

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112014.D
 Acq On : 11 Jan 2019 14:46
 Operator : JU/SJ
 Sample : K1088-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(10-15)

Manual Integrations
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Sohil
 1/14/2019 4:10:13 PM

Quant Time: Jan 11 22:31:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118852	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	321757	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	136723	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	212268	20.00	ng	0.02
76) Chrysene-d12	14.10	240	201378	20.00	ng	0.06
87) Perylene-d12	15.60	264	160583	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	697538	100.41	ng	0.00
7) Phenol-d6	6.52	99	890187	99.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	435714	72.37	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	163611	92.00	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	697330	74.37	ng	0.00
79) Terphenyl-d14	13.03	244	671308	63.28	ng	0.04
Target Compounds						
10) Phenol	6.53	94	44352	4.557	ng	# 75
50) Dimethylphthalate	9.62	163	106459	10.365	ng	# 89
52) Acenaphthene	9.95	154	173823	20.318	ng	# 90
55) Dibenzofuran	10.12	168	89142	7.165	ng	# 84
58) Fluorene	10.47	166	146957	16.233	ng	# 93
71) Phenanthrene	11.44	178	310778	27.384	ng	# 90
72) Anthracene	11.50	178	159857	13.876	ng	# 84
75) Fluoranthene	12.67	202	587954	50.465	ng	# 94
78) Pyrene	12.90	202	559994m	40.415	ng	# 76
81) Benzo(a)anthracene	14.09	228	184288	15.901	ng	# 76
83) Chrysene	14.13	228	175790	15.908	ng	# 86
84) Bis(2-ethylhexyl)phthalate	14.06	149	257755	33.505	ng	# 98
86) Indeno(1,2,3-cd)pyrene	17.09	276	41677	5.173	ng	# 1
88) Benzo(b)fluoranthene	15.16	252	115889m	12.064	ng	# 71
89) Benzo(k)fluoranthene	15.17	252	35568m	3.939	ng	# 71
90) Benzo(a)pyrene	15.53	252	93571	11.078	ng	# 71
92) Benzo(a,h,i)perylene	17.53	276	43336	6.522	ng	# 71

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

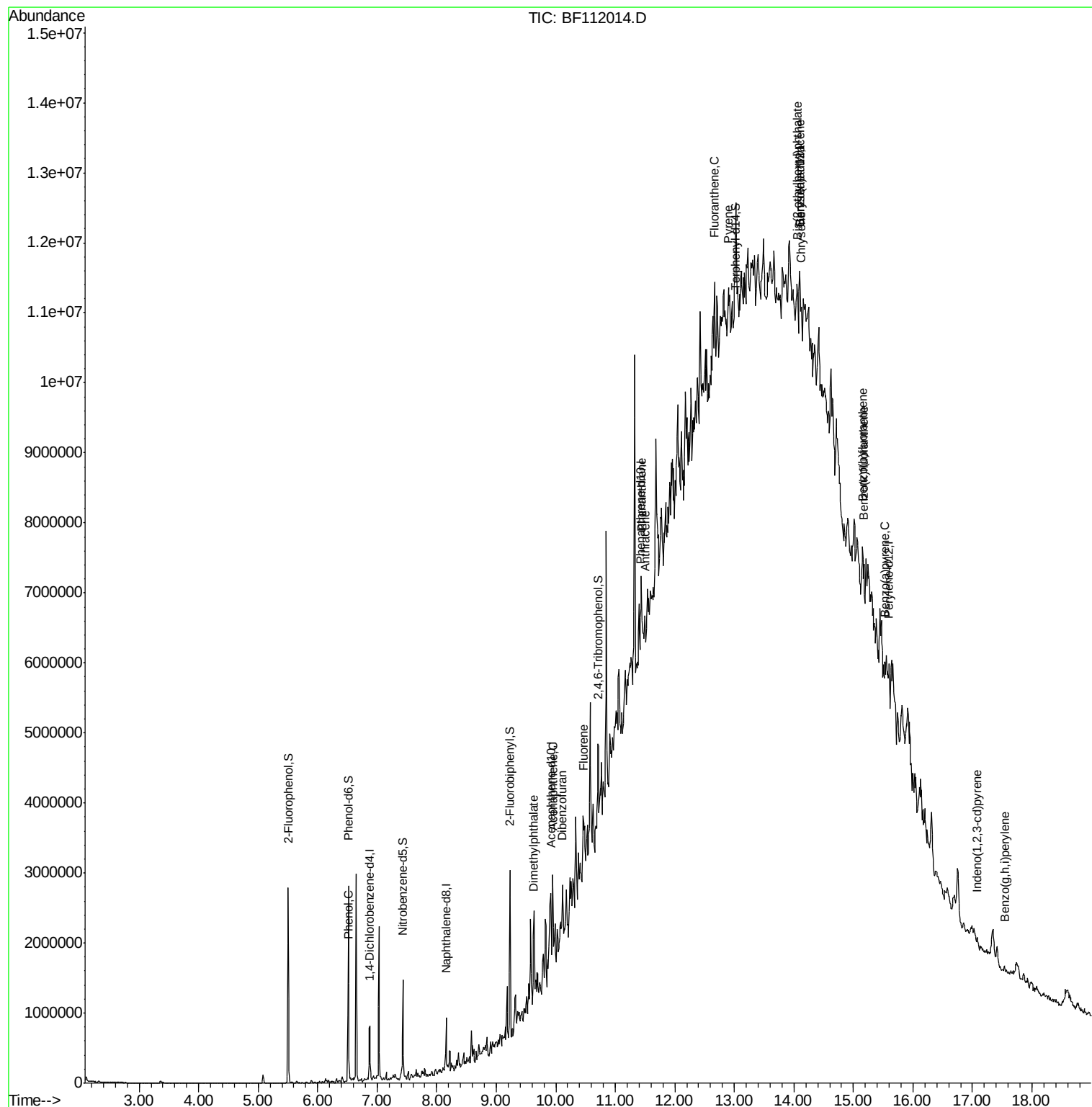
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112014.D
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Sample : K1088-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

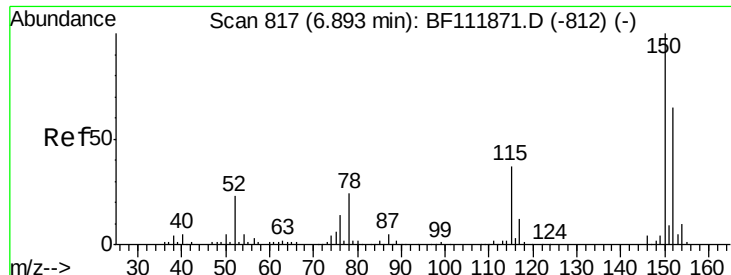
Instrument :
BNA_F
ClientSampled :
CPSB-06(10-15)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

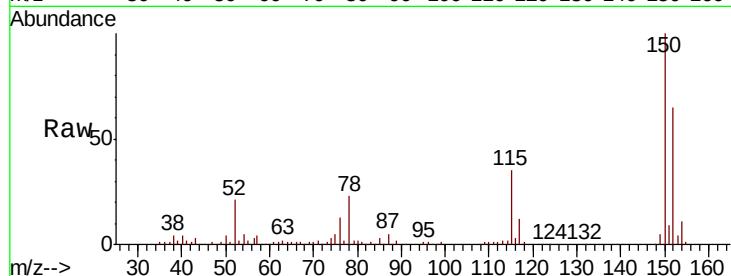
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	53.7	45.2	67.8

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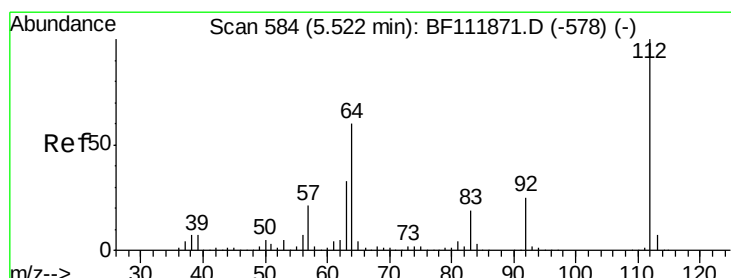
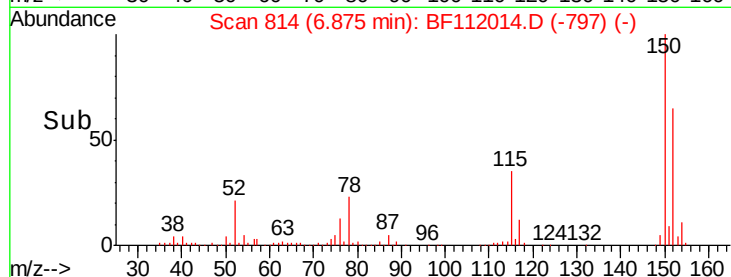
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

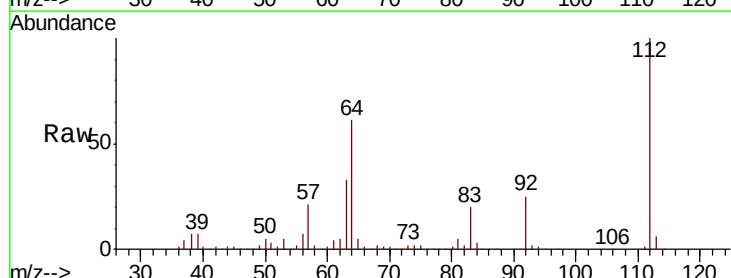
Time-->



#5

2-Fluorophenol
Concen: 100.407 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.3	72.5
63	33.5	26.1	39.1



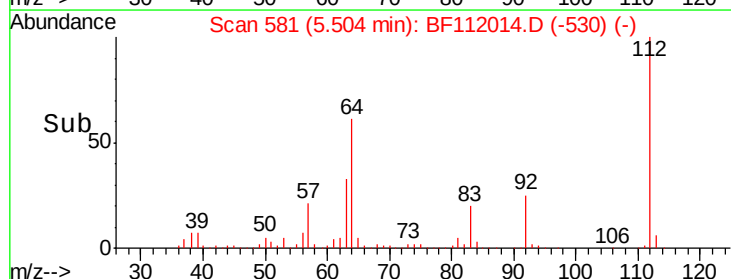
Abundance

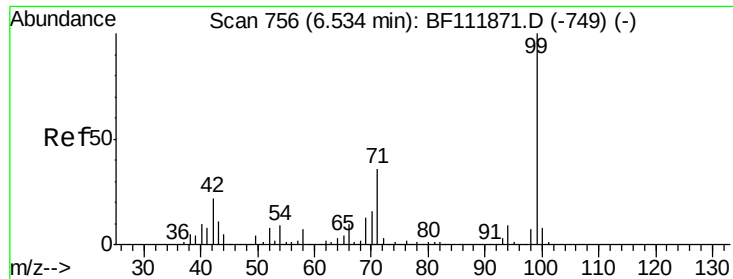
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 99.418 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

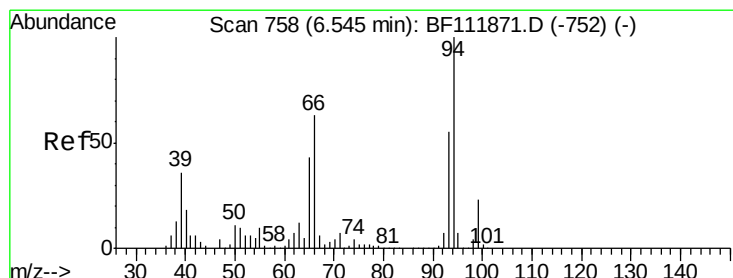
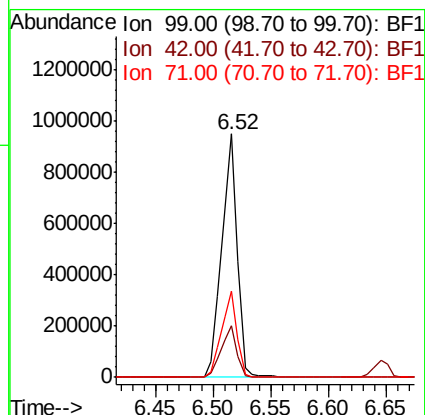
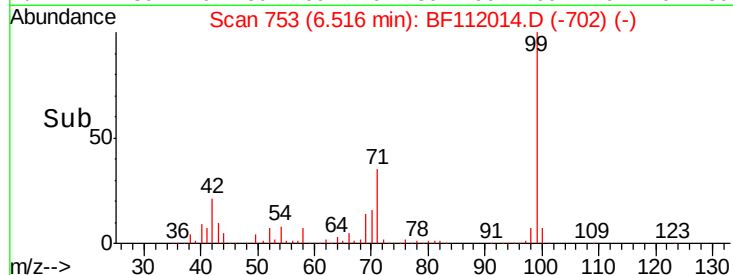
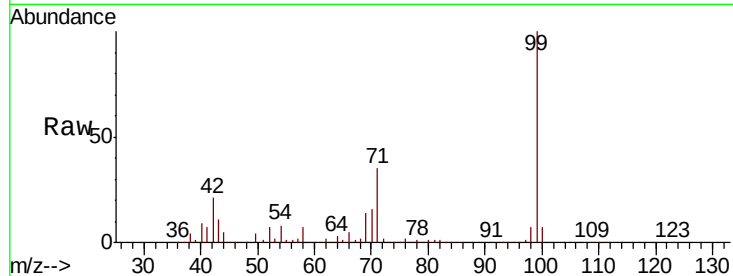
ClientSampleId :

CPSB-06(10-15)

Tot Ion:	99	Resp:	890187
Ion Ratio	Lower	Upper	
99	100		
42	21.4	17.9	26.9
71	35.2	28.7	43.1

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#10

Phenol

Concen: 4.557 ng

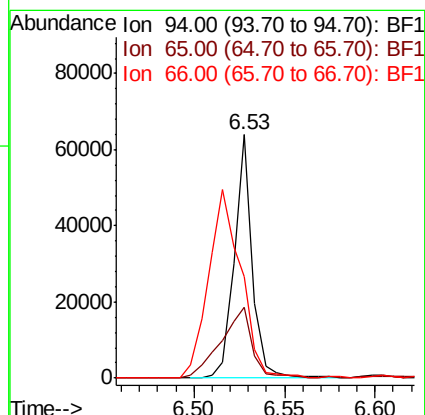
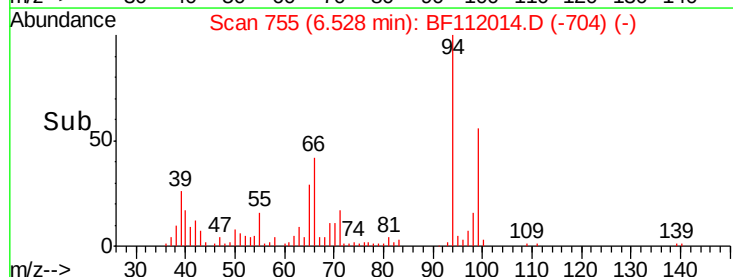
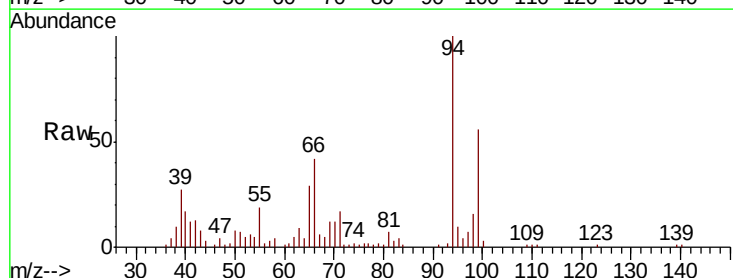
RT: 6.53 min Scan# 755

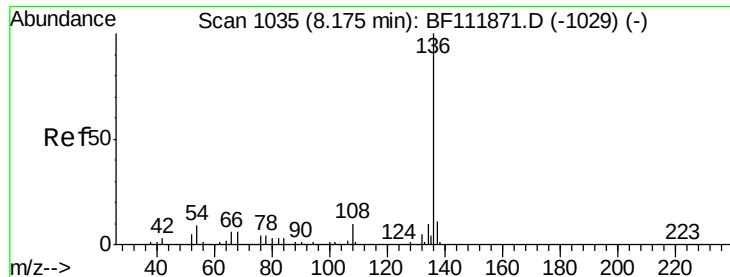
Delta R.T. -0.00 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Tgt Ion:	94	Resp:	44352
Ion Ratio	Lower	Upper	
94	100		
65	29.1	22.8	62.8
66	41.6	43.3	83.3#





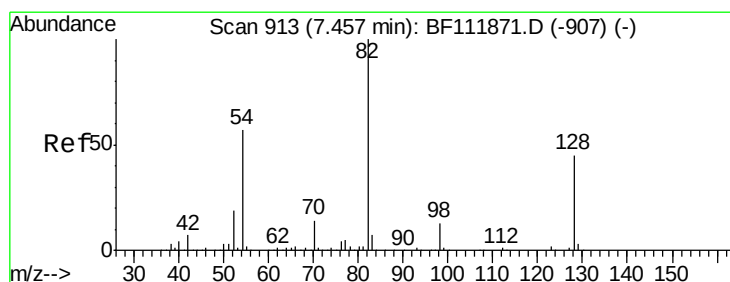
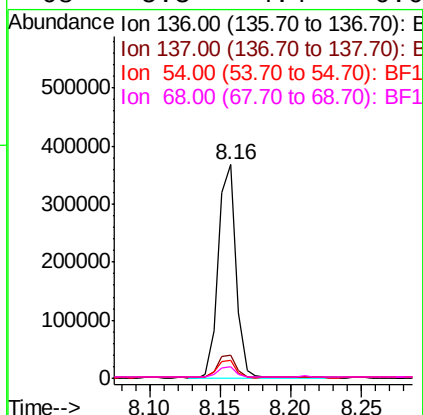
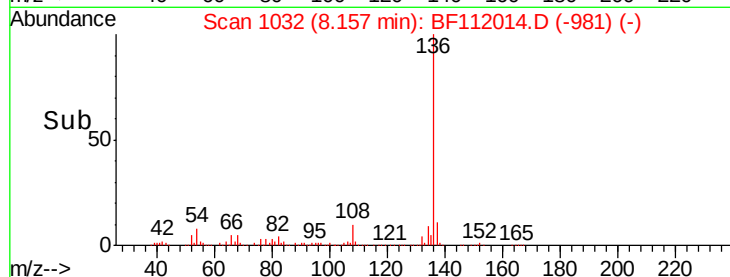
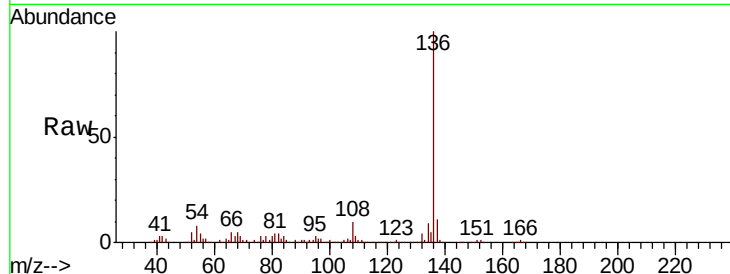
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	8.1	7.2	10.8	
68	5.3	4.4	6.6	

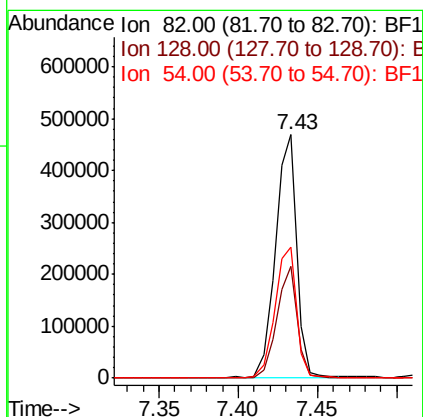
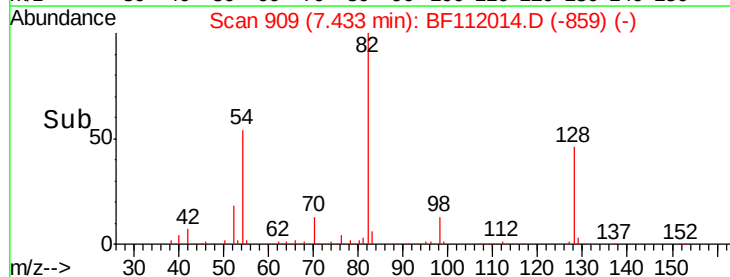
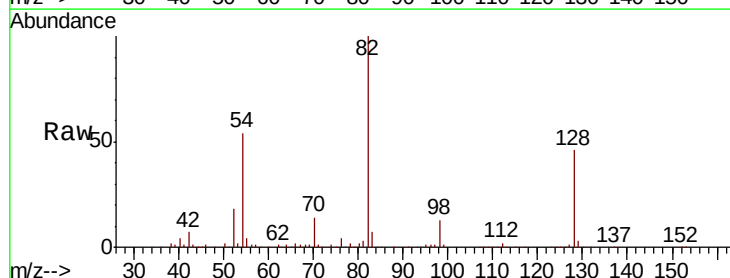
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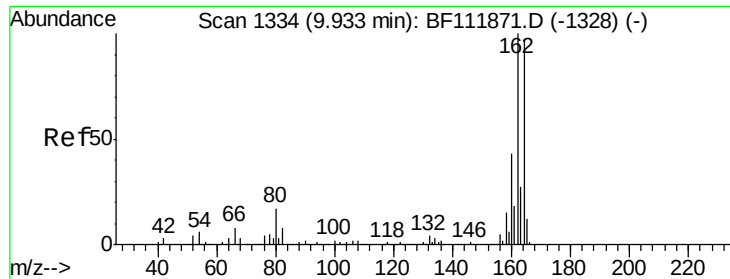
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#23
Nitrobenzene-d5
Concen: 72.374 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	35.7	53.5	
54	53.9	45.8	68.8	





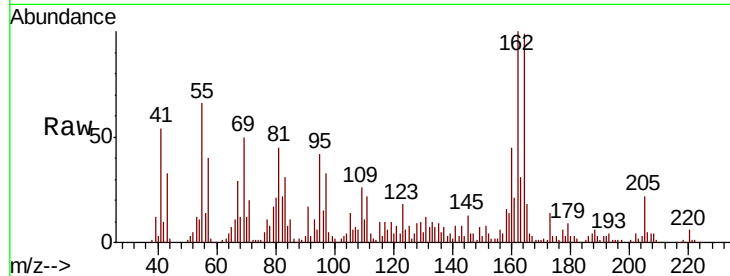
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	45.1	35.5	53.3

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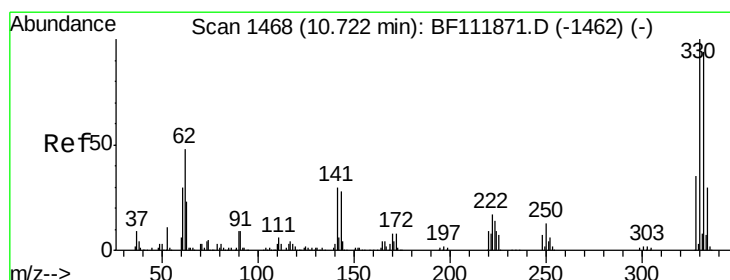
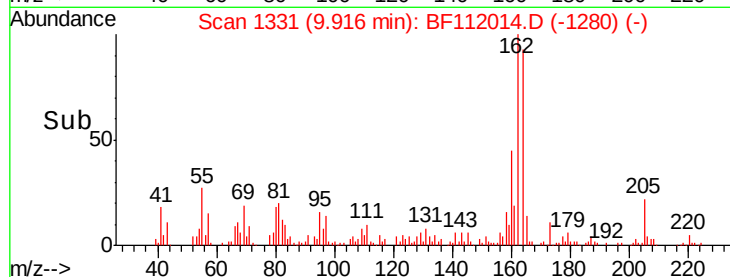
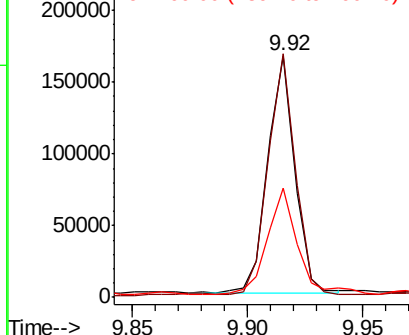


Abundance

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: 92.001 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

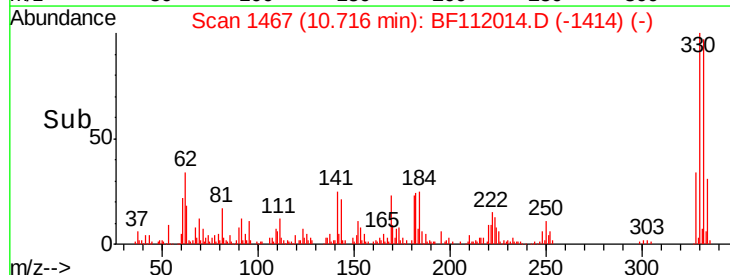
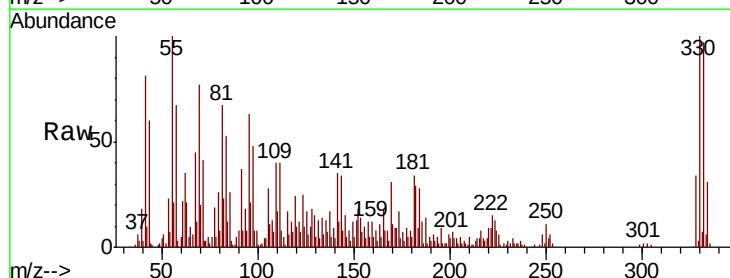
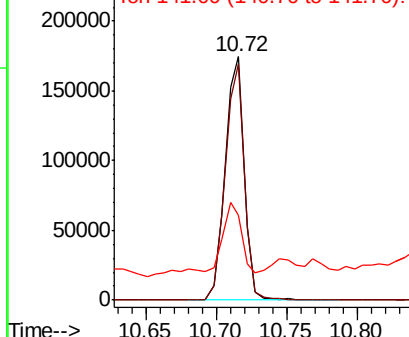
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	26.9	23.7	35.5

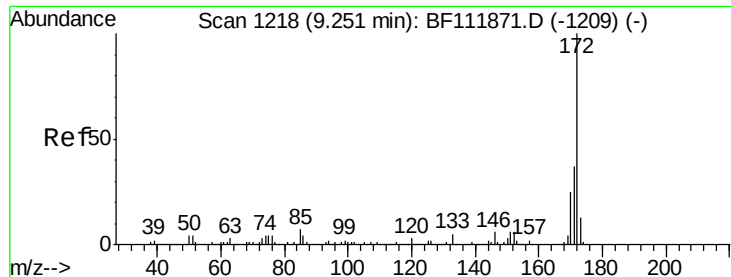
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





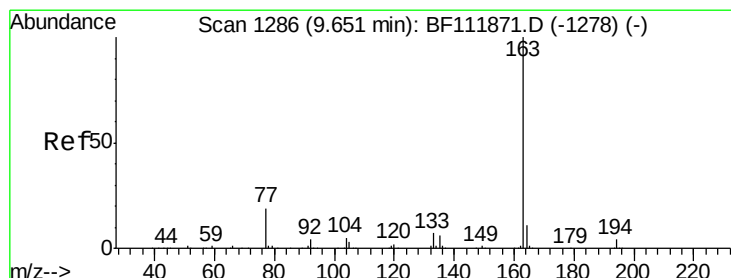
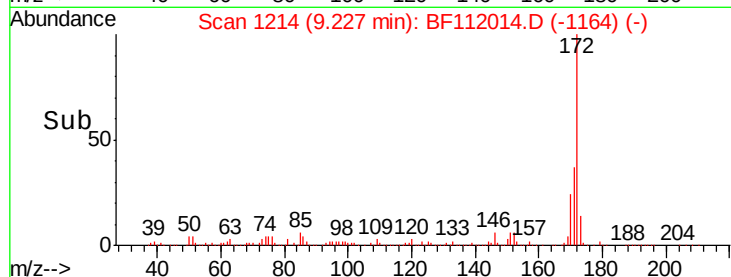
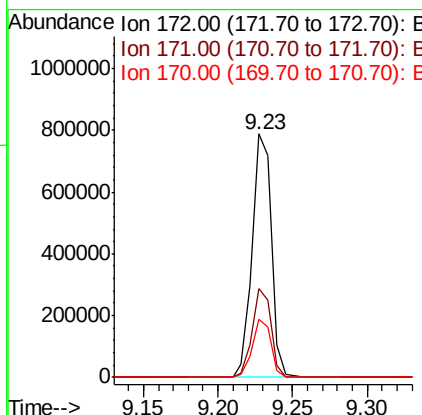
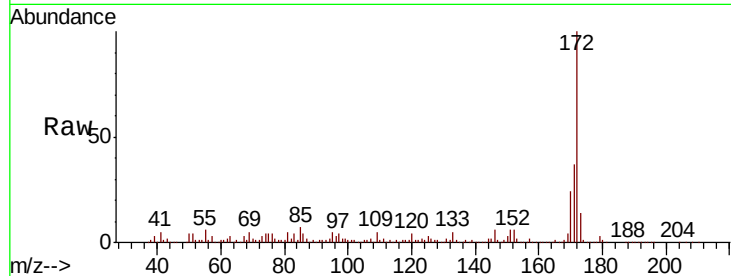
#45
2-Fluorobiphenyl
Concen: 74.373 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampled :
CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.6	19.8	29.8

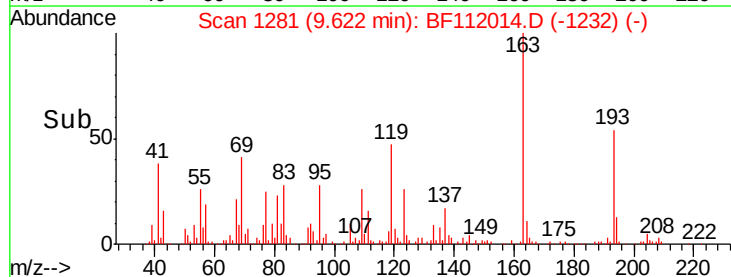
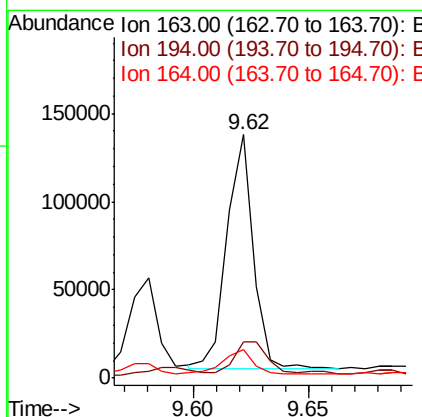
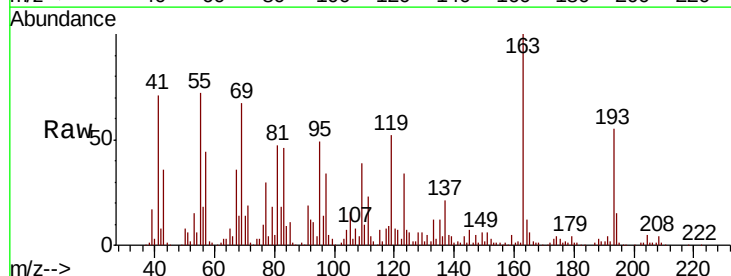
Manual Integrations
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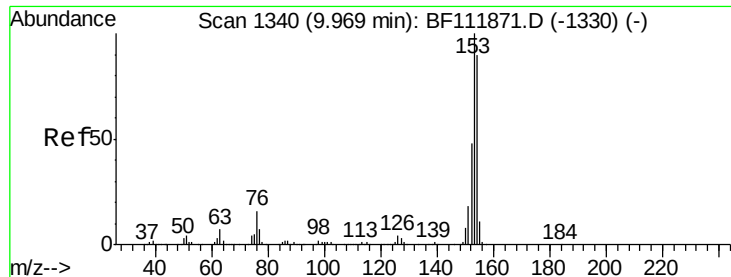
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#50
Dimethylphthalate
Concen: 10.365 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	14.8	3.4	5.2#
164	11.7	8.5	12.7





#52

Acenaphthene

Concen: 20.318 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

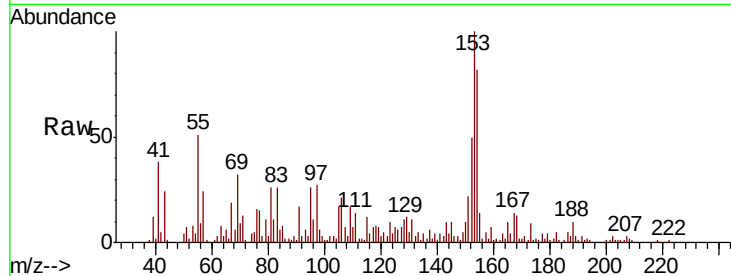
ClientSampleId :

CPSB-06(10-15)

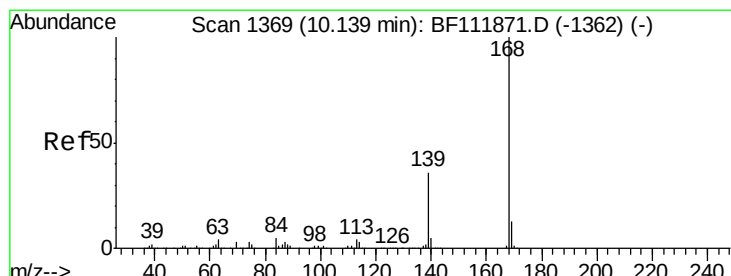
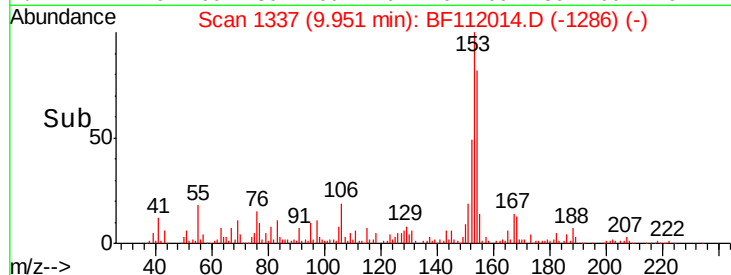
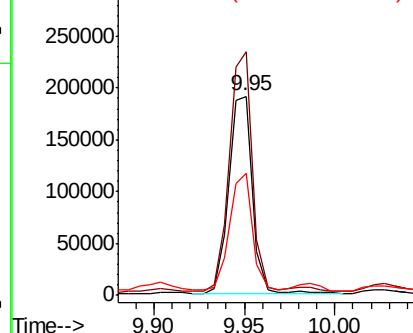
Tot Ion:	154	Resp:	173823
Ion Ratio	Lower	Upper	
154	100		
153	122.4	89.4	134.0
152	61.5	43.1	64.7

Manual Integrations
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1/14/2019 4:10:13 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 7.165 ng

RT: 10.12 min Scan# 1366

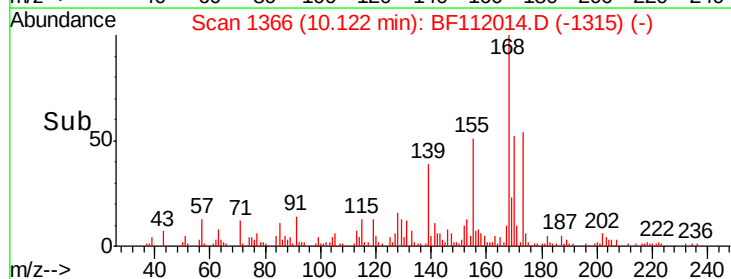
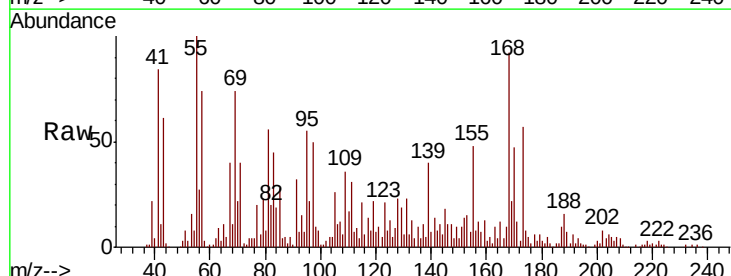
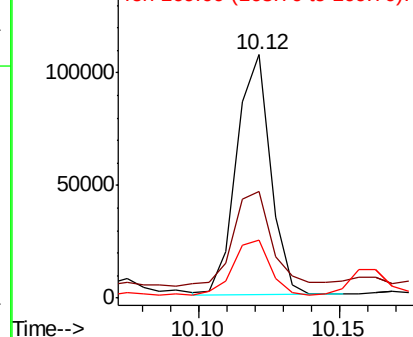
Delta R.T. -0.00 min

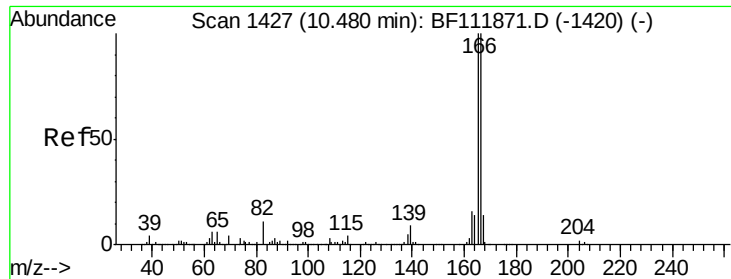
Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Tgt Ion:	168	Resp:	89142
Ion Ratio	Lower	Upper	
168	100		
139	43.9	29.3	43.9
169	23.7	10.6	16.0#

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





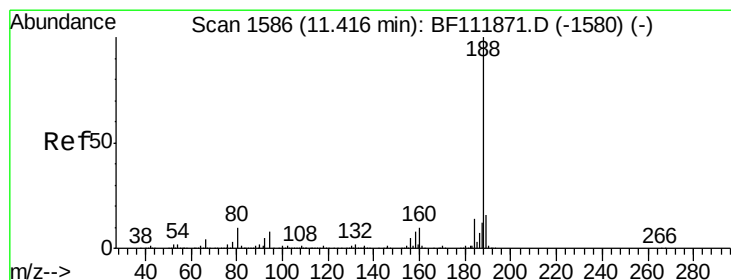
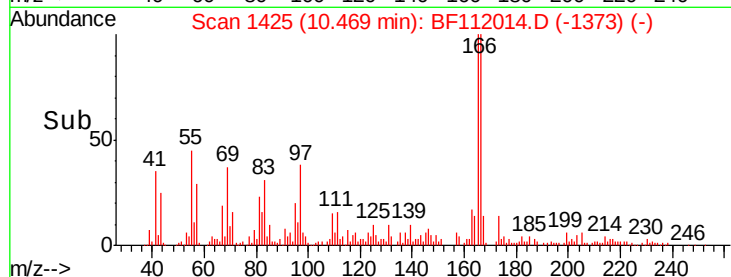
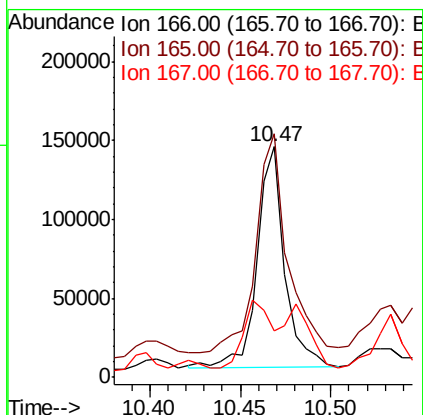
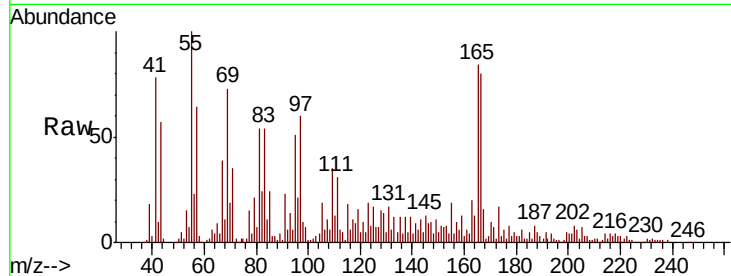
#58
 Fluorene
 Concen: 16.233 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF112014.D
 Acq: 11 Jan 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(10-15)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	105.7	79.7	119.5		
167	20.0	11.1	16.7#		

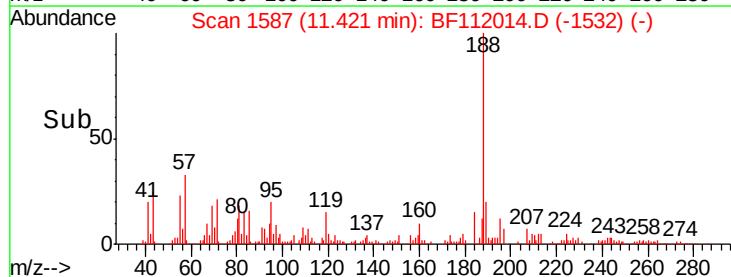
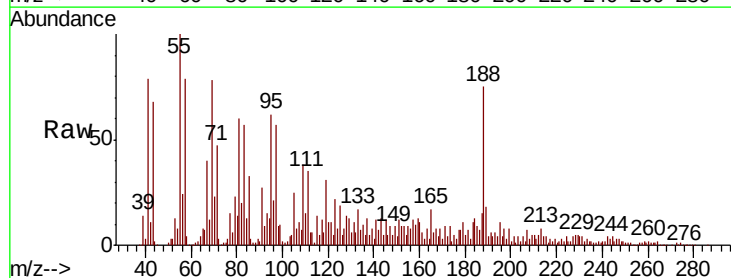
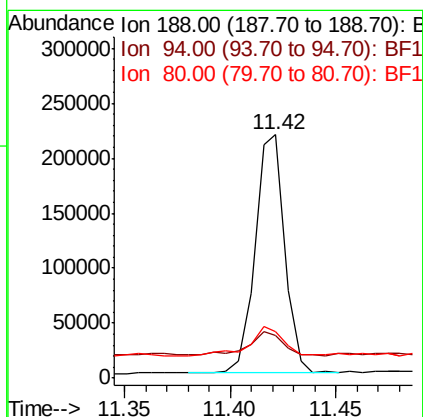
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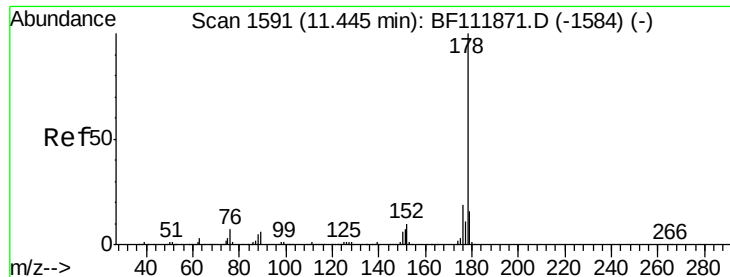
Sohil
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.02 min
 Lab File: BF112014.D
 Acq: 11 Jan 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	17.7	6.6	10.0#		
80	19.1	7.7	11.5#		





#71

Phenanthrene

Concen: 27.384 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.02 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

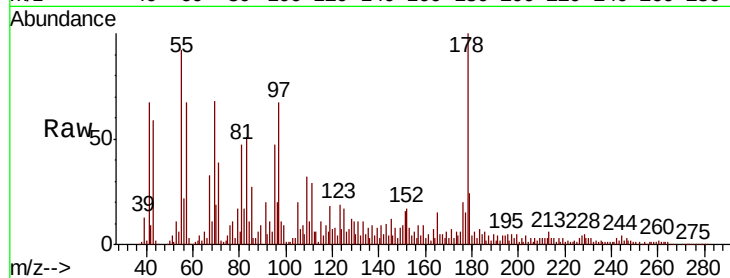
ClientSampled :

CPSB-06(10-15)

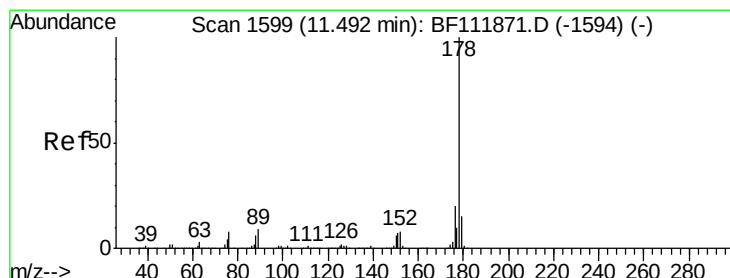
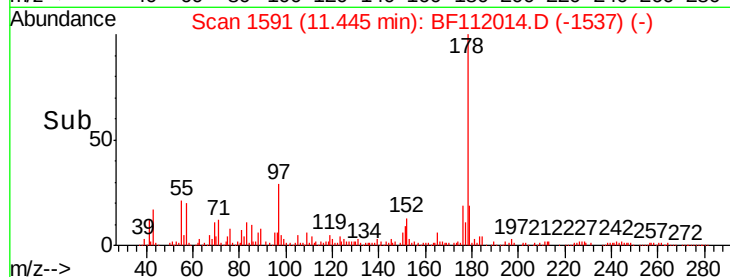
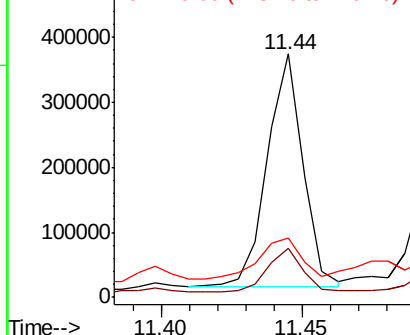
Tot Ion:178	Resp:	310778
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.6 23.4
179	24.4	12.6 18.8#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.876 ng

RT: 11.50 min Scan# 1600

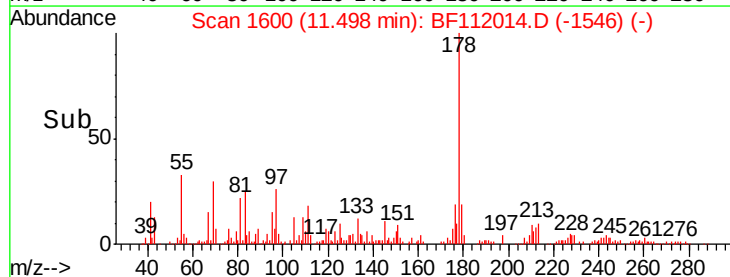
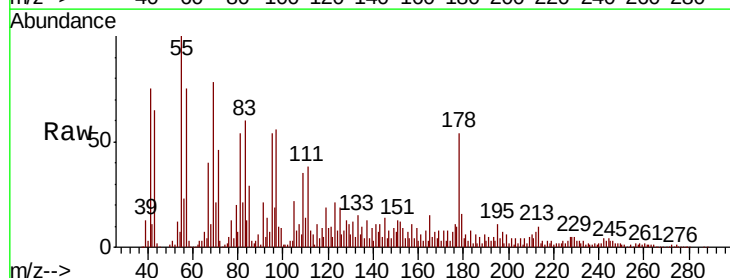
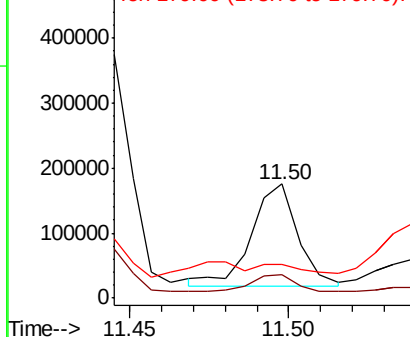
Delta R.T. 0.02 min

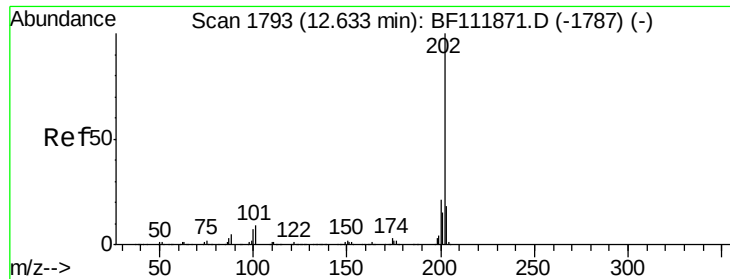
Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Tgt Ion:178	Resp:	159857
Ion Ratio	Lower	Upper
178	100	
176	21.1	15.7 23.5
179	29.4	12.4 18.6#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 50.465 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.05 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

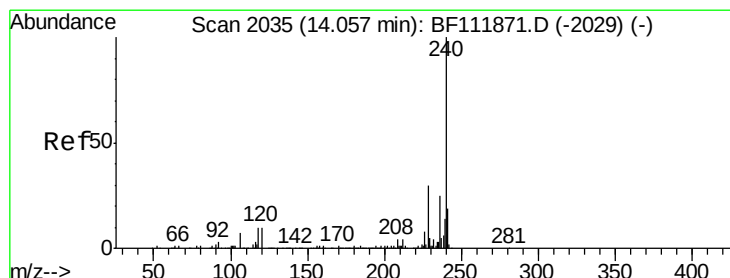
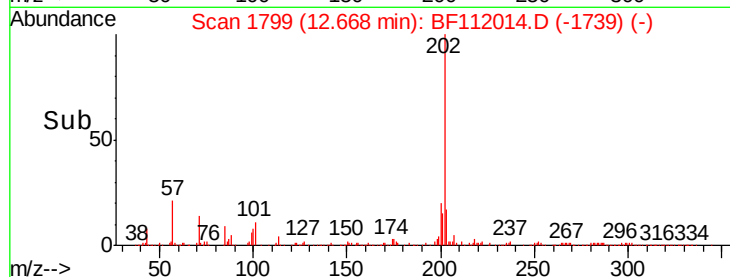
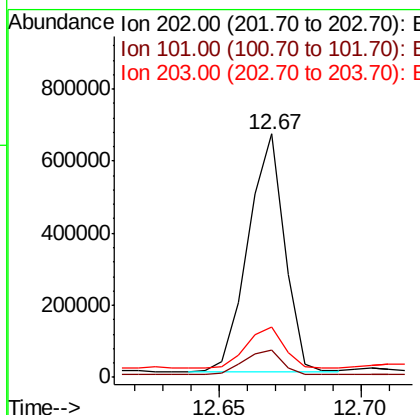
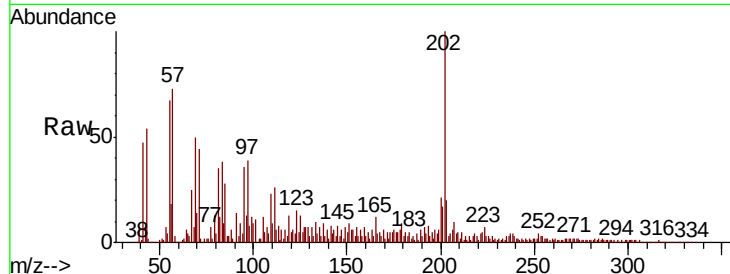
ClientSampleId :

CPSB-06(10-15)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	29.3
203	20.4	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

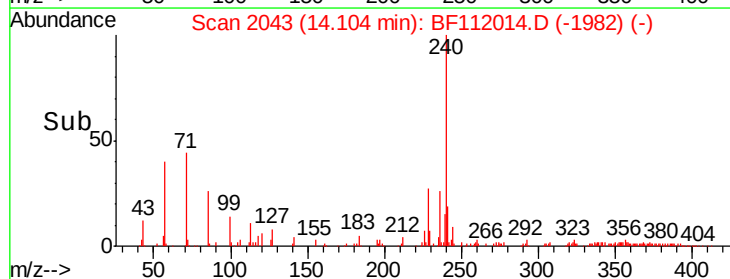
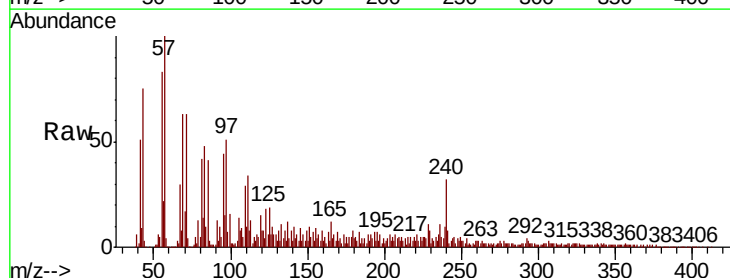
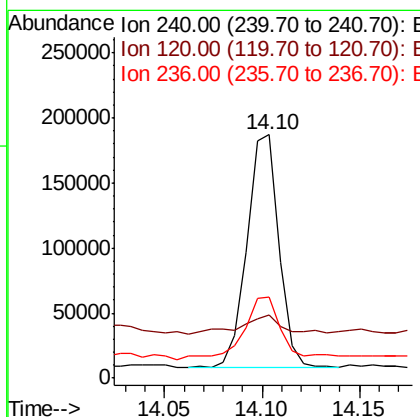
RT: 14.10 min Scan# 2043

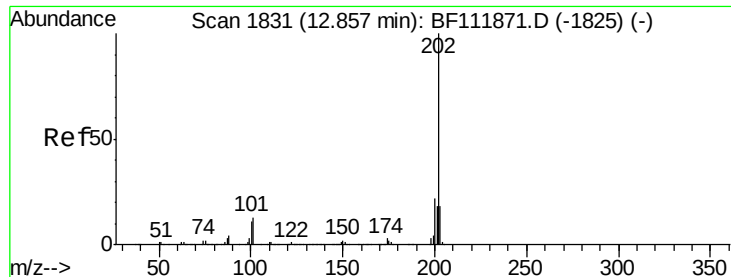
Delta R.T. 0.06 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	25.8	8.2	12.2#
236	33.5	20.2	30.4#





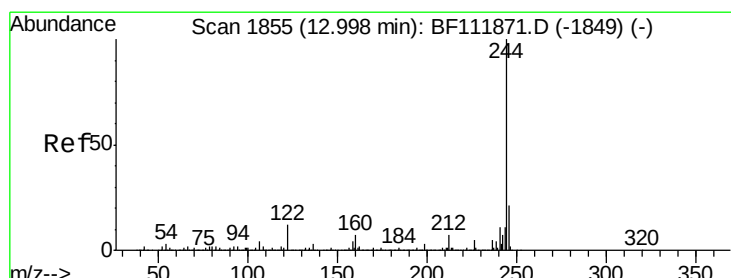
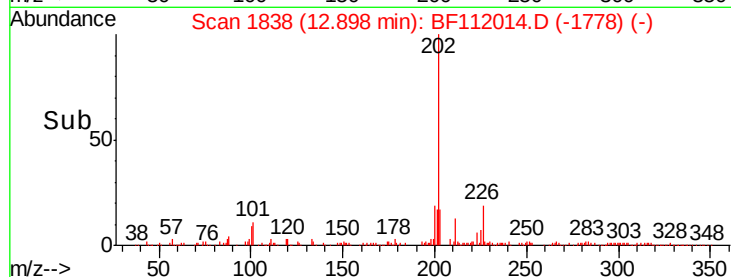
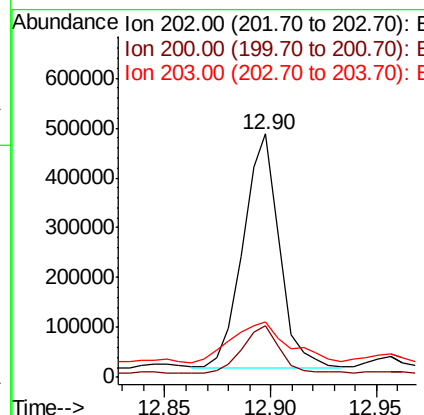
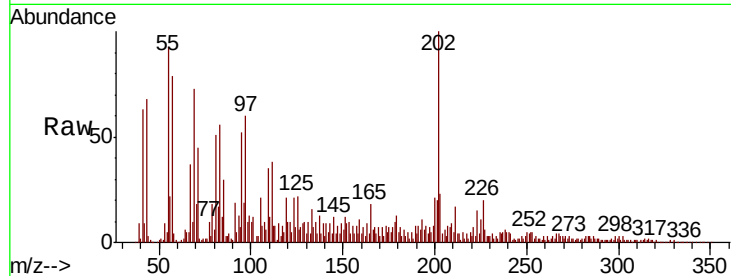
#78
Pvrene
Concen: 40.415 ng/mL
RT: 12.90 min Scan# 1838
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	22.6	14.6	21.8

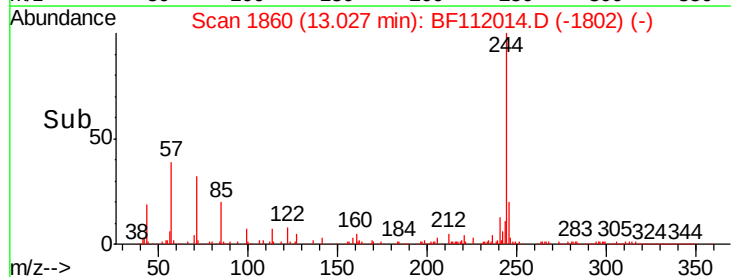
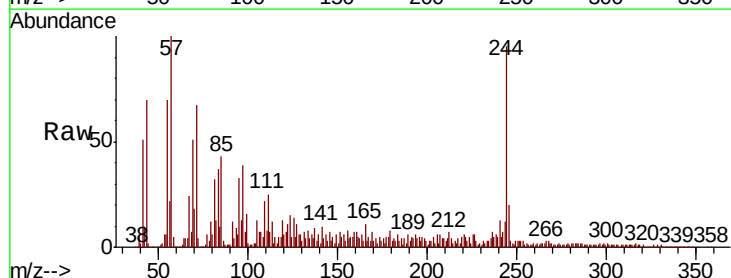
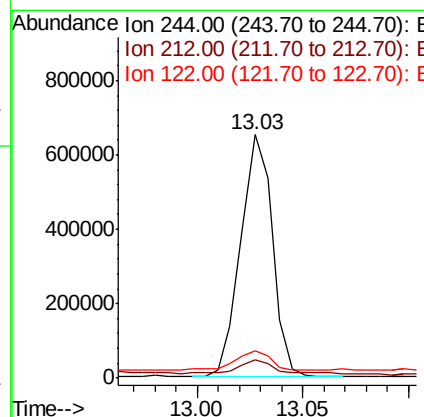
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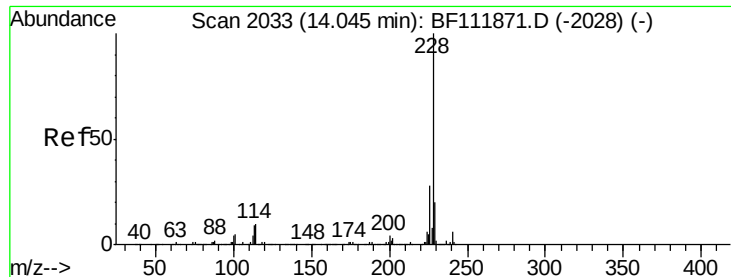
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#79
Terphenyl-d14
Concen: 63.279 ng/mL
RT: 13.03 min Scan# 1860
Delta R.T. 0.04 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.3	9.5	14.3





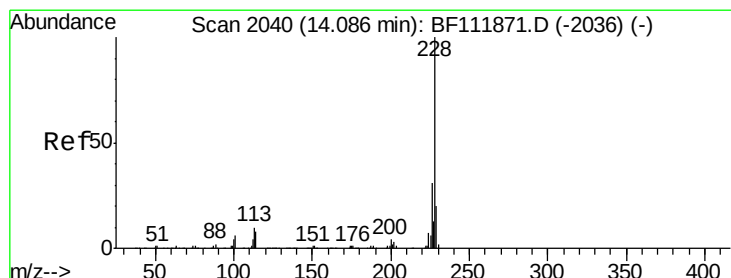
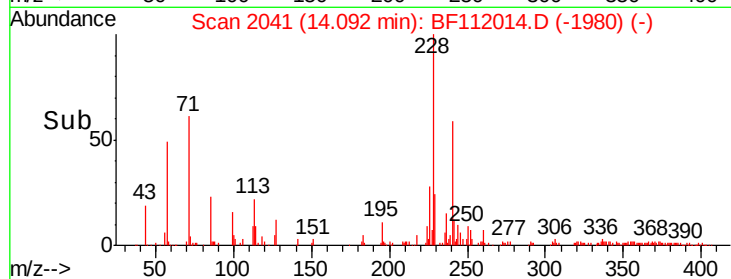
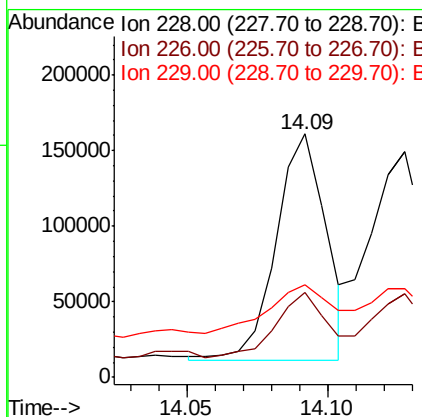
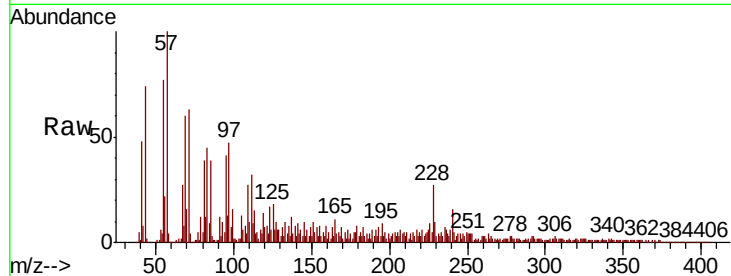
#81
Benzo(a)anthracene
Concen: 15.901 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.06 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.2	33.2#
229	37.9	16.2	24.2#

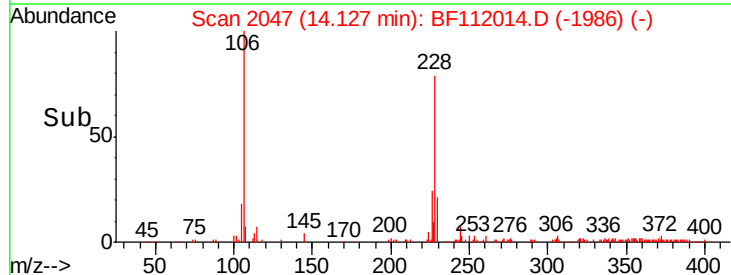
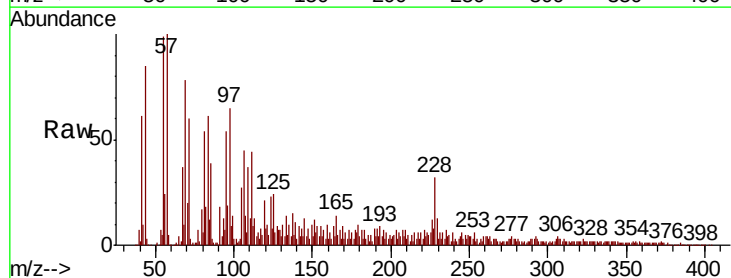
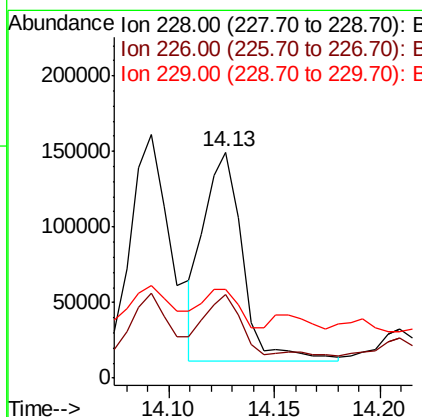
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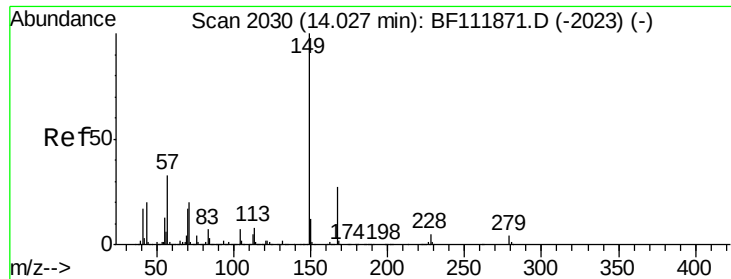
Sohil
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#83
Chrysene
Concen: 15.908 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.06 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.6	37.0#
229	39.3	15.7	23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.505 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.04 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

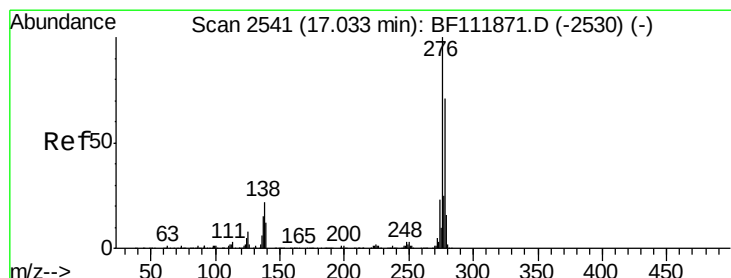
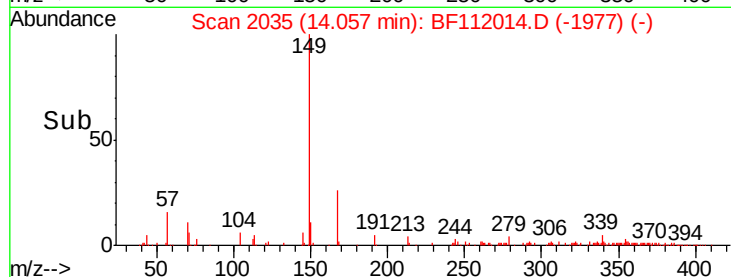
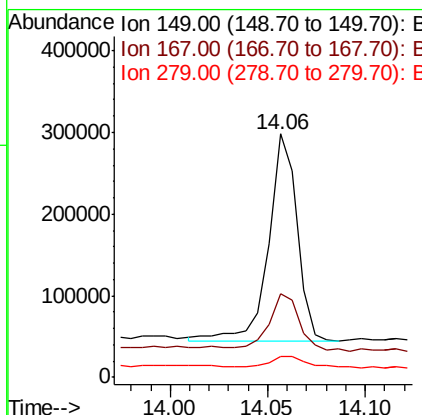
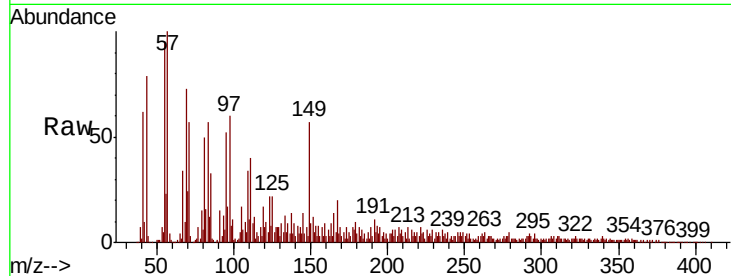
ClientSampleId :

CPSB-06(10-15)

Tot Ion:	149	Resp:	257755
Ion Ratio	Lower	Upper	
149	100		
167	34.4	21.5	32.3#
279	8.5	3.0	4.6#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 5.173 ng

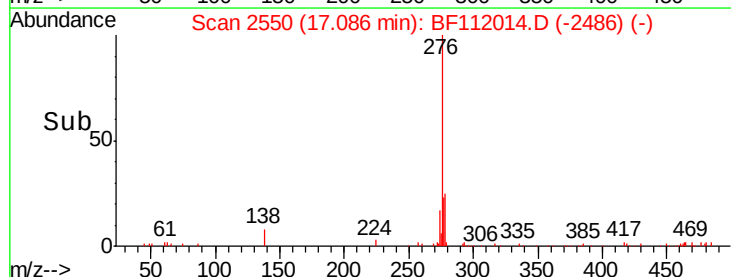
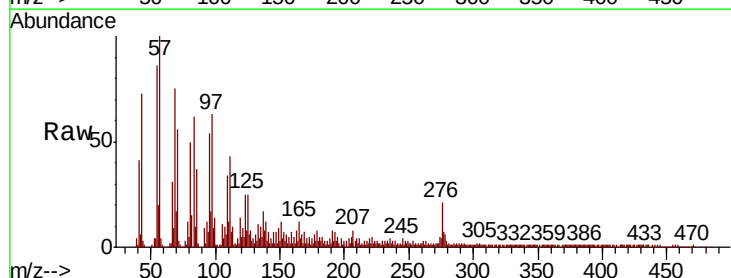
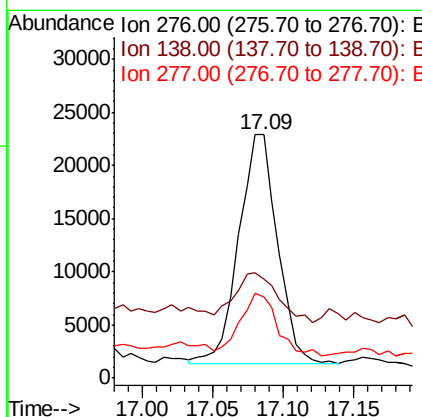
RT: 17.09 min Scan# 2550

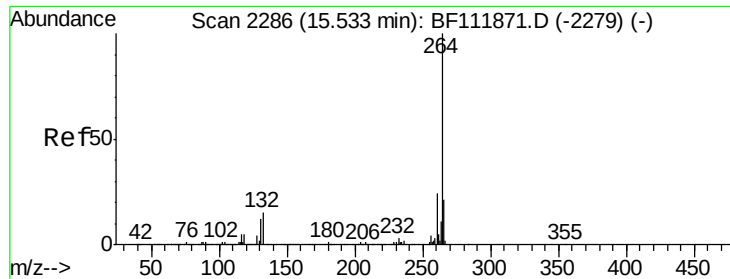
Delta R.T. 0.08 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Tgt Ion:	276	Resp:	41677
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.1	27.1
277	26.4	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.08 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

Instrument :

BNA_F

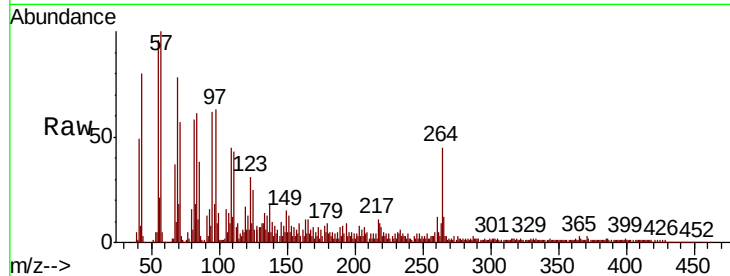
ClientSampleId :

CPSB-06(10-15)

Tot Ion:	264	Resp:	160583
Ion Ratio		Lower	Upper
264	100		
260	25.9	19.2	28.8
265	25.9	17.1	25.7#

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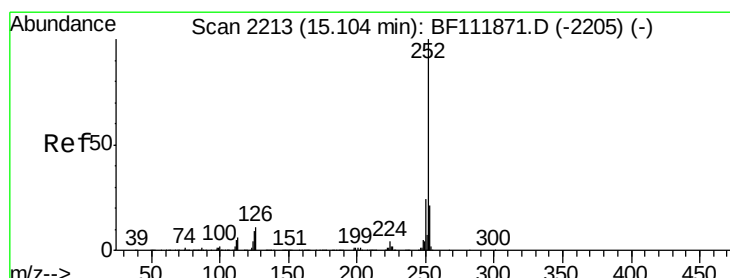
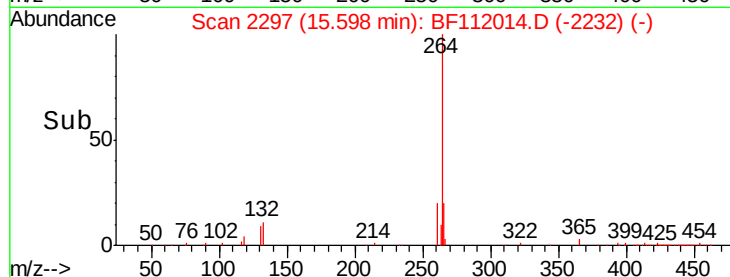
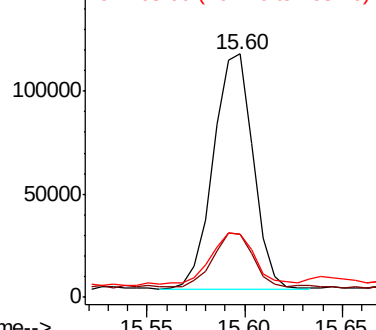


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.064 ng m

RT: 15.16 min Scan# 2222

Delta R.T. 0.07 min

Lab File: BF112014.D

Acq: 11 Jan 2019 14:46

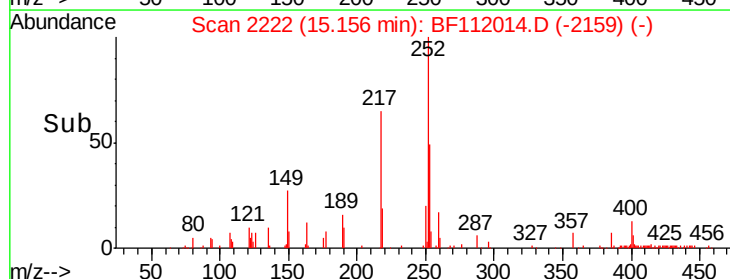
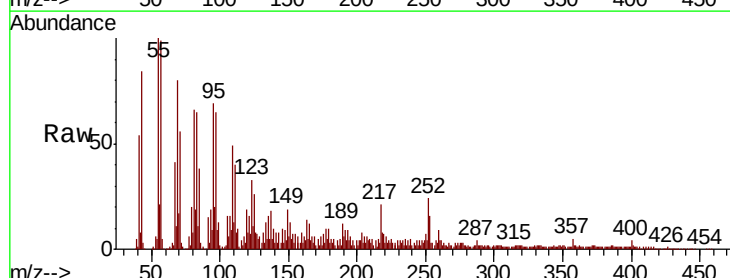
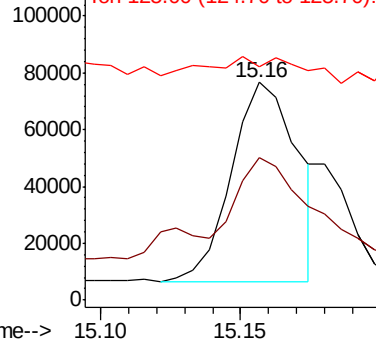
Tgt Ion:	252	Resp:	115889
Ion Ratio		Lower	Upper
252	100		
253	65.3	17.0	25.6#
125	107.3	7.1	10.7#

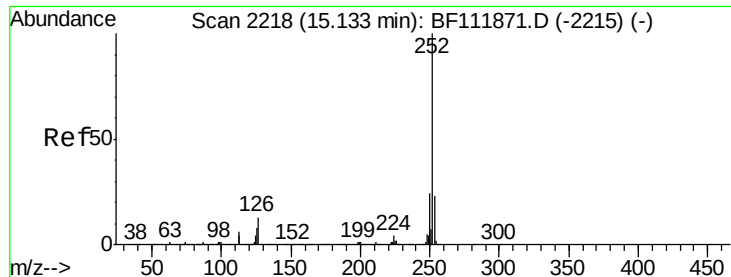
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





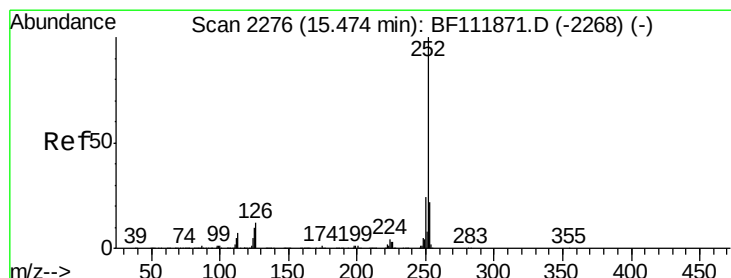
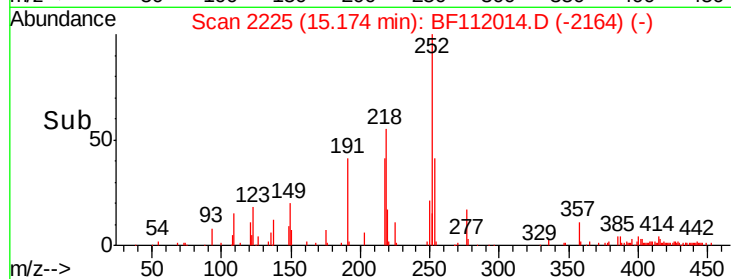
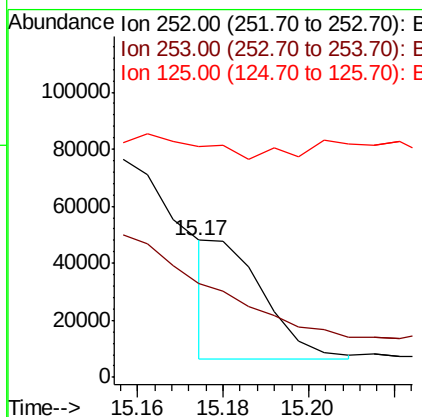
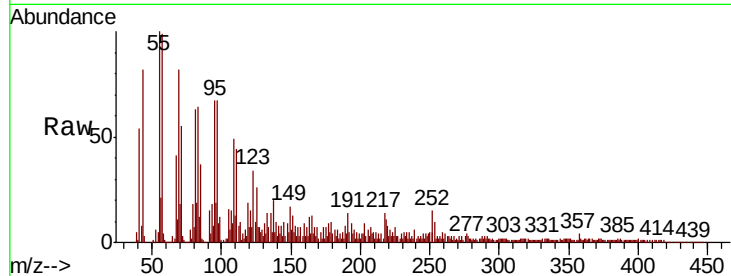
#89
Benzo(k)fluoranthene
Concen: 3.939 ng m
RT: 15.17 min Scan# 2225
Delta R.T. 0.06 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :
CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	68.8	17.8	26.6#
125	168.9	7.0	10.4#

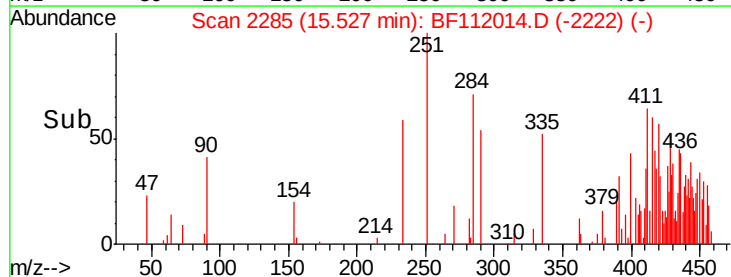
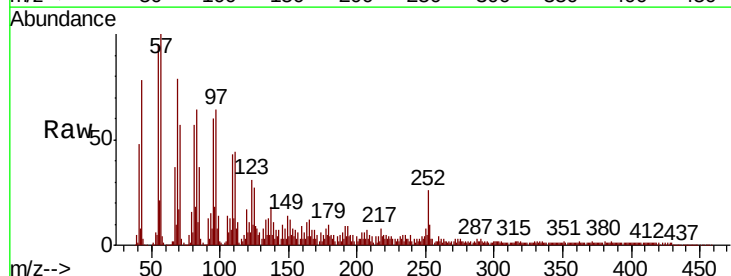
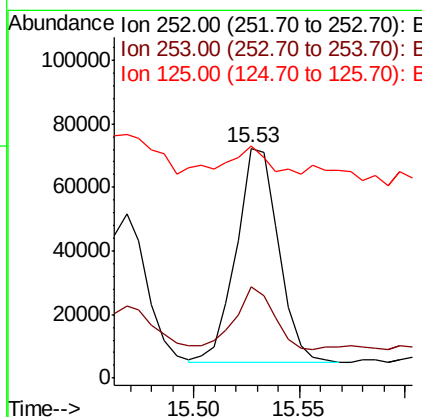
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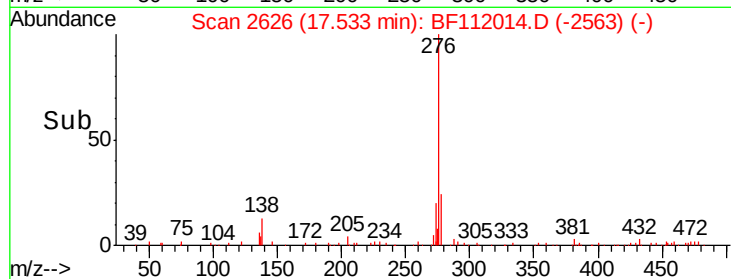
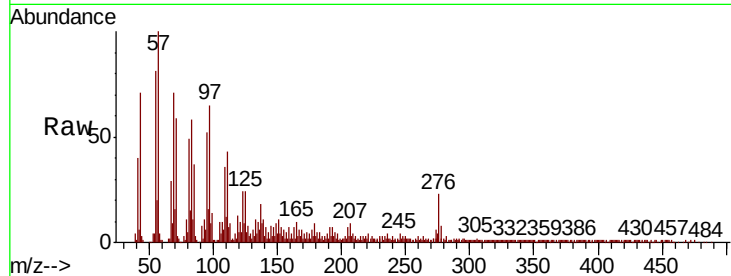
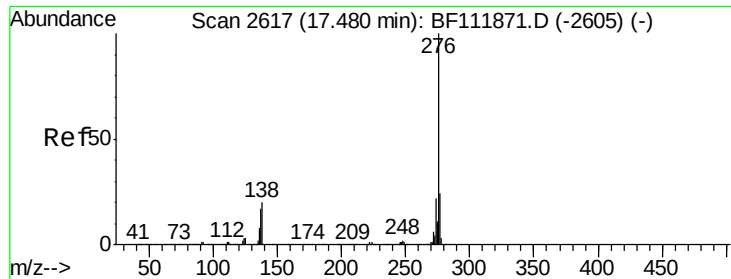
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#90
Benzo(a)pyrene
Concen: 11.078 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.07 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.7	17.4	26.2#
125	101.1	7.9	11.9#





#92
 Benzo(a,h,i)perylene
 Concen: 6.522 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.07 min
 Lab File: BF112014.D
 Acq: 11 Jan 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(10-15)

Tot Ion	Ratio	Lower	Upper
276	100		
277	34.6	19.0	28.6#
138	37.9	16.2	24.2#

Manual Integrations
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