

Data File : BF100701.D
Acq On : 18 Nov 2017 3:45
Operator : SJ/JU
Sample : I6340-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-7A

Quant Time: Nov 18 04:58:20 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	95031	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	359829	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	142603	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	216325	20.00	ng	0.00
75) Chrysene-d12	14.04	240	217107	20.00	ng	0.00
86) Perylene-d12	15.52	264	185636	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	527878	89.04	ng	0.01
7) Phenol-d6	6.50	99	622441	85.14	ng	0.00
23) Nitrobenzene-d5	7.45	82	371208	68.20	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	112182	77.20	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	599319	64.00	ng	0.00
78) Terphenyl-d14	12.99	244	391420	41.43	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	21432	2.79	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	48039	9.48	ng	# 80
25) Isophorone	7.45	82	371205	32.46	ng	# 64
47) 2-Nitroaniline	9.23	65	852	3.09	ng	# 1
49) Dimethylphthalate	9.63	163	26918	2.47	ng	99
50) 2,6-Dinitrotoluene	9.92	165	17616	8.17	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	17616	6.48	ng	# 21
66) 4-Bromophenyl-phenylether	10.70	248	6909	2.98	ng	# 1

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

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ClientSampled :

HL-7A

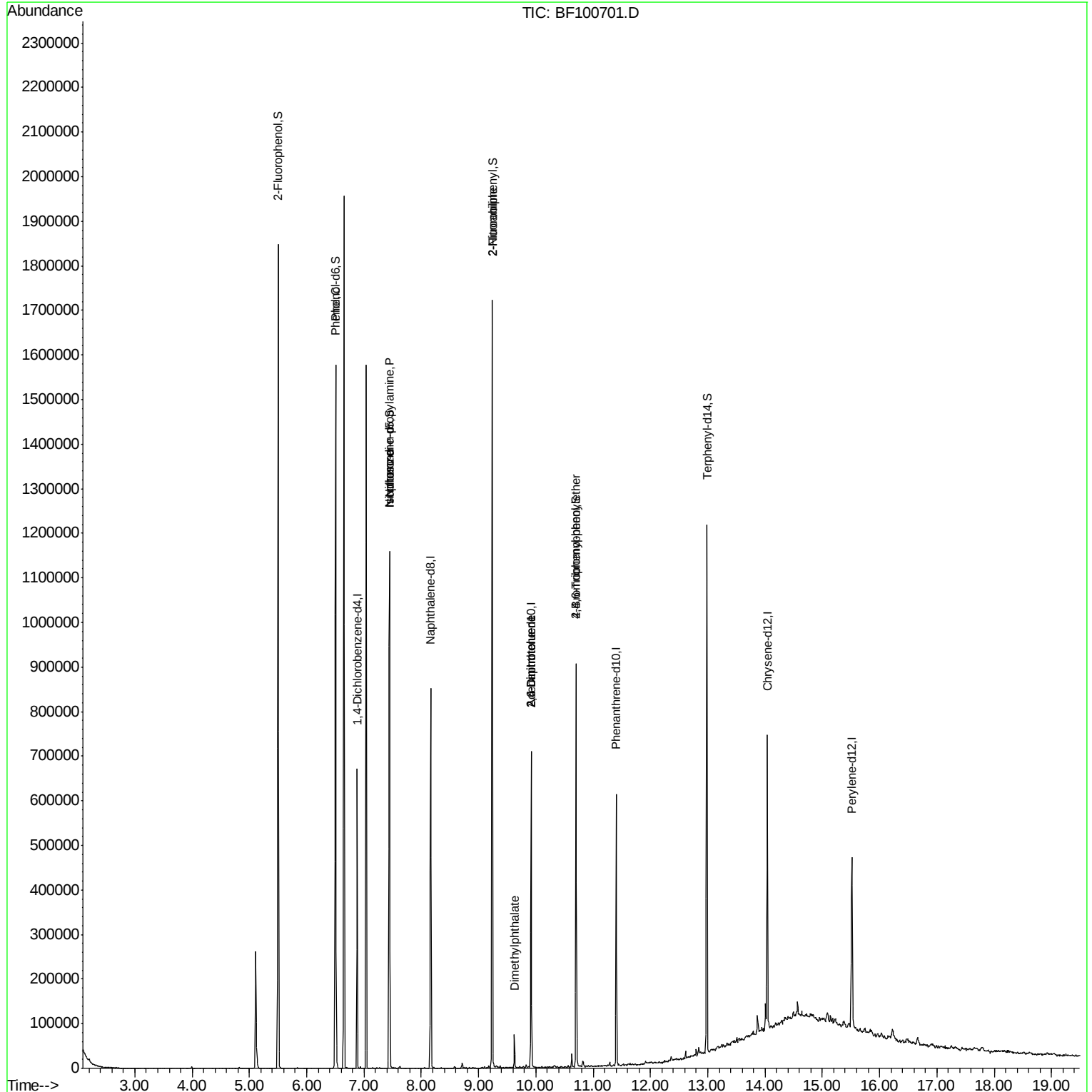
Quant Time: Nov 18 04:58:20 2017

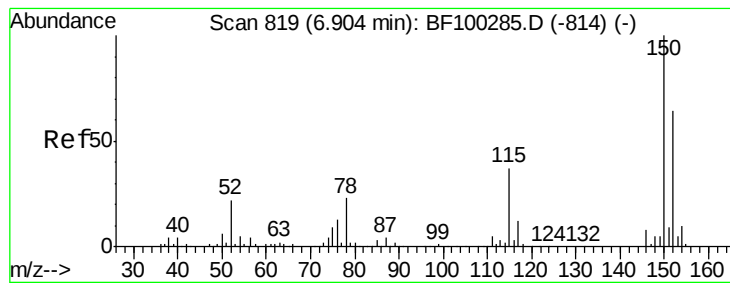
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Instrument :

BNA_F

ClientSampleId :

HL-7A

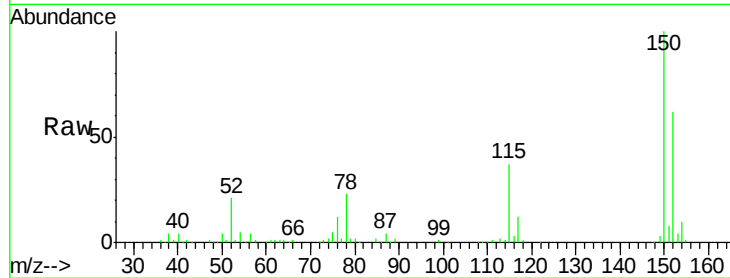
Tgt Ion:152 Resp: 95031

Ion Ratio Lower Upper

152 100

150 162.0 124.6 186.8

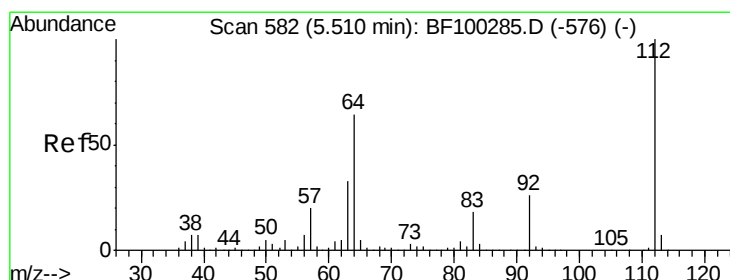
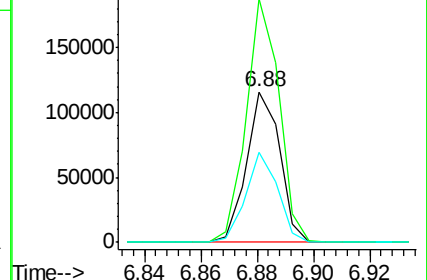
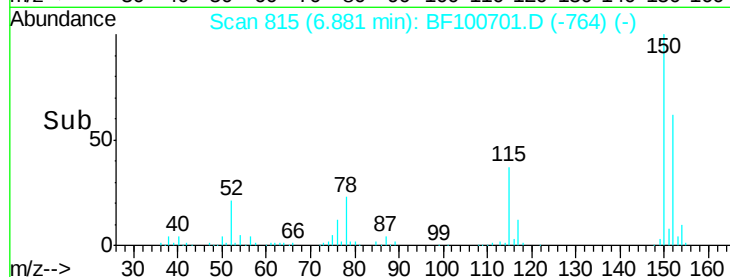
115 60.1 50.1 75.1



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: 89.04 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

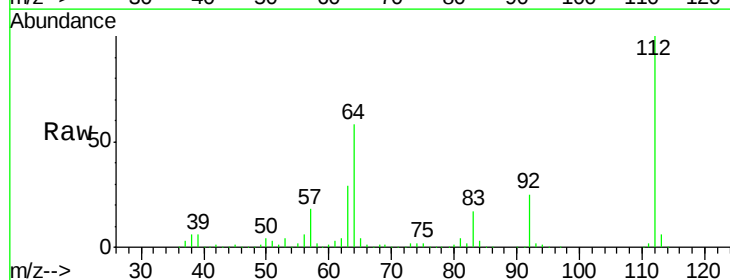
Tgt Ion:112 Resp: 527878

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

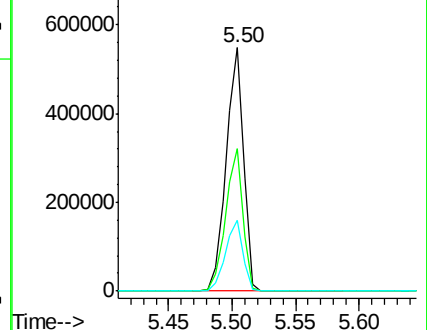
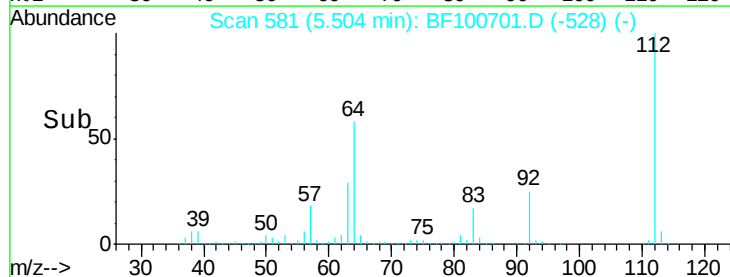
63 29.0 23.7 35.5



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: 85.14 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Instrument :

BNA_F

ClientSampleId :

HL-7A

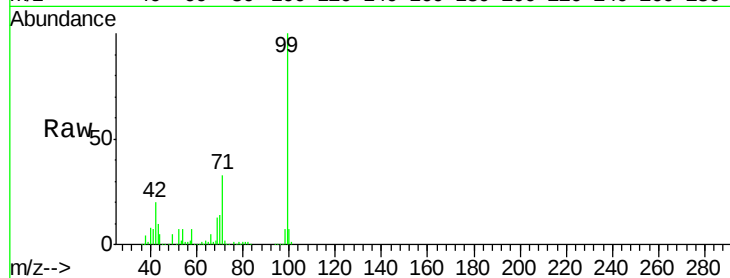
Tgt Ion: 99 Resp: 622441

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

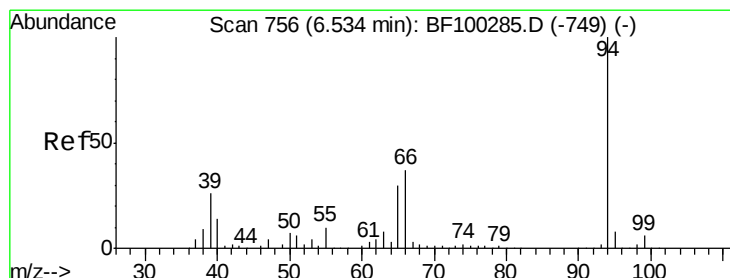
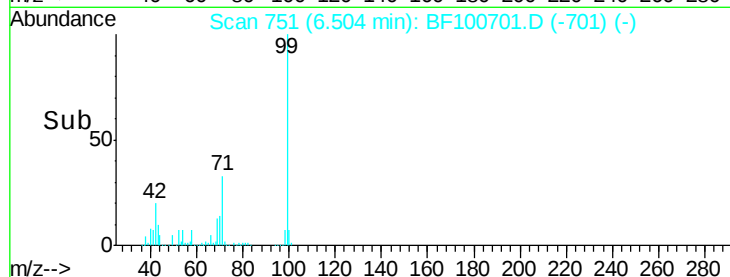
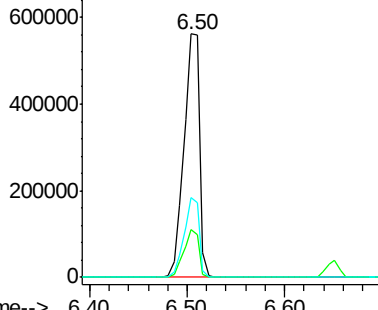
71 32.5 25.4 38.0



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



#10

Phenol

Concen: 2.79 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

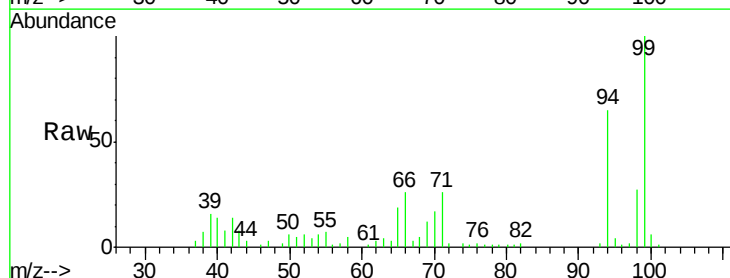
Tgt Ion: 94 Resp: 21432

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

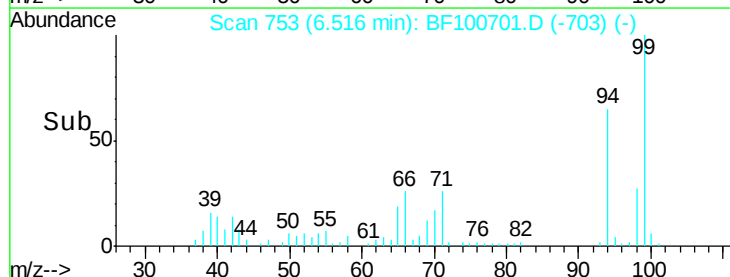
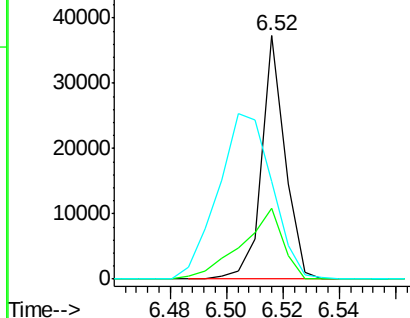
66 40.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 9.48 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Instrument :

BNA_F

ClientSampleId :

HL-7A

Tgt Ion: 70 Resp: 48039

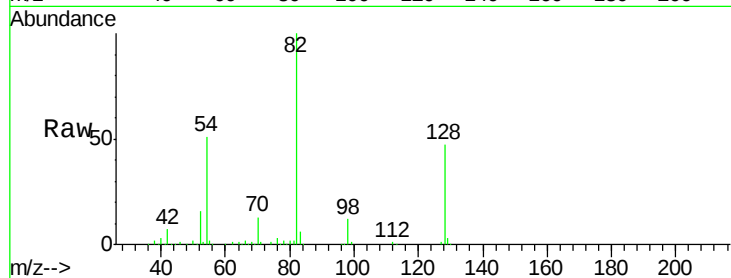
Ion Ratio Lower Upper

70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

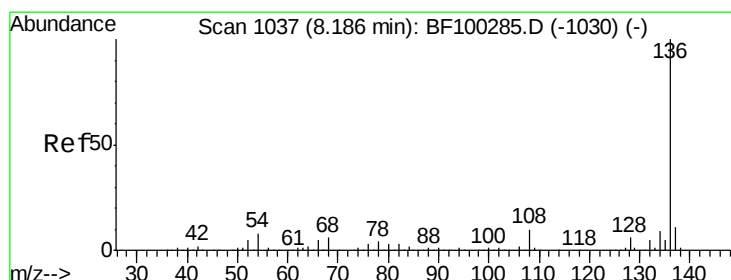
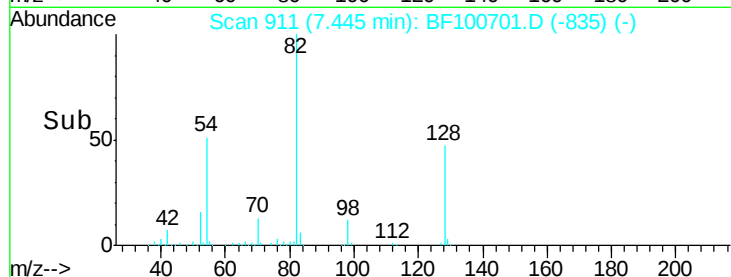
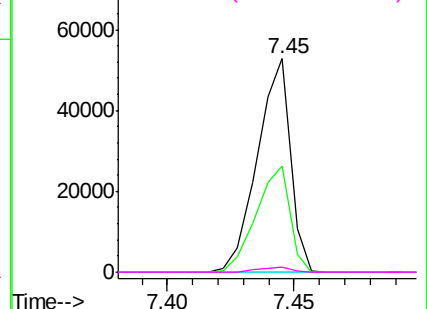


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Tgt Ion: 136 Resp: 359829

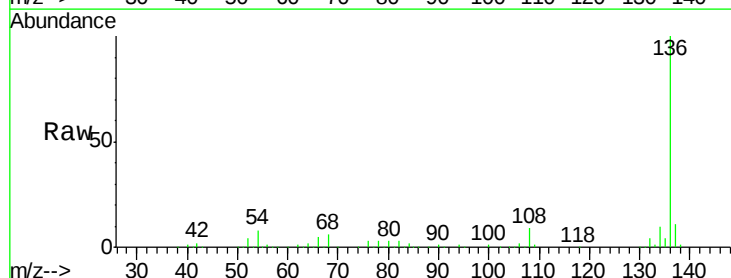
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.1 6.6 9.8

68 5.6 5.0 7.4

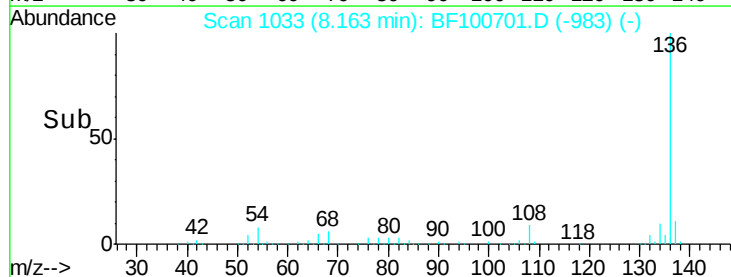
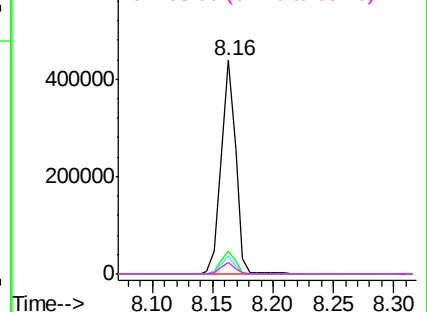


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

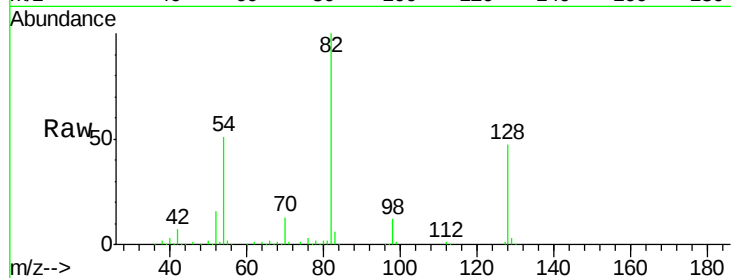




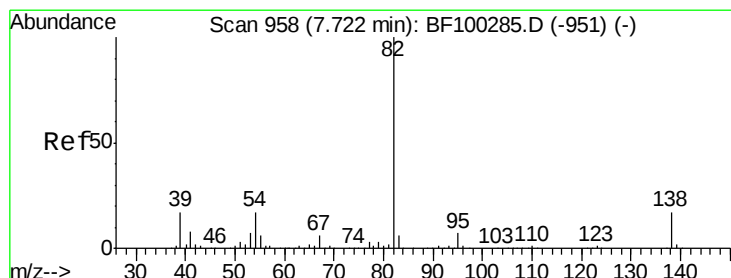
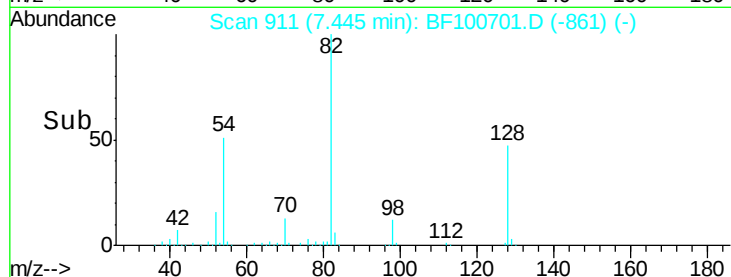
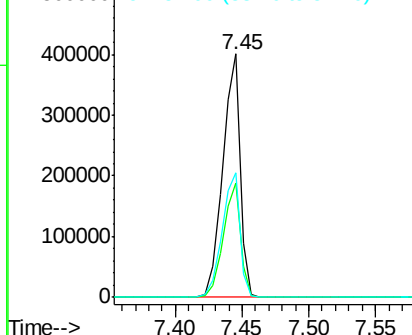
#23
Nitrobenzene-d5
Concen: 68.20 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

Instrument :
BNA_F
ClientSampled :
HL-7A

Tgt Ion: 82 Resp: 371208
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 51.4 41.4 62.2

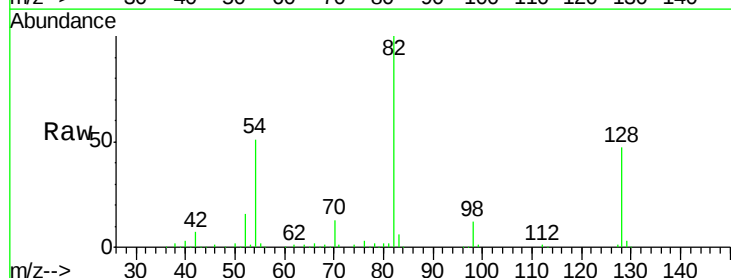


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

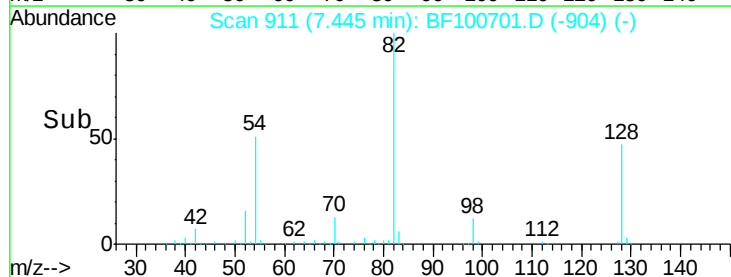
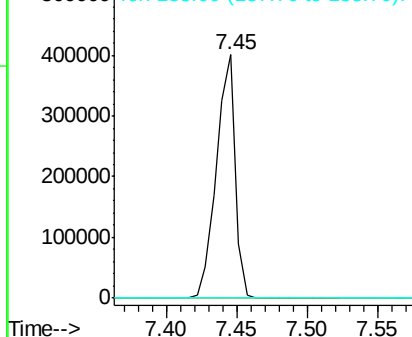


#25
Isophorone
Concen: 32.46 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

Tgt Ion: 82 Resp: 371205
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

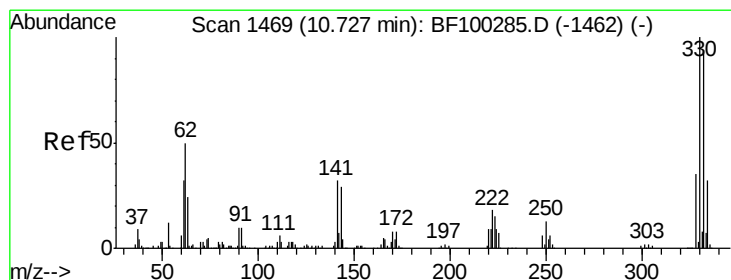
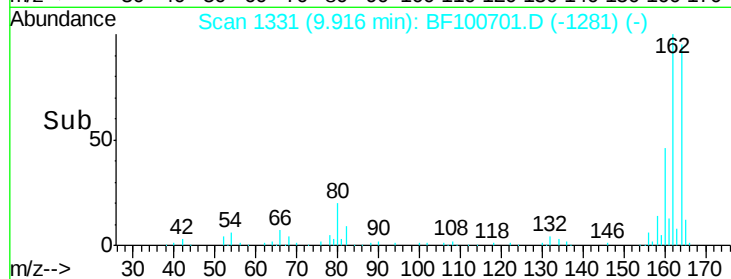
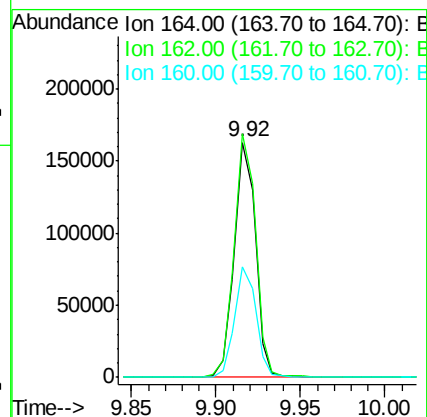
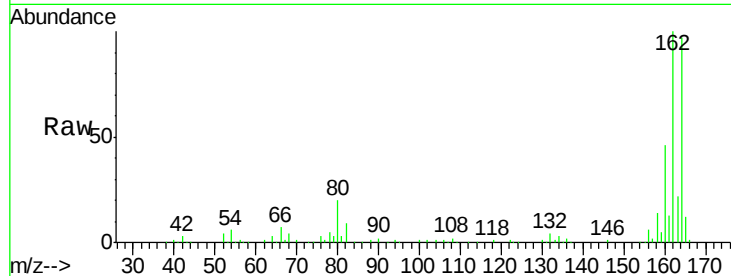




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100701.D
 Acq: 18 Nov 2017 3:45

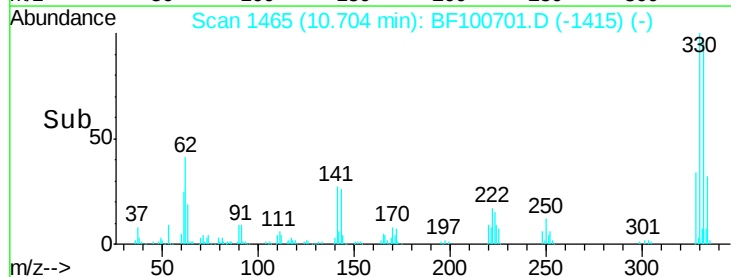
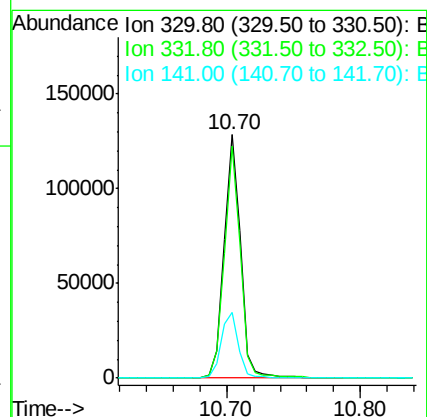
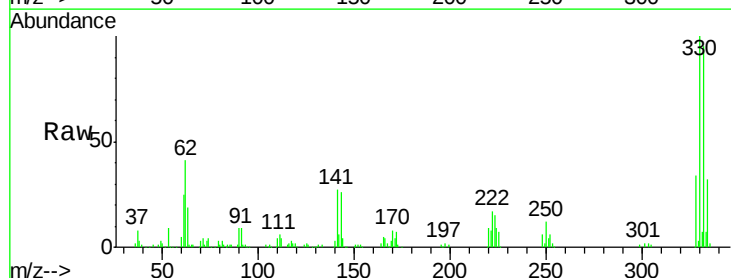
Instrument :
 BNA_F
 ClientSampleId :
 HL-7A

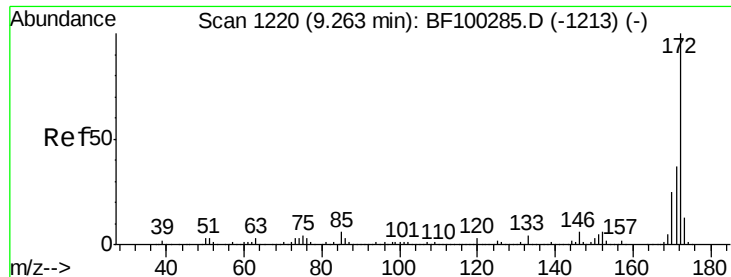
Tgt Ion:164 Resp: 142603
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 47.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 77.20 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100701.D
 Acq: 18 Nov 2017 3:45

Tgt Ion:330 Resp: 112182
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.0 115.6
 141 28.4 29.9 44.9#

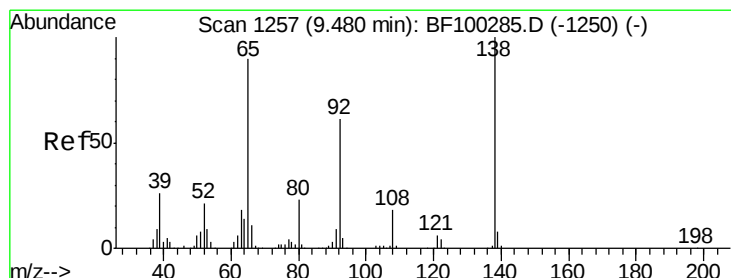
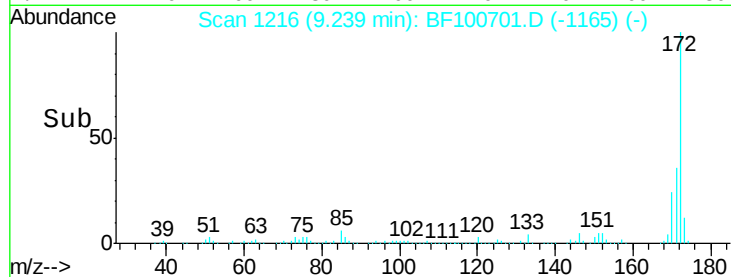
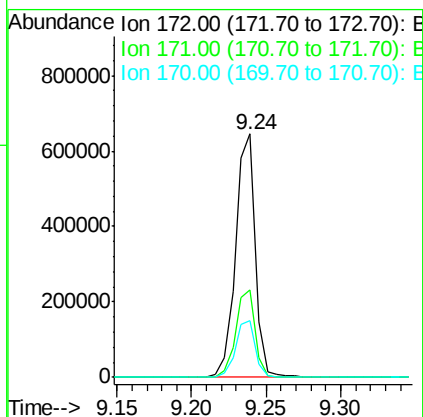
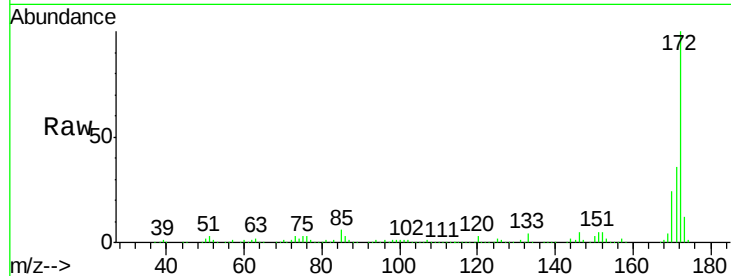




#44
 2-Fluorobiphenyl
 Concen: 64.00 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100701.D
 Acq: 18 Nov 2017 3:45

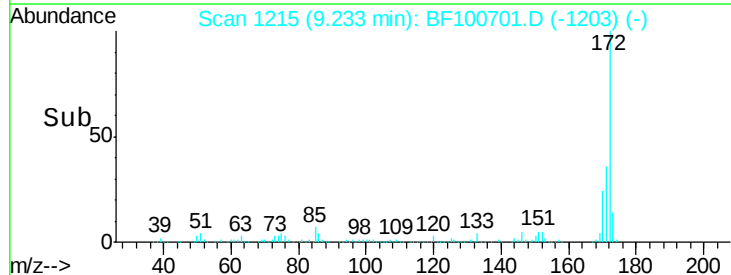
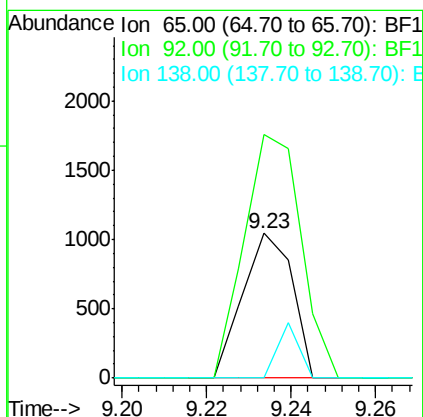
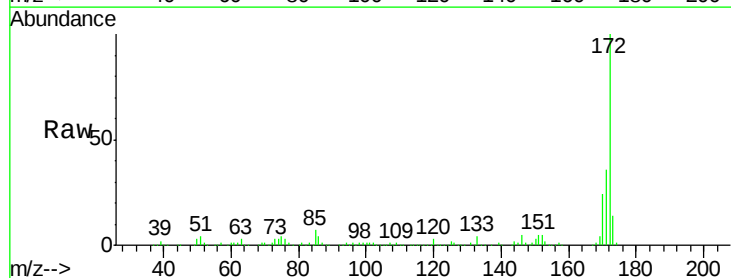
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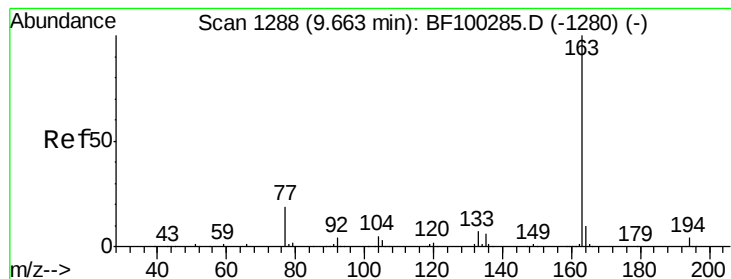
Tgt Ion: 172 Resp: 599319
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.5 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.09 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100701.D
 Acq: 18 Nov 2017 3:45

Tgt Ion: 65 Resp: 852
 Ion Ratio Lower Upper
 65 100
 92 168.5 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 2.47 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Instrument :

BNA_F

ClientSampleId :

HL-7A

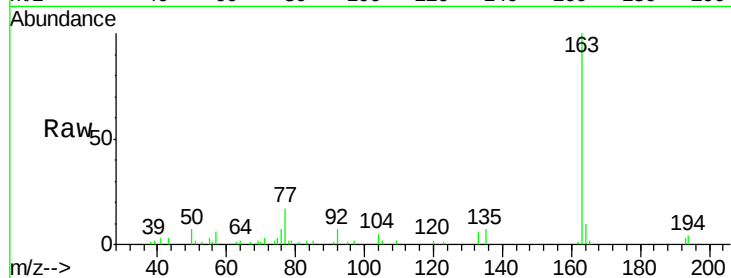
Tgt Ion:163 Resp: 26918

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

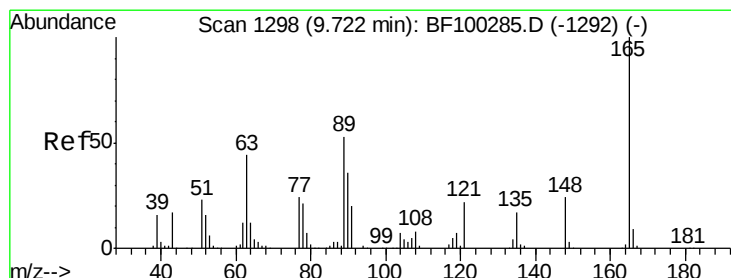
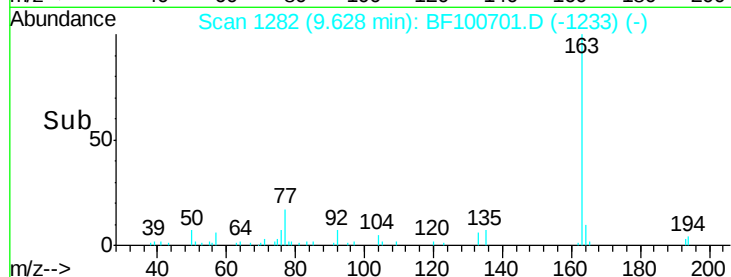
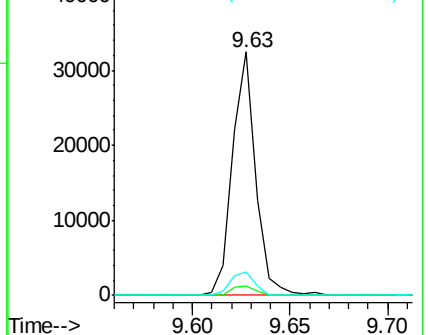
164 9.8 8.2 12.2



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: 8.17 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

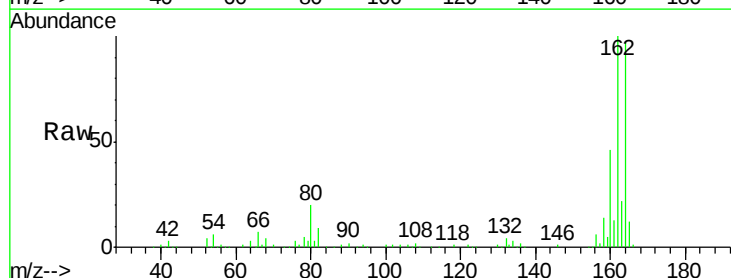
Tgt Ion:165 Resp: 17616

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

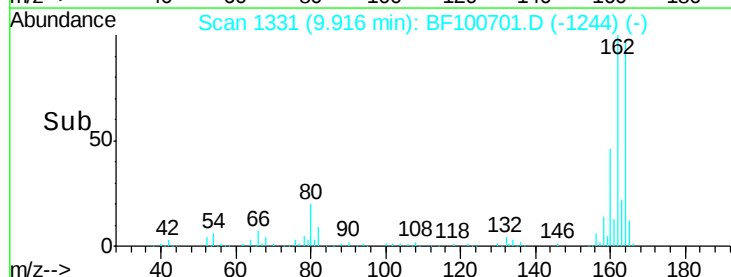
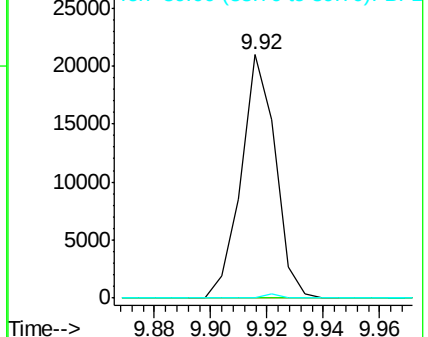
89 0.0 44.0 66.0#

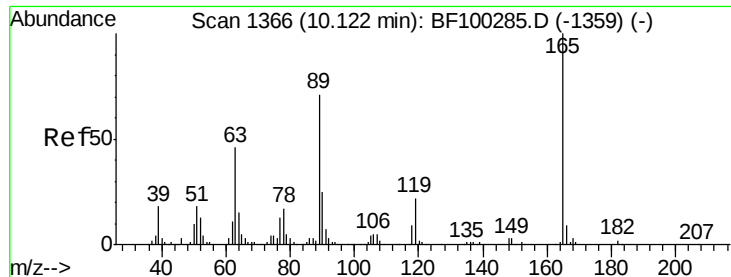


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

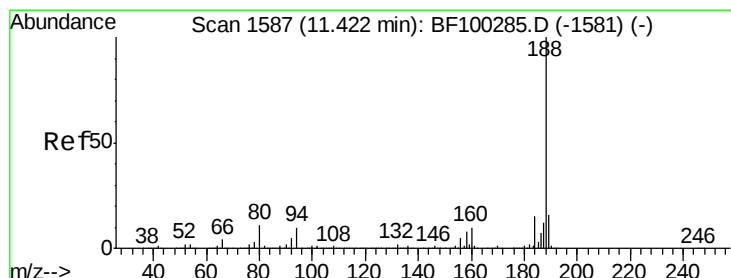
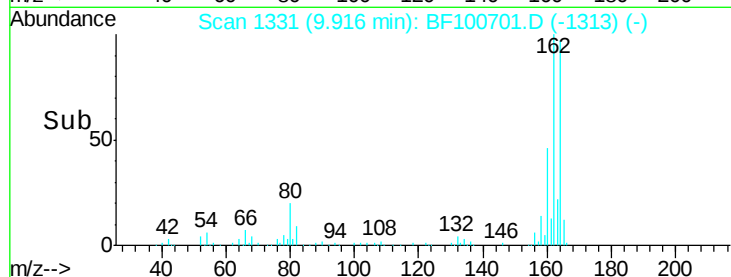
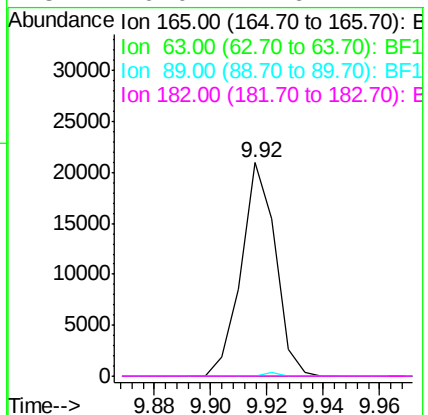
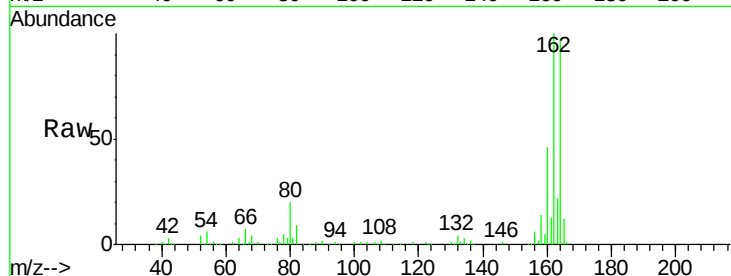




#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

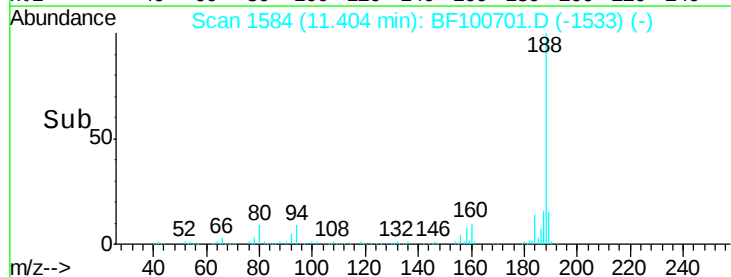
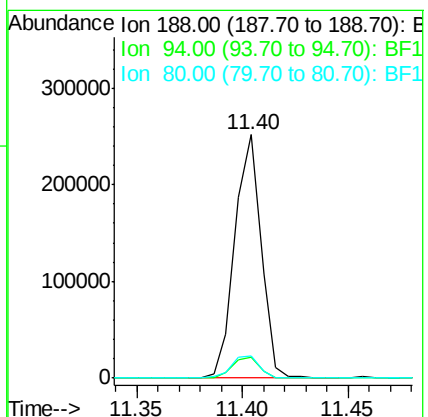
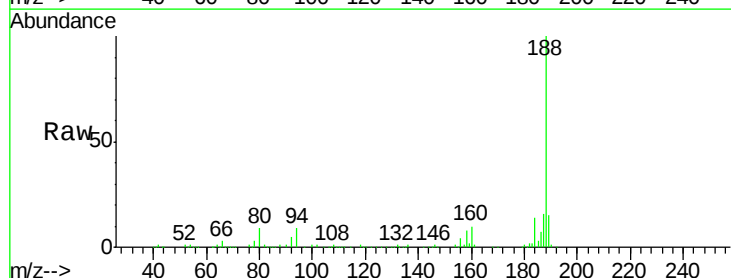
Instrument :
BNA_F
ClientSampleId :
HL-7A

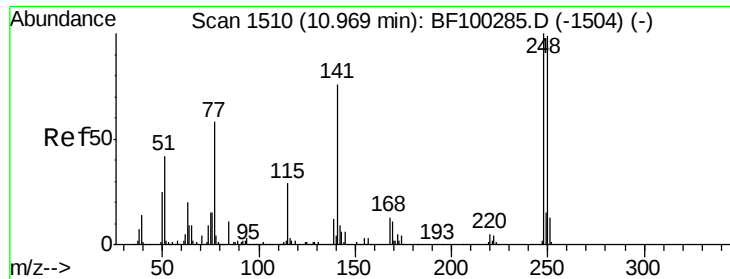
Tgt Ion:	165	Resp:	17616
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

Tgt Ion:	188	Resp:	216325
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.9	9.2	13.8#

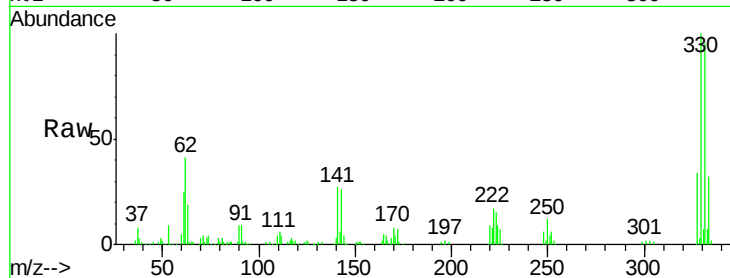




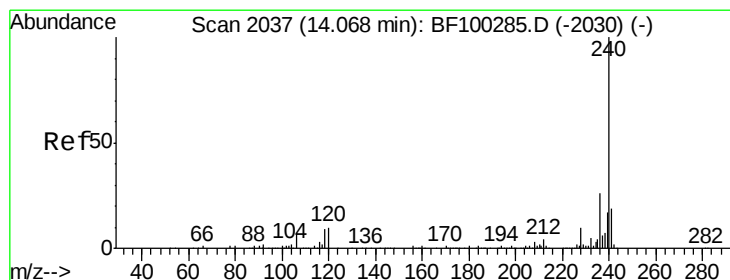
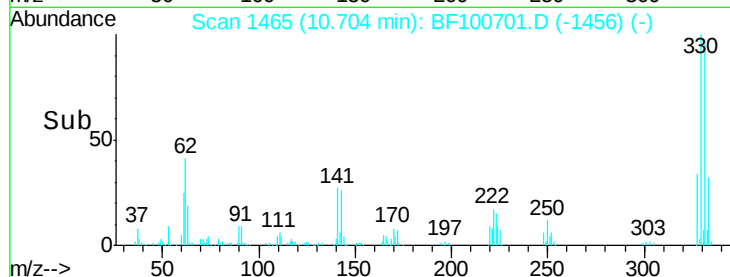
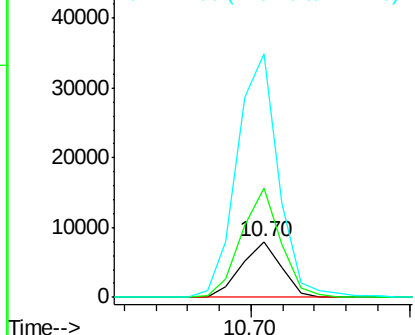
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

Instrument :
BNA_F
ClientSampleId :
HL-7A

Tgt Ion:248 Resp: 6909
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 436.6 74.4 111.6#

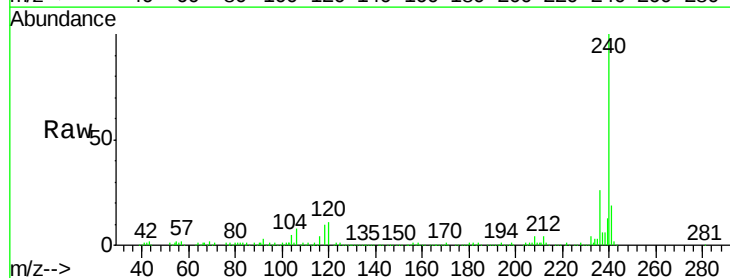


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

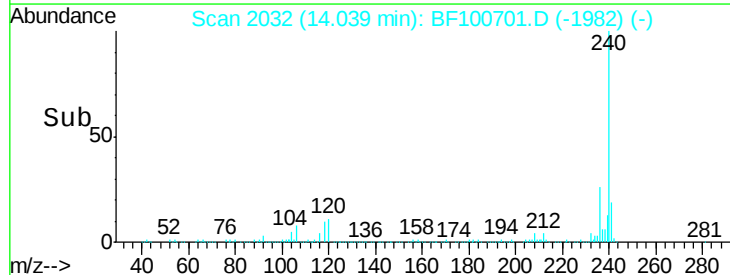
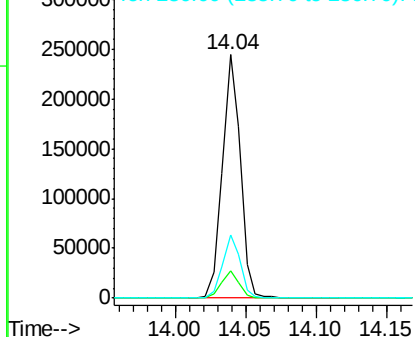


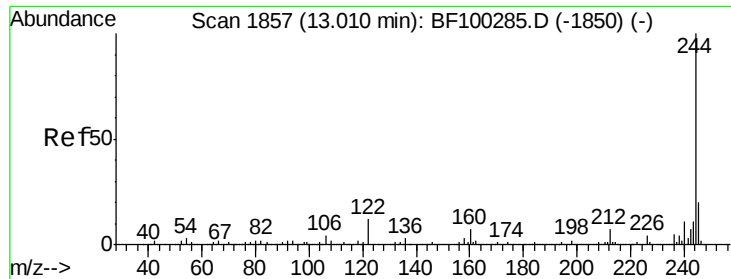
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100701.D
Acq: 18 Nov 2017 3:45

Tgt Ion:240 Resp: 217107
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.9 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: 41.43 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100701.D

Acq: 18 Nov 2017 3:45

Instrument :

BNA_F

ClientSampleId :

HL-7A

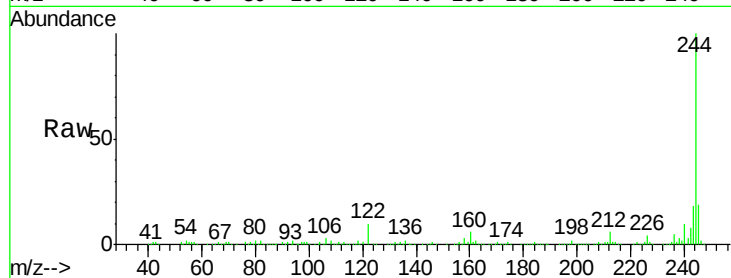
Tgt Ion:244 Resp: 391420

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

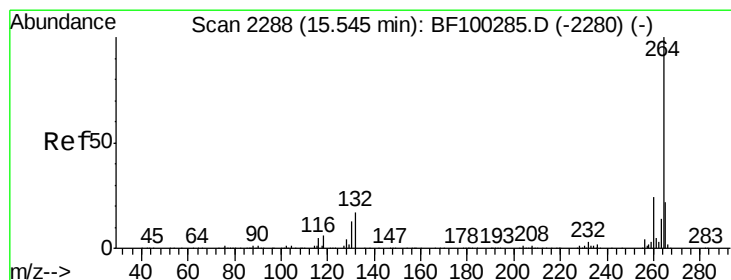
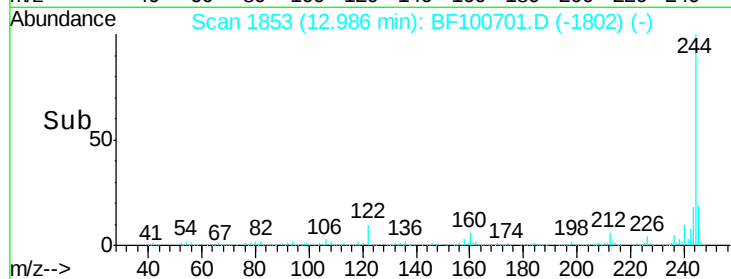
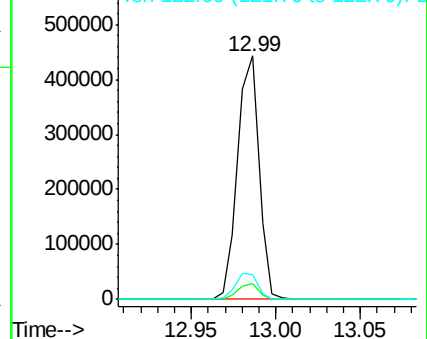
122 9.9 11.0 16.4#



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: BF100701.D

Acq: 18 Nov 2017 3:45

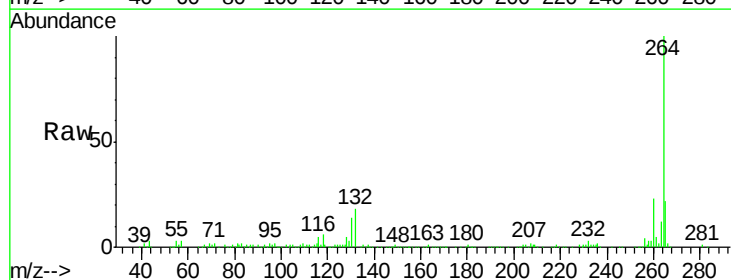
Tgt Ion:264 Resp: 185636

Ion Ratio Lower Upper

264 100

260 22.7 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

