

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099514.D
 Acq On : 15 Oct 2017 15:26
 Operator : SJ/JU
 Sample : I5752-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(5-10)

Manual Integrations
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 10/16/2017 7:45:28 PM

Quant Time: Oct 16 01:59:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98532	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	399532	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	164869	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	246272	20.00	ng	0.00
75) Chrysene-d12	14.01	240	172237	20.00	ng	0.00
86) Perylene-d12	15.48	264	175584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	608801	98.36	ng	0.00
7) Phenol-d6	6.48	99	720900	94.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	429726	68.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	119595	88.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	727963	73.71	ng	-0.01
78) Terphenyl-d14	12.95	244	442720	58.46	ng	0.00
Target Compounds						
10) Phenol	6.49	94	43185	5.057	ng	97
49) Dimethylphthalate	9.59	163	238815	19.192	ng	100
70) Phenanthrene	11.39	178	32083	2.434	ng	97
74) Fluoranthene	12.58	202	58903	4.413	ng	98
77) Pyrene	12.81	202	55748	4.245	ng	98
80) Benzo(a)anthracene	14.00	228	26704	2.560	ng	98
82) Chrysene	14.04	228	26701	2.689	ng	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	16850	2.121	ng	95
87) Benzo(b)fluoranthene	15.06	252	35945m	3.330	ng	
89) Benzo(a)pyrene	15.42	252	27276	2.752	ng	# 94

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

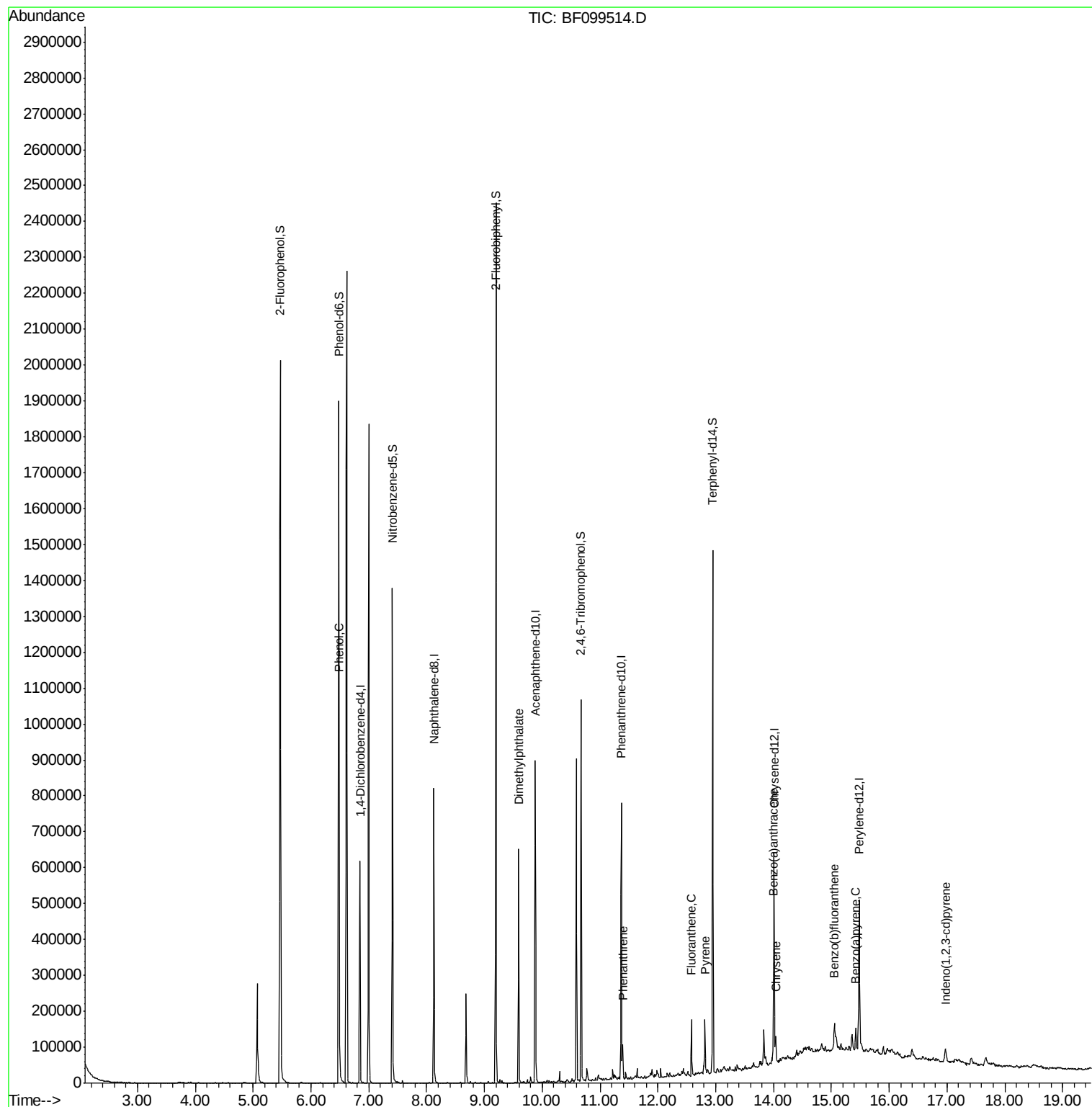
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099514.D
Acq On : 15 Oct 2017 15:26
Operator : SJ/JU
Sample : I5752-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

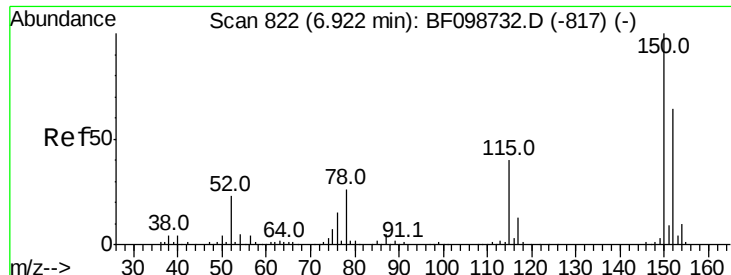
Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

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Quant Time: Oct 16 01:59:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

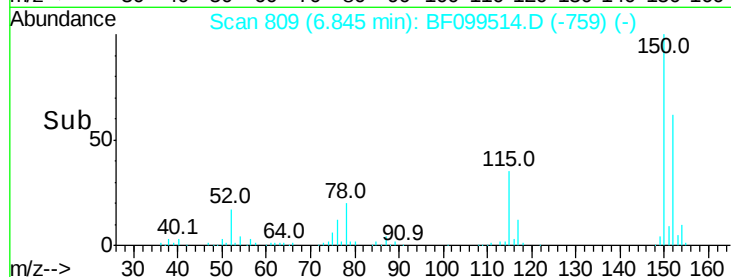
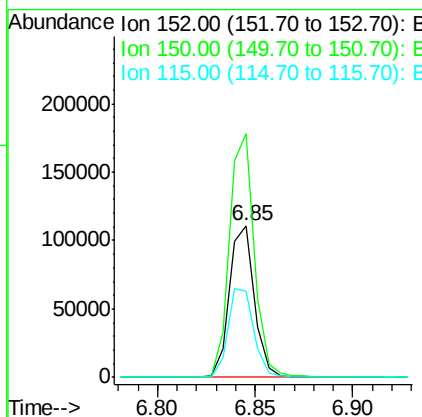
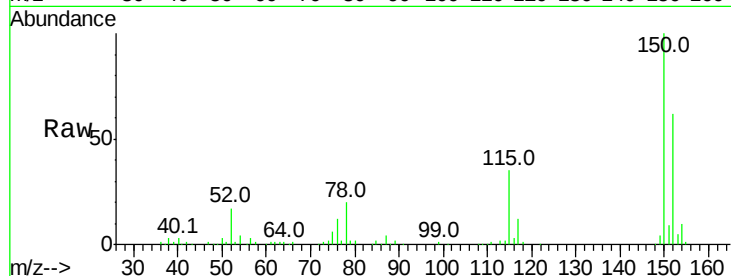
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	56.9	50.1	75.1

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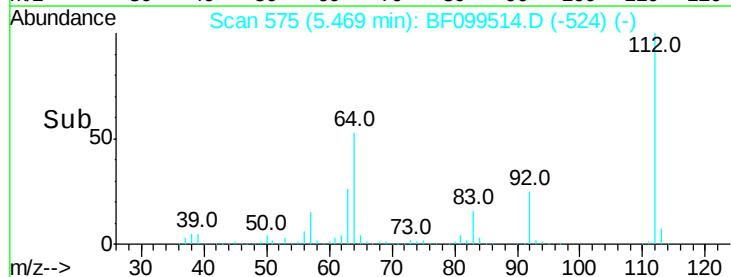
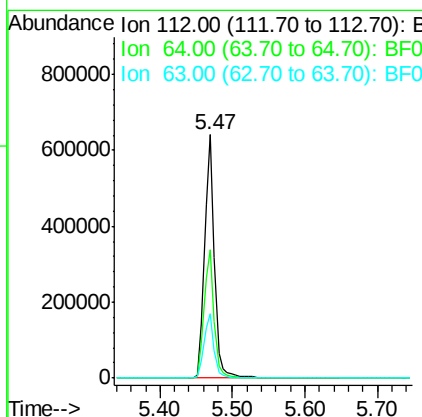
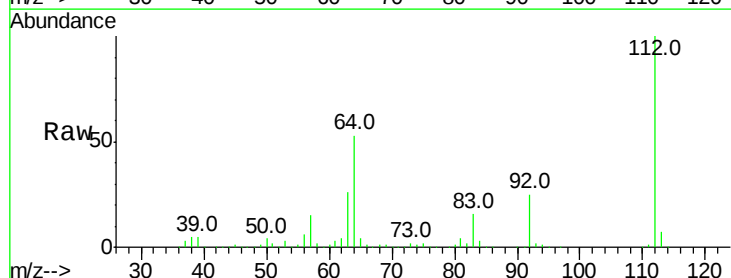
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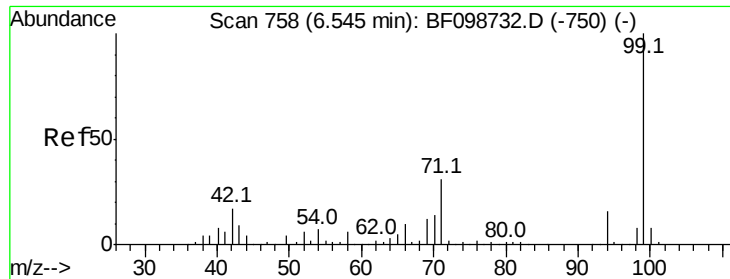


#5

2-Fluorophenol
Concen: 98.359 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.4	23.7	35.5





#7

Phenol-d6

Concen: 94.414 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Instrument :

BNA_F

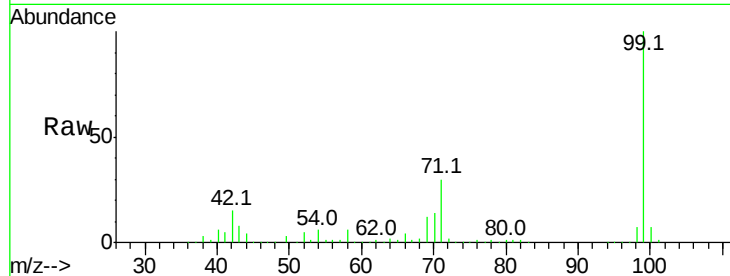
ClientSampleId :

ENV-118-7(5-10)

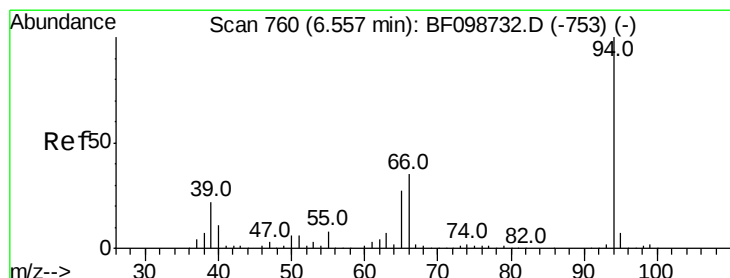
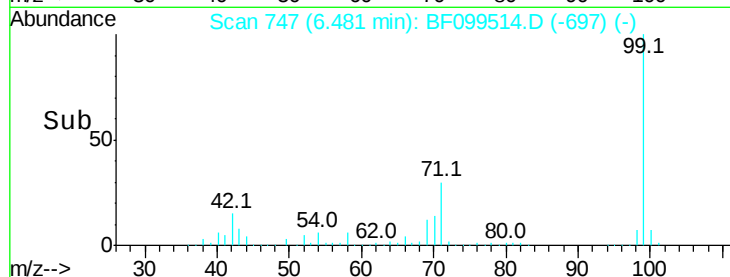
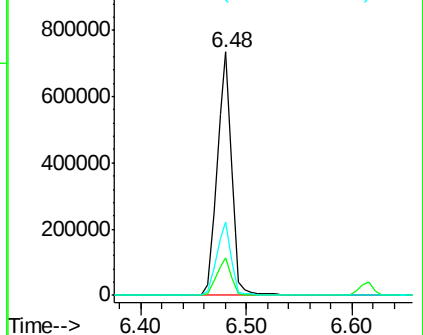
Tot Ion:	99	Resp:	720900
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	30.2	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.057 ng

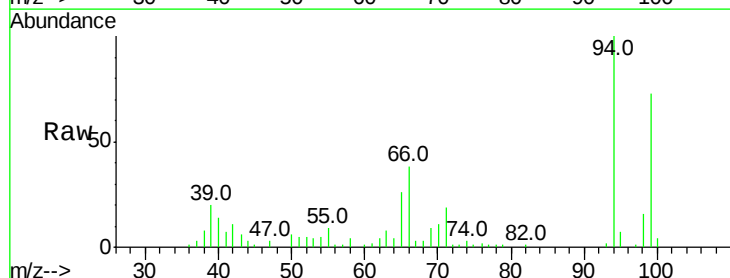
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

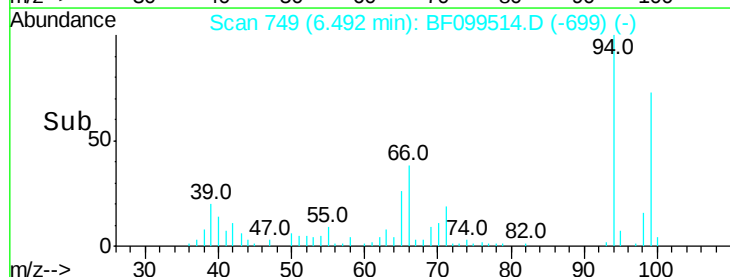
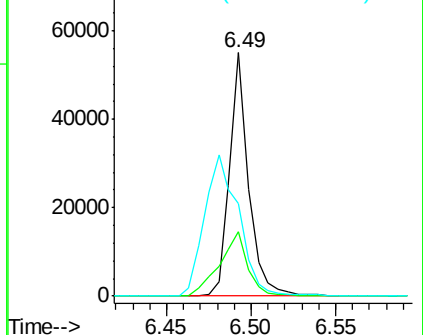
Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Tgt Ion:	94	Resp:	43185
Ion Ratio	Lower	Upper	
94	100		
65	26.4	7.9	47.9
66	38.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





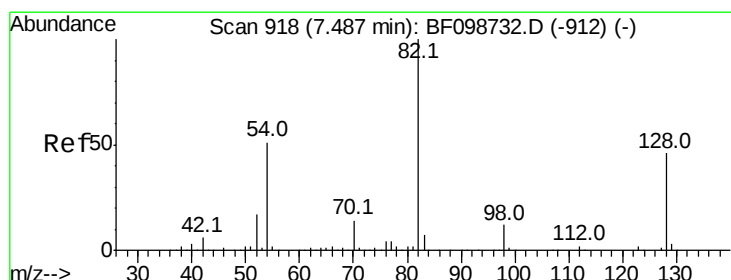
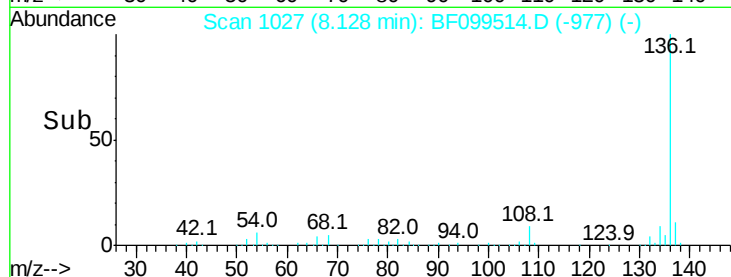
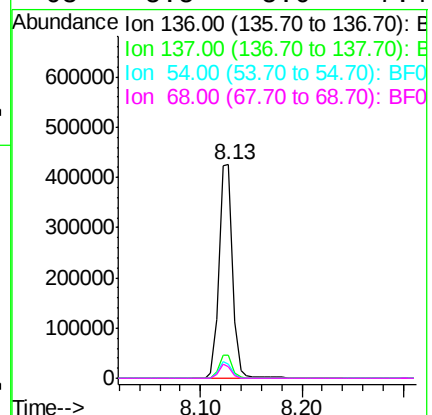
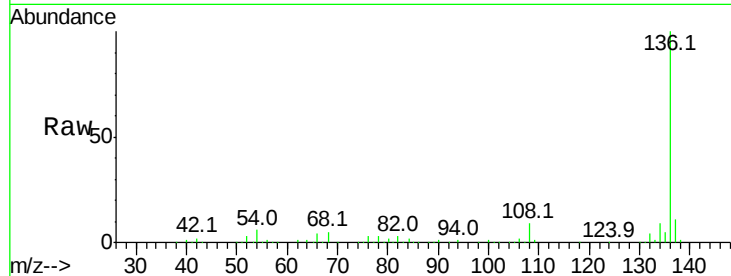
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.4	6.6	9.8	
68	5.5	5.0	7.4	

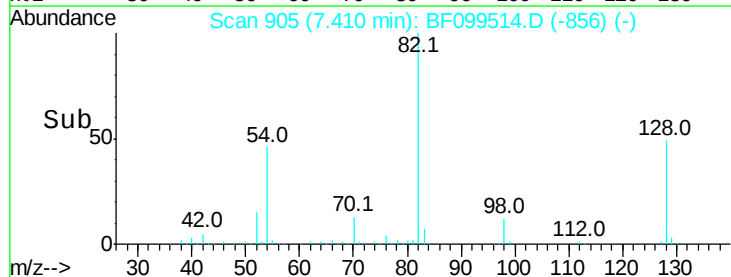
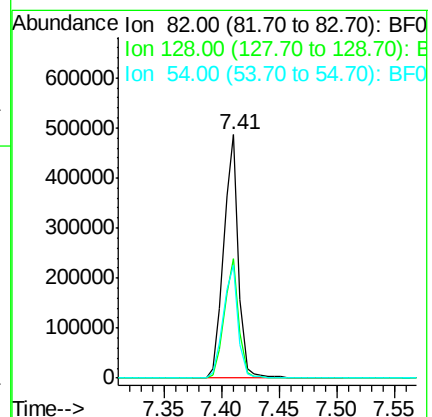
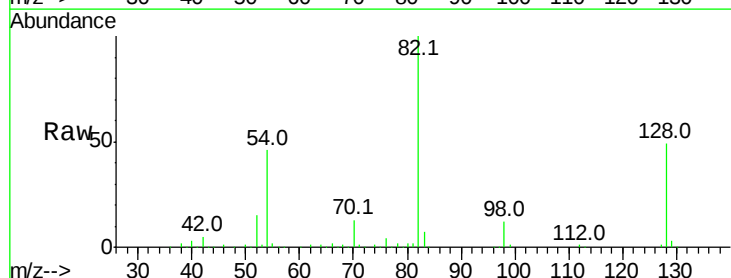
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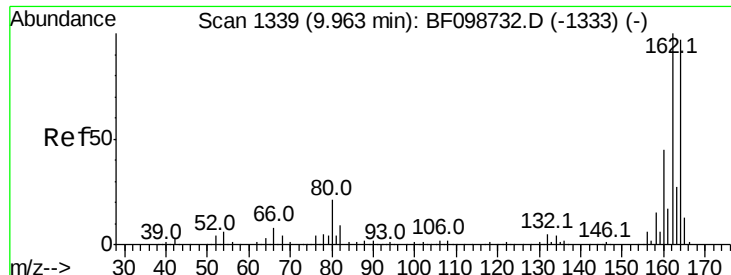
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#23
Nitrobenzene-d5
Concen: 68.977 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	36.1	54.1	
54	46.3	41.4	62.2	





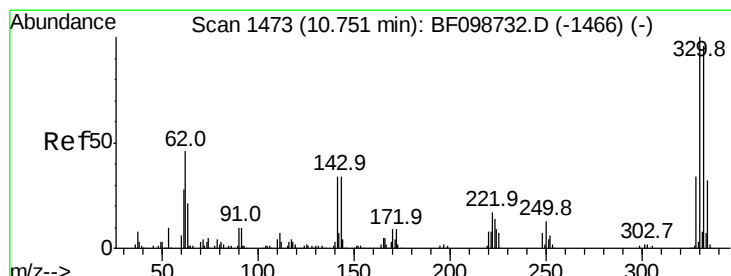
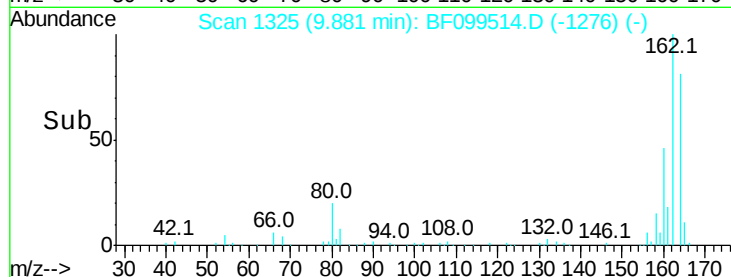
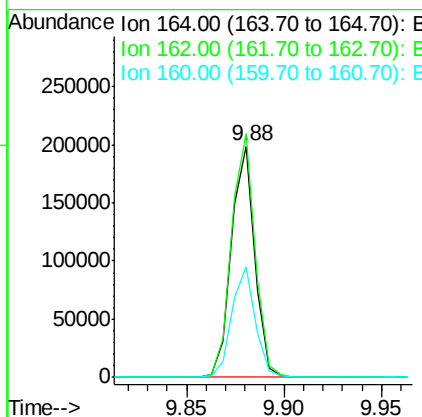
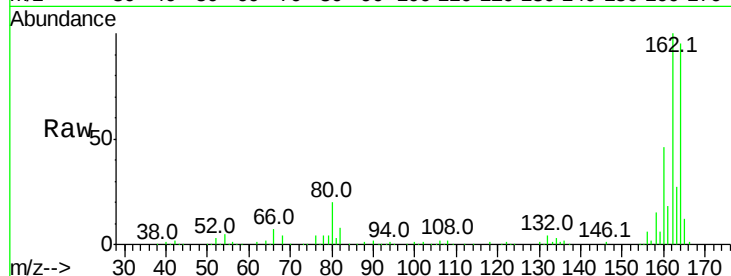
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	164869		
162	105.3	86.1	129.1	
160	48.1	38.3	57.5	

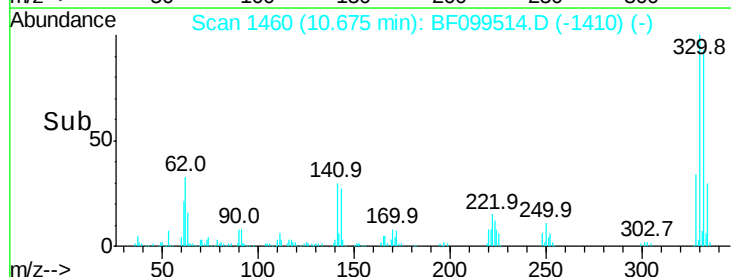
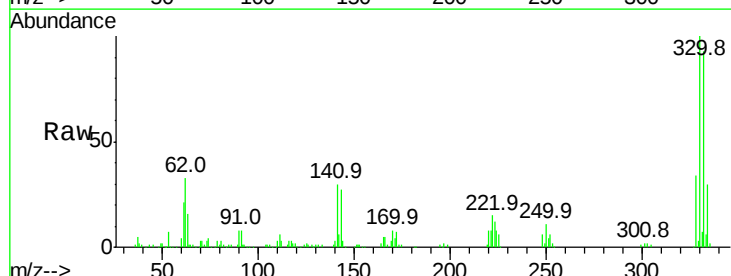
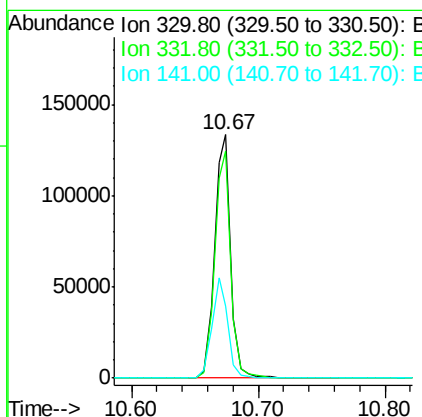
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#41
2,4,6-Tribromophenol
Concen: 88.650 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	119595		
332	93.9	77.0	115.6	
141	40.3	29.9	44.9	





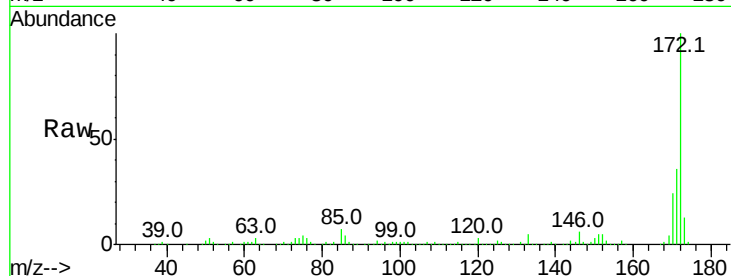
#44
2-Fluorobiphenyl
Concen: 73.711 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

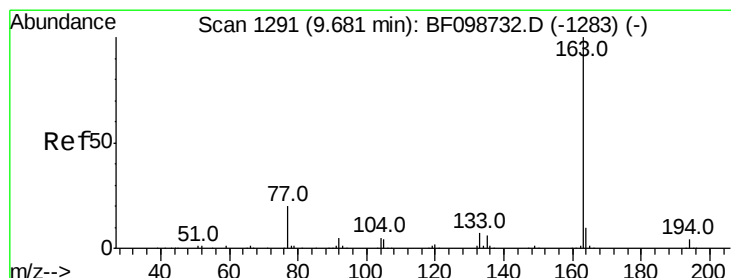
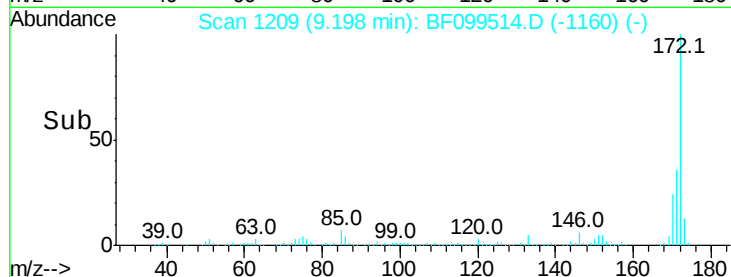
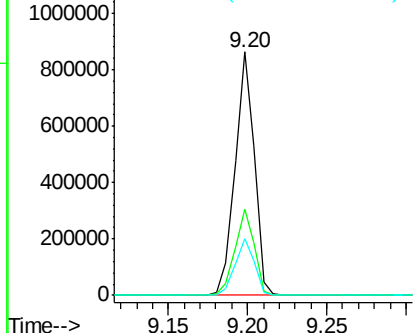
Tot Ion	Ratio	Resp	Lower	Upper
172	100	727963		
171	35.5		29.7	44.5
170	23.6		19.6	29.4

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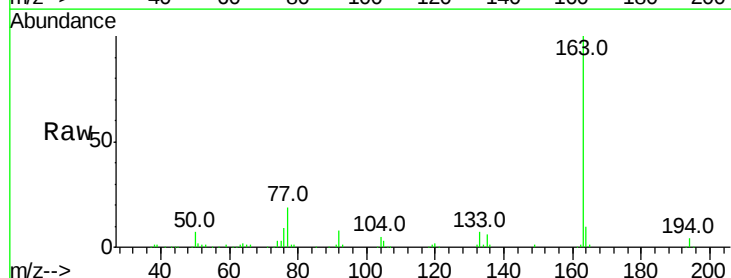


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

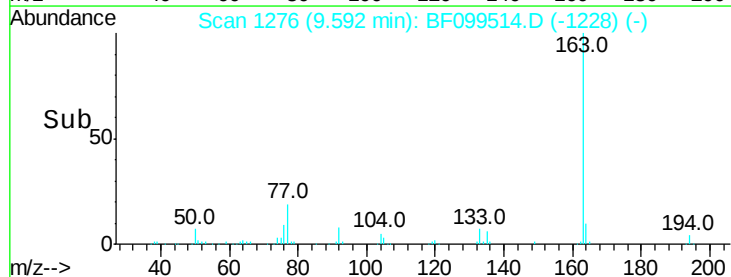
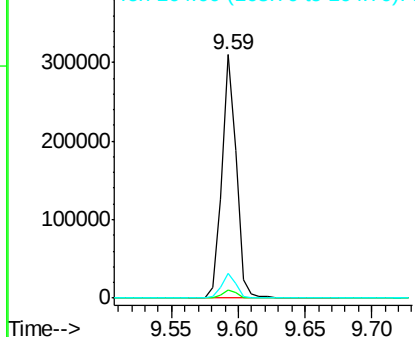


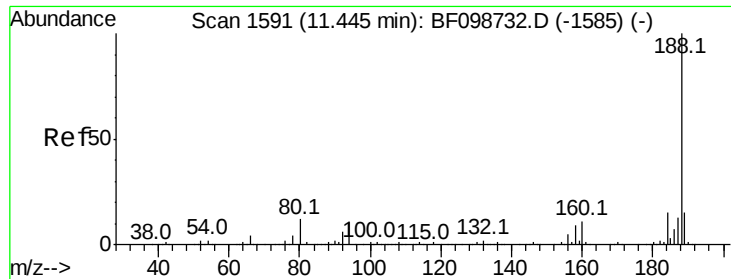
#49
Dimethylphthalate
Concen: 19.192 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	238815		
194	3.5		2.7	4.1
164	10.2		8.2	12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Instrument :

BNA_F

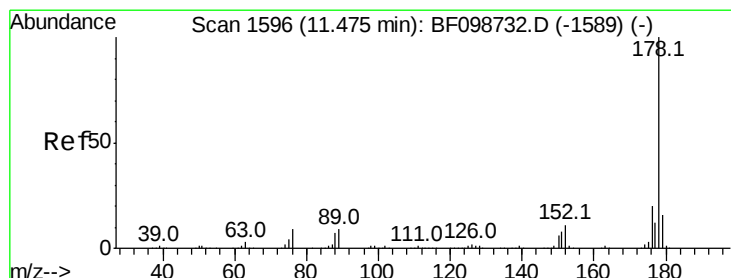
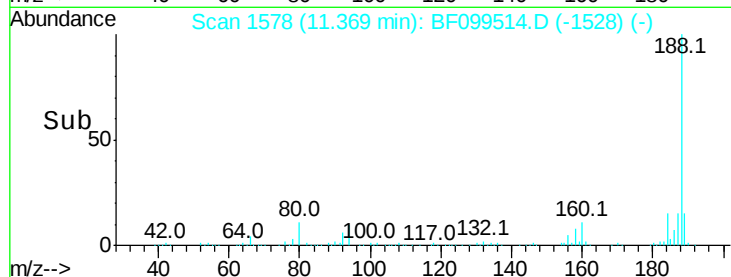
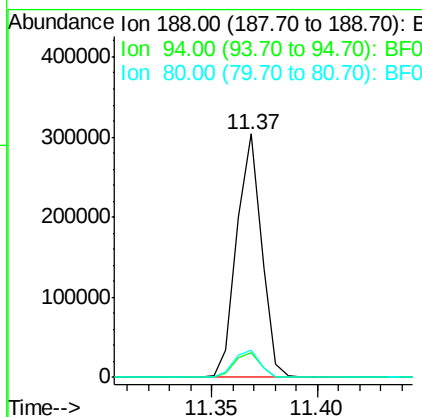
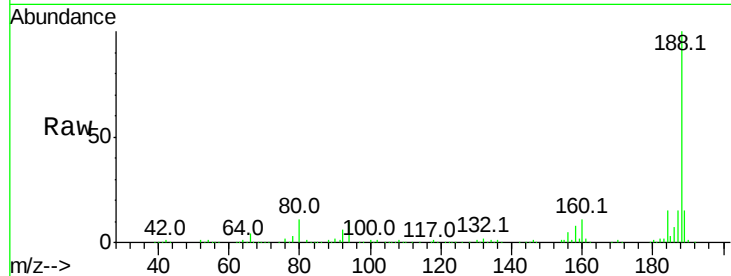
ClientSampleId :

ENV-118-7(5-10)

Tot Ion:	188	Resp:	246272
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

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#70

Phenanthrene

Concen: 2.434 ng

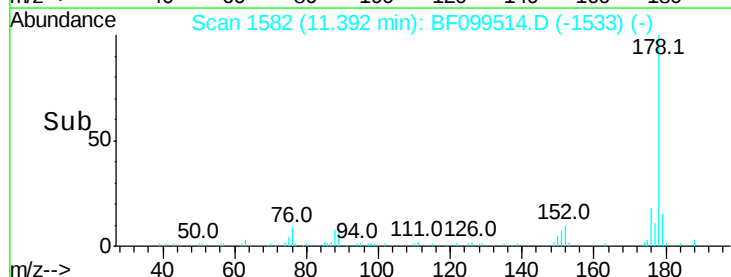
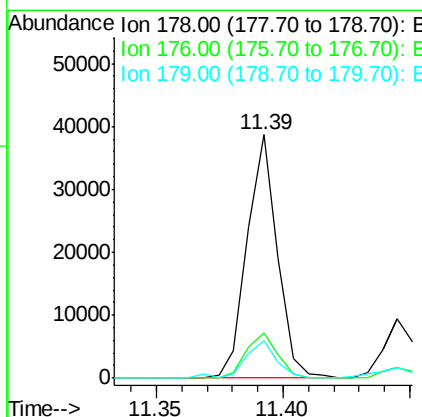
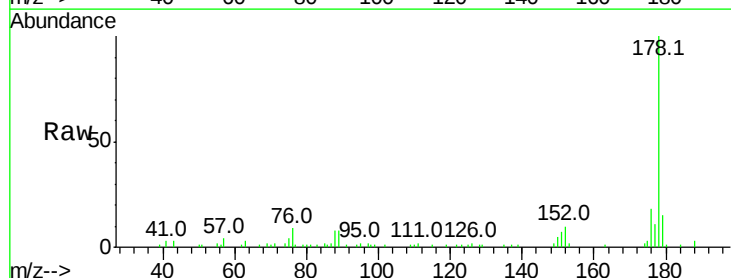
RT: 11.39 min Scan# 1582

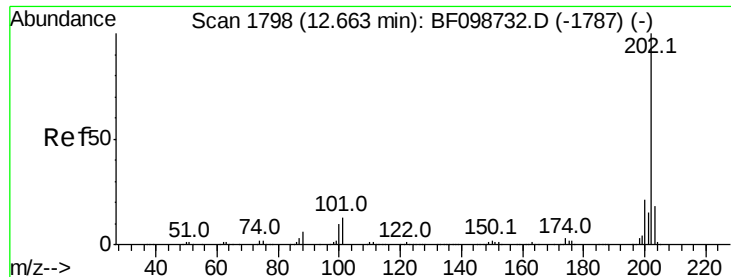
Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Tgt Ion:	178	Resp:	32083
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.8	23.8
179	15.3	13.0	19.6





#74

Fluoranthene

Concen: 4.413 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Instrument :

BNA_F

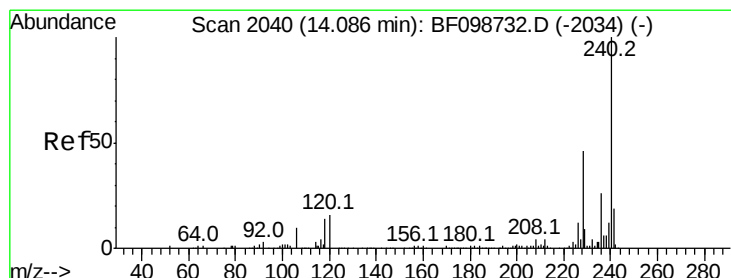
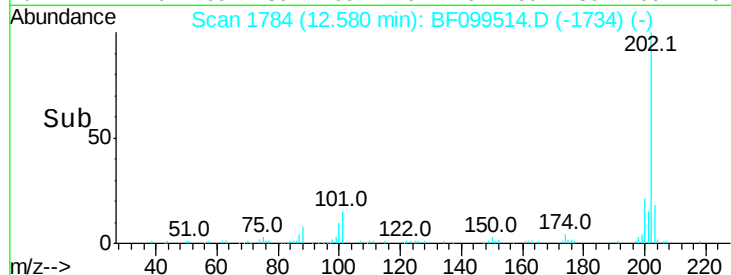
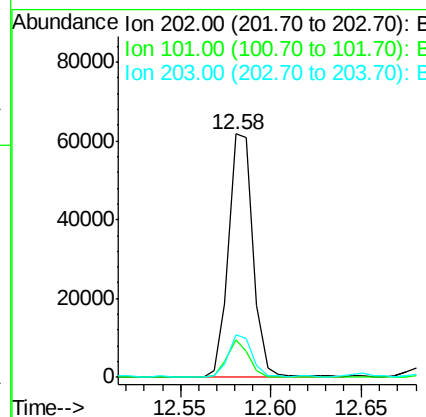
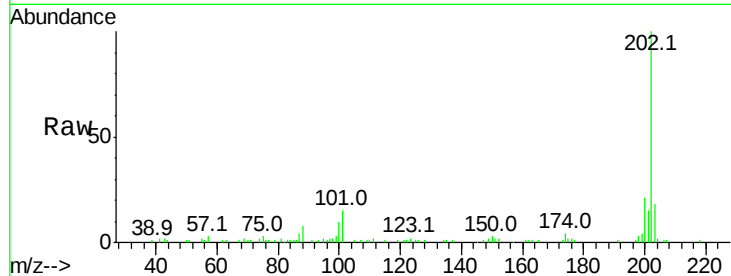
ClientSampleId :

ENV-118-7(5-10)

Tot Ion:	202	Resp:	58903
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	34.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

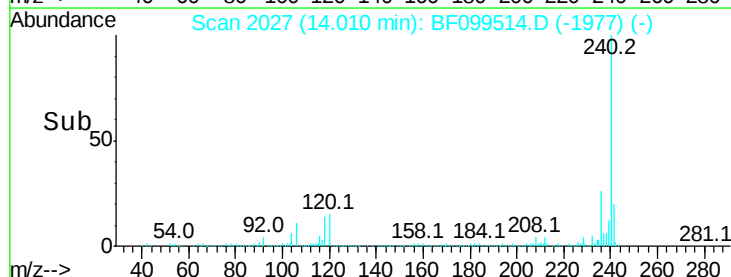
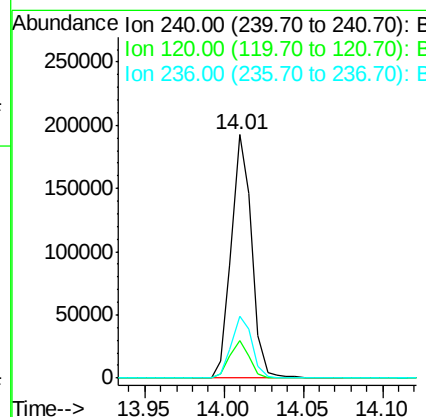
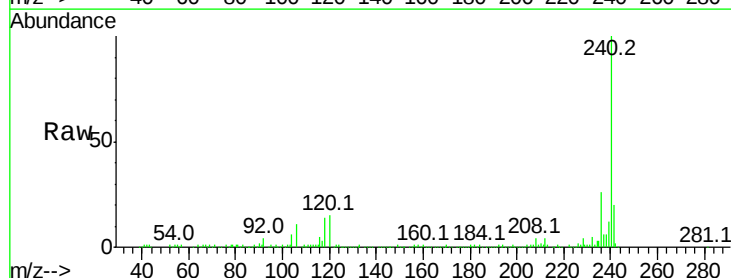
RT: 14.01 min Scan# 2027

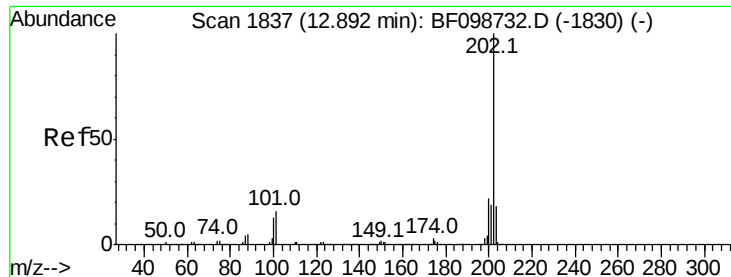
Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Tgt Ion:	240	Resp:	172237
Ion Ratio	Lower	Upper	
240	100		
120	15.4	9.5	14.3#
236	25.6	20.7	31.1





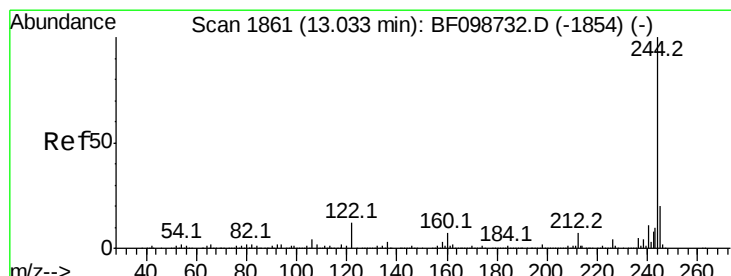
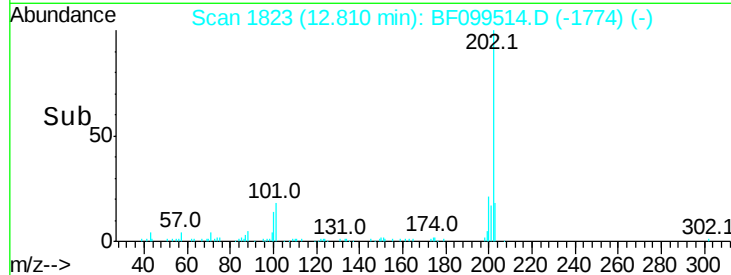
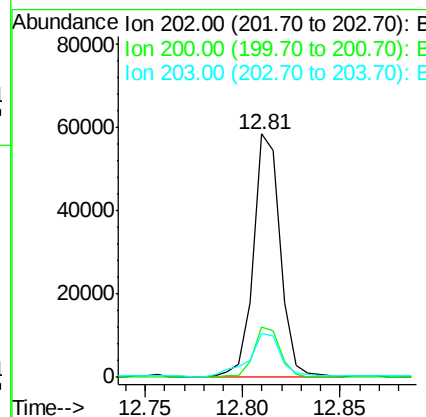
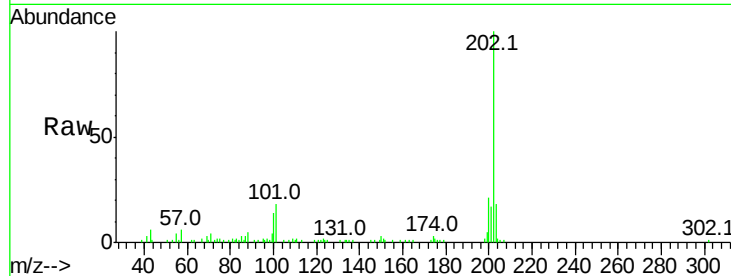
#77
Pvrene
Concen: 4.245 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.2	14.3	21.5

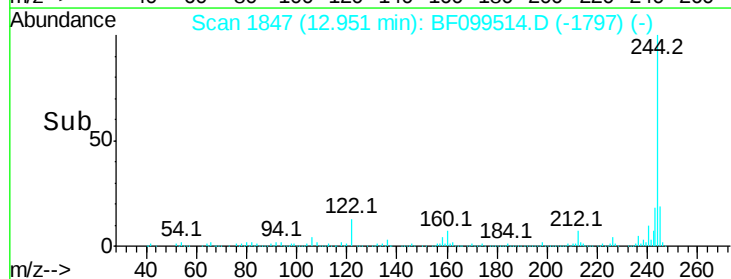
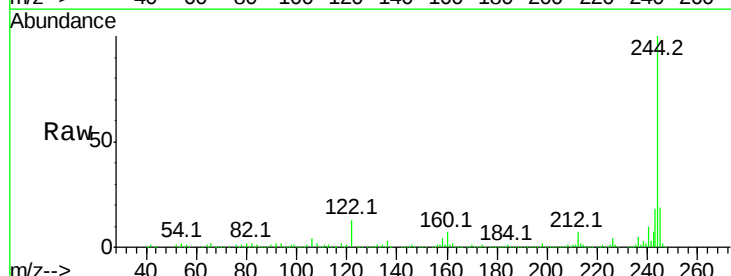
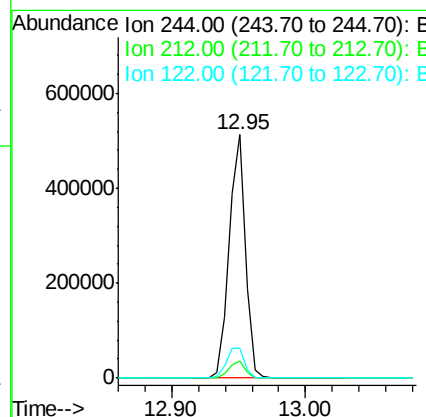
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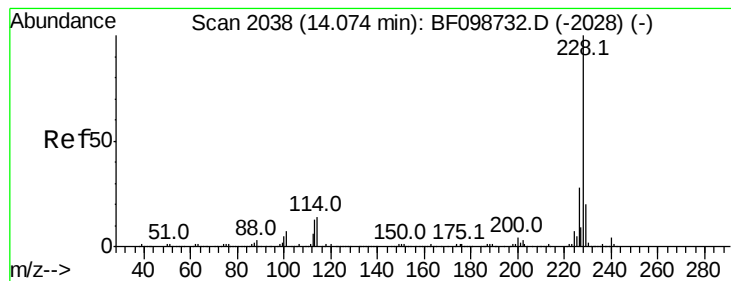
Sohil
10/16/2017 7:45:28 PM



#78
Terphenyl-d14
Concen: 58.456 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4





#80

Benzo(a)anthracene

Concen: 2.560 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Instrument :

BNA_F

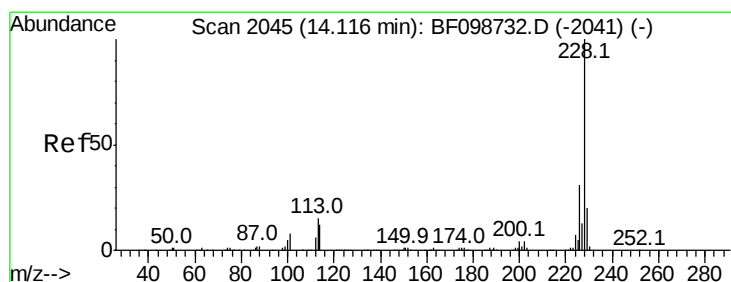
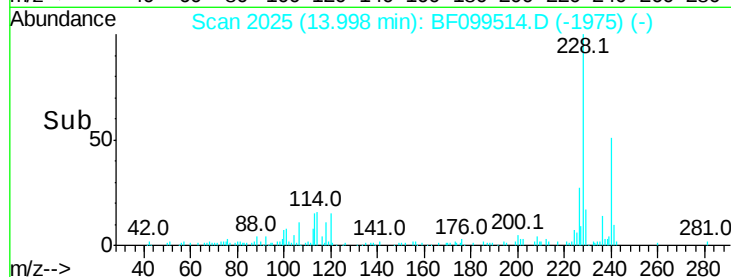
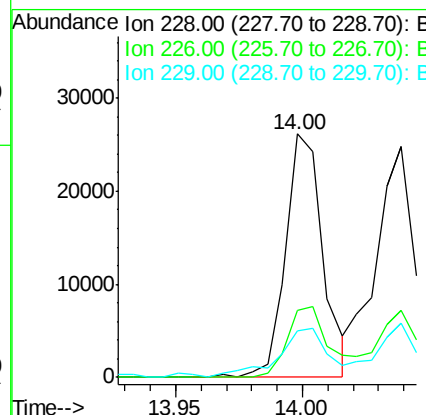
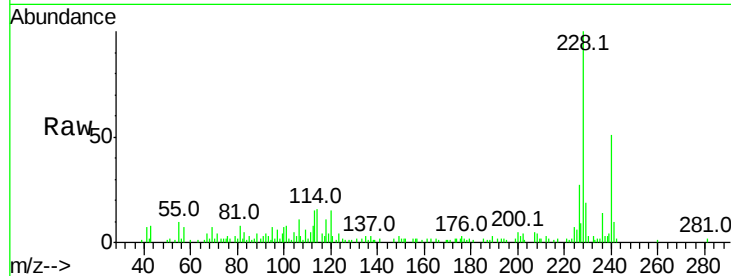
ClientSampleId :

ENV-118-7(5-10)

Tot Ion:	228	Resp:	26704
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	18.9	15.8	23.6

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#82

Chrysene

Concen: 2.689 ng

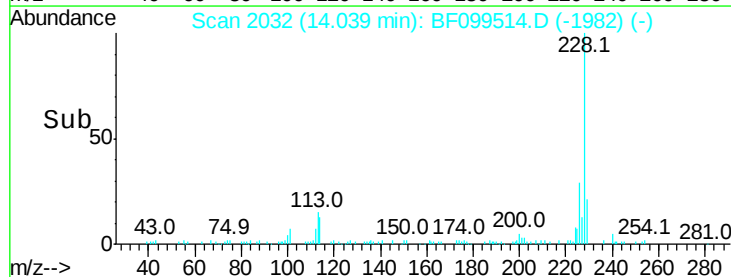
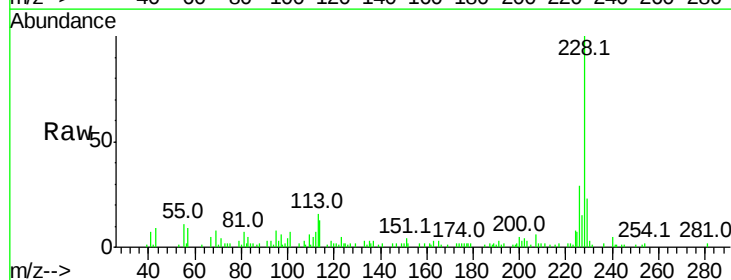
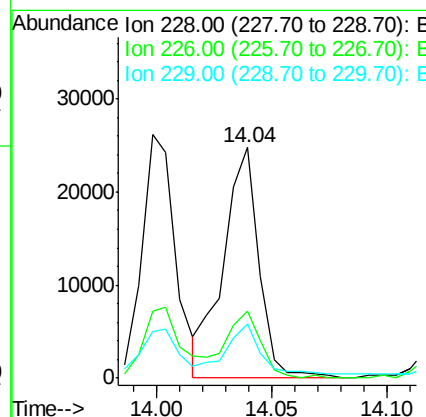
RT: 14.04 min Scan# 2032

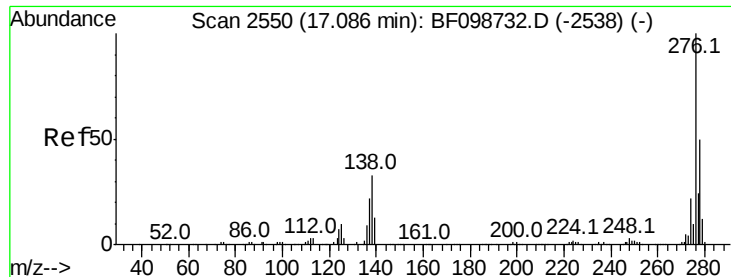
Delta R.T. -0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Tgt Ion:	228	Resp:	26701
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	23.3	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.121 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Instrument :

BNA_F

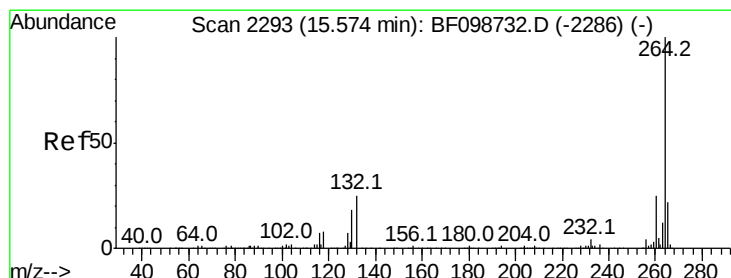
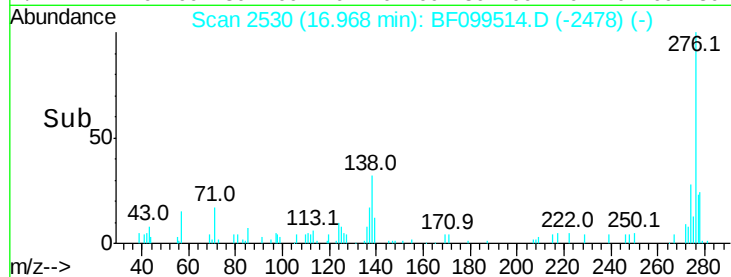
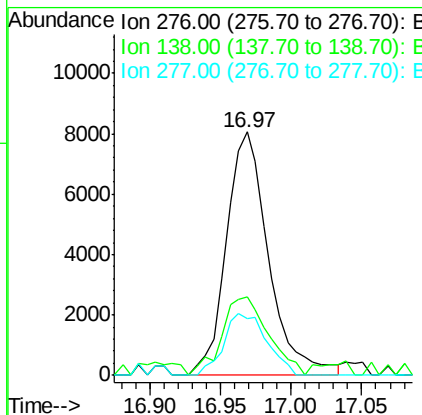
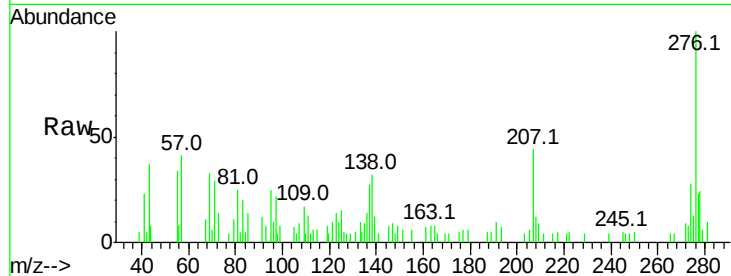
ClientSampleId :

ENV-118-7(5-10)

Tot Ion:	276	Resp:	16850
Ion Ratio	Lower	Upper	
276	100		
138	35.5	25.0	37.6
277	25.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

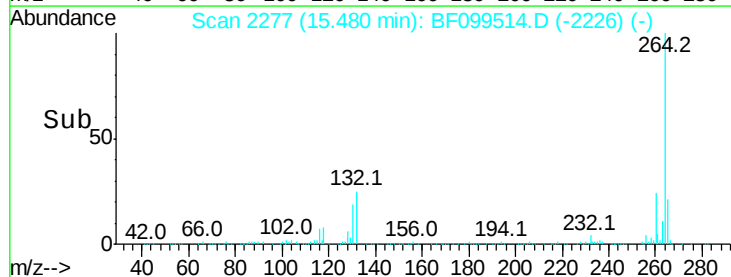
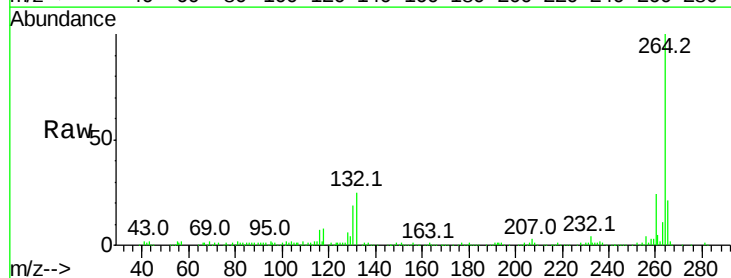
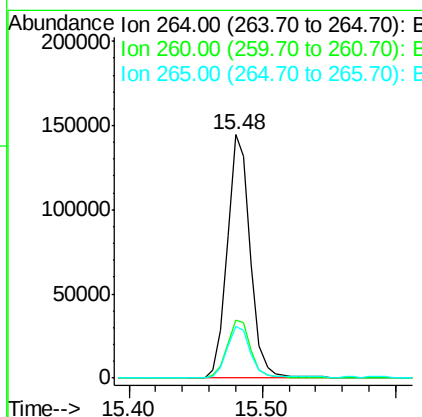
RT: 15.48 min Scan# 2277

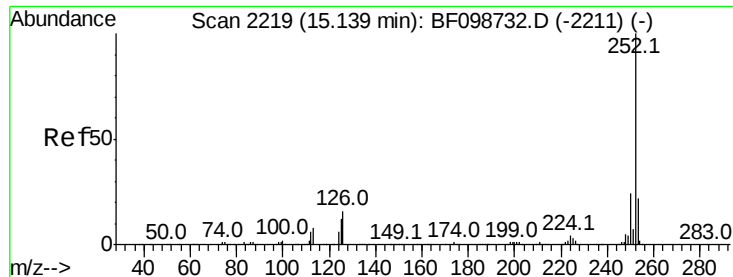
Delta R.T. 0.00 min

Lab File: BF099514.D

Acq: 15 Oct 2017 15:26

Tgt Ion:	264	Resp:	175584
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3





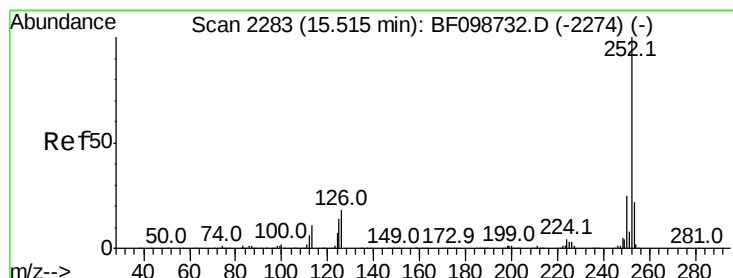
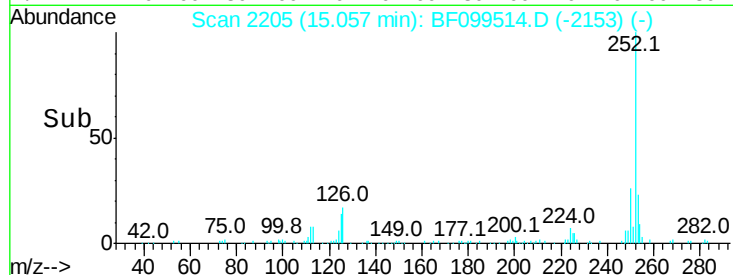
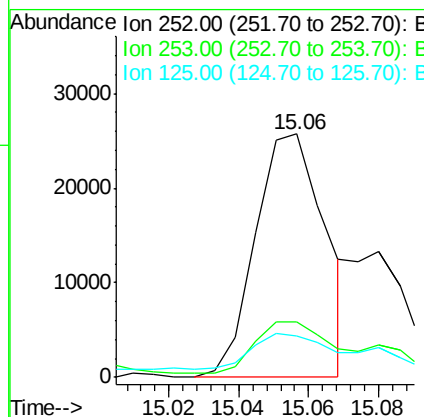
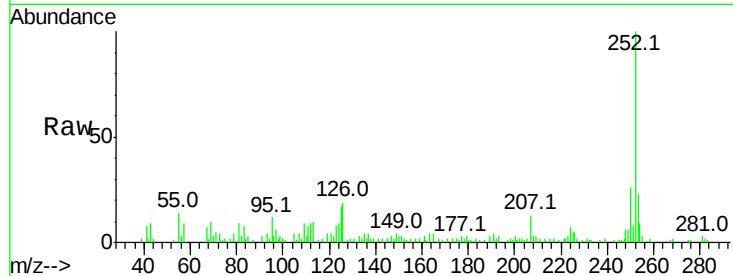
#87
Benzo(b)fluoranthene
Concen: 3.330 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	16.8	9.0	13.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.752 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	17.8	9.8	14.6

