

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098894.D
 Acq On : 28 Sep 2017 7:11
 Operator : SJ/JU
 Sample : I5443-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 07:44:39 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

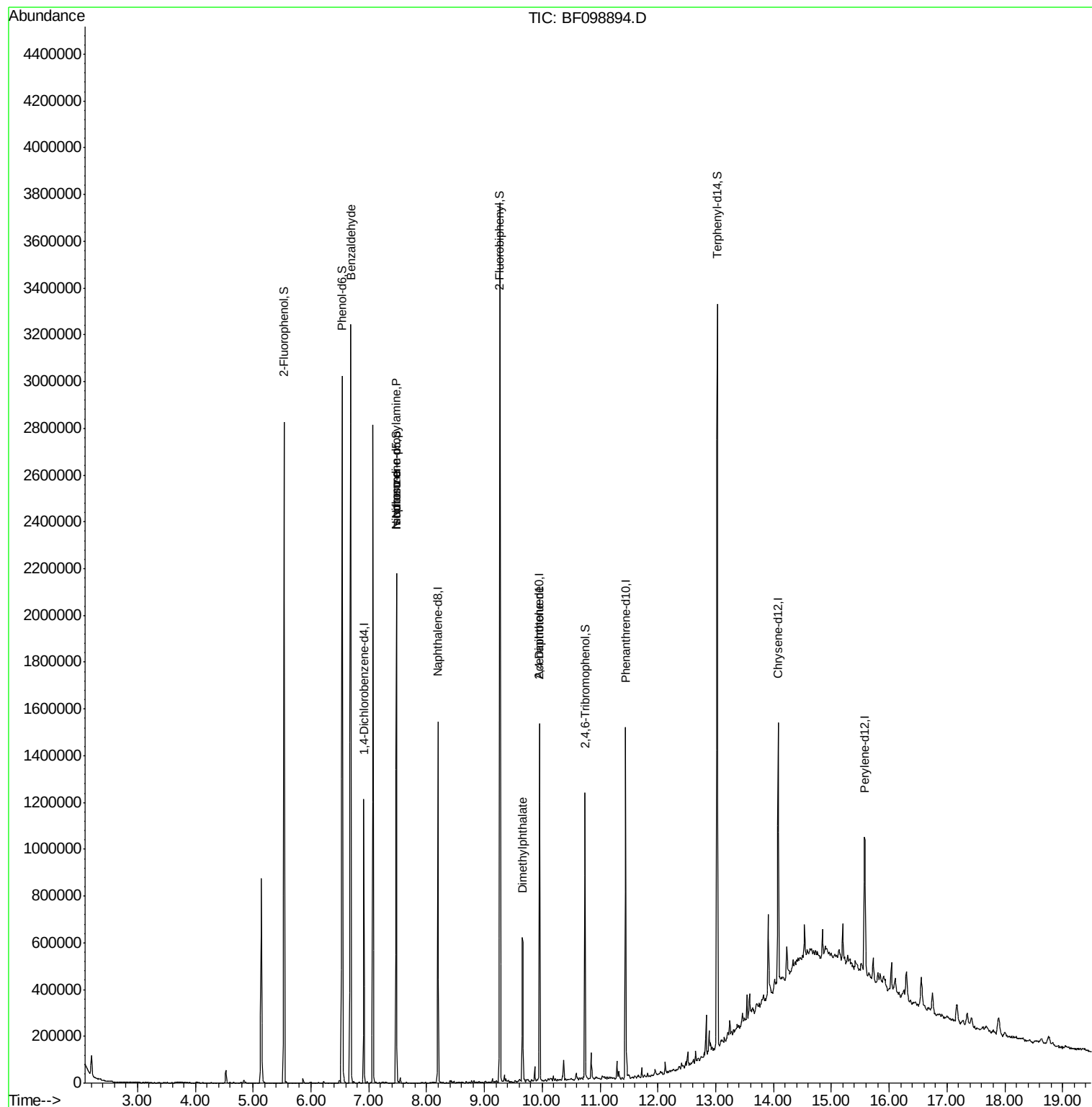
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159257	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	661674	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	281591	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	467005	20.00	ng	0.00
75) Chrysene-d12	14.08	240	355630	20.00	ng	0.00
86) Perylene-d12	15.57	264	248005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	833001	83.27	ng	0.00
7) Phenol-d6	6.54	99	1213305	98.31	ng	0.00
23) Nitrobenzene-d5	7.47	82	757350	73.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	115857	50.28	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1267736	75.16	ng	-0.01
78) Terphenyl-d14	13.03	244	1016302	64.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	19391	2.71	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.47	70	100272	12.73	ng	# 78
25) Isophorone	7.47	82	756499	35.46	ng	# 64
49) Dimethylphthalate	9.66	163	250409	11.78	ng	100
56) 2,4-Dinitrotoluene	9.95	165	35493	5.91	ng	# 23

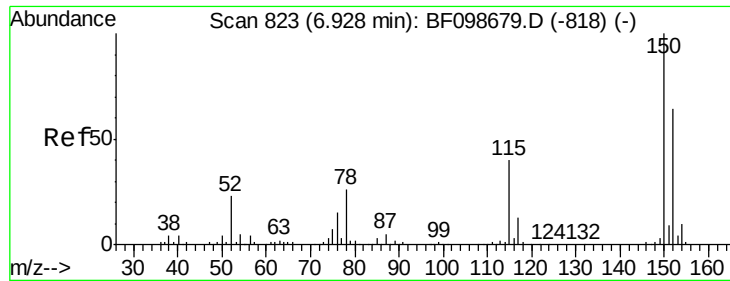
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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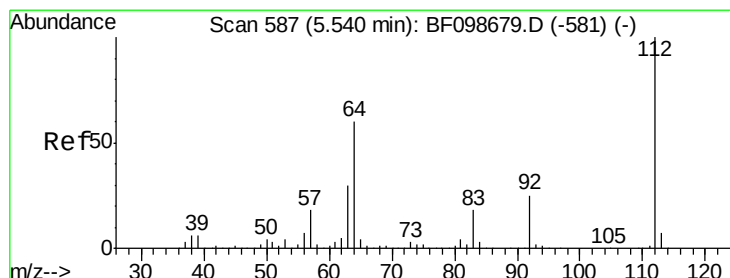
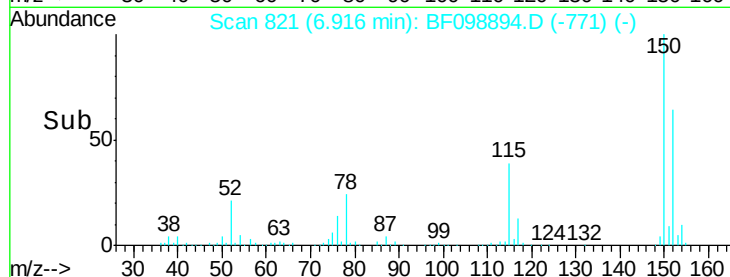
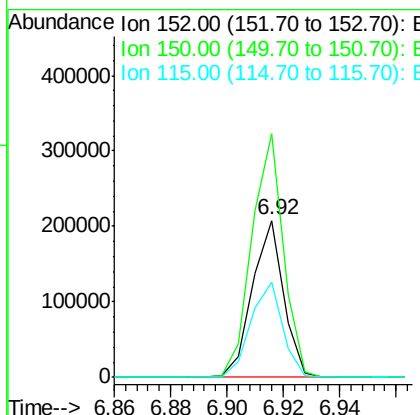
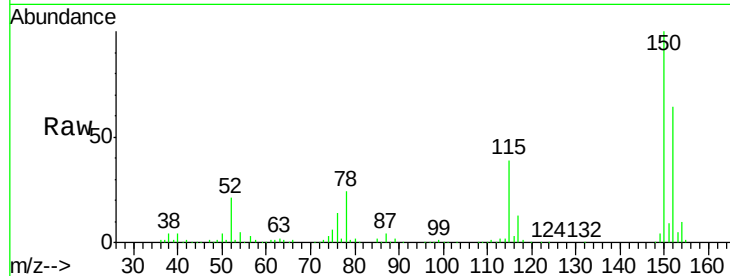




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

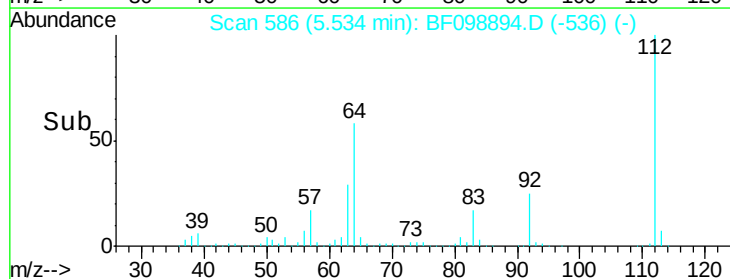
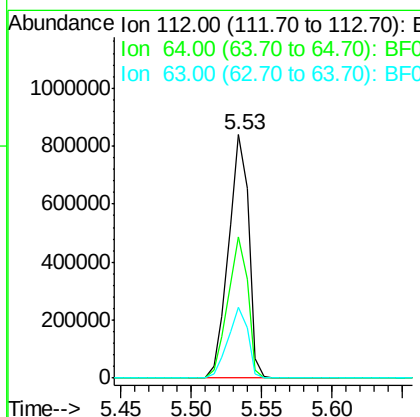
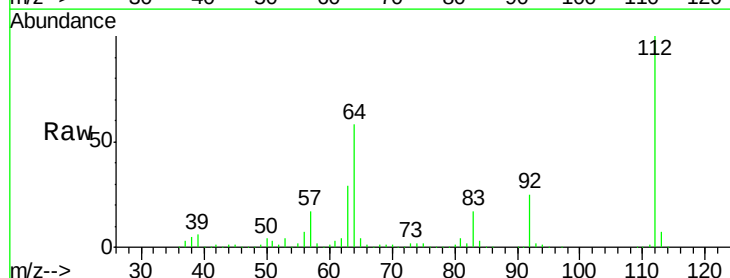
Instrument :
 BNA_F
 ClientSampleId :

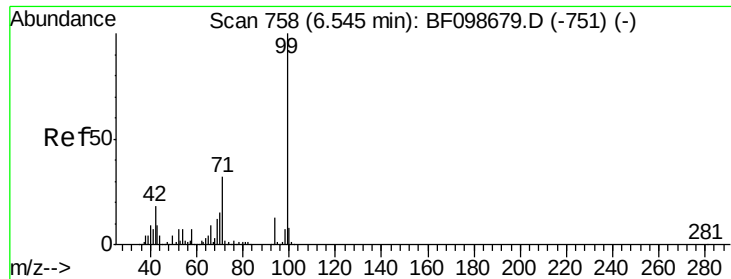
Tot Ion:152 Resp: 159257
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 60.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 83.27 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion:112 Resp: 833001
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 98.31 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098894.D

Acq: 28 Sep 2017 7:11

Instrument :

BNA_F

ClientSampled :

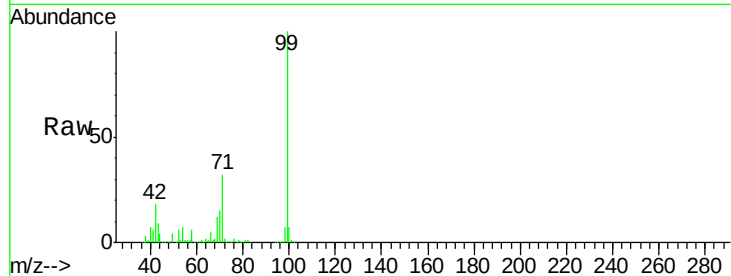
Tot Ion: 99 Resp: 1213305

Ion Ratio Lower Upper

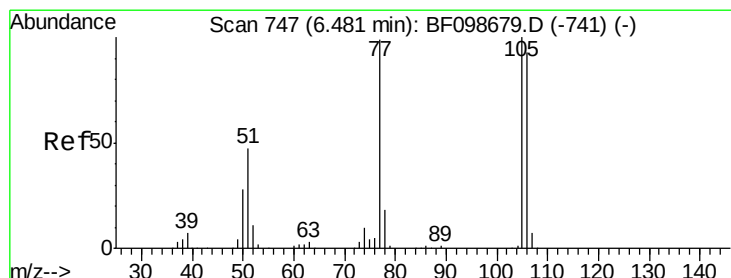
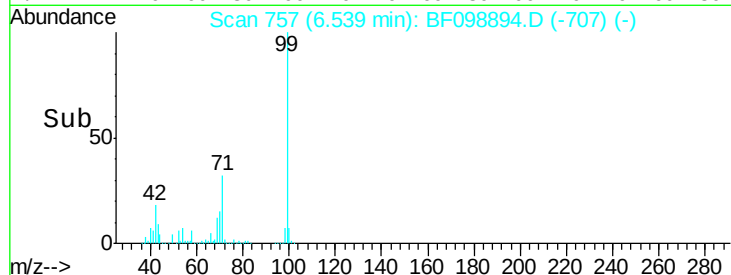
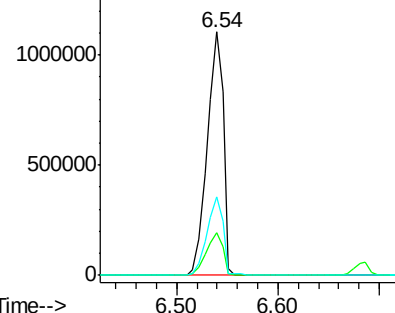
99 100

42 17.7 14.5 21.7

71 32.4 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



#9

Benzaldehyde

Concen: 2.71 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098894.D

Acq: 28 Sep 2017 7:11

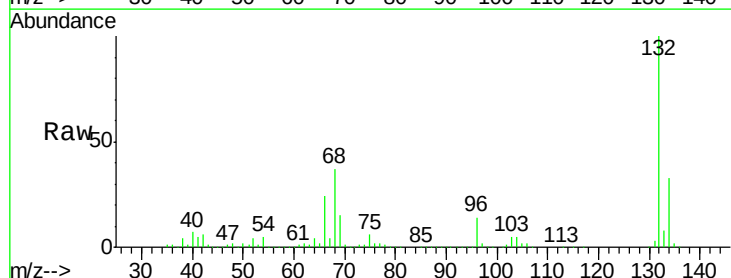
Tgt Ion: 77 Resp: 19391

Ion Ratio Lower Upper

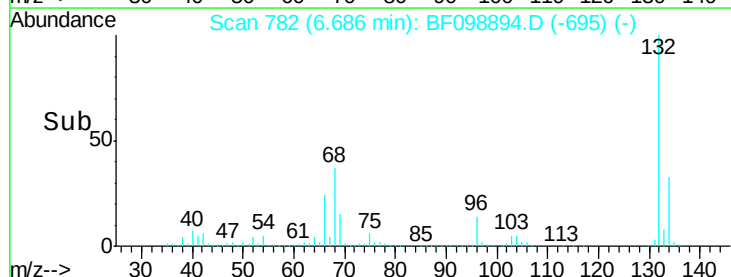
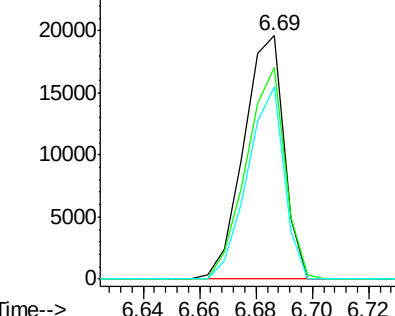
77 100

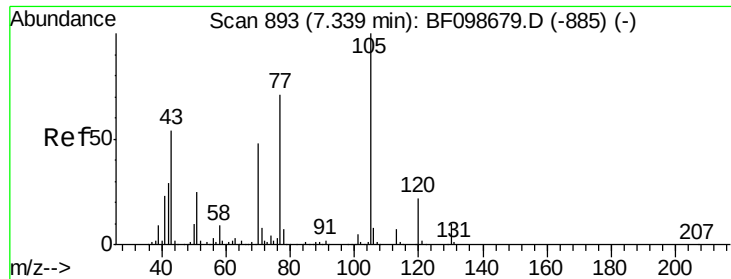
105 86.8 81.1 121.1

106 79.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

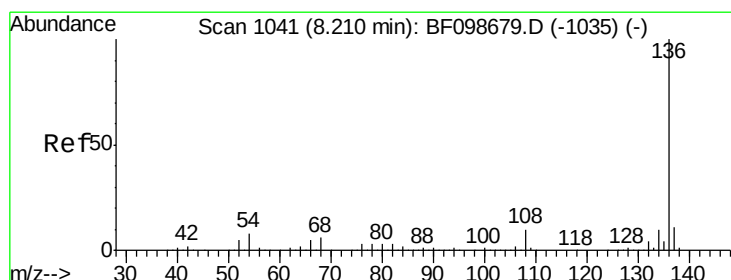
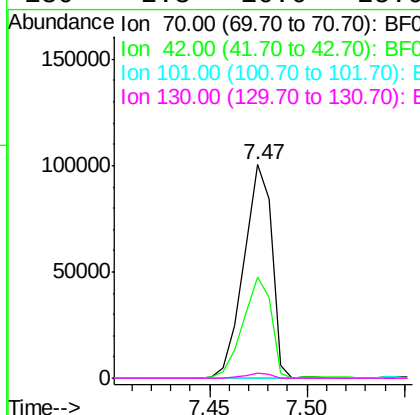
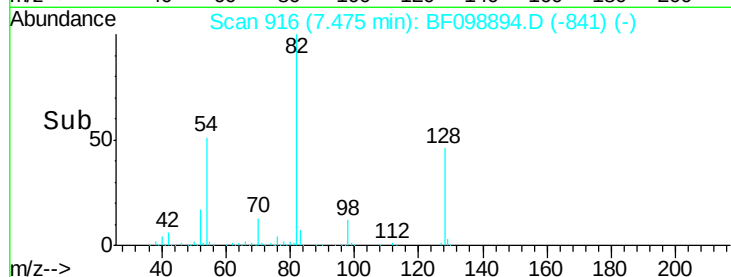
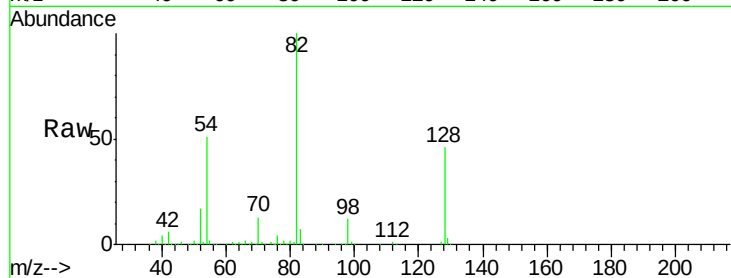




#19
n-Nitroso-di-n-propylamine
Concen: 12.73 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

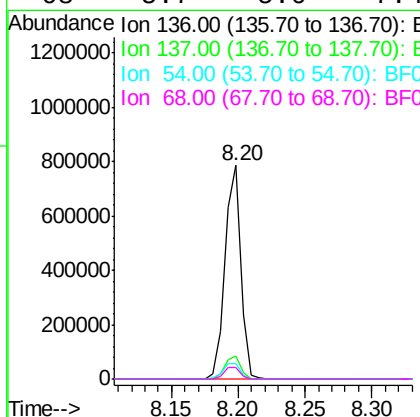
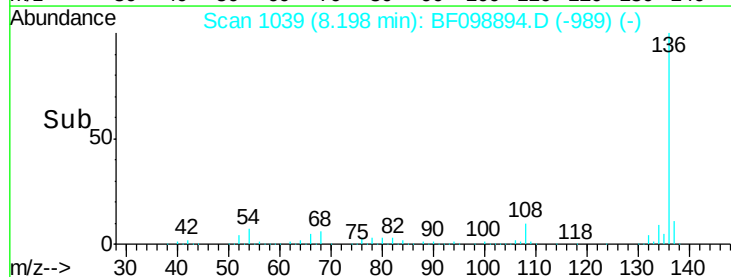
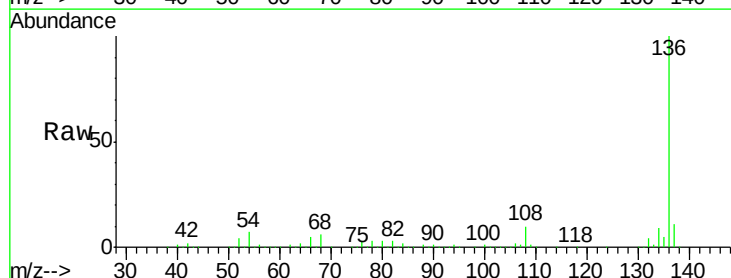
Instrument :
BNA_F
ClientSampleId :

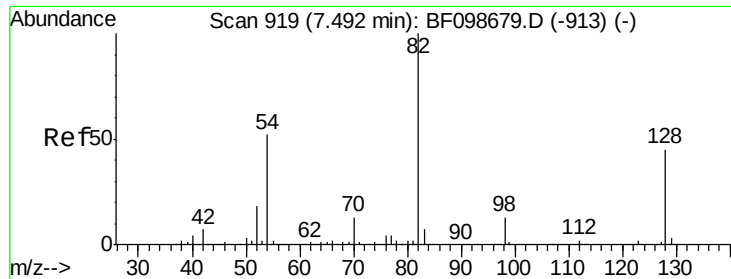
Tot Ion: 70 Resp: 100272
Ion Ratio Lower Upper
70 100
42 47.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Tgt Ion: 136 Resp: 661674
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 5.7 5.0 7.4

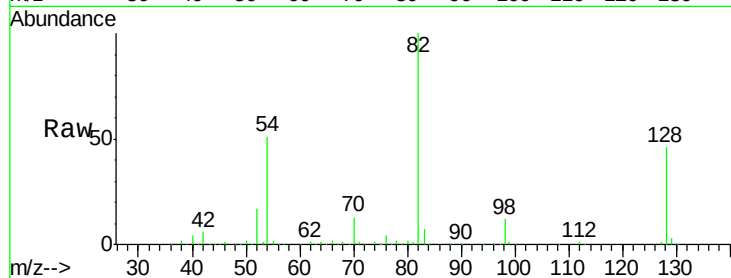




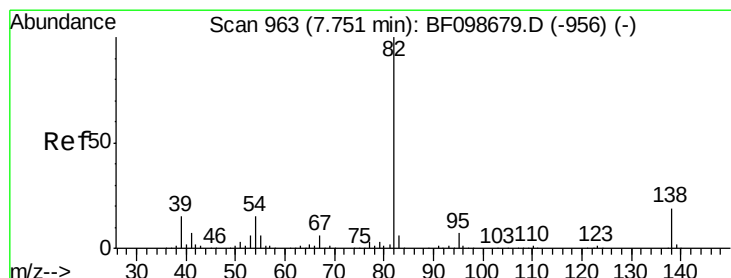
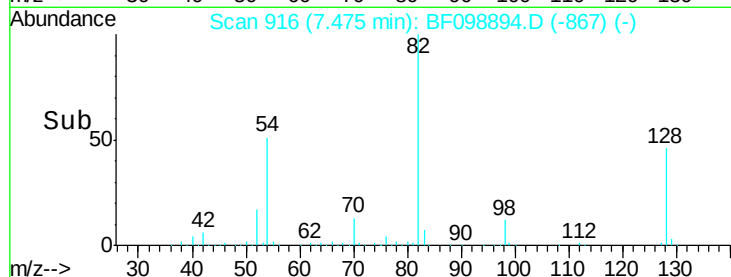
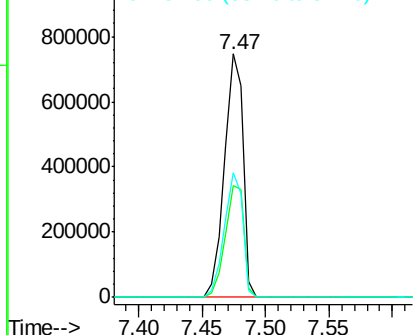
#23
 Nitrobenzene-d5
 Concen: 73.40 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	51.1	41.4	62.2

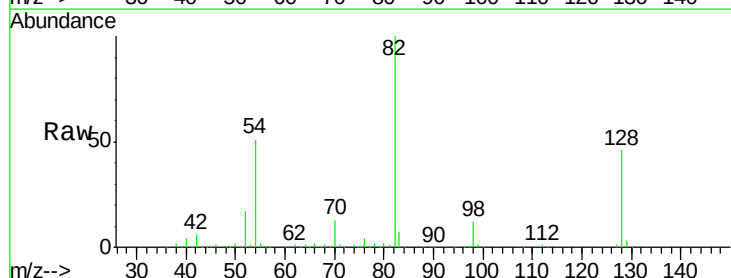


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

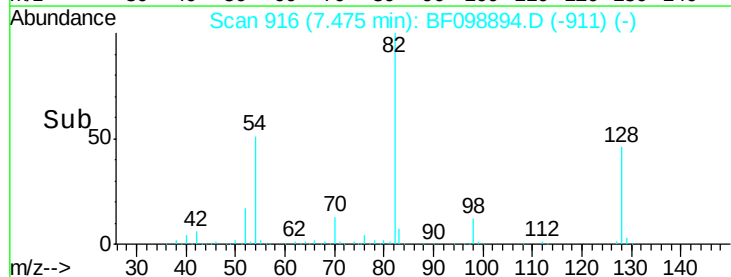
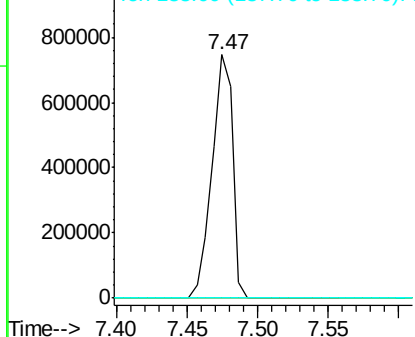


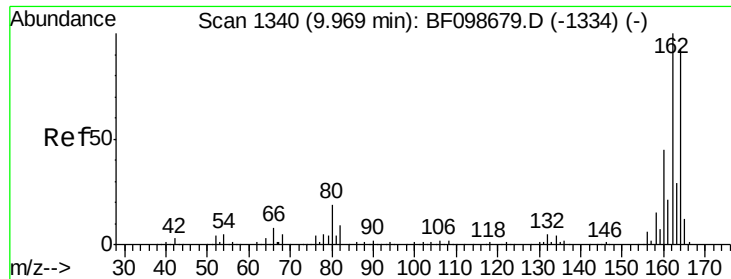
#25
 Isophorone
 Concen: 35.46 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

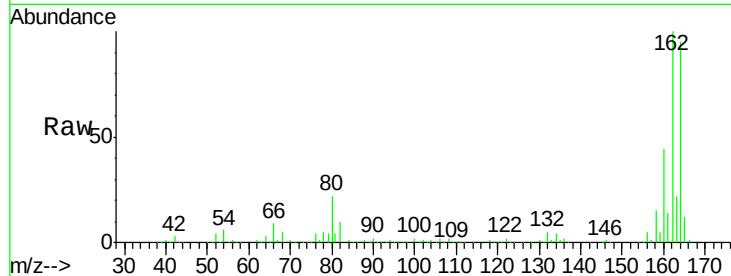




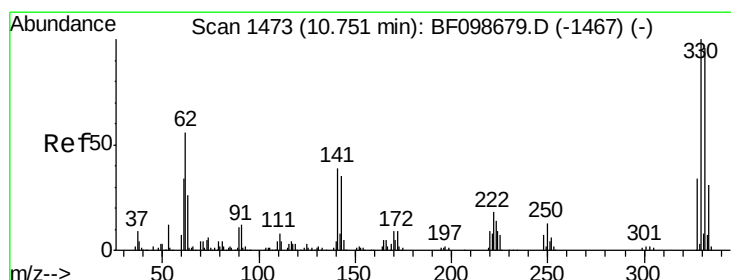
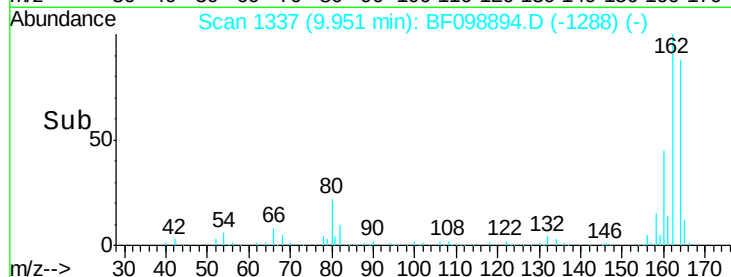
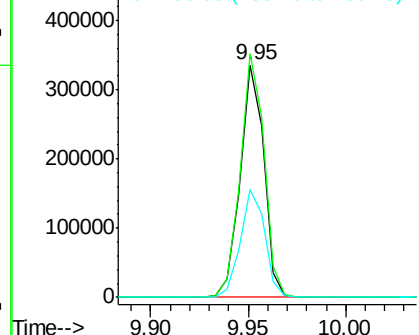
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 281591
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 46.6 38.3 57.5

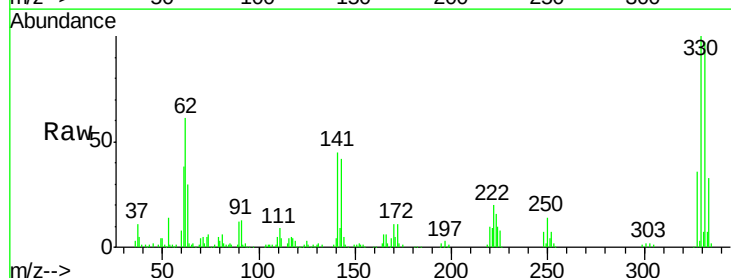


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

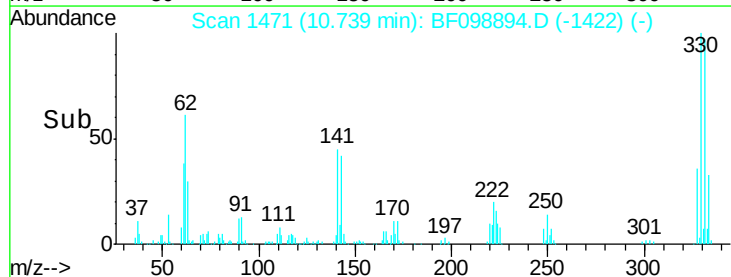
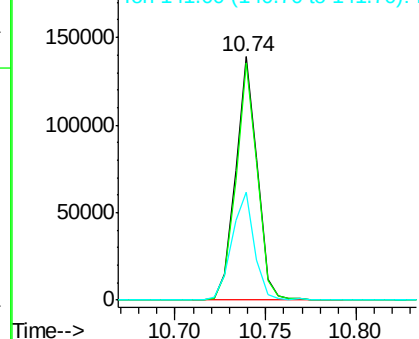


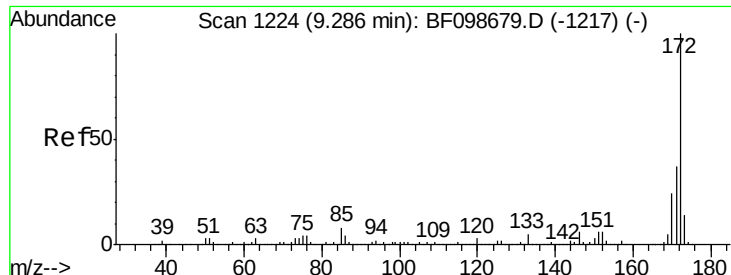
#41
 2,4,6-Tribromophenol
 Concen: 50.28 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion:330 Resp: 115857
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 46.6 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



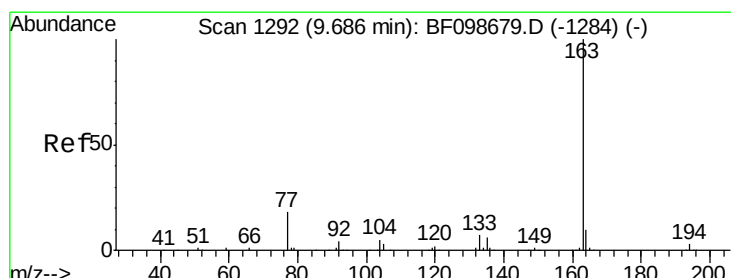
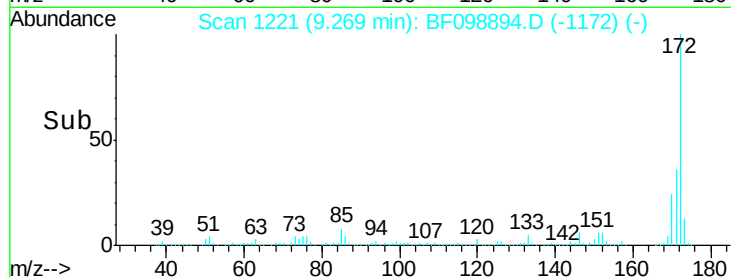
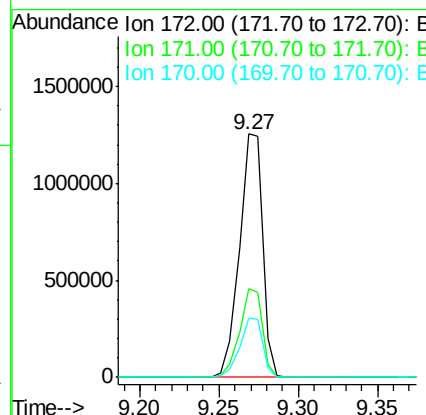
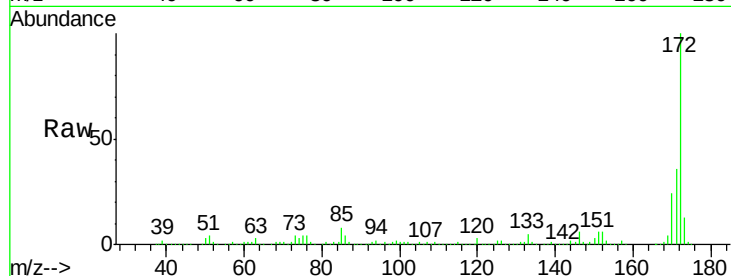


#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1267736

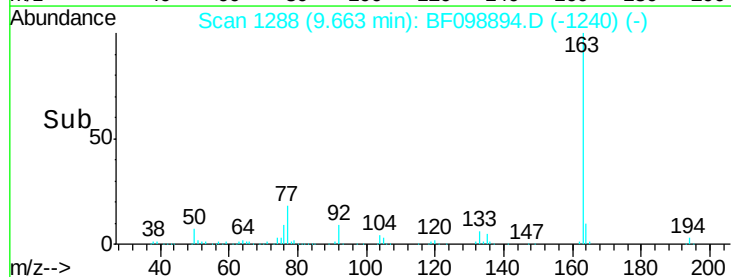
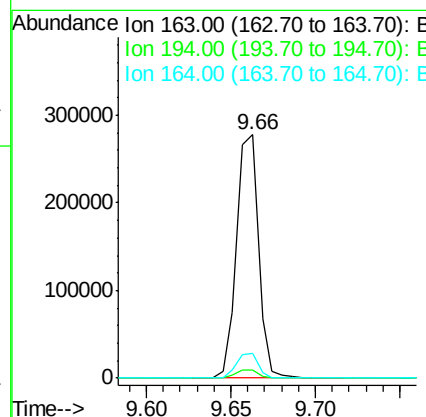
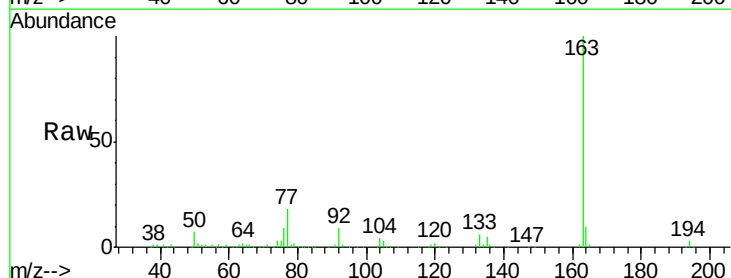
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

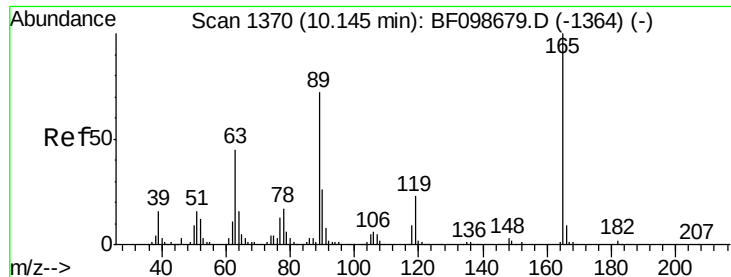


#49
 Dimethylphthalate
 Concen: 11.78 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion:163 Resp: 250409

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

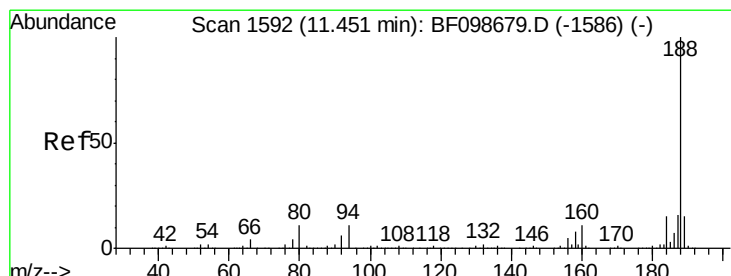
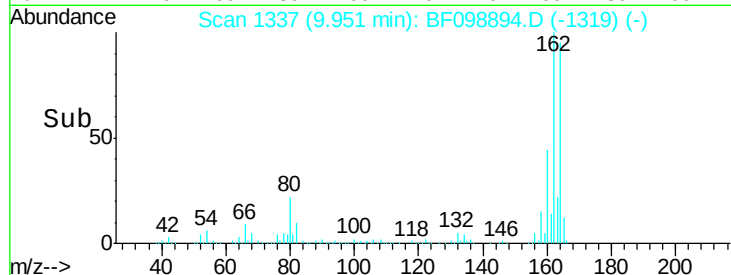
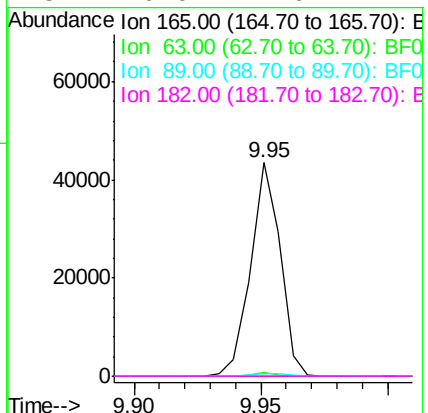
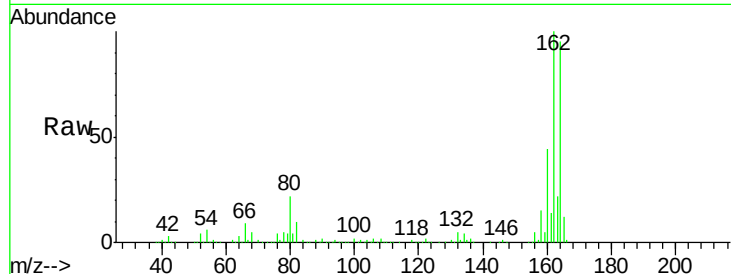




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

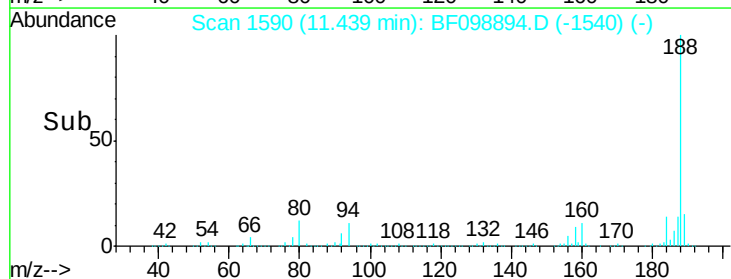
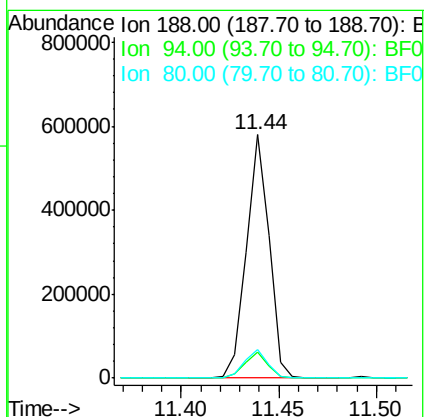
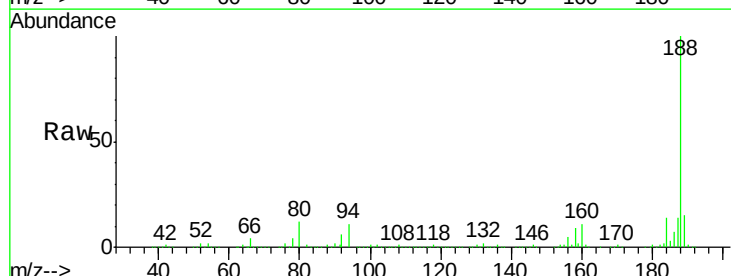
Instrument :
 BNA_F
 ClientSampleId :

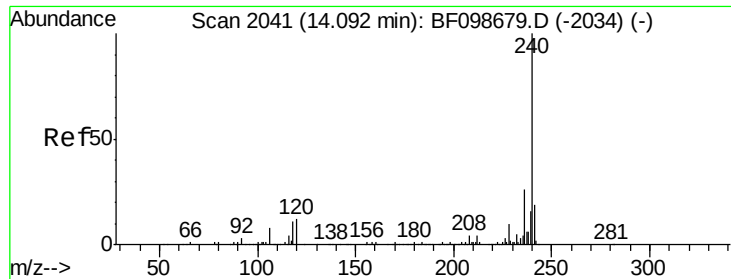
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098894.D
 Acq: 28 Sep 2017 7:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098894.D

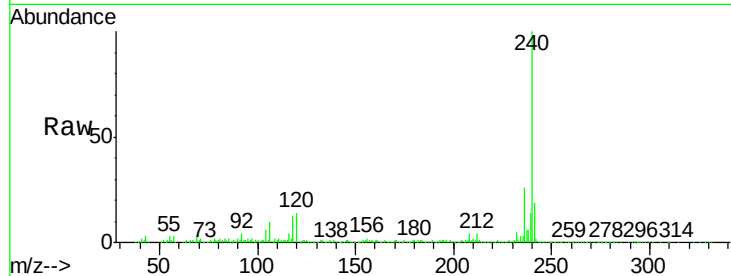
Acq: 28 Sep 2017 7:11

Instrument :

BNA_F

ClientSampled :

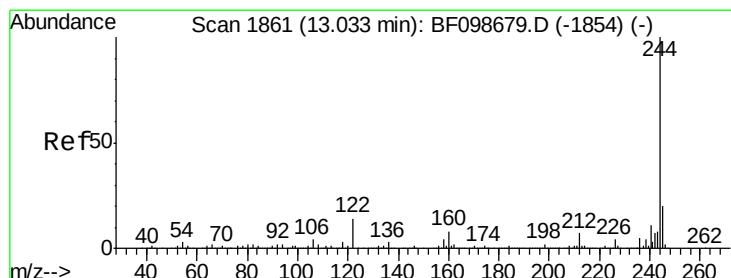
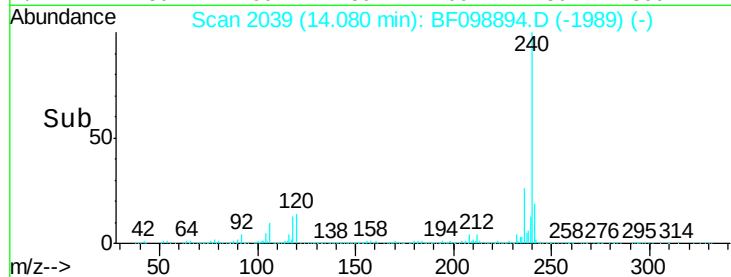
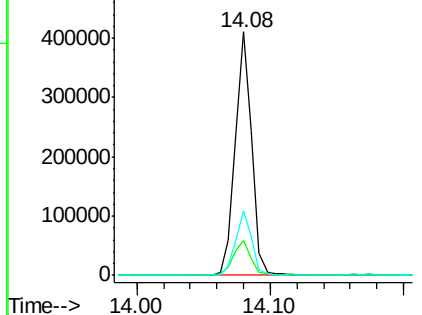
Tot Ion:	240	Resp:	355630
Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.3	20.7	31.1



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

Terphenyl-d14

Concen: 64.99 ng

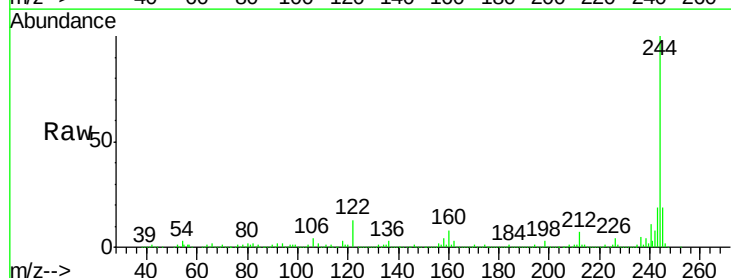
RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098894.D

Acq: 28 Sep 2017 7:11

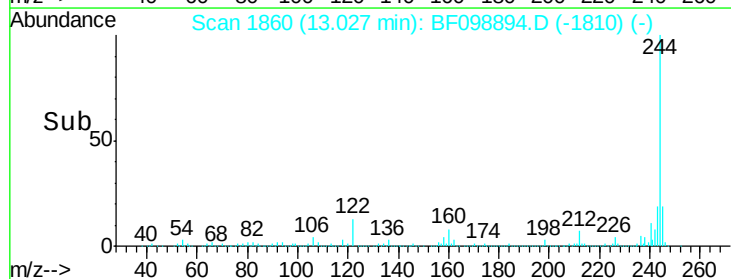
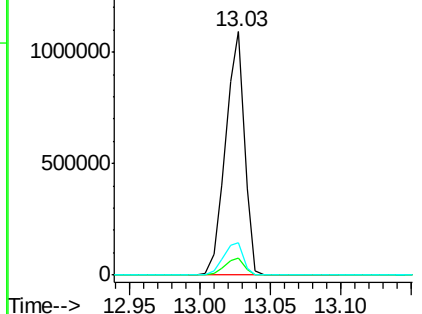
Tgt Ion:	244	Resp:	1016302
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4

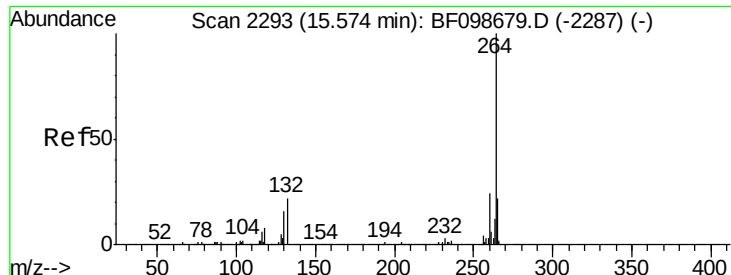


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098894.D
Acq: 28 Sep 2017 7:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	248005
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

