

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116212.D
 Acq On : 13 Aug 2019 1:56
 Operator : HP/JU
 Sample : K4090-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Manual Integrations
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mohammad
 8/14/2019 2:53:54 AM

Quant Time: Aug 13 03:50:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	125655	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	495521	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	255237	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	412634	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	280411	20.00	ng	-0.01
87) Perylene-d12	15.47	264	288995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	763180	101.68	ng	-0.01
7) Phenol-d6	6.47	99	989551	104.49	ng	-0.01
23) Nitrobenzene-d5	7.40	82	612643	71.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	224789	90.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1055388	77.45	ng	-0.02
79) Terphenyl-d14	12.94	244	914344	68.71	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	31482	2.823	ng	Qvalue 97
50) Dimethylphthalate	9.58	163	126870	7.300	ng	99
71) Phenanthrene	11.38	178	45769	2.170	ng	97
75) Fluoranthene	12.57	202	99614	4.511	ng	100
78) Pyrene	12.80	202	95859	4.535	ng	97
81) Benzo(a)anthracene	13.99	228	45481	2.538	ng	96
83) Chrysene	14.03	228	49253m	2.831	ng	
88) Benzo(b)fluoranthene	15.04	252	63637m	3.808	ng	
90) Benzo(a)pyrene	15.41	252	45107	3.020	ng	# 84
92) Benzo(g,h,i)perylene	17.41	276	26252	2.067	ng	# 83

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

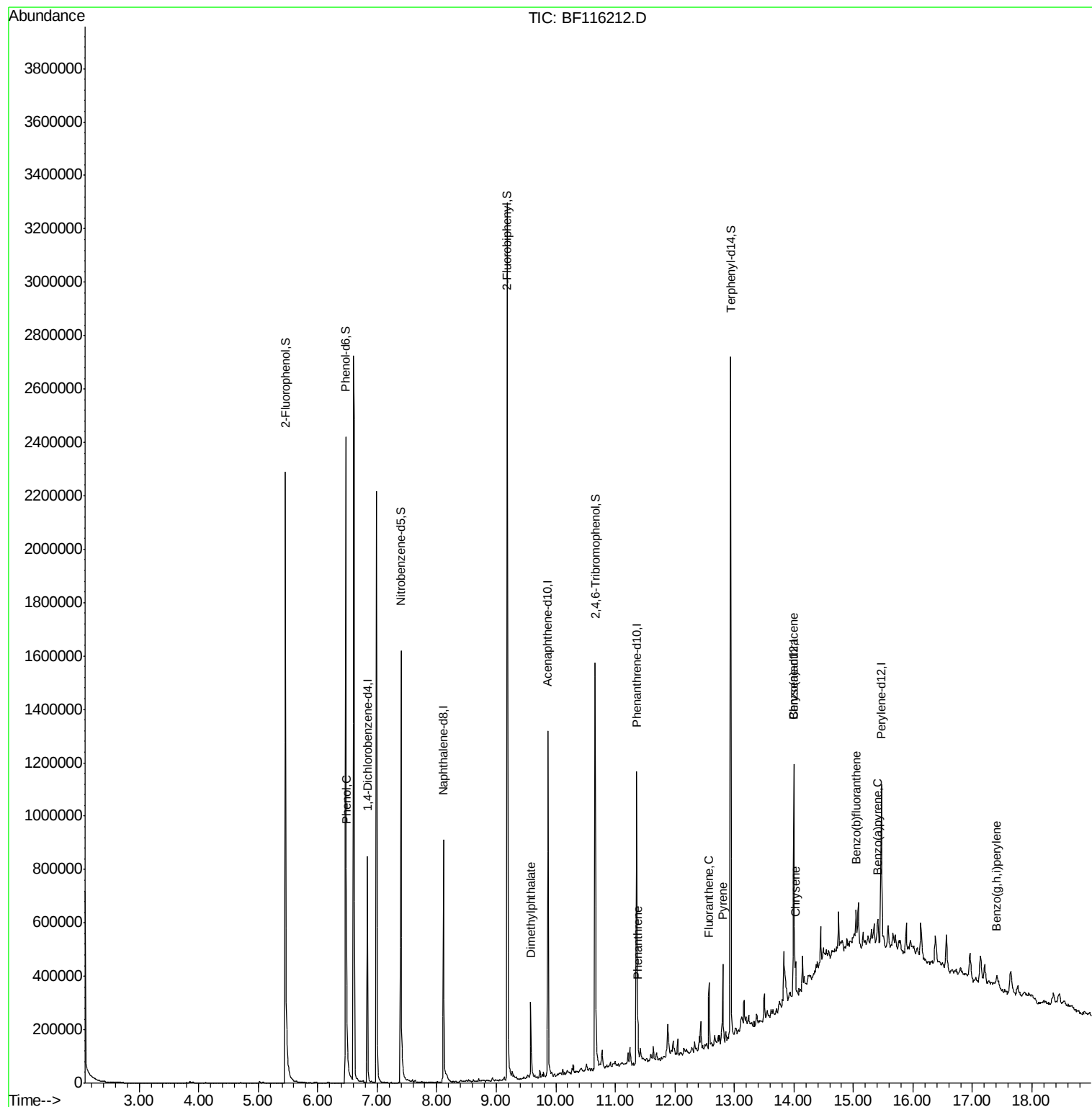
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116212.D
Acq On : 13 Aug 2019 1:56
Operator : HP/JU
Sample : K4090-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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#1

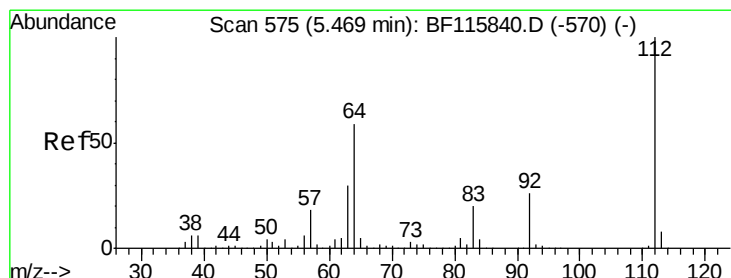
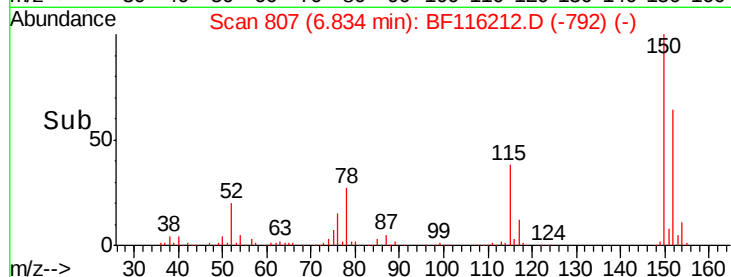
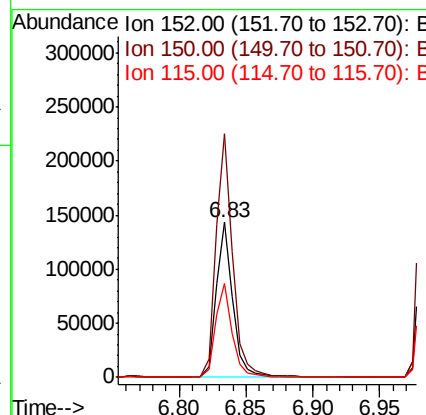
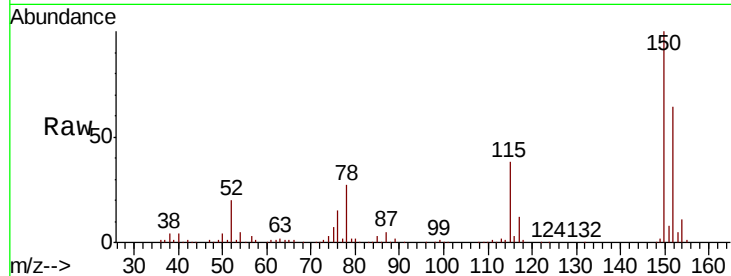
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	60.4	49.9	74.9

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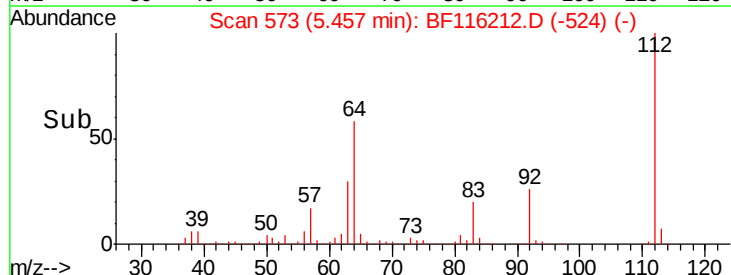
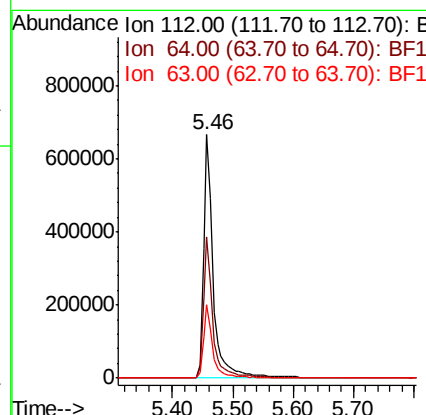
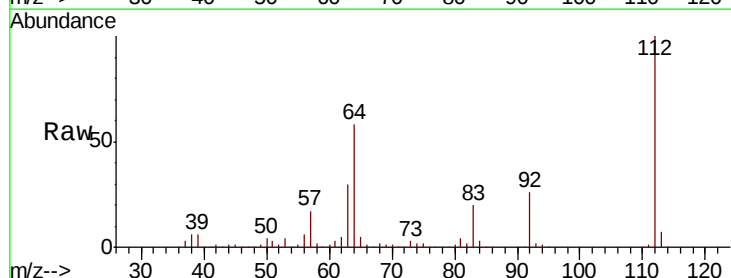
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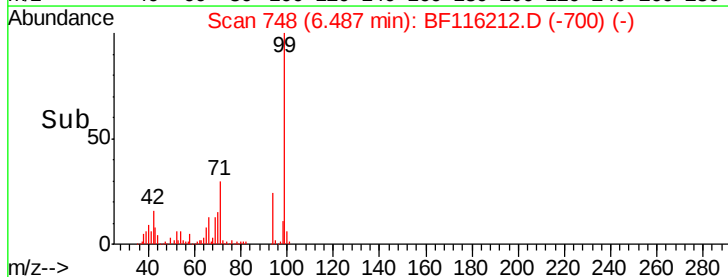
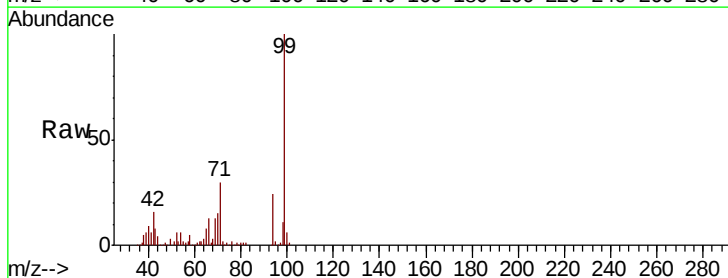
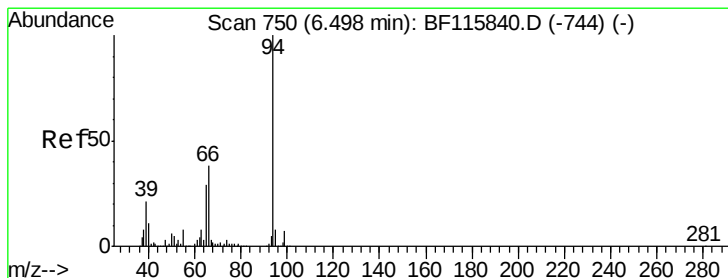
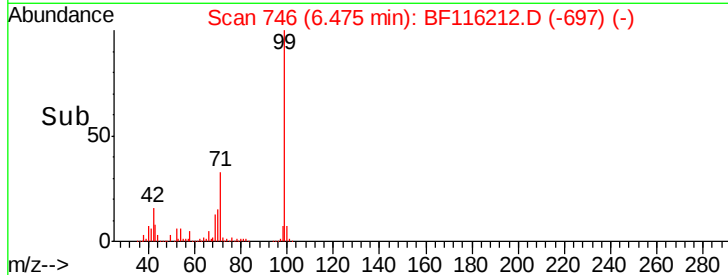
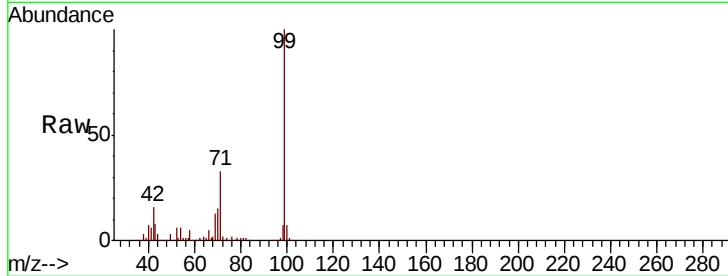
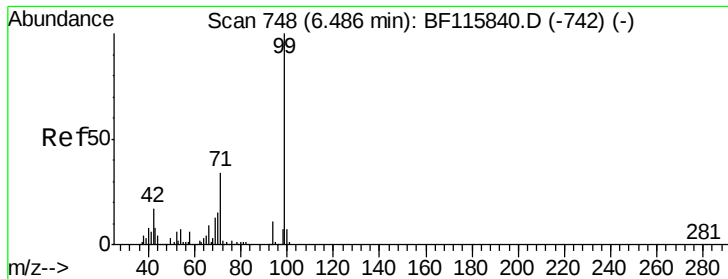


#5

2-Fluorophenol
Concen: 101.676 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 104.492 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Tot Ion:	99	Resp:	989551
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.8	20.8
71	32.9	27.3	40.9

Instrument :

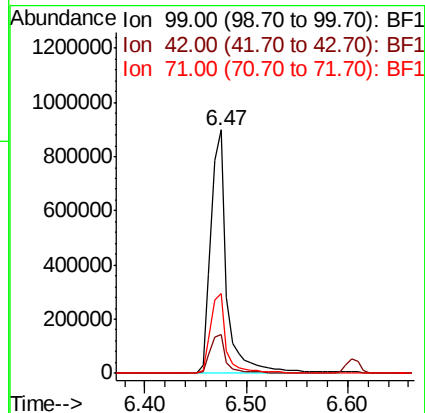
BNA_F

ClientSampleId :

OR-03-080919-B

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#10

Phenol

Concen: 2.823 ng

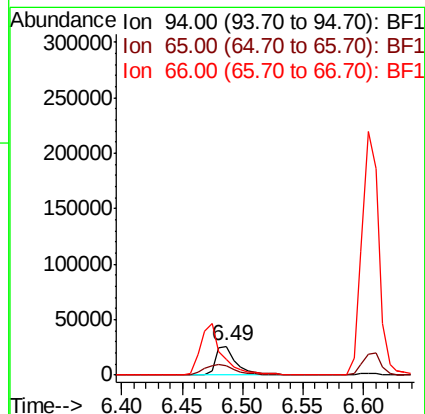
RT: 6.49 min Scan# 748

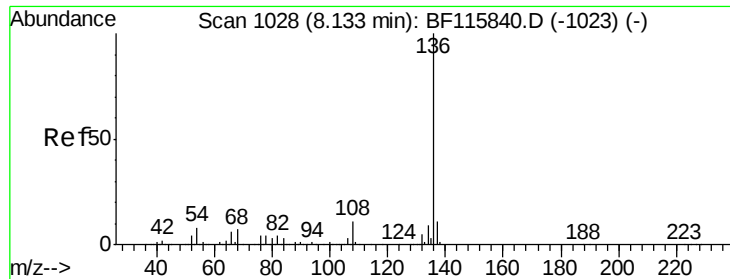
Delta R.T. -0.02 min

Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Tgt Ion:	94	Resp:	31482
Ion Ratio	Lower	Upper	
94	100		
65	32.3	16.8	56.8
66	54.4	34.2	74.2





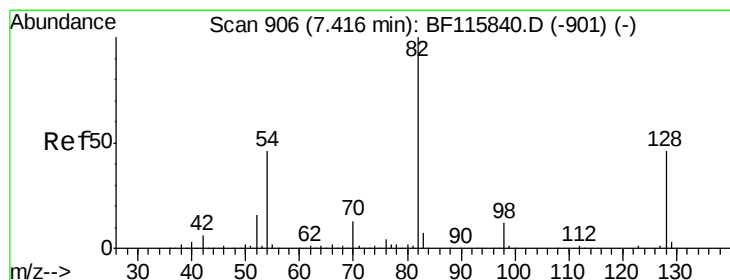
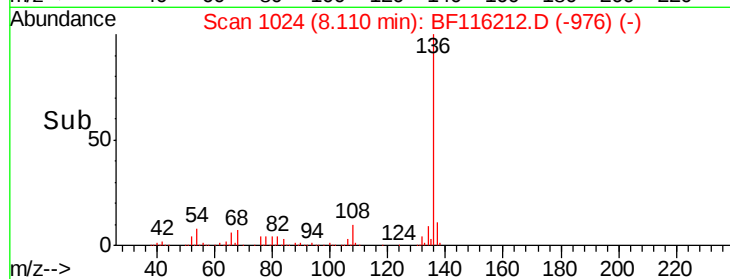
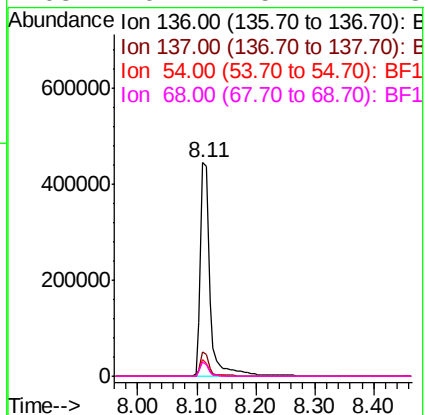
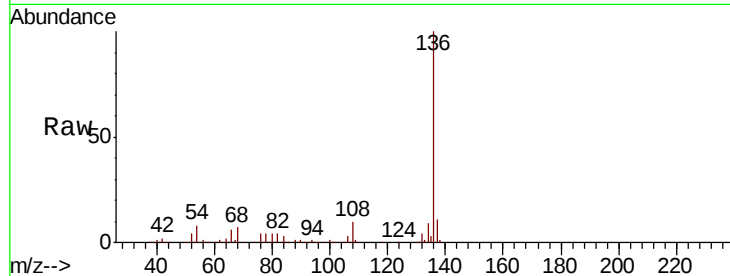
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	495521		
137	11.1	9.0	13.4	
54	7.6	5.8	8.6	
68	6.7	5.2	7.8	

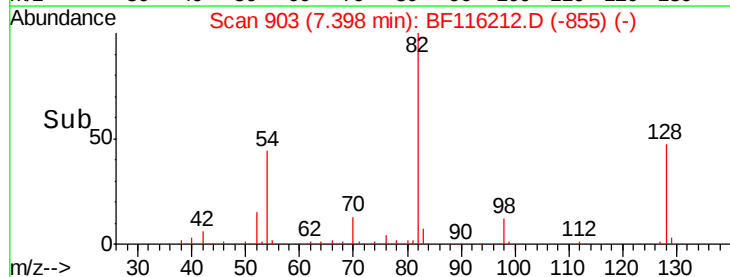
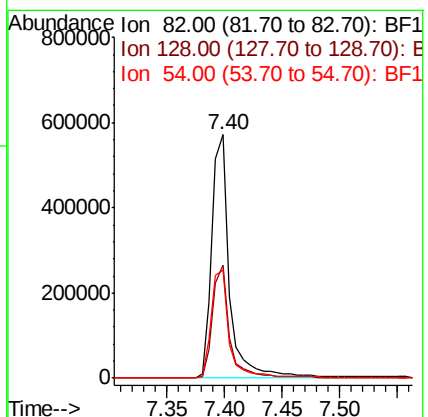
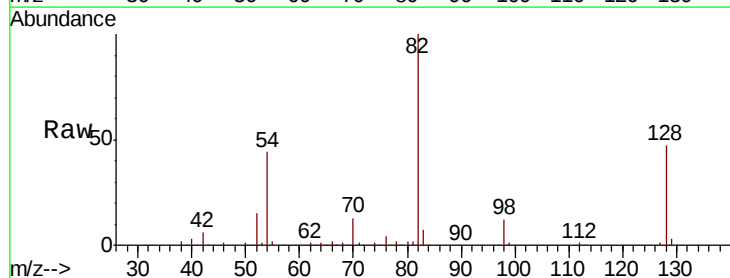
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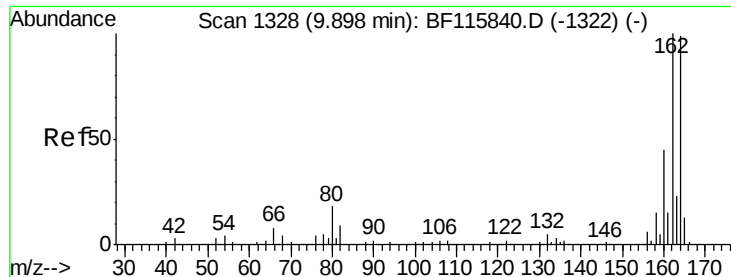
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#23
Nitrobenzene-d5
Concen: 71.367 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	612643		
128	46.7	36.5	54.7	
54	44.2	36.0	54.0	





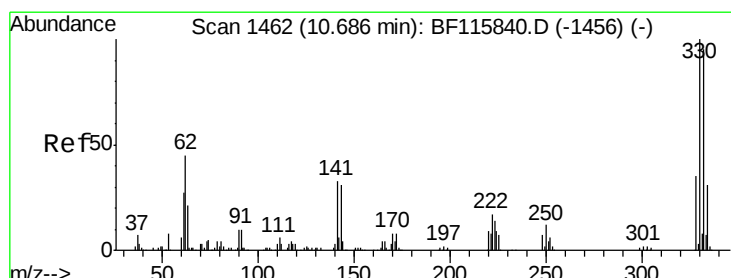
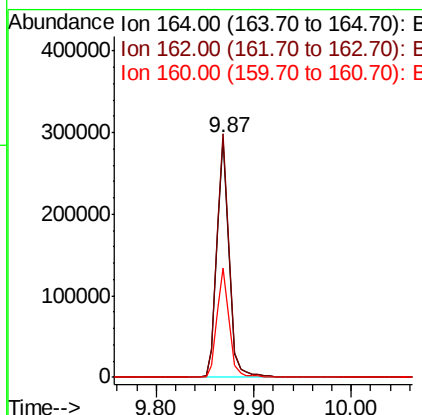
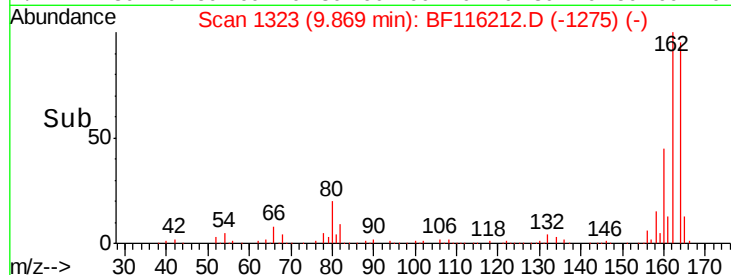
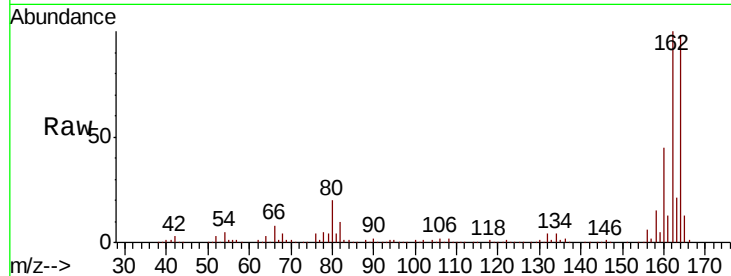
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.6	124.0	
160	45.8	37.6	56.4	

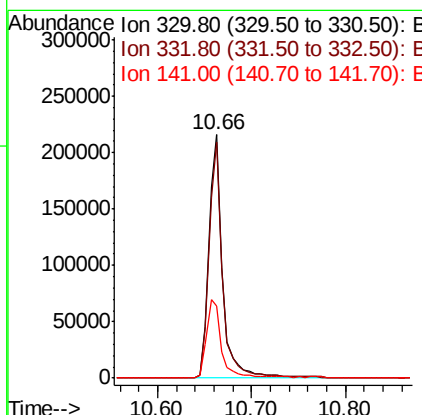
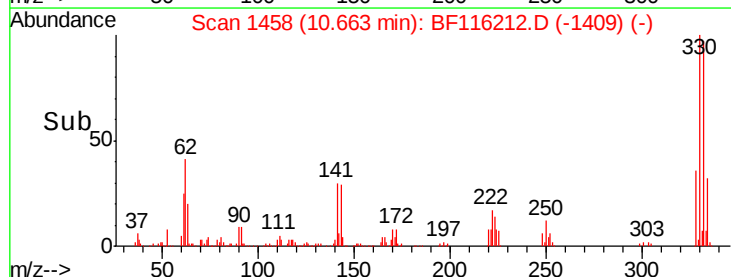
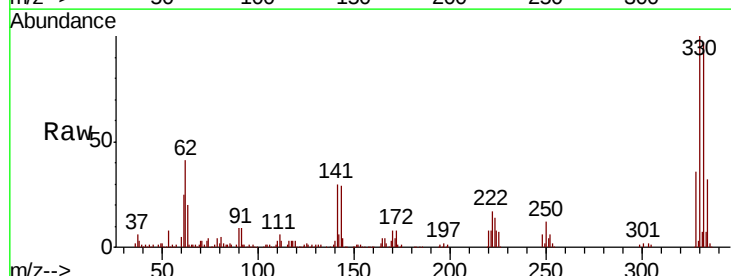
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#42
2,4,6-Tribromophenol
Concen: 90.839 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.8	115.2	
141	34.1	26.3	39.5	





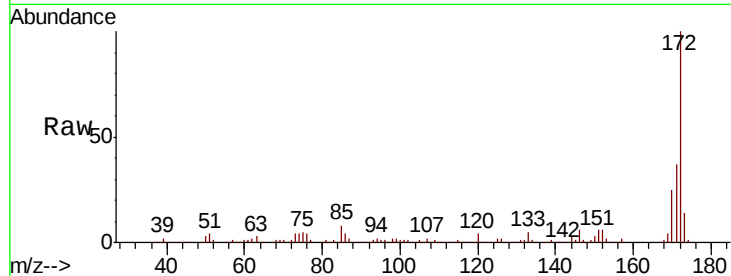
#45
2-Fluorobiphenyl
Concen: 77.450 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

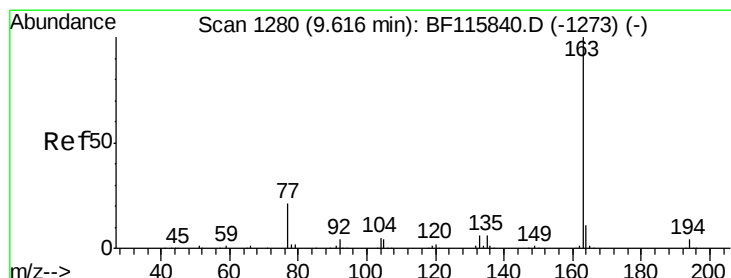
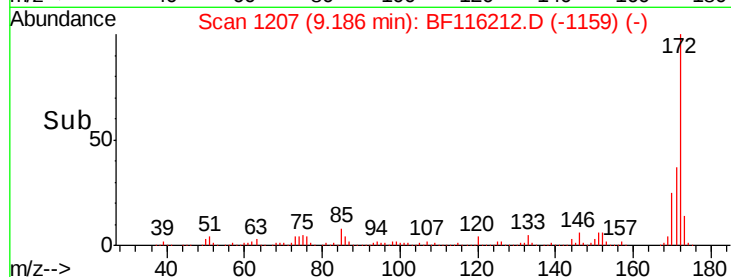
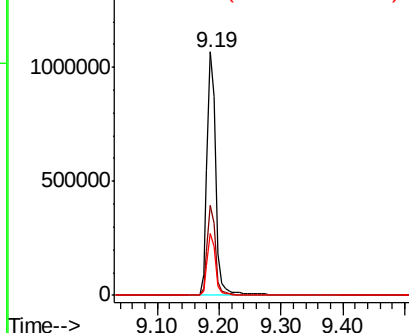
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.4	20.1	30.1

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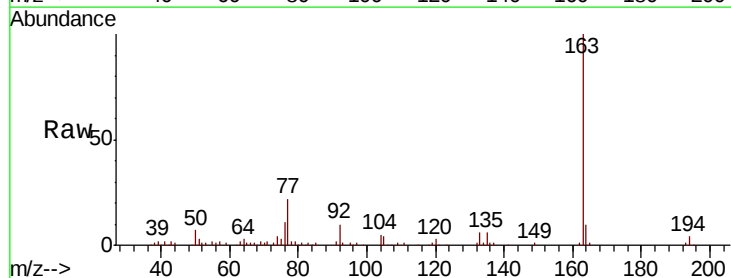


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

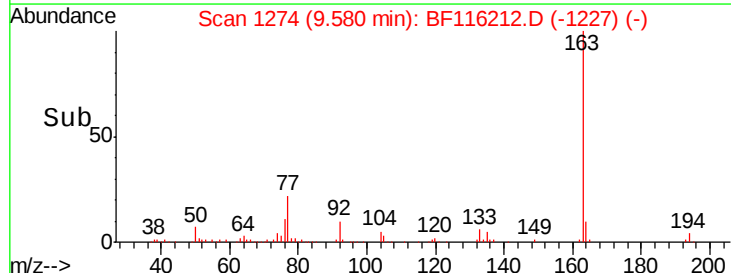
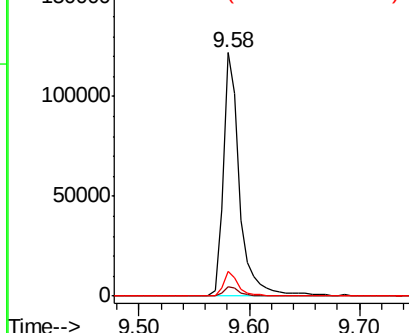


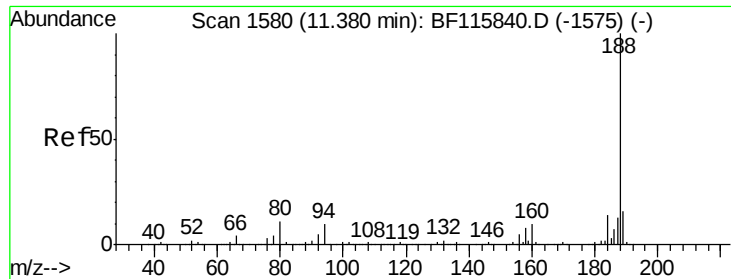
#50
Dimethylphthalate
Concen: 7.300 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.4	12.6



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





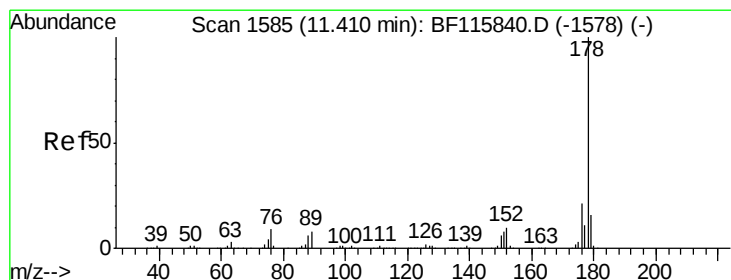
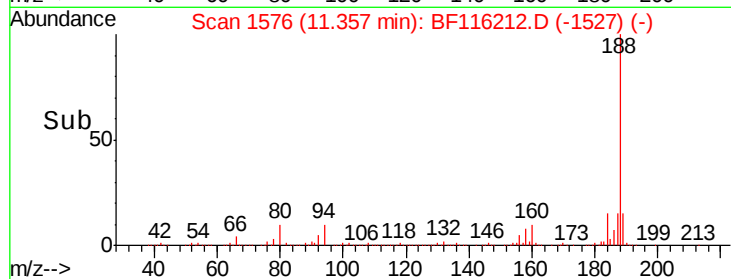
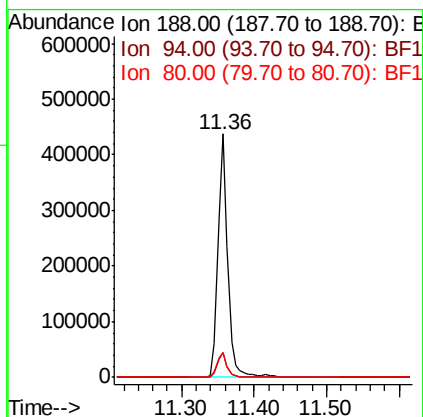
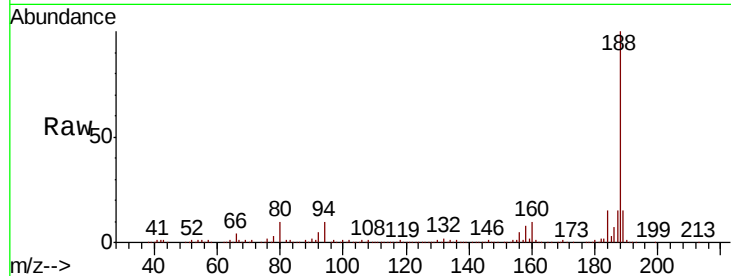
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	412634		
94	9.9	8.1	12.1	
80	10.4	8.7	13.1	

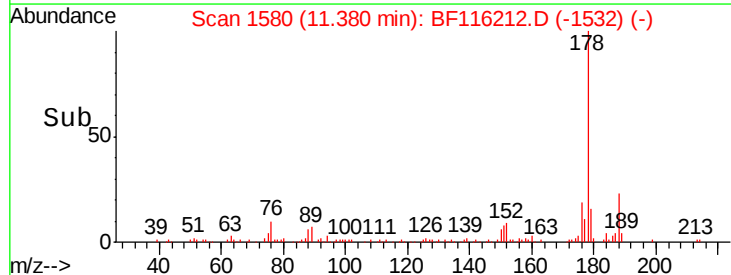
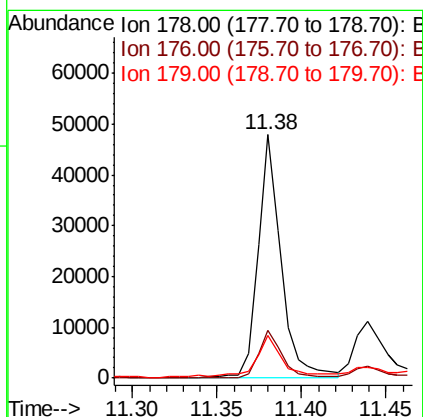
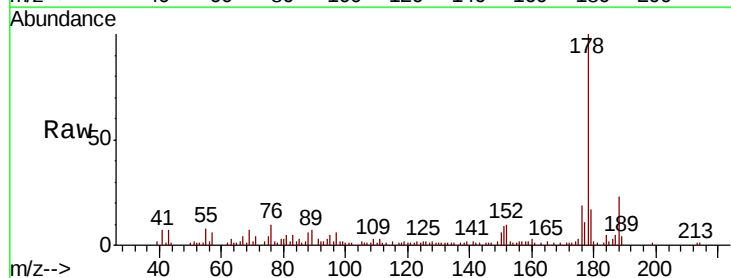
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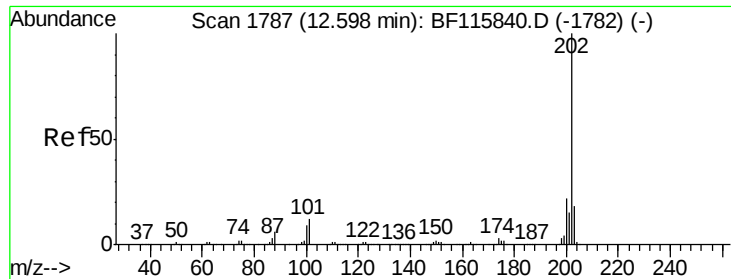
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#71
Phenanthrene
Concen: 2.170 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45769		
176	19.5	16.6	24.8	
179	17.4	12.5	18.7	





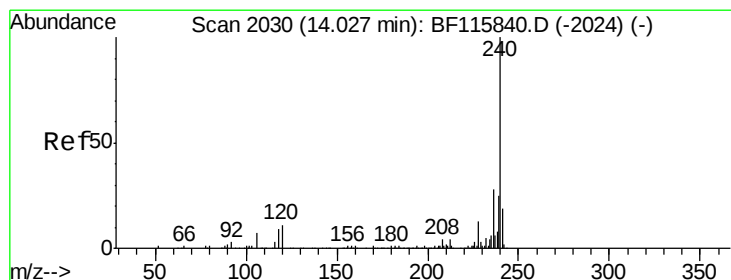
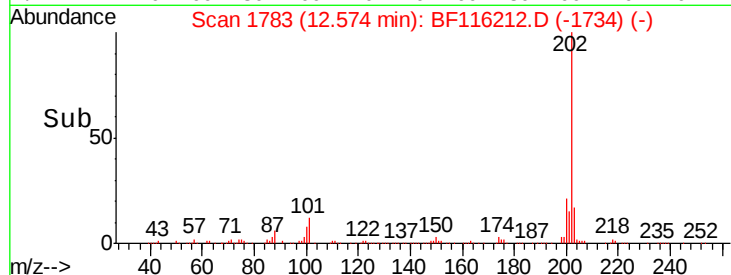
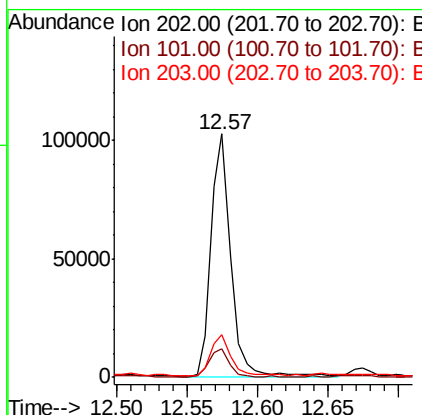
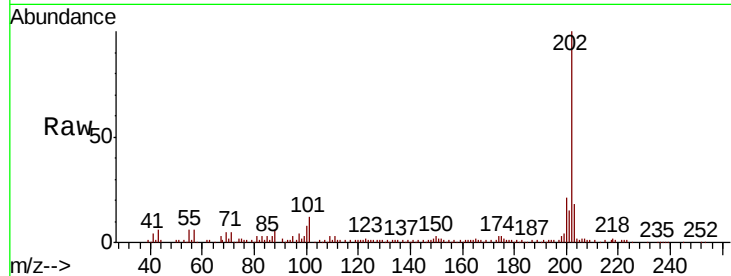
#75
 Fluoranthene
 Concen: 4.511 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116212.D
 Acq: 13 Aug 2019 1:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion:	202	Resp:	99614
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.2
203	17.7	0.0	37.8

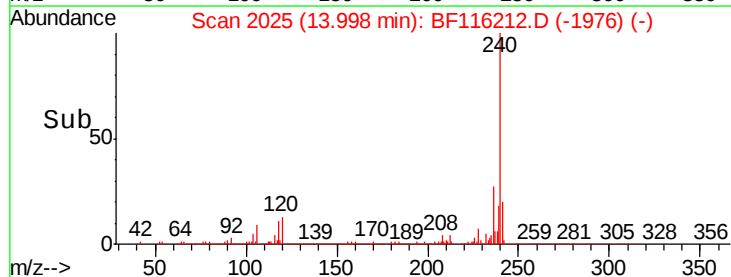
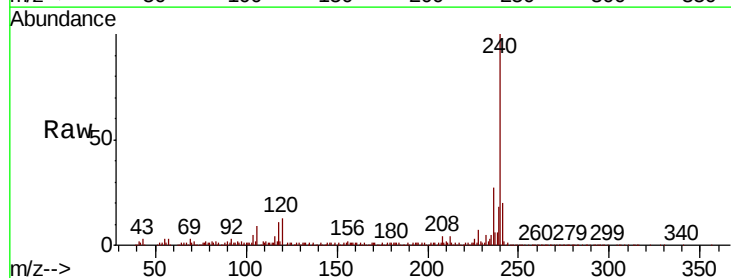
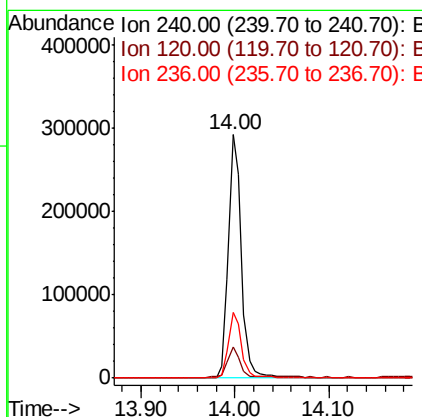
Manual Integrations
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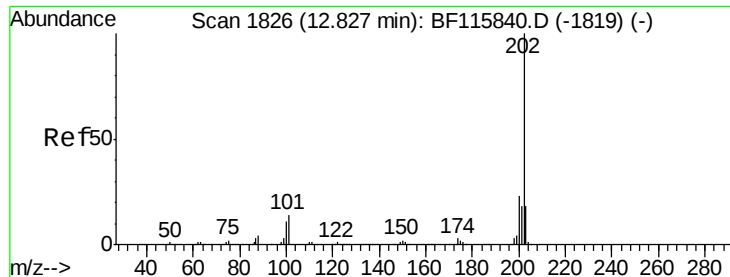
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116212.D
 Acq: 13 Aug 2019 1:56

Tgt Ion:	240	Resp:	280411
Ion Ratio	Lower	Upper	
240	100		
120	13.0	10.7	16.1
236	27.0	22.2	33.2





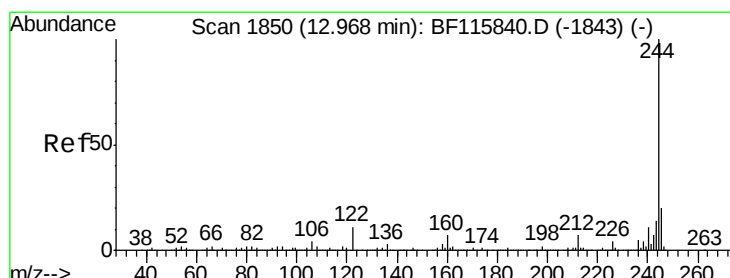
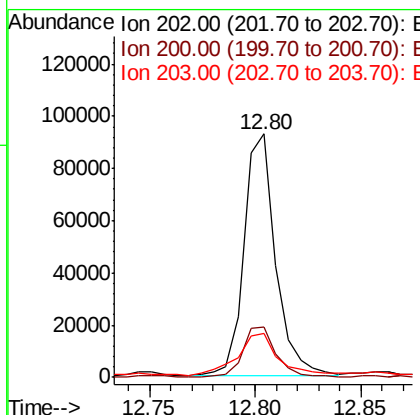
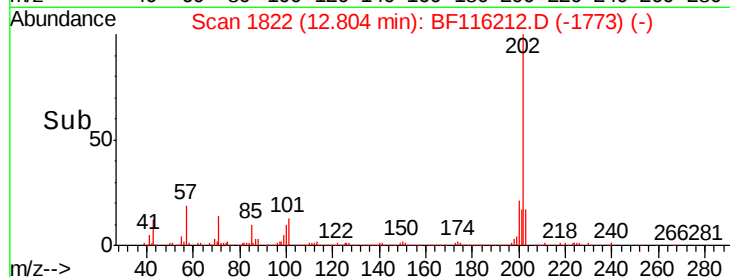
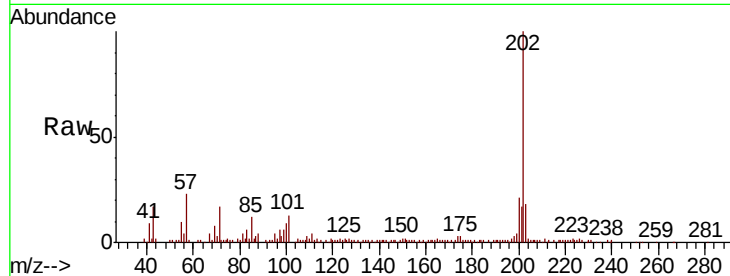
#78
Pvrene
Concen: 4.535 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.8	18.0	27.0		
203	18.3	14.1	21.1		

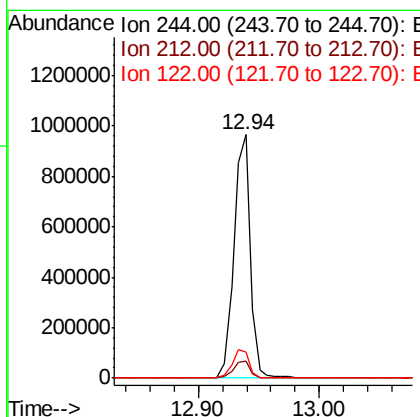
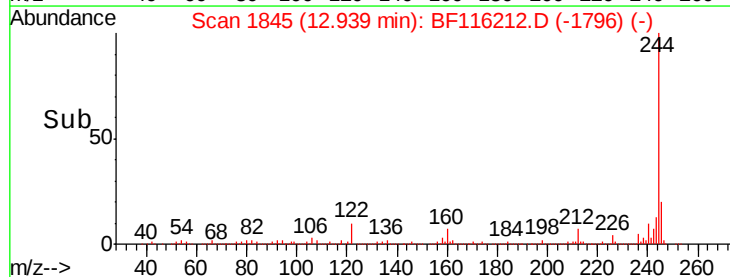
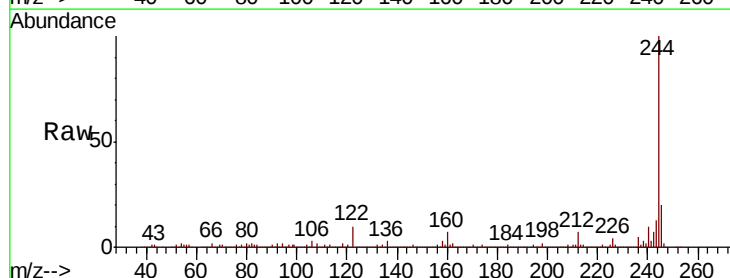
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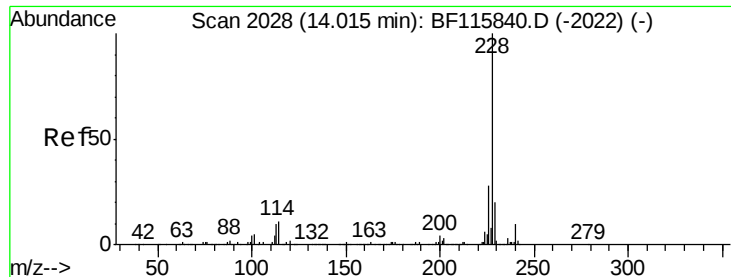
mohammad
8/14/2019 2:53:54 AM



#79
Terphenyl-d14
Concen: 68.709 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.9	5.8	8.8		
122	10.5	9.0	13.4		





#81

Benzo(a)anthracene

Concen: 2.538 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Instrument :

BNA_F

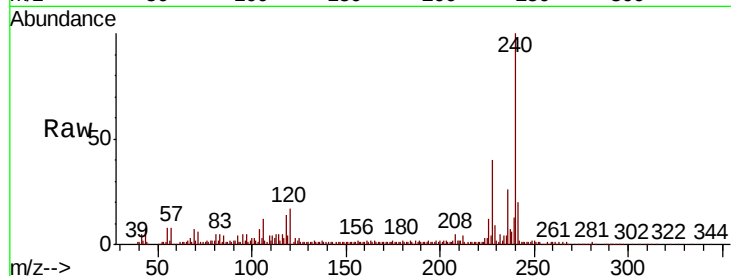
ClientSampleId :

OR-03-080919-B

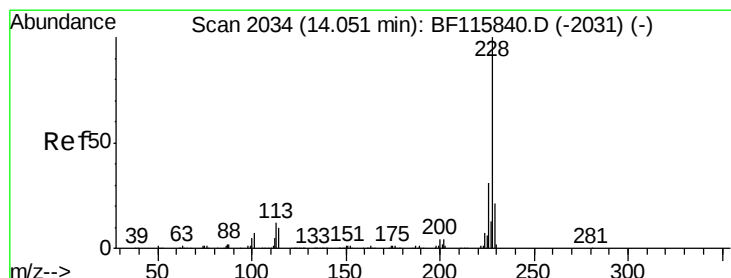
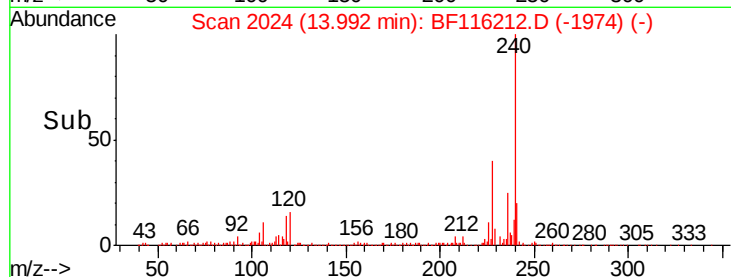
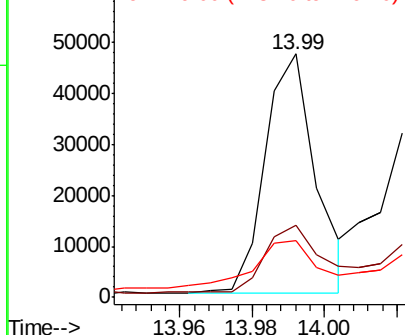
Tot Ion:	228	Resp:	45481
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.7	34.1
229	23.2	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.831 ng m

RT: 14.03 min Scan# 2030

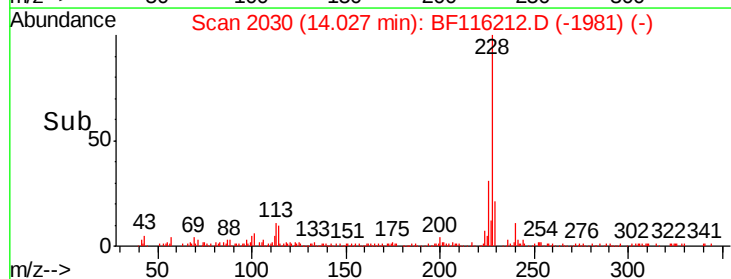
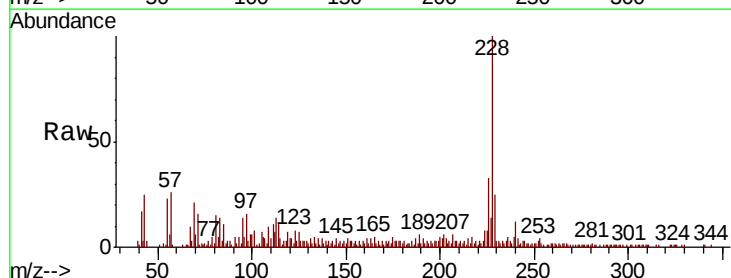
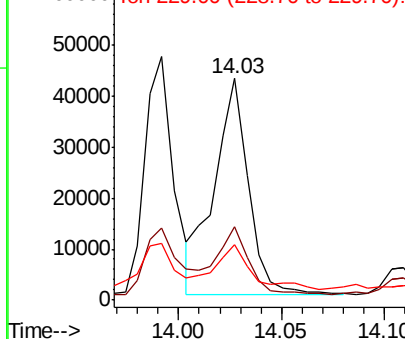
Delta R.T. -0.01 min

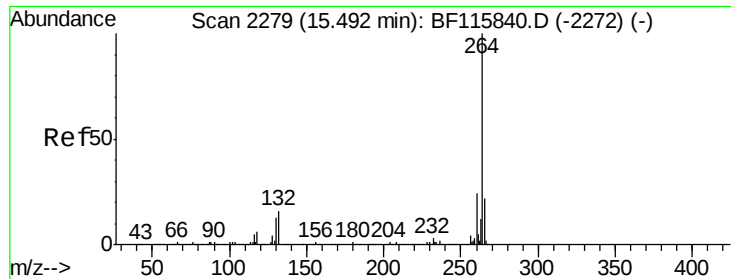
Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Tgt Ion:	228	Resp:	49253
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.5	38.3
229	24.9	16.6	24.8#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Instrument :

BNA_F

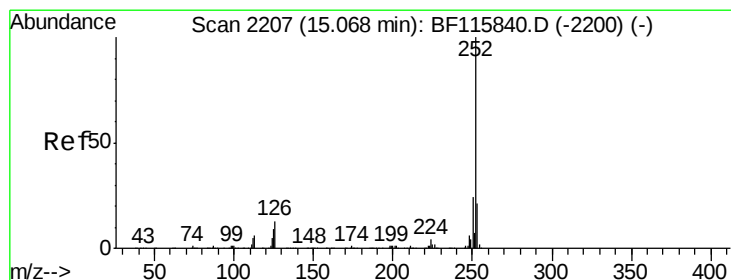
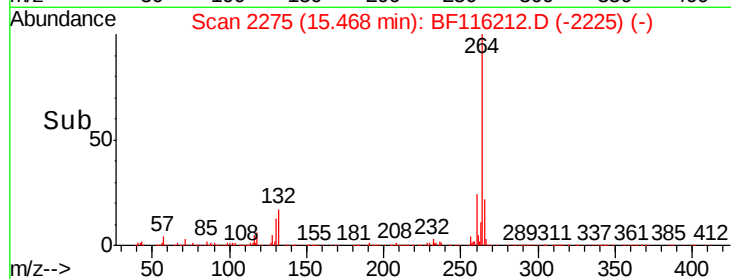
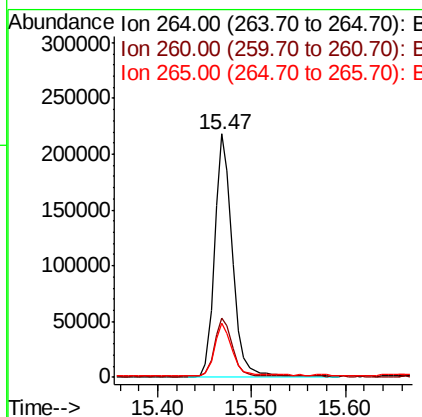
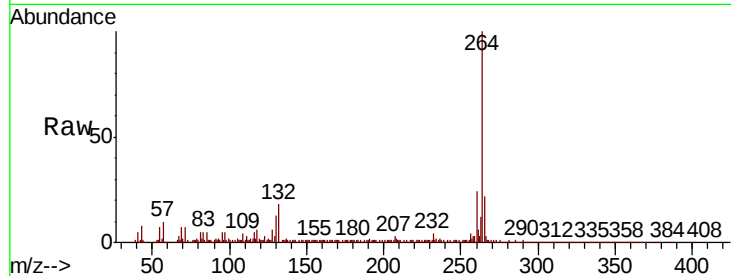
ClientSampleId :

OR-03-080919-B

Tot Ion:	264	Resp:	288995
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.2	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 3.808 ng m

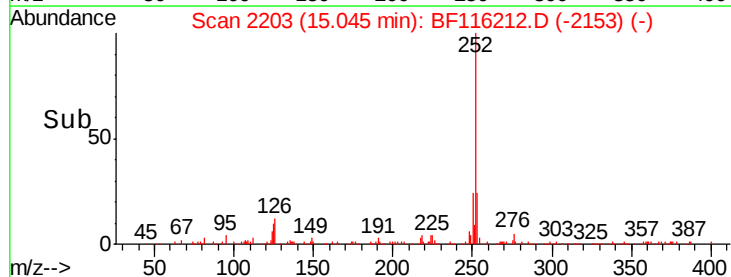
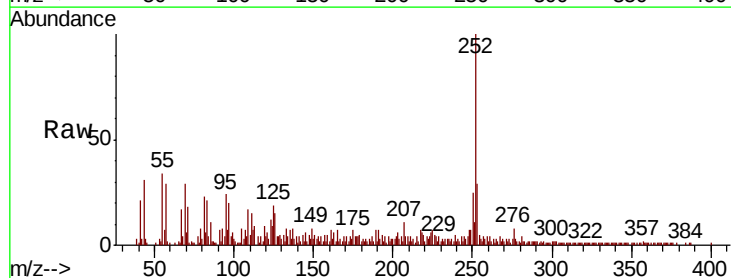
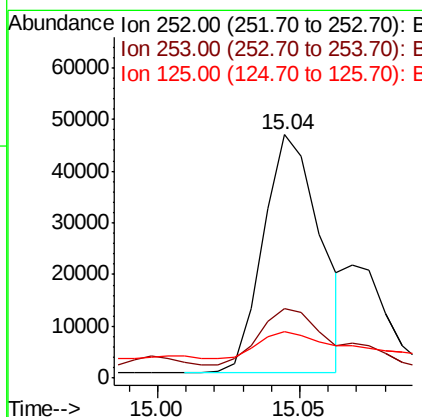
RT: 15.04 min Scan# 2203

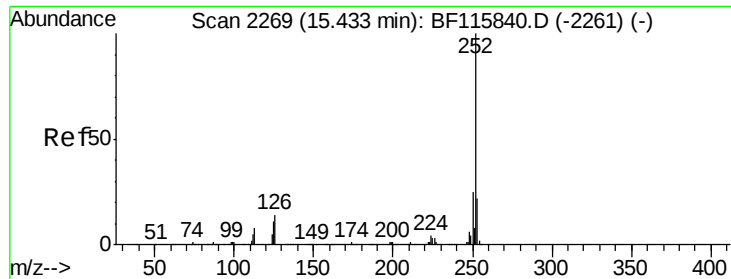
Delta R.T. -0.01 min

Lab File: BF116212.D

Acq: 13 Aug 2019 1:56

Tgt Ion:	252	Resp:	63637
Ion Ratio		Lower	Upper
252	100		
253	28.7	17.8	26.8#
125	19.1	8.4	12.6#





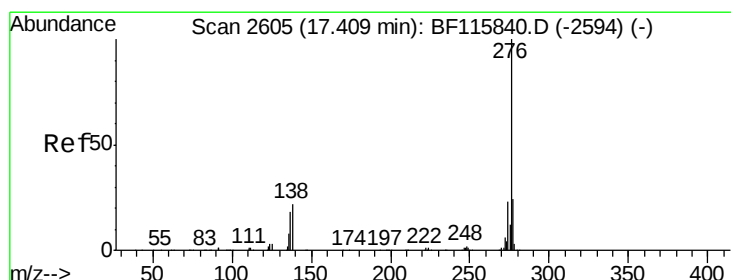
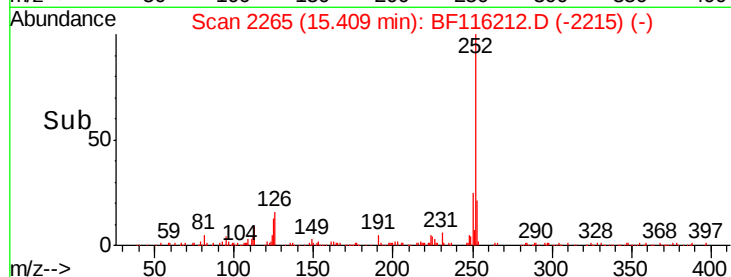
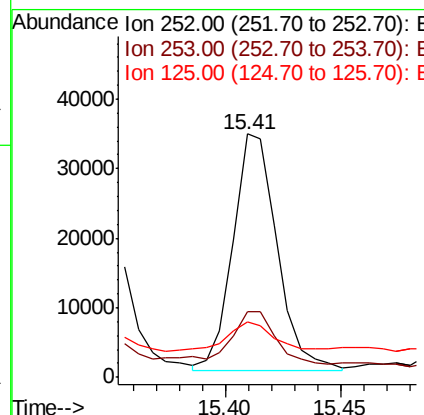
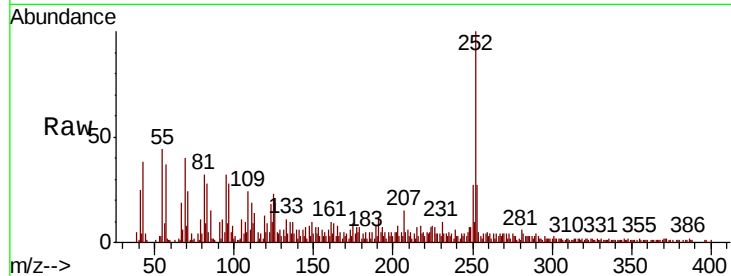
#90
Benzo(a)pyrene
Concen: 3.020 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	22.7	8.9	13.3#

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#92
Benzo(g,h,i)perylene
Concen: 2.067 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF116212.D
Acq: 13 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.4	27.6#
138	29.7	17.0	25.6#

