

Data File : BF100703.D
Acq On : 18 Nov 2017 4:38
Operator : SJ/JU
Sample : I6343-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-15A

Quant Time: Nov 18 05:06:47 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	98099	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	374661	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150736	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	227866	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212162	20.00	ng	0.00
86) Perylene-d12	15.52	264	182914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	586887	95.90	ng	0.01
7) Phenol-d6	6.51	99	697656	92.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	419116	73.96	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130198	84.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	658484	66.52	ng	0.00
78) Terphenyl-d14	12.99	244	403929	43.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	53594	10.24	ng	# 82
25) Isophorone	7.45	82	419178	35.20	ng	# 64
47) 2-Nitroaniline	9.63	65	1201	3.19	ng	# 1
49) Dimethylphthalate	9.63	163	159513	13.86	ng	100
56) 2,4-Dinitrotoluene	9.92	165	19590	6.82	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	274	8.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7902	3.23	ng	# 1

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

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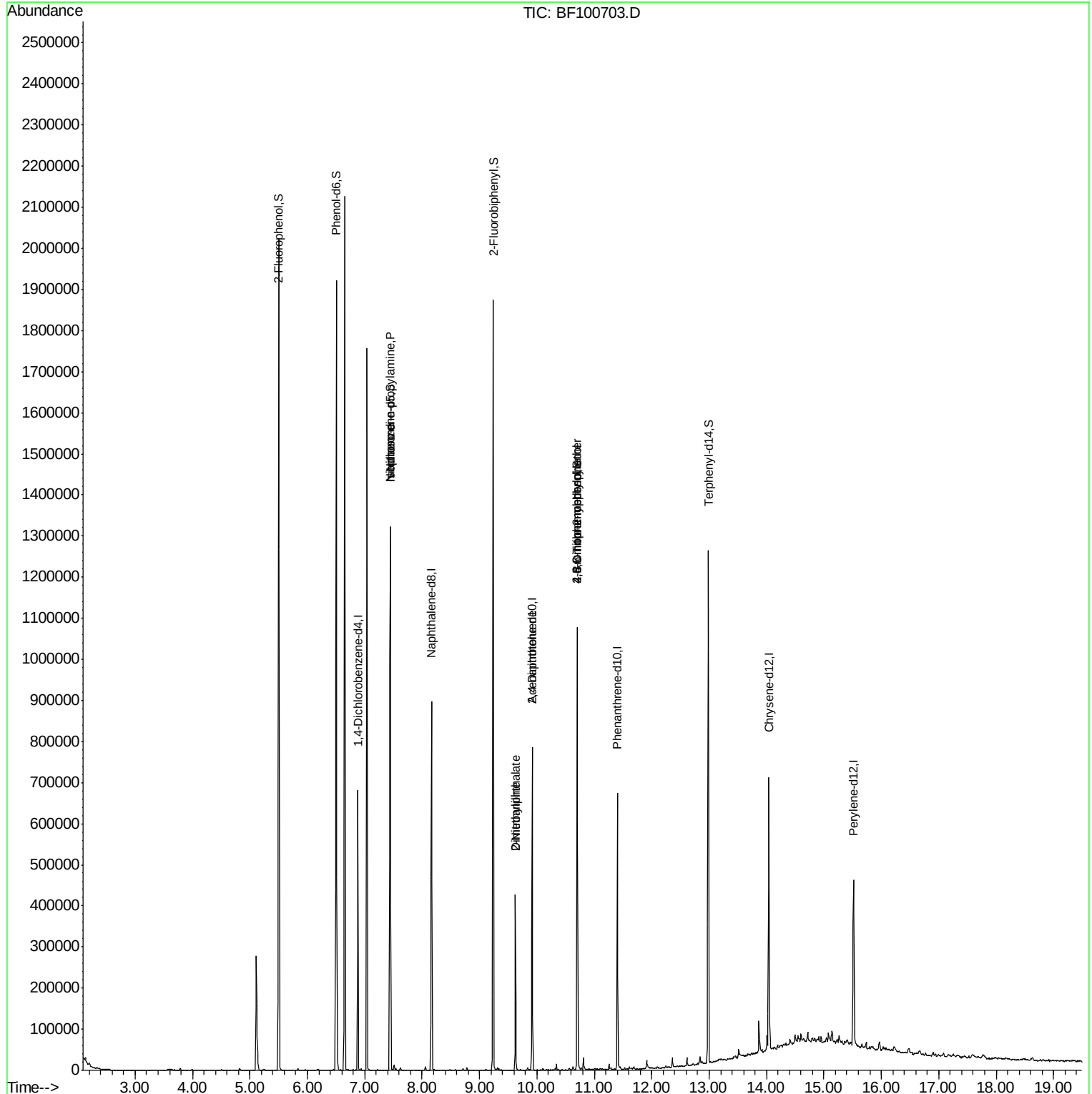
Quant Time: Nov 18 05:06:47 2017

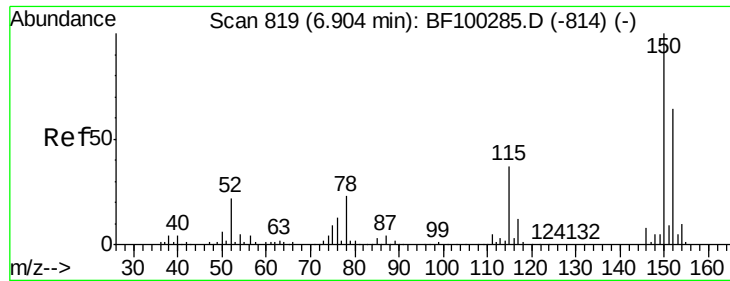
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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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

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ClientSampleId :

HL-15A

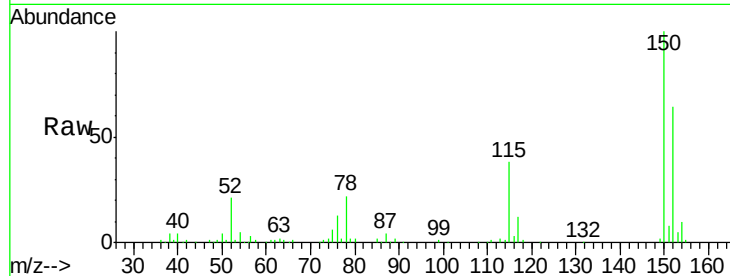
Tgt Ion:152 Resp: 98099

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

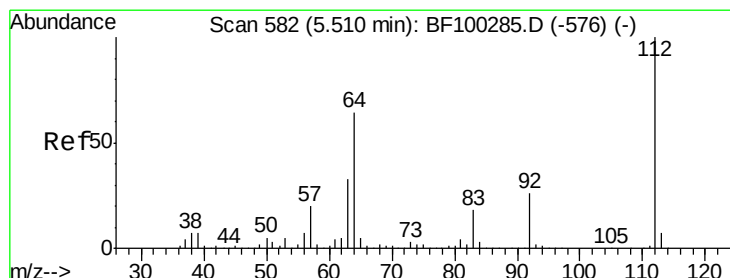
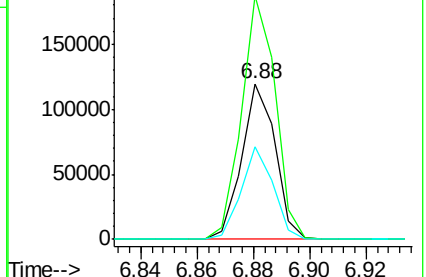
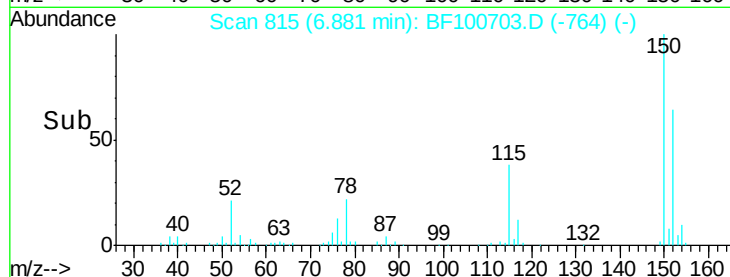
115 59.3 50.1 75.1



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: 95.90 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

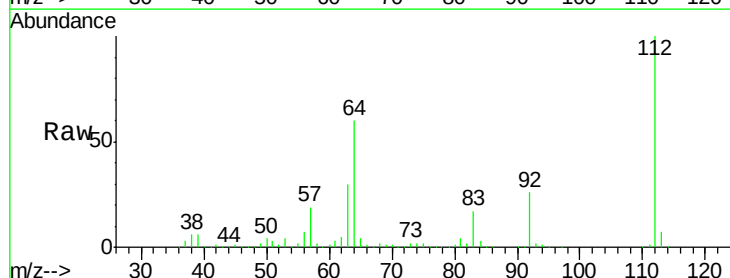
Tgt Ion:112 Resp: 586887

Ion Ratio Lower Upper

112 100

64 60.4 47.9 71.9

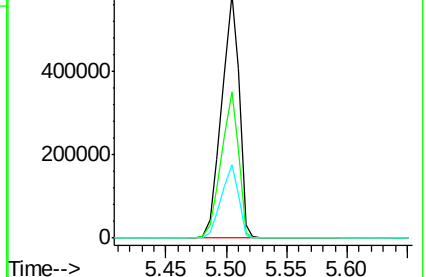
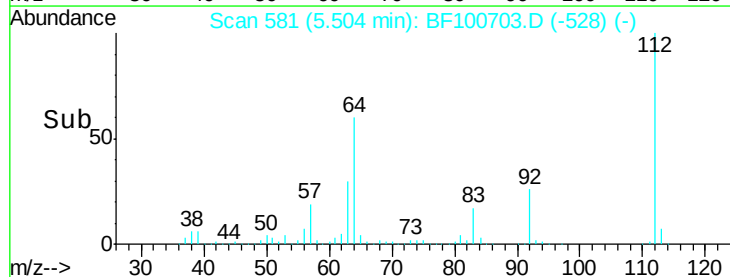
63 30.2 23.7 35.5

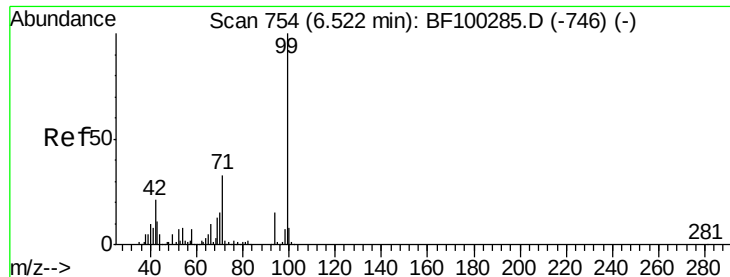


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.45 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

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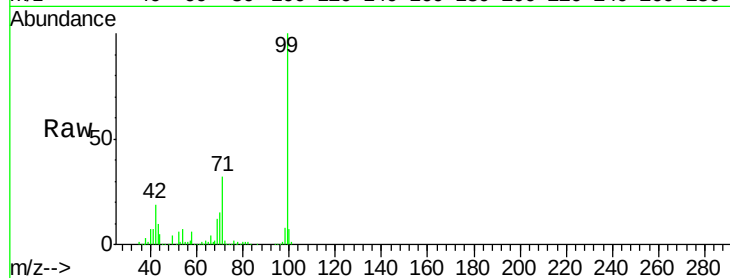
Tgt Ion: 99 Resp: 697656

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

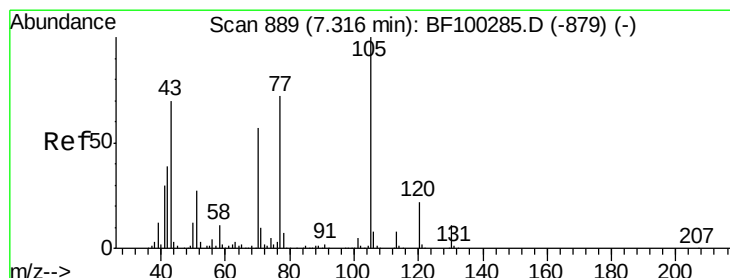
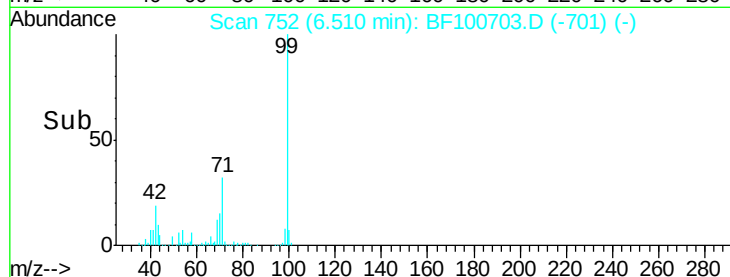
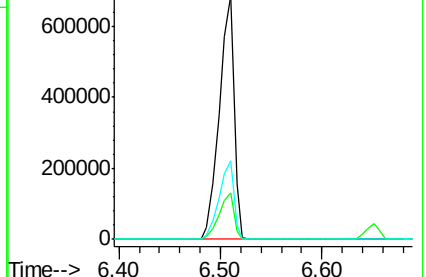
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.24 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

Tgt Ion: 70 Resp: 53594

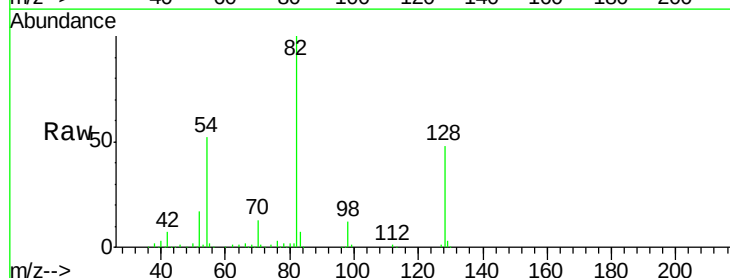
Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

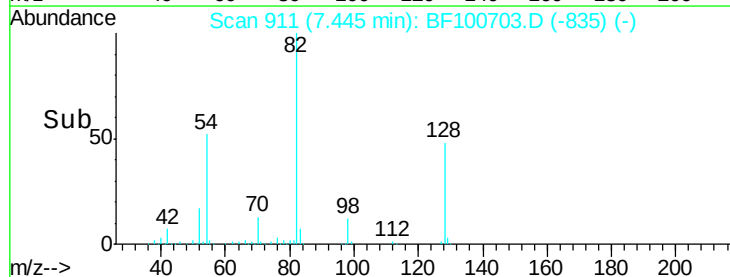
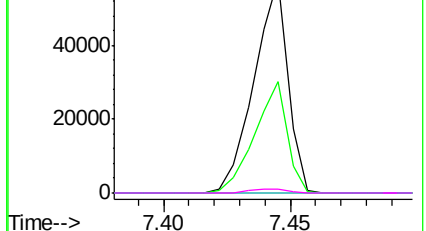


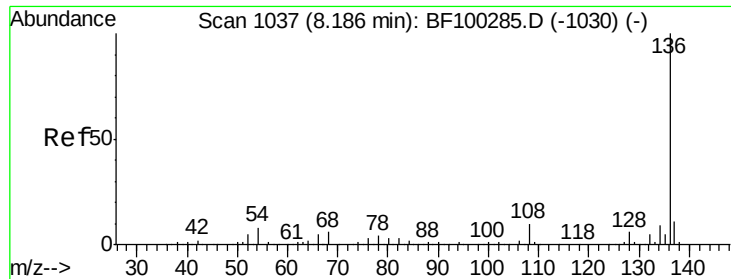
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

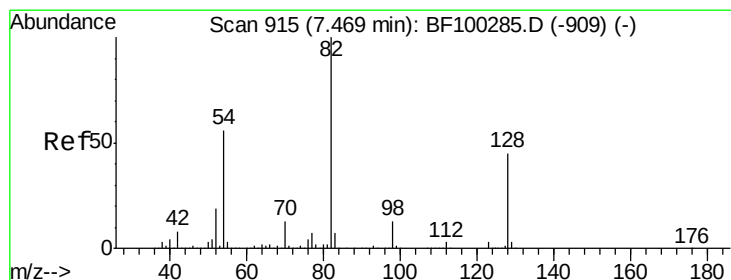
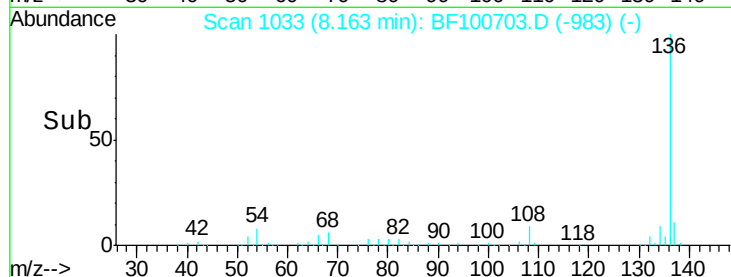
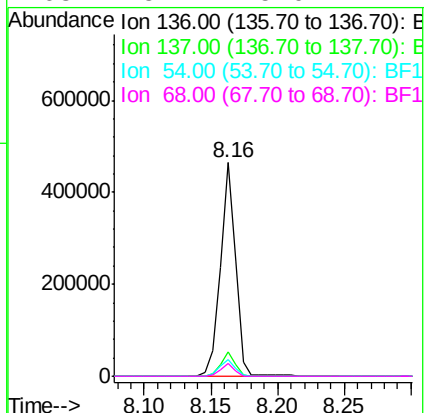
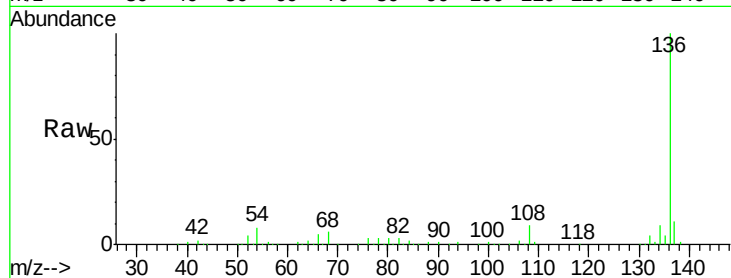




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

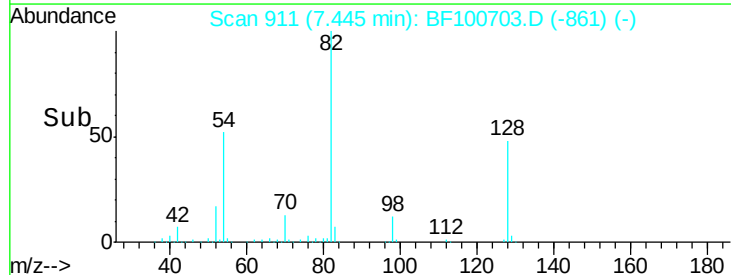
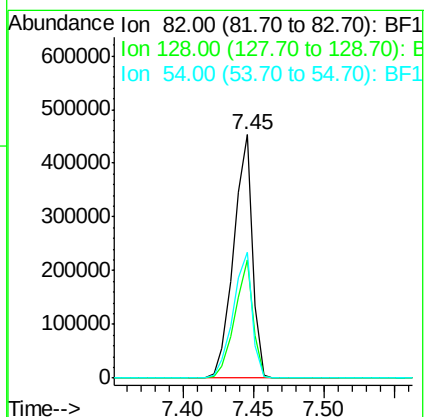
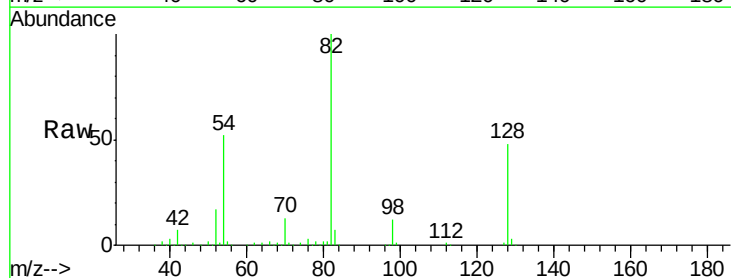
Instrument :
BNA_F
ClientSampleId :
HL-15A

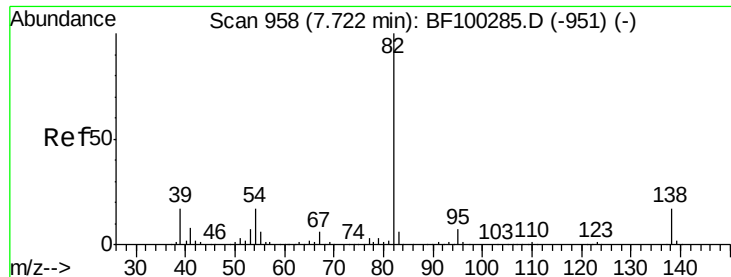
Tgt Ion:	136	Resp:	374661
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.96 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion:	82	Resp:	419116
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	51.8	41.4	62.2





#25

Isophorone

Concen: 35.20 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

Instrument :

BNA_F

ClientSampleId :

HL-15A

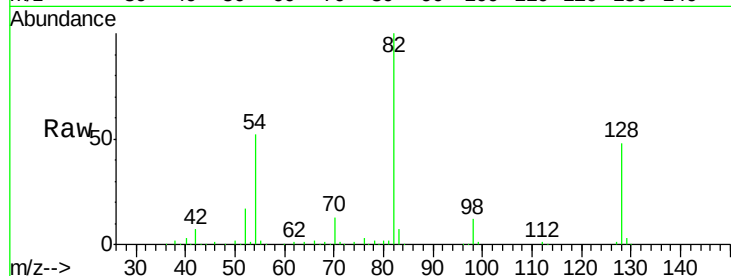
Tgt Ion: 82 Resp: 419178

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

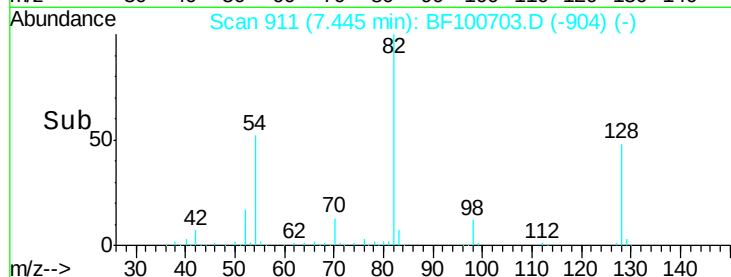


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



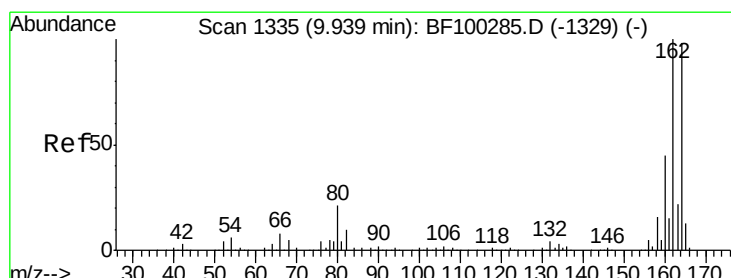
Abundance

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

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

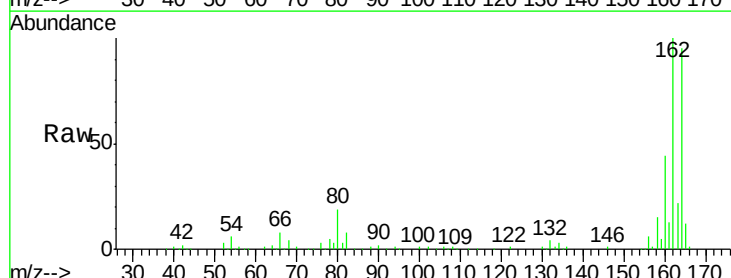
Tgt Ion: 164 Resp: 150736

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

160 45.7 38.3 57.5

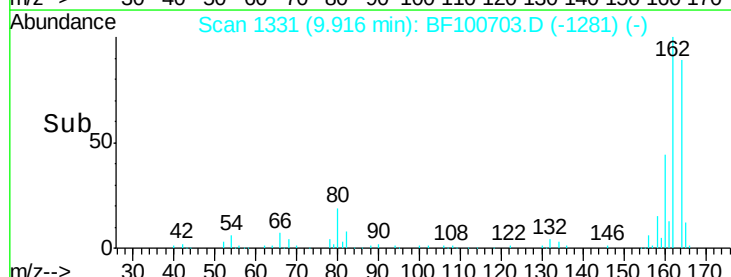


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



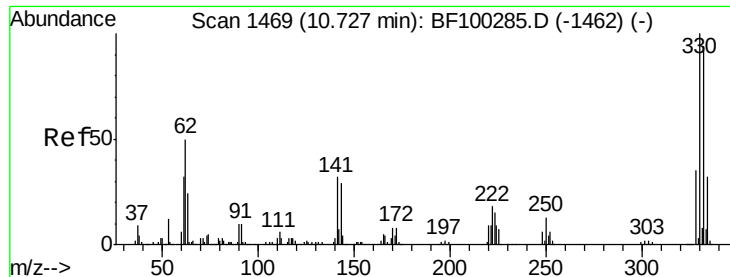
Abundance

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

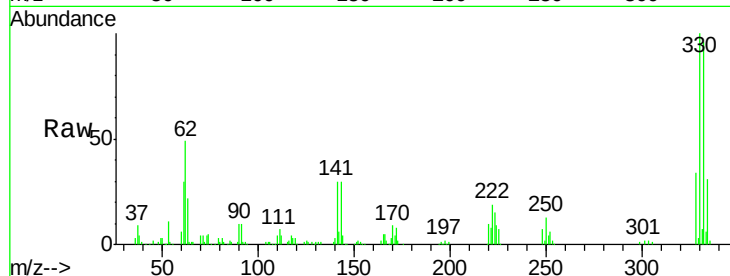
Time-->



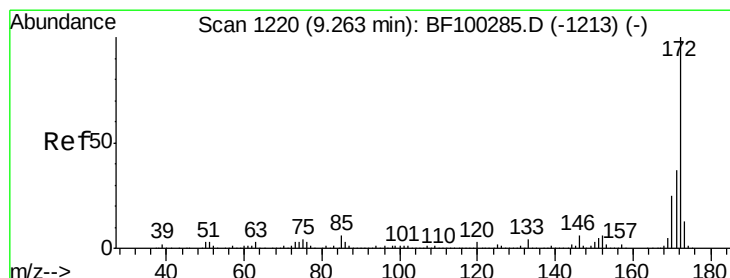
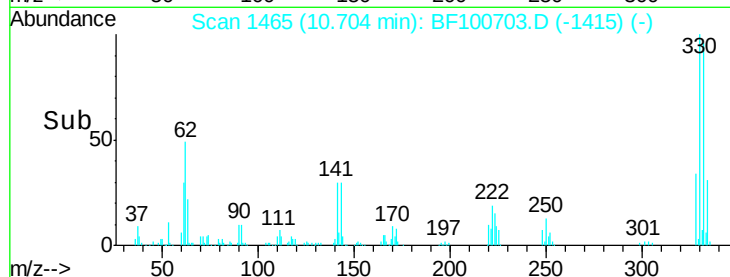
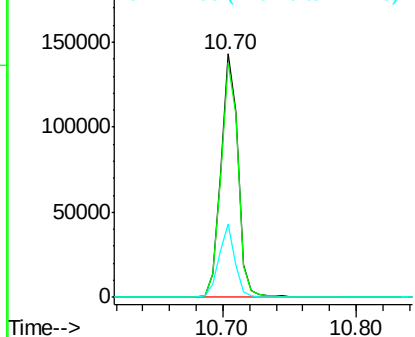
#41
 2,4,6-Tribromophenol
 Concen: 84.76 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100703.D
 Acq: 18 Nov 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :
 HL-15A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	28.1	29.9	44.9#

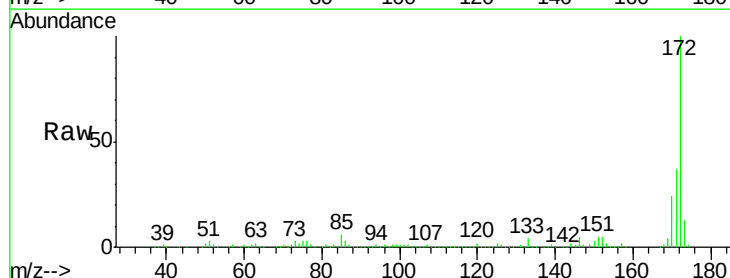


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

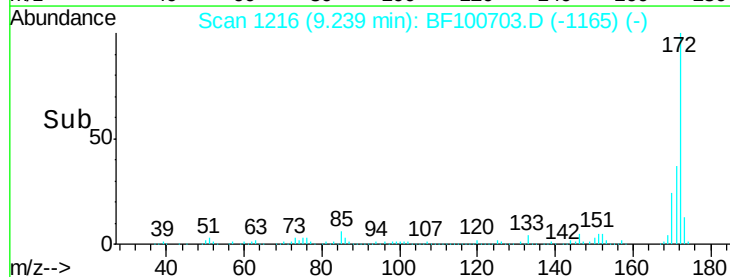
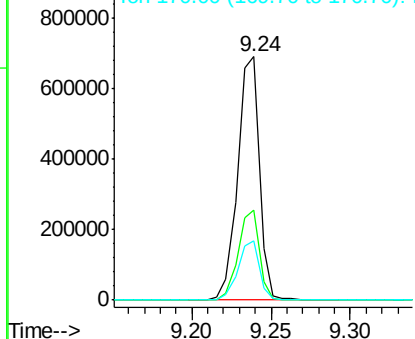


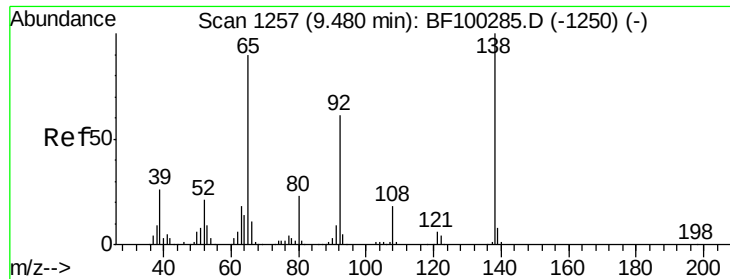
#44
 2-Fluorobiphenyl
 Concen: 66.52 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100703.D
 Acq: 18 Nov 2017 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	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

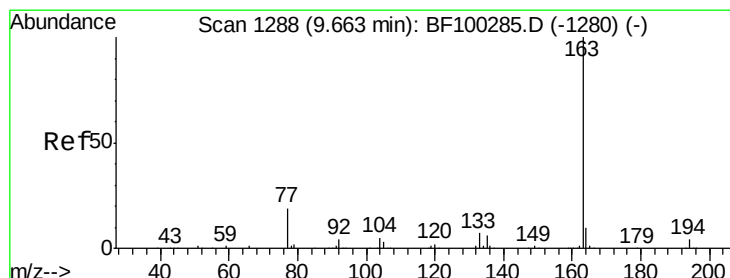
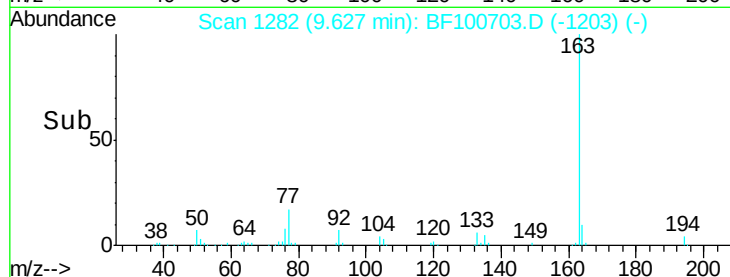
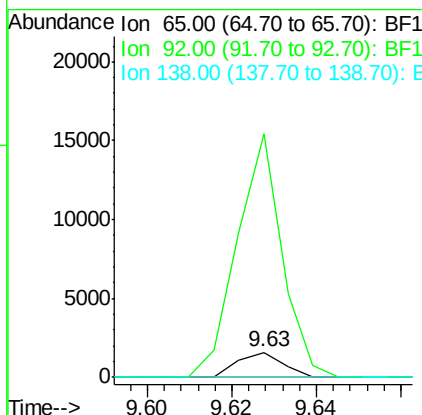
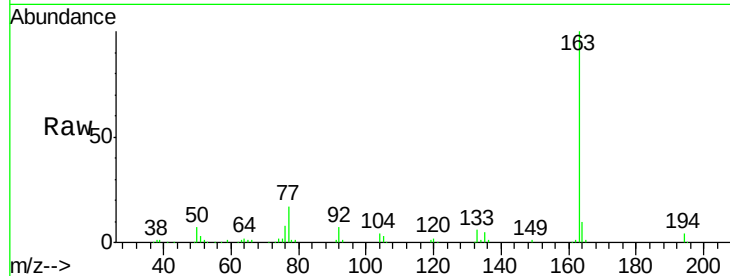




#47
2-Nitroaniline
Concen: 3.19 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

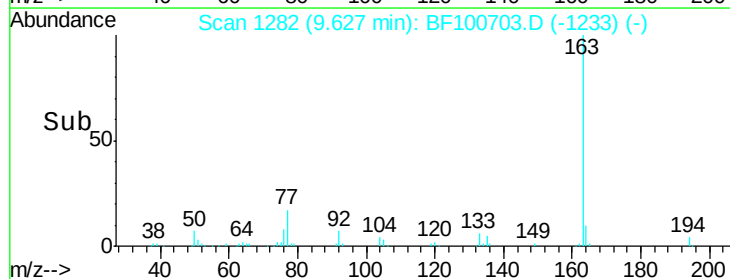
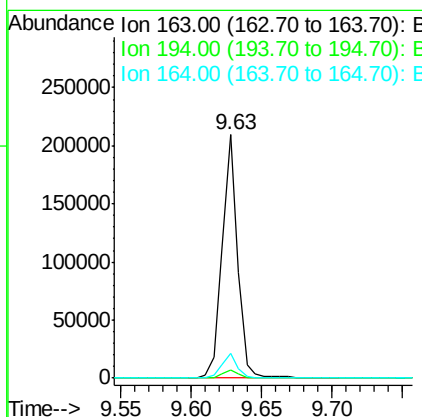
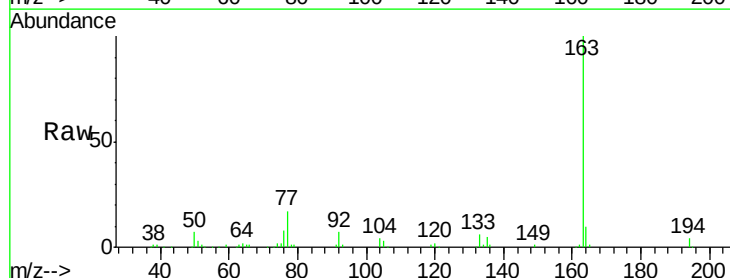
Instrument :
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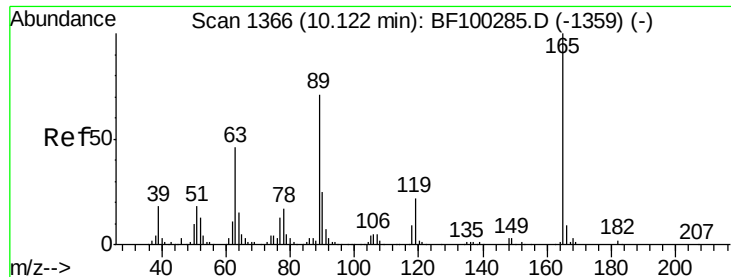
Tgt Ion: 65 Resp: 1201
Ion Ratio Lower Upper
65 100
92 960.4 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 13.86 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion: 163 Resp: 159513
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

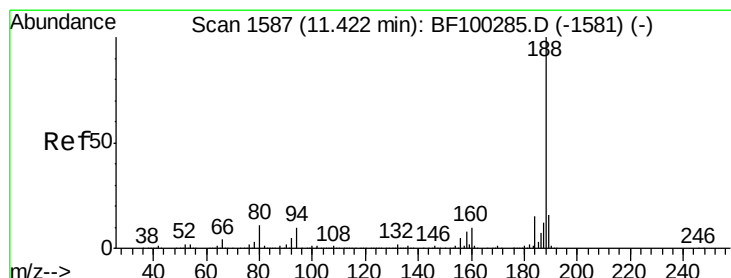
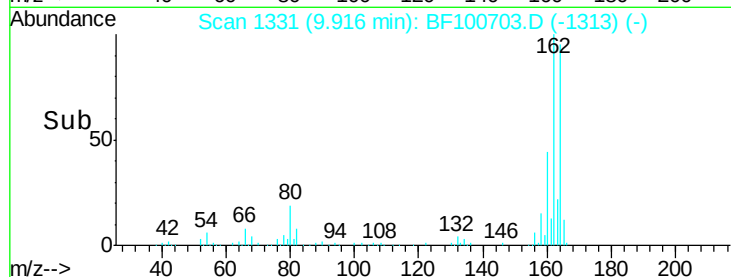
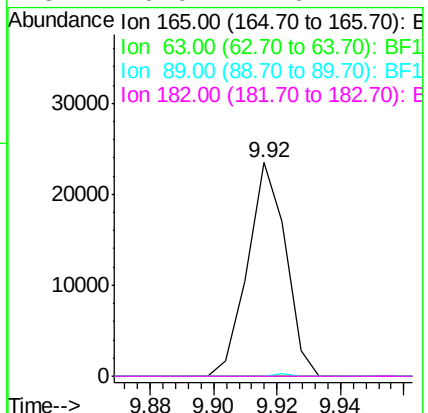
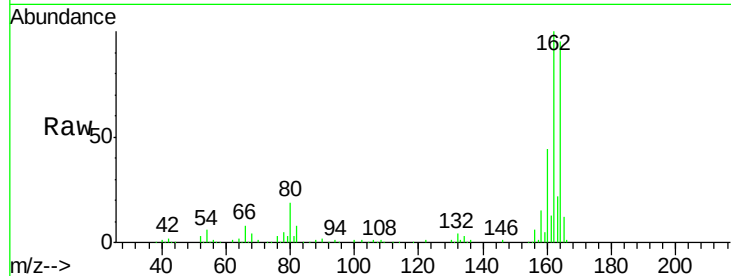




#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

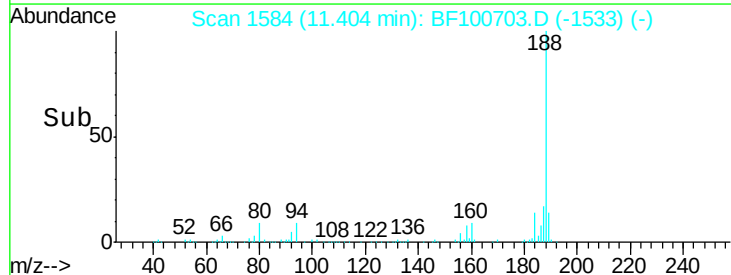
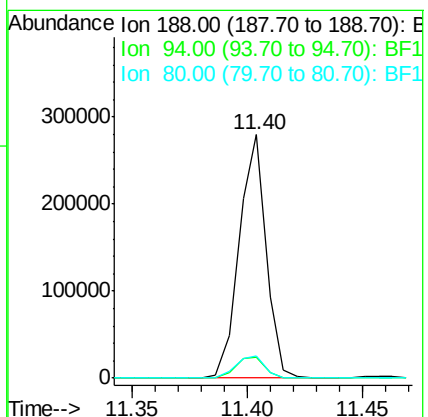
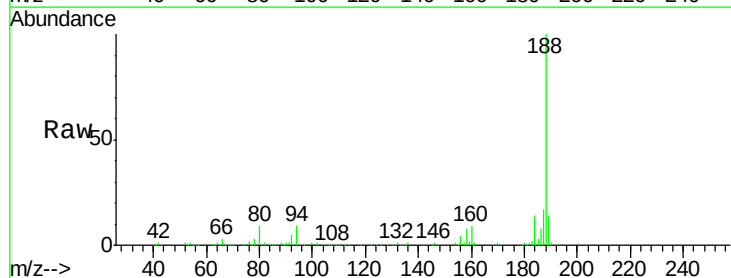
Instrument :
BNA_F
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HL-15A

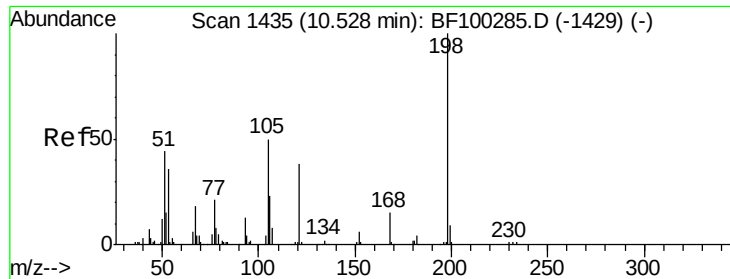
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

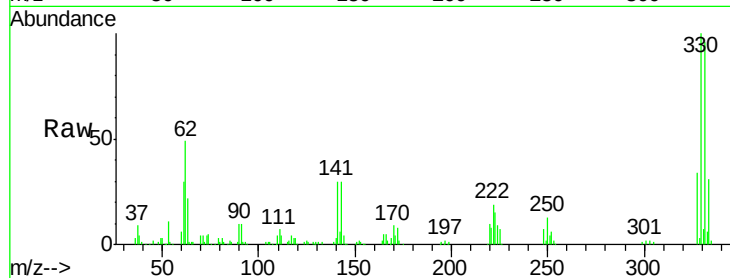




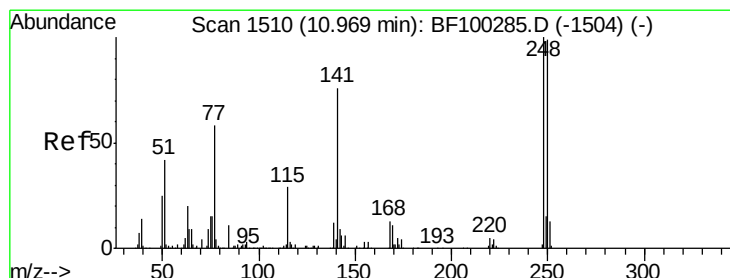
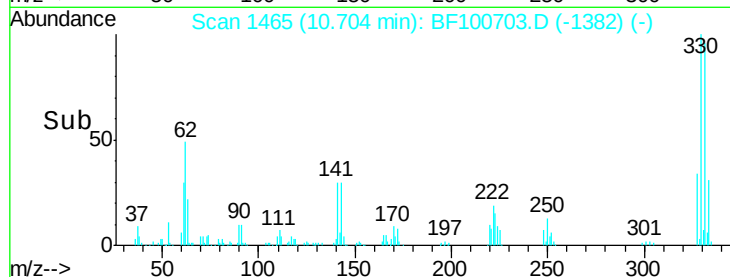
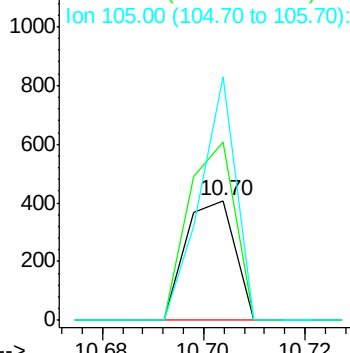
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.77 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100703.D
 Acq: 18 Nov 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :
 HL-15A

Tgt Ion:198 Resp: 274
 Ion Ratio Lower Upper
 198 100
 51 149.0 37.7 77.7#
 105 203.2 36.3 76.3#

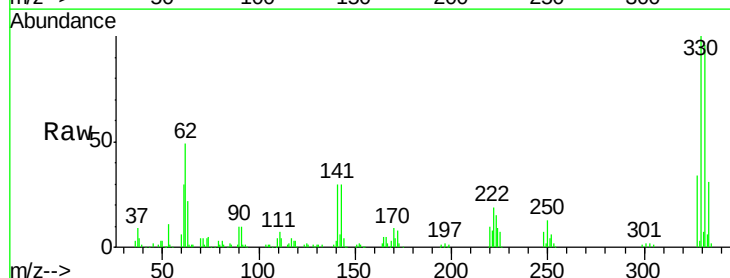


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

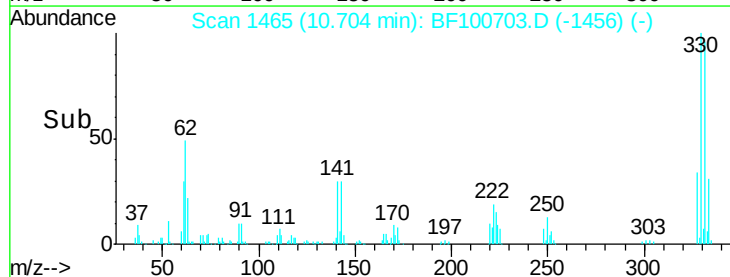
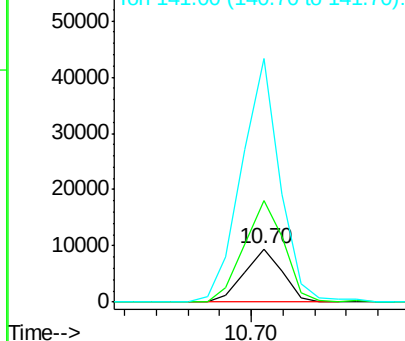


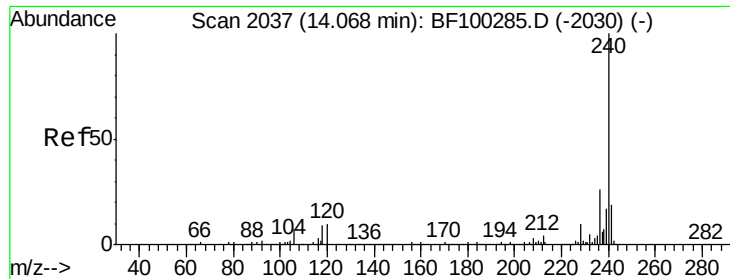
#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100703.D
 Acq: 18 Nov 2017 4:38

Tgt Ion:248 Resp: 7902
 Ion Ratio Lower Upper
 248 100
 250 190.1 76.9 115.3#
 141 456.3 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: BF100703.D

Acq: 18 Nov 2017 4:38

Instrument :

BNA_F

ClientSampleId :

HL-15A

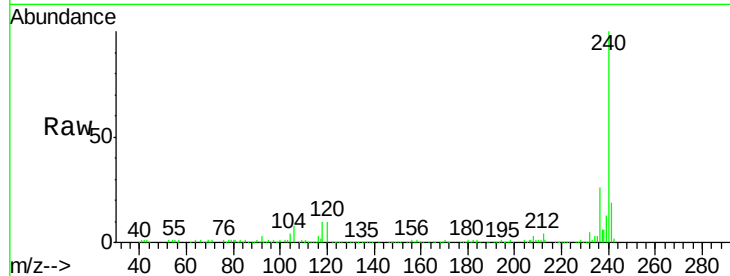
Tgt Ion:240 Resp: 212162

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

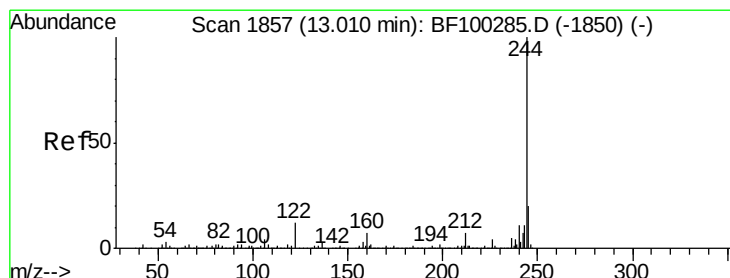
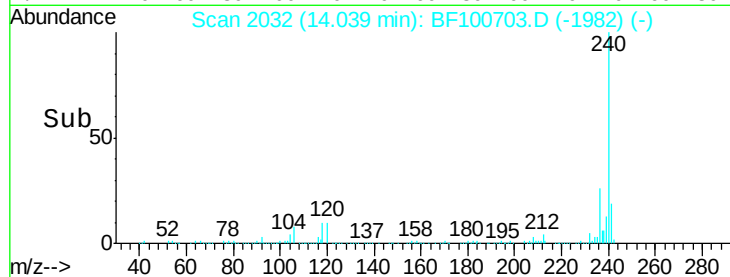
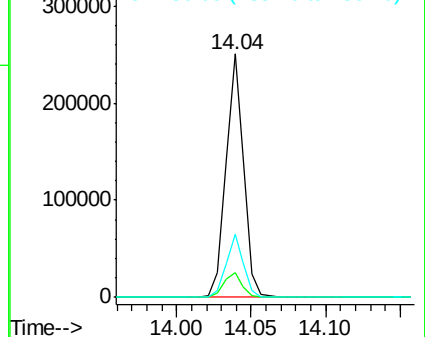
236 25.7 20.7 31.1



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: 43.75 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100703.D

Acq: 18 Nov 2017 4:38

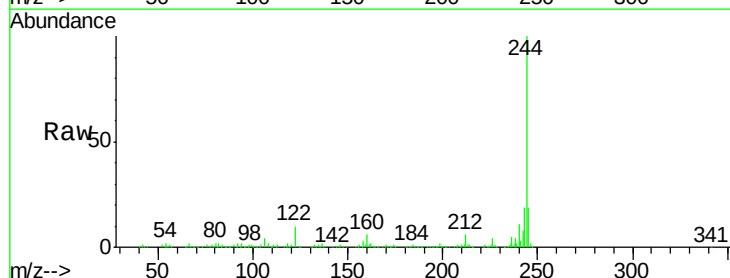
Tgt Ion:244 Resp: 403929

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

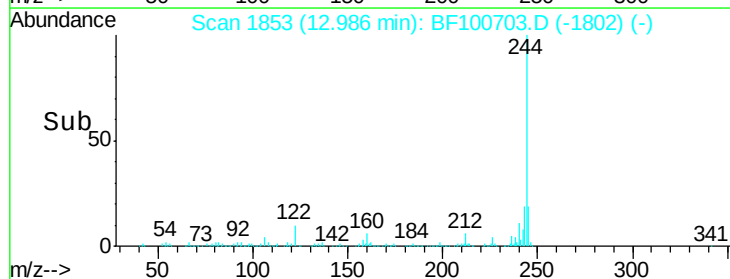
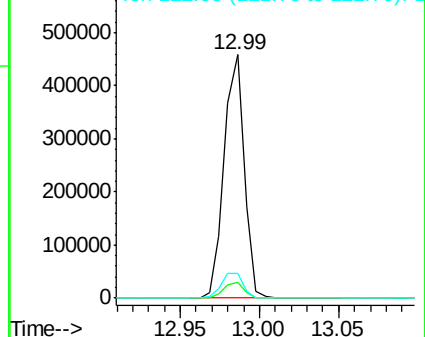
122 10.3 11.0 16.4#

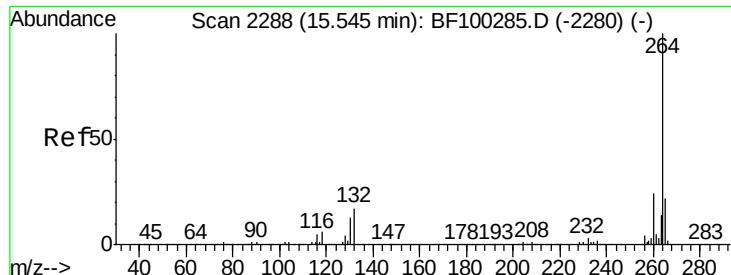


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

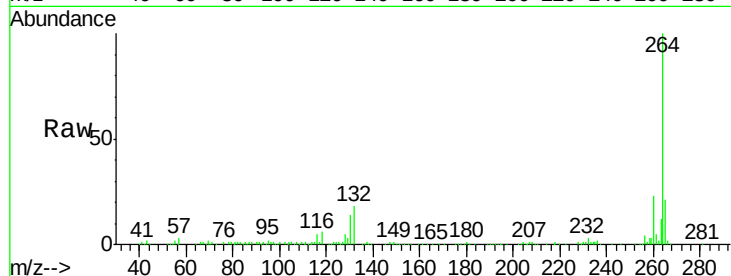




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100703.D
Acq: 18 Nov 2017 4:38

Instrument :
BNA_F
ClientSampleId :
HL-15A

Tgt Ion:	264	Resp:	182914
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

