

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092746.D
 Acq On : 2 Feb 2017 20:20
 Operator : SJ/MA
 Sample : I1658-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-02A-0-2FT

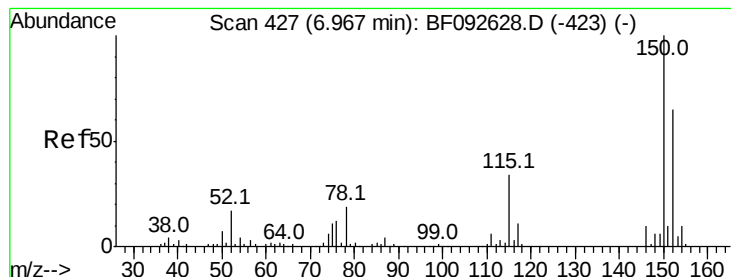
Manual Integrations
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Quant Time: Feb 03 00:43:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	145288	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	558023	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	267476	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	396581	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	314429	20.00	ng	-0.05
86) Perylene-d12	15.56	264	322352	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1336925	157.87	ng	-0.02
7) Phenol-d6	6.58	99	1365951	125.36	ng	-0.02
23) Nitrobenzene-d5	7.50	82	918087	91.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	270649	139.90	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1278327	86.58	ng	-0.03
78) Terphenyl-d14	13.05	244	900945	67.33	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.59	94	107817	8.46	ng	81
49) Dimethylphthalate	9.69	163	107444	5.96	ng	98
70) Phenanthrene	11.48	178	98819	4.35	ng	97
74) Fluoranthene	12.67	202	166634	7.11	ng	95
77) Pyrene	12.90	202	154895	6.58	ng	100
80) Benzo(a)anthracene	14.09	228	85938m	4.47	ng	
82) Chrysene	14.12	228	86026m	4.78	ng	
83) Bis(2-ethylhexyl)phthalate	14.08	149	41319	3.16	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.00	276	56755	4.07	ng	97
87) Benzo(b)fluoranthene	15.13	252	131405m	6.19	ng	
89) Benzo(a)pyrene	15.49	252	86844	4.73	ng	97
91) Benzo(a,h,i)perylene	17.45	276	57411	3.83	ng	# 91

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



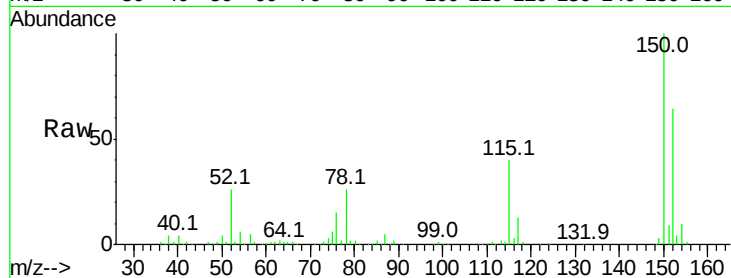
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.03 min
 Lab File: BF092746.D
 Acq: 2 Feb 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.9	187.3
115	62.5	46.0	69.0

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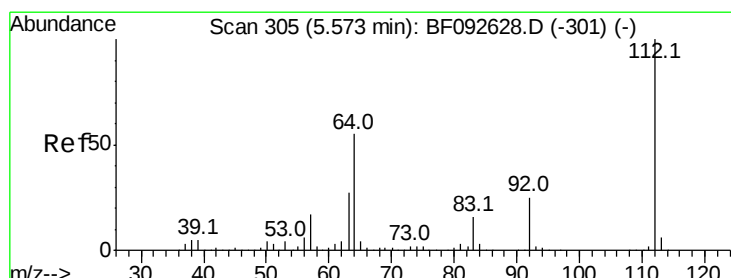
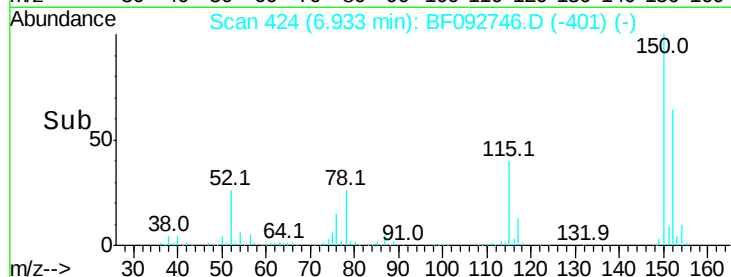
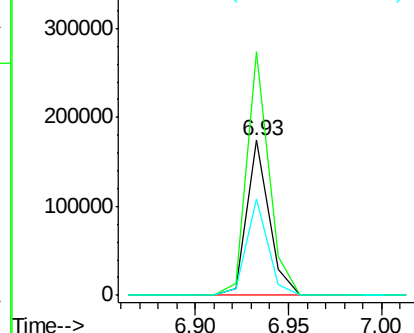


Abundance

Ion 152.00 (151.70 to 152.70): E

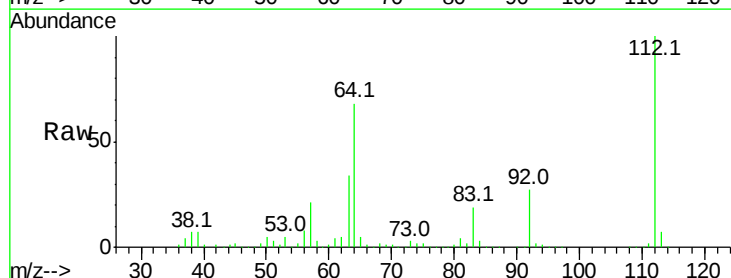
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 157.87 ng
 RT: 5.55 min Scan# 303
 Delta R.T. -0.02 min
 Lab File: BF092746.D
 Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	34.4	23.8	35.6

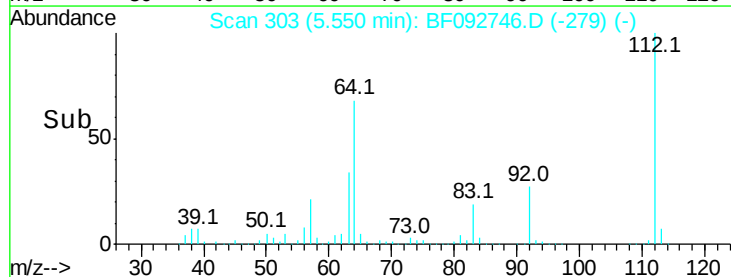
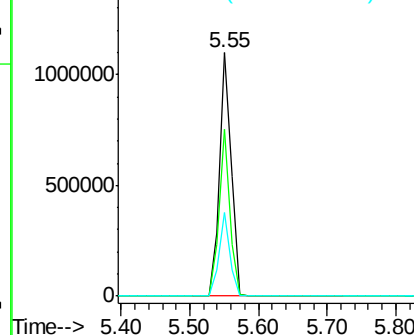


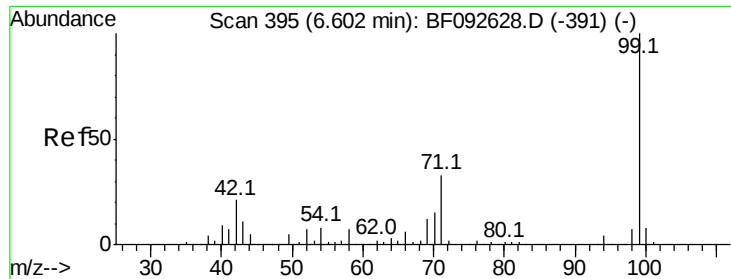
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.36 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-COMP-02A-0-2FT

Tot Ion: 99 Resp: 1365951

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

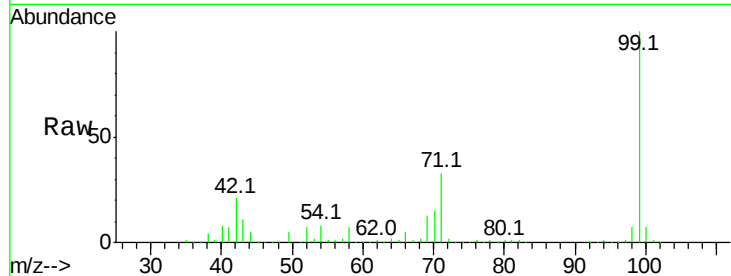
71 33.3 27.5 41.3

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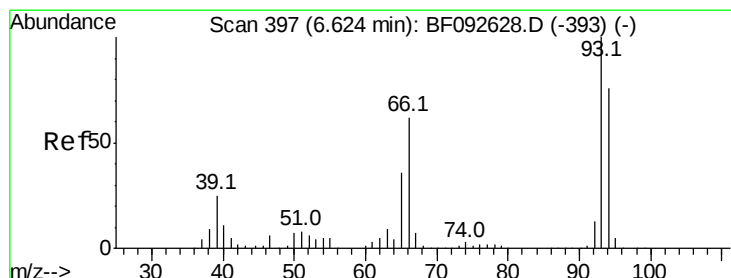
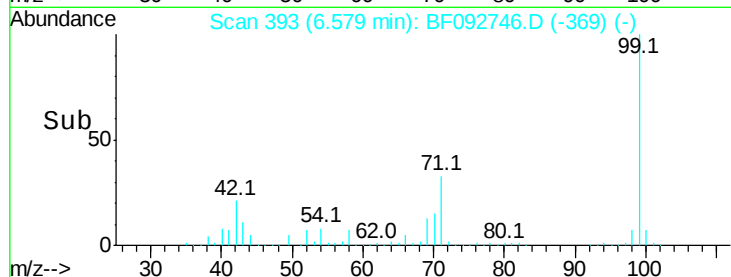
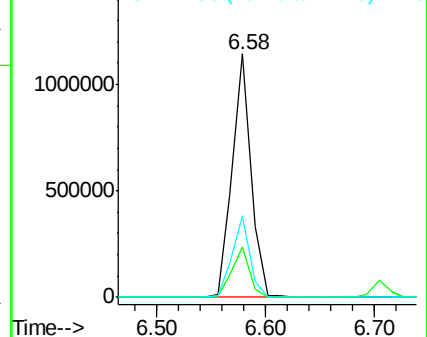
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

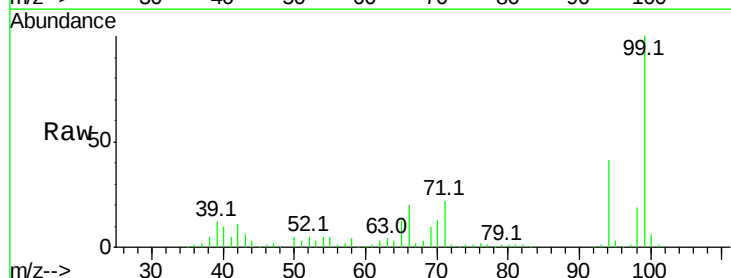
Tgt Ion: 94 Resp: 107817

Ion Ratio Lower Upper

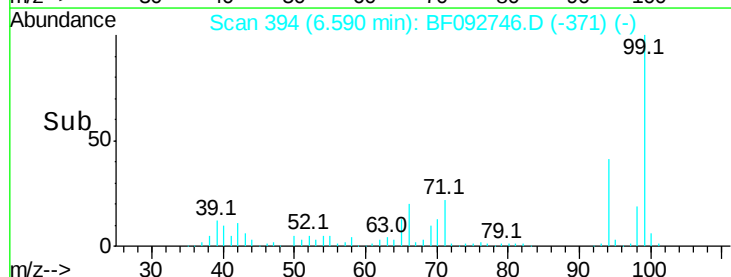
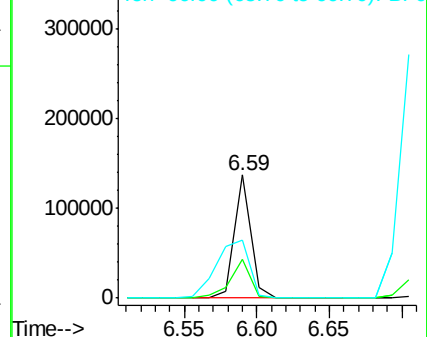
94 100

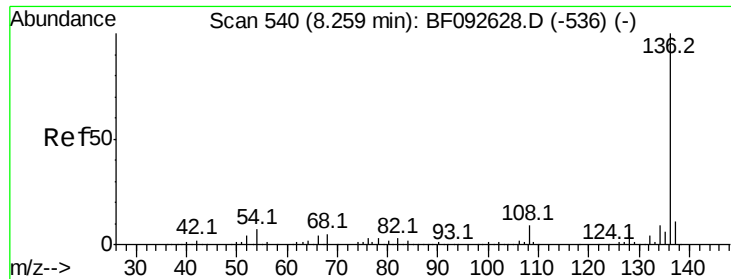
65 32.0 21.4 61.4

66 47.4 44.0 84.0



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





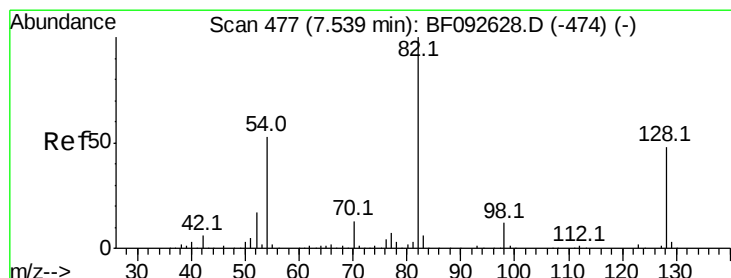
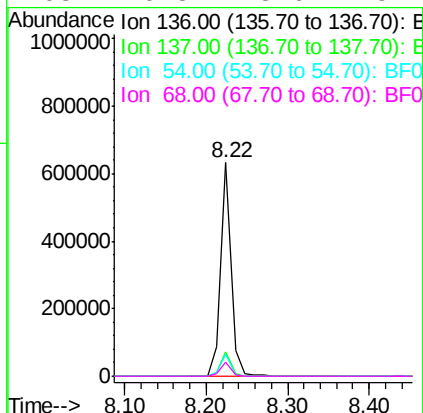
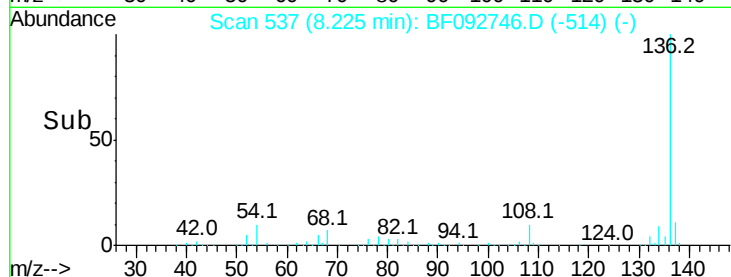
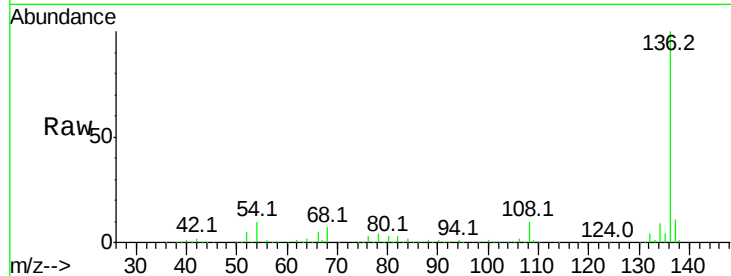
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	10.0	4.5	6.7#	
68	6.8	3.6	5.4#	

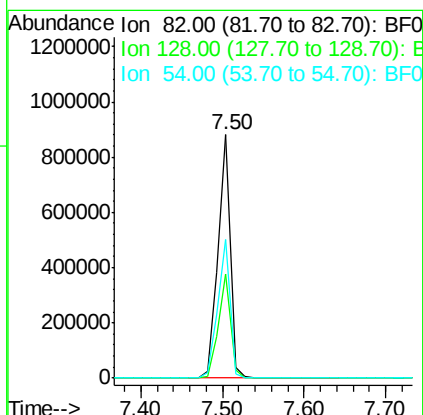
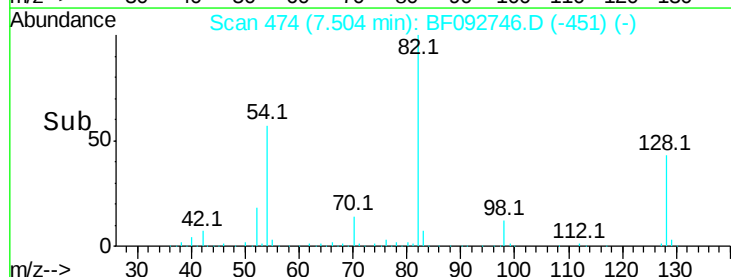
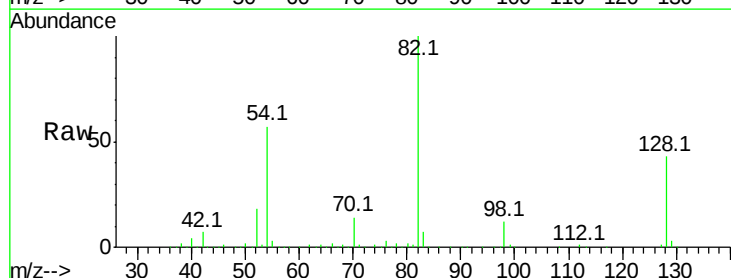
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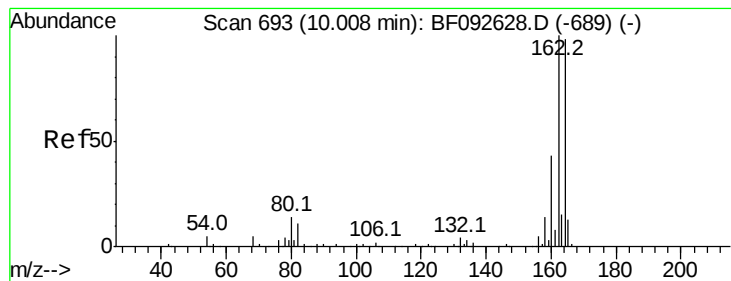
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#23
Nitrobenzene-d5
Concen: 91.62 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	34.6	52.0	
54	57.1	39.5	59.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SP-COMP-02A-0-2FT

Tot Ion:164 Resp: 267476

Ion Ratio Lower Upper

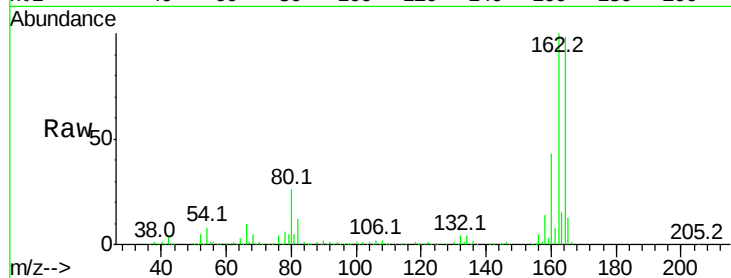
164 100

162 101.7 80.2 120.2

160 43.6 36.9 55.3

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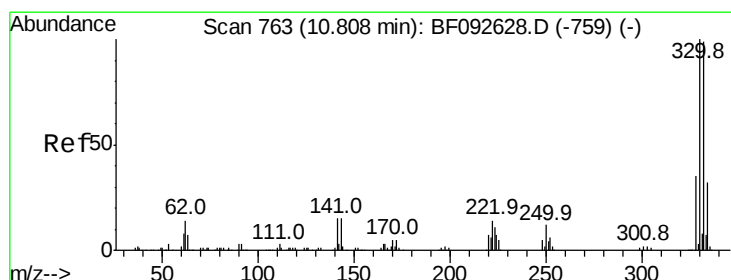
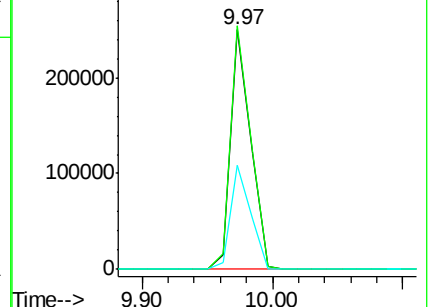
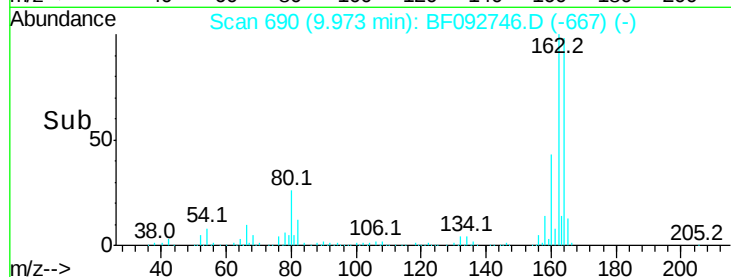
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 139.90 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

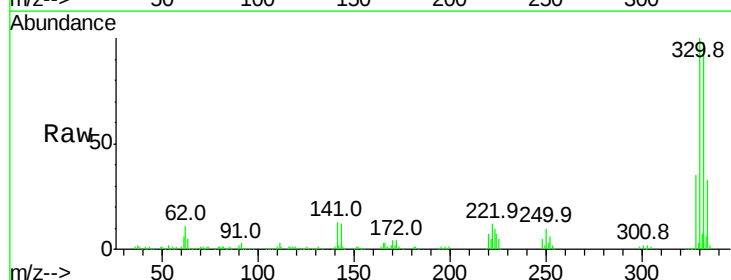
Tgt Ion:330 Resp: 270649

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

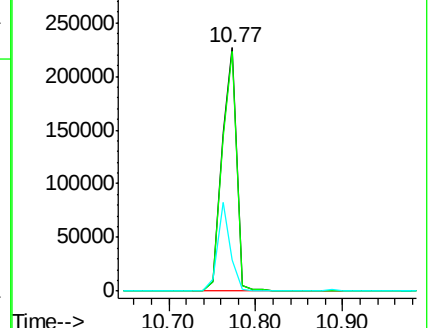
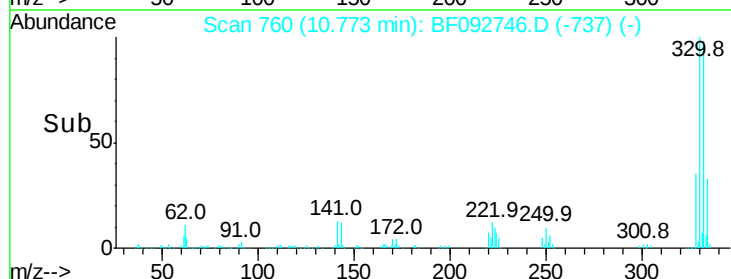
141 32.4 34.1 51.1#



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





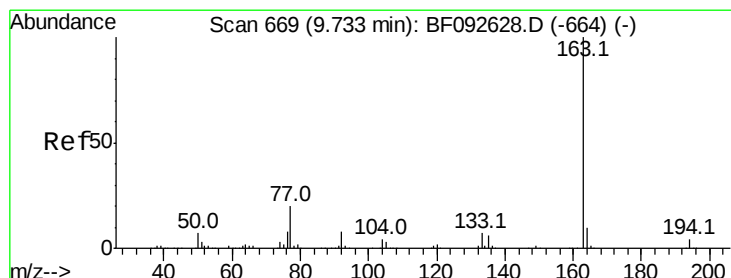
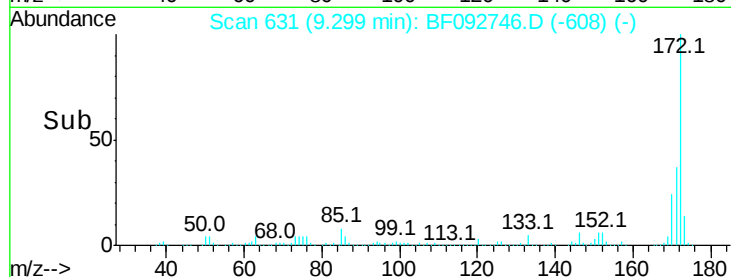
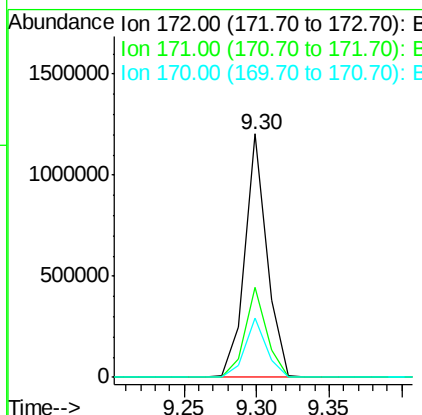
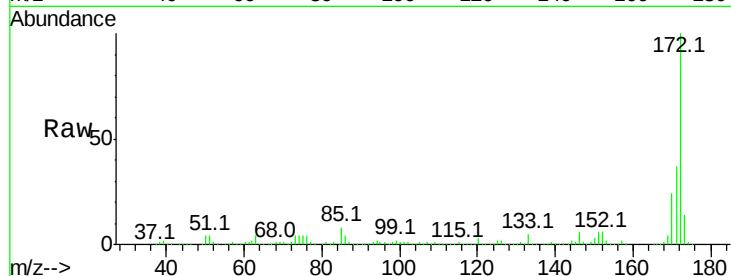
#44
2-Fluorobiphenyl
Concen: 86.58 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.2	20.2	30.4

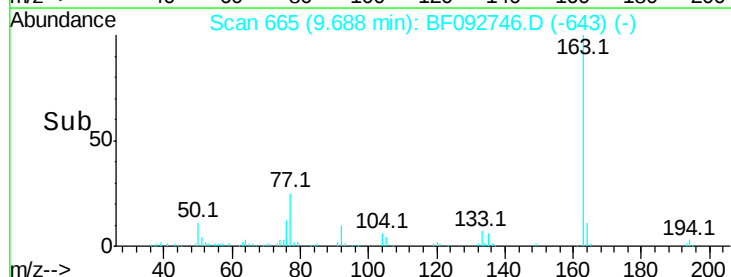
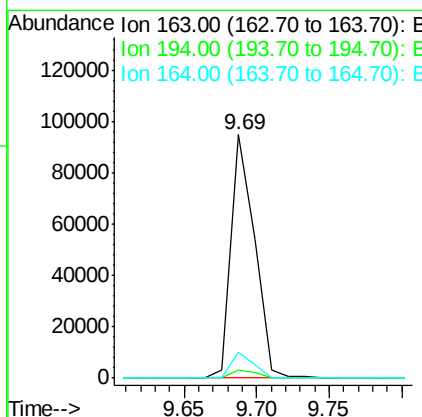
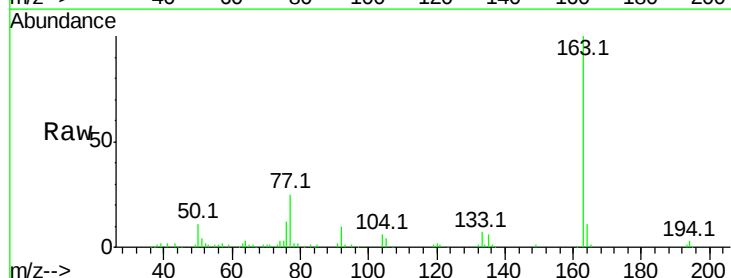
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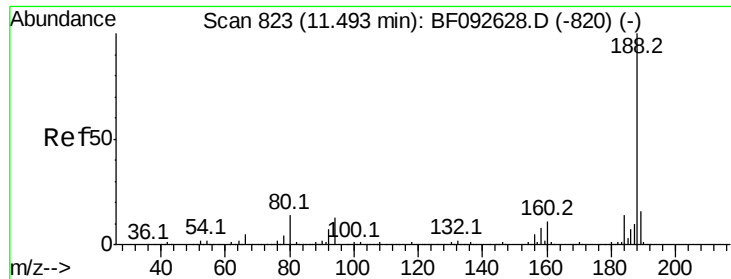
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#49
Dimethylphthalate
Concen: 5.96 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.9	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Instrument :

BNA_F

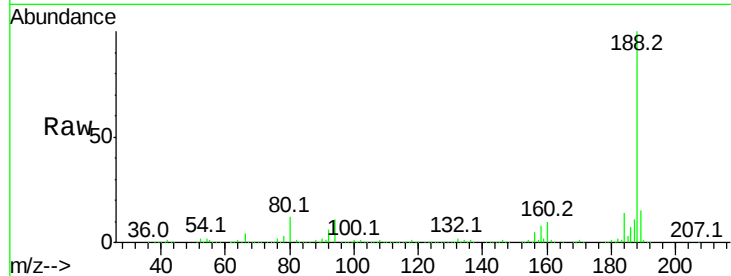
ClientSampleId :

SP-COMP-02A-0-2FT

Tot Ion:188	Resp:	396581
Ion Ratio	Lower	Upper
188 100		
94 11.3	10.0	15.0
80 11.6	11.2	16.8

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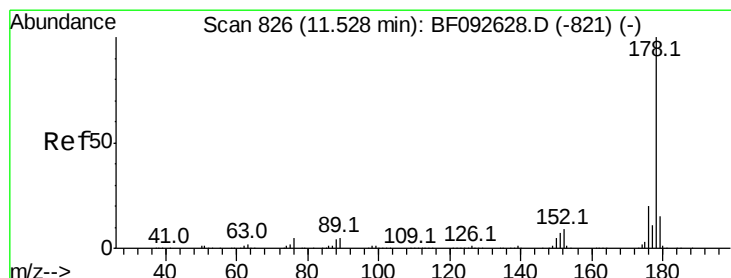
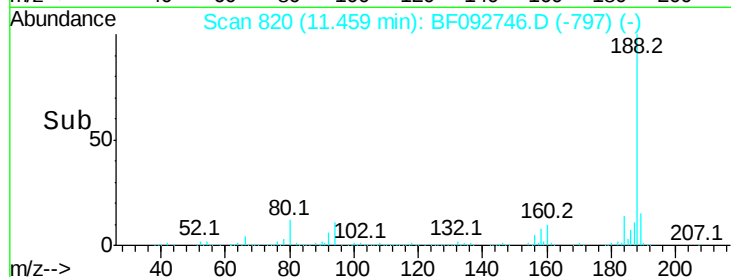
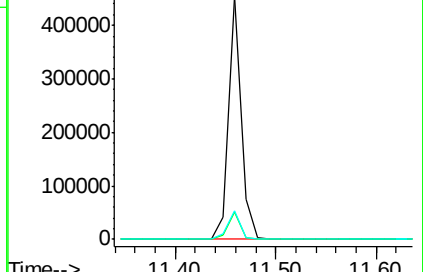
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 4.35 ng

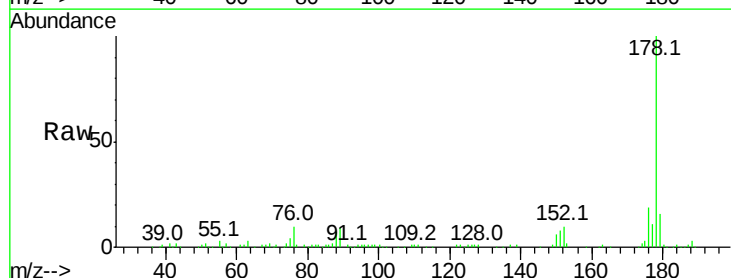
RT: 11.48 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

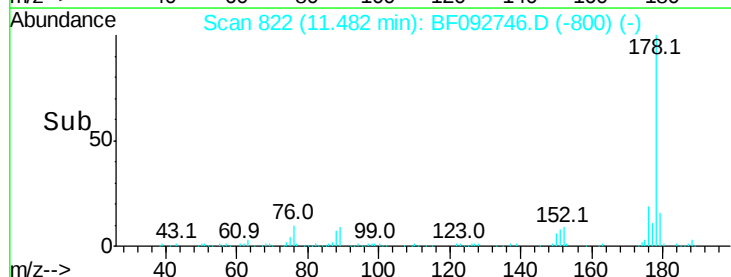
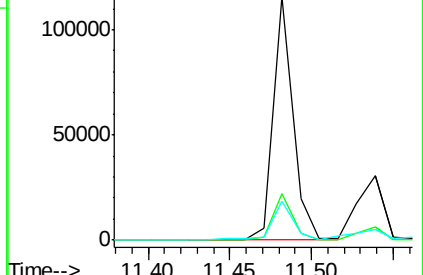
Tgt Ion:178	Resp:	98819
Ion Ratio	Lower	Upper
178 100		
176 19.0	16.6	25.0
179 15.7	12.8	19.2

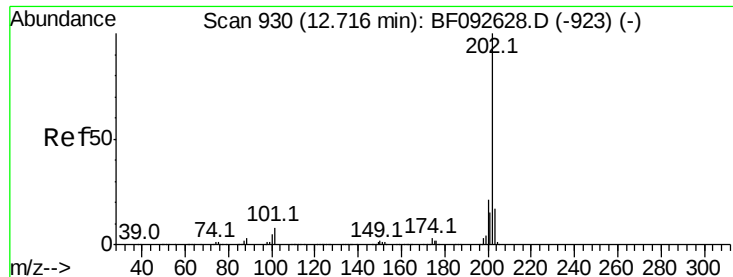


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 7.11 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Instrument :

BNA_F

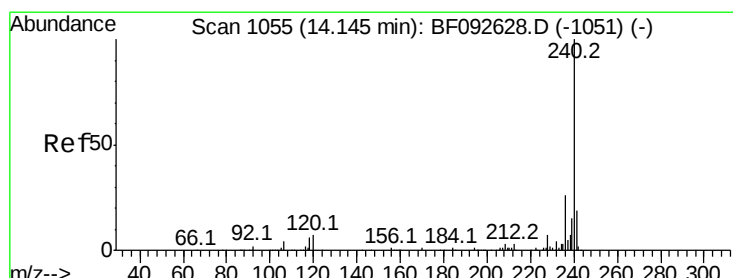
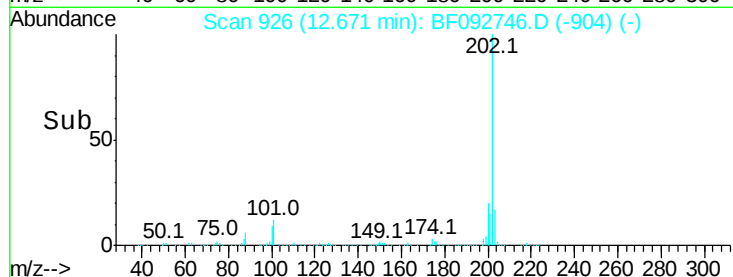
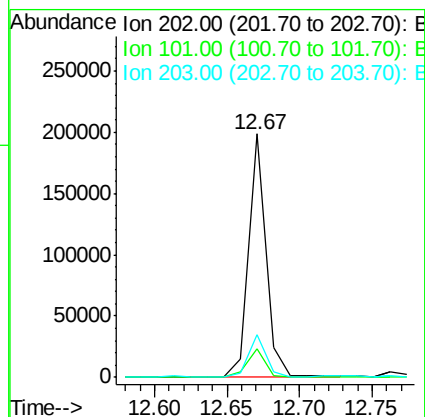
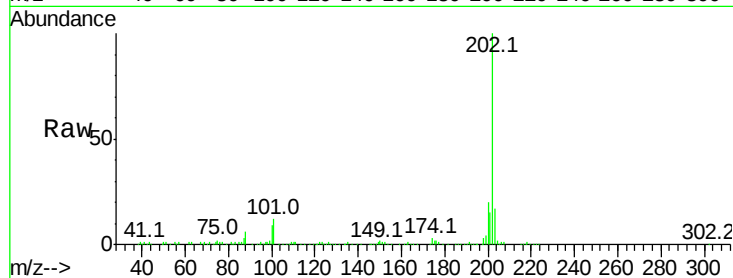
ClientSampleId :

SP-COMP-02A-0-2FT

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	34.6
203	17.4	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

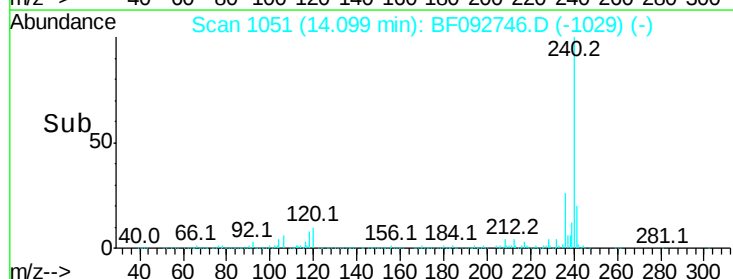
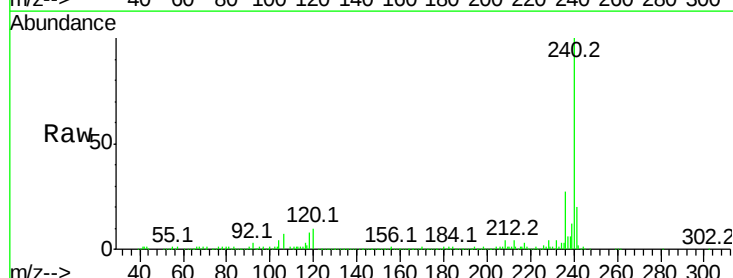
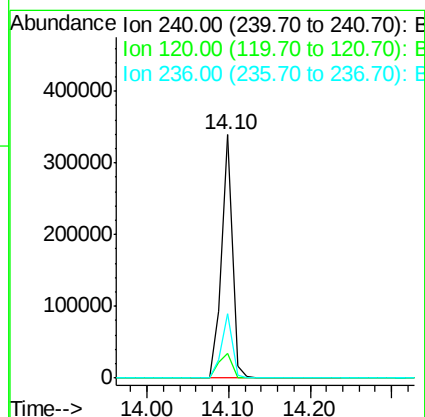
RT: 14.10 min Scan# 1051

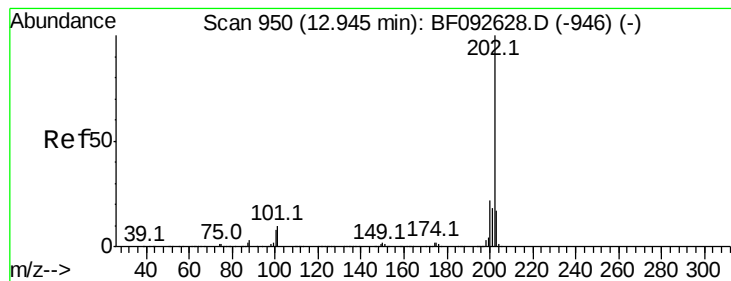
Delta R.T. -0.05 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	26.5	20.9	31.3





#77

Pvrene

Concen: 6.58 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Instrument :

BNA_F

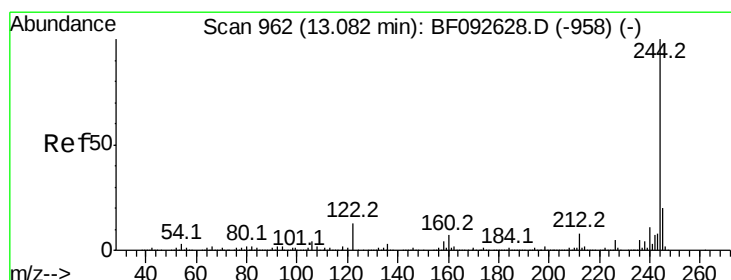
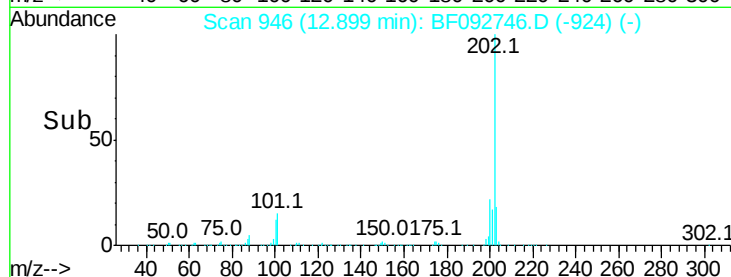
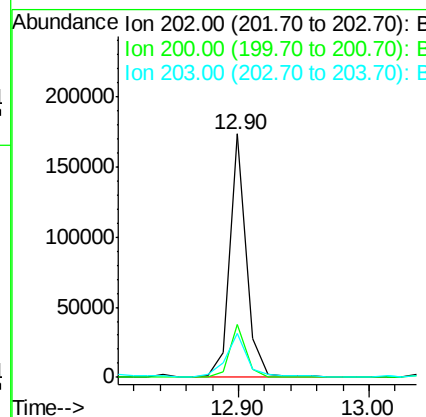
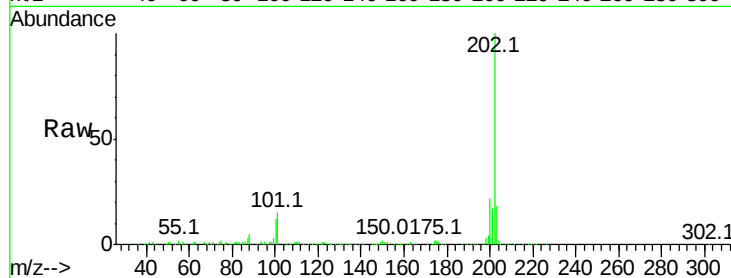
ClientSampleId :

SP-COMP-02A-0-2FT

Tot Ion:	202	Resp:	154895
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	18.1	14.7	22.1

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2/3/2017 1:22:59 PM



#78

Terphenyl-d14

Concen: 67.33 ng

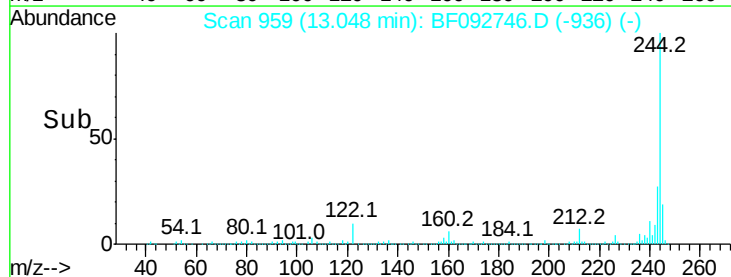
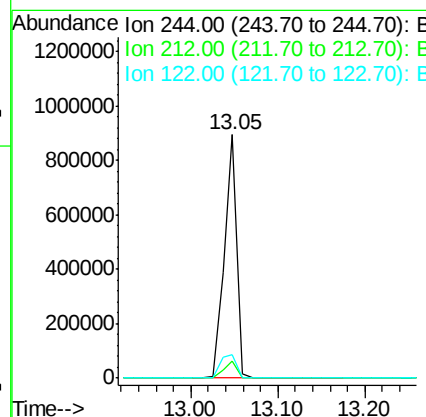
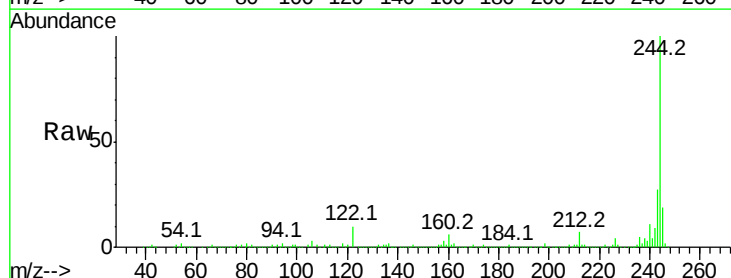
RT: 13.05 min Scan# 959

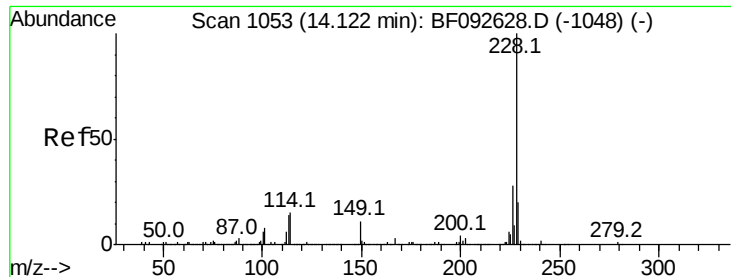
Delta R.T. -0.03 min

Lab File: BF092746.D

Acq: 2 Feb 2017 20:20

Tgt Ion:	244	Resp:	900945
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.2	9.2
122	9.9	11.4	17.2#





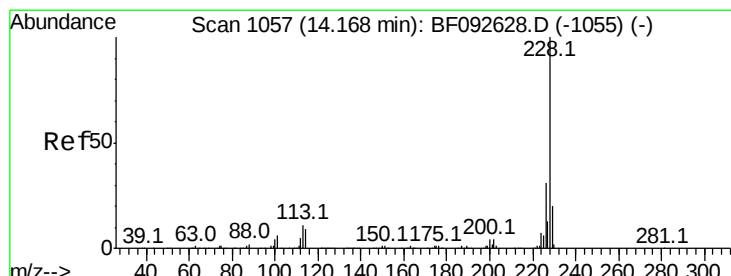
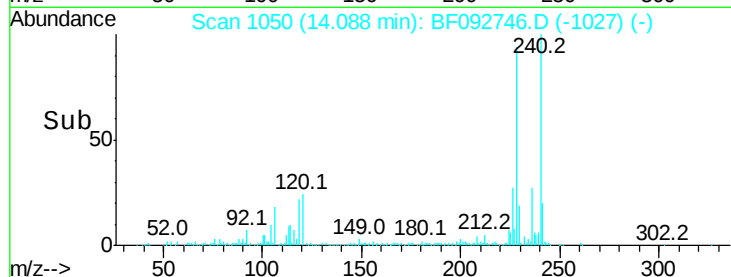
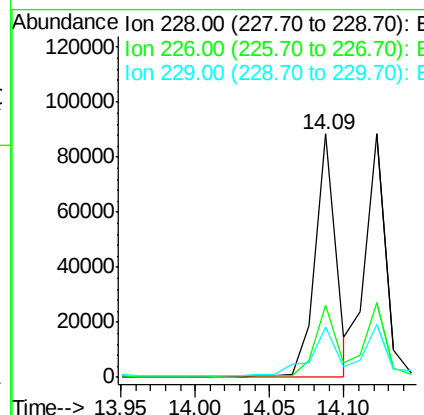
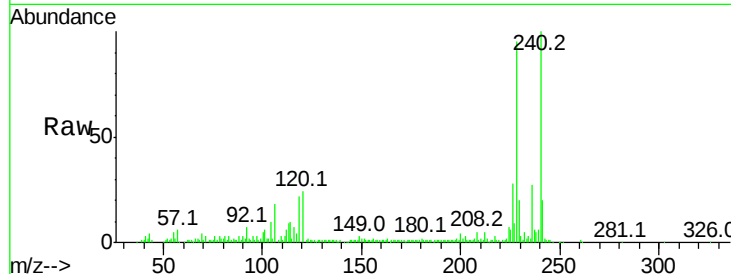
#80
Benzo(a)anthracene
Concen: 4.47 ng m
RT: 14.09 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.4	33.6
229	20.9	16.2	24.4

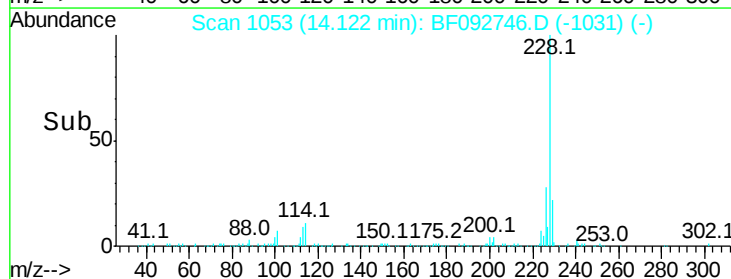
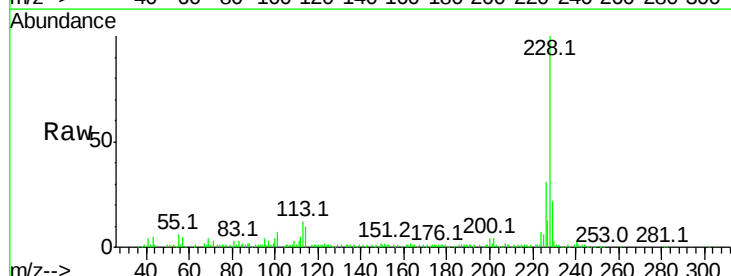
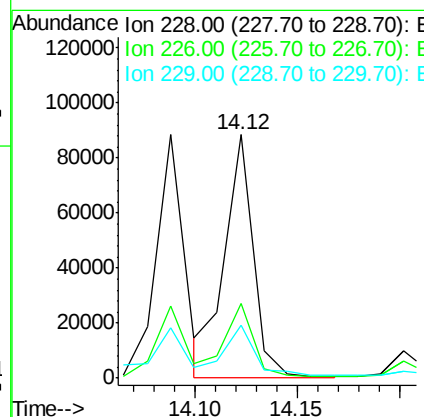
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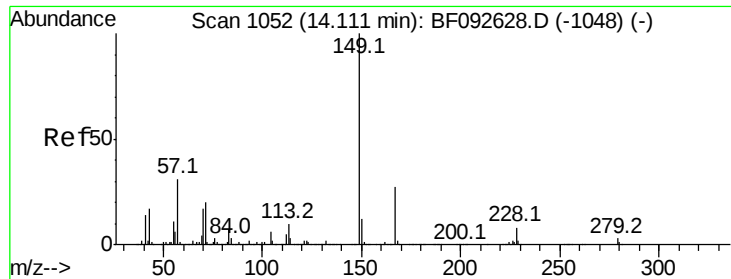
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#82
Chrysene
Concen: 4.78 ng m
RT: 14.12 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	21.7	16.2	24.2





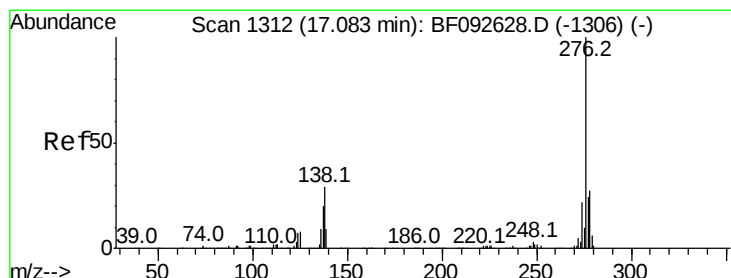
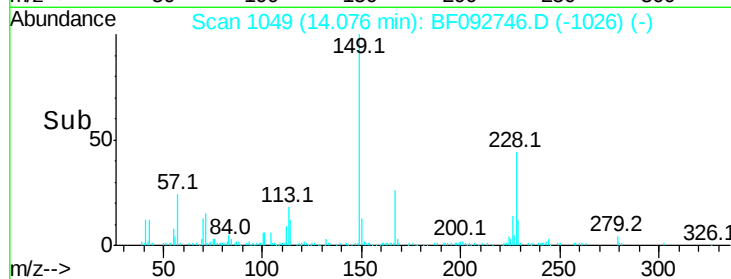
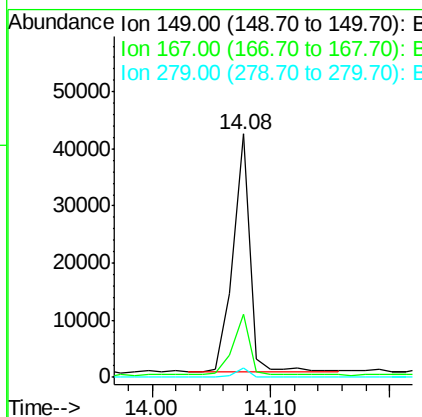
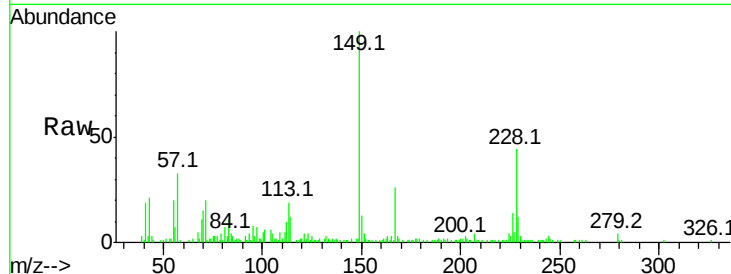
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.16 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092746.D
 Acq: 2 Feb 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	3.9	1.8	2.8#

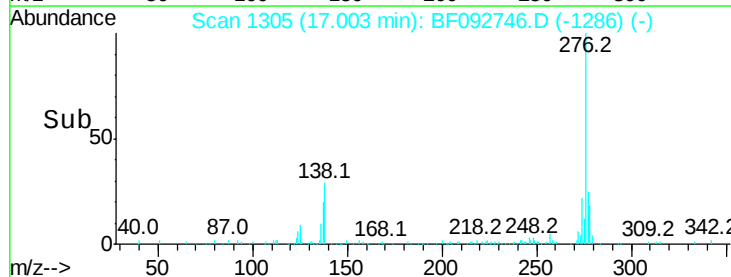
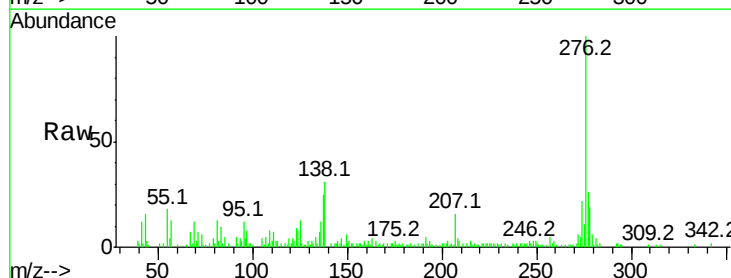
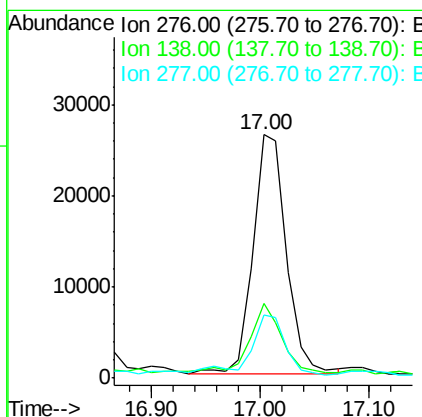
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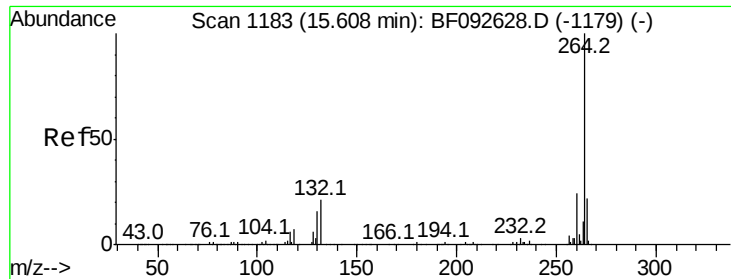
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.07 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. -0.08 min
 Lab File: BF092746.D
 Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.6
277	26.7	20.2	30.4





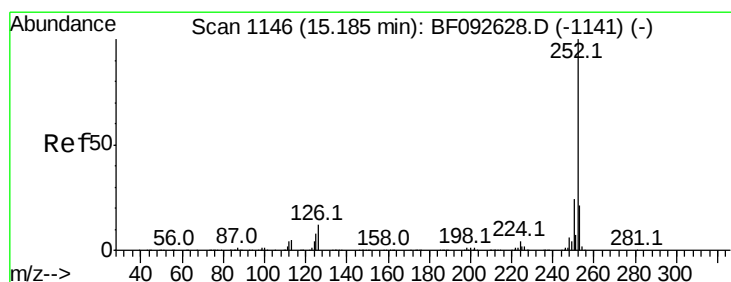
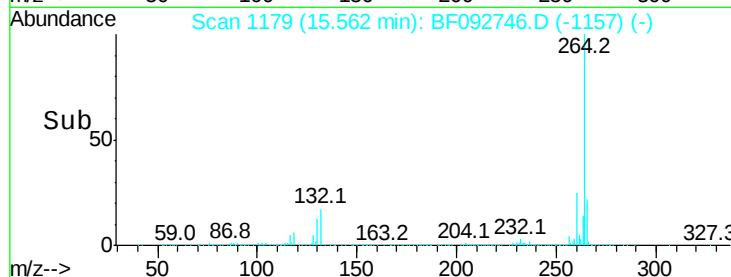
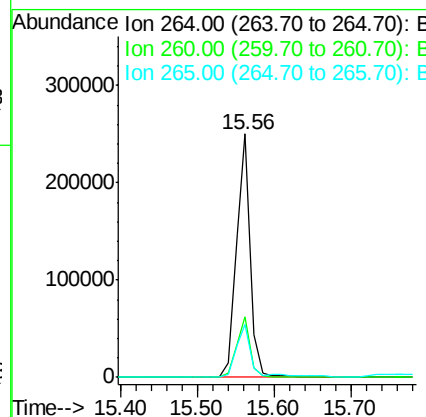
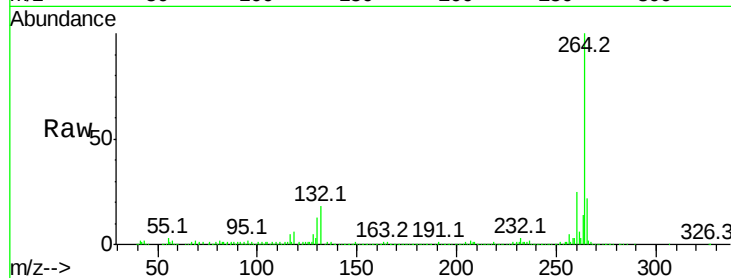
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.4	26.0

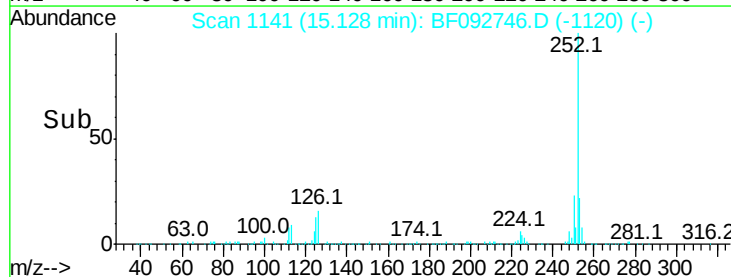
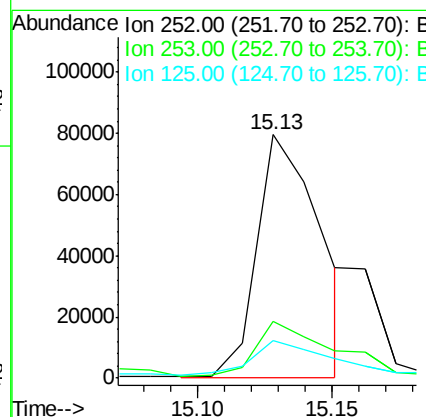
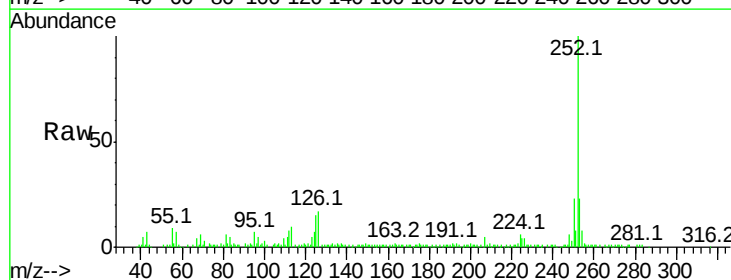
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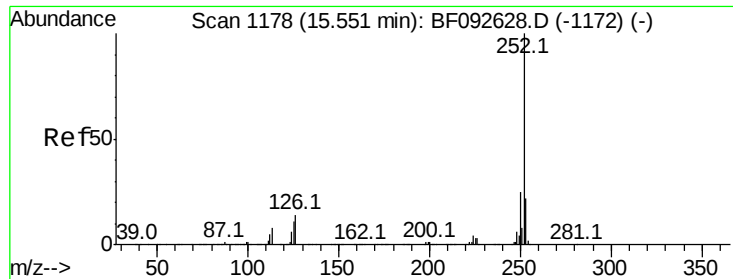
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#87
Benzo(b)fluoranthene
Concen: 6.19 ng m
RT: 15.13 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	15.2	9.8	14.6#





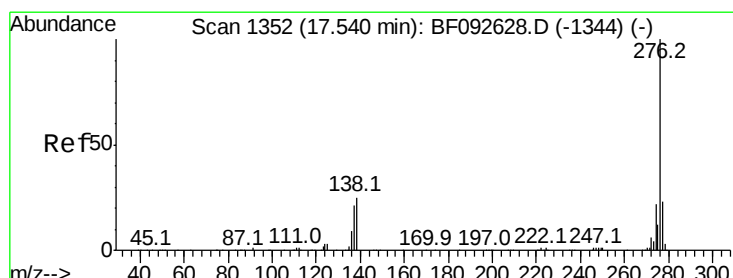
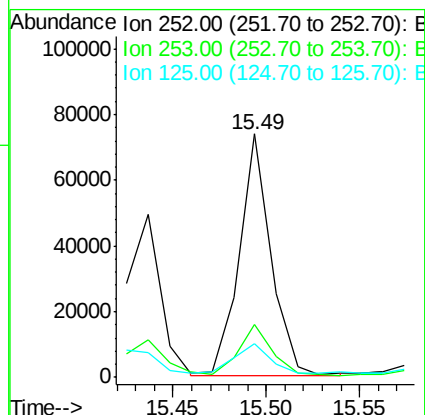
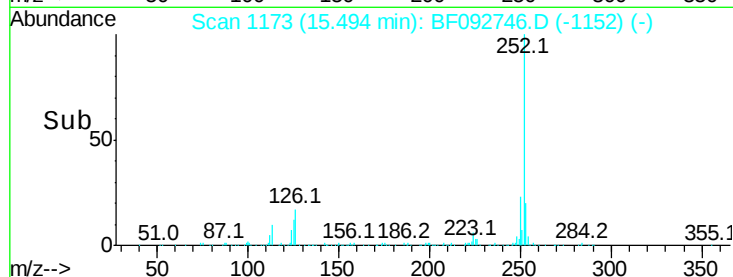
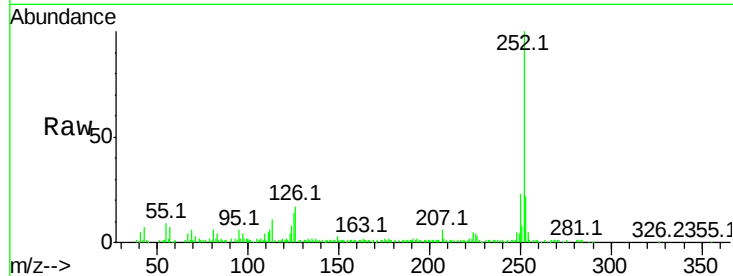
#89
Benzo(a)pyrene
Concen: 4.73 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SP-COMP-02A-0-2FT

Tot Ion:	252	Resp:	86844
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	13.7	10.0	15.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.83 ng
RT: 17.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF092746.D
Acq: 2 Feb 2017 20:20

Tgt Ion:	276	Resp:	57411
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.2	28.8
138	28.0	16.0	24.0

