

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 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 03:57:47 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

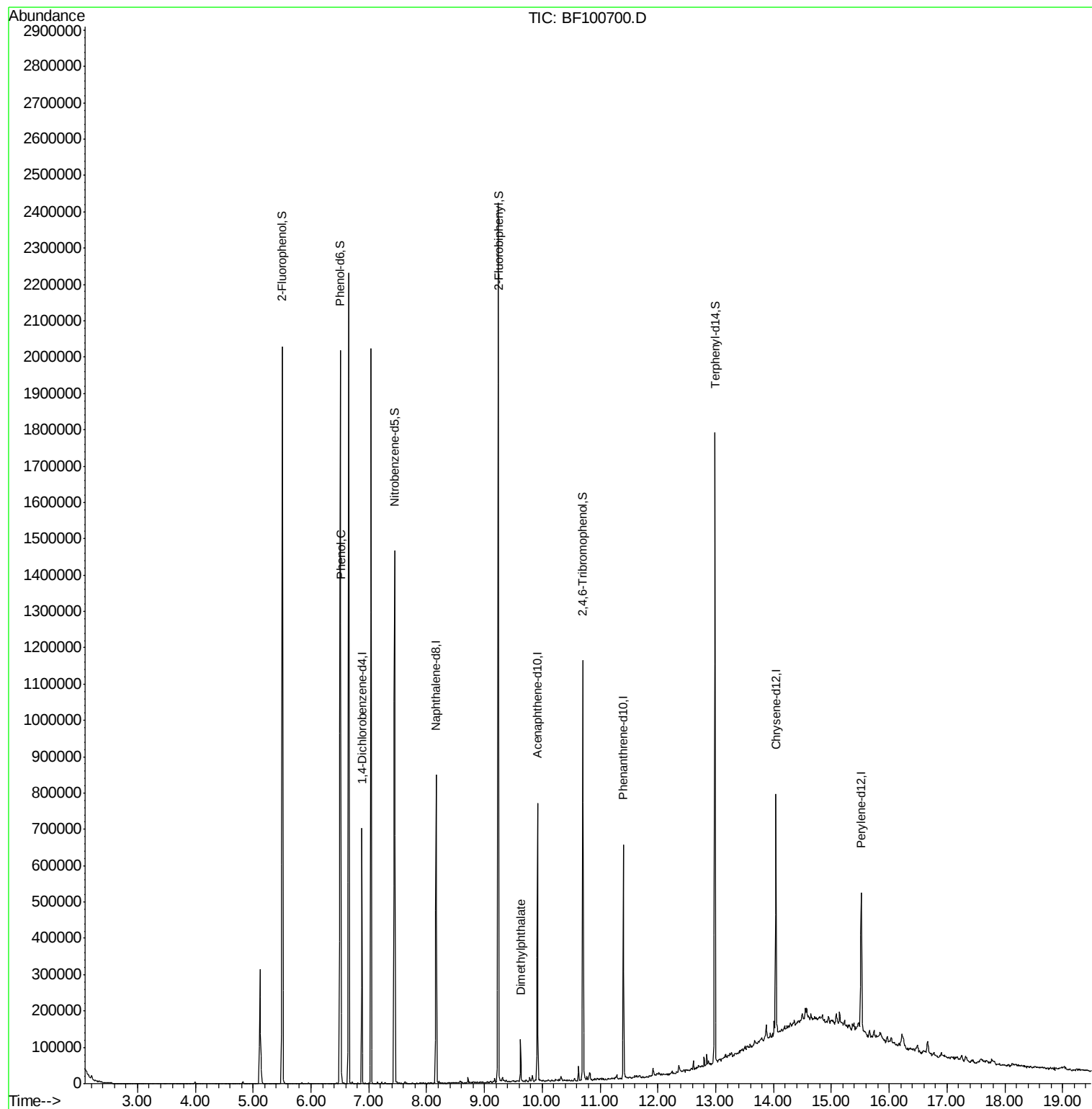
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97779	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	368699	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	145626	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	223321	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223421	20.00	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						
10) Phenol	6.52	94	31900	4.040	ng	95
49) Dimethylphthalate	9.63	163	35698	3.211	ng	# 99

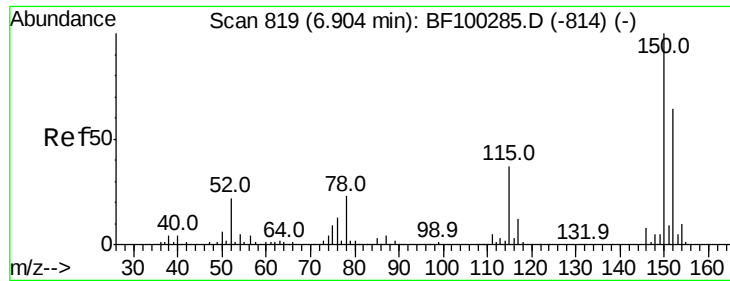
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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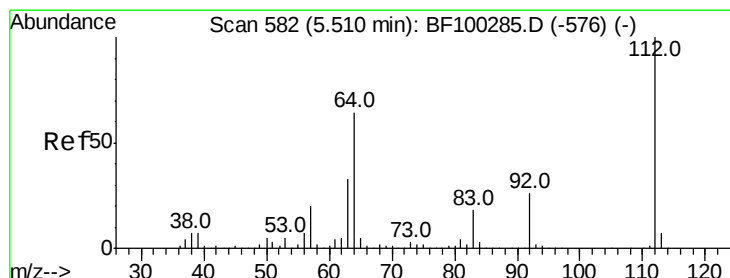
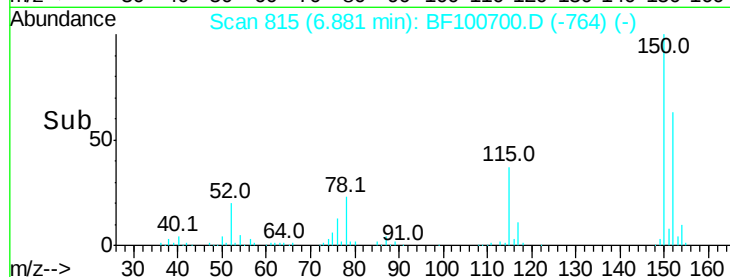
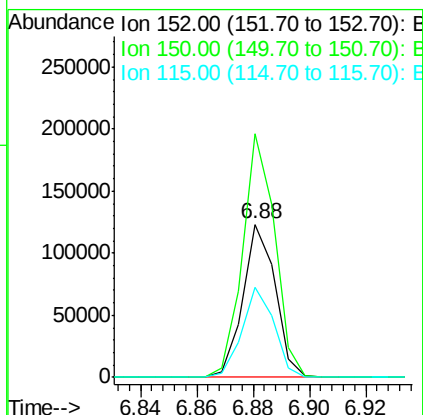
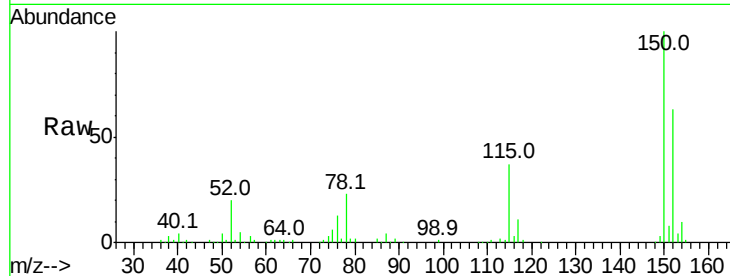


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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

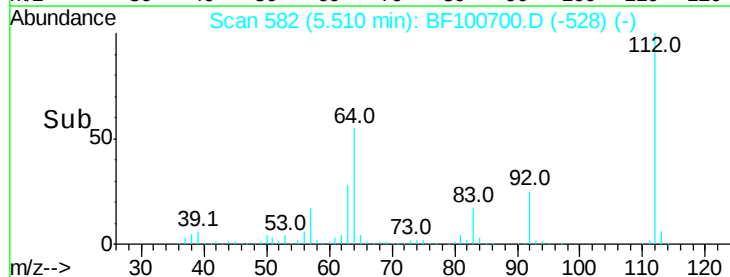
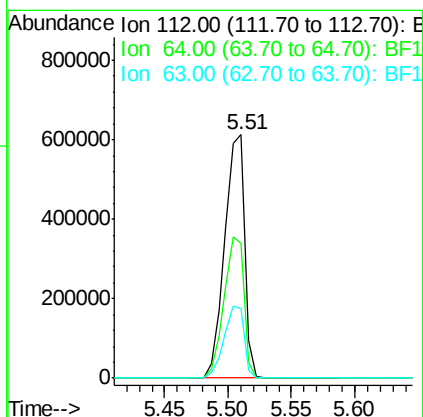
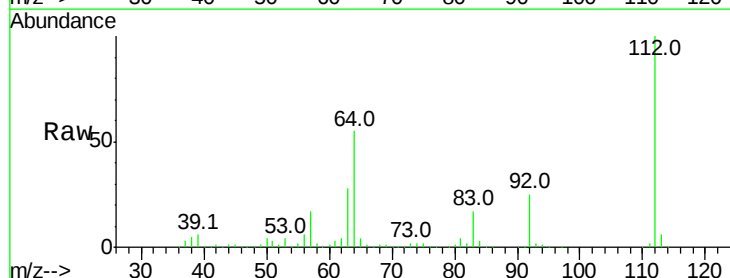
Tot Ion:152 Resp: 97779
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.2 50.1 75.1



#5

2-Fluorophenol
Concen: 109.775 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





#7

Phenol-d6

Concen: 105.792 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

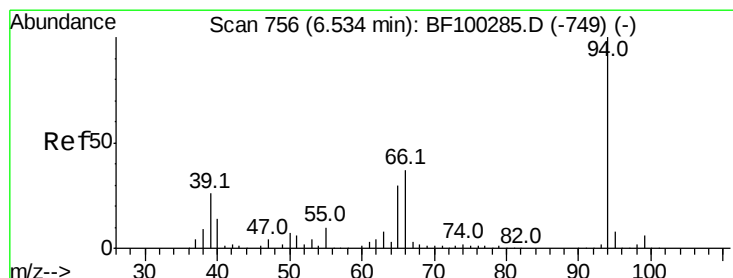
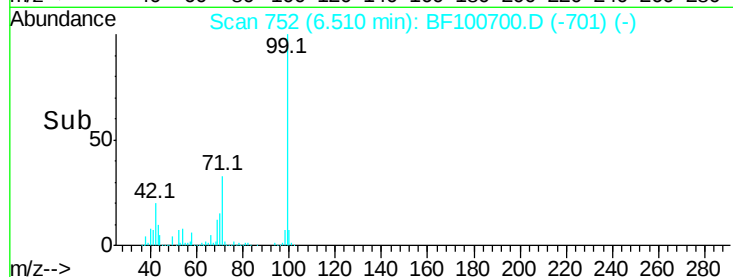
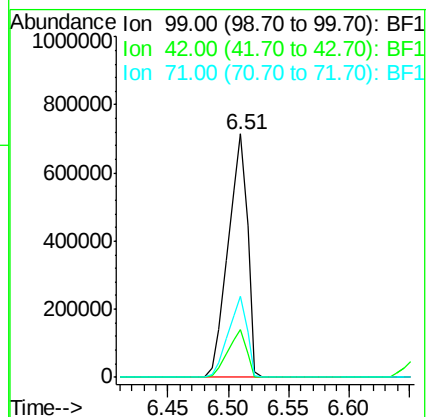
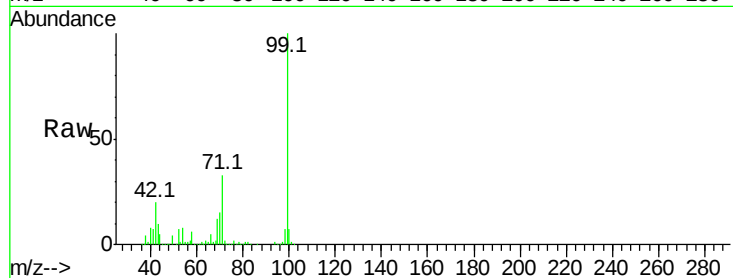
Tot Ion: 99 Resp: 795753

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 4.040 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100700.D

Acq: 18 Nov 2017 3:18

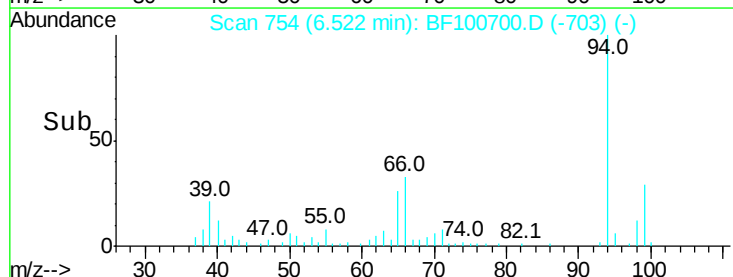
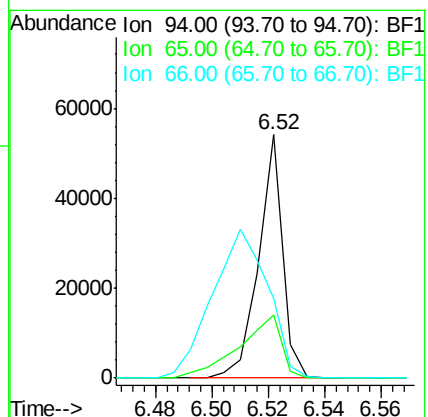
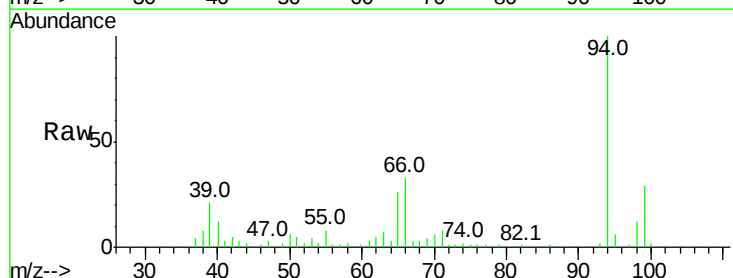
Tgt Ion: 94 Resp: 31900

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

66 32.6 16.2 56.2

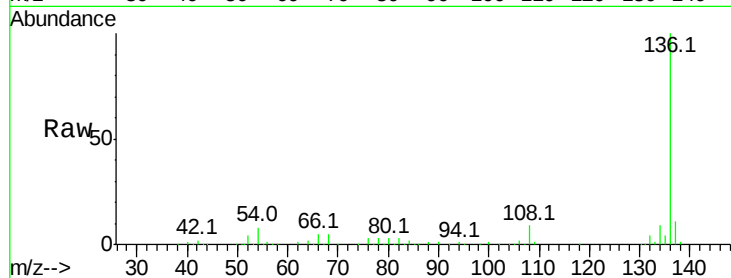




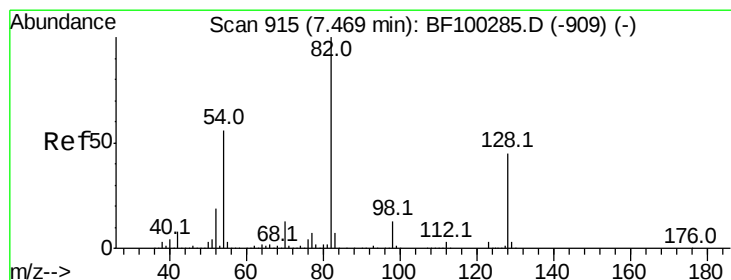
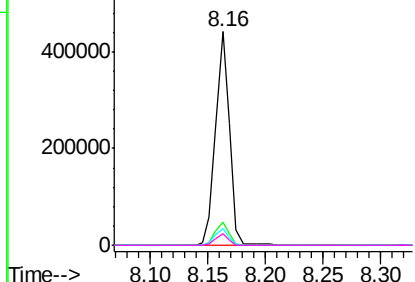
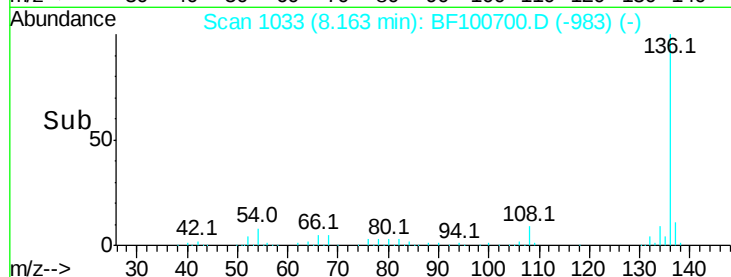
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampleId :
HL-8B

Tot 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

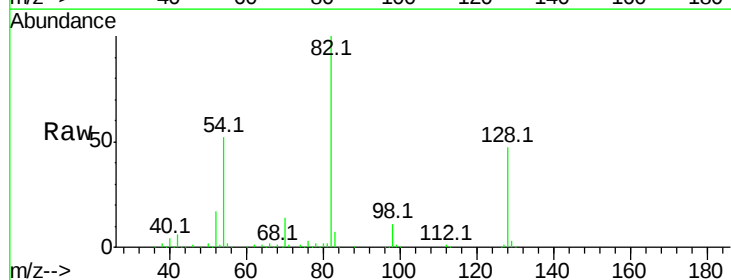


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

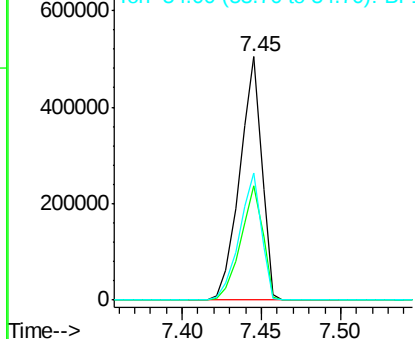
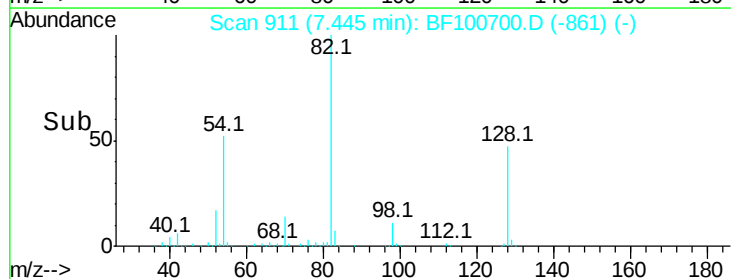


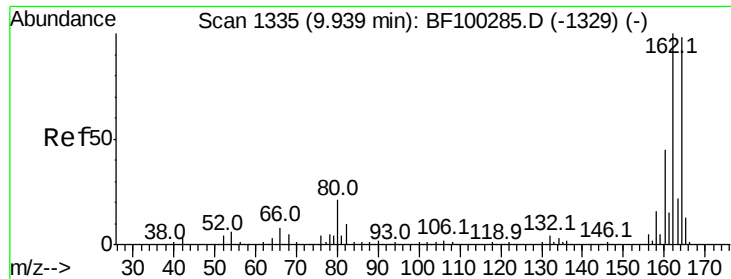
#23
Nitrobenzene-d5
Concen: 86.774 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Tgt Ion:	82	Resp:	483921
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.3	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

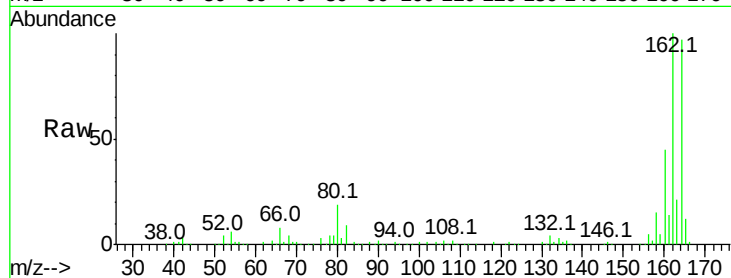




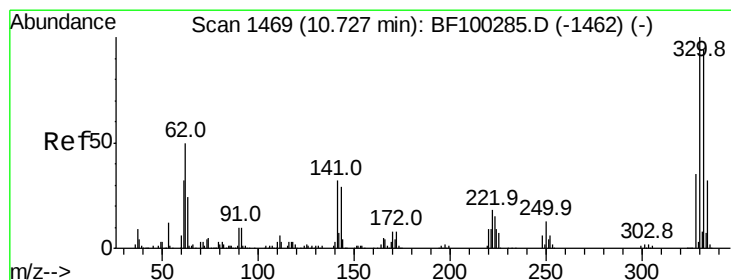
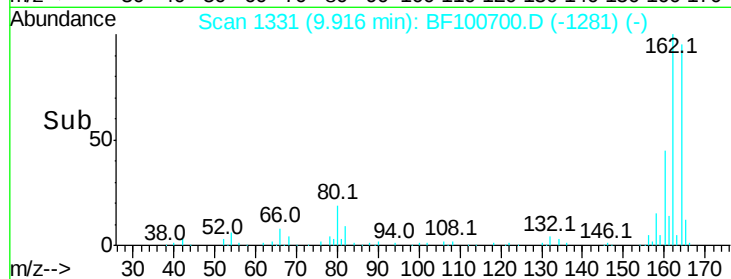
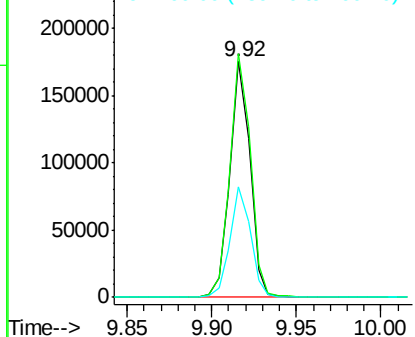
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.9	38.3	57.5

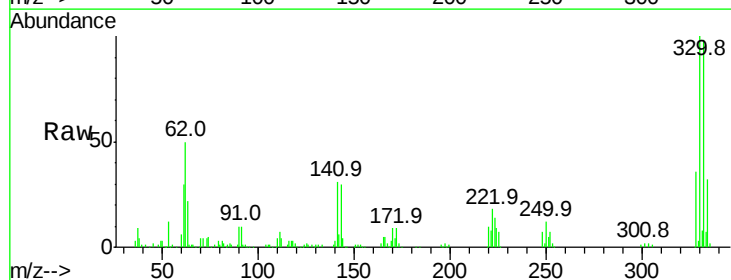


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

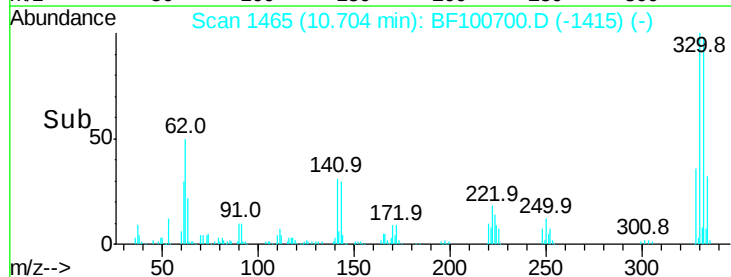
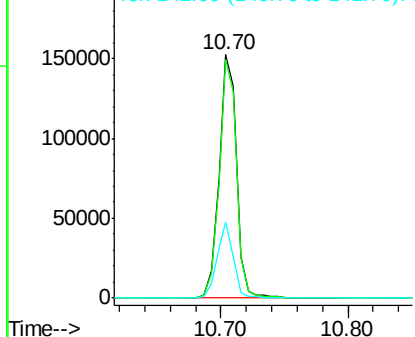


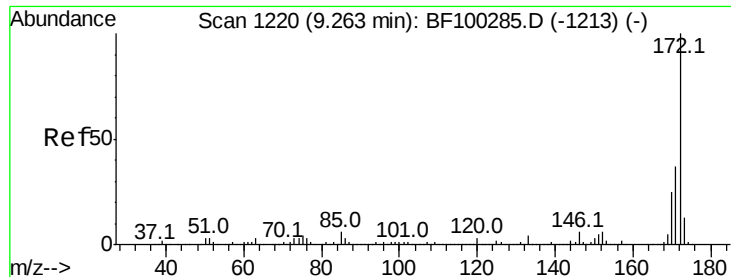
#41
 2,4,6-Tribromophenol
 Concen: 99.546 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Tgt Ion	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

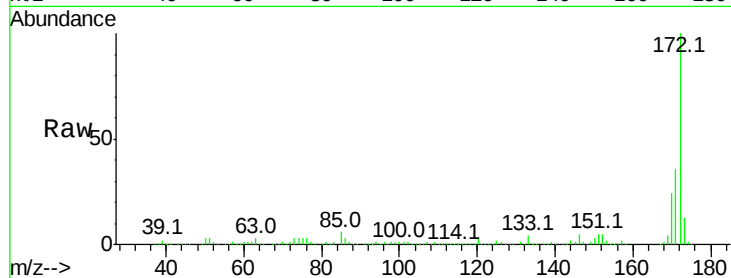




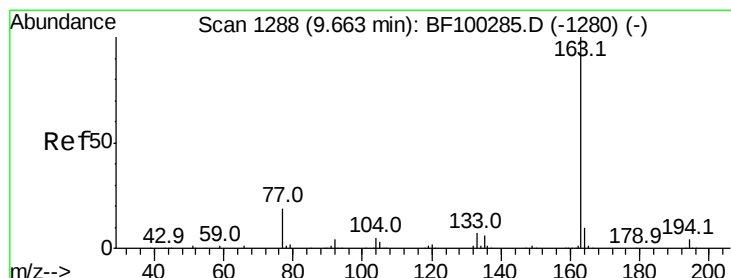
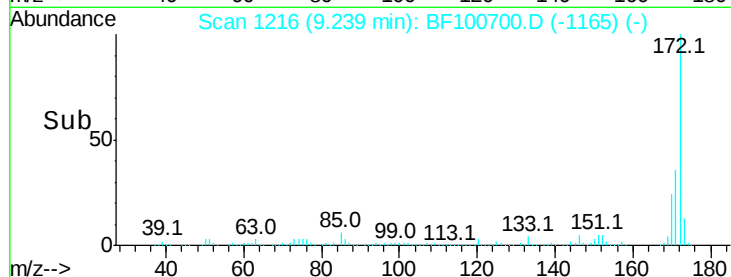
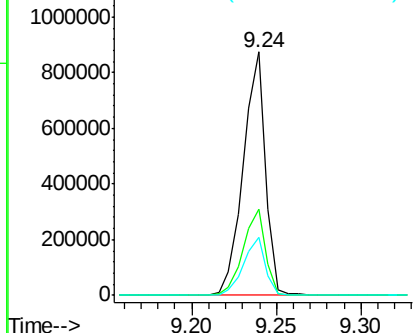
#44
2-Fluorobiphenyl
Concen: 84.328 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Instrument :
BNA_F
ClientSampleId :
HL-8B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4

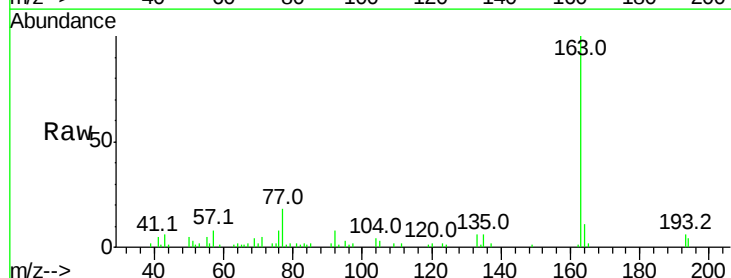


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

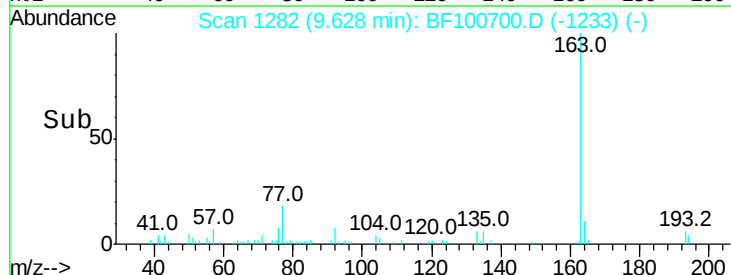
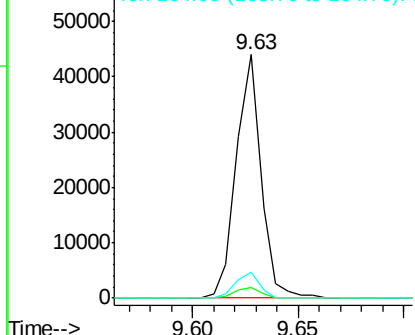


#49
Dimethylphthalate
Concen: 3.211 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

Tgt 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

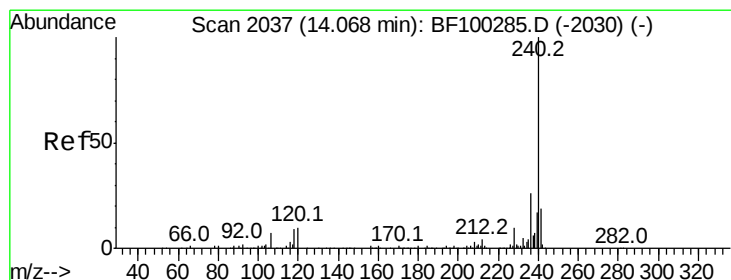
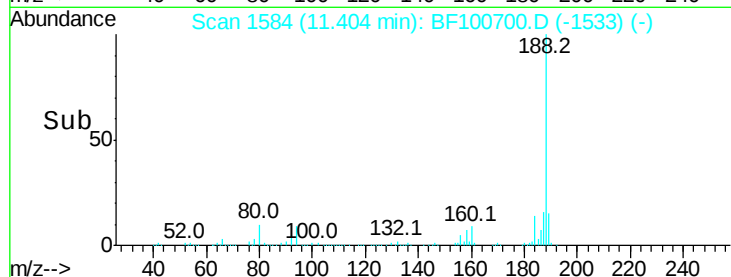
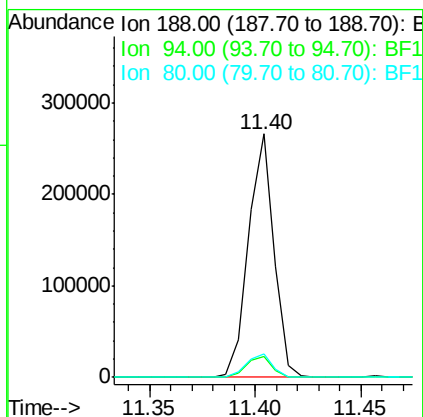
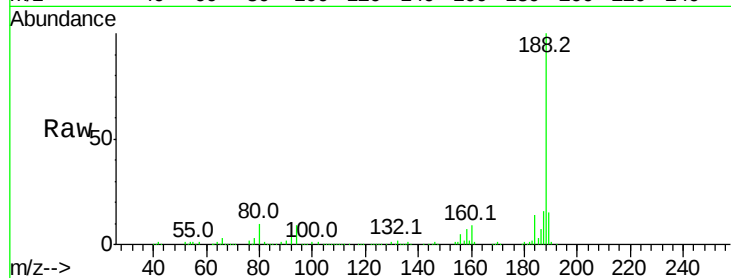




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

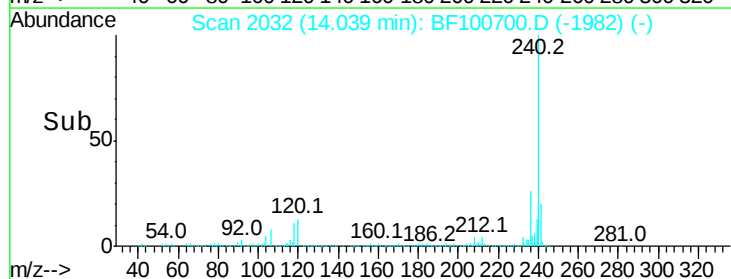
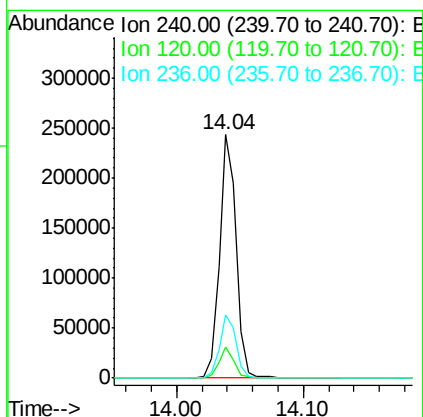
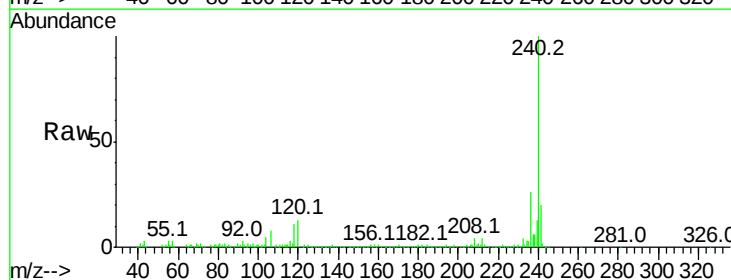
Instrument :
BNA_F
ClientSampleId :
HL-8B

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



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100700.D
Acq: 18 Nov 2017 3:18

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

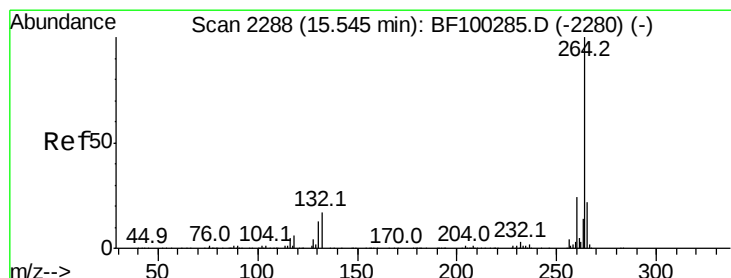
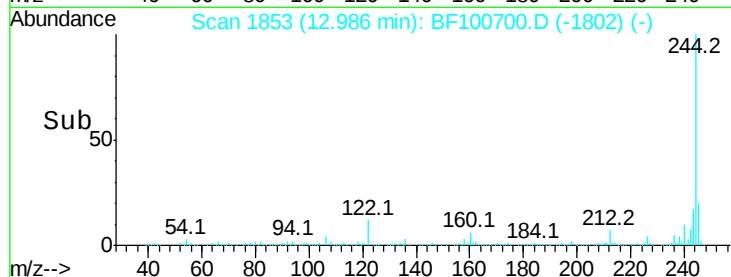
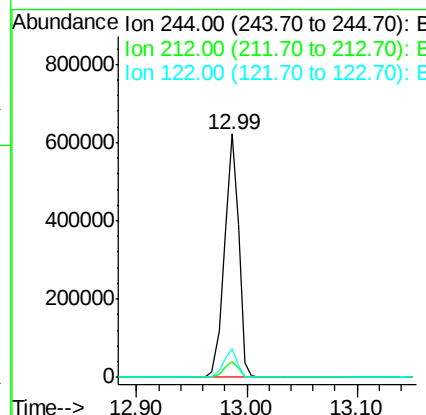
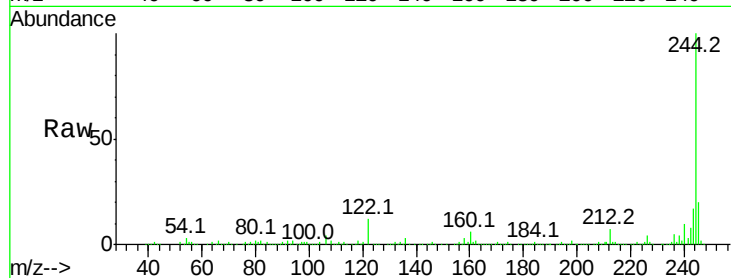




#78
 Terphenyl-d14
 Concen: 57.199 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 HL-8B

Tot 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: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100700.D
 Acq: 18 Nov 2017 3:18

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

