

Data File : BF100702.D
Acq On : 18 Nov 2017 4:12
Operator : SJ/JU
Sample : I6340-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-7B

Quant Time: Nov 18 04:58:35 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	96407	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	367685	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	158749	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	252415	20.00	ng	0.00
75) Chrysene-d12	14.04	240	221155	20.00	ng	0.00
86) Perylene-d12	15.52	264	189446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	392749	65.30	ng	0.00
7) Phenol-d6	6.50	99	470620	63.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	279381	50.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	96944	59.93	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	462729	44.38	ng	0.00
78) Terphenyl-d14	12.99	244	305150	31.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	35535	6.91	ng	# 82
25) Isophorone	7.44	82	279378	23.91	ng	# 64
47) 2-Nitroaniline	9.63	65	982	3.10	ng	# 1
49) Dimethylphthalate	9.63	163	129500	10.68	ng	98
56) 2,4-Dinitrotoluene	9.92	165	20213	6.68	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	6019	2.22	ng	# 1

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

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HL-7B

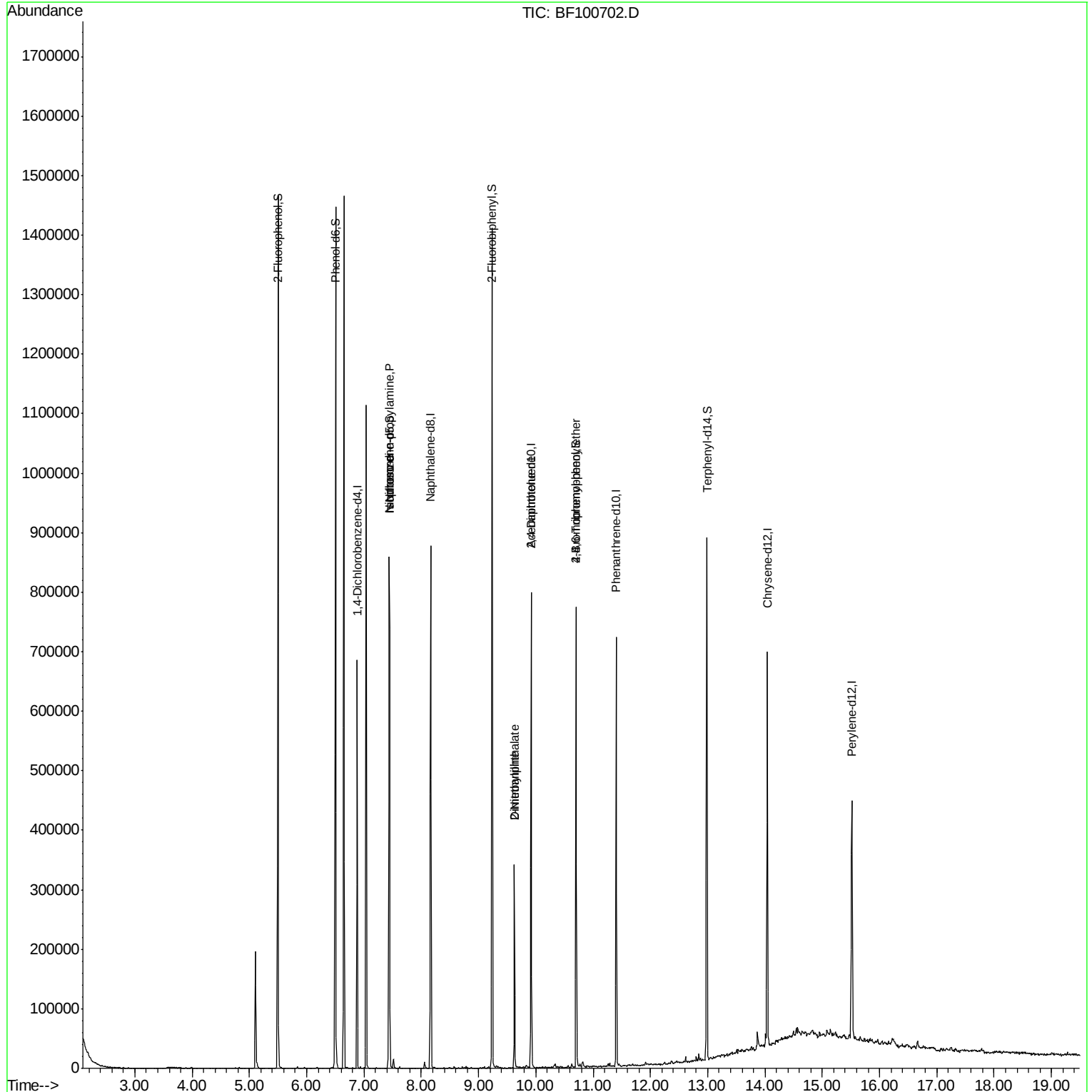
Quant Time: Nov 18 04:58:35 2017

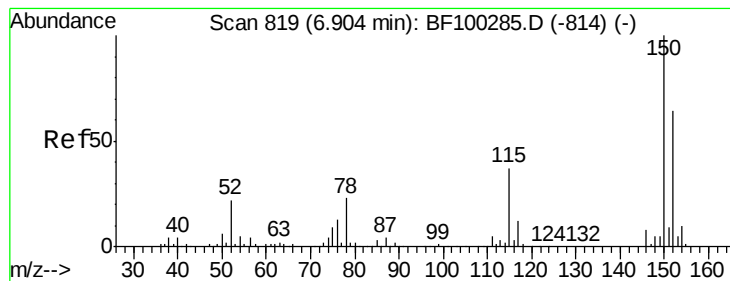
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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

Response via : Initial Calibration

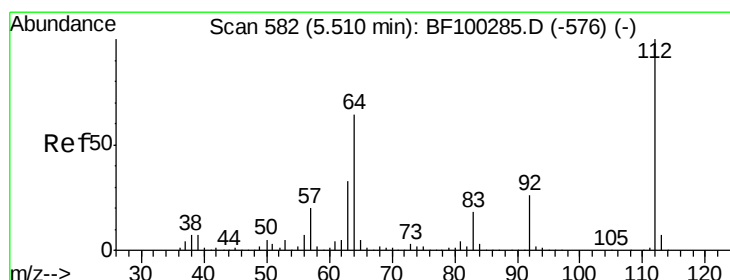
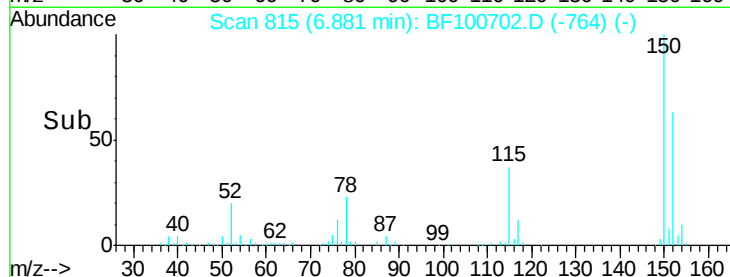
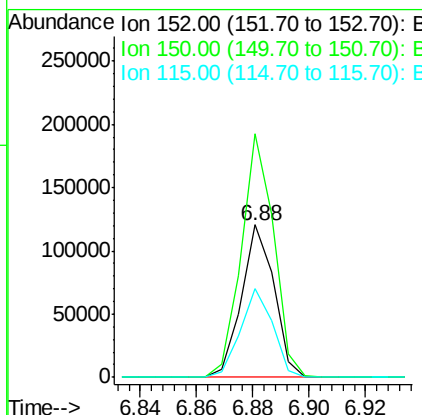
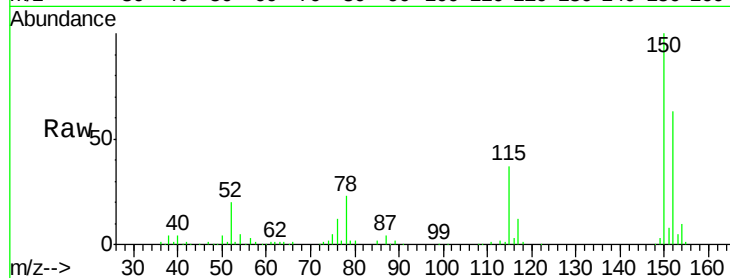




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

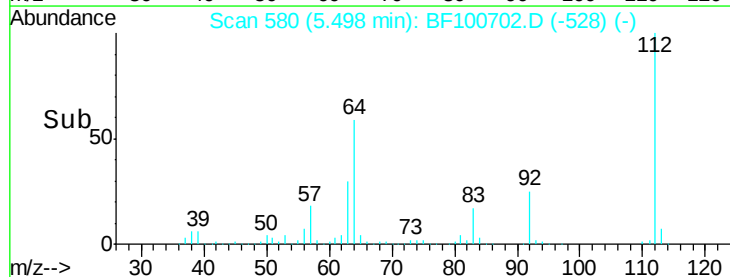
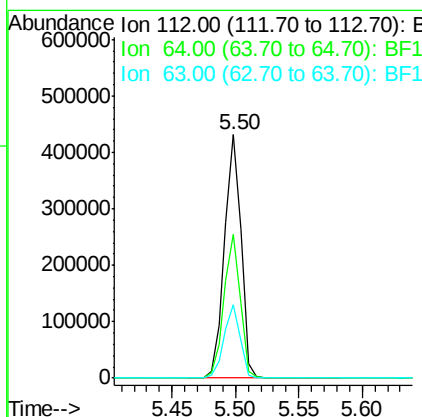
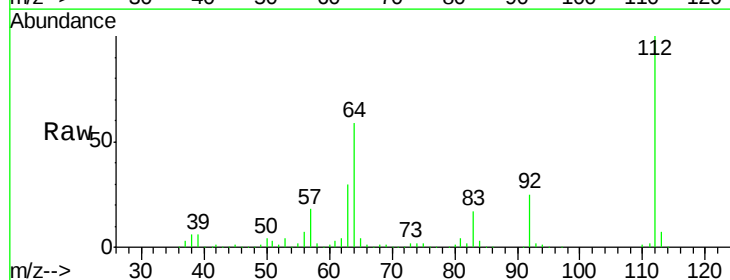
Instrument :
 BNA_F
 ClientSampled :
 HL-7B

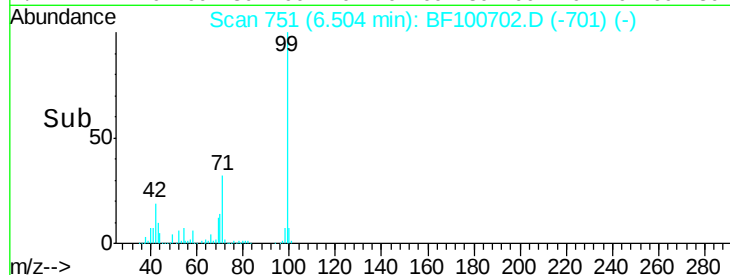
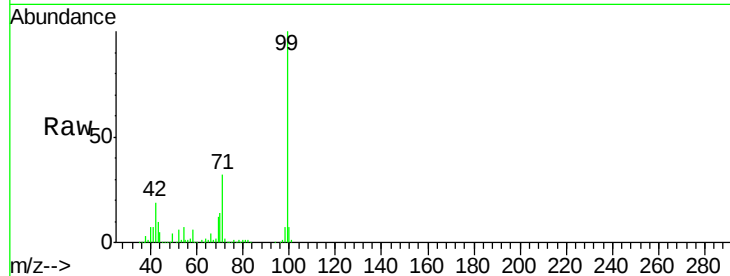
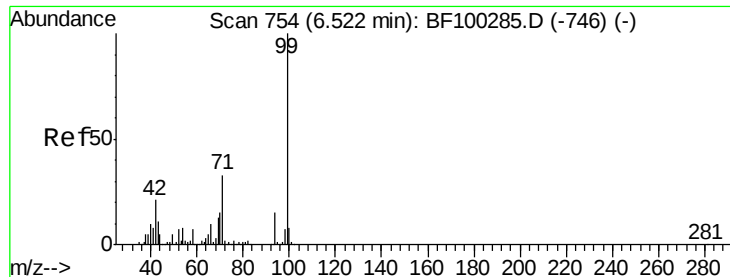
Tgt Ion:152 Resp: 96407
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 58.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 65.30 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

Tgt Ion:112 Resp: 392749
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 63.46 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

HL-7B

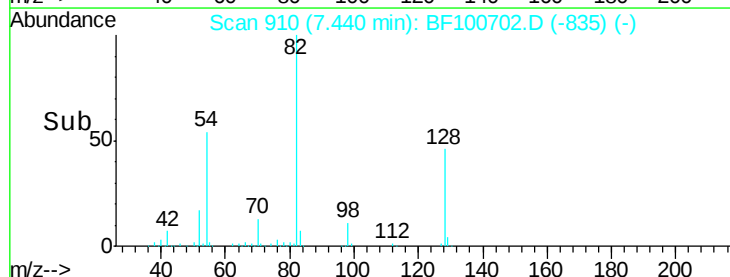
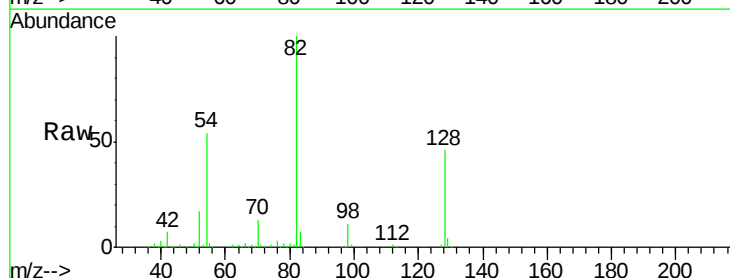
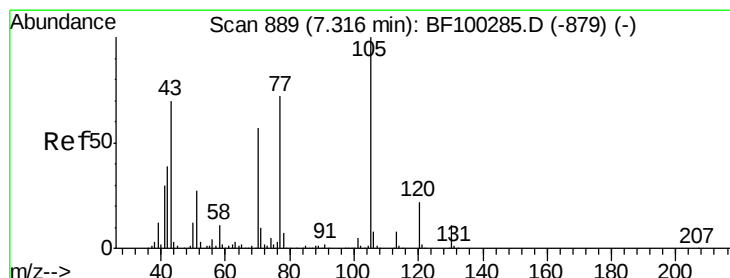
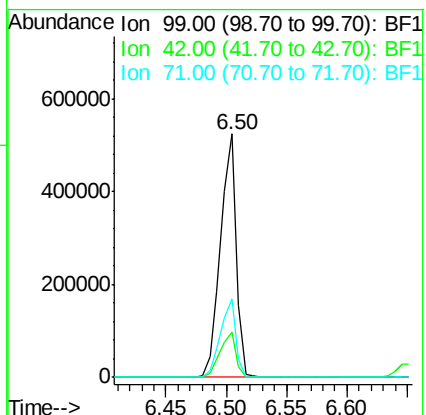
Tgt Ion: 99 Resp: 470620

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.91 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

Tgt Ion: 70 Resp: 35535

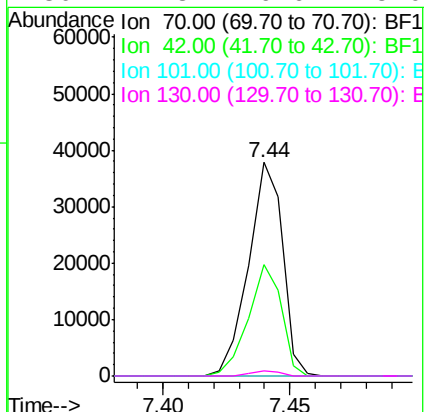
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

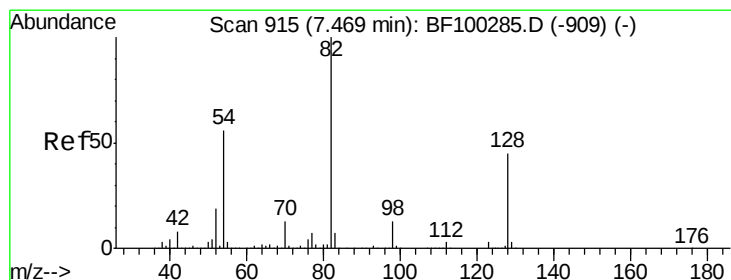
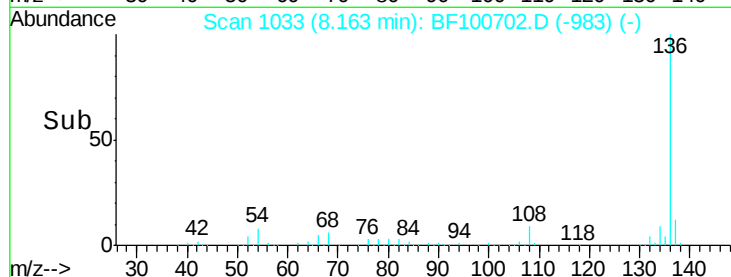
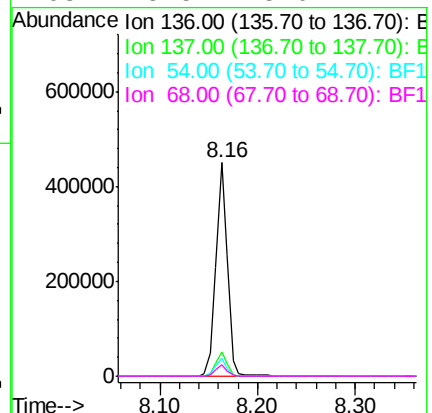
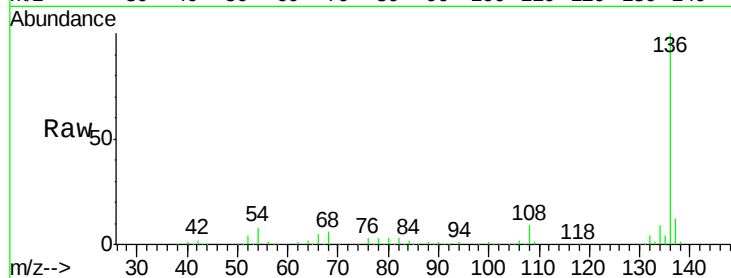




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

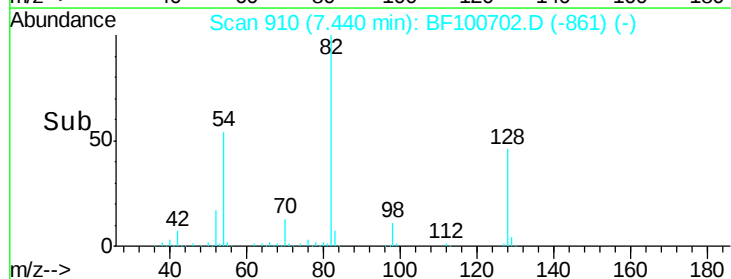
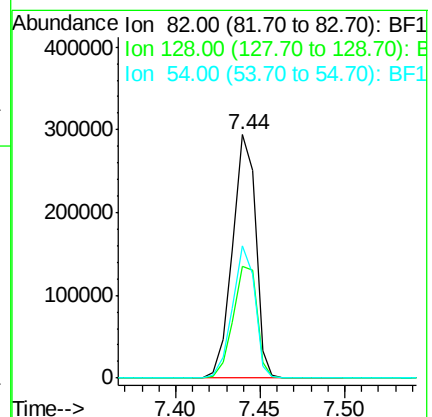
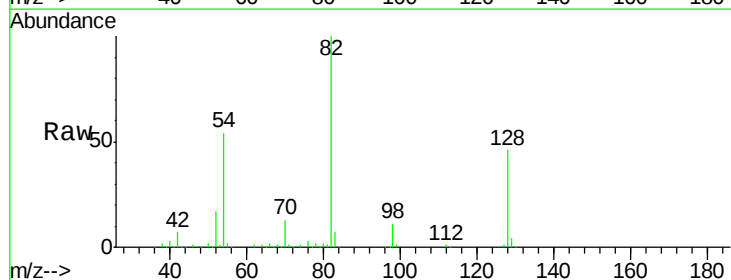
Instrument :
BNA_F
ClientSampleId :
HL-7B

Tgt Ion:	136	Resp:	367685
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.4	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 50.24 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

Tgt Ion:	82	Resp:	279381
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.1	41.4	62.2





#25

Isophorone

Concen: 23.91 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

HL-7B

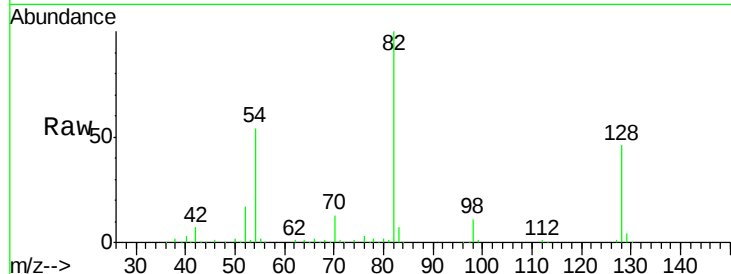
Tgt Ion: 82 Resp: 279378

Ion Ratio Lower Upper

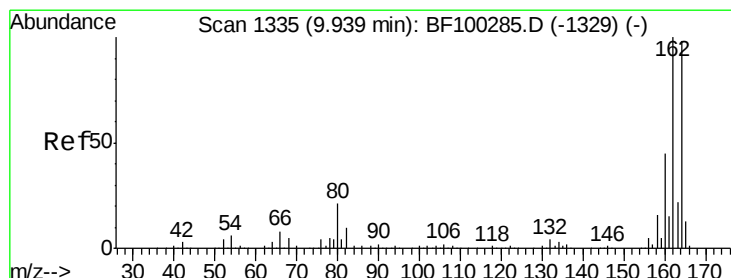
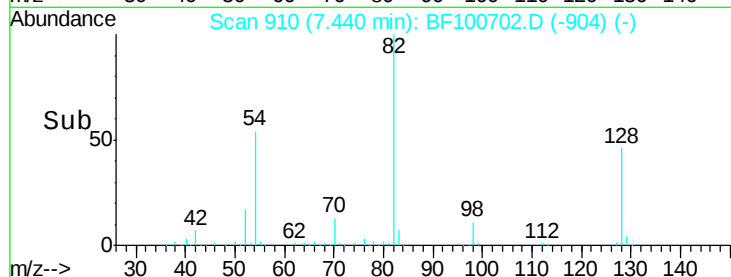
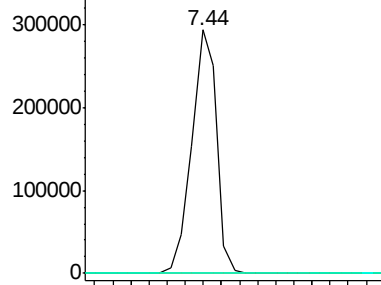
82 100

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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

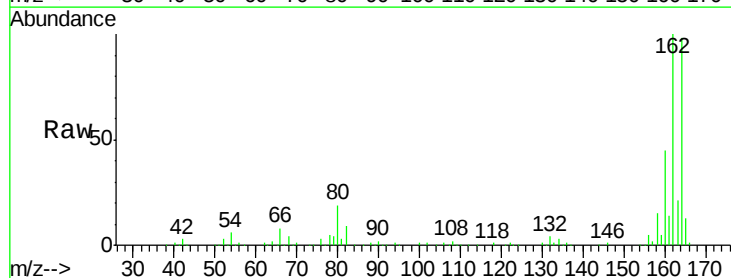
Tgt Ion: 164 Resp: 158749

Ion Ratio Lower Upper

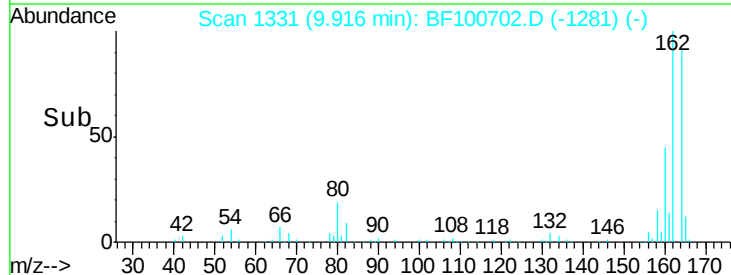
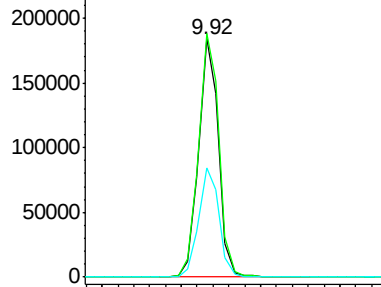
164 100

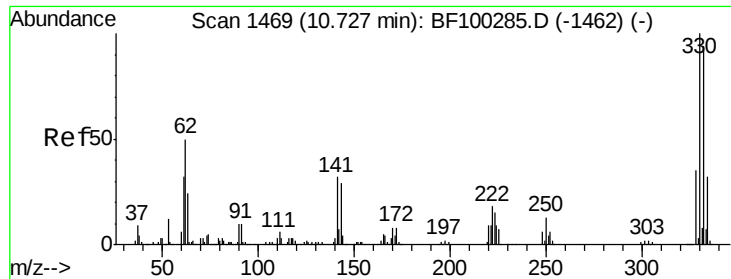
162 102.2 86.1 129.1

160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

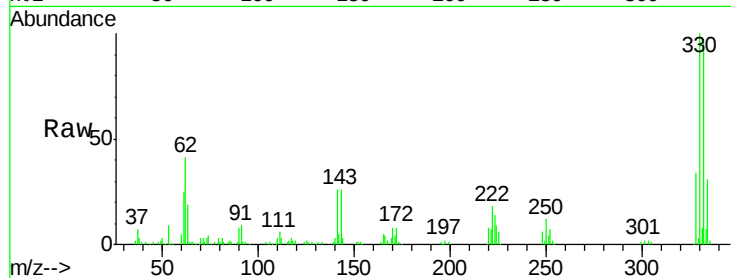




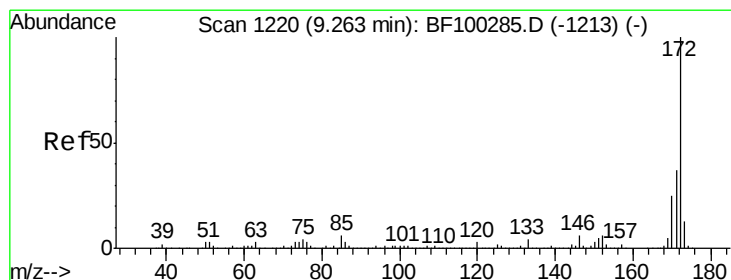
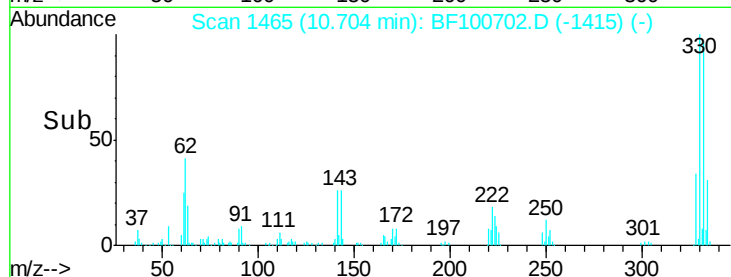
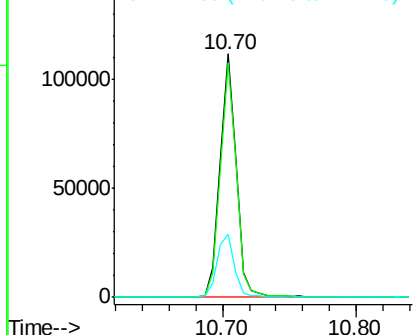
#41
 2,4,6-Tribromophenol
 Concen: 59.93 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

Instrument :
 BNA_F
 ClientSampleID :
 HL-7B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	27.5	29.9	44.9#

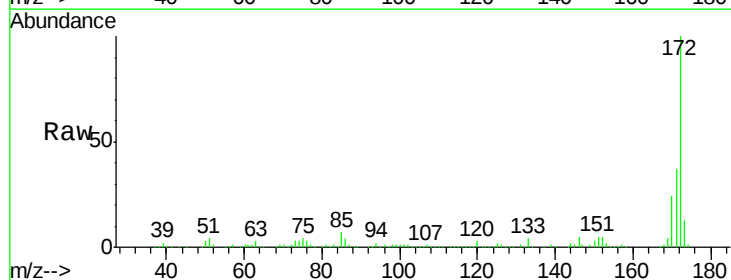


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

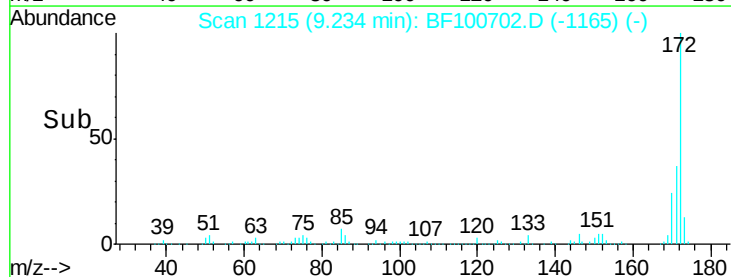
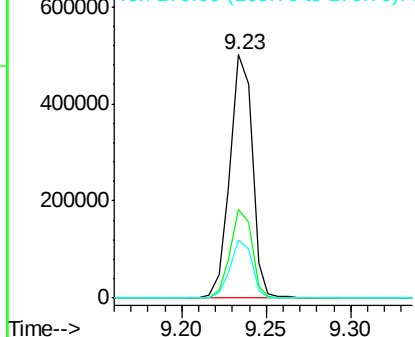


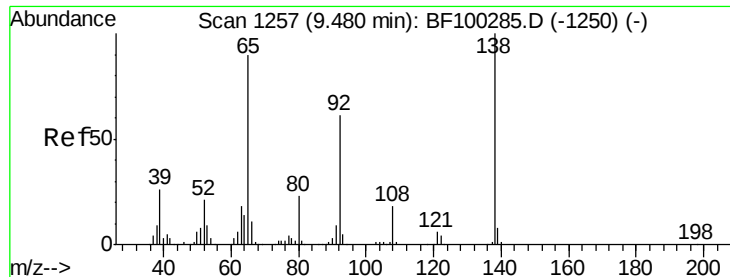
#44
 2-Fluorobiphenyl
 Concen: 44.38 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	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

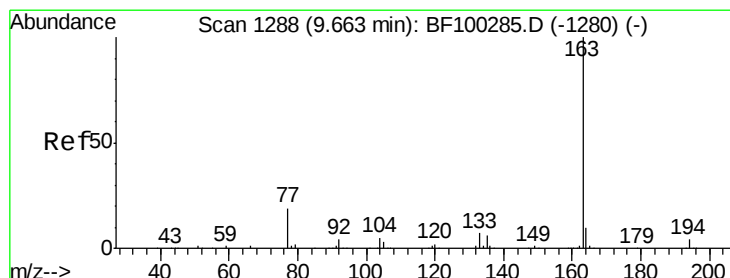
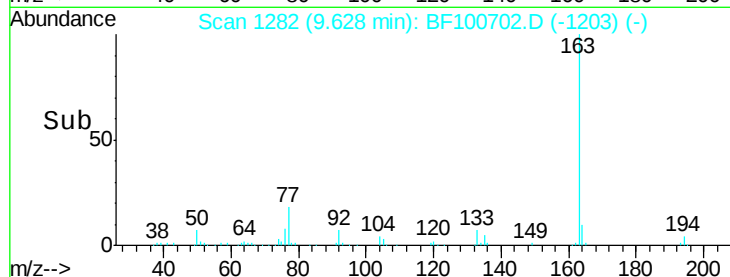
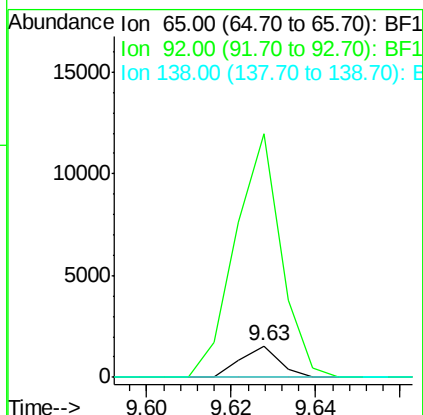
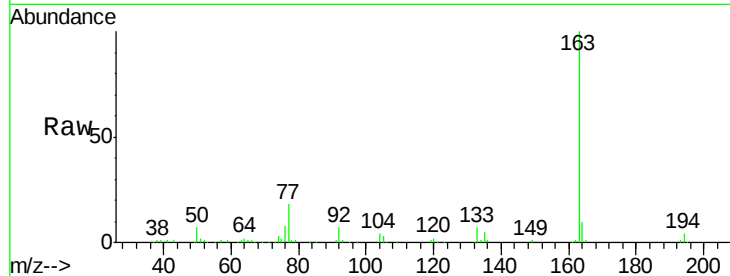




#47
2-Nitroaniline
Concen: 3.10 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

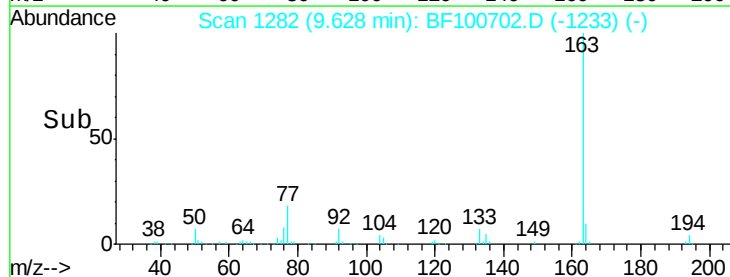
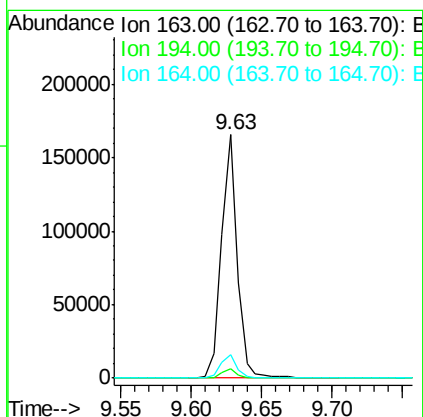
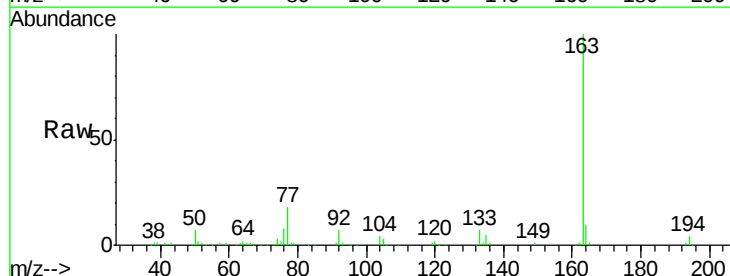
Instrument :
BNA_F
ClientSampleId :
HL-7B

Tgt Ion: 65 Resp: 982
Ion Ratio Lower Upper
65 100
92 770.4 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 10.68 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

Tgt Ion: 163 Resp: 129500
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2

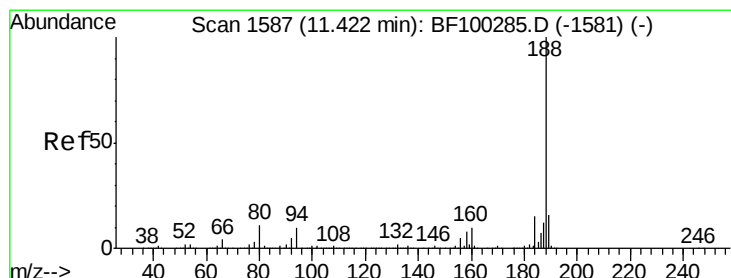
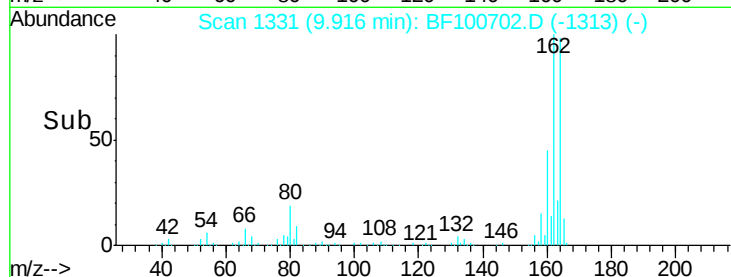
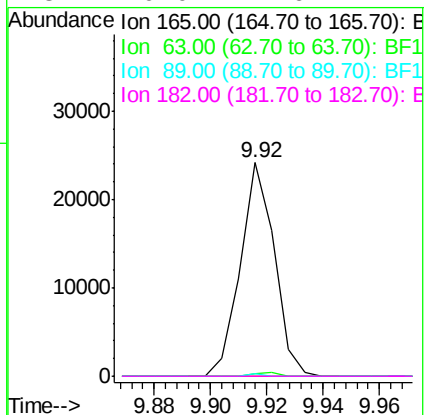
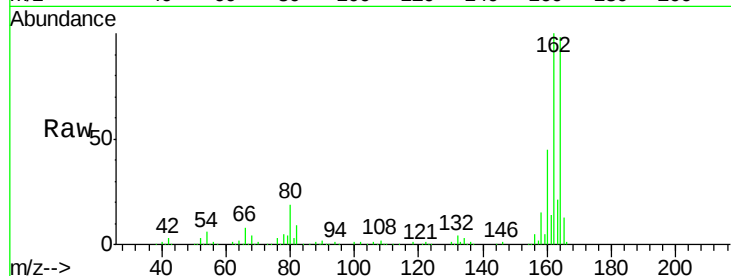




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

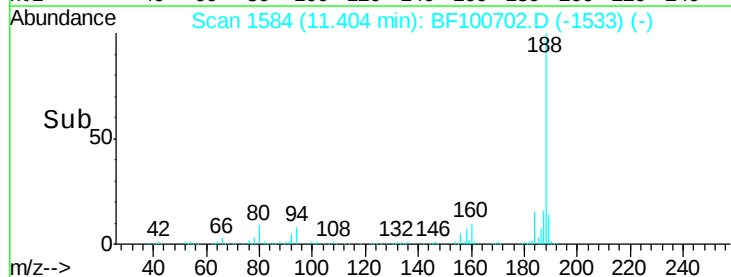
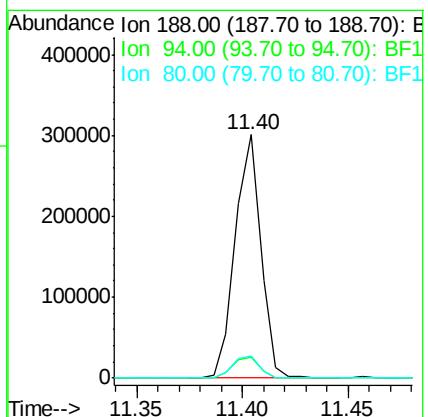
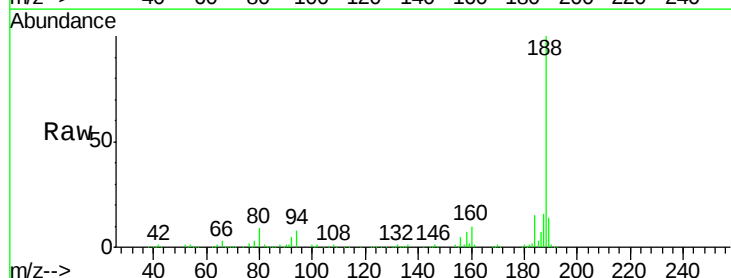
Instrument :
 BNA_F
 ClientSampleId :
 HL-7B

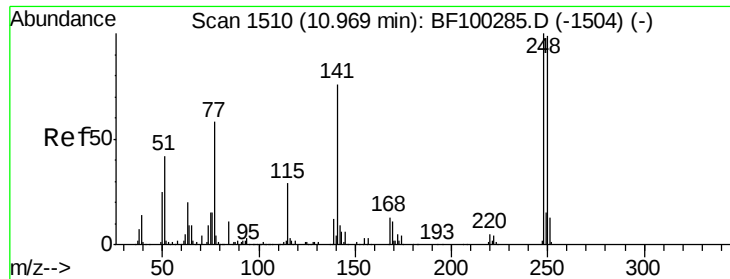
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100702.D
 Acq: 18 Nov 2017 4:12

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

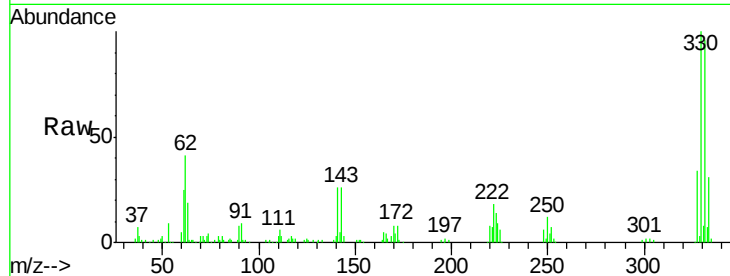




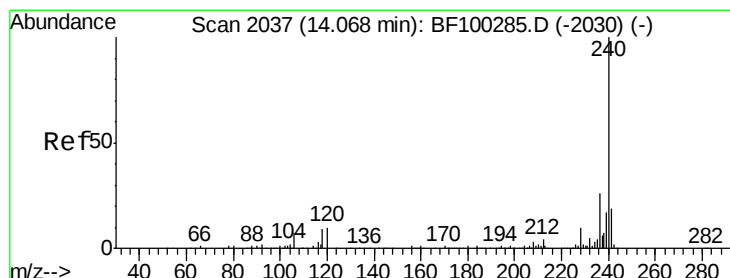
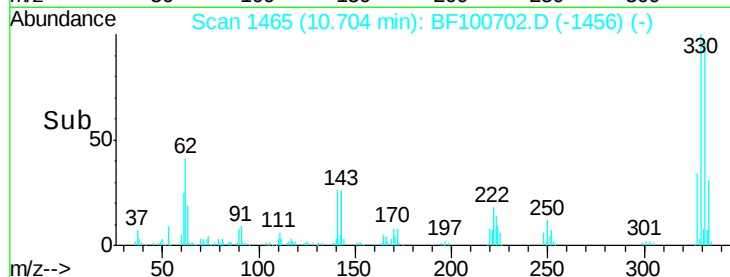
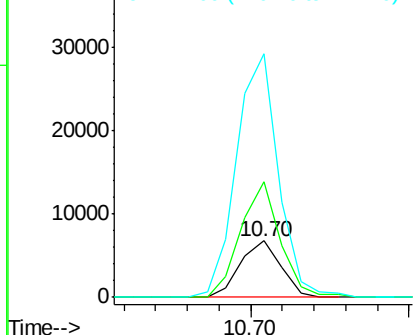
#66
4-Bromophenyl-phenylether
Concen: 2.22 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

Instrument :
BNA_F
ClientSampleId :
HL-7B

Tgt Ion:248 Resp: 6019
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 430.1 74.4 111.6#

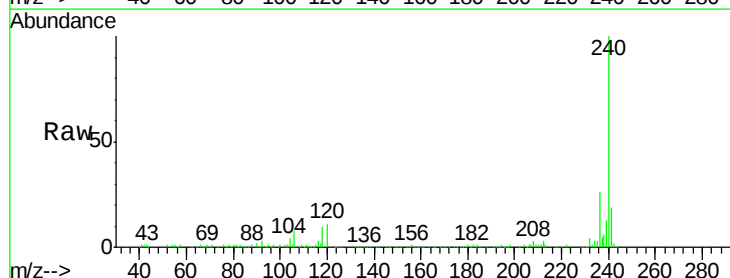


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

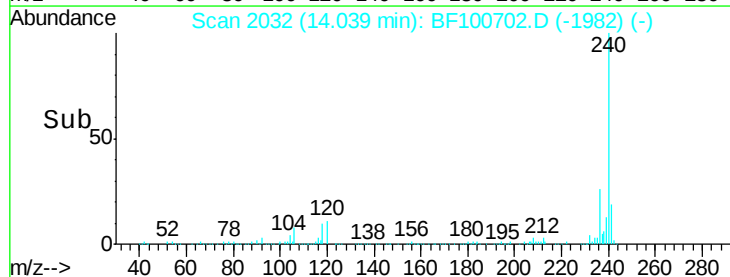
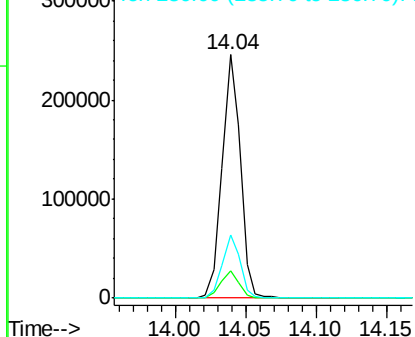


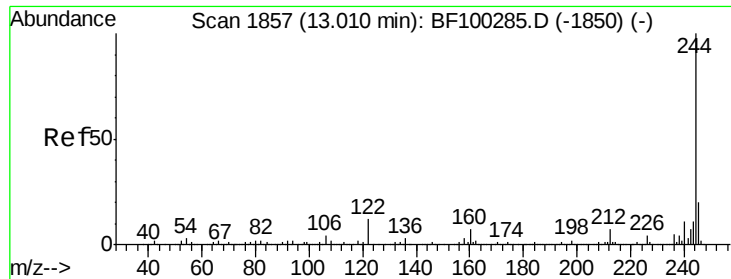
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100702.D
Acq: 18 Nov 2017 4:12

Tgt Ion:240 Resp: 221155
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.8 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: 31.70 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

Instrument :

BNA_F

ClientSampleId :

HL-7B

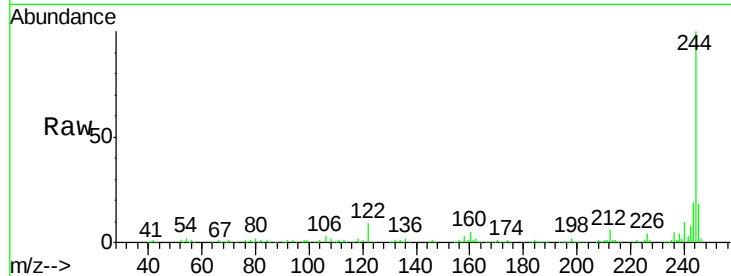
Tgt Ion:244 Resp: 305150

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

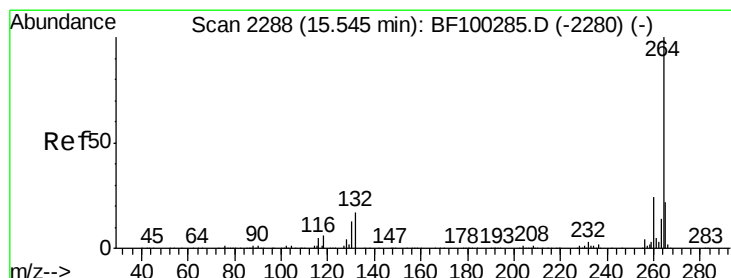
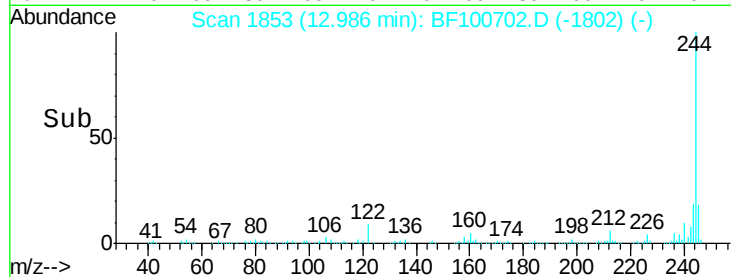
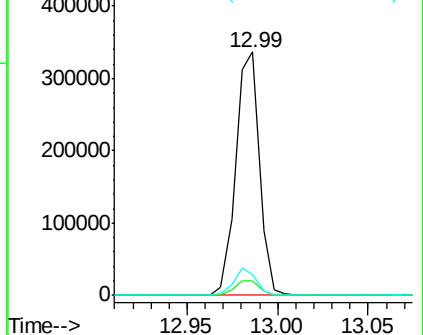
122 8.7 11.0 16.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100702.D

Acq: 18 Nov 2017 4:12

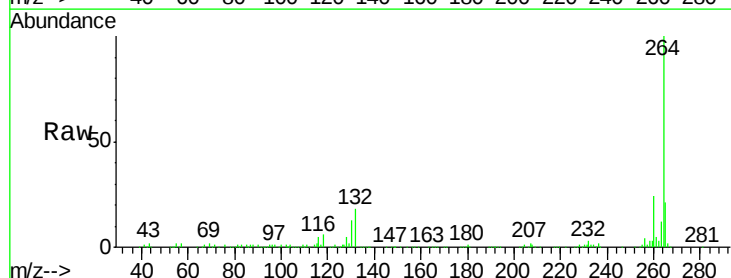
Tgt Ion:264 Resp: 189446

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

