

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081940.D
 Acq On : 1 Oct 2015 15:39
 Operator : UM/IZ
 Sample : G3707-03
 Misc : LOD 4 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

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Quant Time: Oct 02 15:09:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113372	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	463035	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	222169	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	454871	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	446359	20.00	ng	-0.06
86) Perylene-d12	15.51	264	349482	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	617259	98.84	ng	-0.02
7) Phenol-d6	6.53	99	891351	113.42	ng	-0.03
23) Nitrobenzene-d5	7.46	82	524556	75.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	245837	109.26	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1039355	76.83	ng	-0.05
78) Terphenyl-d14	13.01	244	1103205	78.04	ng	-0.05
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	10.53	198	2375	2.56	ng	Qvalue 89

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

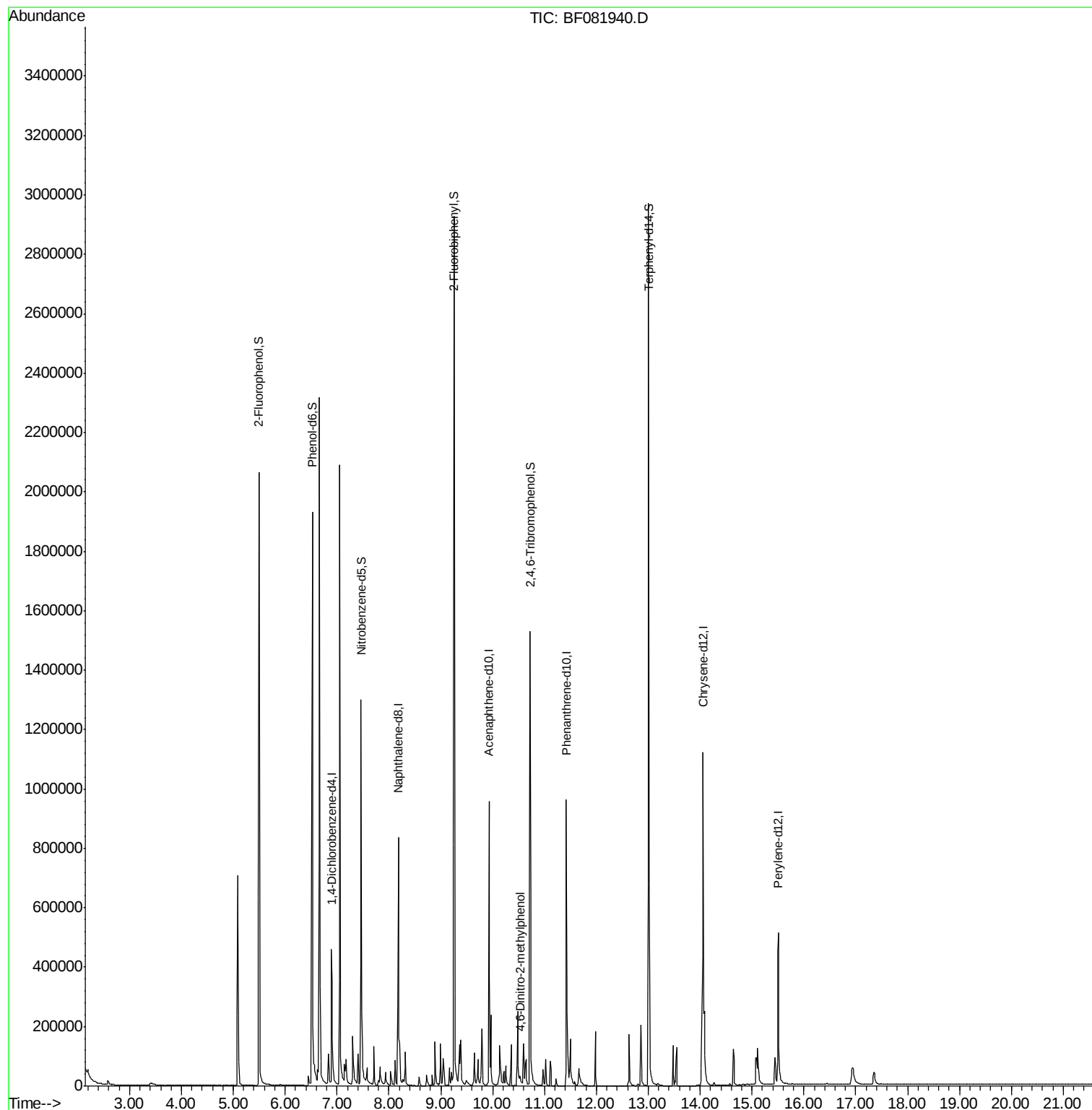
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081940.D
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Misc : LOD 4 PPM
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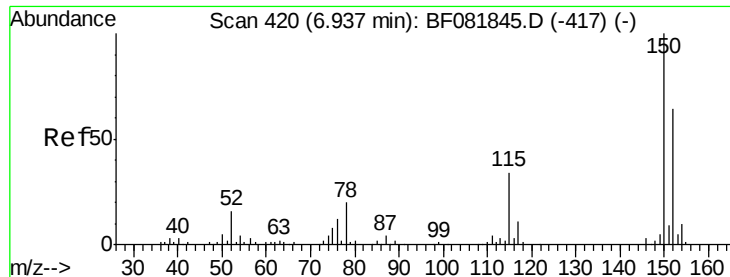
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081940.D

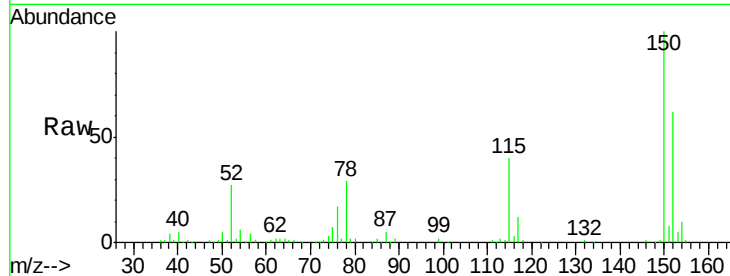
Acq: 1 Oct 2015 15:39

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ClientSampleId :

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Tgt Ion:152 Resp: 113372

Ion Ratio Lower Upper

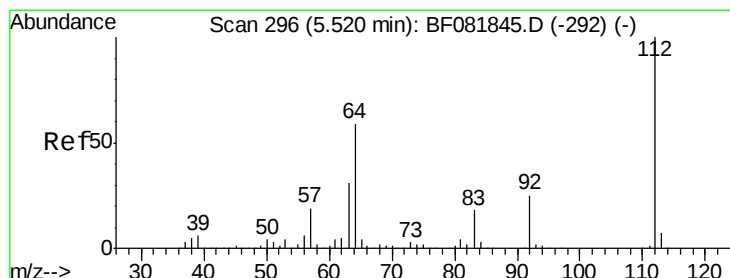
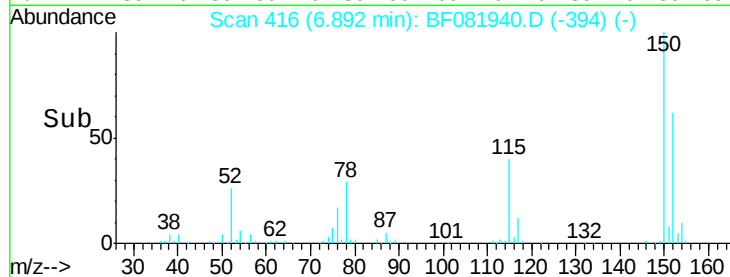
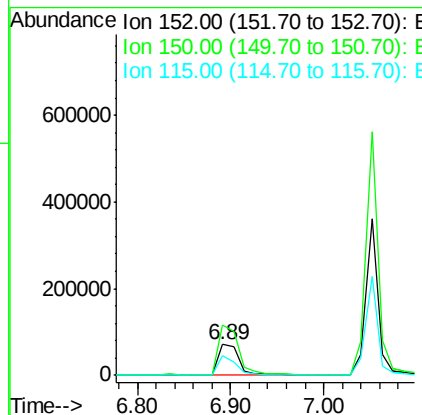
152 100

150 162.2 124.7 187.1

115 65.2 39.0 58.4#

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#5

2-Fluorophenol

Concen: 98.84 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

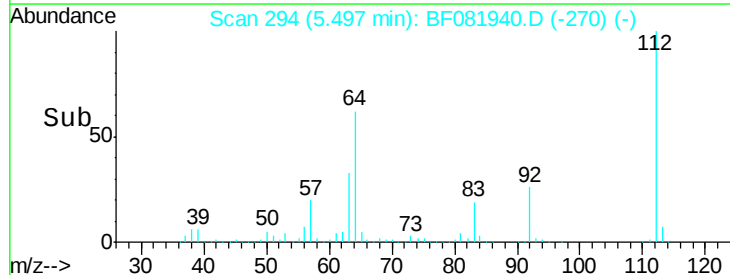
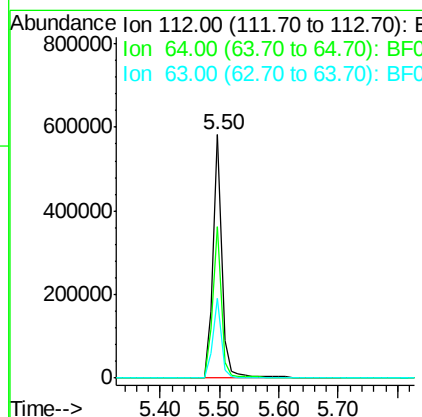
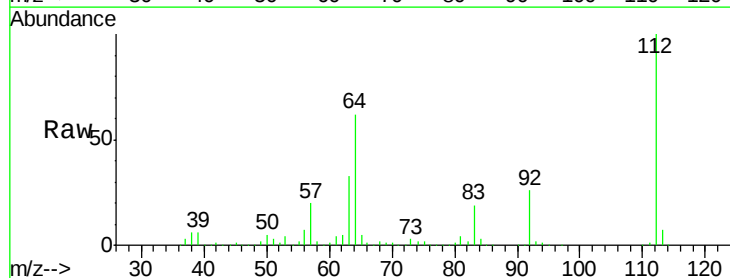
Tgt Ion:112 Resp: 617259

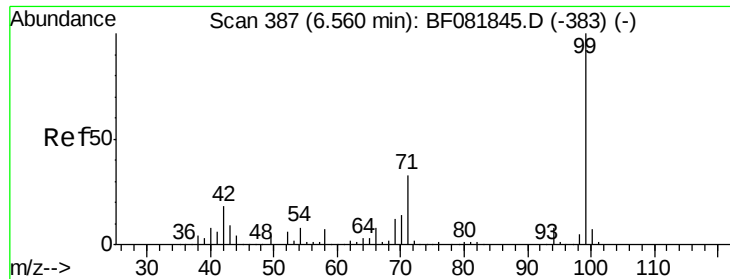
Ion Ratio Lower Upper

112 100

64 62.1 39.7 59.5#

63 32.7 17.4 26.0#





#7

Phenol-d6

Concen: 113.42 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

Instrument :

BNA_F

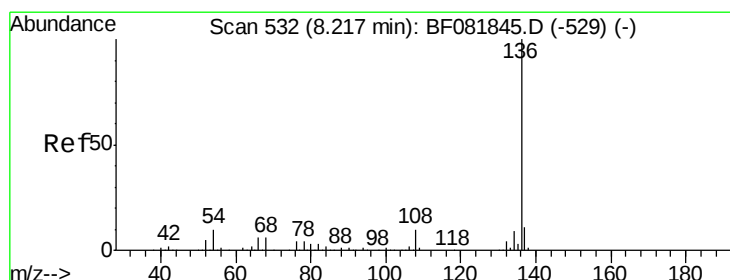
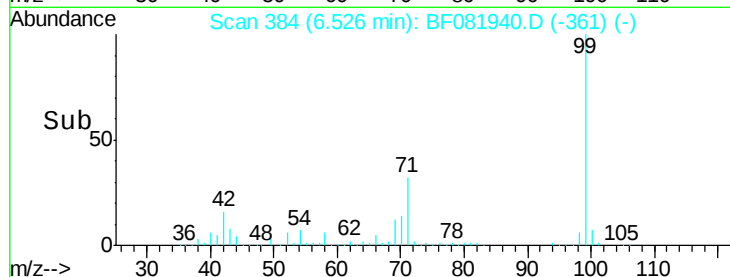
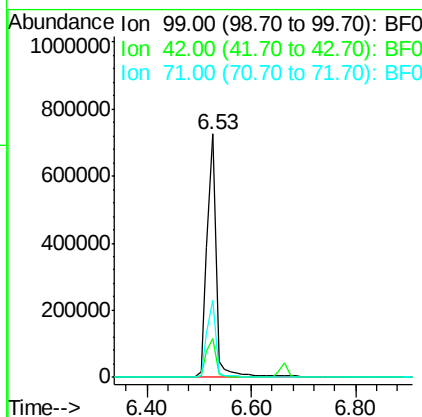
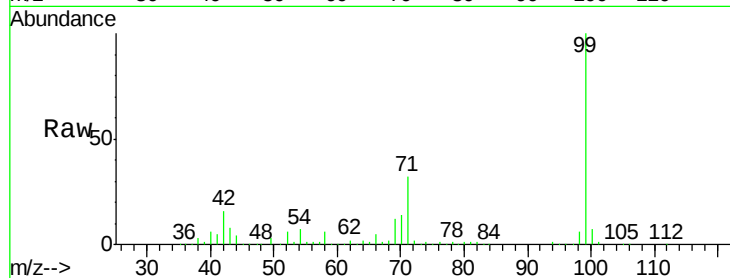
ClientSampleId :

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Tgt Ion:	99	Resp:	891351
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.7	20.5
71	31.8	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

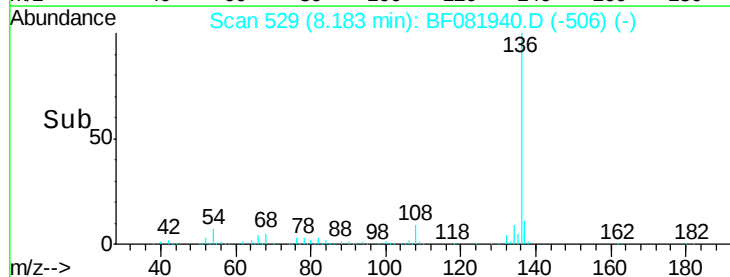
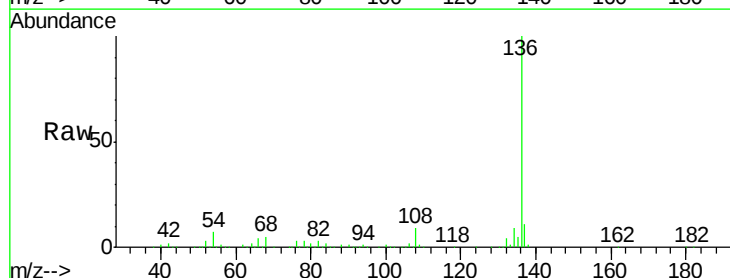
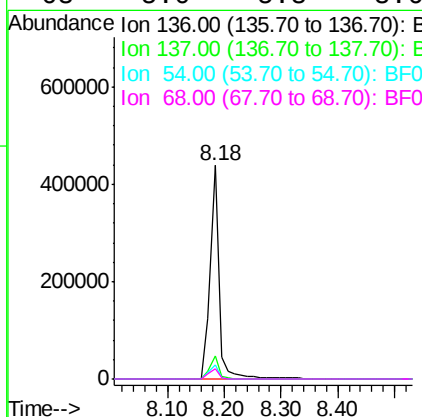
RT: 8.18 min Scan# 529

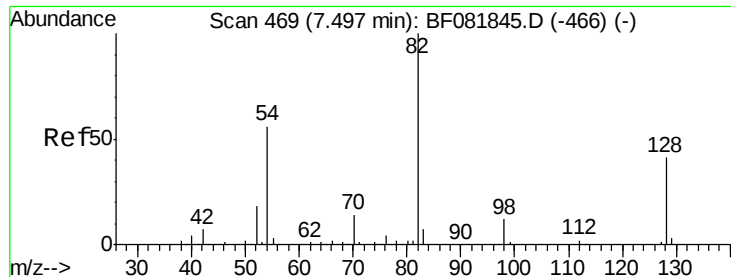
Delta R.T. -0.03 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

Tgt Ion:	136	Resp:	463035
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	6.7	8.2	12.2#
68	5.0	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 75.52 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF081940.D

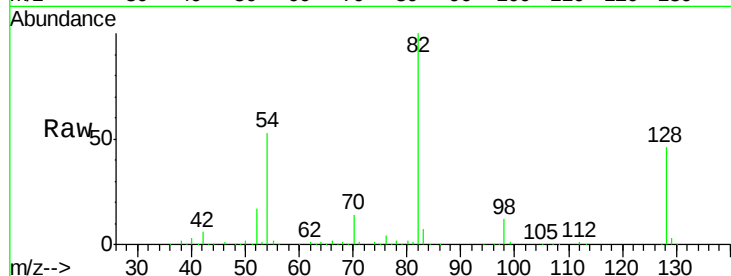
Acq: 1 Oct 2015 15:39

Instrument :

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ClientSampleId :

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Tgt Ion: 82 Resp: 524556

Ion Ratio Lower Upper

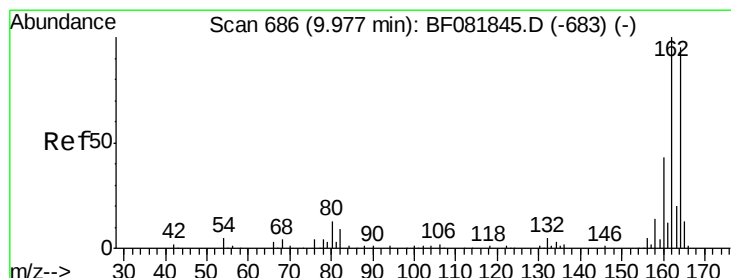
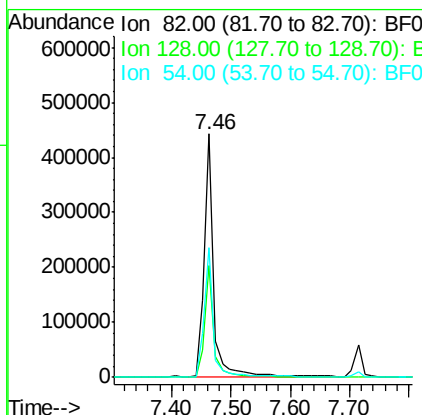
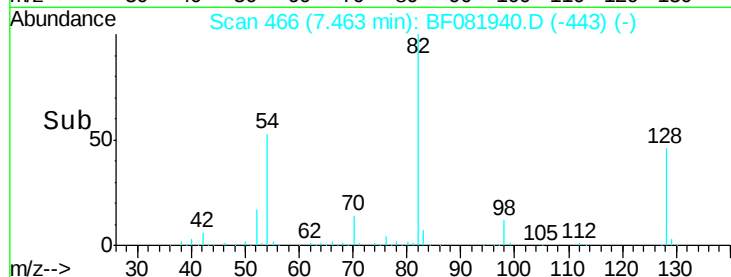
82 100

128 45.9 51.0 76.6#

54 53.2 47.5 71.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

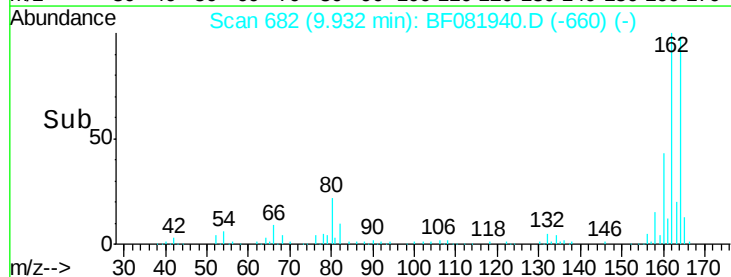
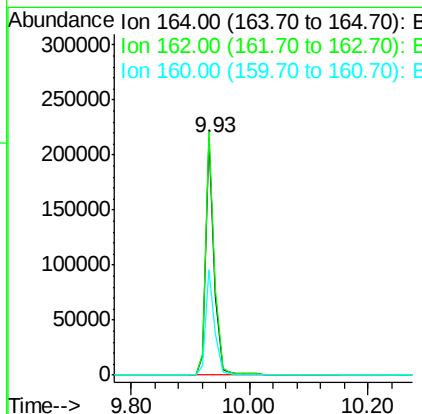
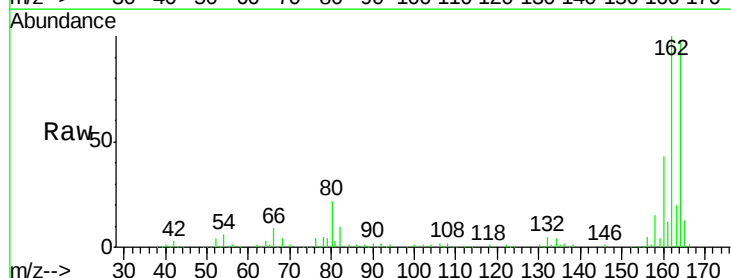
Tgt Ion: 164 Resp: 222169

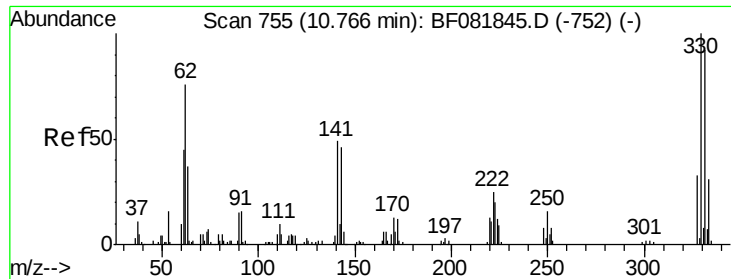
Ion Ratio Lower Upper

164 100

162 102.4 75.2 112.8

160 44.4 31.5 47.3





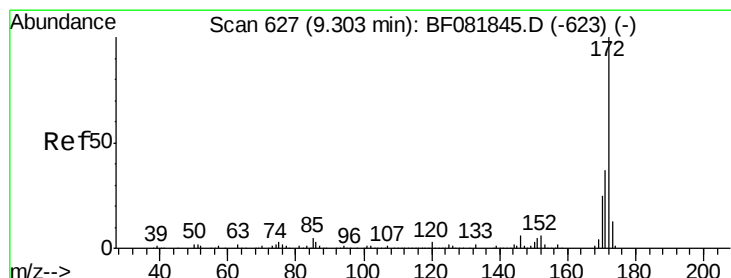
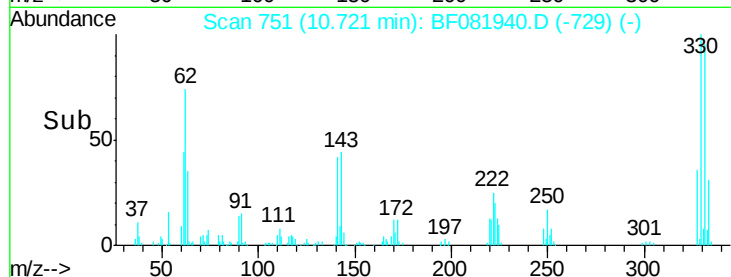
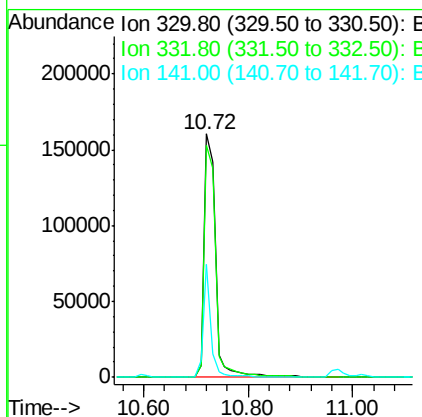
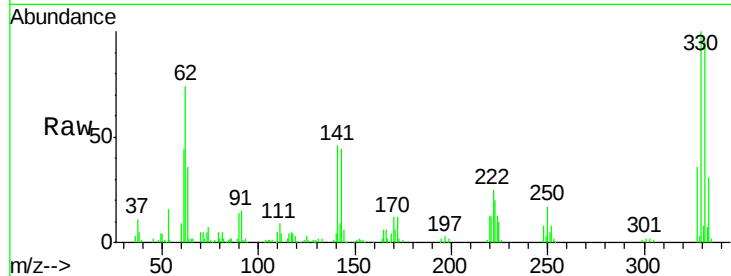
#41
 2,4,6-Tribromophenol
 Concen: 109.26 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081940.D
 Acq: 1 Oct 2015 15:39

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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245837		
332	95.9	76.6	114.8	
141	32.1	29.7	44.5	

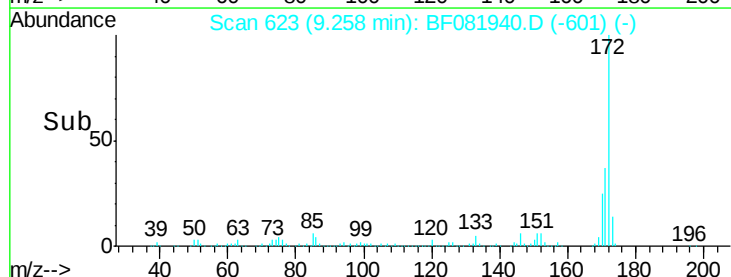
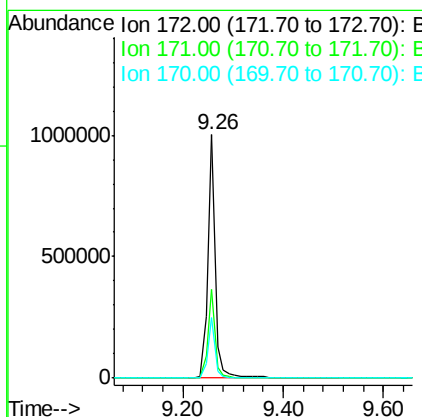
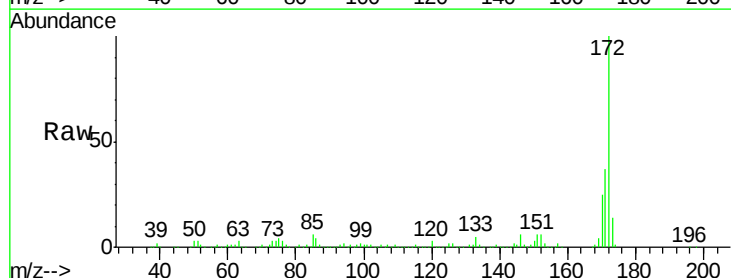
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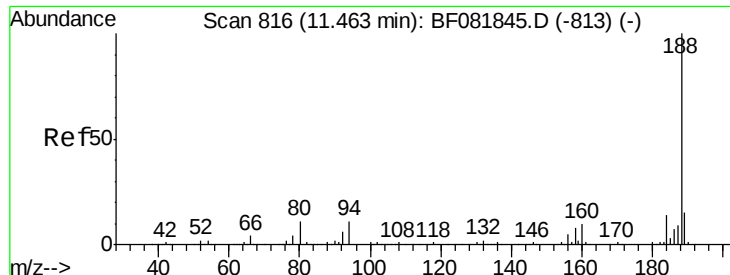
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#44
 2-Fluorobiphenyl
 Concen: 76.83 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081940.D
 Acq: 1 Oct 2015 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1039355		
171	36.6	26.1	39.1	
170	24.9	17.4	26.2	





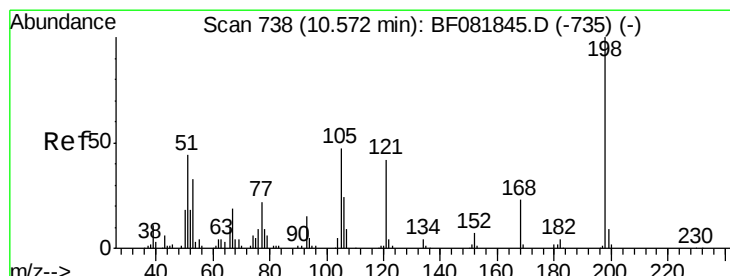
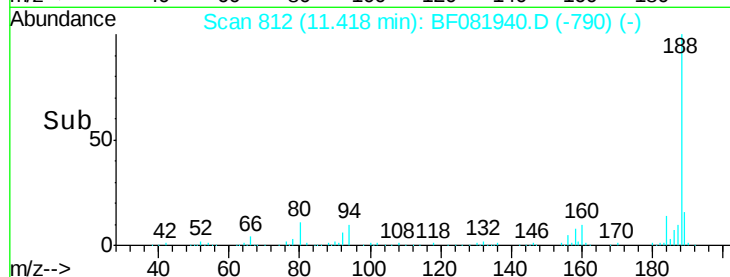
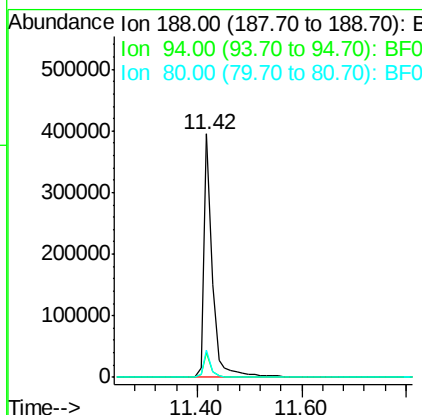
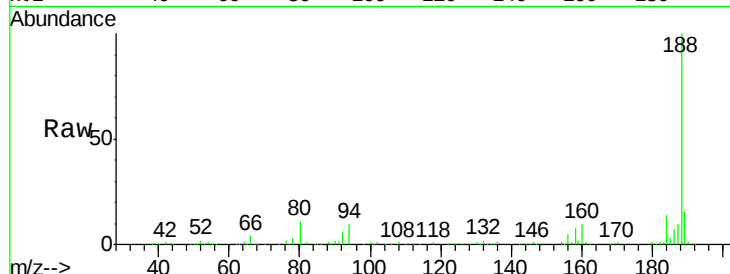
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081940.D
 Acq: 1 Oct 2015 15:39

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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	454871		
94	10.0	11.1	16.7#	
80	11.1	11.0	16.4	

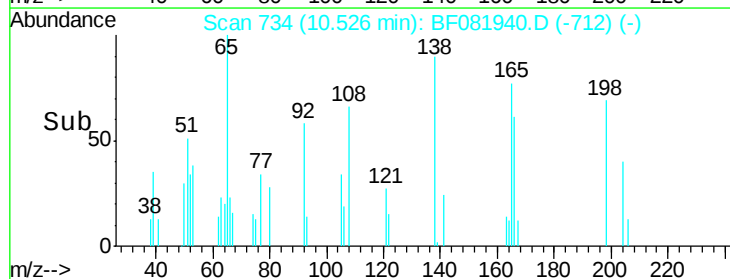
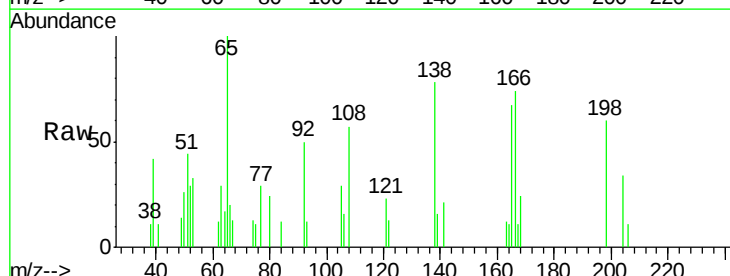
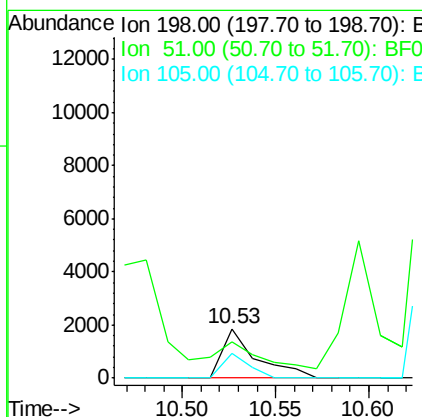
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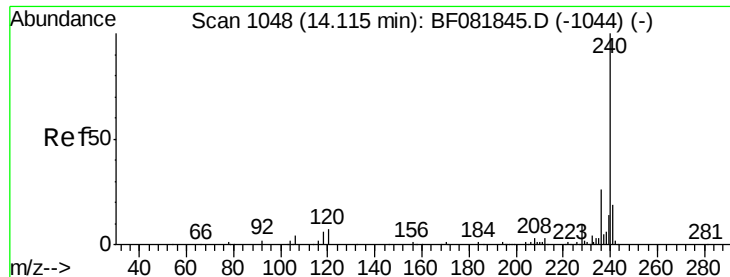
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.56 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.04 min
 Lab File: BF081940.D
 Acq: 1 Oct 2015 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2375		
51	73.7	39.6	79.6	
105	49.2	28.5	68.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

Instrument :

BNA_F

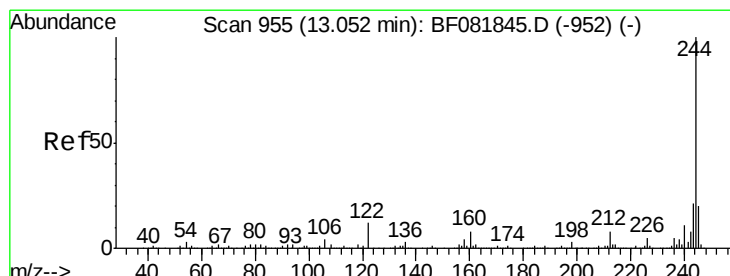
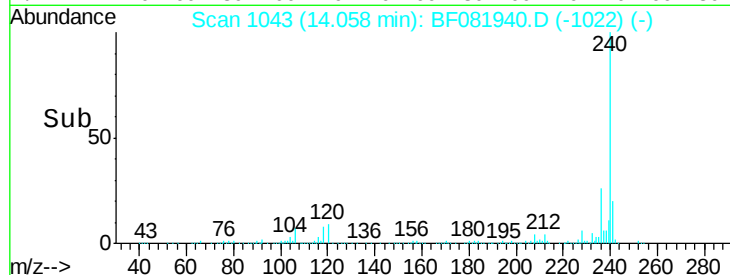
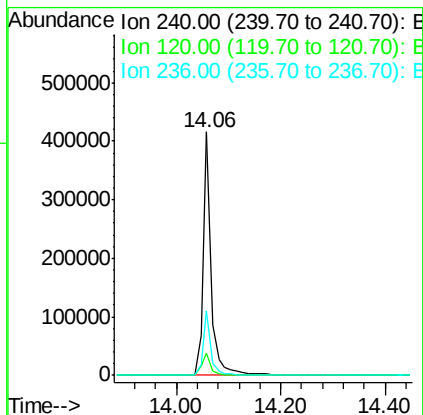
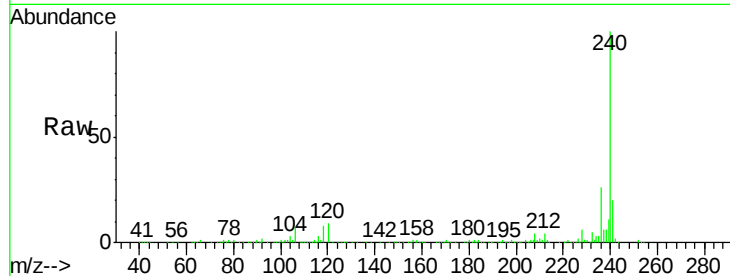
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Tgt Ion:	240	Resp:	446359
Ion Ratio	Lower	Upper	
240	100		
120	9.3	16.2	24.2#
236	26.5	18.4	27.6

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#78

Terphenyl-d14

Concen: 78.04 ng

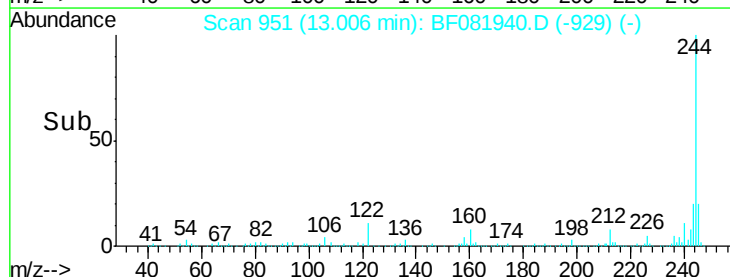
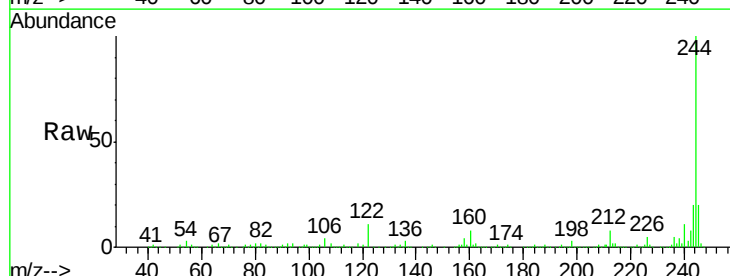
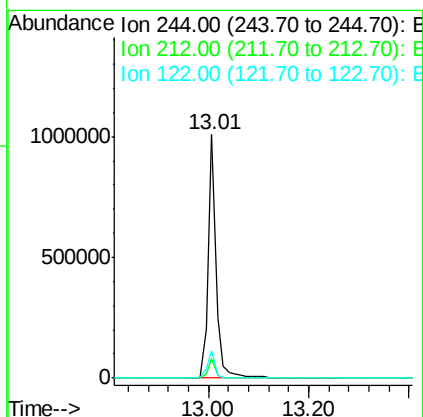
RT: 13.01 min Scan# 951

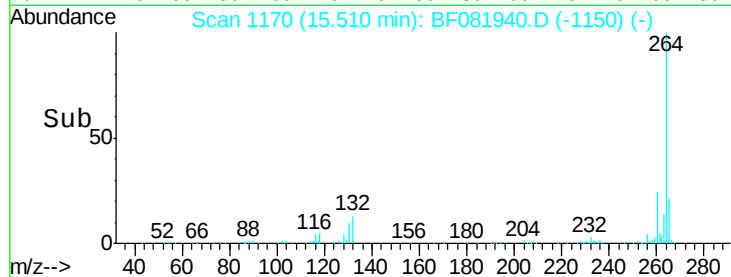
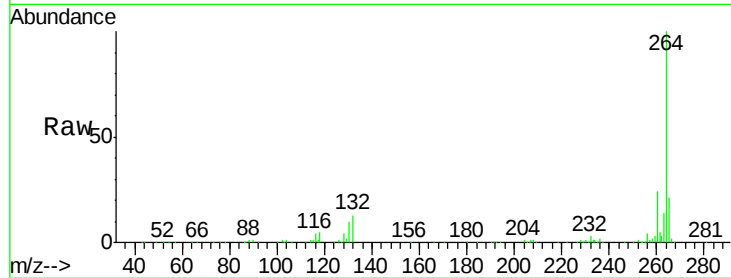
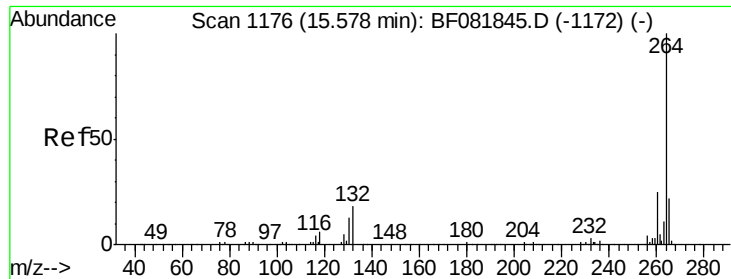
Delta R.T. -0.05 min

Lab File: BF081940.D

Acq: 1 Oct 2015 15:39

Tgt Ion:	244	Resp:	1103205
Ion Ratio	Lower	Upper	
244	100		
212	7.8	4.3	6.5#
122	11.2	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081940.D
Acq: 1 Oct 2015 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	349482		
260	23.5		16.7	25.1
265	20.6		17.2	25.8

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

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