

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113518.D
 Acq On : 2 Apr 2019 21:12
 Operator : JU/SJ
 Sample : K2182-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7C(2-10)COMP

Manual Integrations
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Sohil
 4/3/2019 12:42:41 PM

Quant Time: Apr 03 07:28:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	136600	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	502019	20.00	ng	-0.02
39) Acenaphthene-d10	9.72	164	236216	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	433268	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	337704	20.00	ng	-0.02
87) Perylene-d12	15.23	264	363566	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	999583	119.65	ng	0.00
7) Phenol-d6	6.35	99	1273241	120.48	ng	-0.01
23) Nitrobenzene-d5	7.26	82	769167	90.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	350306	120.06	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1362202	91.80	ng	-0.02
79) Terphenyl-d14	12.78	244	1229038	80.22	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.44	163	125984	7.197	ng	99
71) Phenanthrene	11.22	178	72336	3.362	ng	98
75) Fluoranthene	12.40	202	110317	4.535	ng	99
78) Pyrene	12.63	202	123280	5.268	ng	98
81) Benzo(a)anthracene	13.82	228	66975	3.465	ng	98
83) Chrysene	13.85	228	81120	4.131	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	33859	2.009	ng	99
88) Benzo(b)fluoranthene	14.84	252	115079m	5.095	ng	
90) Benzo(a)pyrene	15.17	252	51777	2.586	ng	99

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

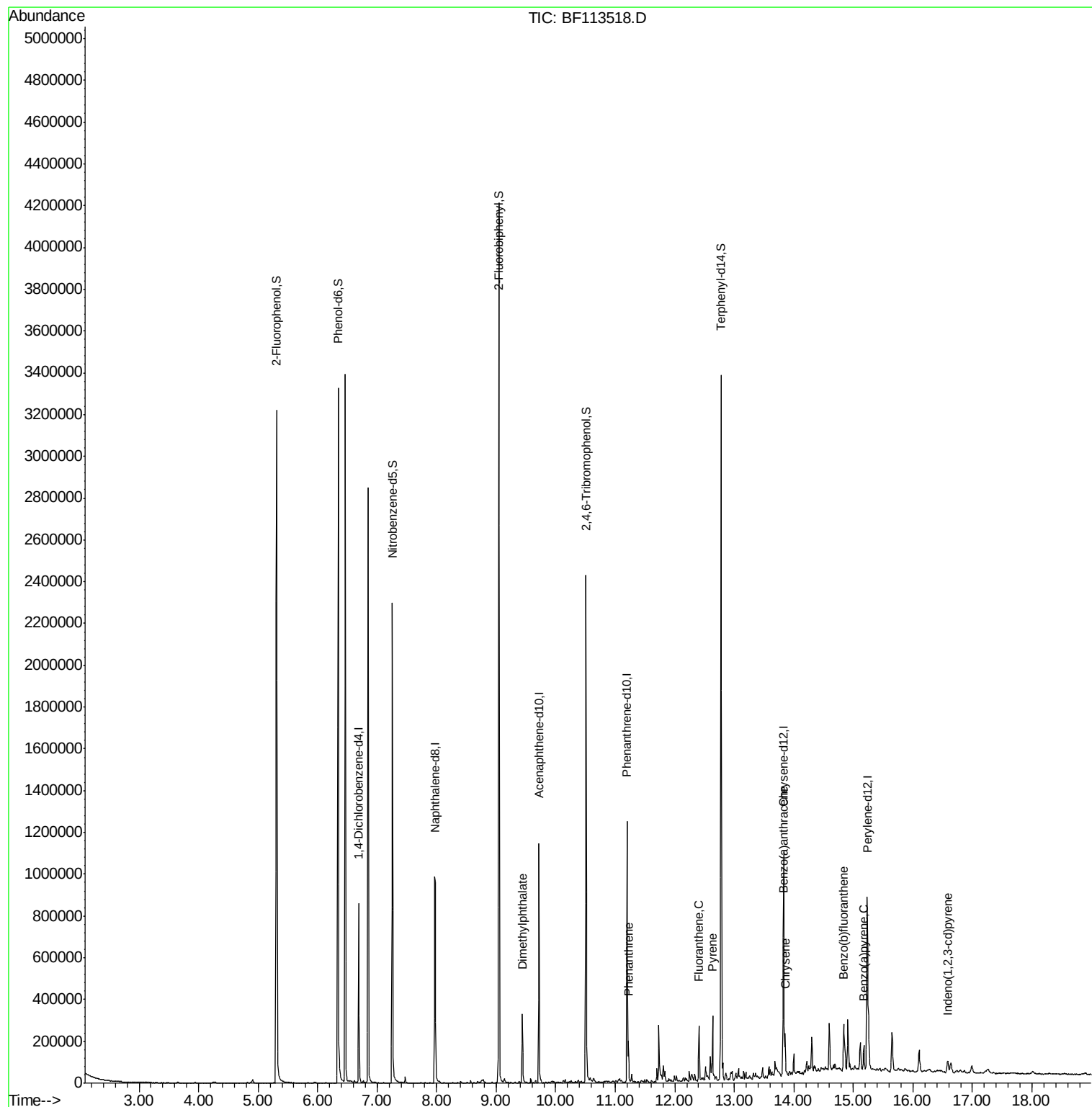
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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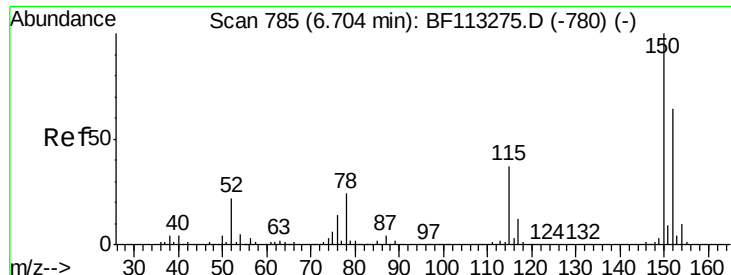
Instrument :
BNA_F
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S7C(2-10)COMP

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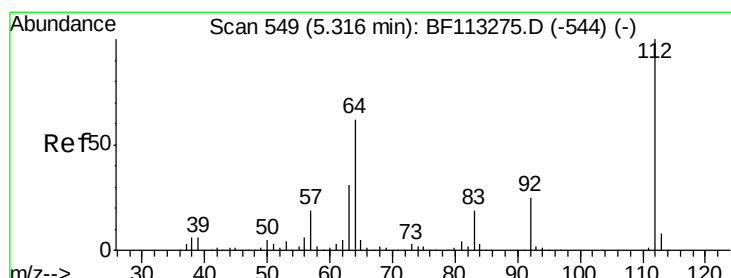
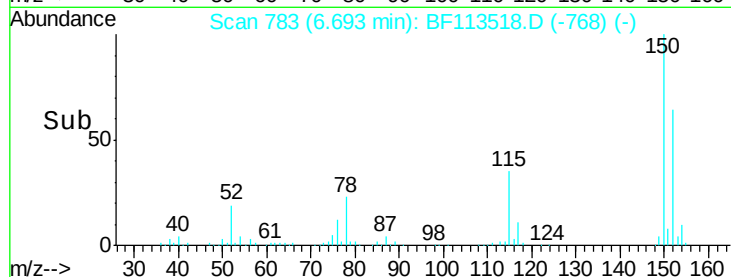
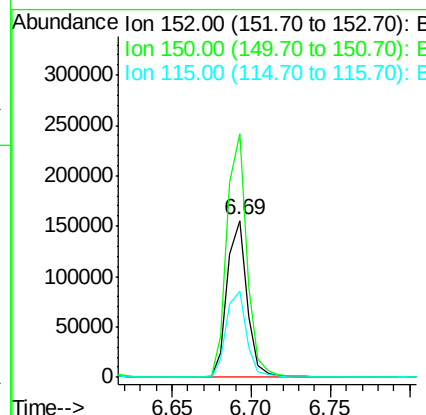
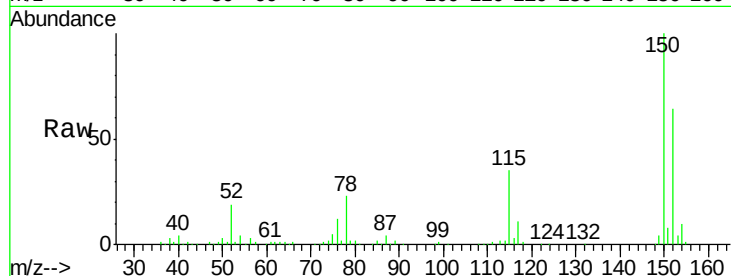
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113518.D
 Acq: 2 Apr 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 S7C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	55.1	46.0	69.0

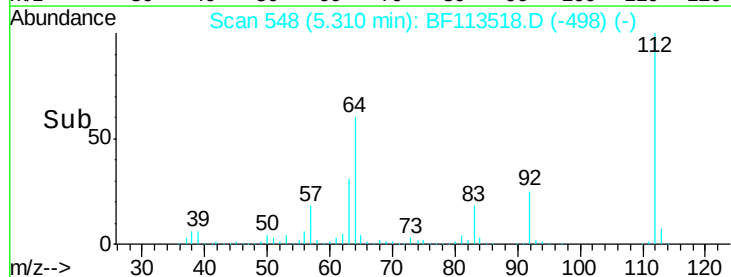
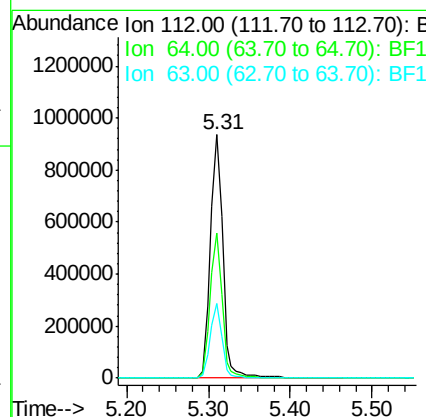
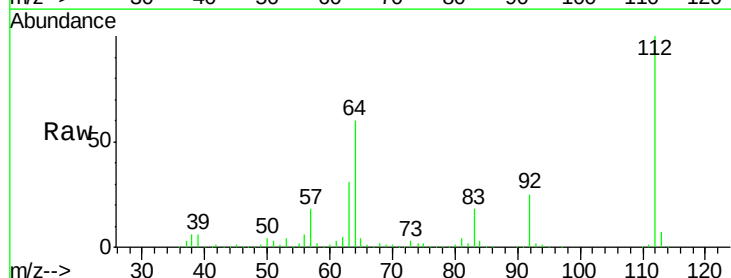
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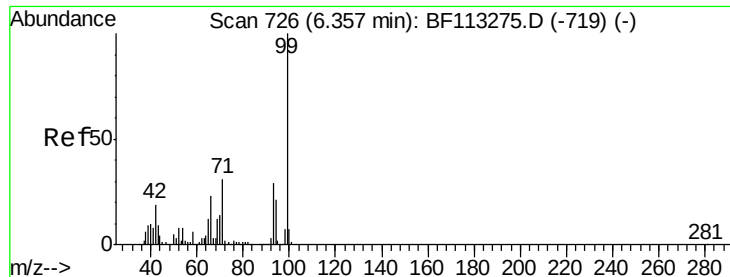
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#5
 2-Fluorophenol
 Concen: 119.651 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113518.D
 Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.2	73.8
63	30.6	24.9	37.3





#7

Phenol-d6

Concen: 120.476 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Instrument :

BNA_F

ClientSampleId :

S7C(2-10)COMP

Tgt Ion: 99 Resp: 1273241

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

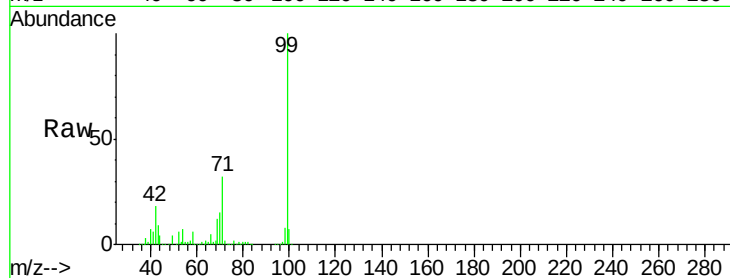
71 31.7 24.9 37.3

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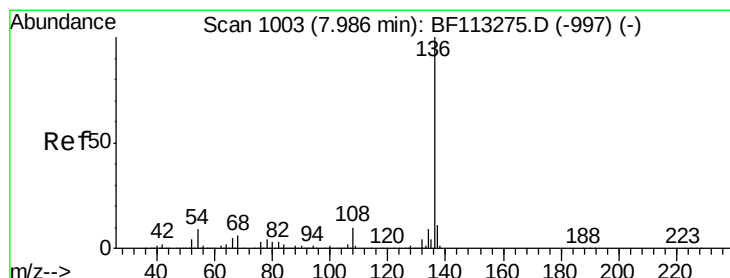
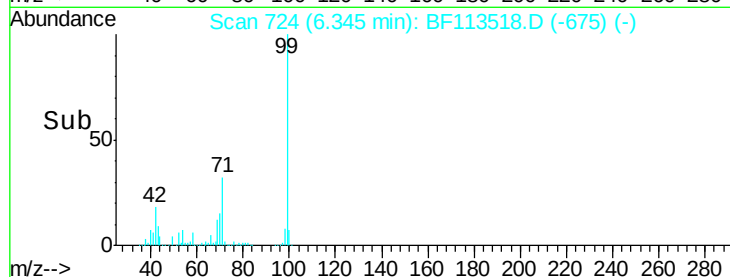
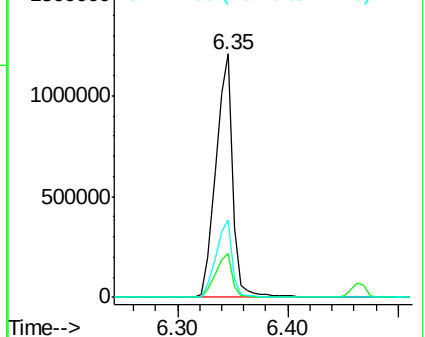
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Tgt Ion: 136 Resp: 502019

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.5 7.0 10.6

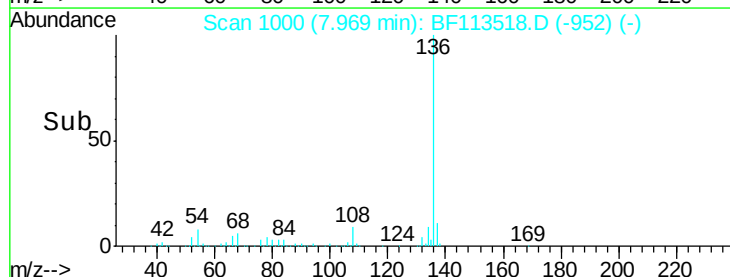
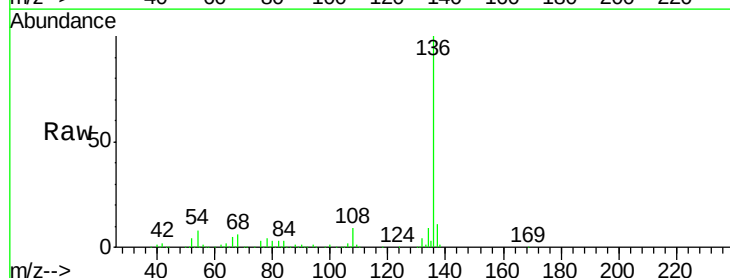
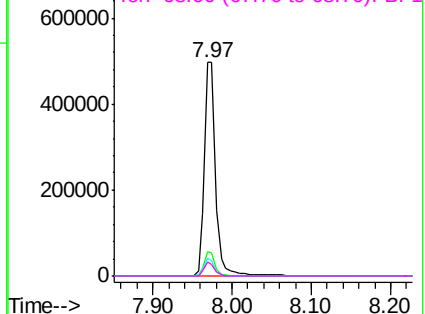
68 6.3 4.8 7.2

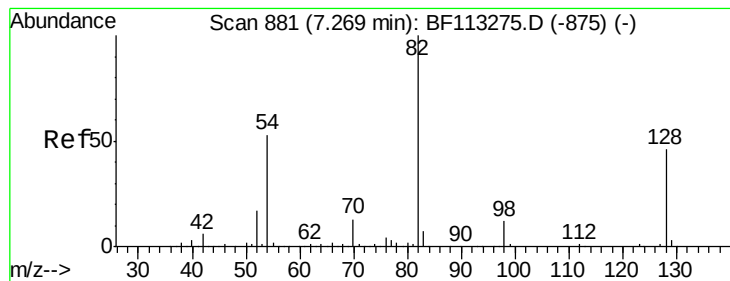
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 90.939 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Instrument :

BNA_F

ClientSampleId :

S7C(2-10)COMP

Tgt Ion: 82 Resp: 769167
Ion Ratio Lower Upper

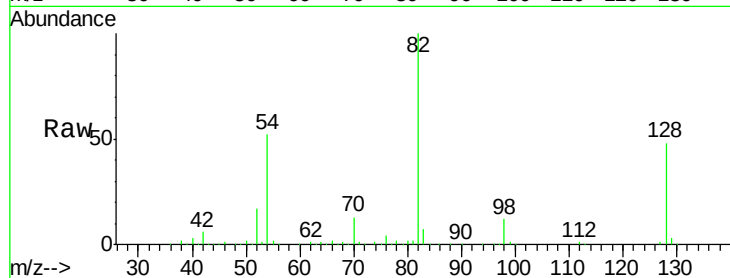
82 100

128 47.9 36.5 54.7

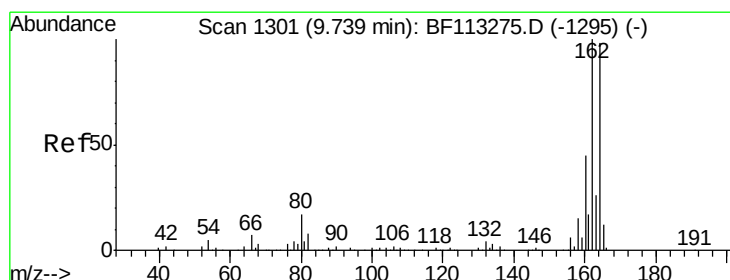
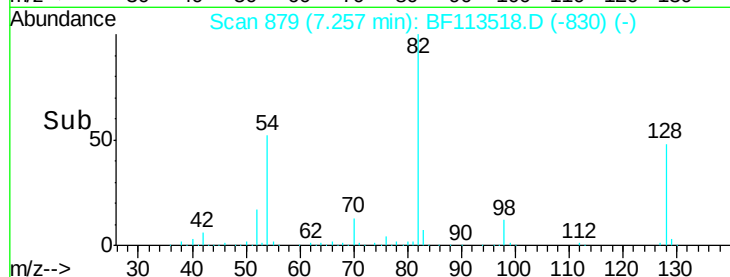
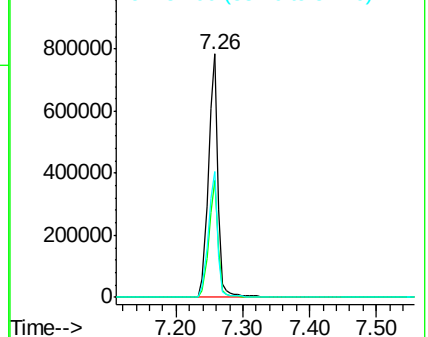
54 51.6 42.2 63.2

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF113518.D

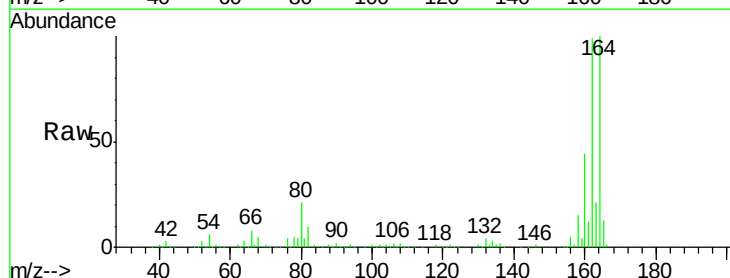
Acq: 2 Apr 2019 21:12

Tgt Ion: 164 Resp: 236216
Ion Ratio Lower Upper

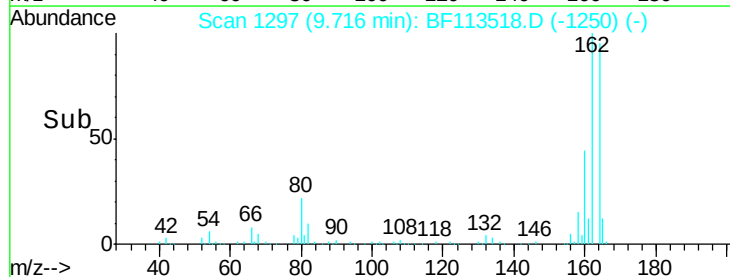
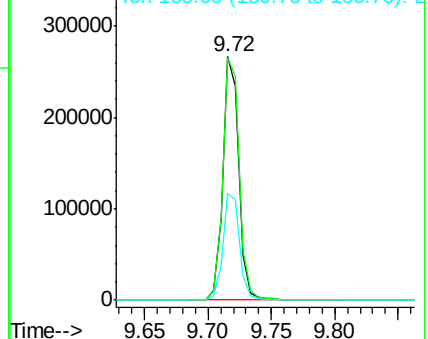
164 100

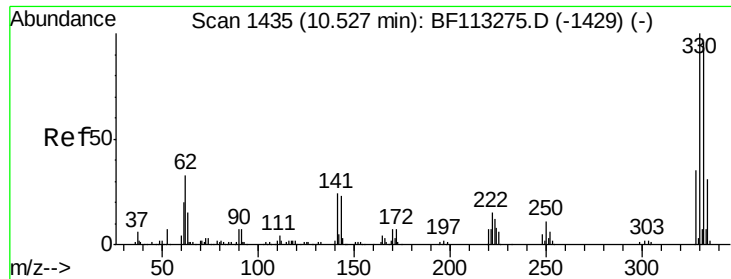
162 99.4 81.8 122.6

160 43.9 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 120.058 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Instrument :

BNA_F

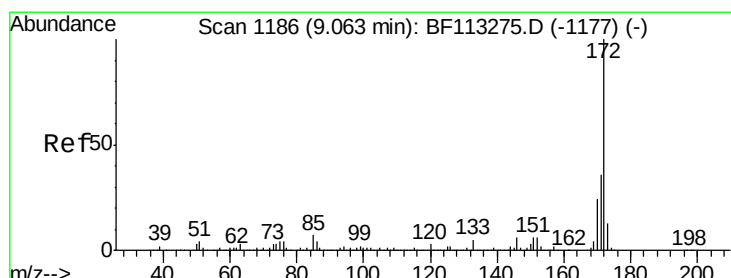
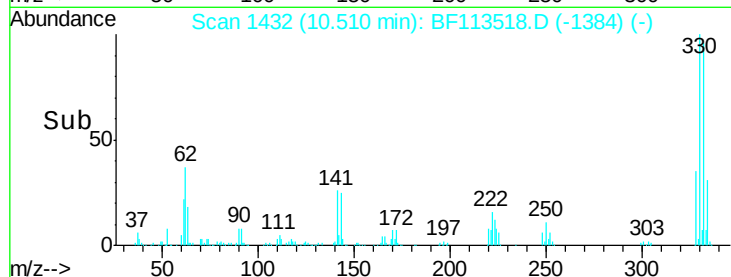
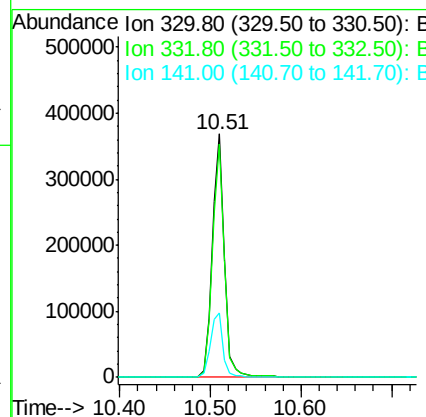
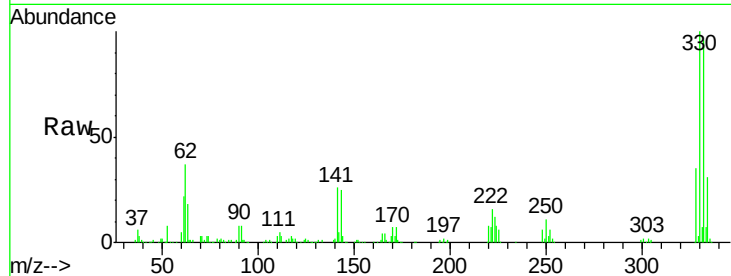
ClientSampleId :

S7C(2-10)COMP

Tgt Ion:	330	Resp:	350306
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.8	116.6
141	27.8	22.7	34.1

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#45

2-Fluorobiphenyl

Concen: 91.796 ng

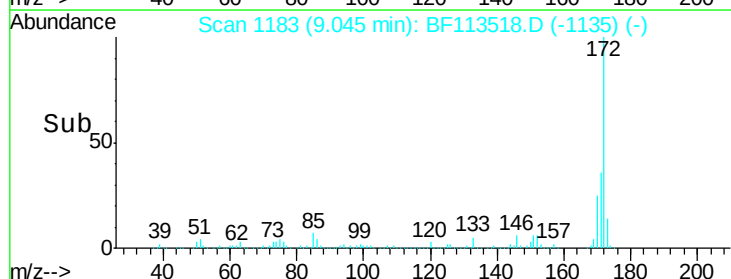
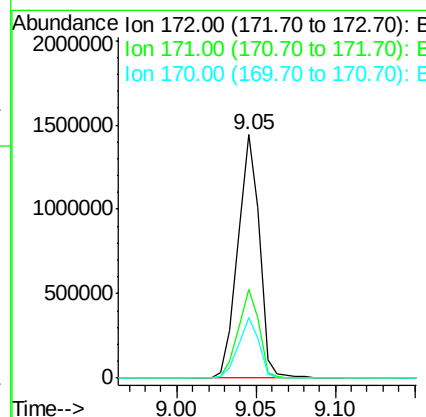
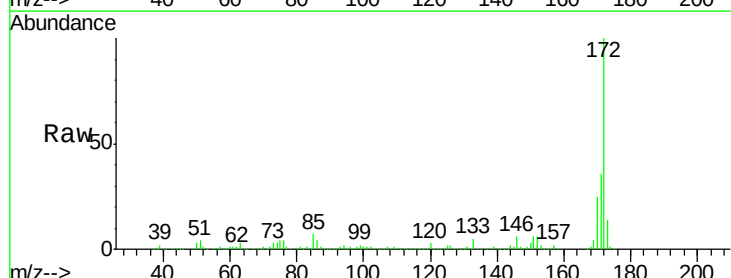
RT: 9.05 min Scan# 1183

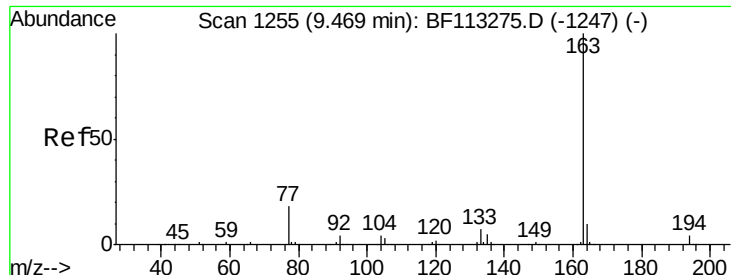
Delta R.T. -0.02 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Tgt Ion:	172	Resp:	1362202
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.0	43.6
170	24.6	19.5	29.3





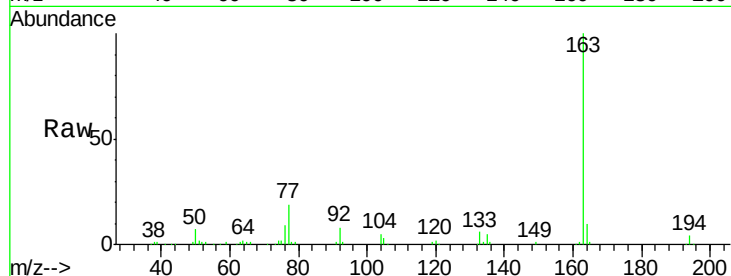
#50
Dimethylphthalate
Concen: 7.197 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

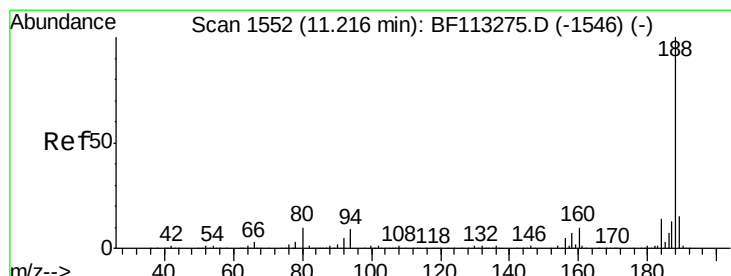
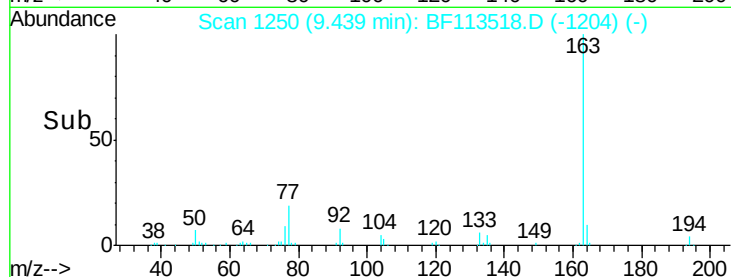
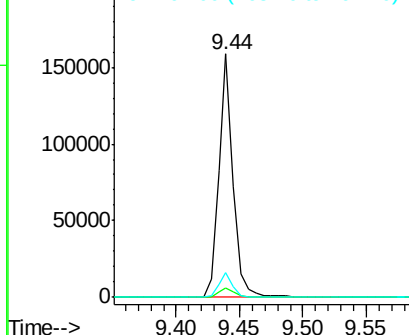
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	125984		
194	4.1	3.0	4.6	
164	9.9	8.1	12.1	

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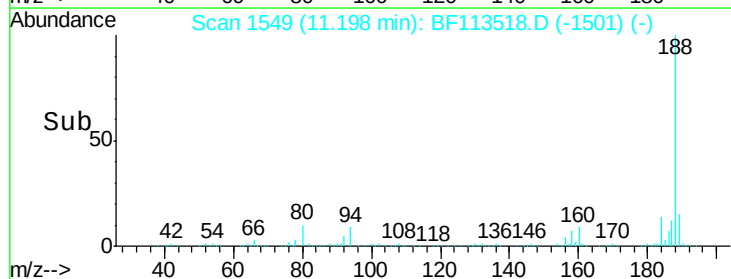
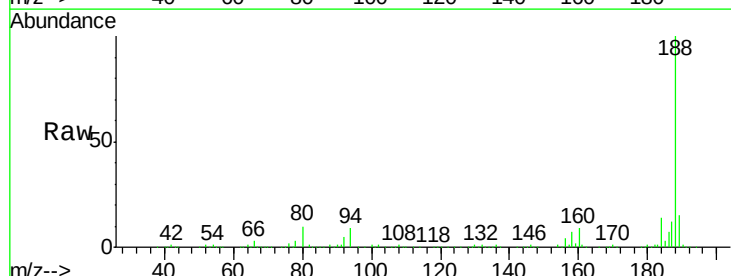
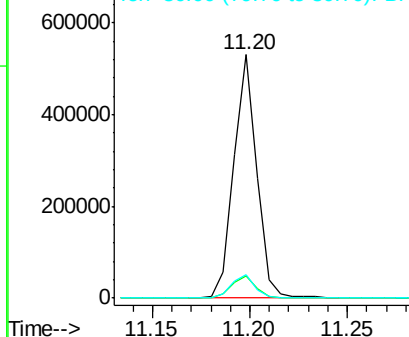
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

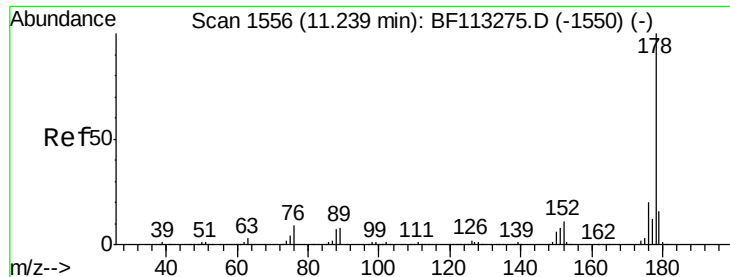


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	433268		
94	9.2	7.0	10.6	
80	9.5	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 3.362 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Instrument :

BNA_F

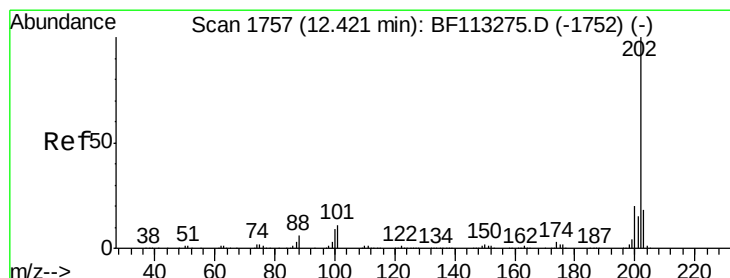
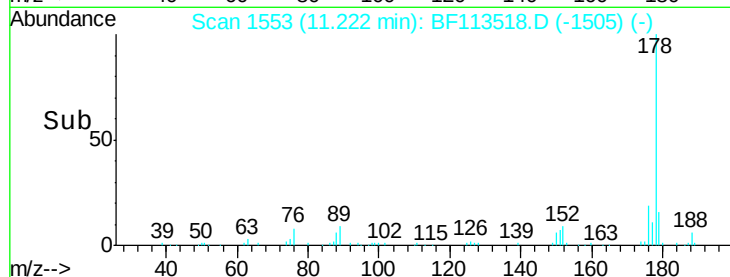
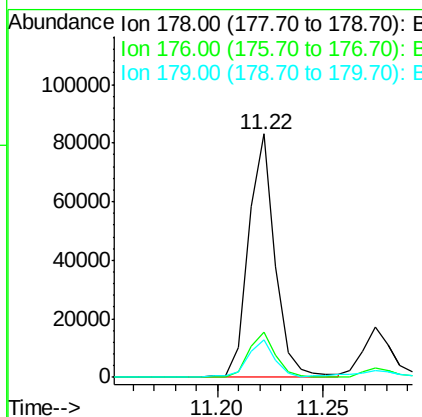
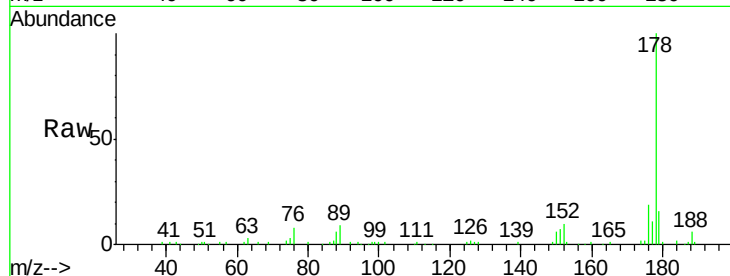
ClientSampleId :

S7C(2-10)COMP

Tgt Ion:	178	Resp:	72336
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.2	24.2
179	15.7	12.7	19.1

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#75

Fluoranthene

Concen: 4.535 ng

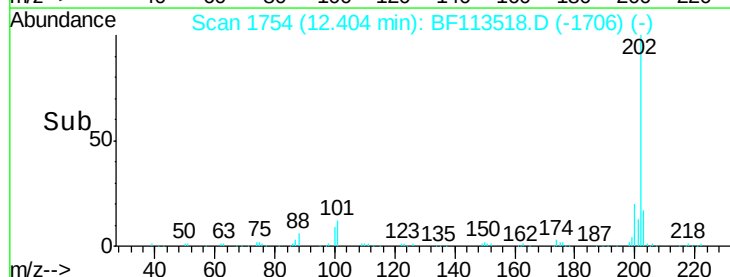
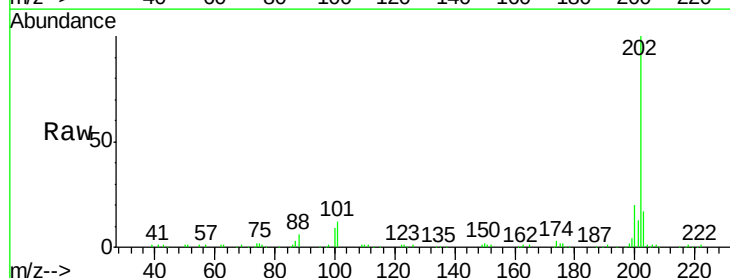
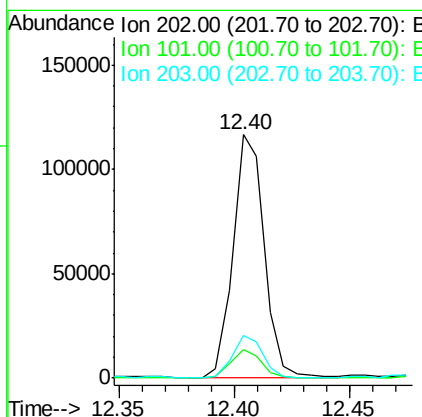
RT: 12.40 min Scan# 1754

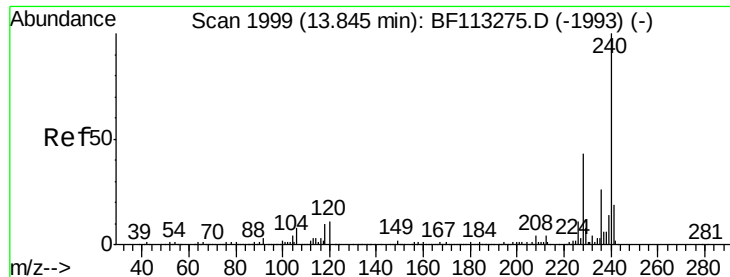
Delta R.T. -0.02 min

Lab File: BF113518.D

Acq: 2 Apr 2019 21:12

Tgt Ion:	202	Resp:	110317
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.4
203	17.3	0.0	38.0





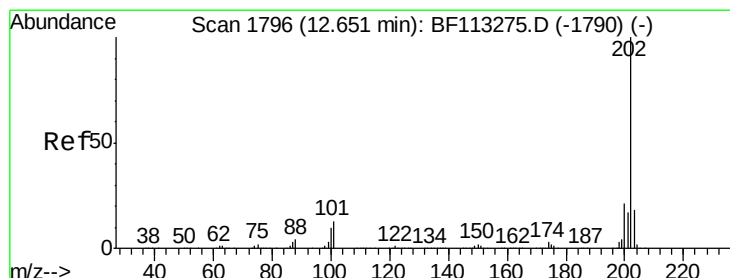
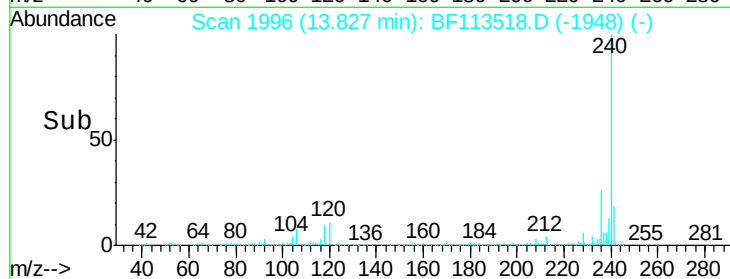
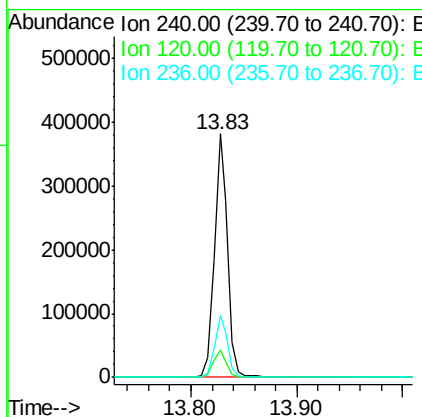
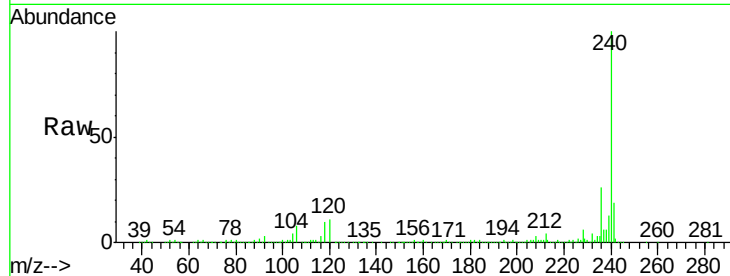
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	337704		
120	11.3	8.8	13.2	
236	25.5	20.9	31.3	

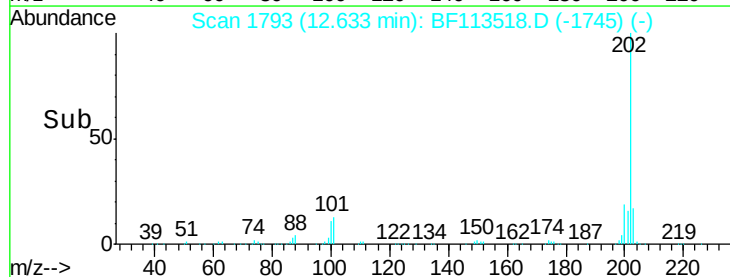
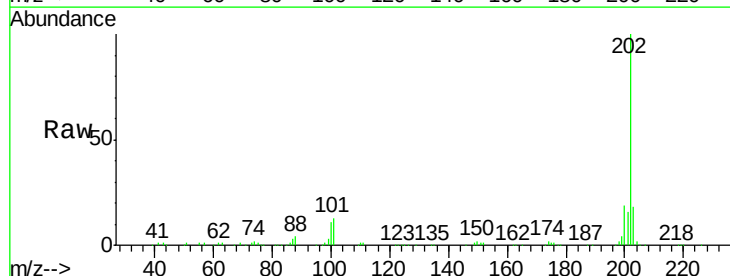
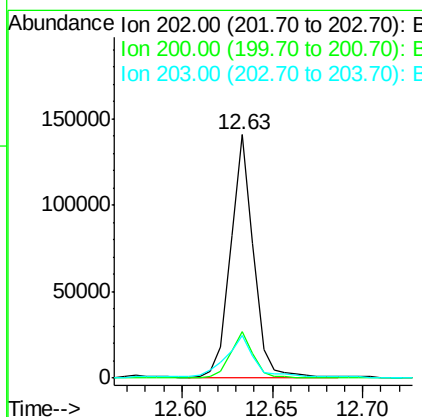
Manual Integrations
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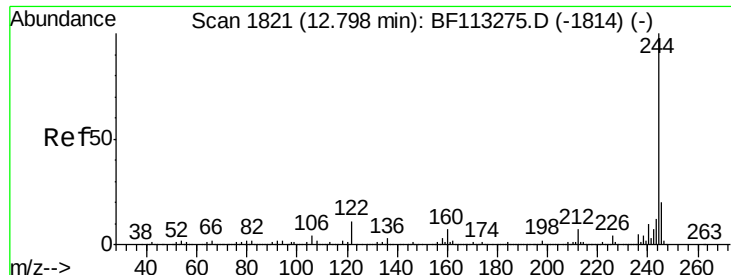
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#78
Pyrene
Concen: 5.268 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	123280		
200	19.4	16.8	25.2	
203	17.6	14.4	21.6	





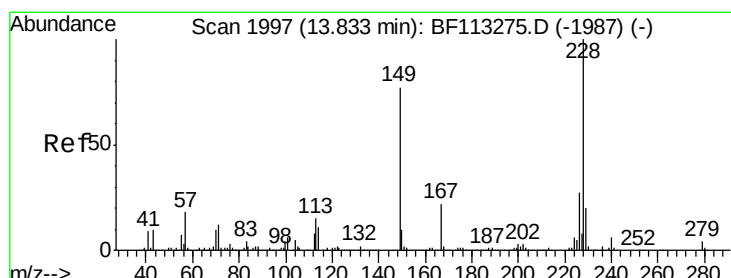
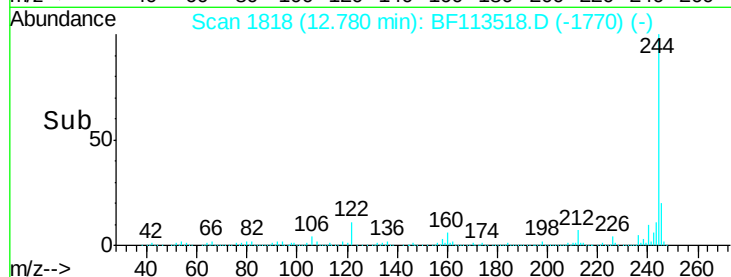
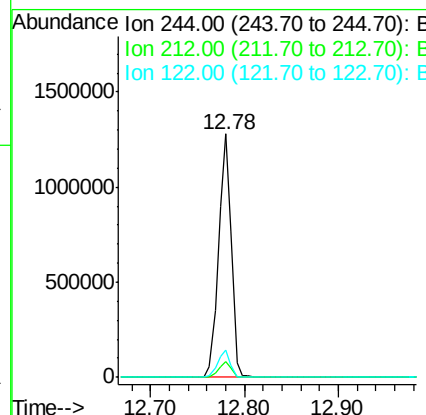
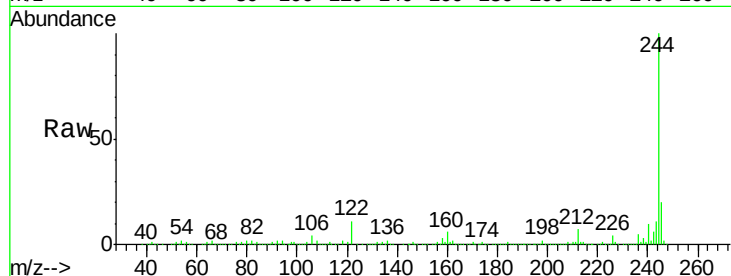
#79
 Terphenyl-d14
 Concen: 80.218 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113518.D
 Acq: 2 Apr 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 S7C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.0	8.6	13.0

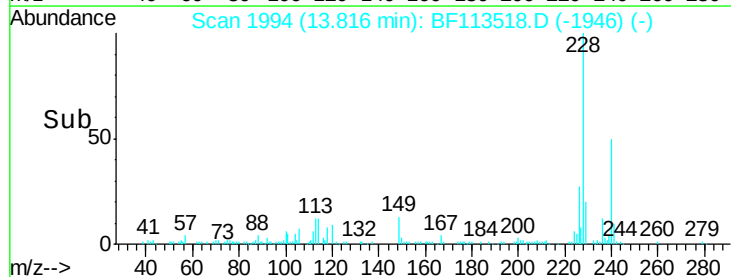
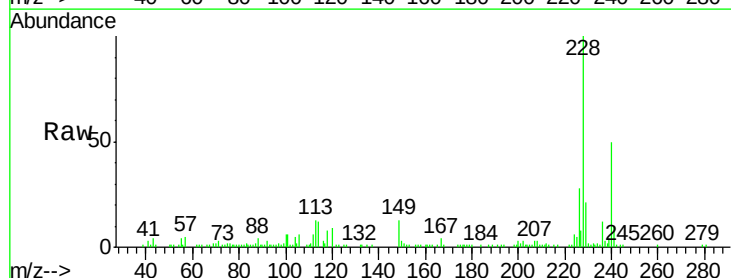
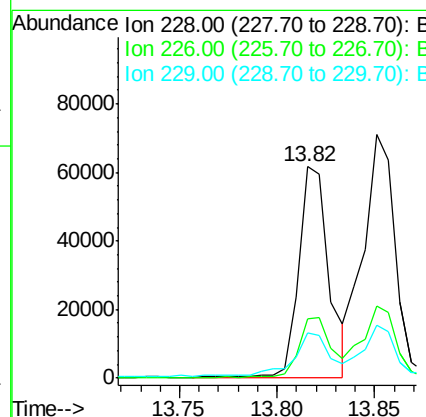
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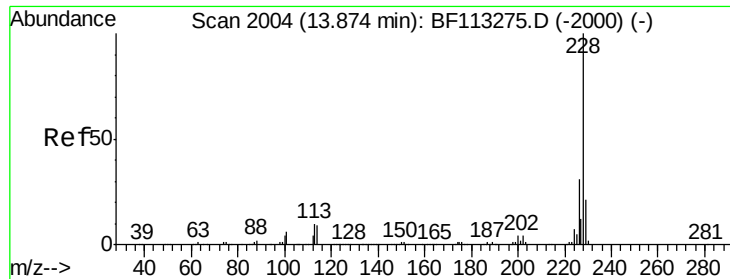
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#81
 Benzo(a)anthracene
 Concen: 3.465 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF113518.D
 Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	21.3	16.2	24.4





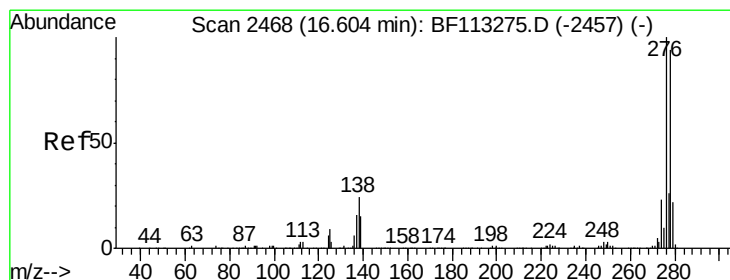
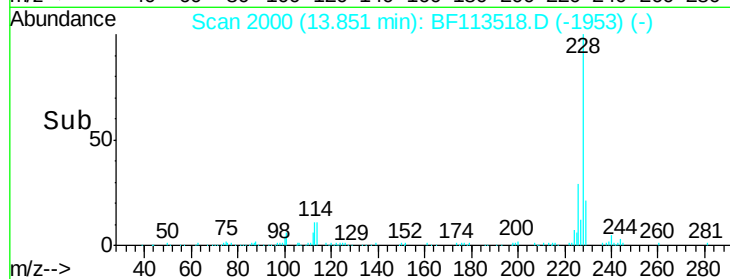
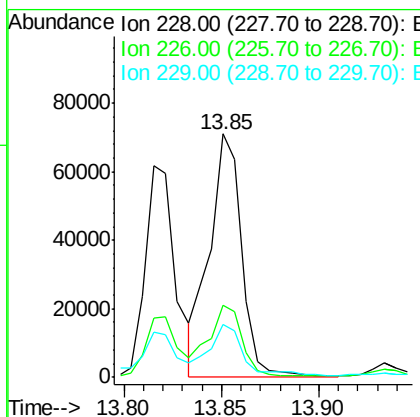
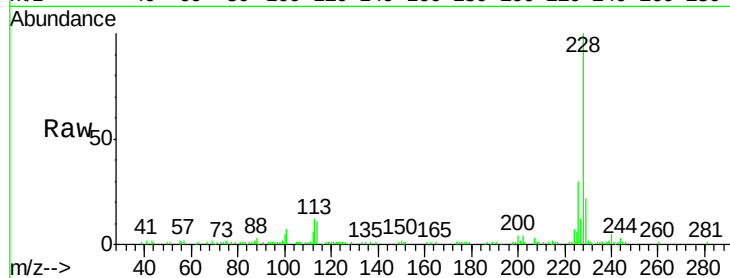
#83
Chrysene
Concen: 4.131 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	21.8	16.3	24.5

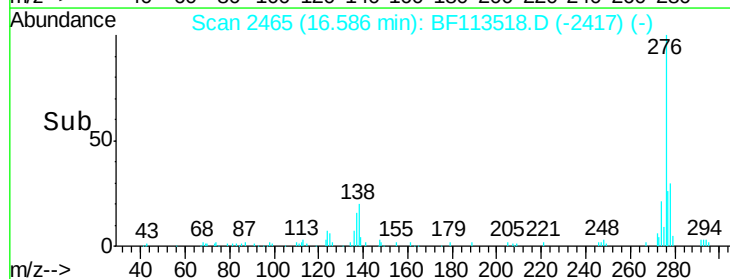
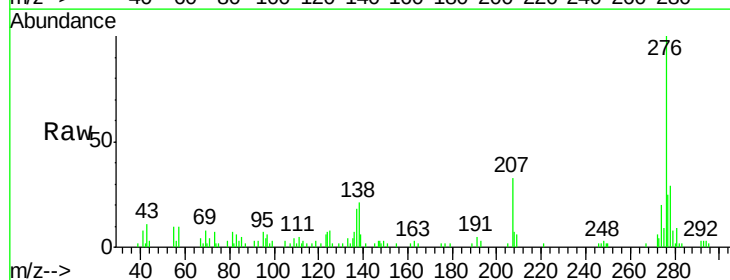
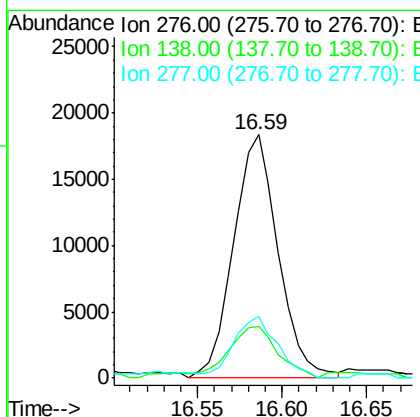
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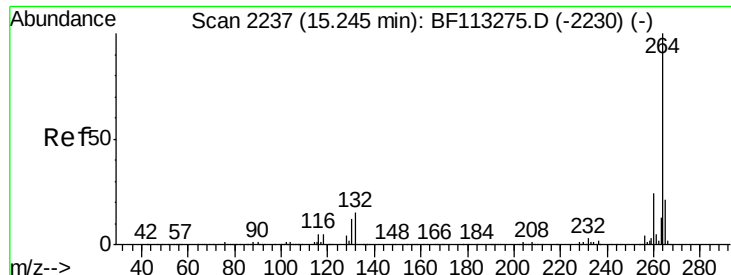
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.009 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.1	27.1
277	24.8	20.2	30.4





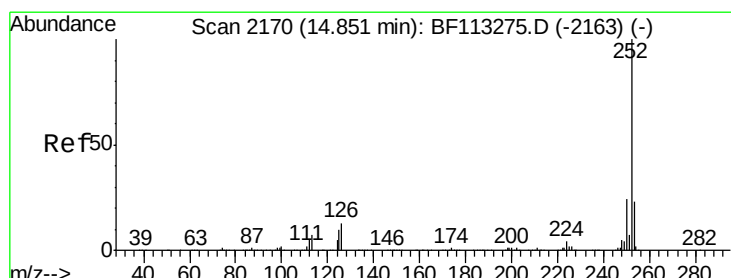
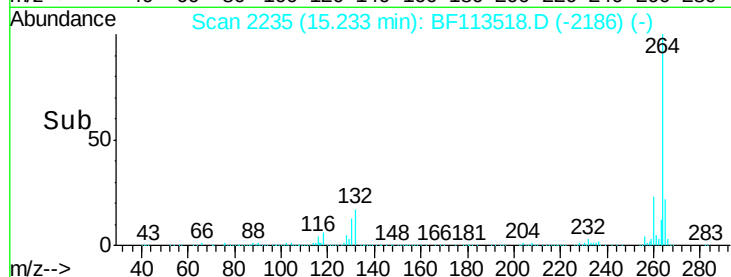
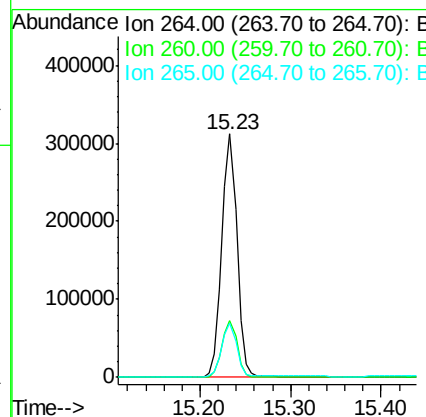
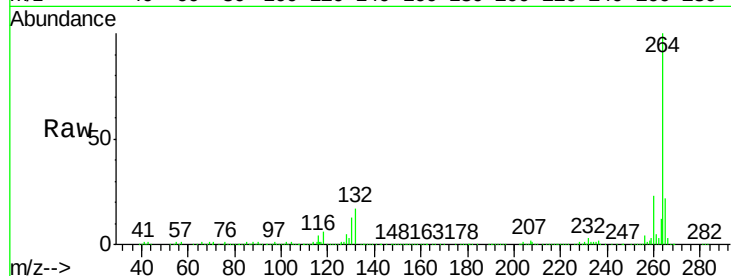
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	363566		
260	23.4	19.1	28.7	
265	22.4	17.1	25.7	

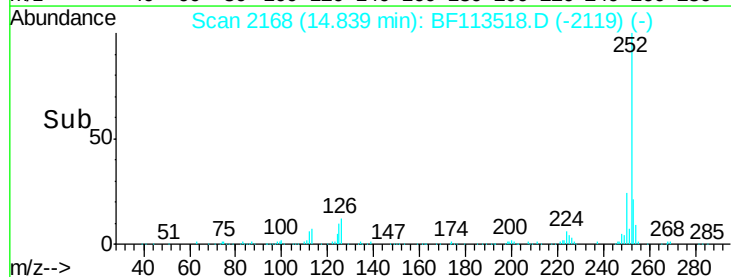
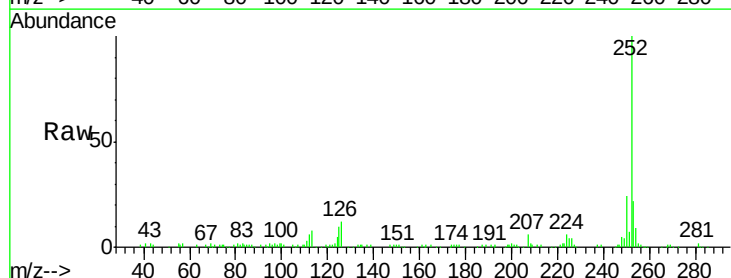
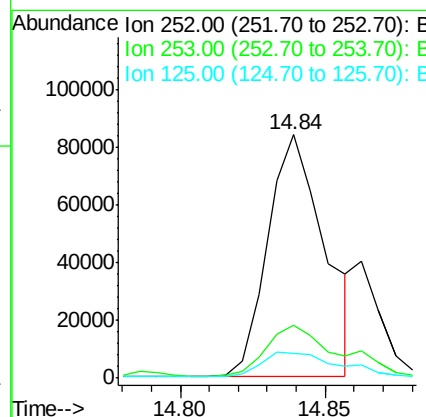
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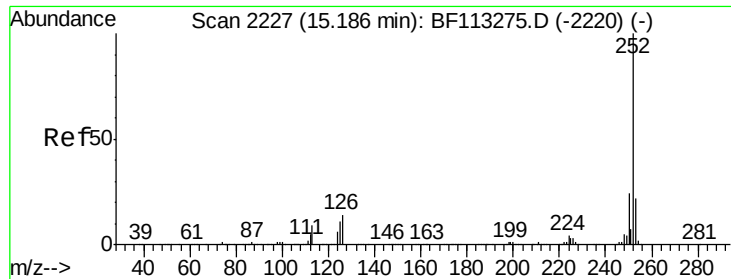
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#88
Benzo(b)fluoranthene
Concen: 5.095 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115079		
253	21.8	18.0	27.0	
125	10.4	7.6	11.4	





#90
Benzo(a)pyrene
Concen: 2.586 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF113518.D
Acq: 2 Apr 2019 21:12

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.3	8.8	13.2

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