

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091576.D
 Acq On : 14 Dec 2016 3:20
 Operator : UM/SJ
 Sample : H5957-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-1767-A-COMP

Manual Integrations
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Quant Time: Dec 14 04:32:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	309557m	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1271594	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	585097	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	861783	20.00	ng	0.00
75) Chrysene-d12	13.96	240	640266	20.00	ng	0.00
86) Perylene-d12	15.38	264	646613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2266768	123.37	ng	0.02
7) Phenol-d6	6.45	99	2395344	104.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	1907385	83.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	562669	115.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2911742	85.99	ng	-0.01
78) Terphenyl-d14	12.92	244	2327743	82.50	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	175532	2.97	ng	Qvalue 96

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

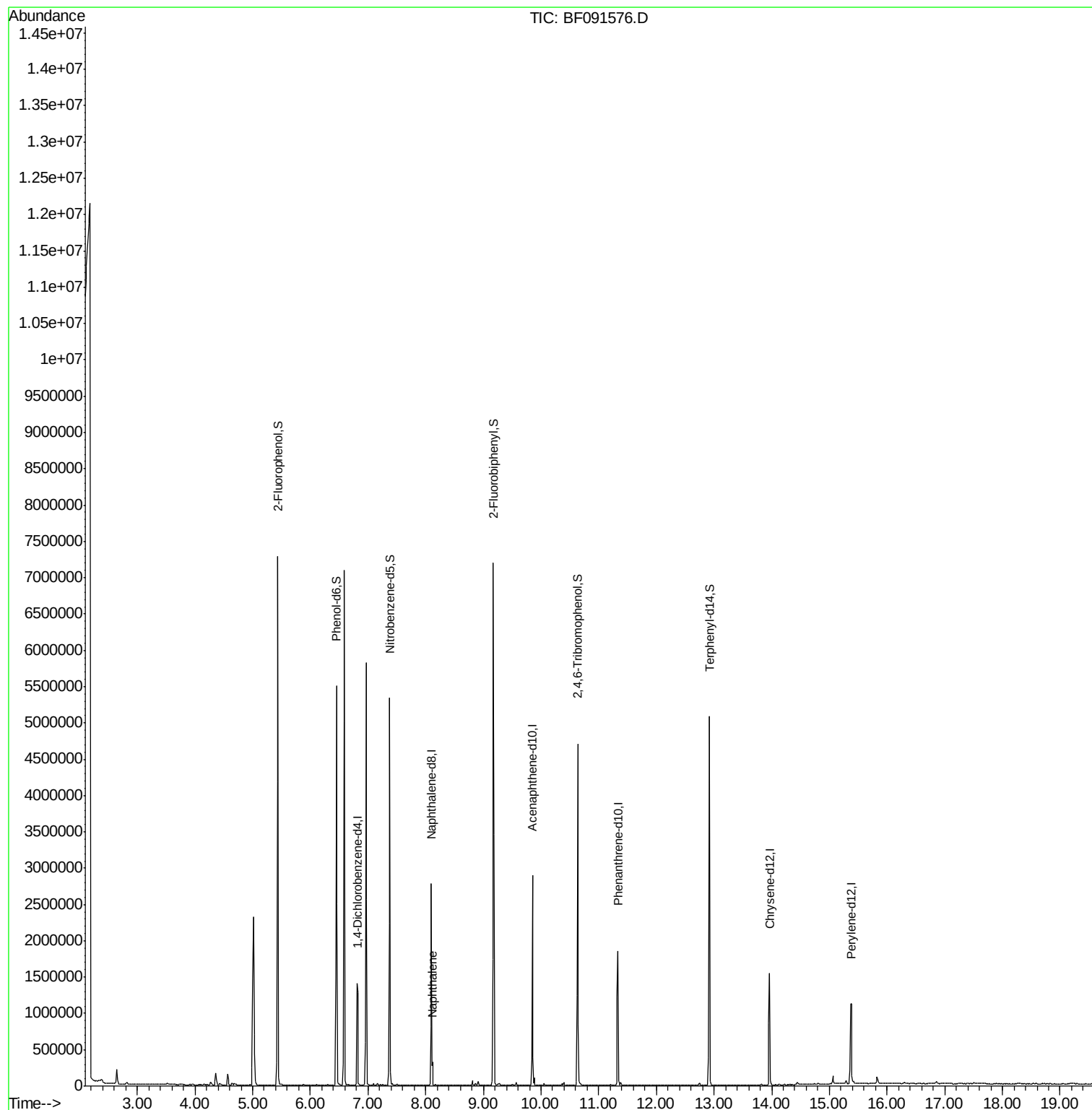
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091576.D
Acq On : 14 Dec 2016 3:20
Operator : UM/SJ
Sample : H5957-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

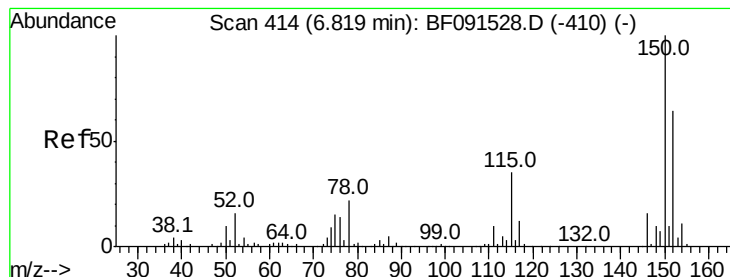
Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

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Quant Time: Dec 14 04:32:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/ml

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

Tot Ion:152 Resp: 309557
Ion Ratio Lower Upper

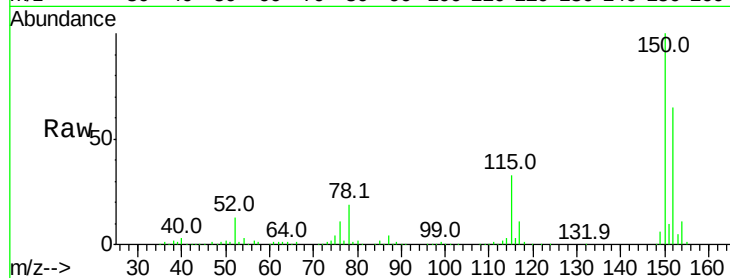
152 100

150 152.9 122.5 183.7

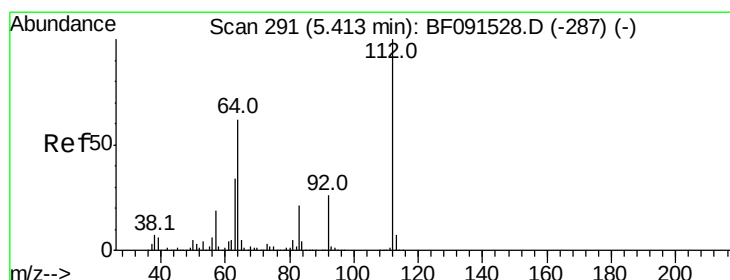
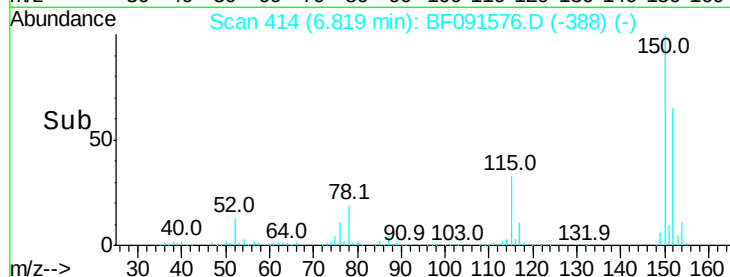
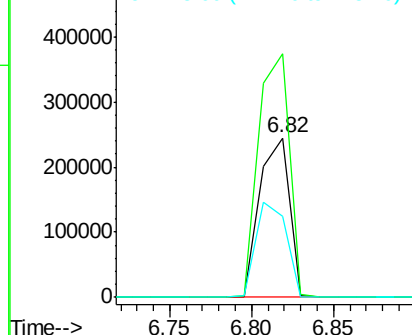
115 51.1 51.8 77.8#

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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: 123.37 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091576.D

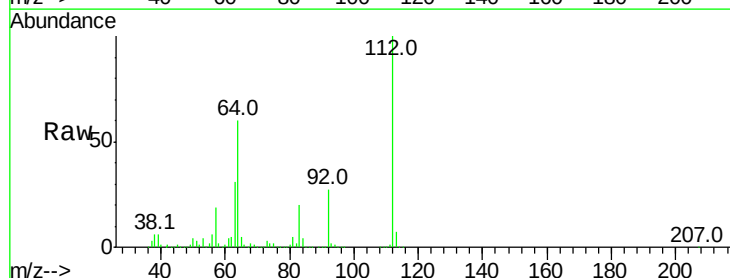
Acq: 14 Dec 2016 3:20

Tgt Ion:112 Resp: 2266768
Ion Ratio Lower Upper

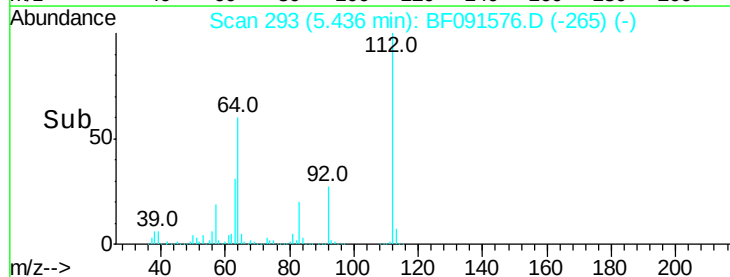
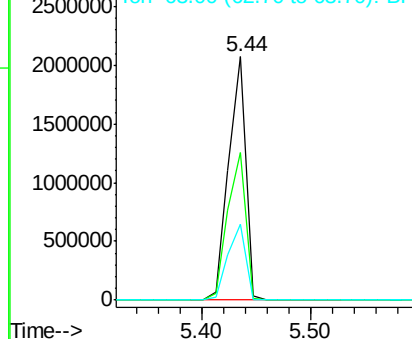
112 100

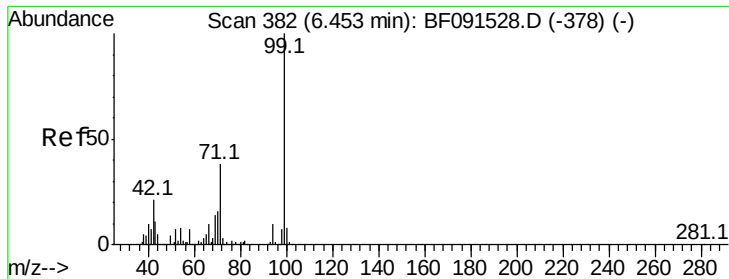
64 60.4 61.5 92.3#

63 31.3 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.57 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

ClientSampleId :

CH-1767-A-COMP

Tot Ion: 99 Resp: 2395344

Ion Ratio Lower Upper

99 100

42 20.3 20.6 31.0#

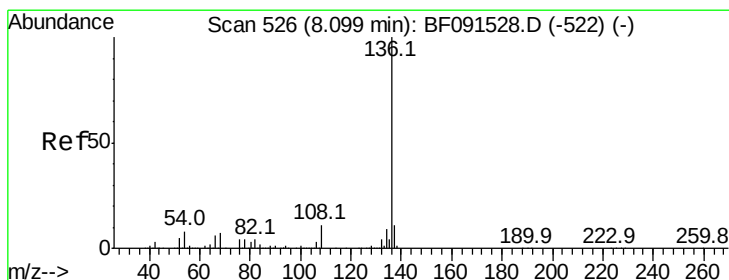
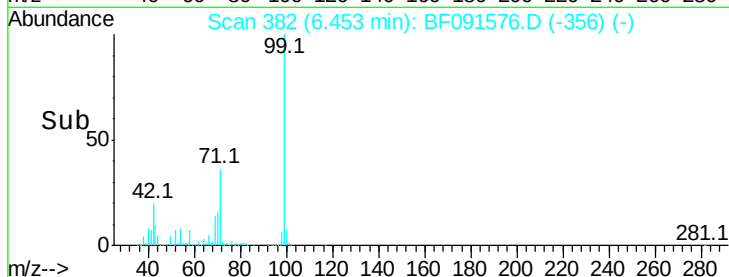
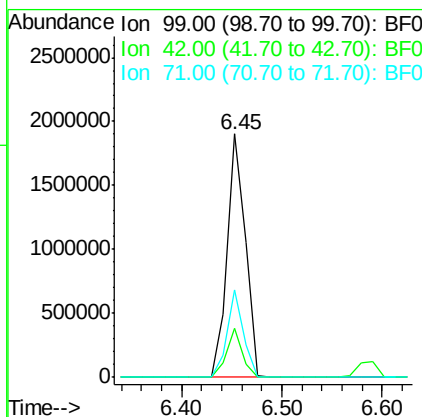
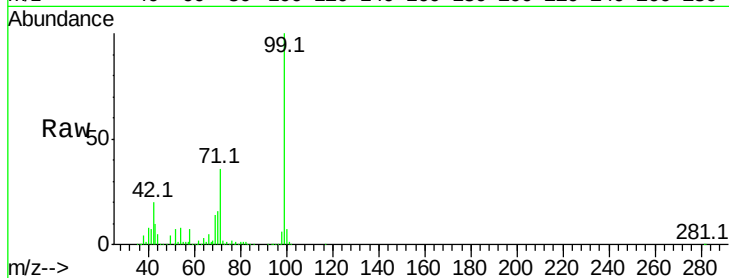
71 35.8 29.9 44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Tgt Ion: 136 Resp: 1271594

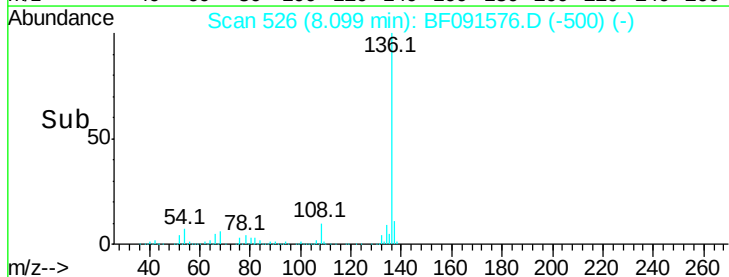
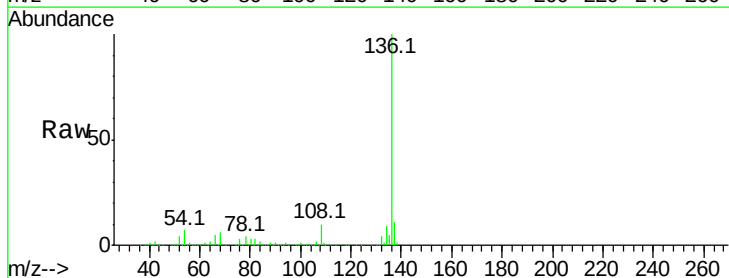
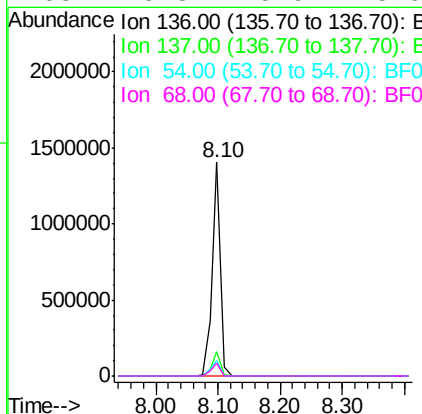
Ion Ratio Lower Upper

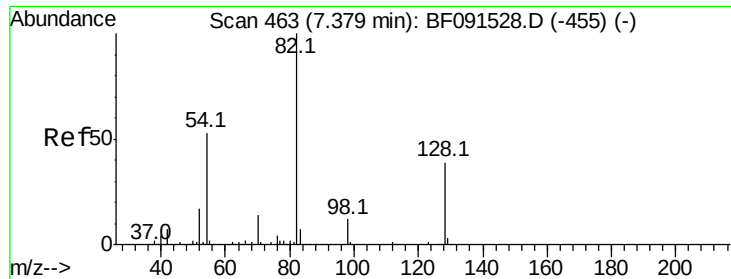
136 100

137 11.3 9.1 13.7

54 7.3 9.1 13.7#

68 5.8 5.9 8.9#





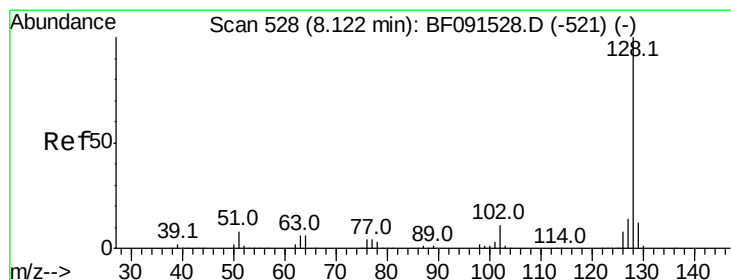
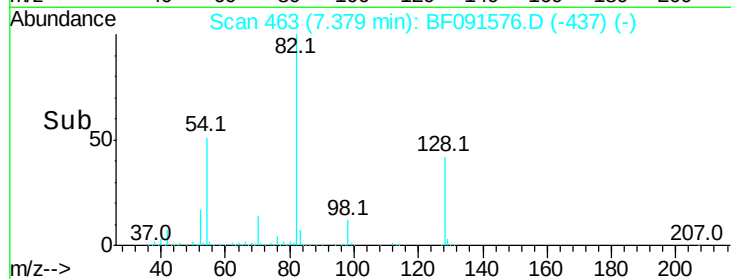
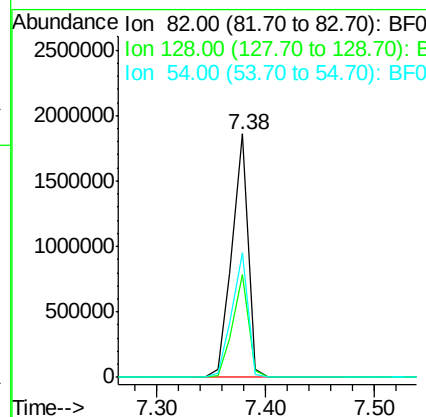
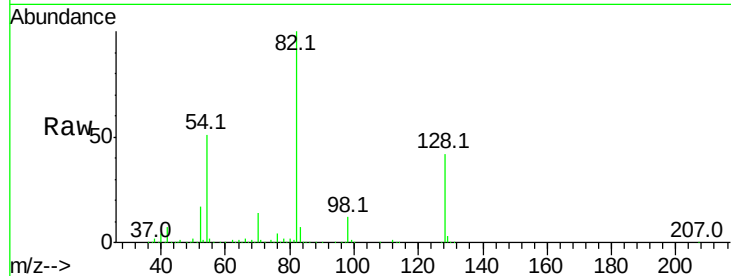
#23
 Nitrobenzene-d5
 Concen: 83.72 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 CH-1767-A-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.8	47.6
54	51.2	49.1	73.7

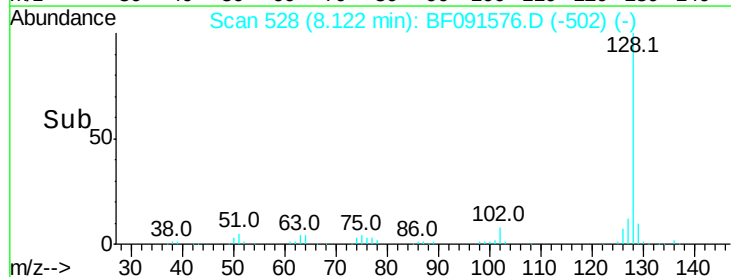
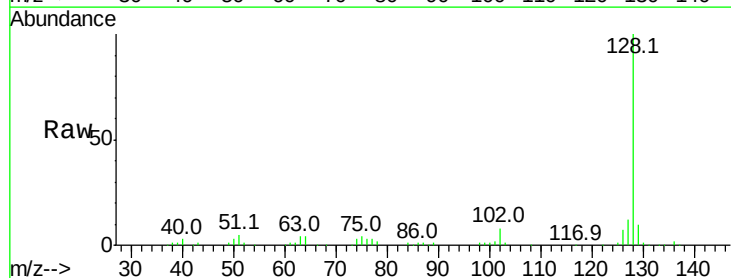
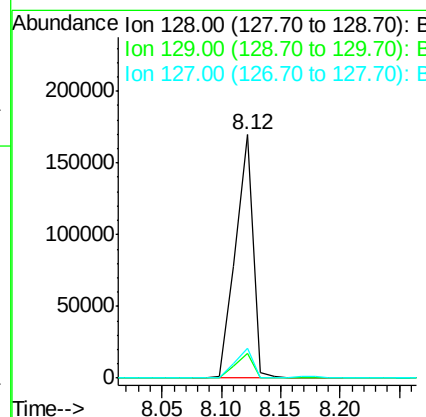
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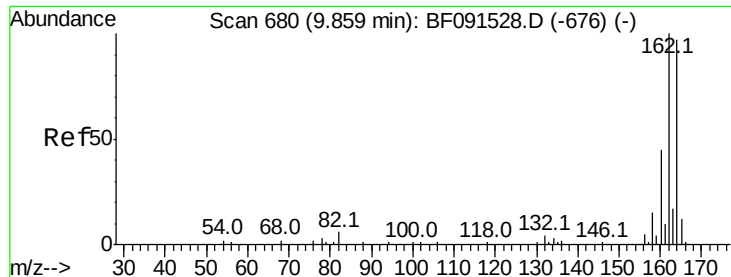
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#31
 Naphthalene
 Concen: 2.97 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF091576.D
 Acq: 14 Dec 2016 3:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.1	13.7
127	12.1	11.0	16.4





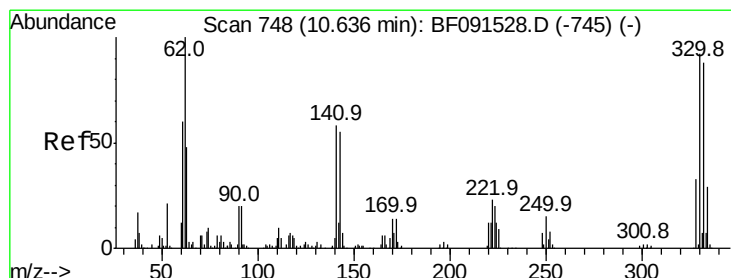
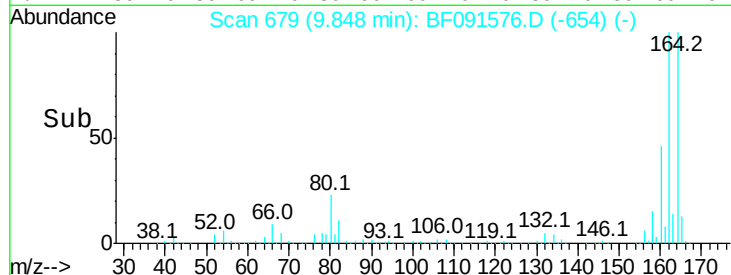
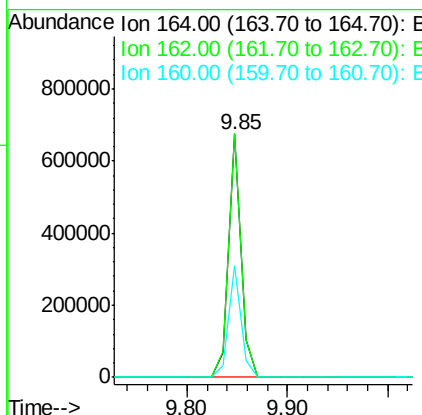
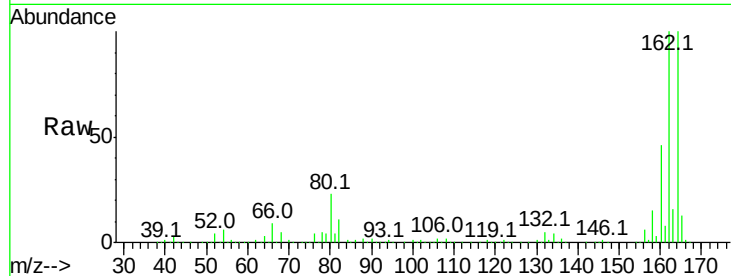
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	585097		
162	100.0	82.6	124.0	
160	45.9	36.7	55.1	

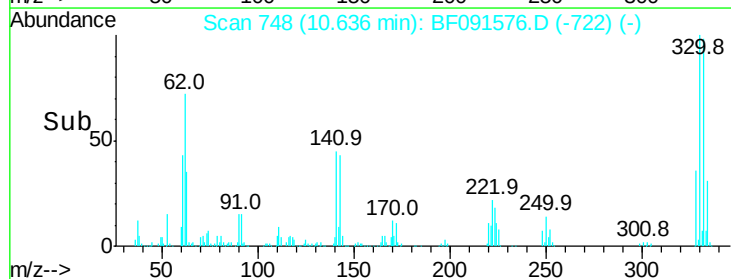
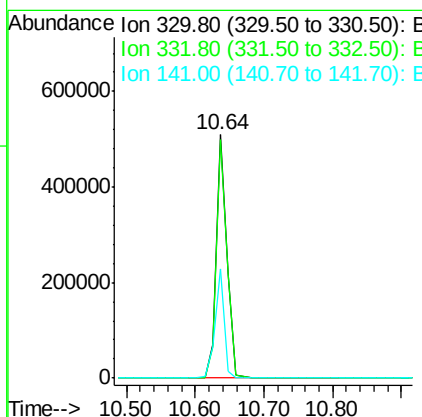
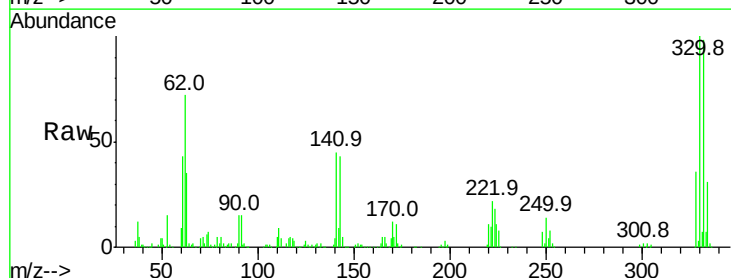
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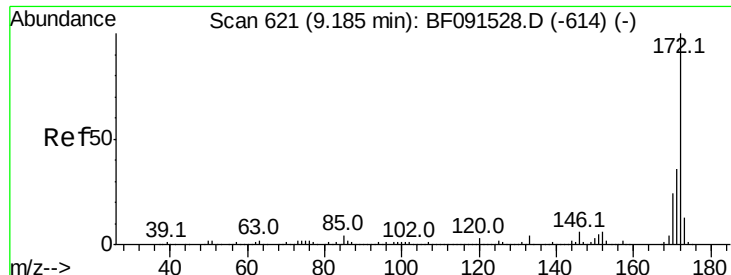
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#41
2,4,6-Tribromophenol
Concen: 115.78 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	562669		
332	97.9	76.2	114.4	
141	38.7	33.6	50.4	





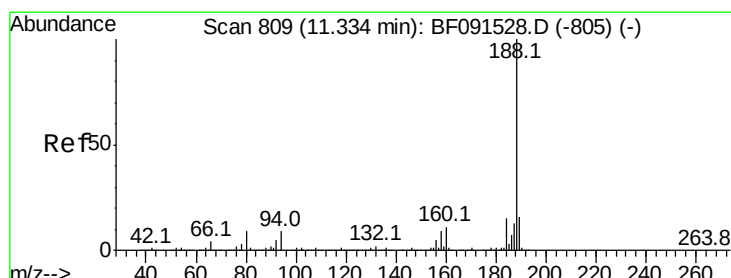
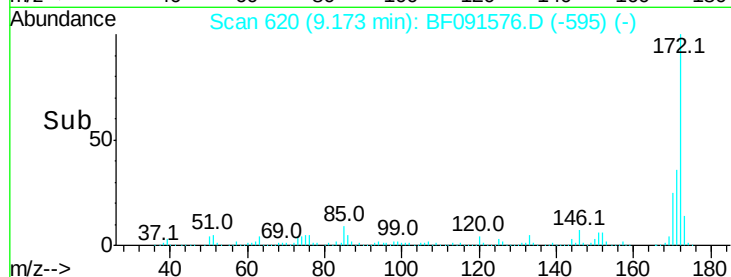
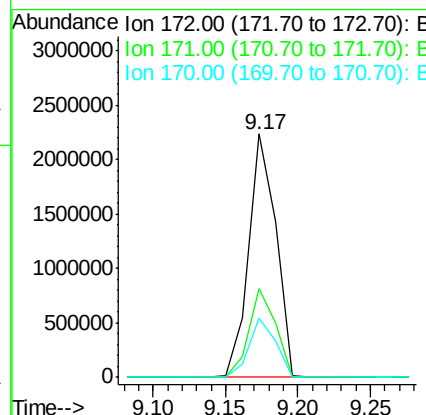
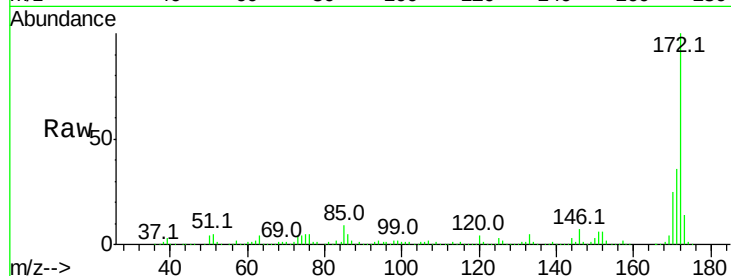
#44
2-Fluorobiphenyl
Concen: 85.99 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	19.7	29.5

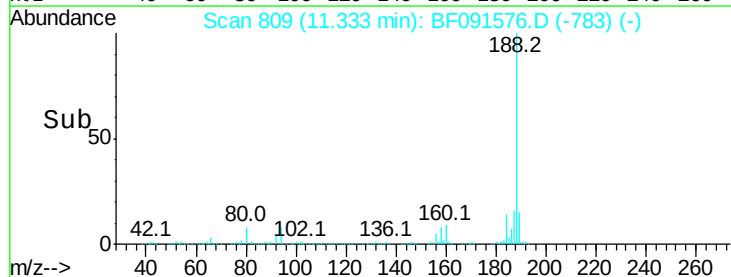
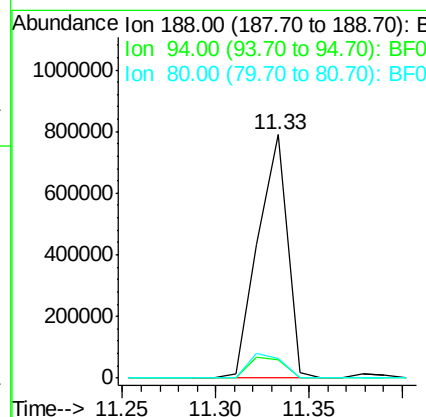
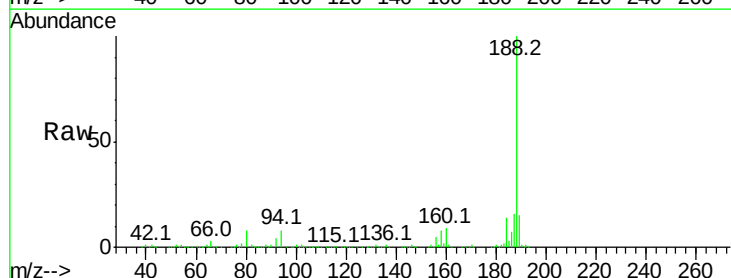
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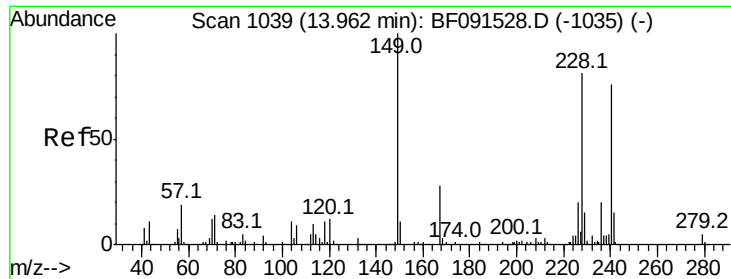
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.2	13.8#
80	7.8	10.5	15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Instrument :

BNA_F

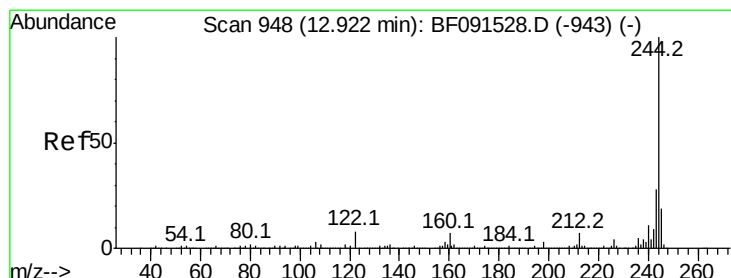
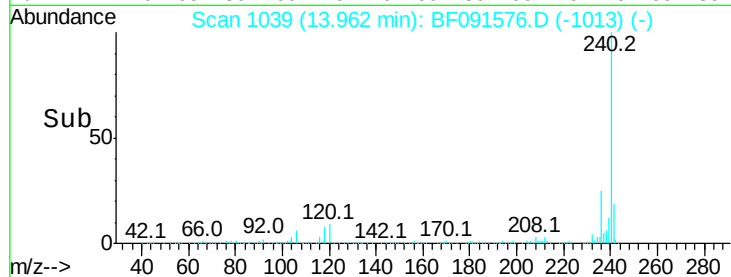
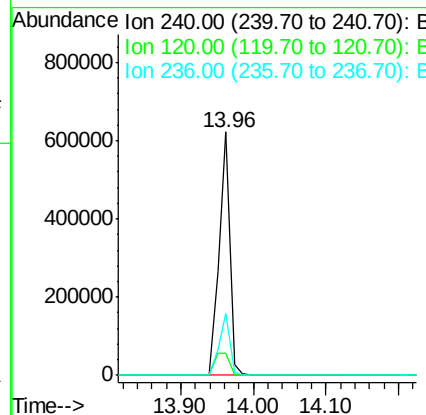
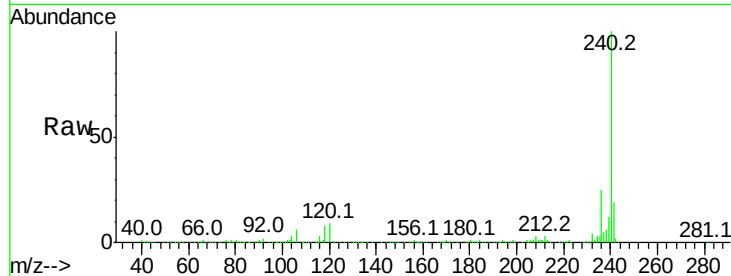
ClientSampleId :

CH-1767-A-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.1	18.1#
236	25.3	21.0	31.6

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#78

Terphenyl-d14

Concen: 82.50 ng

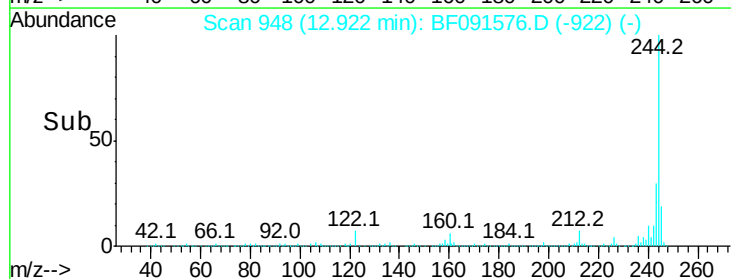
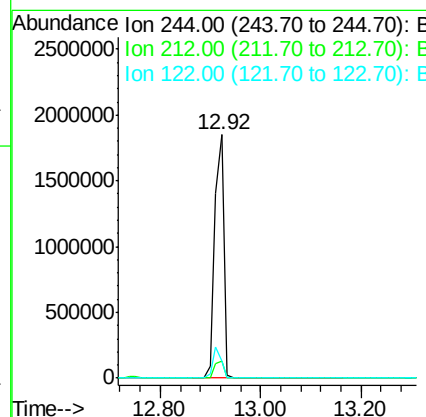
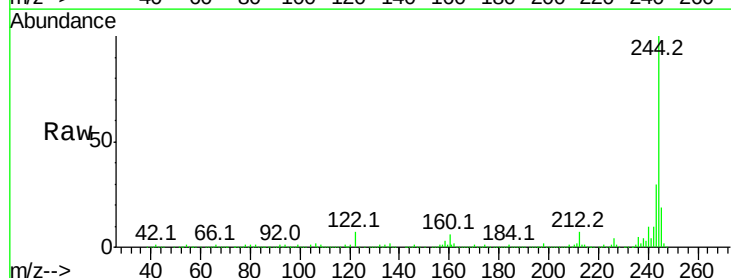
RT: 12.92 min Scan# 948

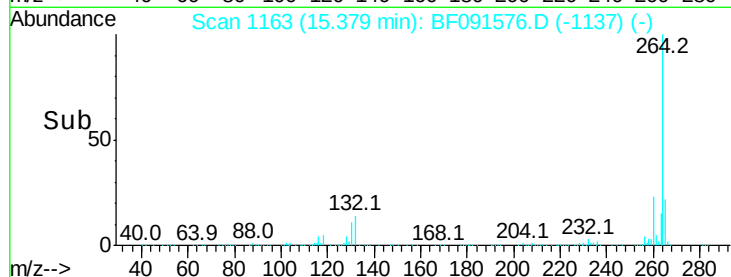
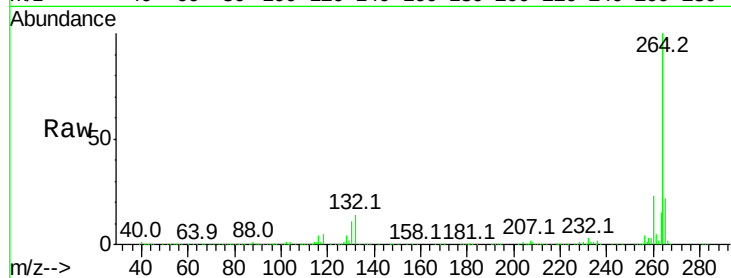
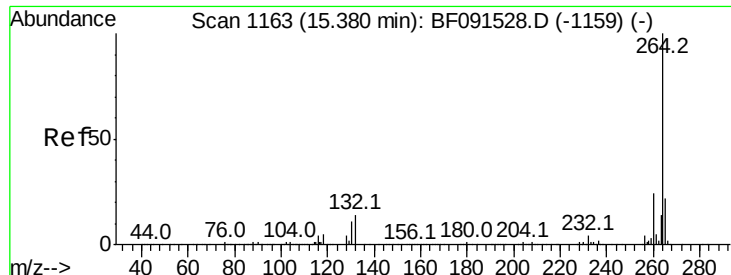
Delta R.T. -0.00 min

Lab File: BF091576.D

Acq: 14 Dec 2016 3:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	7.2	9.5	14.3#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091576.D
Acq: 14 Dec 2016 3:20

Instrument :
BNA_F
ClientSampleId :
CH-1767-A-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.6

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