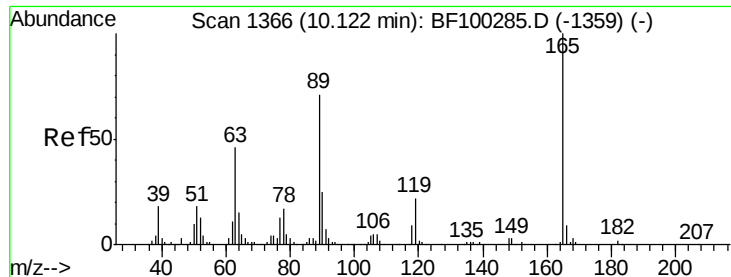
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Tgt Ion:165 Resp: 18492
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.6 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

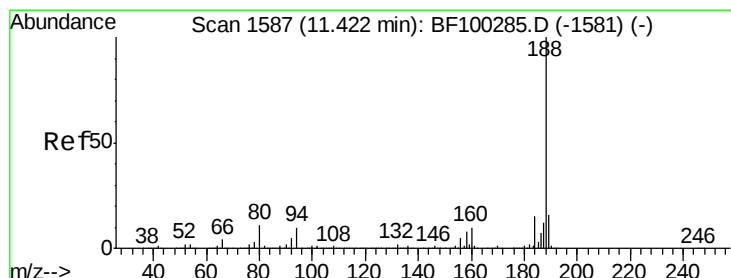
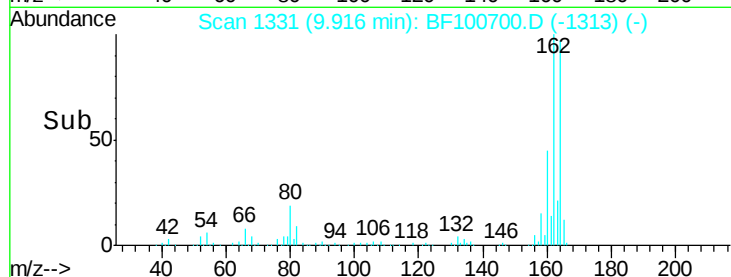
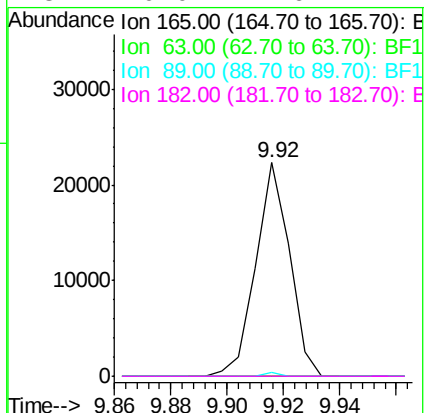
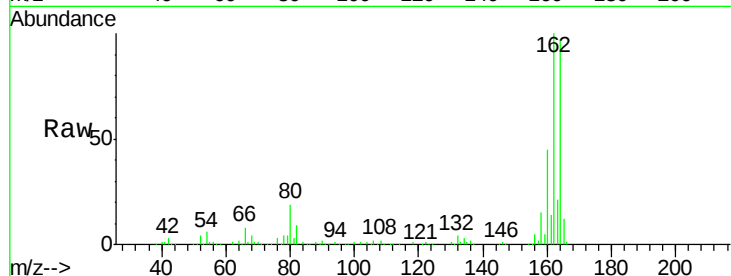




#56
 2,4-Dinitrotoluene
 Concen: 6.66 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

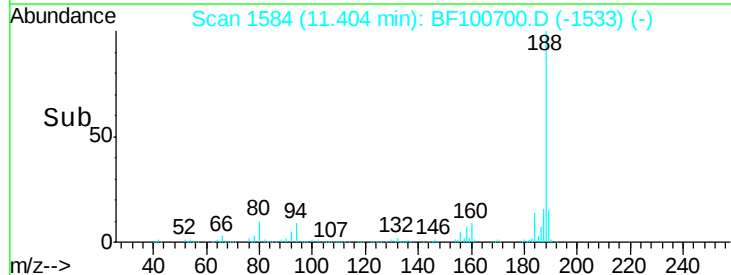
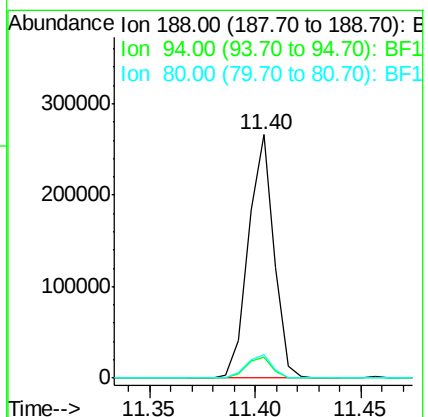
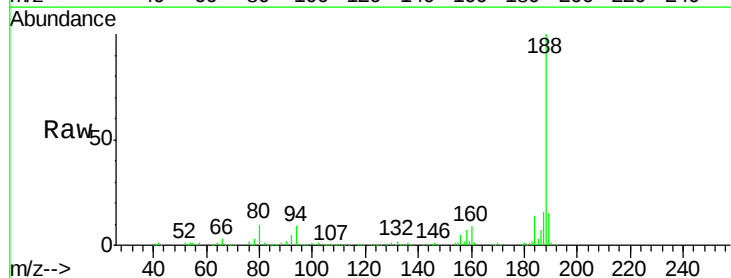
Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

Tgt Ion:	165	Resp:	18492
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion:	188	Resp:	223321
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

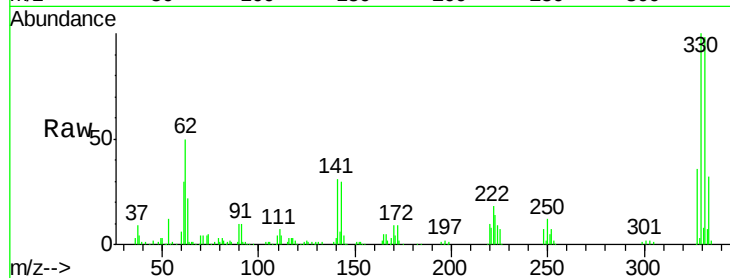




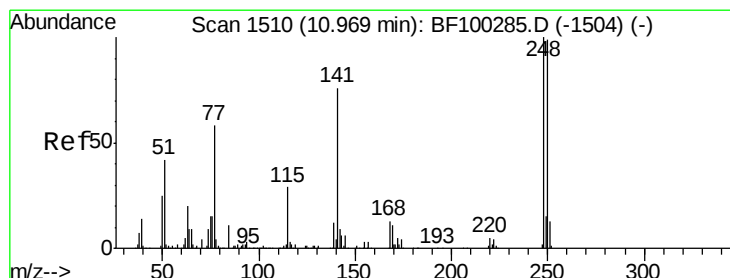
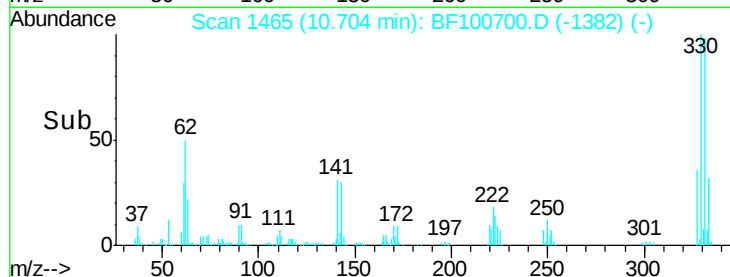
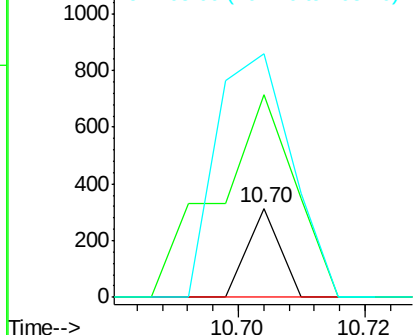
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.65 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

Tgt Ion:198 Resp: 111
 Ion Ratio Lower Upper
 198 100
 51 227.7 37.7 77.7#
 105 273.6 36.3 76.3#

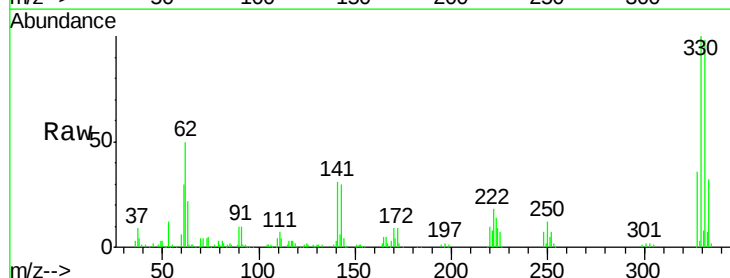


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

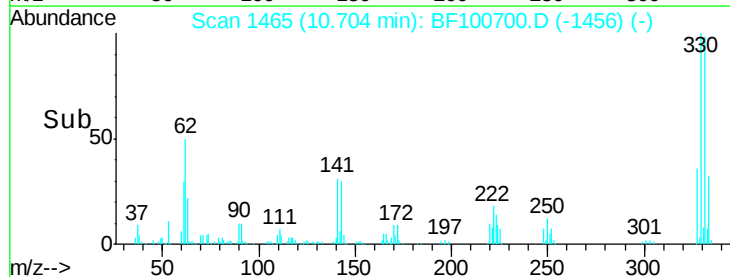
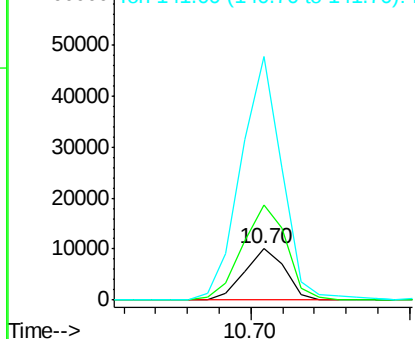


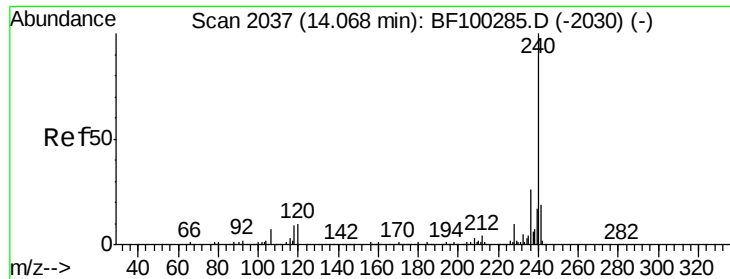
#66
 4-Bromophenyl-phenylether
 Concen: 3.73 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion:248 Resp: 8927
 Ion Ratio Lower Upper
 248 100
 250 185.7 76.9 115.3#
 141 472.6 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100700.D

Acq: 18 Nov 2017 3:18

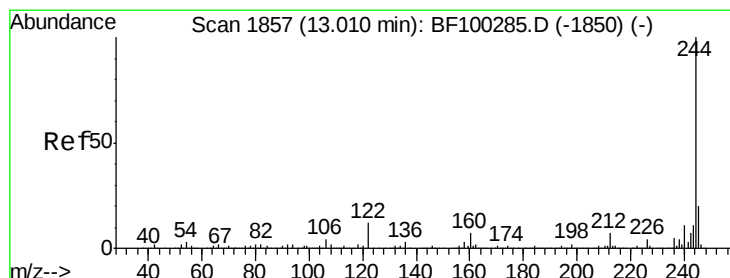
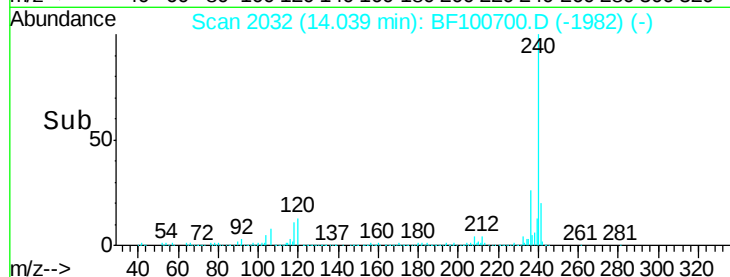
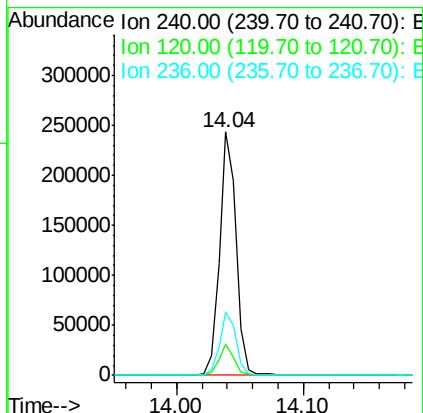
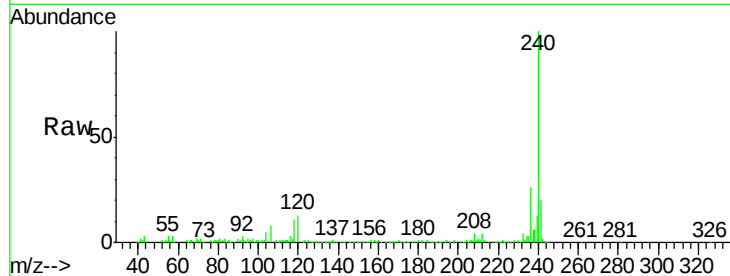
Instrument :

BNA_F

ClientSampleId :

HL-8B

Tgt Ion:	240	Resp:	223421
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1



#78

Terphenyl-d14

Concen: 57.20 ng

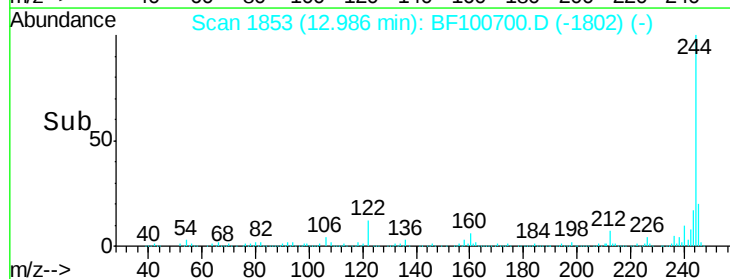
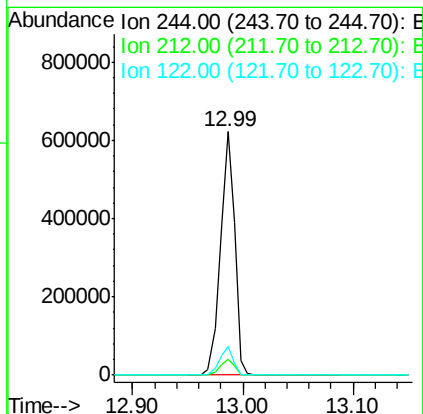
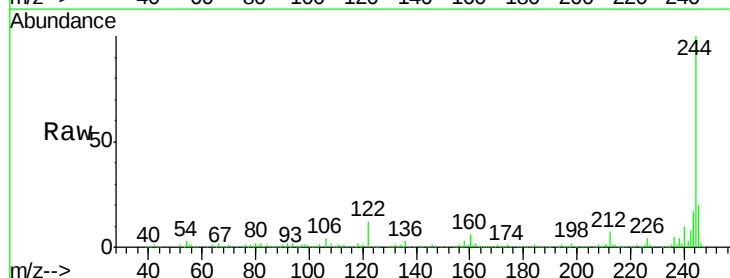
RT: 12.99 min Scan# 1853

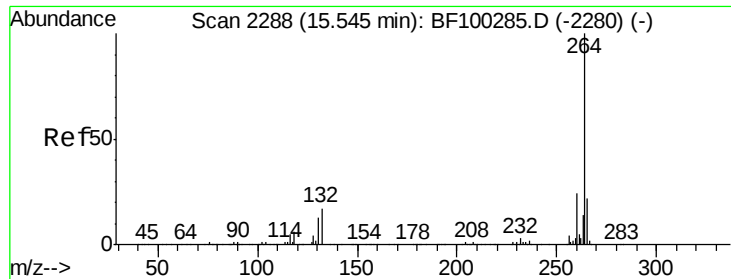
Delta R.T. -0.00 min

Lab File: BF100700.D

Acq: 18 Nov 2017 3:18

Tgt Ion:	244	Resp:	556179
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampleId :
HL-8B

Tgt Ion: 264 Resp: 184210
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.7 17.5 26.3

