

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102593.D
 Acq On : 29 Jan 2018 13:14
 Operator : SJ/JU
 Sample : J1290-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

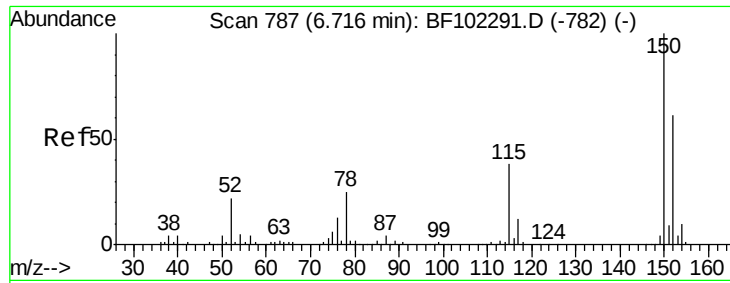
Manual Integrations
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Quant Time: Jan 30 00:52:26 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	122126	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	486841	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	198402	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	253724	20.00	ng	0.00
75) Chrysene-d12	13.88	240	231141	20.00	ng	0.00
86) Perylene-d12	15.32	264	167046	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	229923	28.55	ng	0.00
7) Phenol-d6	6.36	99	287656	29.62	ng	0.00
23) Nitrobenzene-d5	7.28	82	169184	19.97	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	32380	16.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	315083	23.35	ng	0.00
78) Terphenyl-d14	12.82	244	204964	19.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	40446	2.466	ng	99
70) Phenanthrene	11.26	178	108592	7.345	ng	97
71) Anthracene	11.32	178	31326	2.076	ng	98
74) Fluoranthene	12.45	202	148819	9.870	ng	98
77) Pyrene	12.68	202	148249	8.296	ng	99
80) Benzo(a)anthracene	13.87	228	75197	5.284	ng	# 92
82) Chrysene	13.90	228	76257	5.277	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.74	276	27476	2.302	ng	# 91
87) Benzo(b)fluoranthene	14.91	252	81555m	7.533	ng	
88) Benzo(k)fluoranthene	14.93	252	28709m	2.807	ng	
89) Benzo(a)pyrene	15.26	252	49694	5.089	ng	# 62
91) Benzo(g,h,i)perylene	17.17	276	27813	3.561	ng	# 73

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



#1

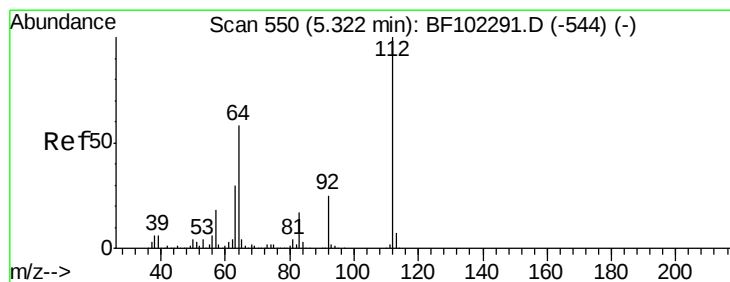
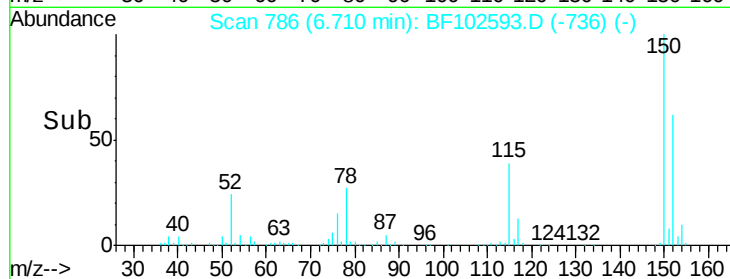
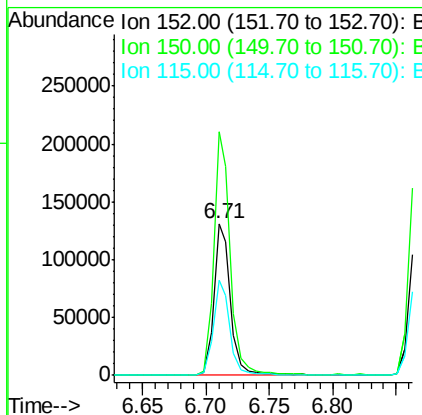
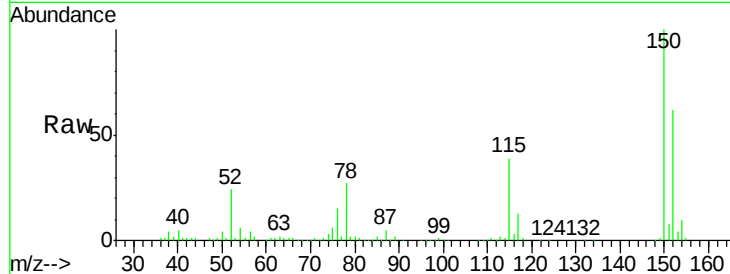
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	63.1	50.1	75.1

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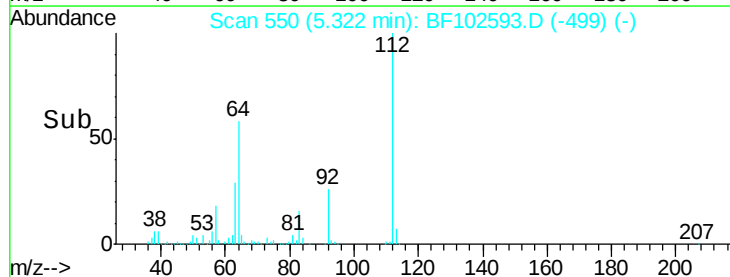
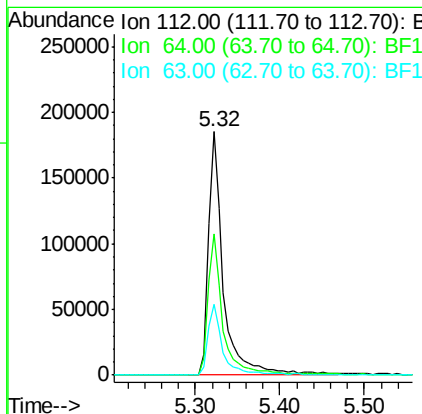
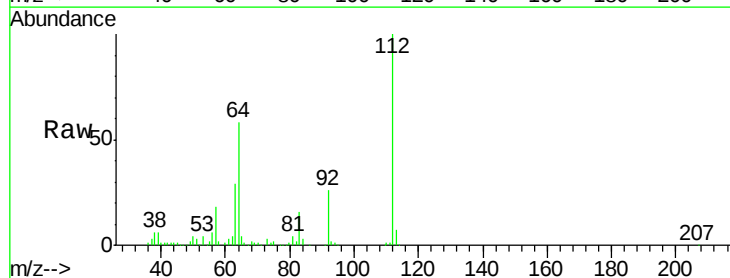
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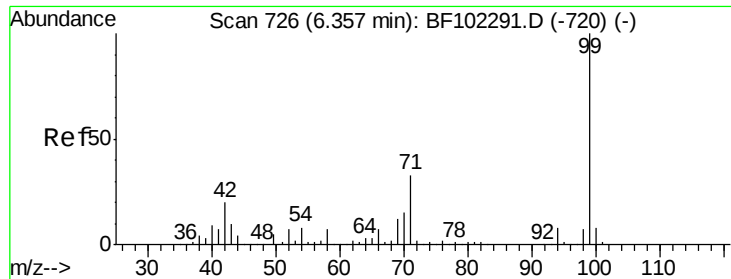


#5

2-Fluorophenol
Concen: 28.546 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 29.624 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Instrument :

BNA_F

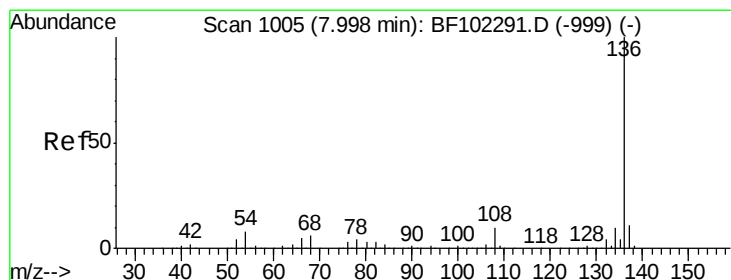
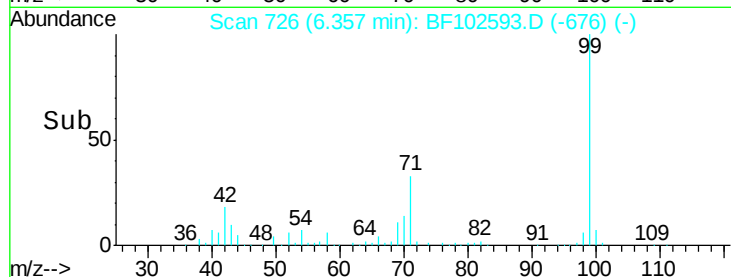
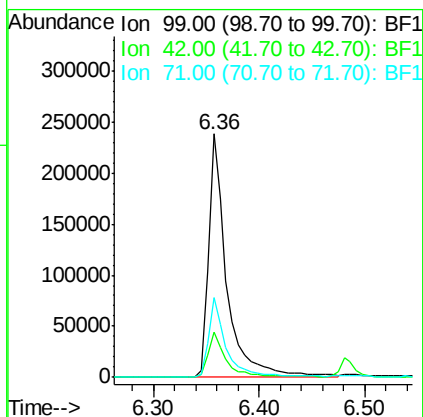
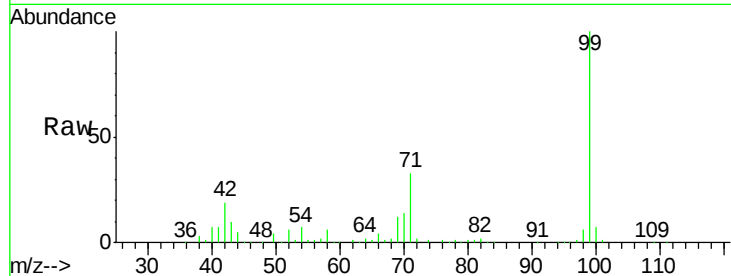
ClientSampleId :

SB-50-9.5-10.0

Tgt Ion:	99	Resp:	287656
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	32.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

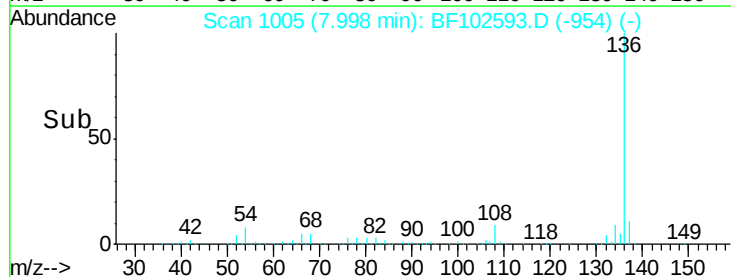
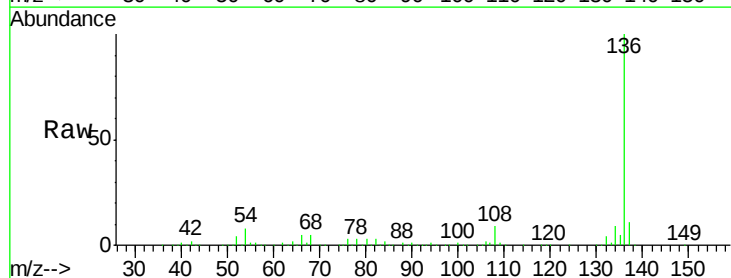
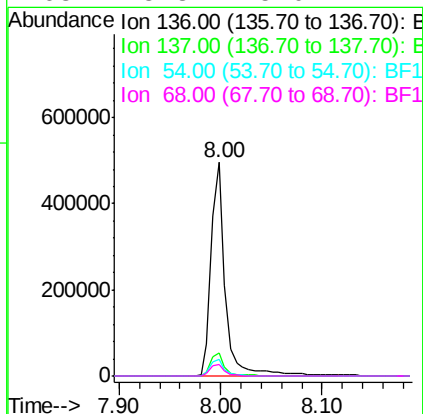
RT: 8.00 min Scan# 1005

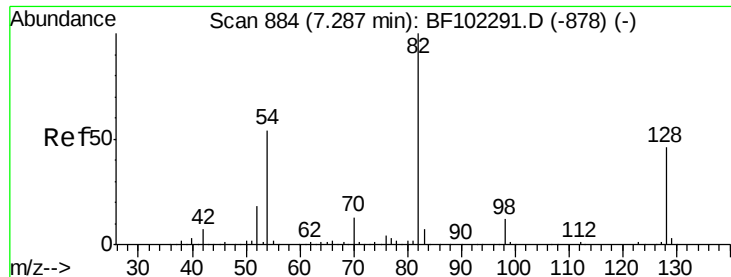
Delta R.T. -0.00 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Tgt Ion:	136	Resp:	486841
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	5.3	5.0	7.4





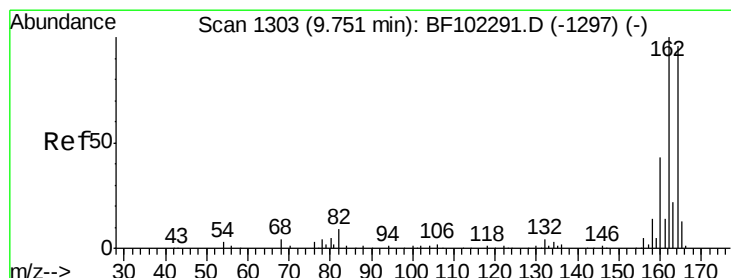
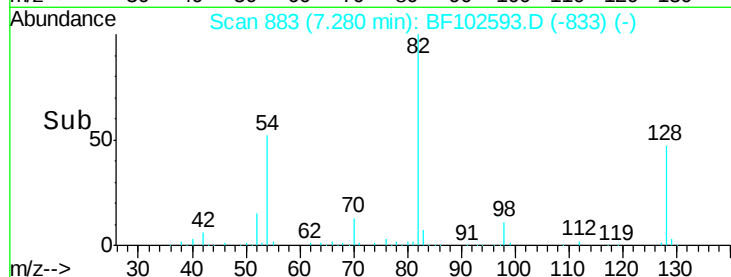
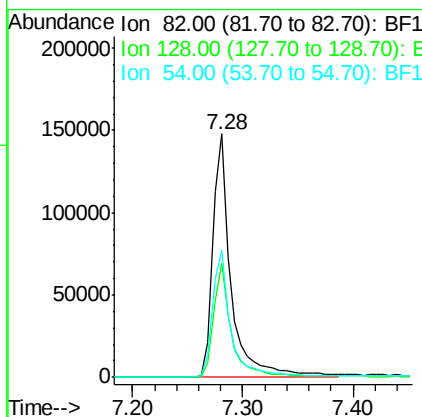
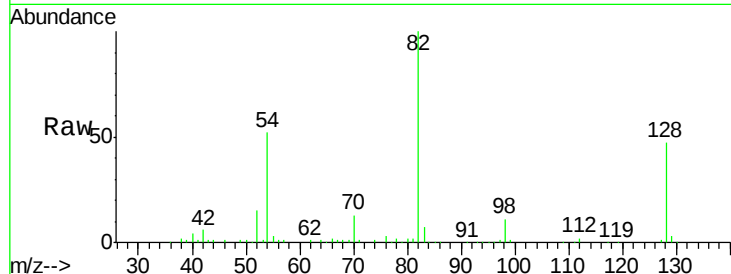
#23
Nitrobenzene-d5
Concen: 19.971 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	169184		
128	47.0	36.1	54.1	
54	52.2	41.4	62.2	

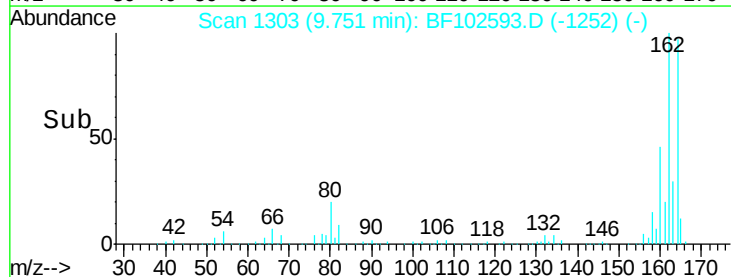
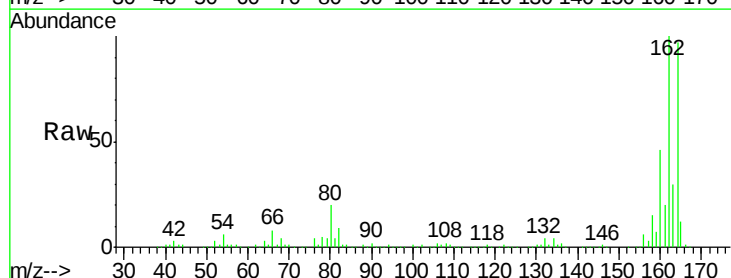
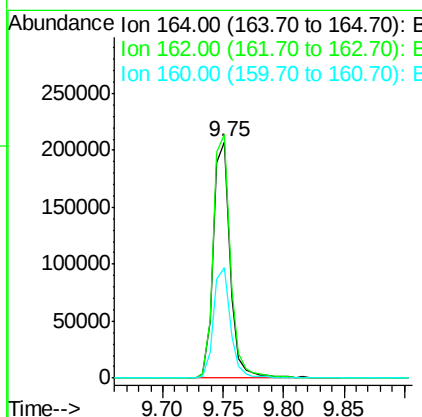
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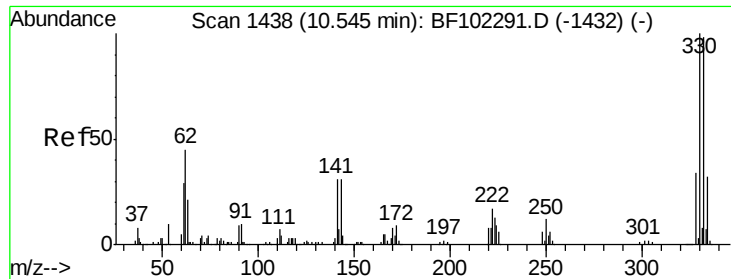
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198402		
162	103.1	86.1	129.1	
160	47.1	38.3	57.5	





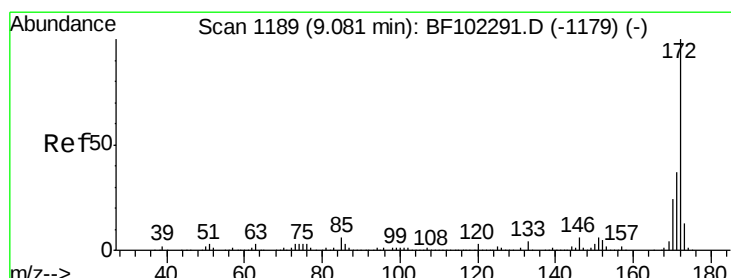
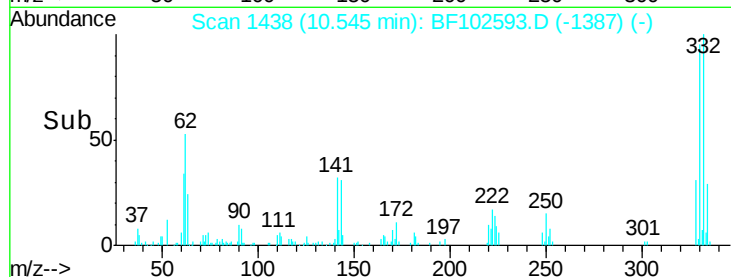
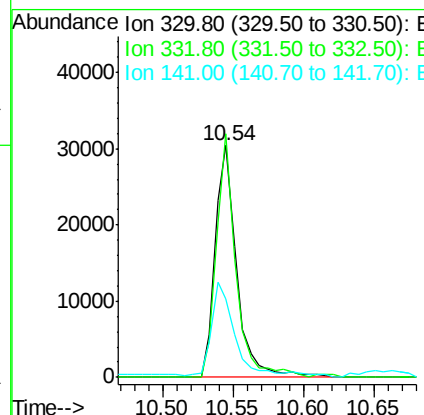
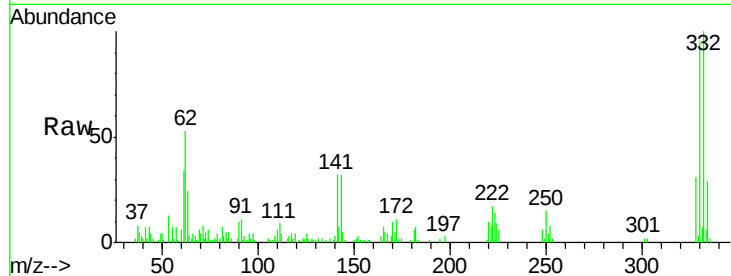
#41
 2,4,6-Tribromophenol
 Concen: 16.471 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102593.D
 Acq: 29 Jan 2018 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-9.5-10.0

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	32380		
332	94.4	77.0	115.6	
141	40.2	29.9	44.9	

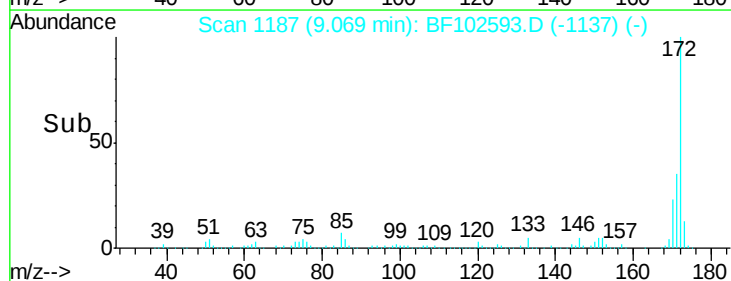
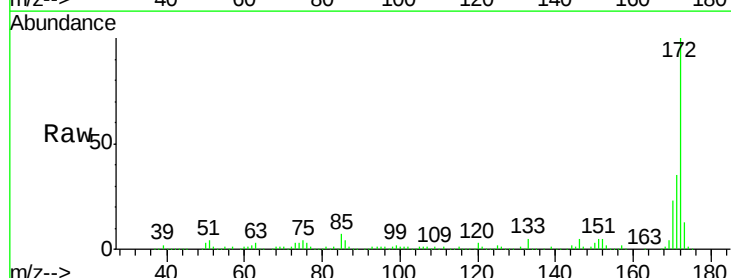
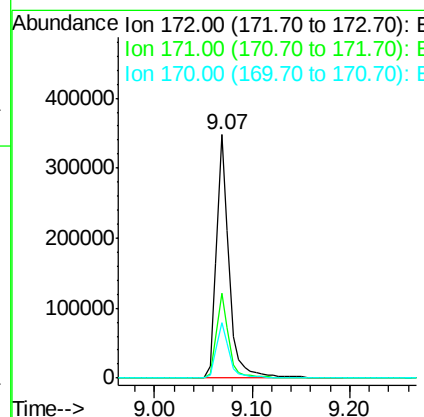
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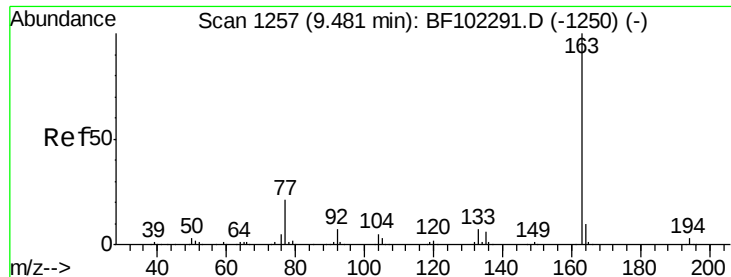
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#44
 2-Fluorobiphenyl
 Concen: 23.351 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102593.D
 Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	315083		
171	35.0	29.7	44.5	
170	22.9	19.6	29.4	





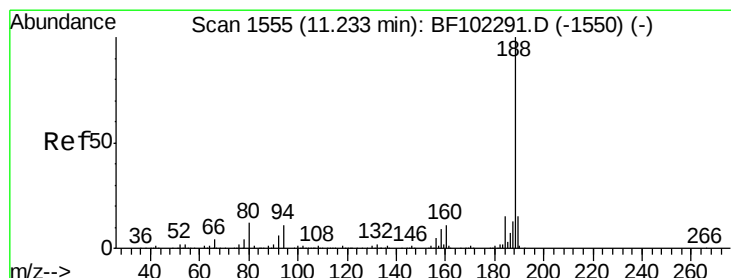
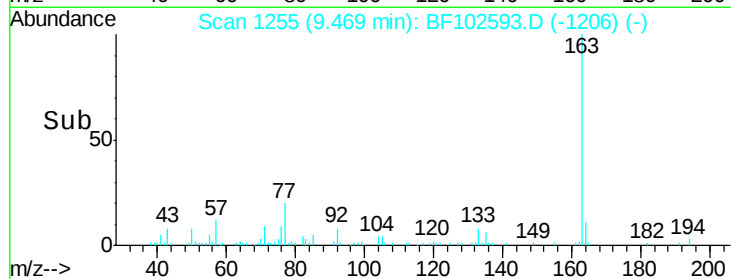
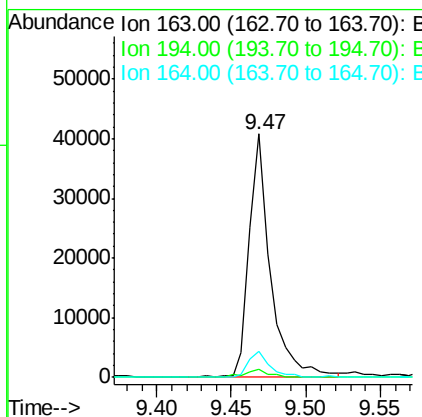
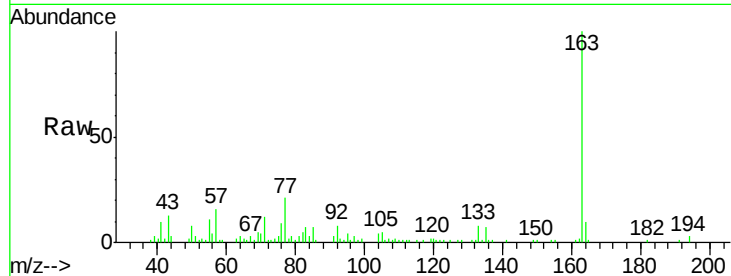
#49
Dimethylphthalate
Concen: 2.466 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	40446		
194	3.3		2.7	4.1
164	10.5		8.2	12.2

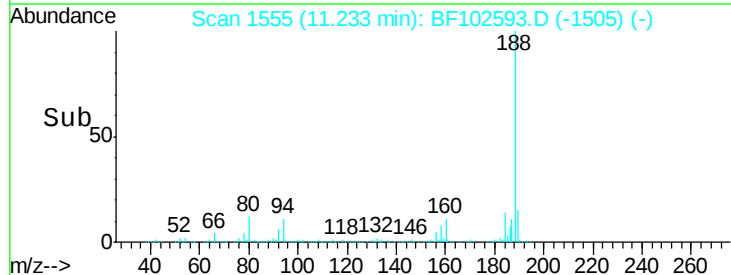
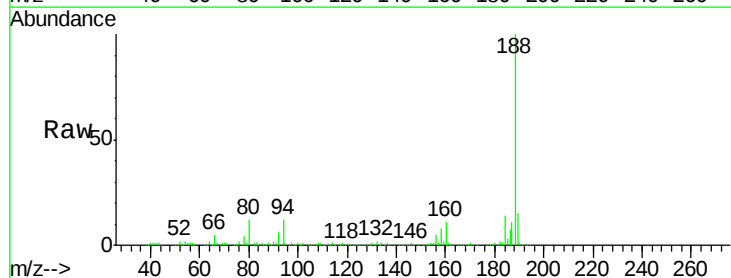
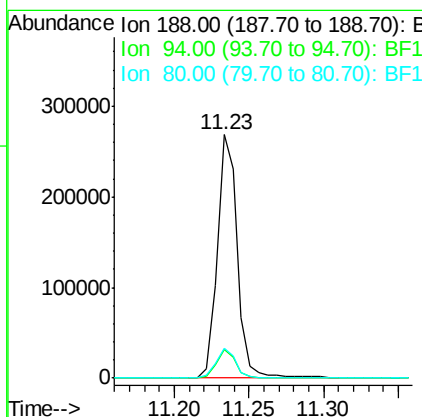
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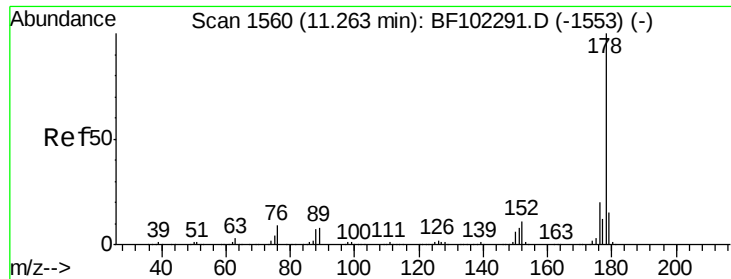
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	253724		
94	11.6		8.5	12.7
80	12.3		9.2	13.8





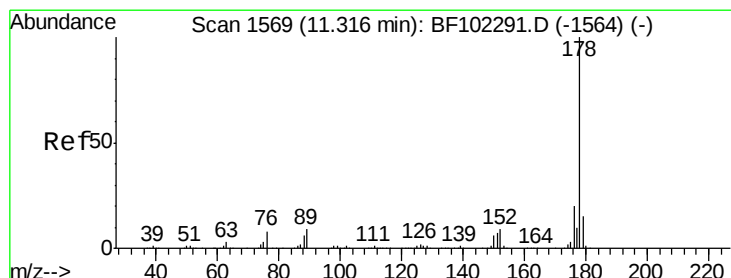
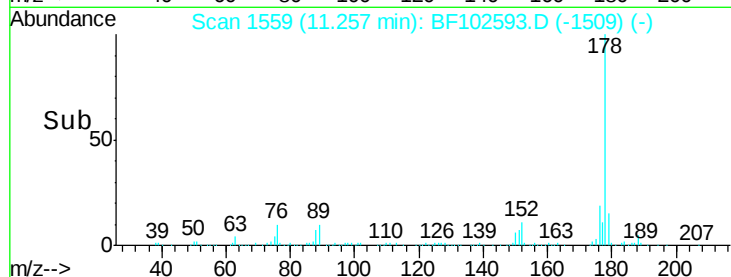
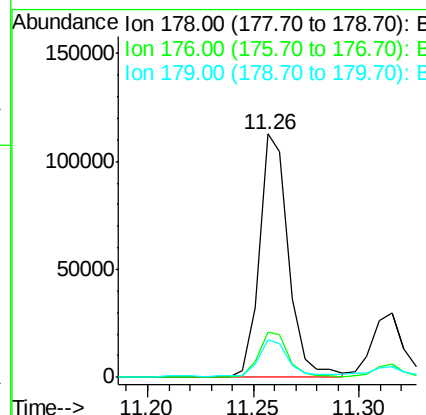
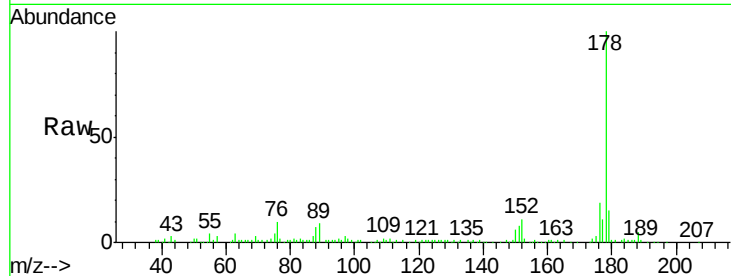
#70
Phenanthrene
Concen: 7.345 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	108592		
176	18.5		15.8	23.8
179	15.2		13.0	19.6

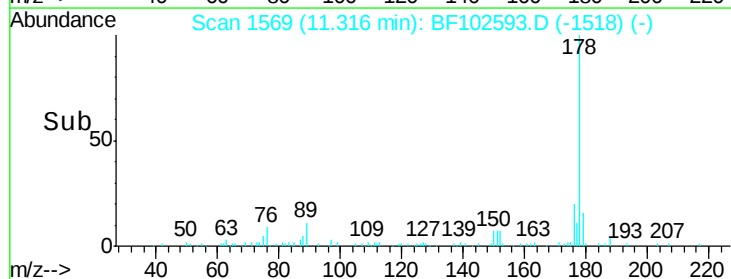
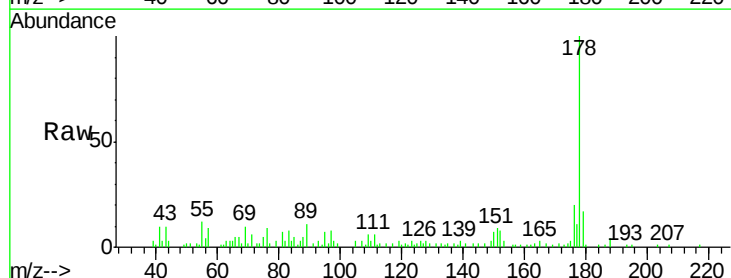
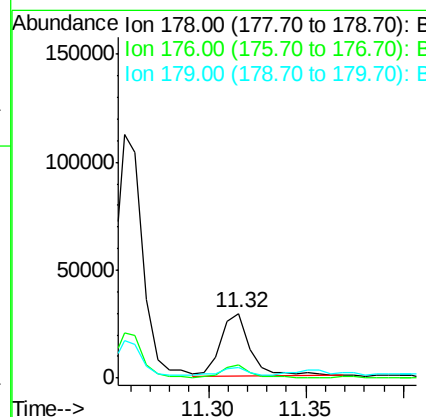
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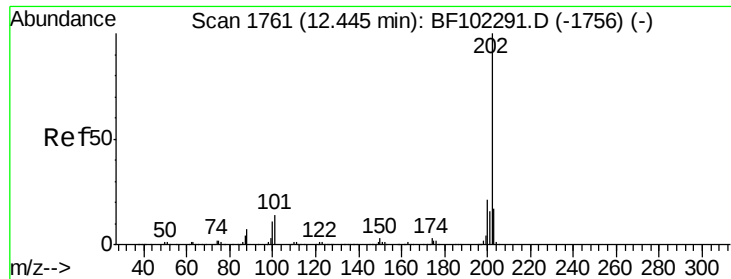
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#71
Anthracene
Concen: 2.076 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31326		
176	20.1		15.4	23.2
179	16.7		12.6	19.0





#74

Fluoranthene

Concen: 9.870 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Instrument :

BNA_F

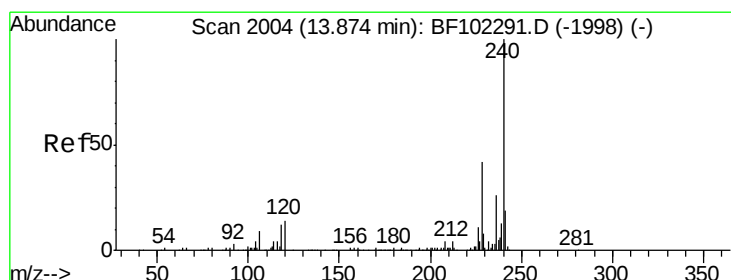
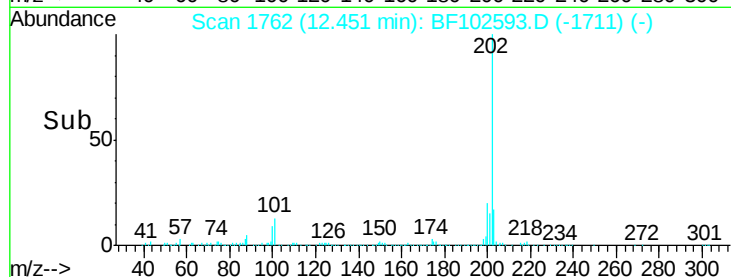
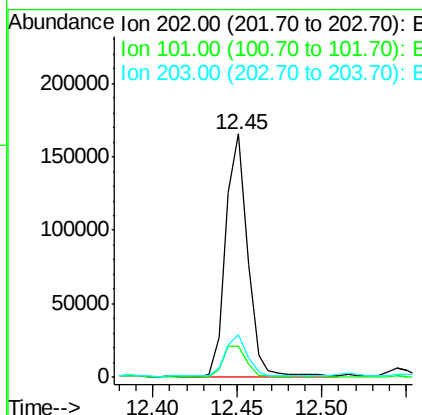
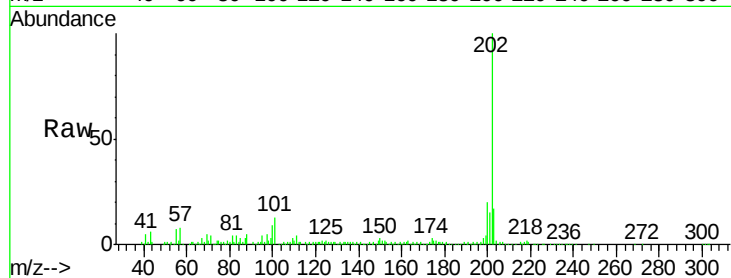
ClientSampleId :

SB-50-9.5-10.0

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		148819		
101	12.7	0.0	34.1		
203	17.5	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

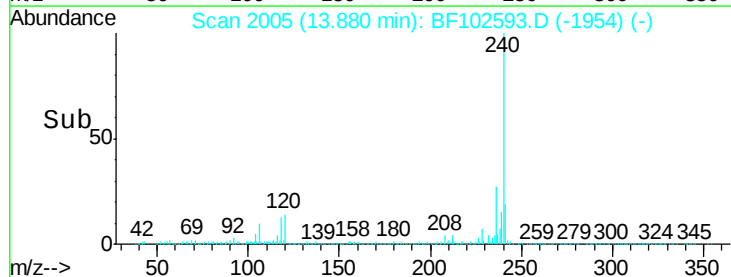
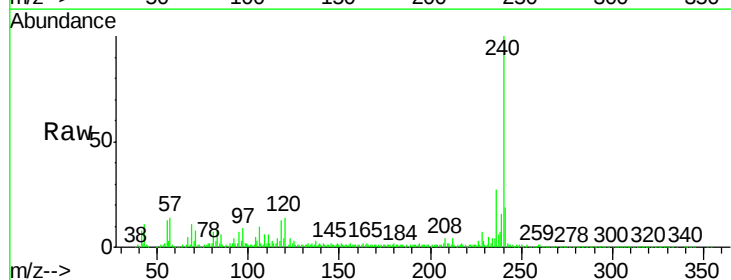
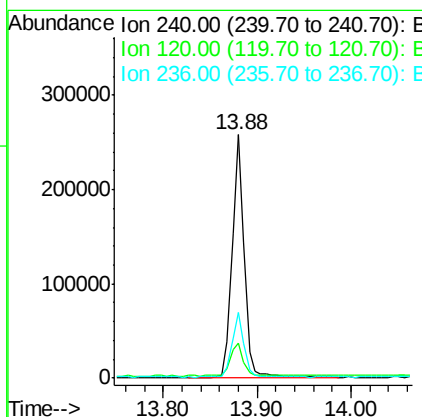
RT: 13.88 min Scan# 2005

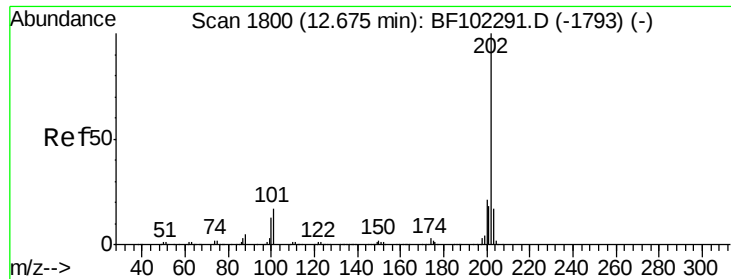
Delta R.T. -0.00 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		231141		
120	14.5	9.5	14.3#		
236	27.2	20.7	31.1		





#77

Pyrene

Concen: 8.296 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Instrument :

BNA_F

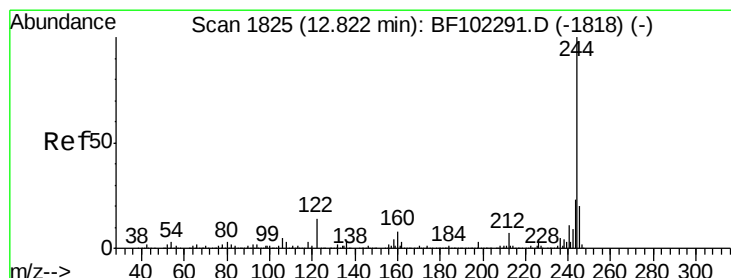
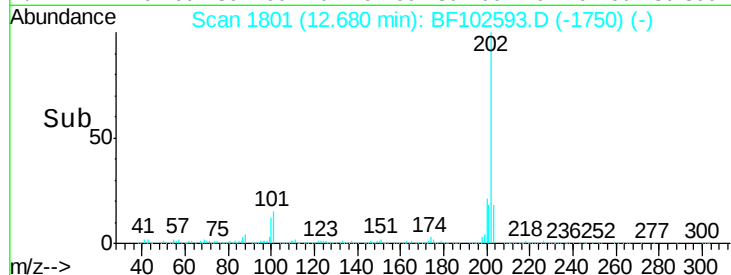
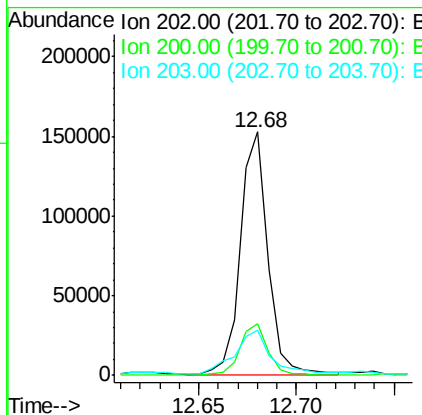
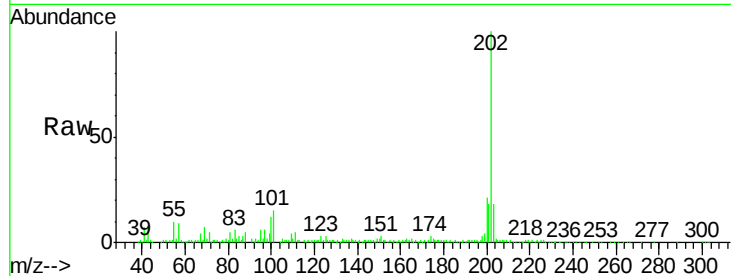
ClientSampleId :

SB-50-9.5-10.0

Tgt Ion:	202	Resp:	148249
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 19.991 ng

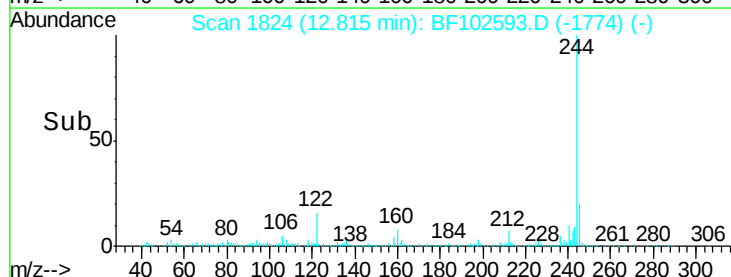
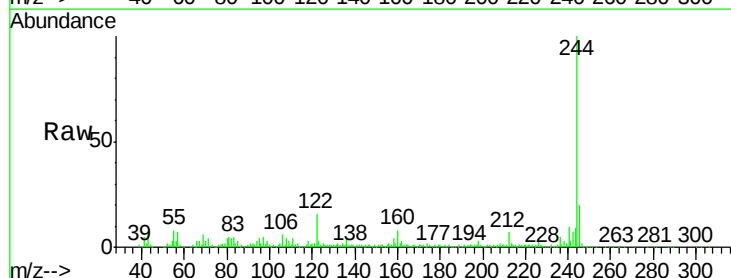
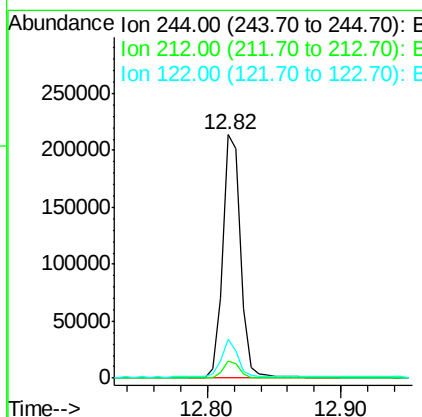
RT: 12.82 min Scan# 1824

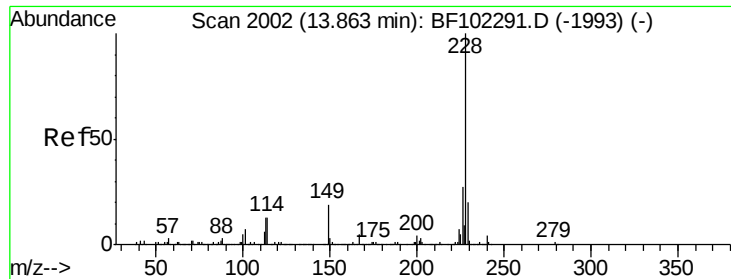
Delta R.T. -0.01 min

Lab File: BF102593.D

Acq: 29 Jan 2018 13:14

Tgt Ion:	244	Resp:	204964
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	16.0	11.0	16.4





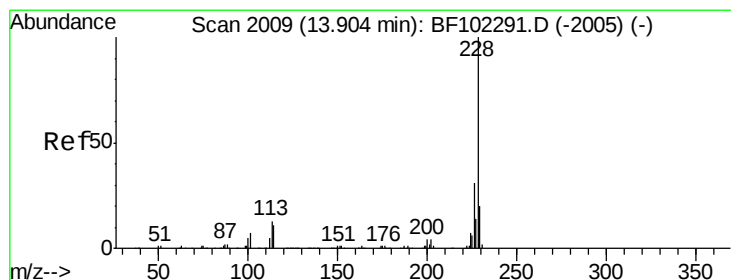
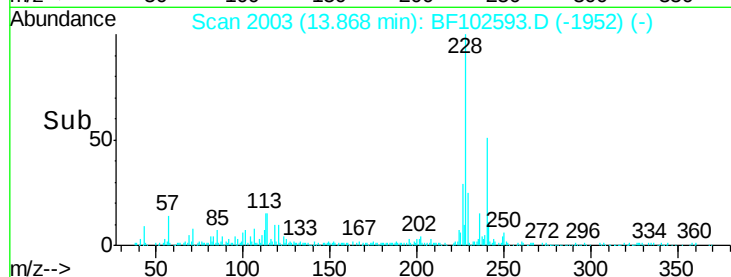
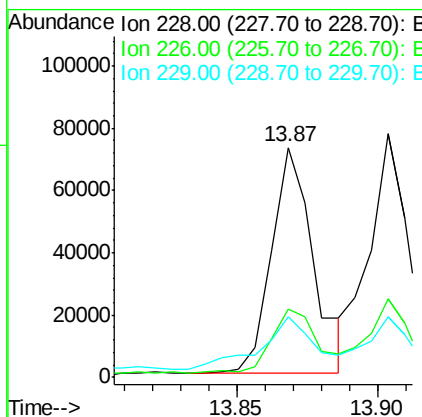
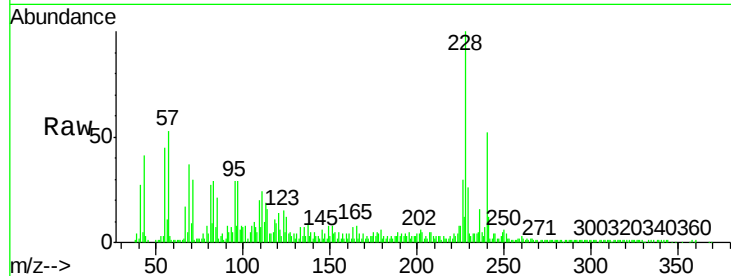
#80
Benzo(a)anthracene
Concen: 5.284 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	26.5	15.8	23.6

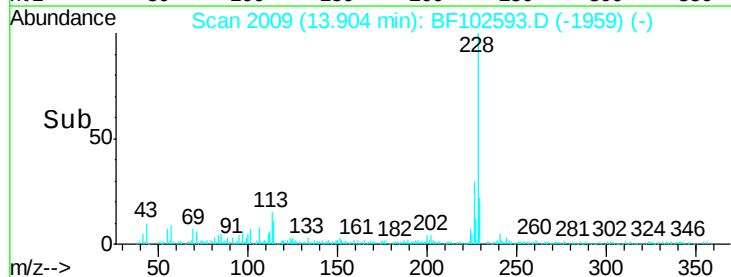
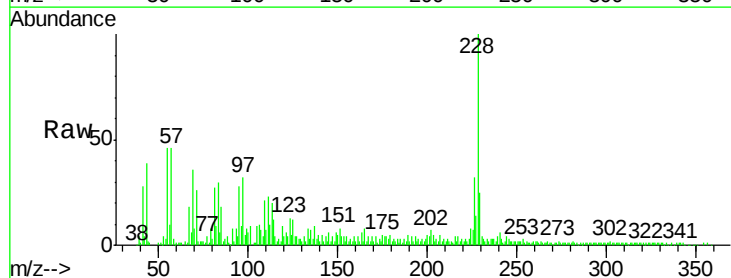
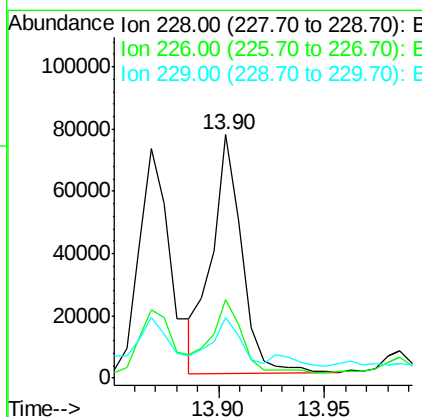
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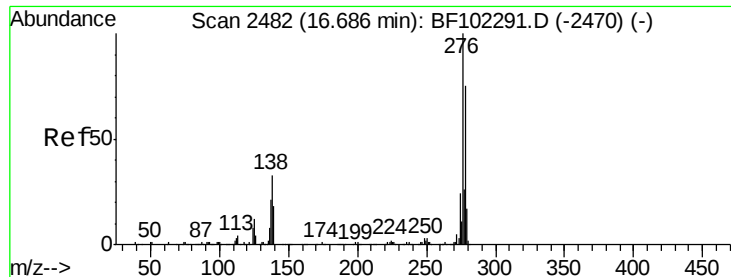
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#82
Chrysene
Concen: 5.277 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	24.7	16.2	24.4





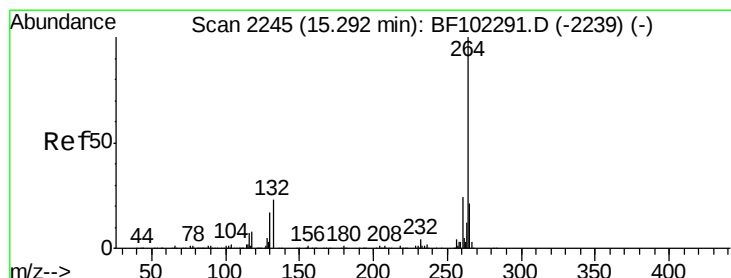
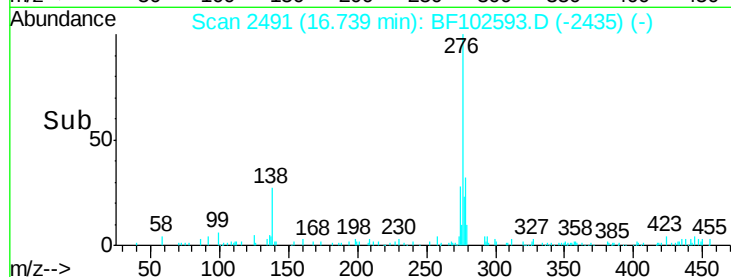
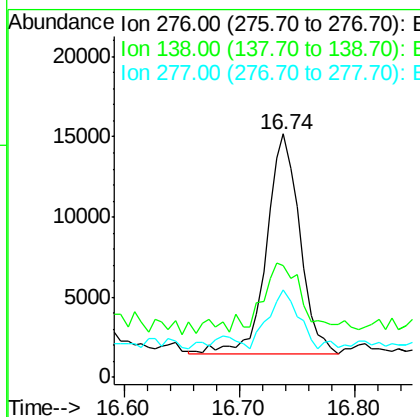
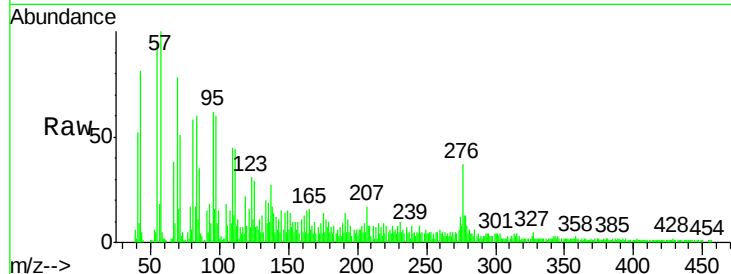
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.302 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.03 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.2	25.0	37.6#
277	24.2	20.1	30.1

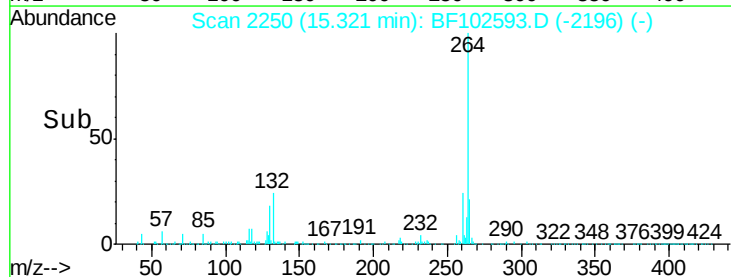
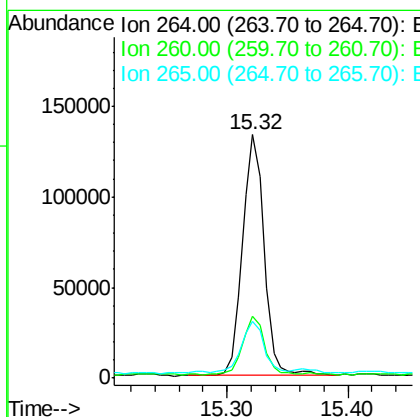
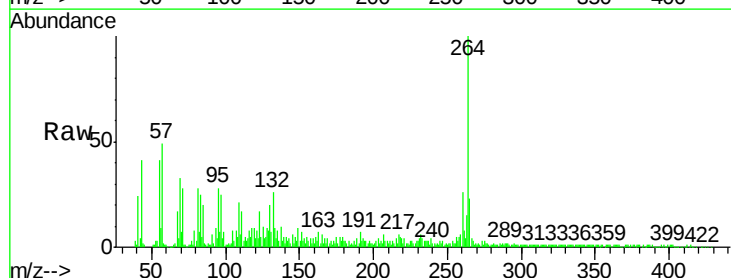
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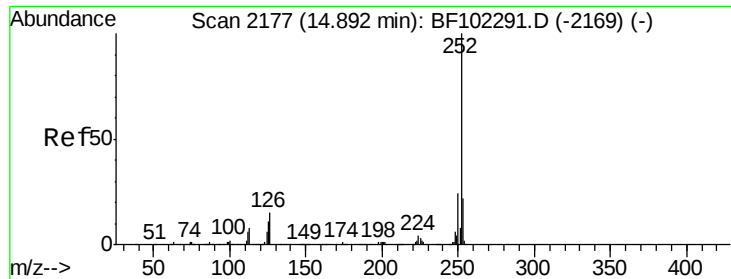
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	23.1	17.5	26.3





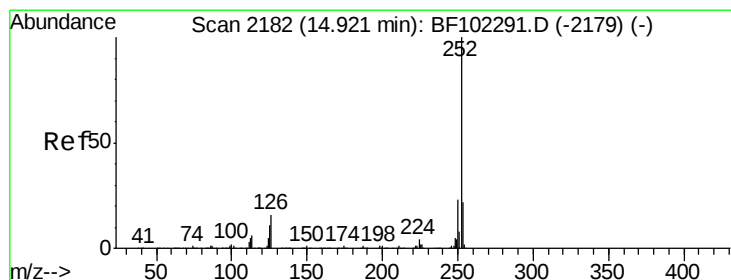
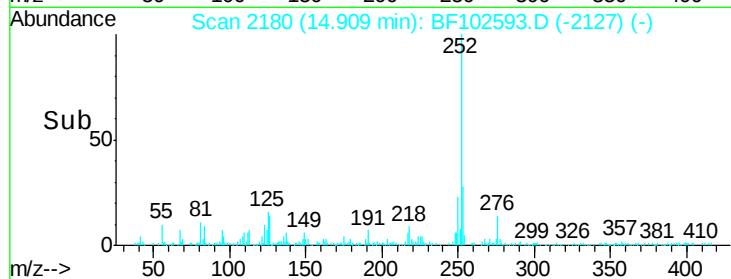
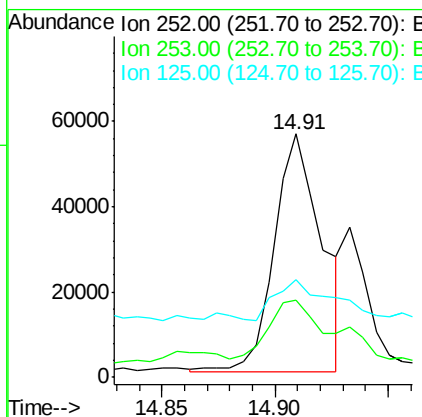
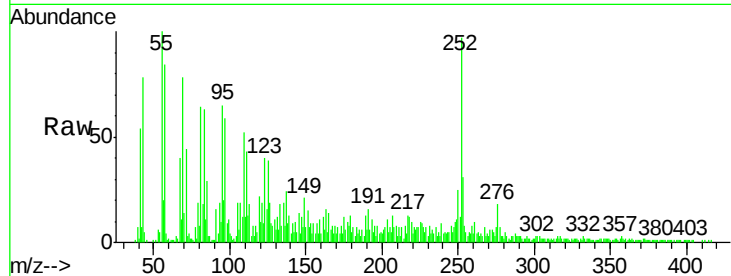
#87
Benzo(b)fluoranthene
Concen: 7.533 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.0	25.6#
125	40.2	9.0	13.6#

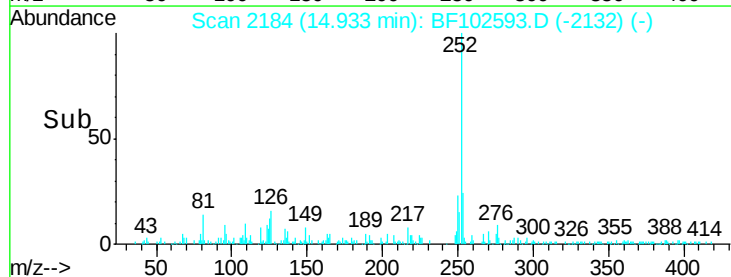
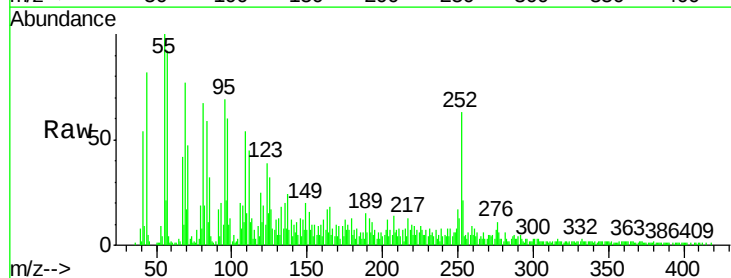
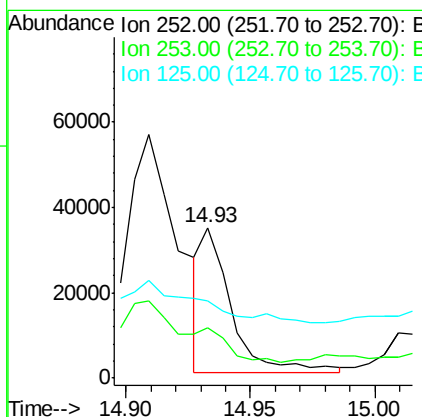
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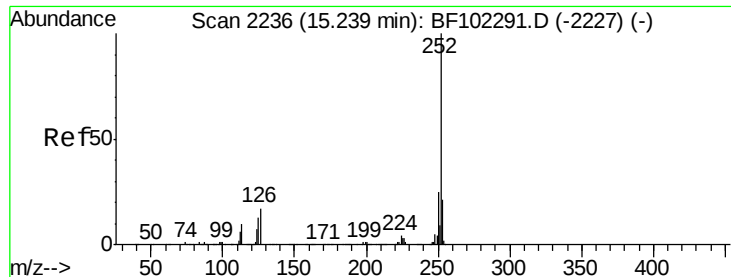
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#88
Benzo(k)fluoranthene
Concen: 2.807 ng m
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.4	17.9	26.9#
125	51.2	10.2	15.2#





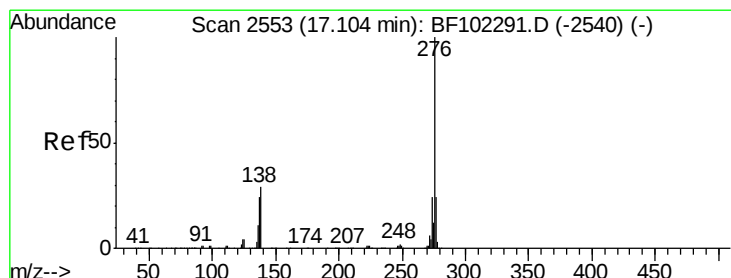
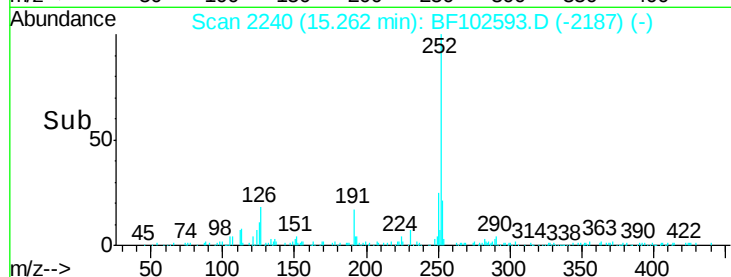
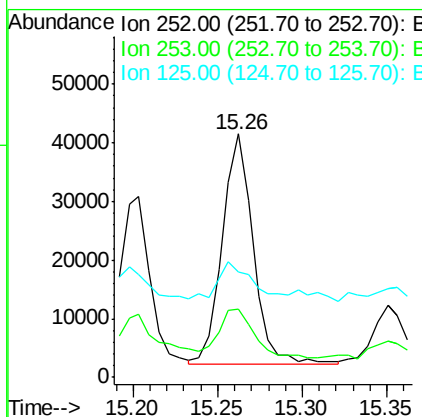
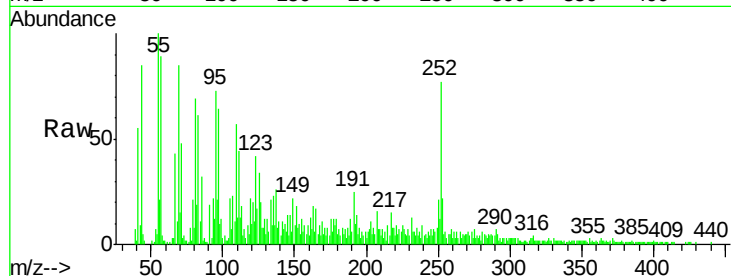
#89
Benzo(a)pyrene
Concen: 5.089 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Instrument :
BNA_F
ClientSampleId :
SB-50-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.1	25.7#
125	43.5	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.561 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.04 min
Lab File: BF102593.D
Acq: 29 Jan 2018 13:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.7	17.9	26.9#
138	42.9	21.8	32.8#

