

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120412.D
 Acq On : 28 May 2020 17:07
 Operator : MA/SJ
 Sample : L2744-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM65-COMP-2020-0-6

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Quant Time: May 29 03:58:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	249567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	892178	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	423810	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	723811	20.00	ng	0.00
76) Chrysene-d12	13.99	240	534904	20.00	ng	0.00
86) Perylene-d12	15.44	264	552132	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1319788	100.78	ng	0.00
7) Phenol-d6	6.46	99	1618226	100.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	1031947	75.66	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	405289	103.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1862434	74.56	ng	0.00
79) Terphenyl-d14	12.94	244	1779072	74.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	334299	12.62	ng	99
71) Phenanthrene	11.38	178	88639	2.78	ng	96
75) Fluoranthene	12.56	202	183057	5.33	ng	100
78) Pyrene	12.79	202	184234	4.95	ng	99
81) Benzo(a)anthracene	13.98	228	98535	3.44	ng	97
83) Chrysene	14.02	228	82484	2.74	ng	97
88) Benzo(b)fluoranthene	15.02	252	119617m	3.90	ng	
90) Benzo(a)pyrene	15.37	252	83202	3.10	ng	# 97
92) Benzo(g,h,i)perylene	17.30	276	50242	2.07	ng	98

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

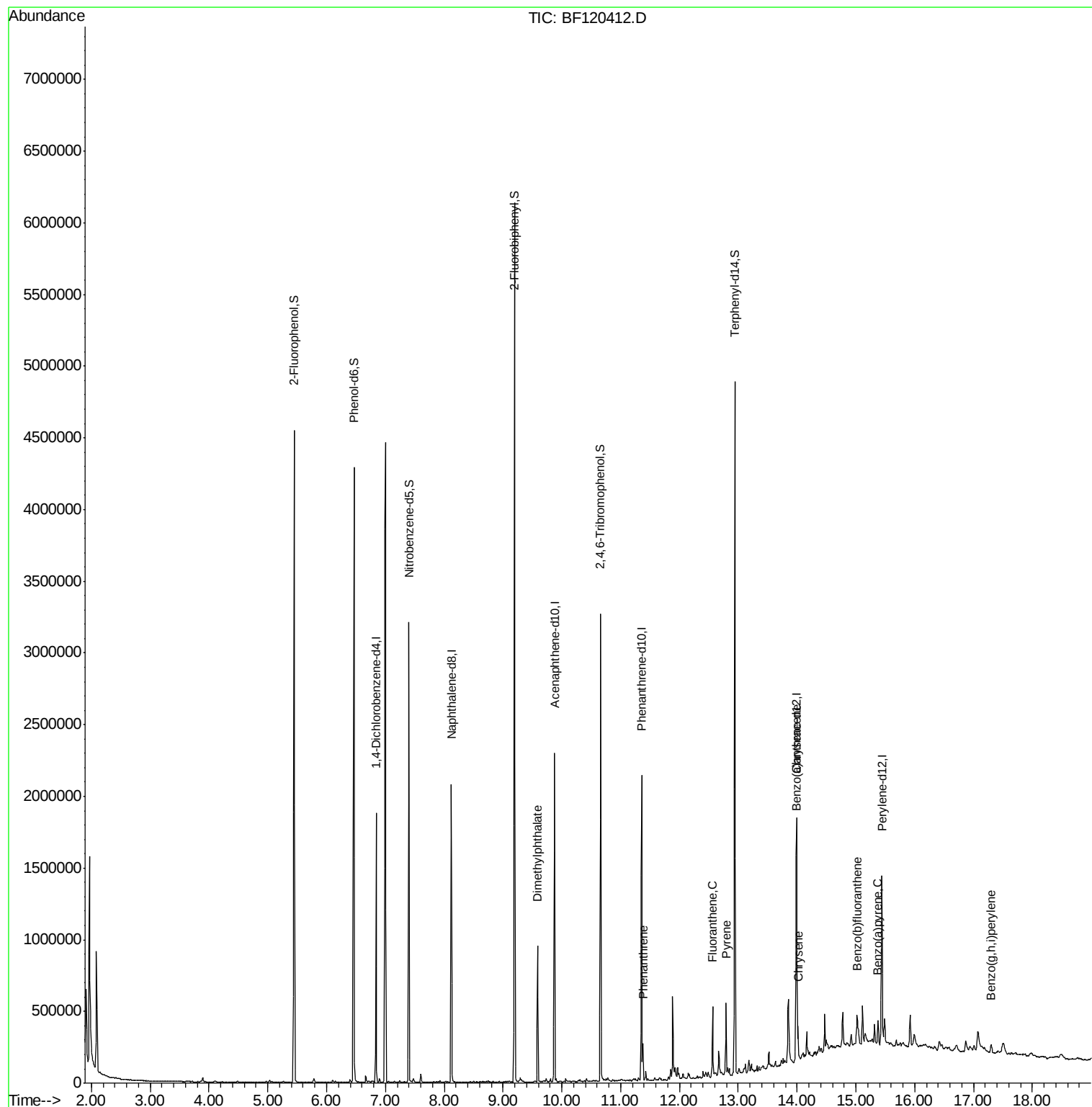
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120412.D
Acq On : 28 May 2020 17:07
Operator : MA/SJ
Sample : L2744-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

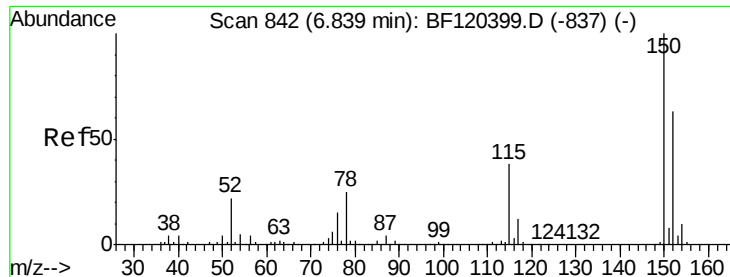
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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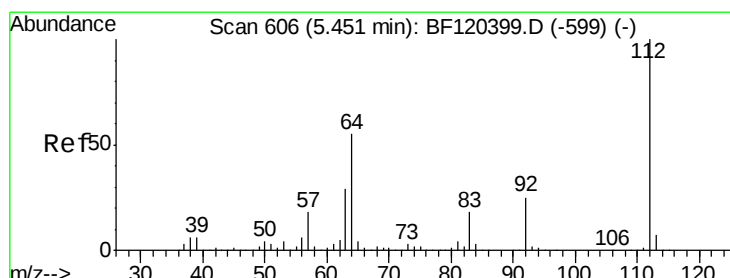
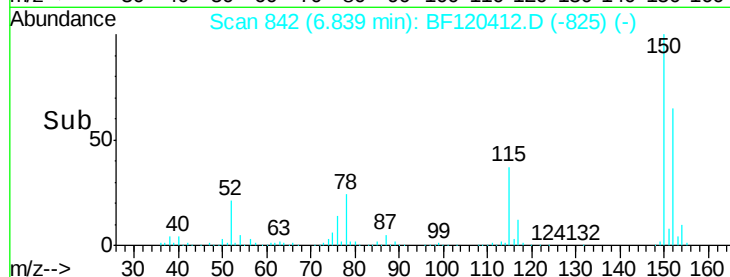
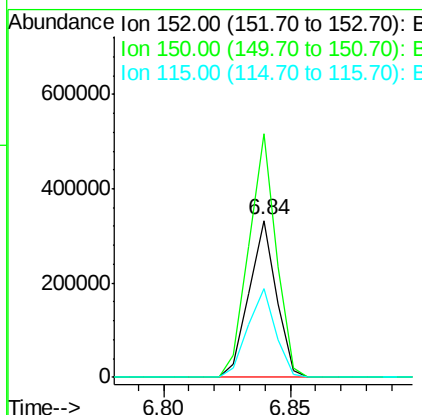
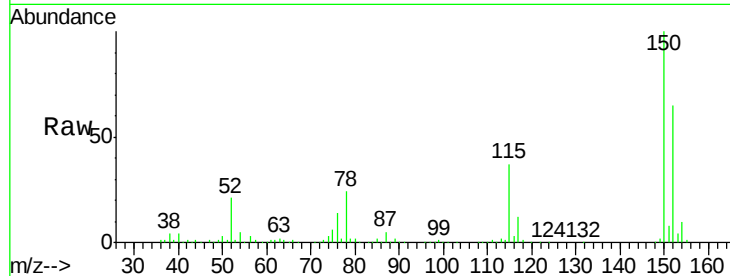
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Instrument :
 BNA_F
 ClientSampleId :
 NM65-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.5	189.7
115	56.6	47.6	71.4

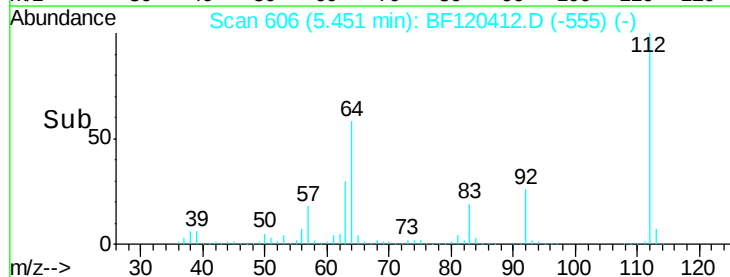
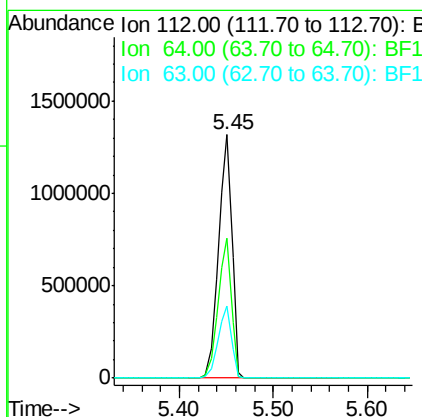
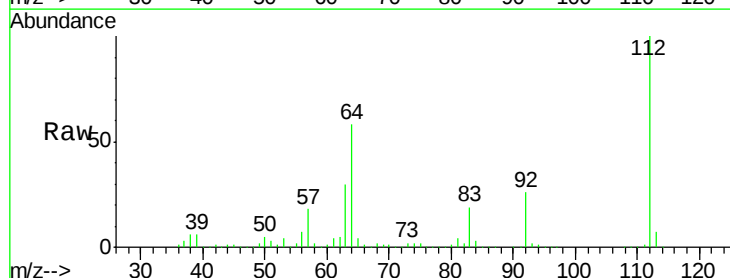
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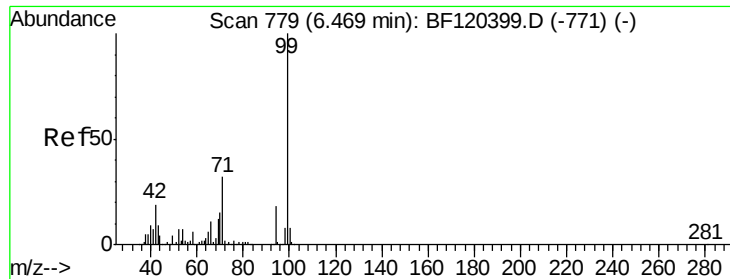
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#5
 2-Fluorophenol
 Concen: 100.78 ng
 RT: 5.45 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.3	66.5
63	29.8	22.9	34.3





#7

Phenol-d6

Concen: 100.25 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120412.D

Acq: 28 May 2020 17:07

Instrument :

BNA_F

ClientSampleId :

NM65-COMP-2020-0-6

Tgt Ion: 99 Resp: 1618226

Ion Ratio Lower Upper

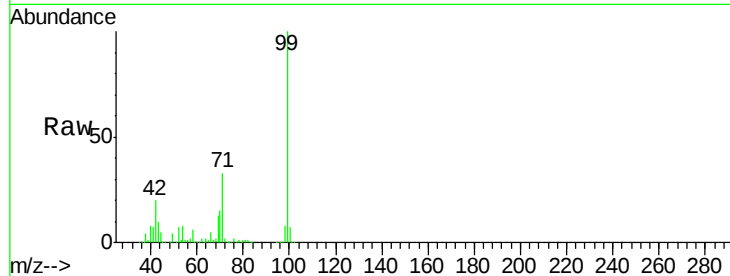
99 100

42 19.6 15.2 22.8

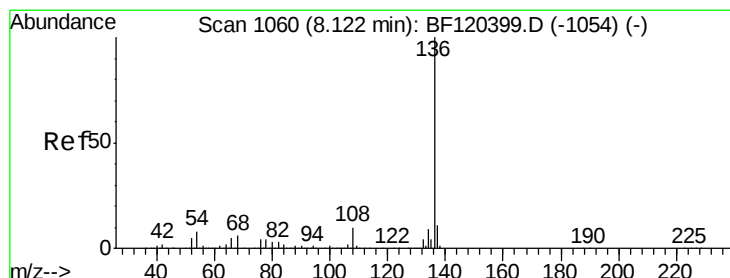
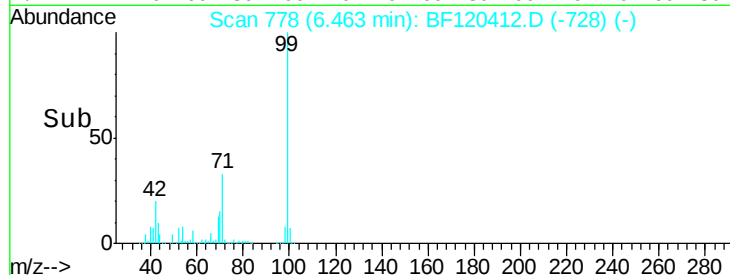
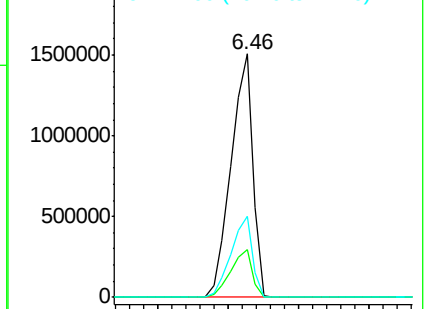
71 33.0 25.6 38.4

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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: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120412.D

Acq: 28 May 2020 17:07

Tgt Ion: 136 Resp: 892178

Ion Ratio Lower Upper

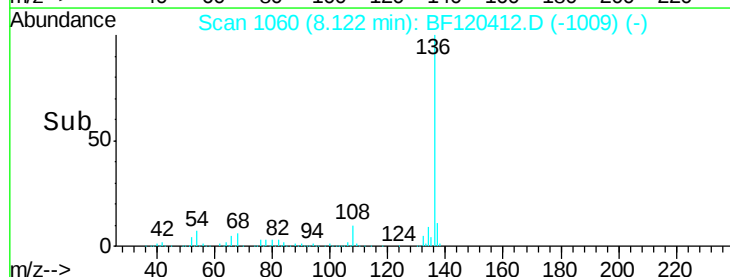
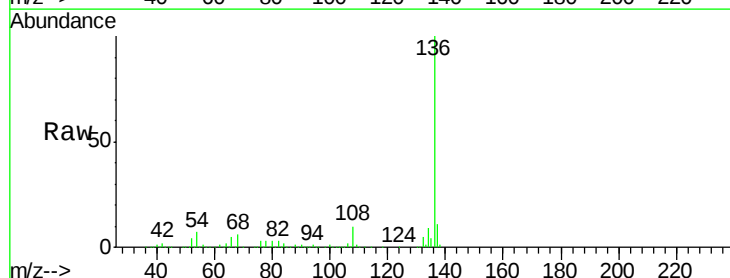
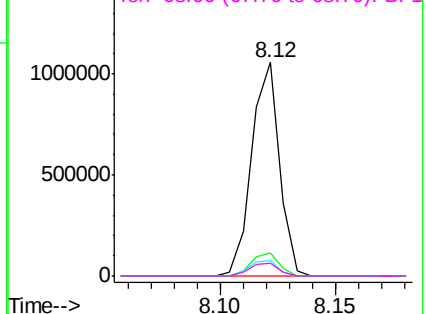
136 100

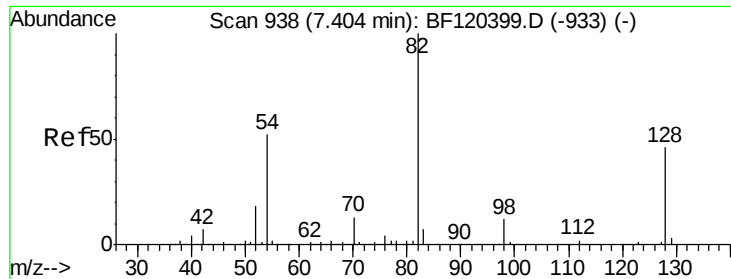
137 10.9 9.1 13.7

54 7.4 6.7 10.1

68 5.8 5.0 7.4

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





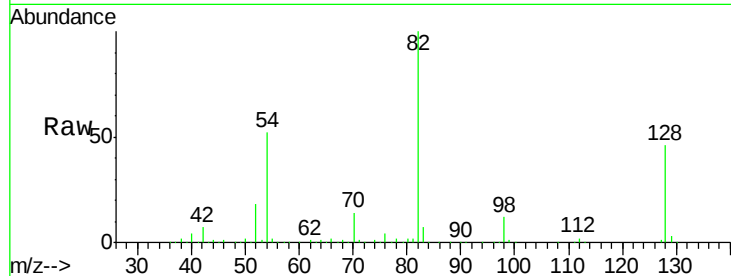
#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Instrument :
 BNA_F
 ClientSampleId :
 NM65-COMP-2020-0-6

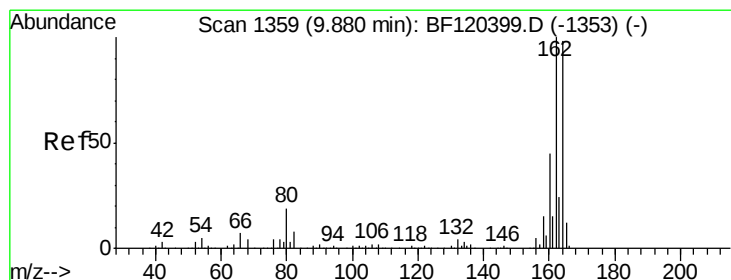
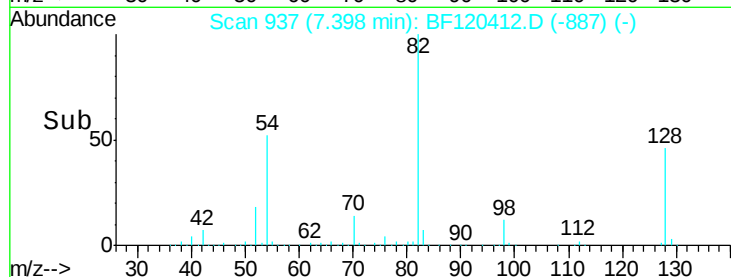
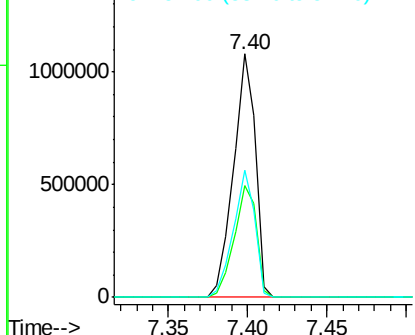
Tgt Ion: 82 Resp: 1031947
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.8 55.2
 54 52.1 41.6 62.4

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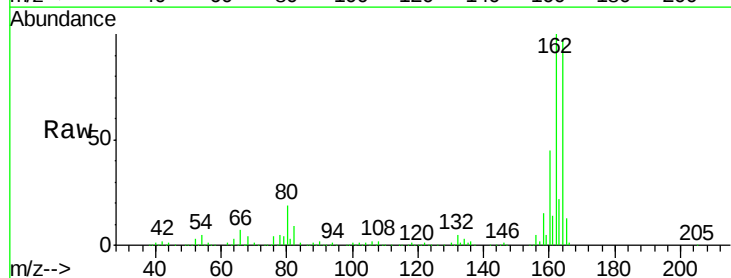


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

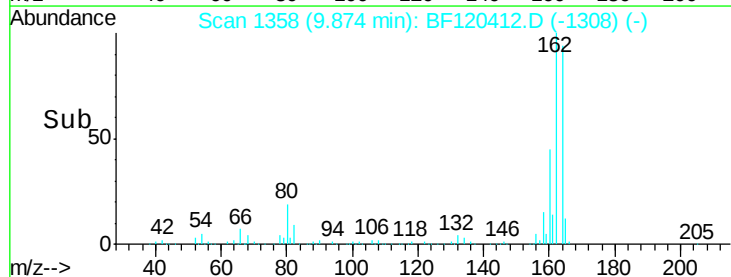
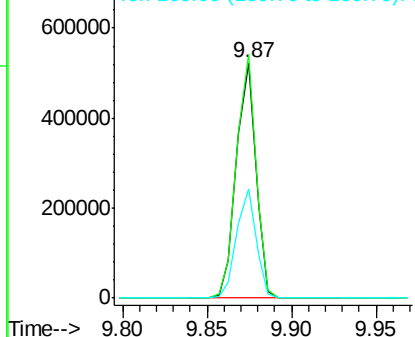


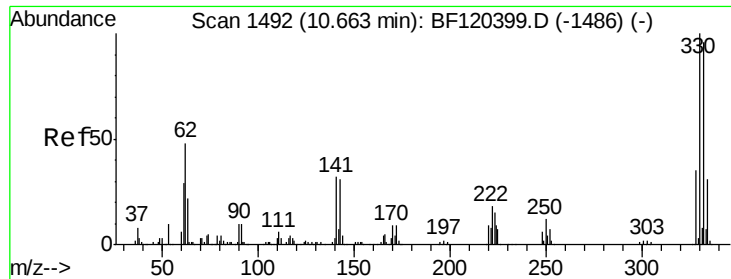
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Tgt Ion: 164 Resp: 423810
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.3 121.9
 160 46.2 36.9 55.3



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





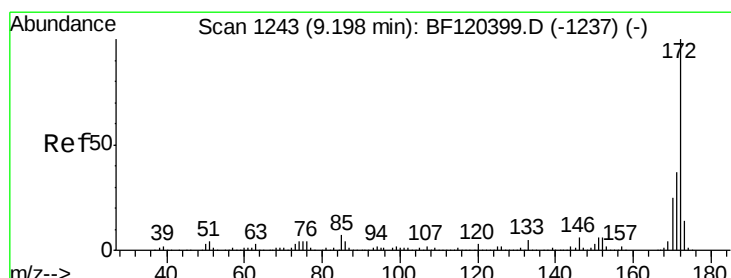
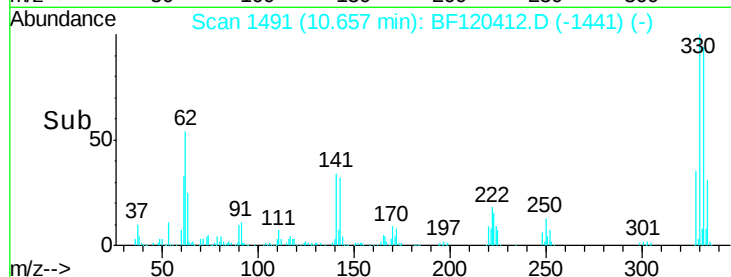
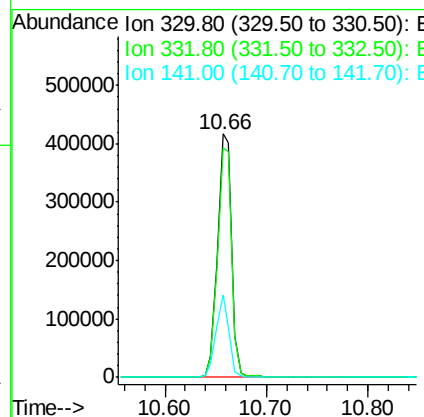
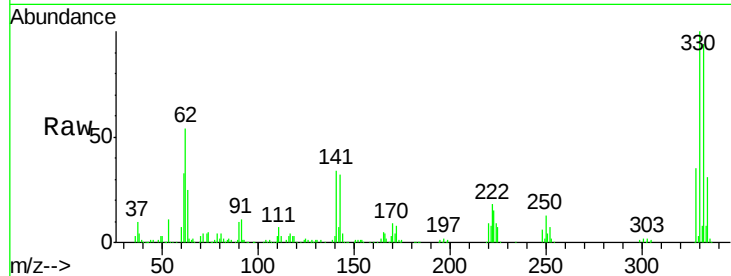
#42
 2,4,6-Tribromophenol
 Concen: 103.21 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Instrument :
 BNA_F
 ClientSampleId :
 NM65-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	405289		
332	95.1	77.0	115.6	
141	30.8	25.3	37.9	

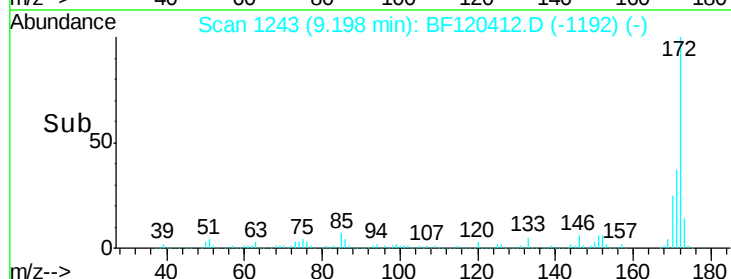
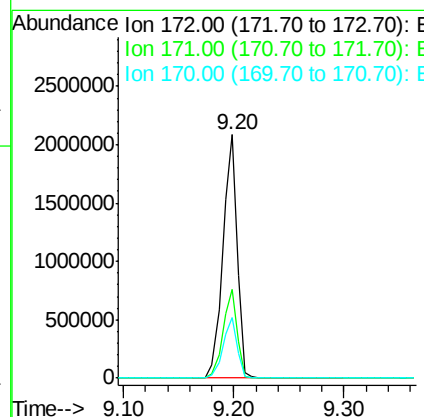
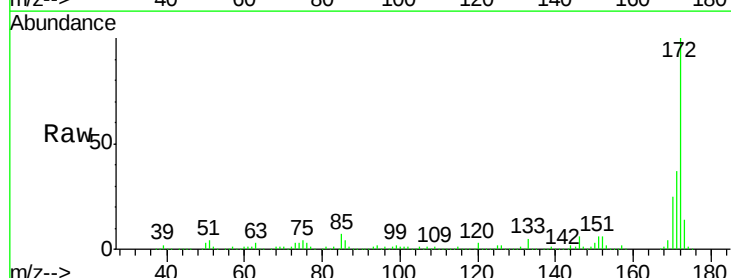
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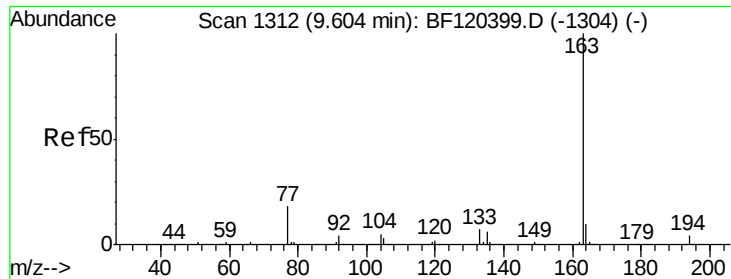
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#45
 2-Fluorobiphenyl
 Concen: 74.56 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120412.D
 Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1862434		
171	36.6	29.7	44.5	
170	24.7	19.9	29.9	





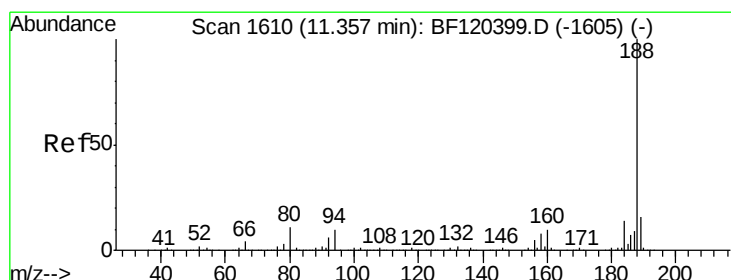
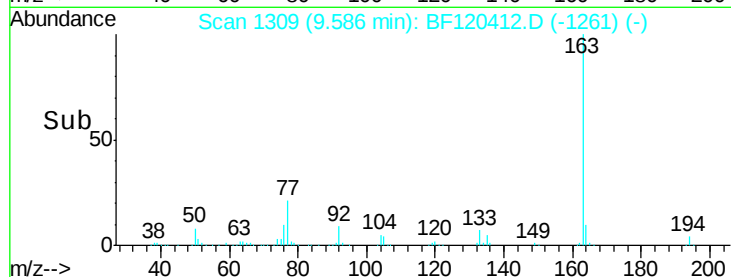
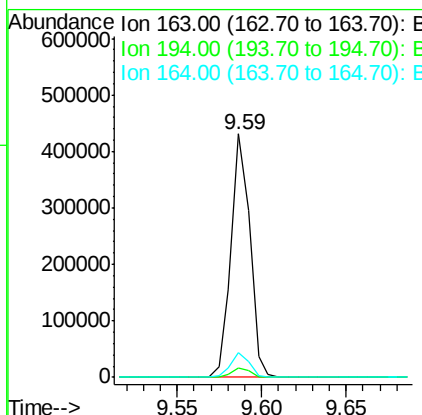
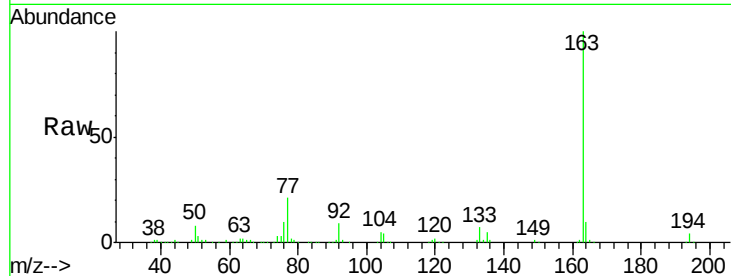
#50
Dimethylphthalate
Concen: 12.62 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Instrument :
BNA_F
ClientSampleId :
NM65-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	334299		
194	3.9		3.3	4.9
164	10.1		8.3	12.5

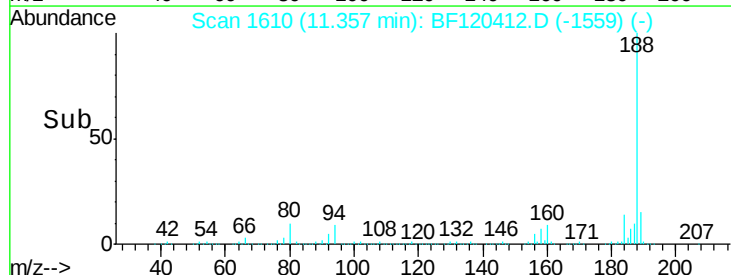
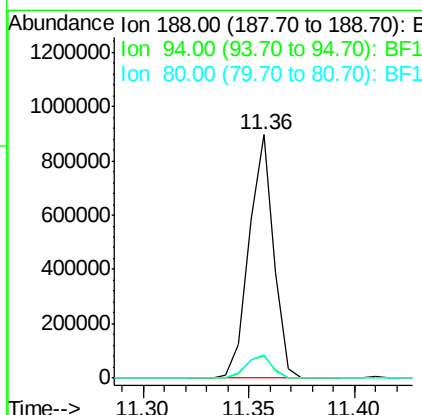
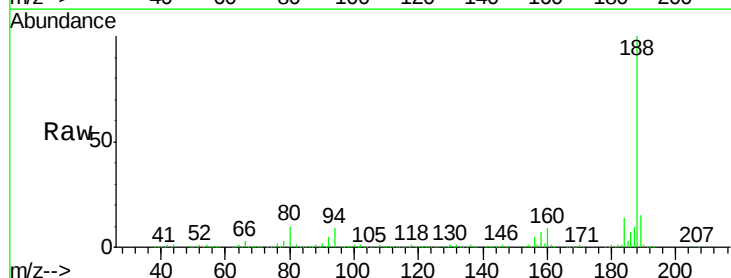
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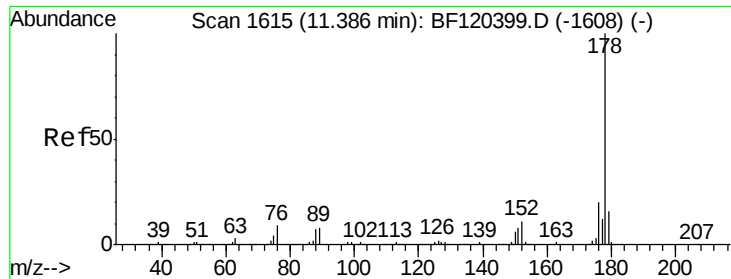
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	723811		
94	9.3		7.9	11.9
80	9.8		8.6	13.0





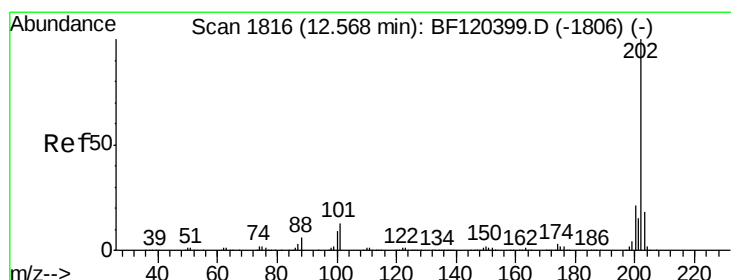
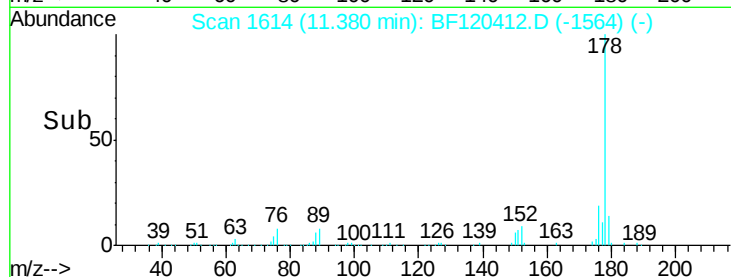
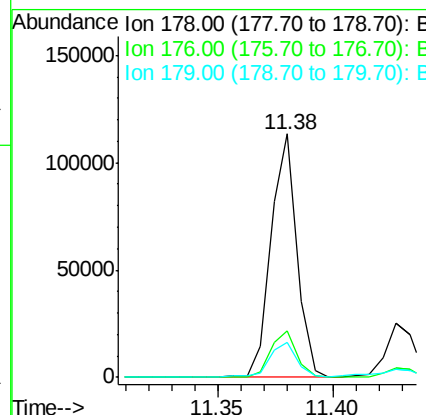
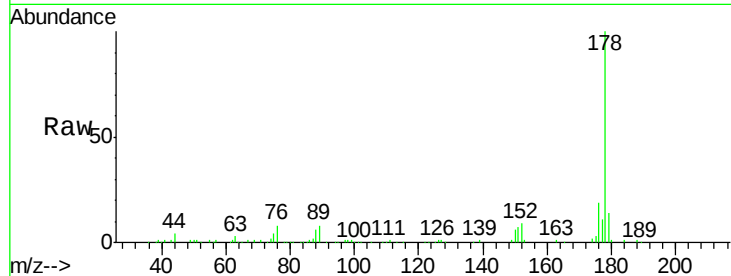
#71
Phenanthrene
Concen: 2.78 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Instrument :
BNA_F
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NM65-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	14.5	13.0	19.4

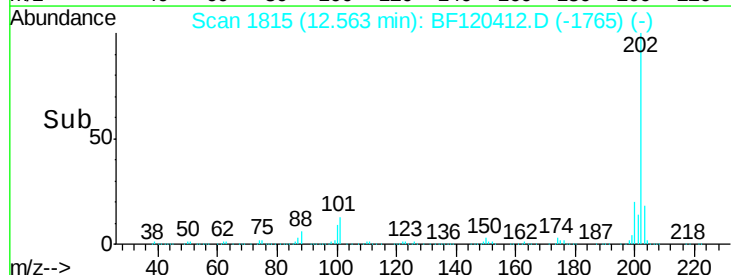
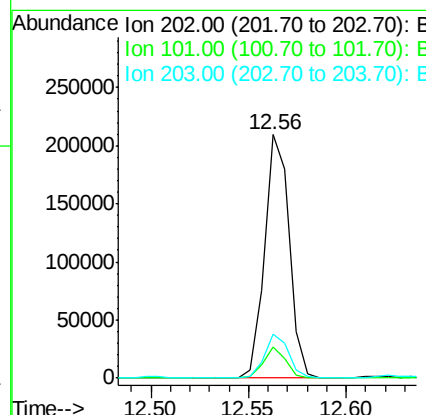
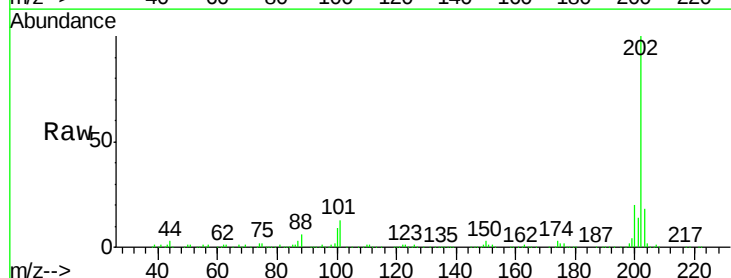
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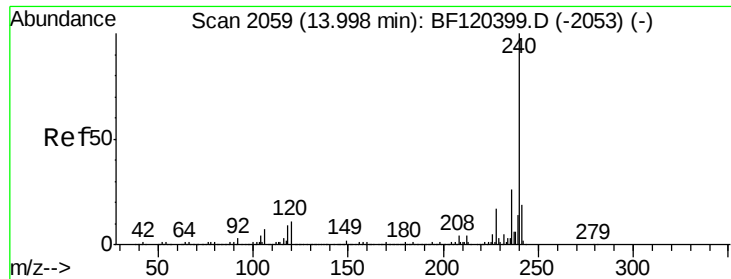
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#75
Fluoranthene
Concen: 5.33 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.6
203	18.3	0.0	38.4





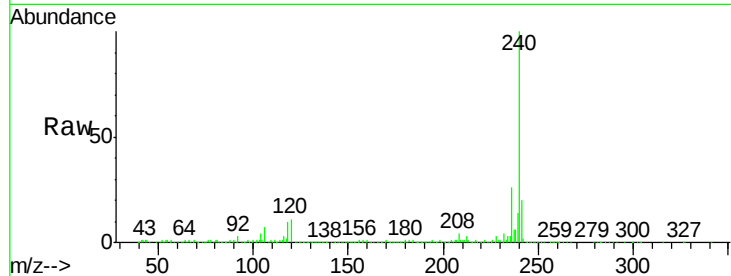
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Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Instrument :
BNA_F
ClientSampleId :
NM65-COMP-2020-0-6

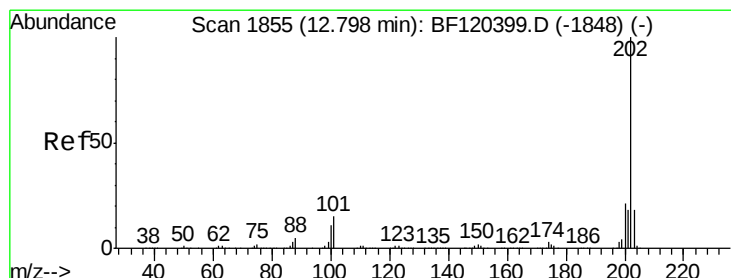
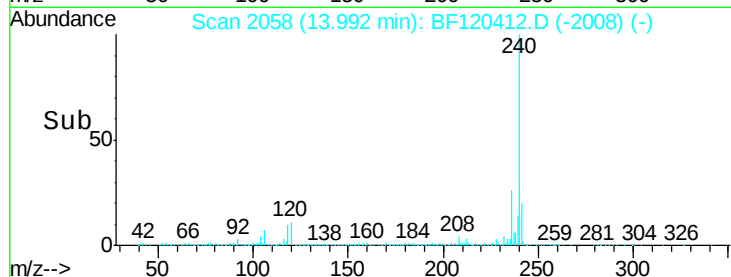
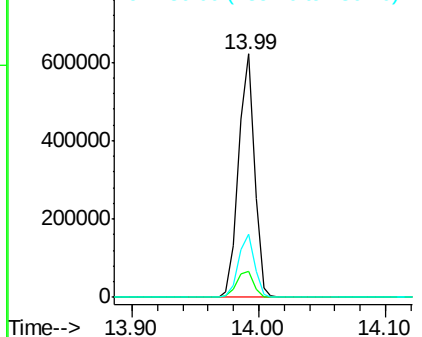
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	534904		
120	10.9	8.8	13.2	
236	26.0	21.0	31.4	

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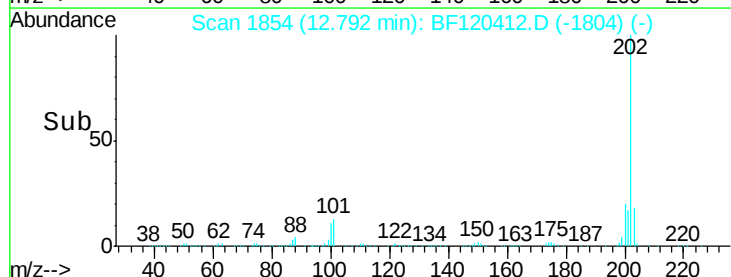
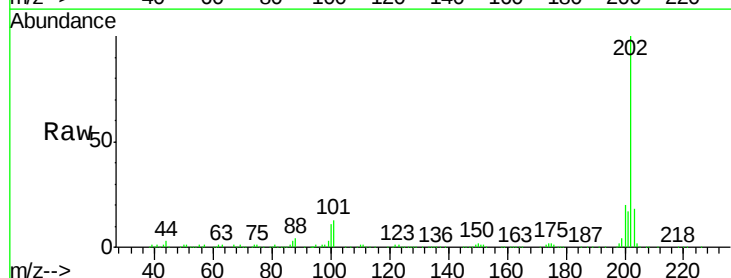
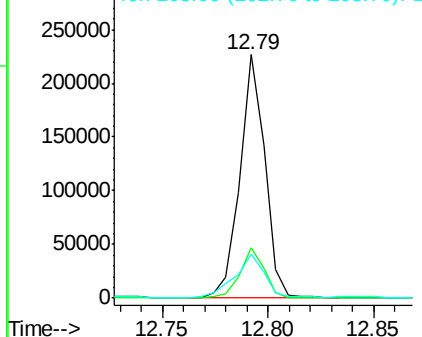
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

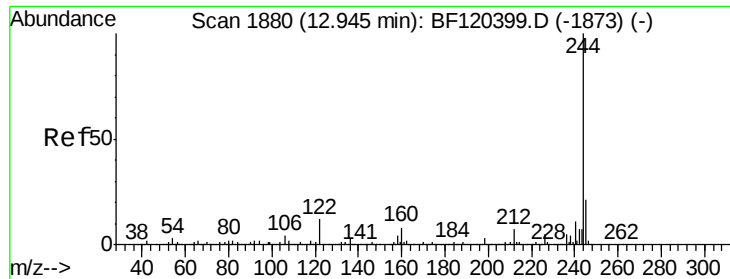


#78
Pyrene
Concen: 4.95 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	184234		
200	20.4	17.0	25.4	
203	18.0	14.7	22.1	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.01 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120412.D

Acq: 28 May 2020 17:07

Instrument :

BNA_F

ClientSampleId :

NM65-COMP-2020-0-6

Tgt Ion:244 Resp: 1779072

Ion Ratio Lower Upper

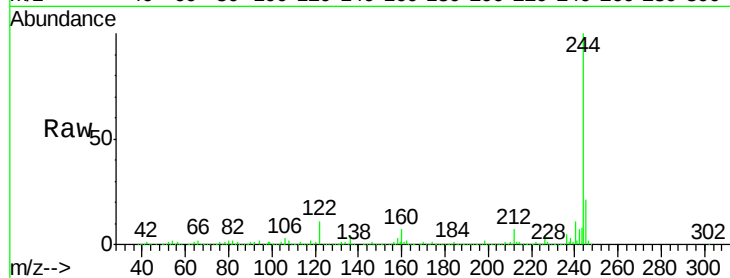
244 100

212 7.0 5.9 8.9

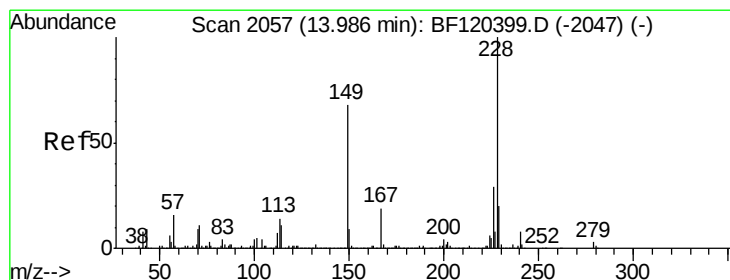
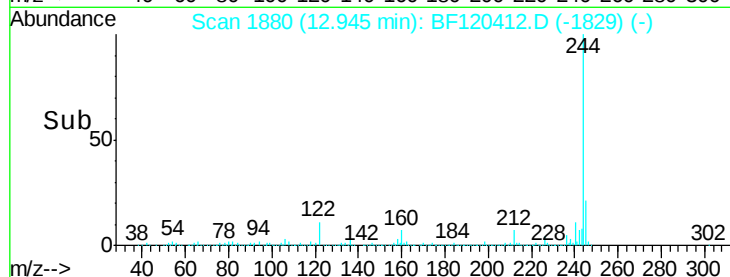
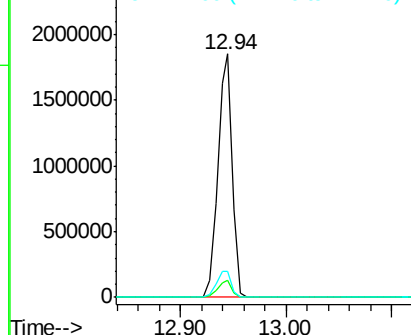
122 10.6 9.2 13.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.44 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120412.D

Acq: 28 May 2020 17:07

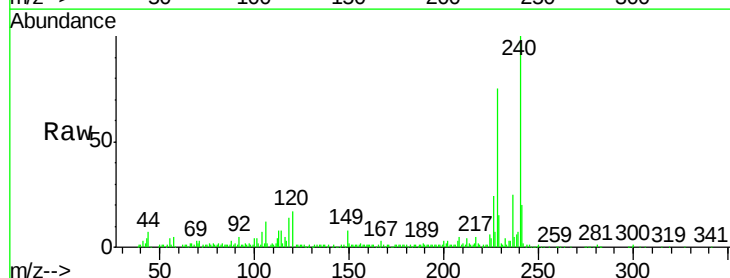
Tgt Ion:228 Resp: 98535

Ion Ratio Lower Upper

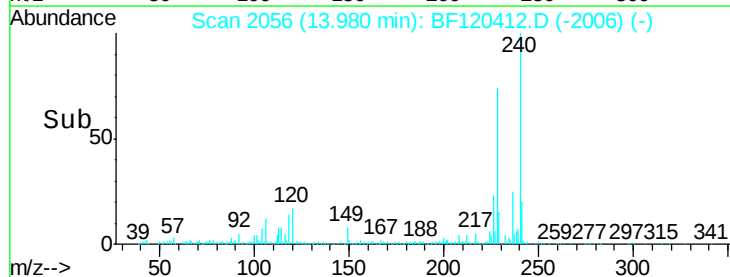
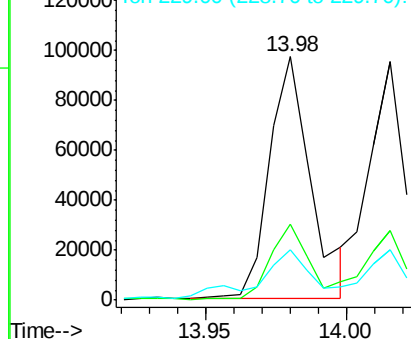
228 100

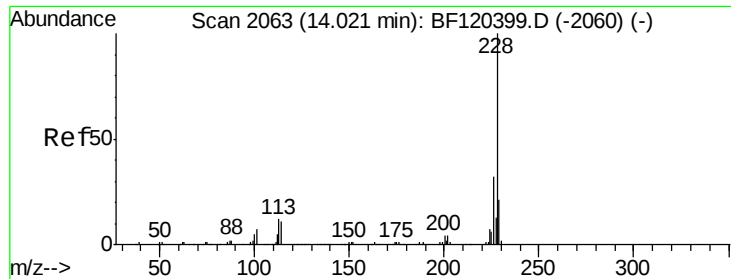
226 31.4 23.0 34.4

229 20.6 16.2 24.4



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





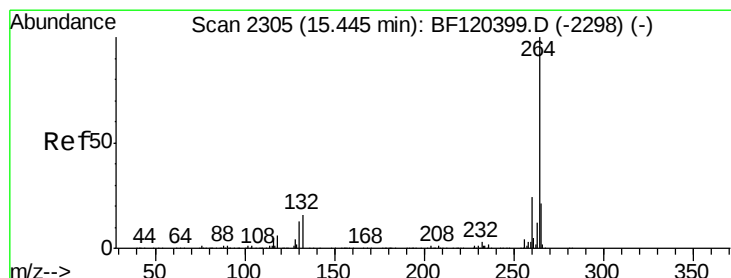
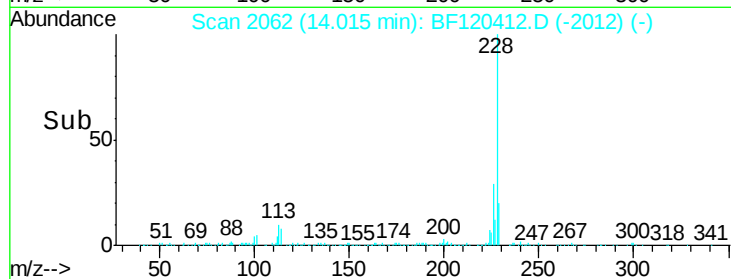
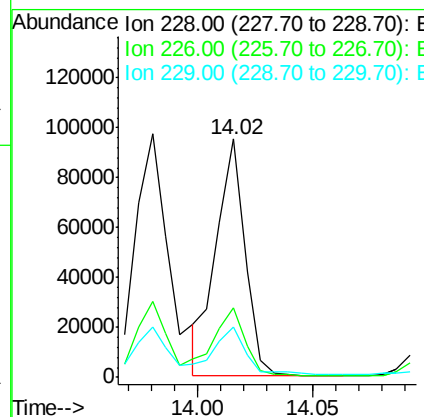
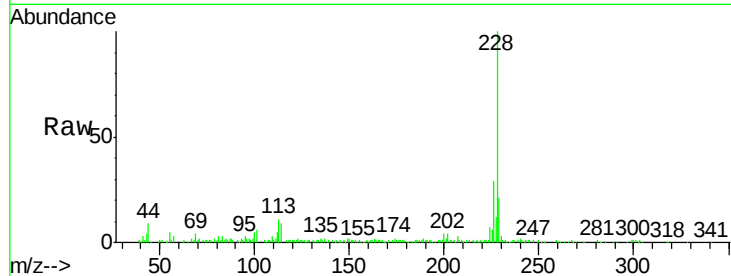
#83
Chrysene
Concen: 2.74 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Instrument :
BNA_F
ClientSampleId :
NM65-COMP-2020-0-6

Tgt Ion:	228	Resp:	82484
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.6	38.4
229	21.1	16.6	25.0

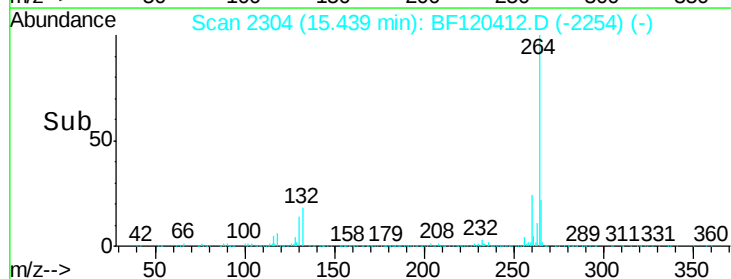
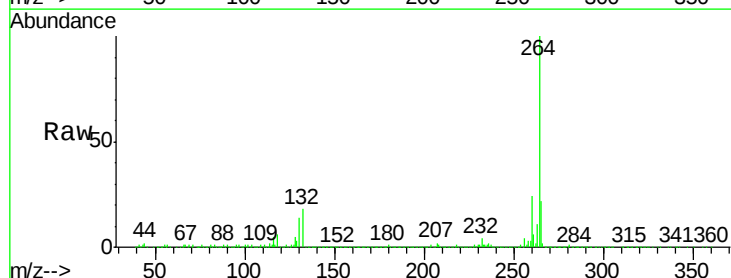
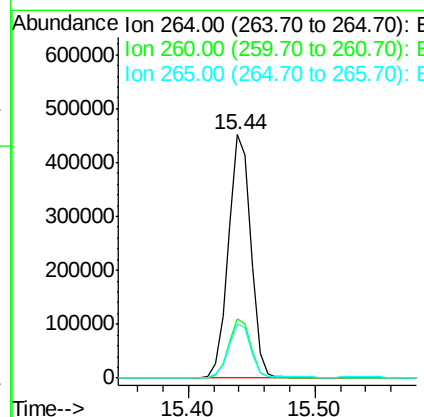
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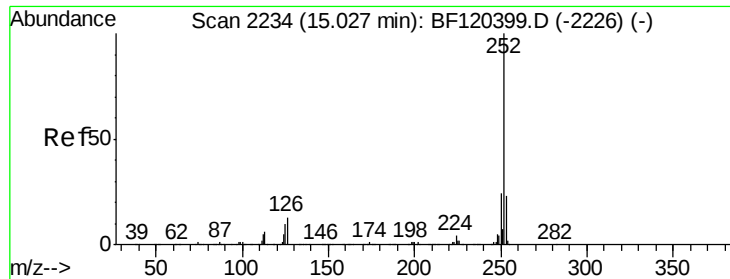
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Tgt Ion:	264	Resp:	552132
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.3	16.9	25.3





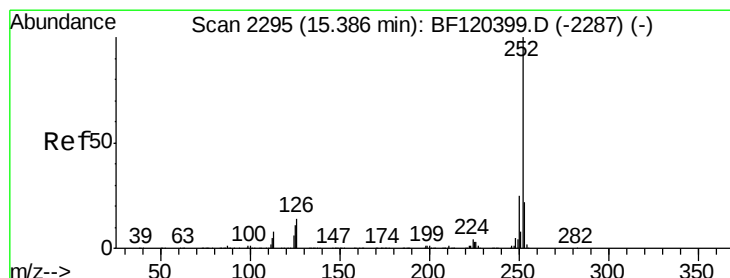
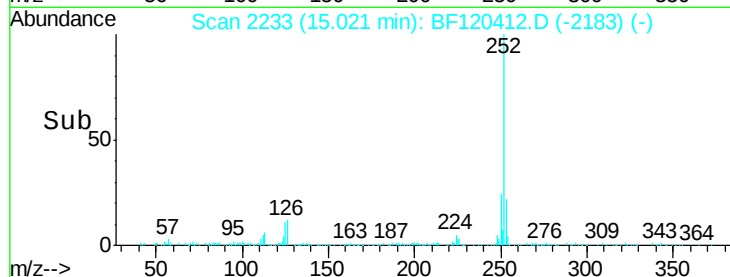
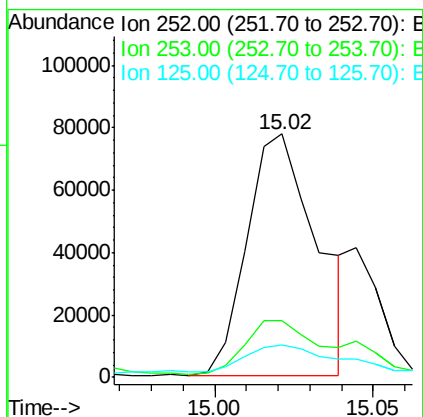
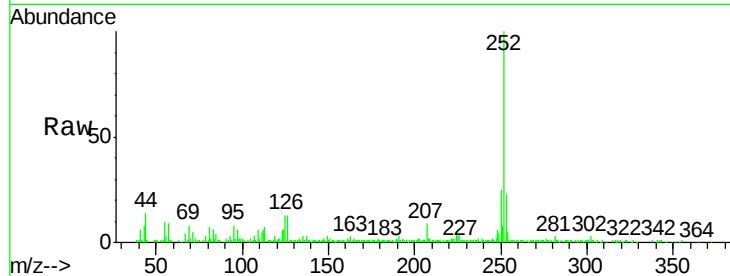
#88
Benzo(b)fluoranthene
Concen: 3.90 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Instrument :
BNA_F
ClientSampleId :
NM65-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119617		
253	23.3	18.1	27.1	
125	13.1	7.8	11.8	

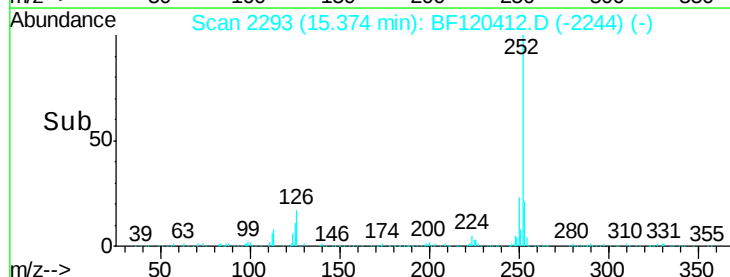
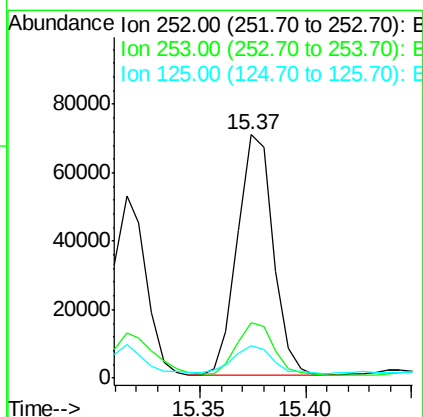
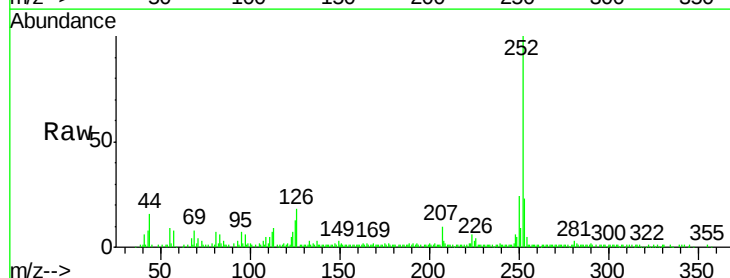
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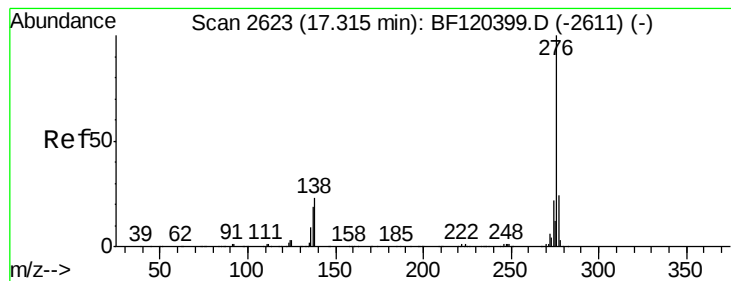
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#90
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.37 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BF120412.D
Acq: 28 May 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	83202		
253	22.7	17.4	26.0	
125	13.2	8.7	13.1	





#92

Benzo(g,h,i)perylene

Concen: 2.07 ng

RT: 17.30 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF120412.D

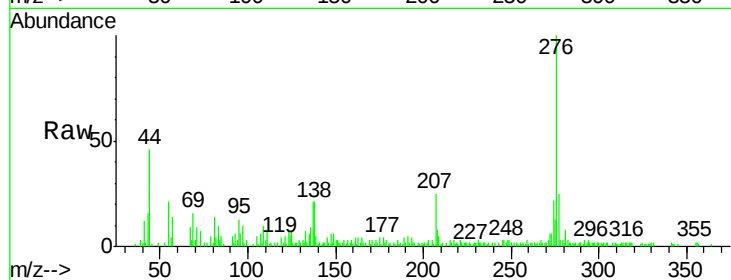
Acq: 28 May 2020 17:07

Instrument :

BNA_F

ClientSampleId :

NM65-COMP-2020-0-6



Tgt Ion:	276	Resp:	50242
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.5	29.3
138	21.1	18.1	27.1

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