

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098895.D
 Acq On : 28 Sep 2017 7:39
 Operator : SJ/JU
 Sample : I5443-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 08:42:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

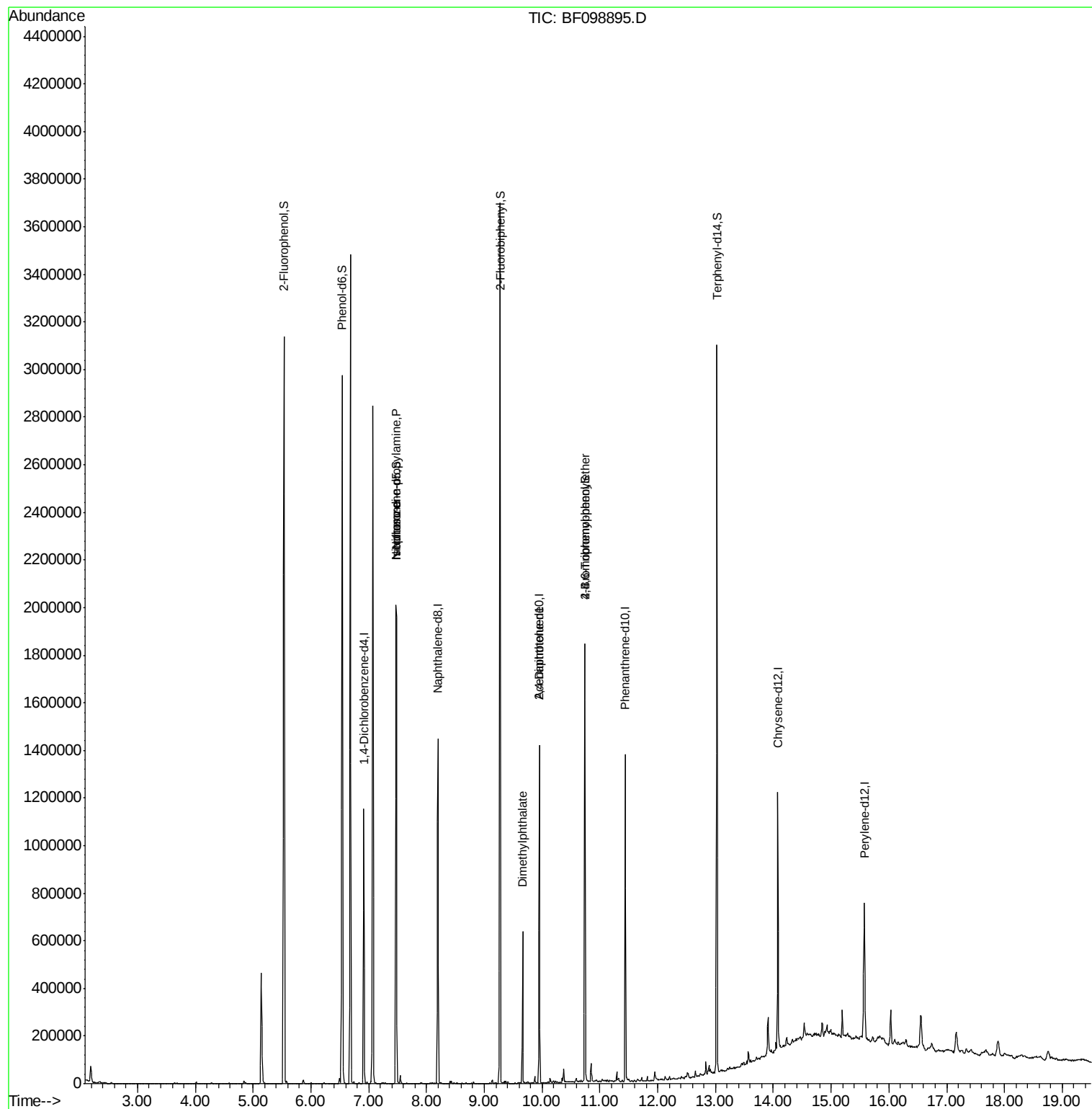
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147709	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	611039	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	258872	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	420987	20.00	ng	0.00
75) Chrysene-d12	14.08	240	325971	20.00	ng	0.00
86) Perylene-d12	15.57	264	229411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	973542	104.92	ng	0.00
7) Phenol-d6	6.54	99	1209030	105.63	ng	0.00
23) Nitrobenzene-d5	7.47	82	722291	75.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	205452	96.99	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1233850	79.57	ng	0.00
78) Terphenyl-d14	13.03	244	975178	68.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	96144	13.16	ng	# 78
25) Isophorone	7.47	82	719647	36.53	ng	# 64
49) Dimethylphthalate	9.66	163	246478	12.62	ng	99
56) 2,4-Dinitrotoluene	9.95	165	32819	5.95	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13879	3.37	ng	# 1

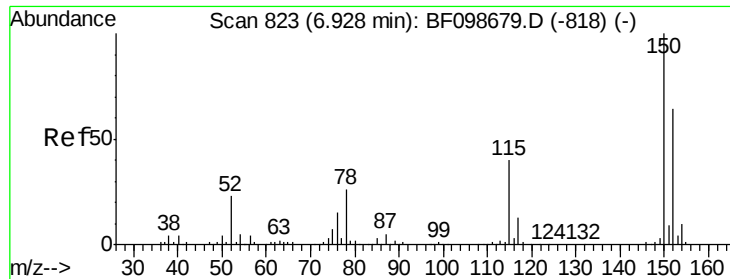
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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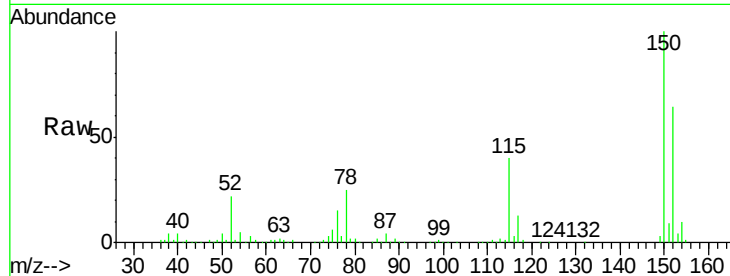


#1

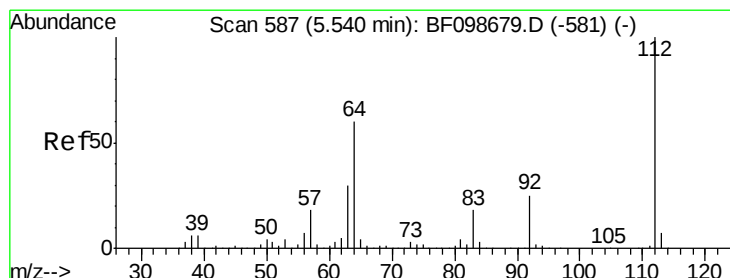
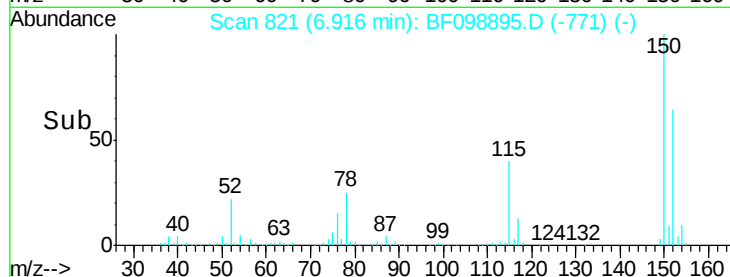
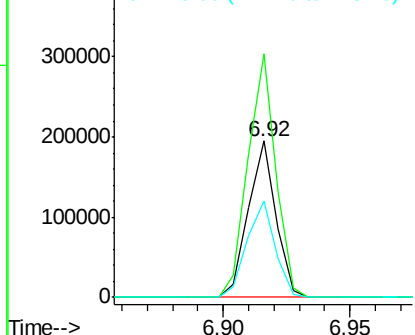
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147709
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.8 50.1 75.1



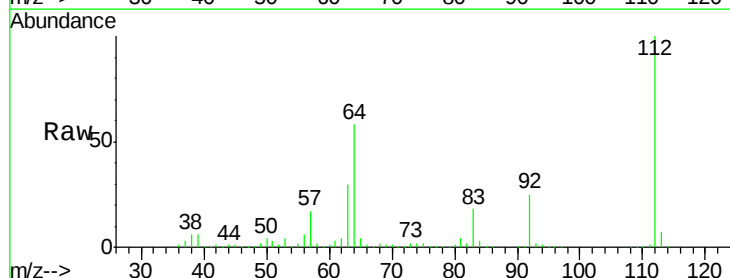
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



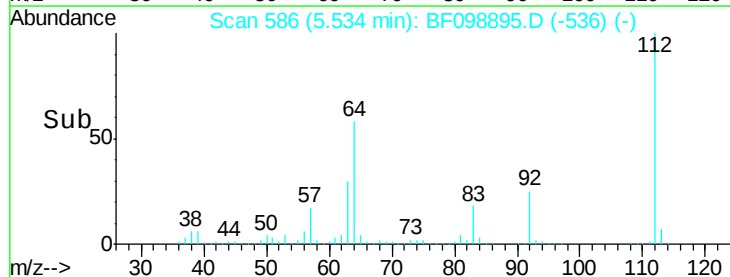
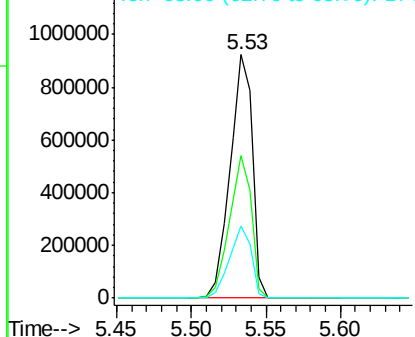
#5

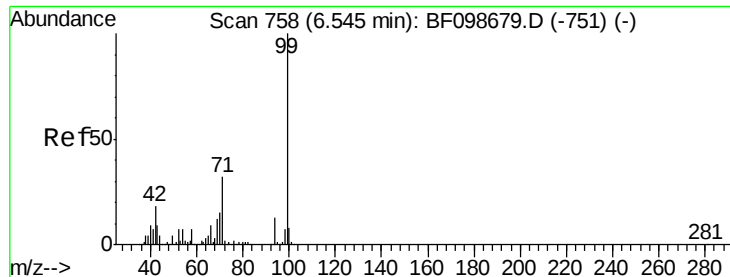
2-Fluorophenol
Concen: 104.92 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Tgt Ion:112 Resp: 973542
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.5 23.7 35.5



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: 105.63 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampleId :

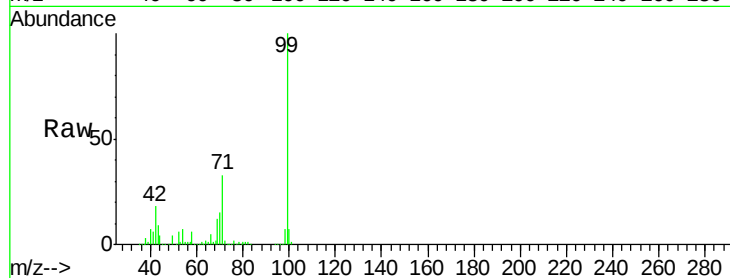
Tot Ion: 99 Resp: 1209030

Ion Ratio Lower Upper

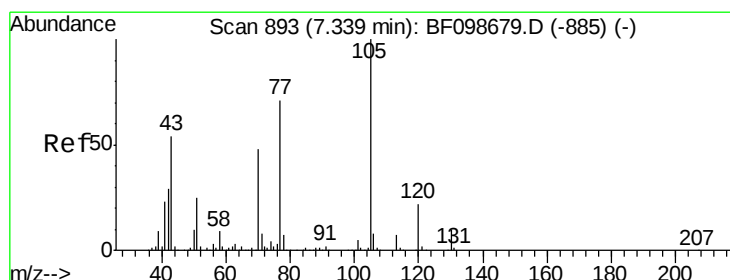
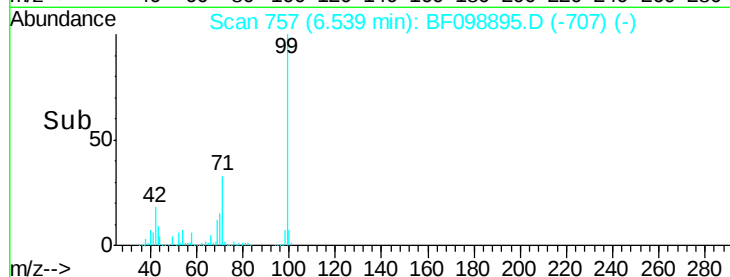
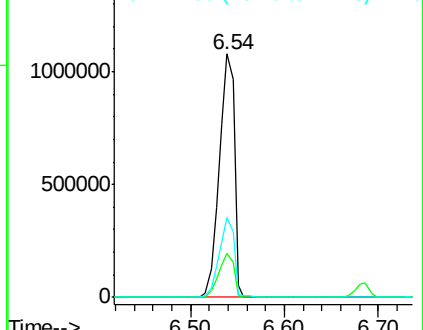
99 100

42 18.0 14.5 21.7

71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.16 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Tgt Ion: 70 Resp: 96144

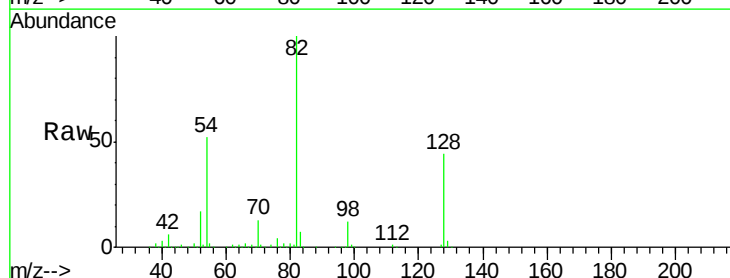
Ion Ratio Lower Upper

70 100

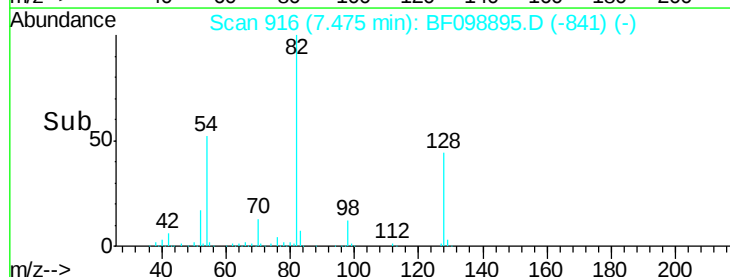
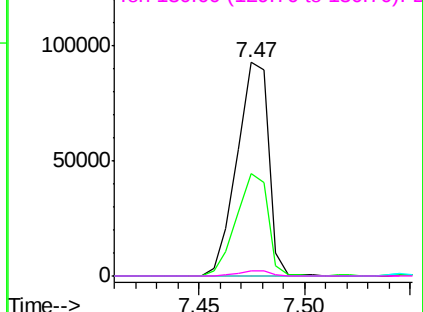
42 47.8 47.5 71.3

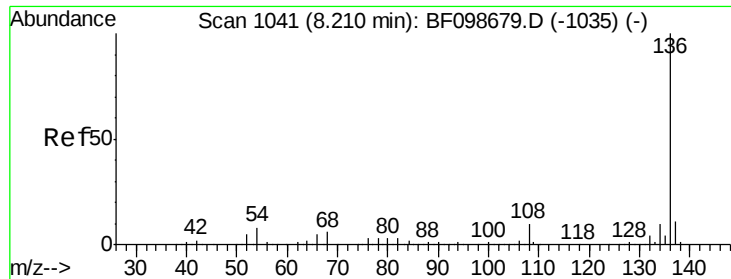
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

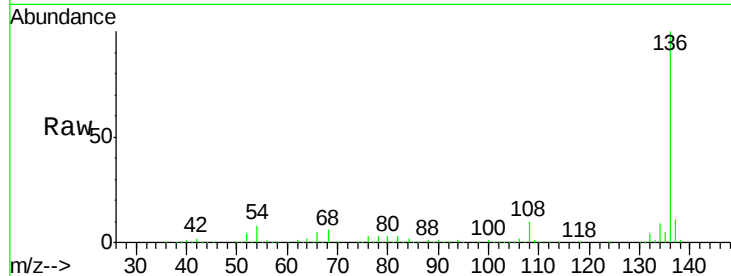




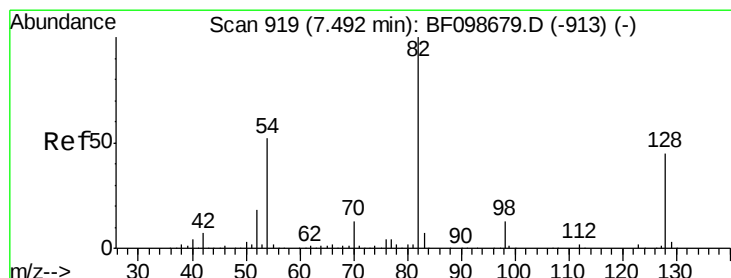
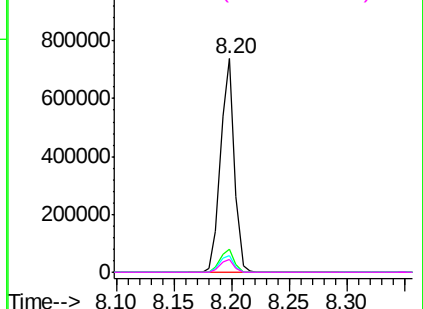
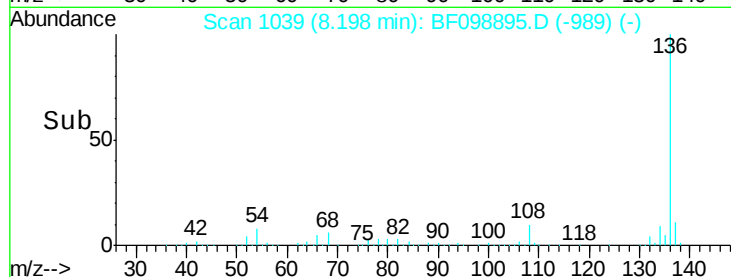
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	611039
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.7	6.6 9.8
68	5.8	5.0 7.4

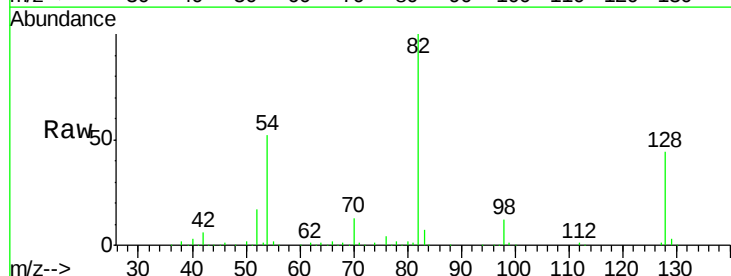


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

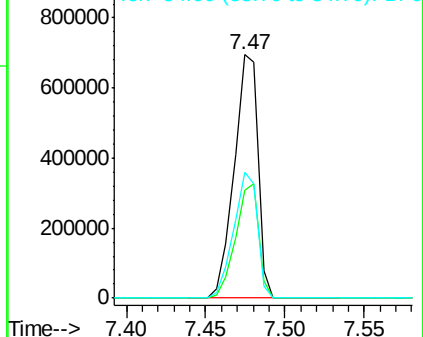
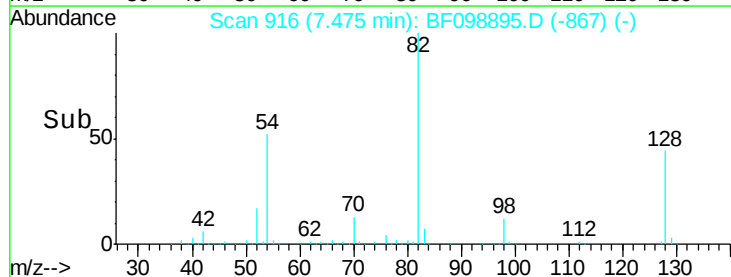


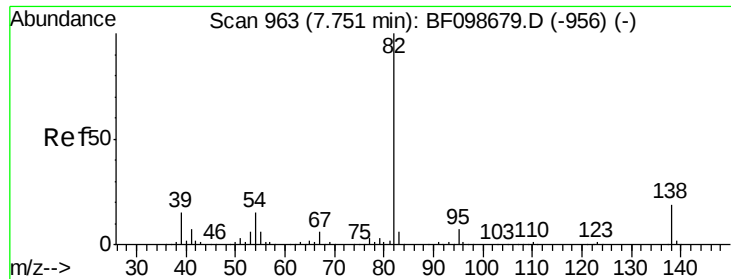
#23
Nitrobenzene-d5
Concen: 75.81 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Tgt Ion: 82	Resp:	722291
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.1 54.1
54	51.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

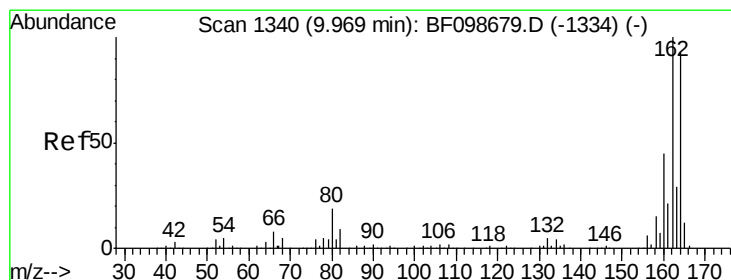
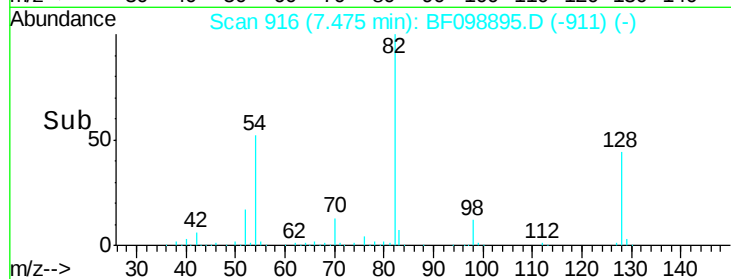
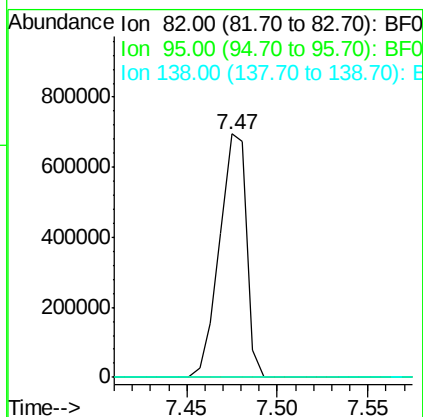
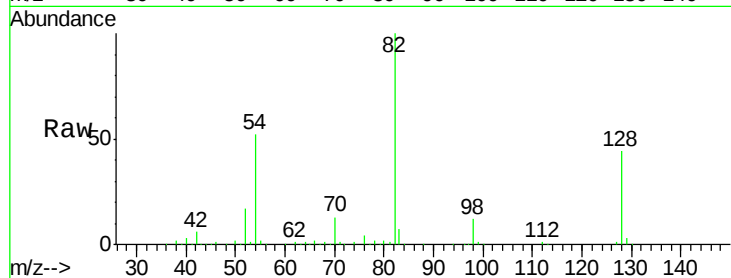




#25
Isophorone
Concen: 36.53 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

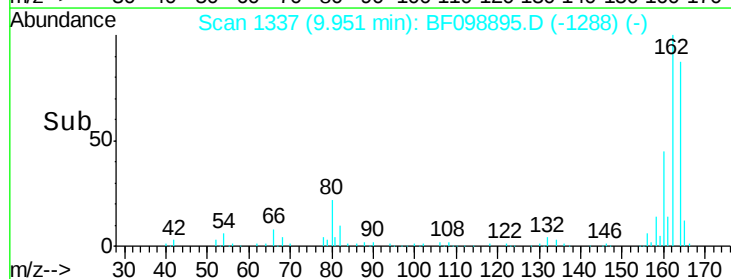
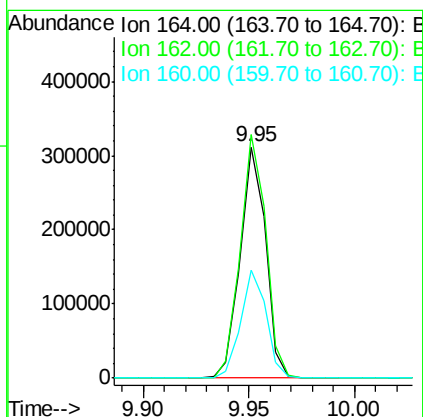
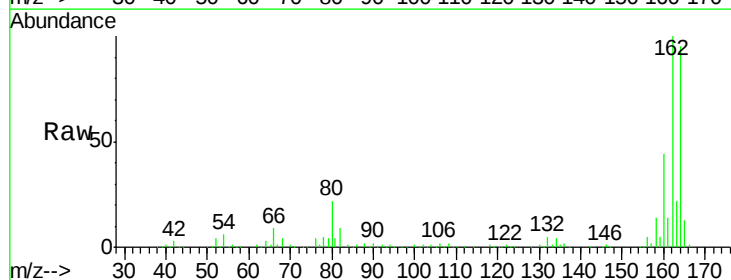
Instrument :
BNA_F
ClientSampled :

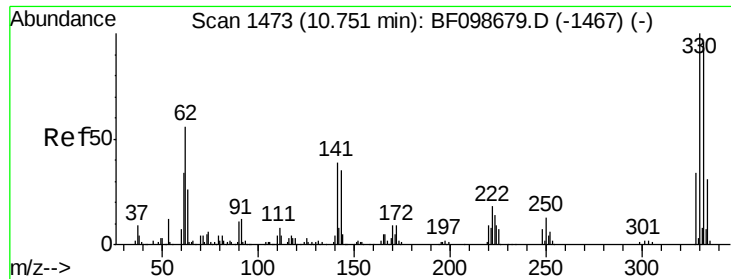
Tot Ion: 82 Resp: 719647
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Tgt Ion: 164 Resp: 258872
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.5 38.3 57.5

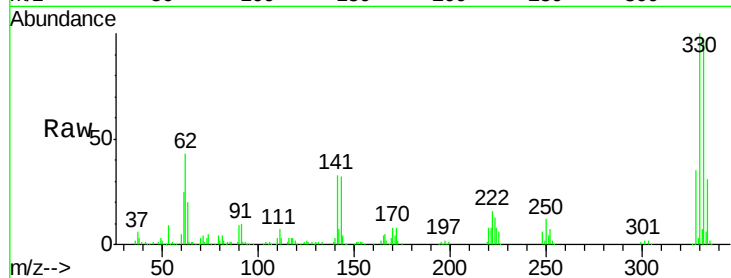




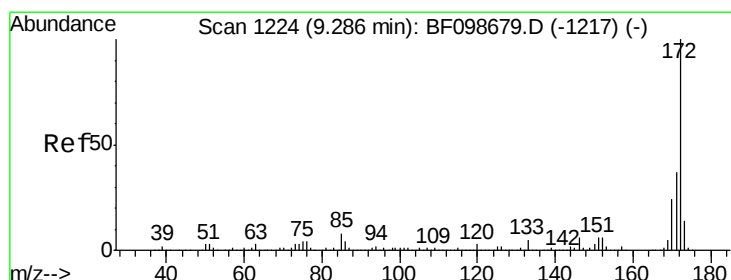
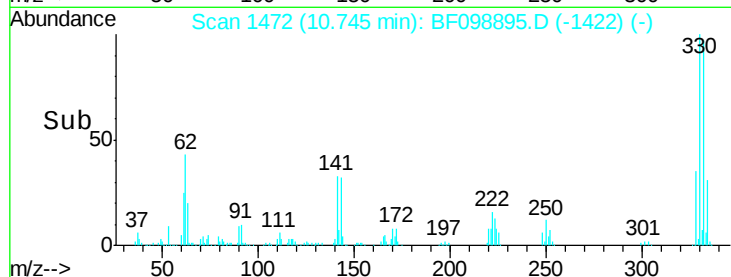
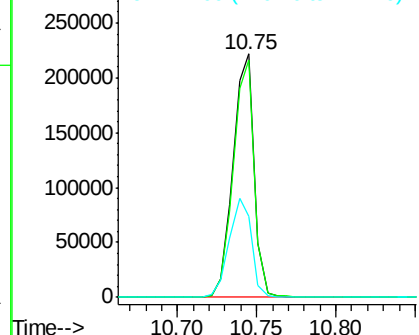
#41
 2,4,6-Tribromophenol
 Concen: 96.99 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	43.1	29.9	44.9

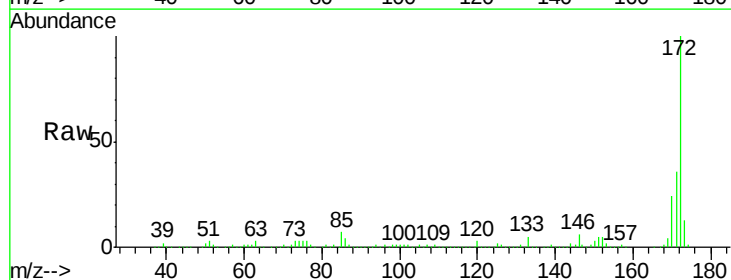


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

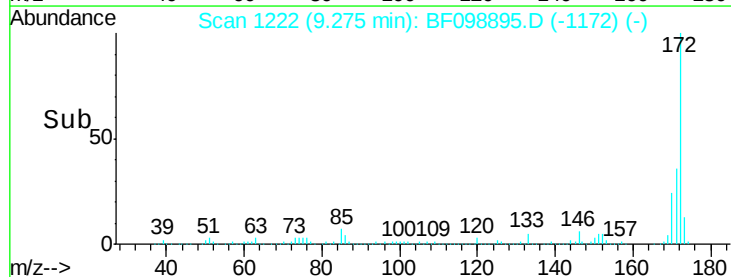
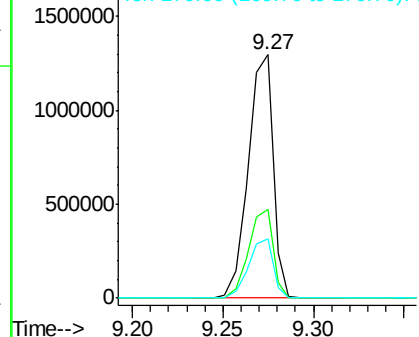


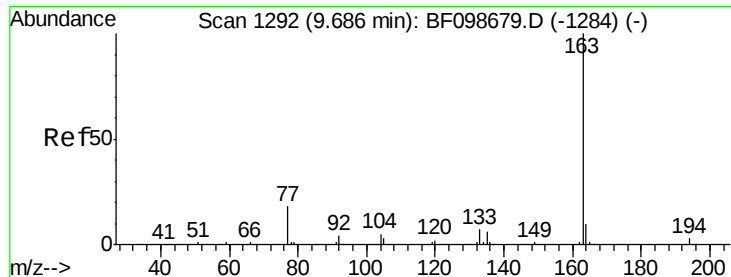
#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



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

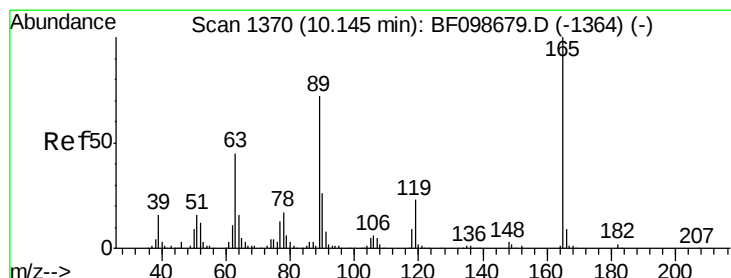
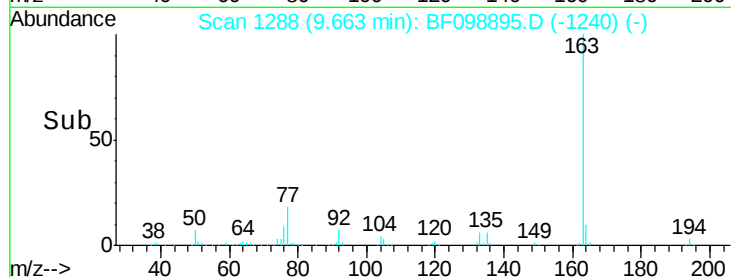
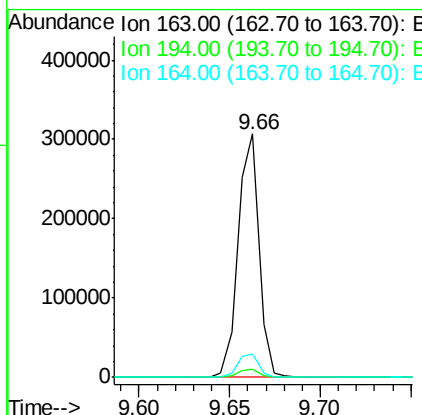
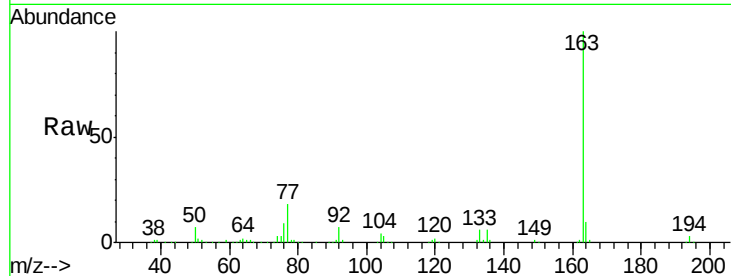




#49
Dimethylphthalate
Concen: 12.62 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

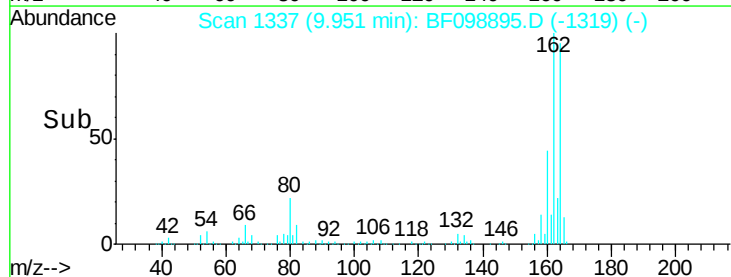
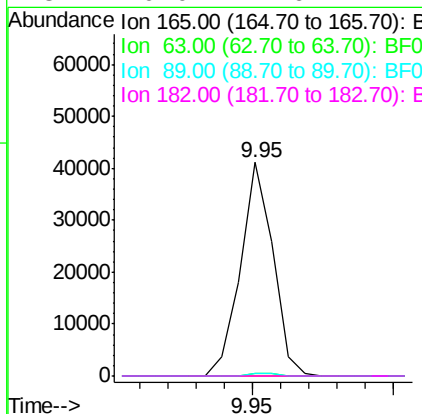
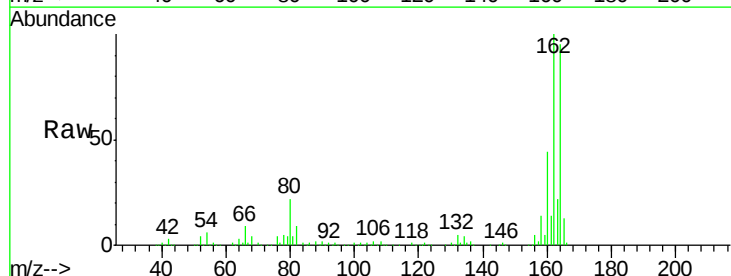
Instrument :
BNA_F
ClientSampleId :

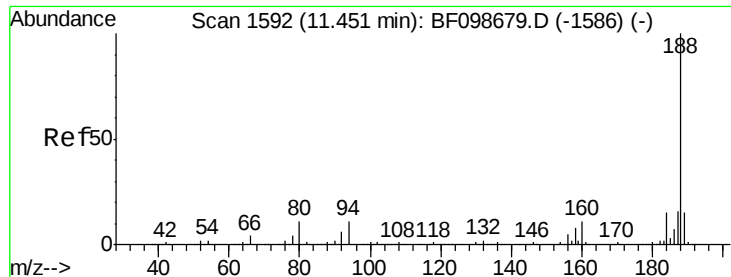
Tot Ion:163 Resp: 246478
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098895.D
Acq: 28 Sep 2017 7:39

Tgt Ion:165 Resp: 32819
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampleId :

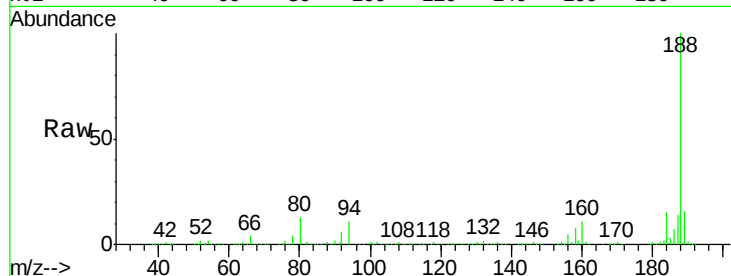
Tot Ion:188 Resp: 420987

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 12.6 9.2 13.8



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

