

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103073.D
 Acq On : 19 Feb 2018 11:13
 Operator : SJ/JU
 Sample : J1399-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-A

Manual Integrations
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 2/20/2018 10:20:14 AM

Quant Time: Feb 19 16:18:00 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	173365	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	734183	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	336662	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	587139	20.00	ng	0.00
75) Chrysene-d12	14.05	240	439503	20.00	ng	0.00
86) Perylene-d12	15.54	264	346273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1267877	111.07	ng	0.02
7) Phenol-d6	6.52	99	1382218	100.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	1075960	101.66	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	390697	144.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1742493	85.88	ng	0.00
78) Terphenyl-d14	12.99	244	1659338	89.40	ng	0.00
Target Compounds						
32) Benzoic acid	7.89	122	4413m	9.130	ng	Qvalue

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

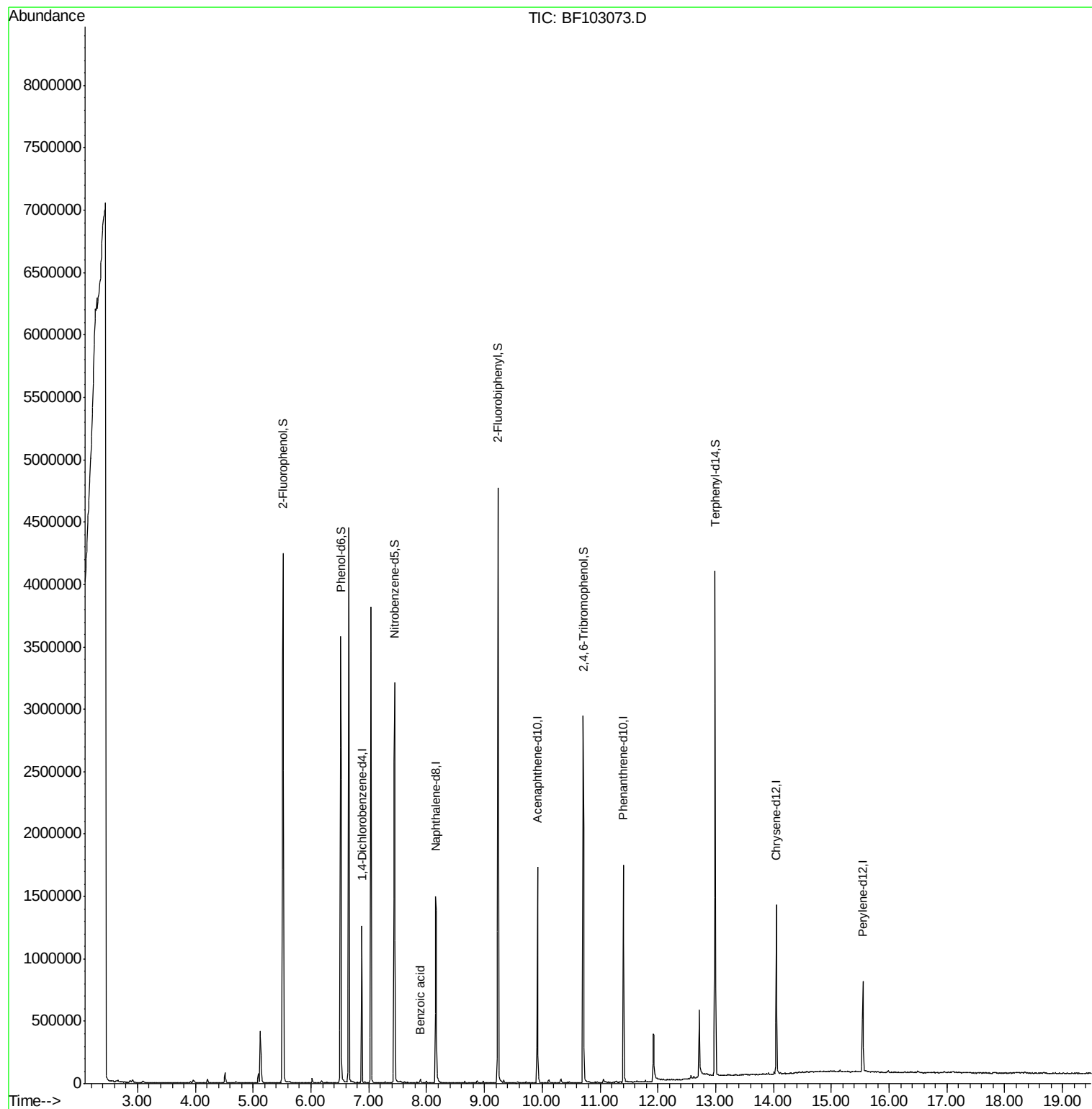
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103073.D
Acq On : 19 Feb 2018 11:13
Operator : SJ/JU
Sample : J1399-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

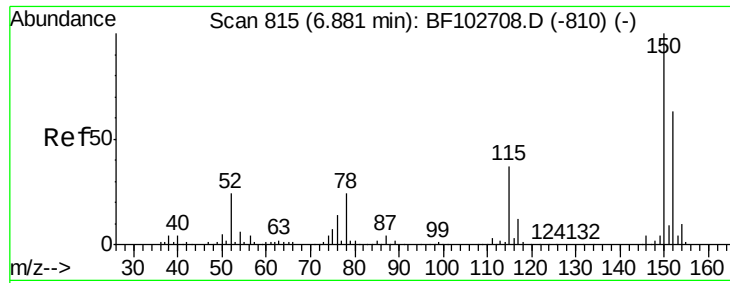
Instrument :
BNA_F
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OR-02-021518-A

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#1

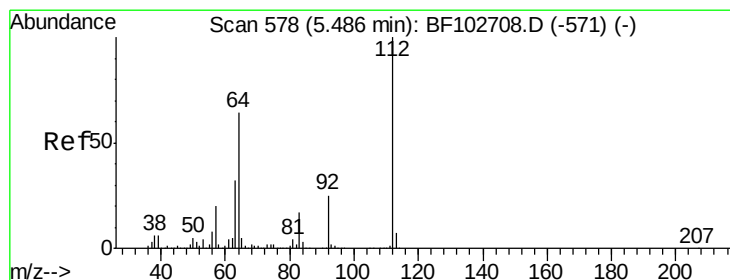
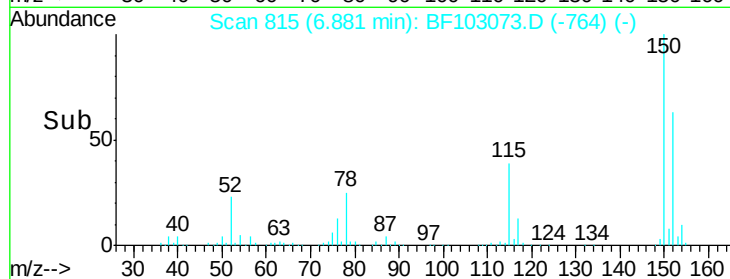
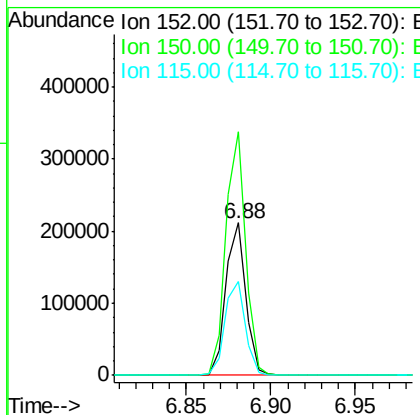
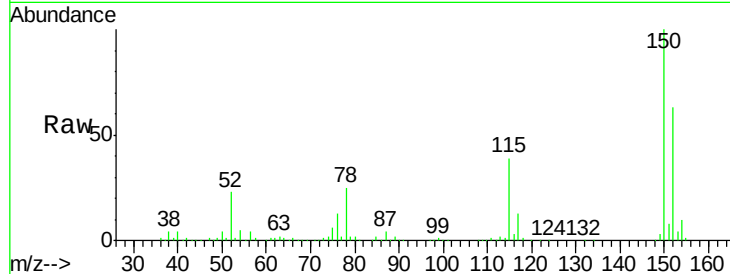
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	62.0	50.1	75.1

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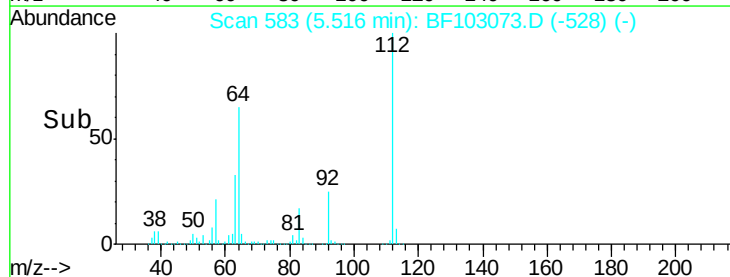
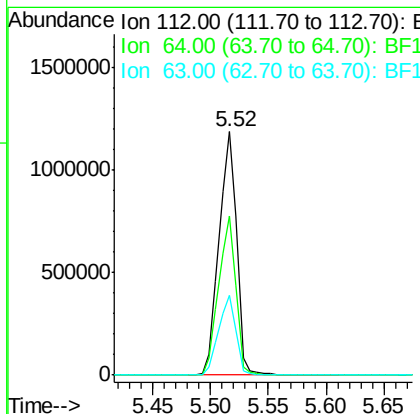
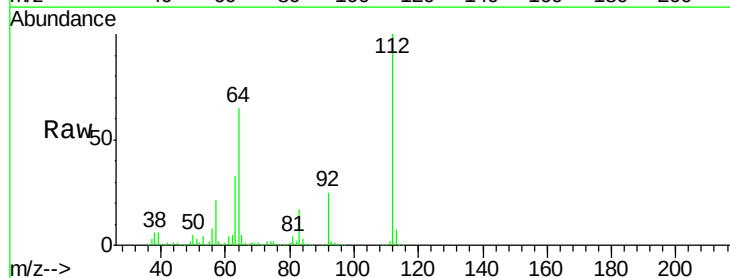
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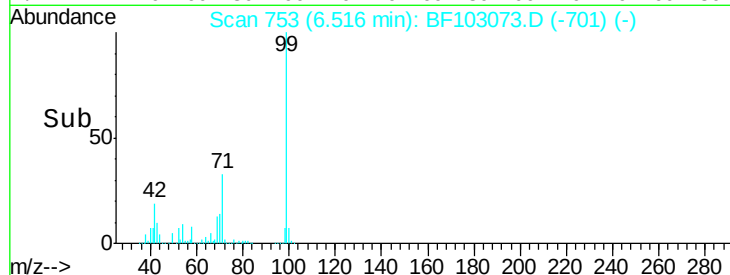
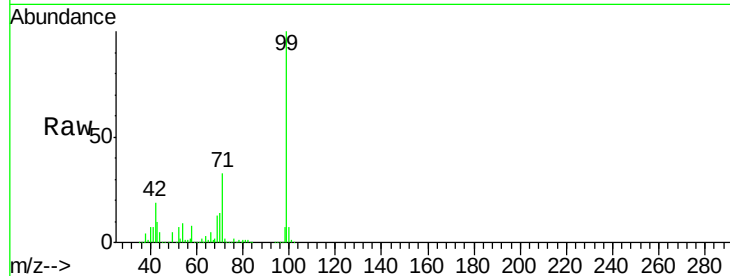
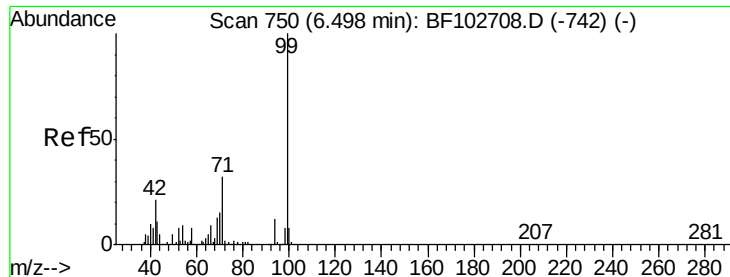


#5

2-Fluorophenol
Concen: 111.065 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.0	23.7	35.5





#7

Phenol-d6

Concen: 100.560 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103073.D

Acq: 19 Feb 2018 11:13

Tgt Ion: 99 Resp: 1382218

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.3 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

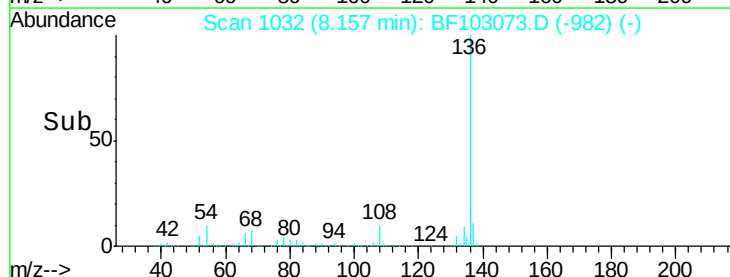
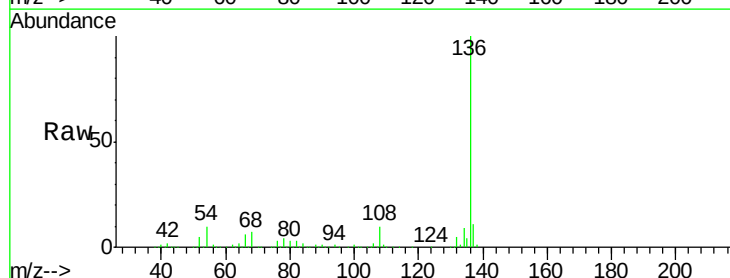
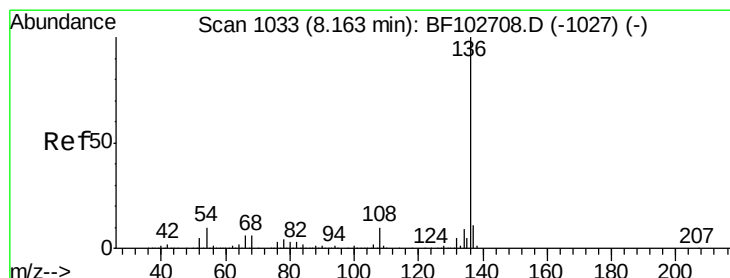
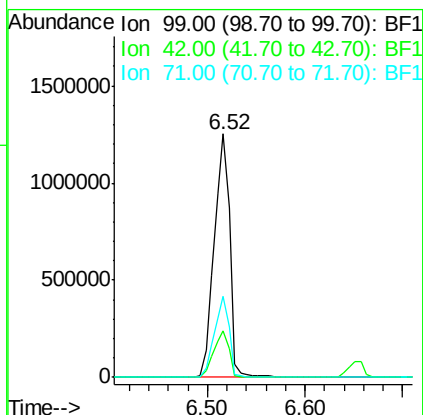
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103073.D

Acq: 19 Feb 2018 11:13

Tgt Ion: 136 Resp: 734183

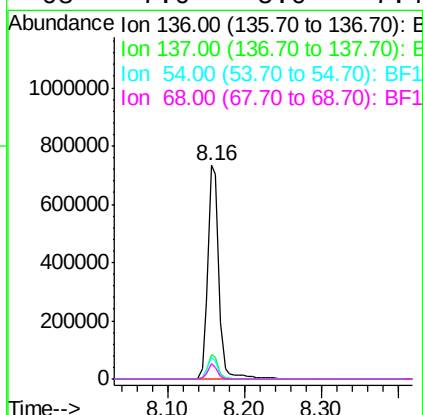
Ion Ratio Lower Upper

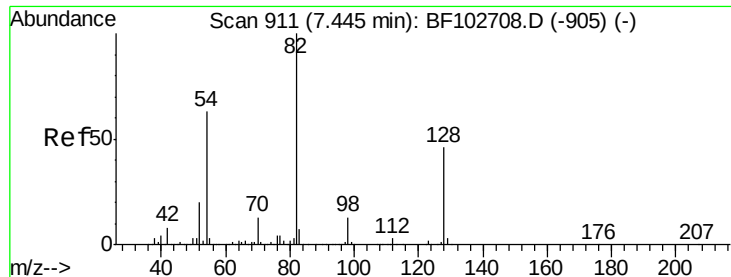
136 100

137 11.3 8.9 13.3

54 10.4 6.6 9.8#

68 7.0 5.0 7.4





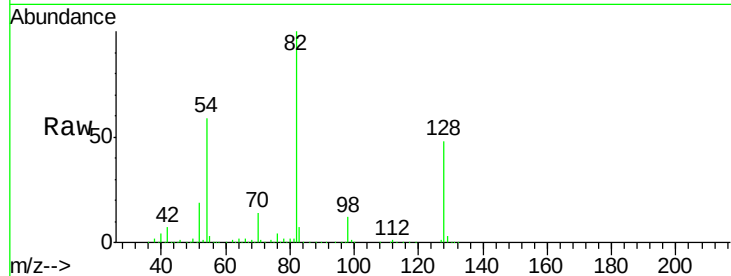
#23
 Nitrobenzene-d5
 Concen: 101.664 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103073.D
 Acq: 19 Feb 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-A

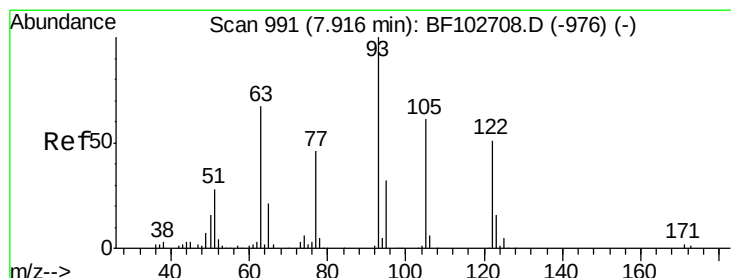
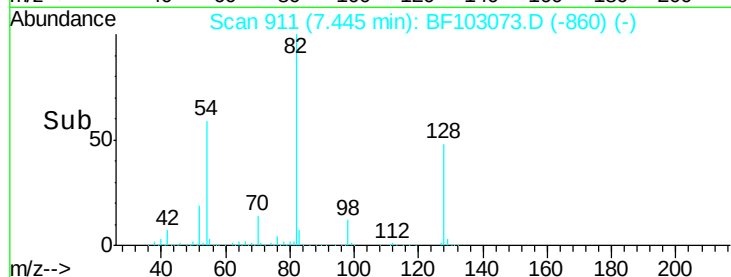
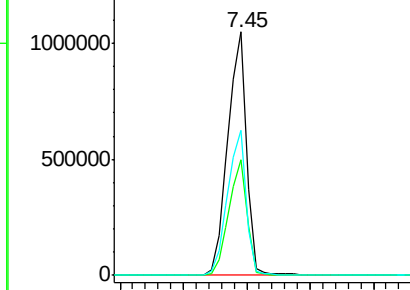
Tgt Ion: 82 Resp: 1075960
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 59.3 41.4 62.2

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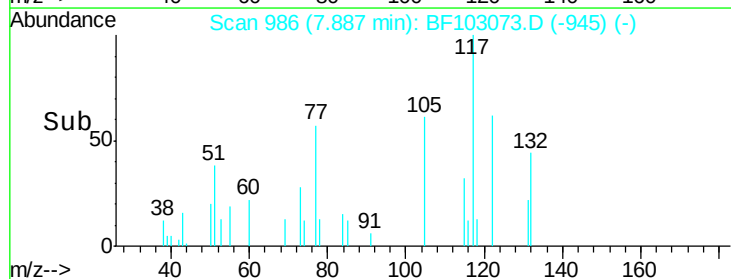
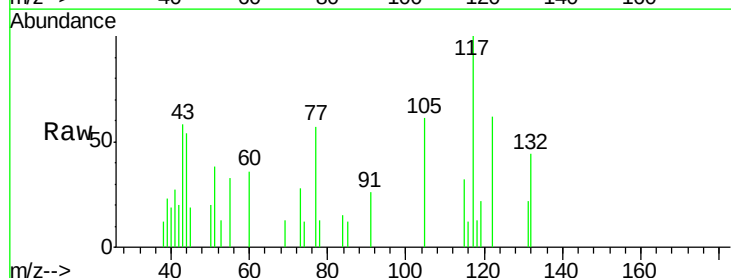
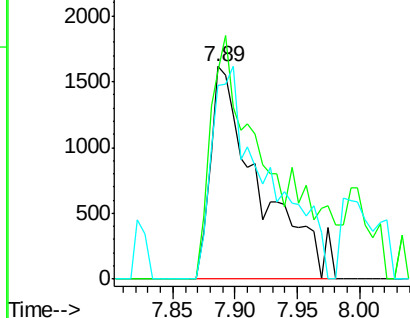
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

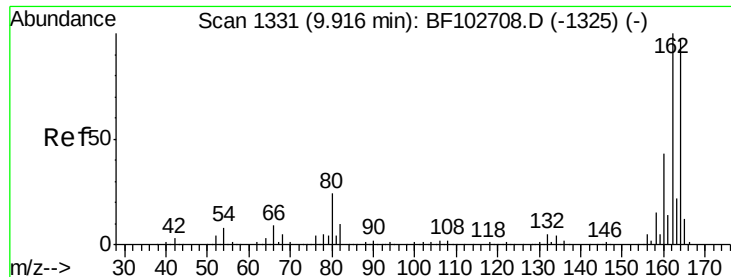


#32
 Benzoic acid
 Concen: 9.130 ng m
 RT: 7.89 min Scan# 986
 Delta R.T. -0.06 min
 Lab File: BF103073.D
 Acq: 19 Feb 2018 11:13

Tgt Ion: 122 Resp: 4413
 Ion Ratio Lower Upper
 122 100
 105 97.9 101.1 141.1#
 77 90.9 70.7 110.7

Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103073.D

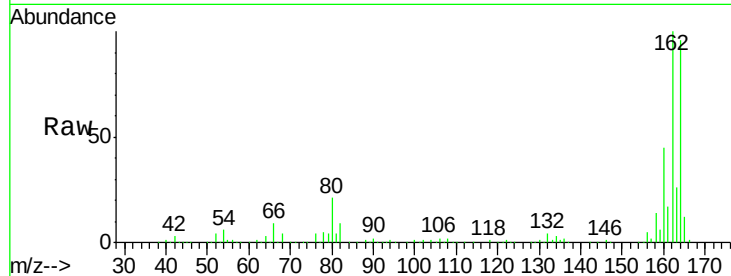
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Instrument :

BNA_F

ClientSampleId :

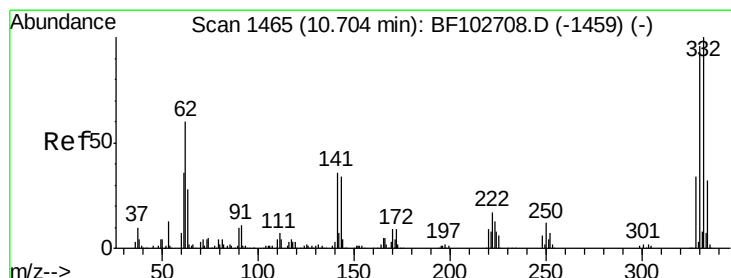
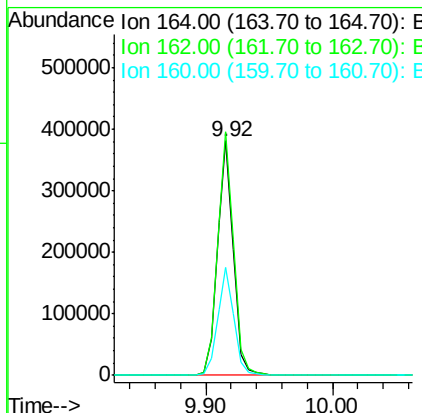
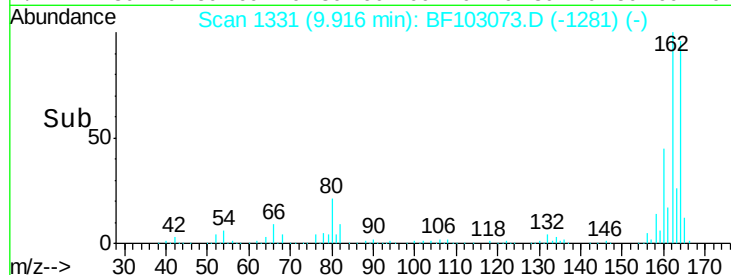
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Tgt Ion:	164	Resp:	336662
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	46.3	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 144.183 ng

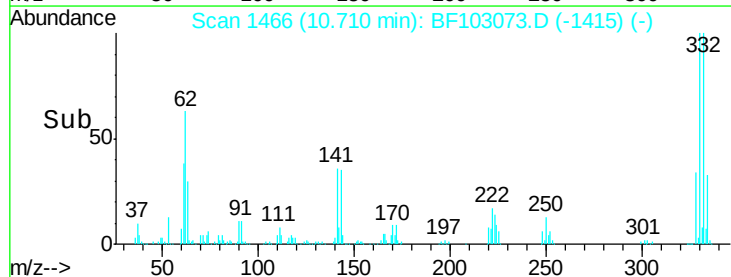
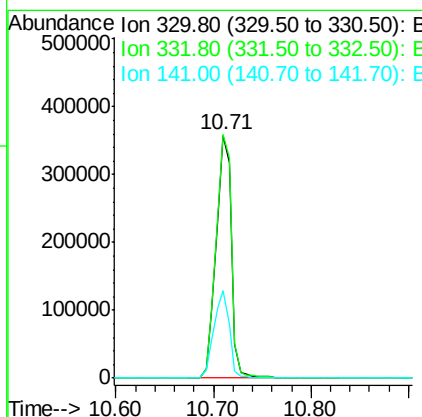
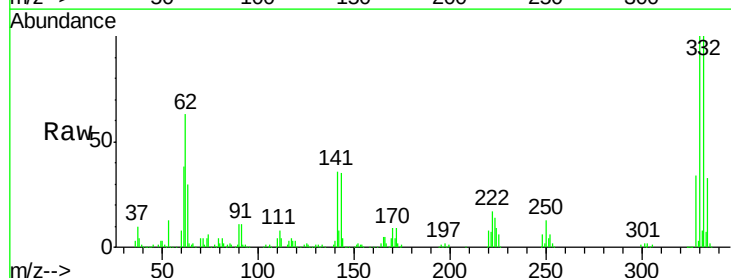
RT: 10.71 min Scan# 1466

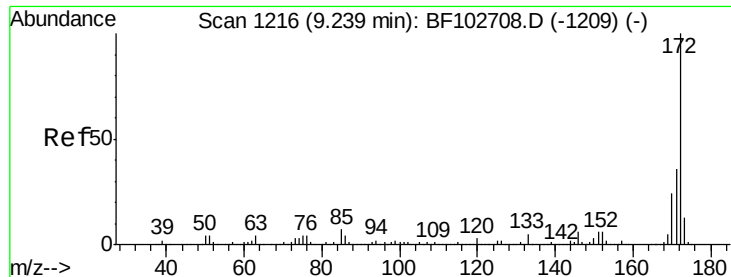
Delta R.T. 0.00 min

Lab File: BF103073.D

Acq: 19 Feb 2018 11:13

Tgt Ion:	330	Resp:	390697
Ion Ratio	Lower	Upper	
330	100		
332	101.8	77.0	115.6
141	36.2	29.9	44.9





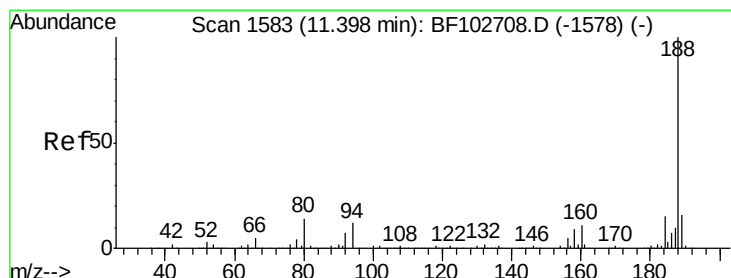
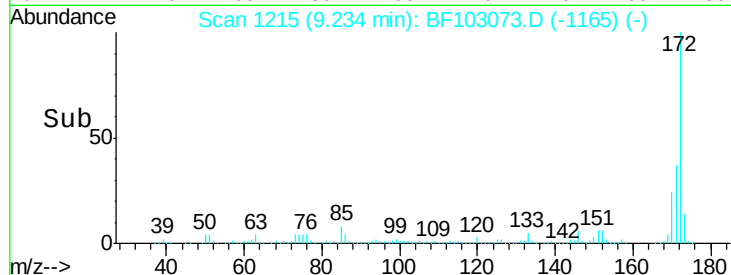
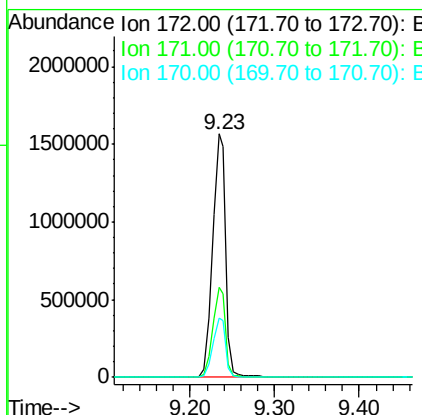
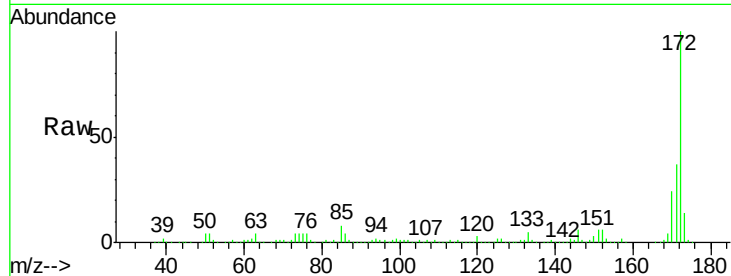
#44
 2-Fluorobiphenyl
 Concen: 85.885 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103073.D
 Acq: 19 Feb 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	19.6	29.4

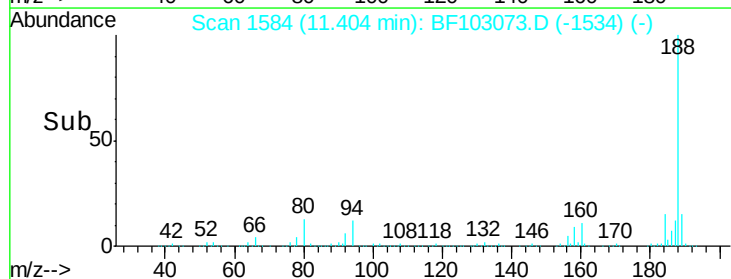
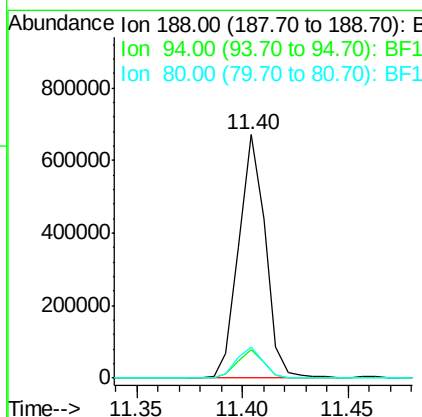
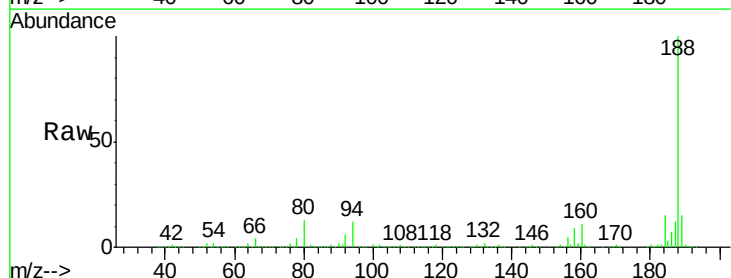
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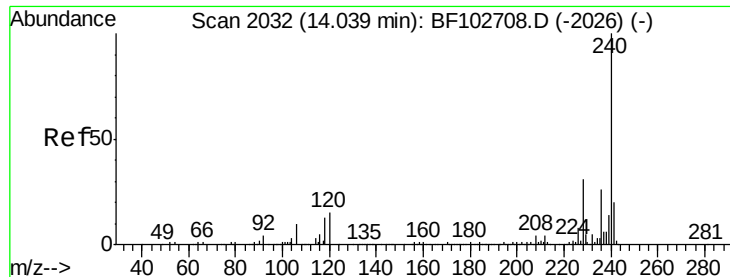
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103073.D
 Acq: 19 Feb 2018 11:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103073.D

Acq: 19 Feb 2018 11:13

Instrument :

BNA_F

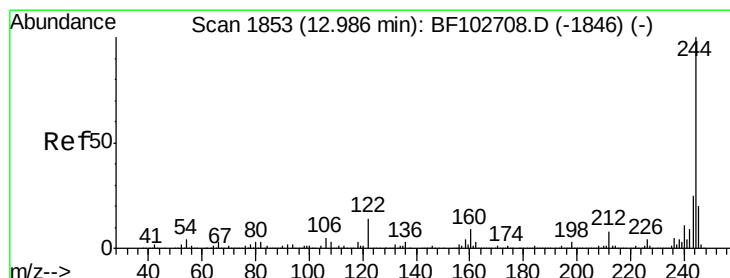
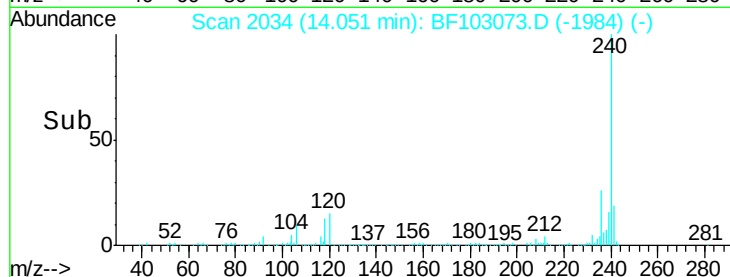
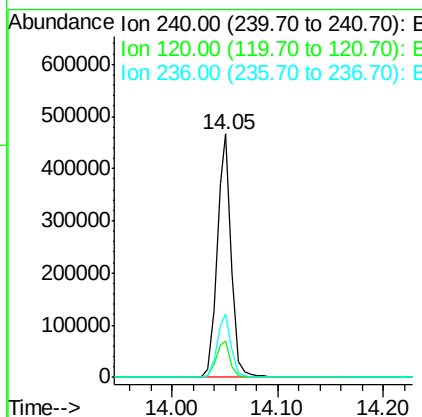
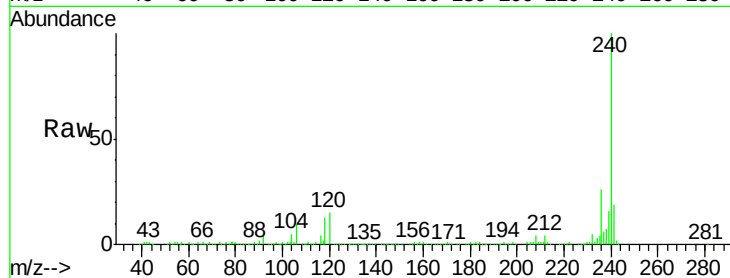
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	439503		
120	14.9	9.5	14.3#	
236	26.1	20.7	31.1	

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#78

Terphenyl-d14

Concen: 89.395 ng

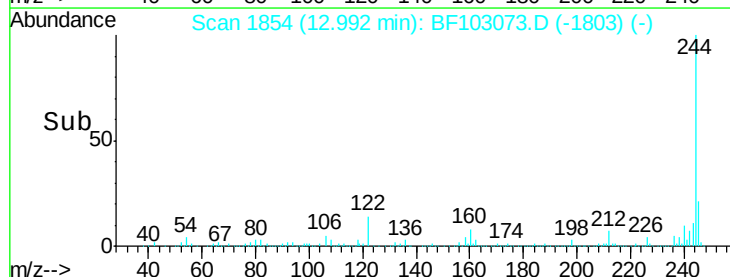
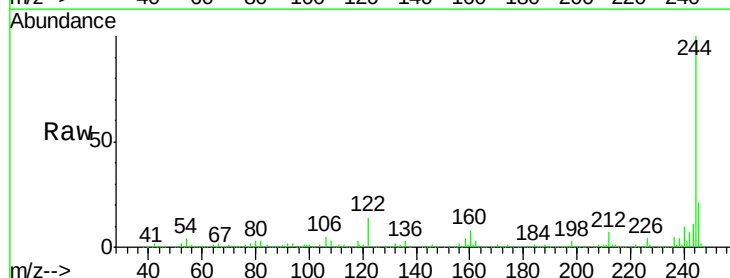
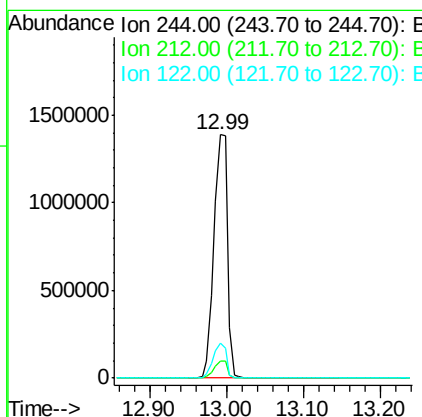
RT: 12.99 min Scan# 1854

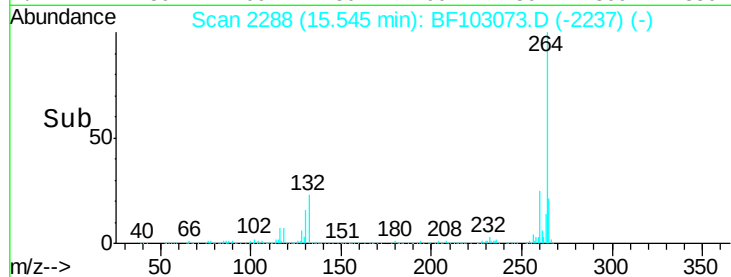
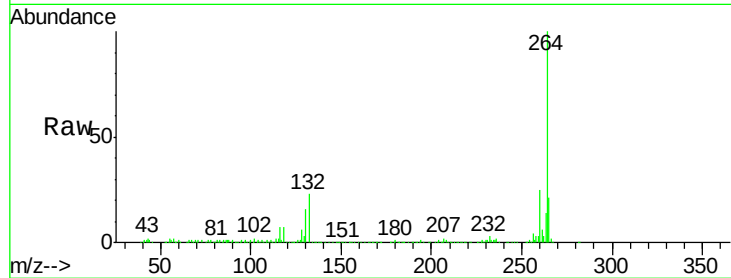
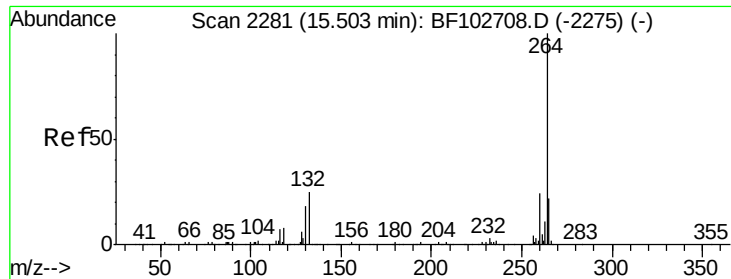
Delta R.T. 0.00 min

Lab File: BF103073.D

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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1659338		
212	6.8	5.4	8.0	
122	14.4	11.0	16.4	





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.7	19.2	28.8
265	20.8	17.5	26.3

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