

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098911.D
 Acq On : 28 Sep 2017 16:26
 Operator : SJ/JU
 Sample : I5464-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:43:14 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

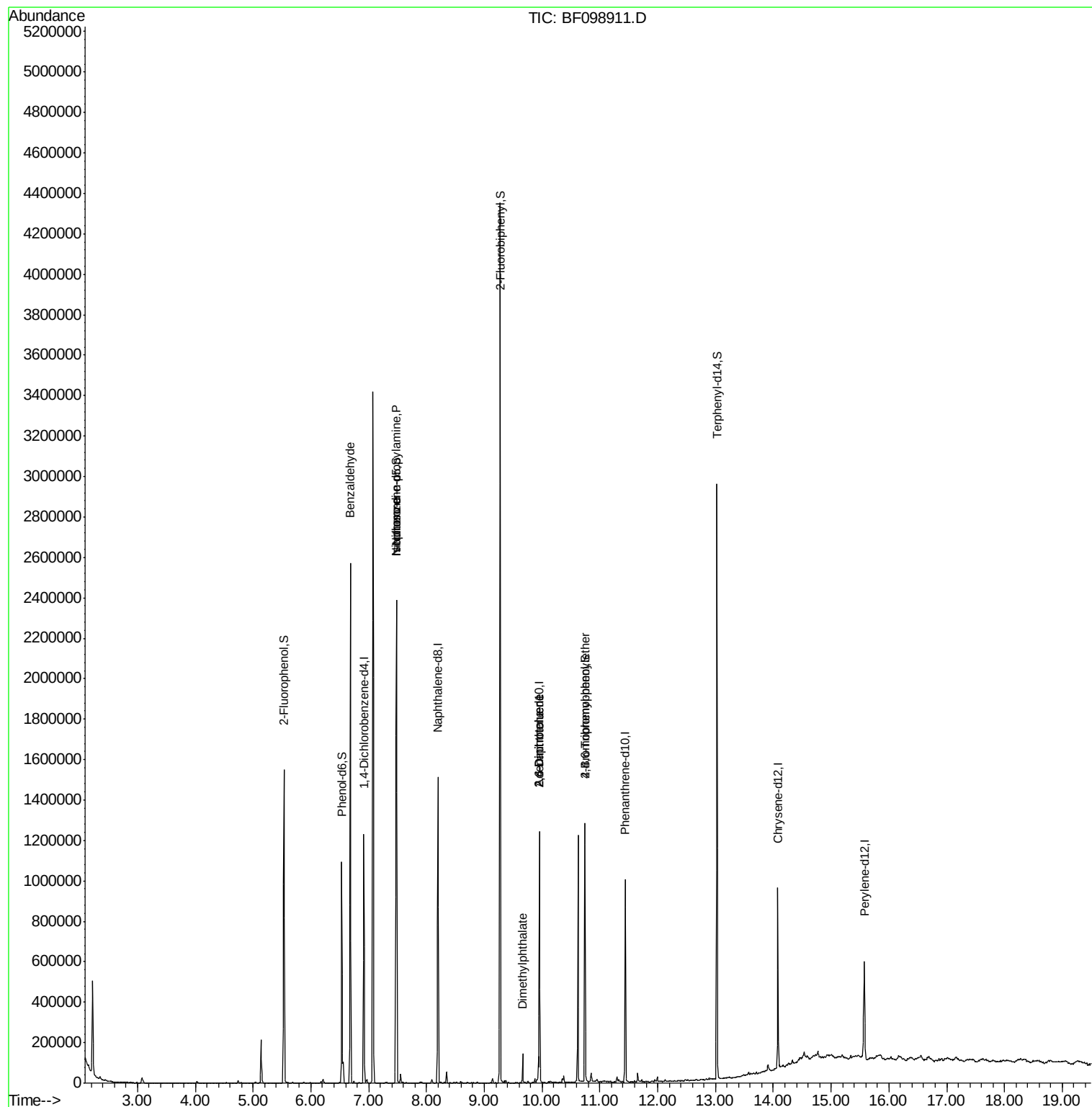
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155291	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	614704	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	242826	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	343131	20.00	ng	0.00
75) Chrysene-d12	14.08	240	272304	20.00	ng	0.00
86) Perylene-d12	15.57	264	219613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396405	40.64	ng	0.00
7) Phenol-d6	6.53	99	298686	24.82	ng	-0.01
23) Nitrobenzene-d5	7.48	82	839458	87.58	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	131652	66.26	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1366604	93.95	ng	0.00
78) Terphenyl-d14	13.03	244	940872	78.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	14372	2.06	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.48	70	111280	14.48	ng	# 79
25) Isophorone	7.48	82	836209	42.20	ng	# 64
49) Dimethylphthalate	9.66	163	52000	2.84	ng	99
50) 2,6-Dinitrotoluene	9.96	165	30964	7.76	ng	# 26
56) 2,4-Dinitrotoluene	9.96	165	30964	5.98	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	9010	2.68	ng	# 1

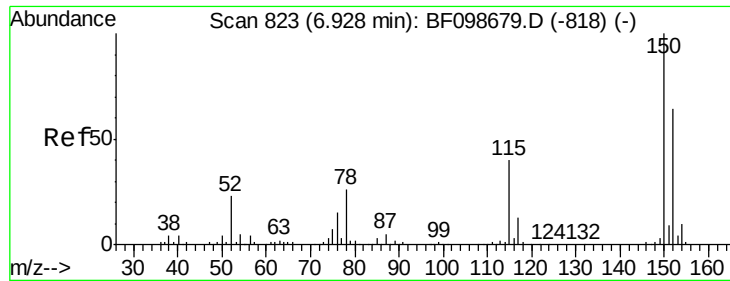
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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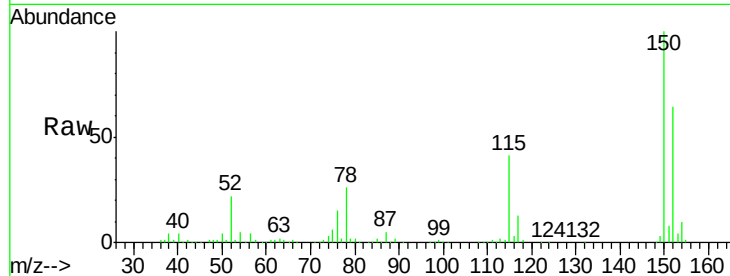


#1

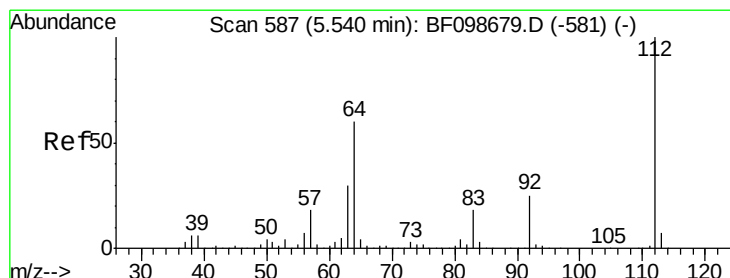
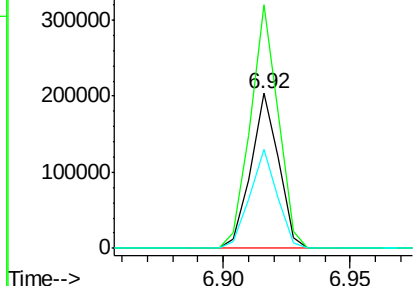
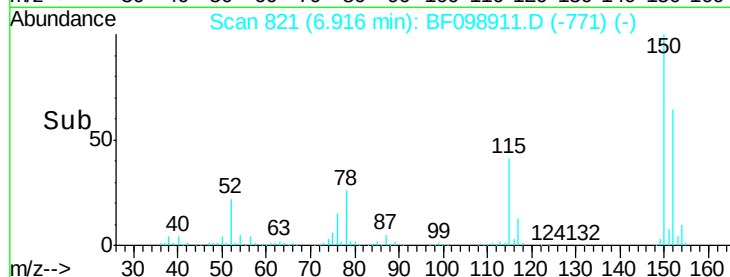
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 155291
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 63.6 50.1 75.1



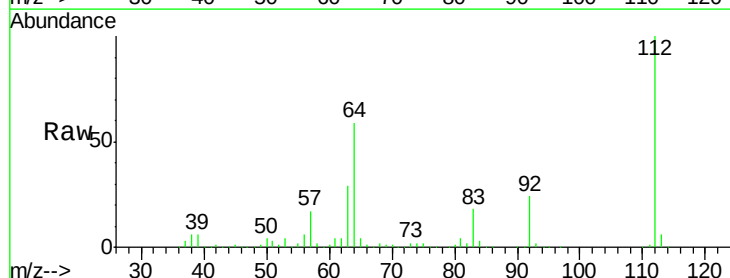
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



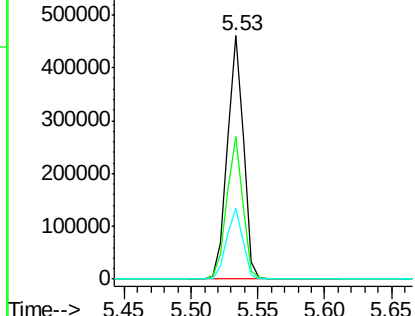
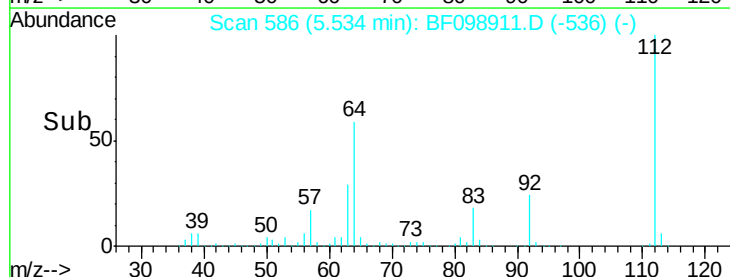
#5

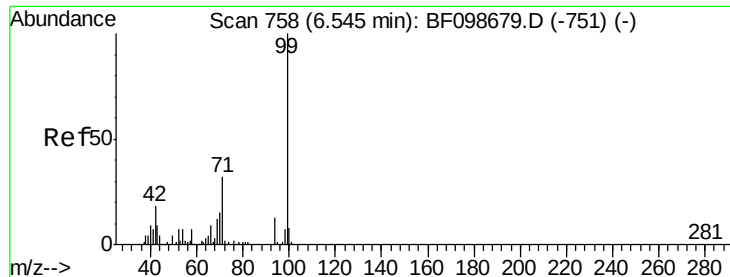
2-Fluorophenol
 Concen: 40.64 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Tgt Ion:112 Resp: 396405
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.2 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: 24.82 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

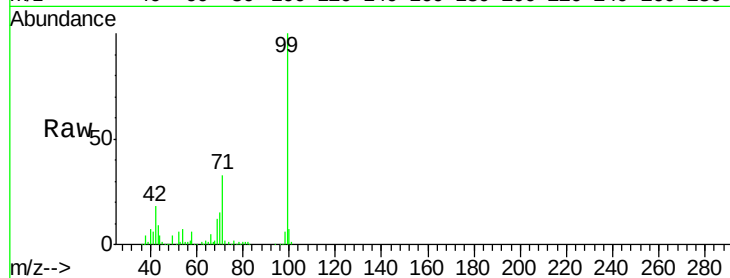
Tot Ion: 99 Resp: 298686

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

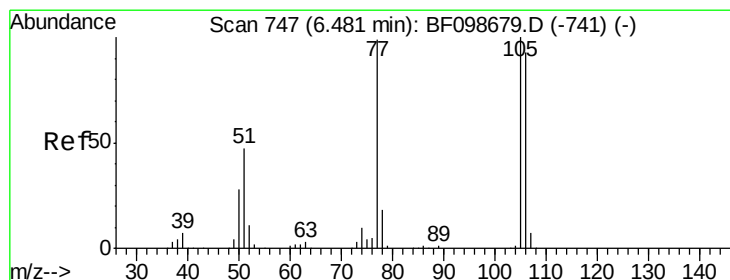
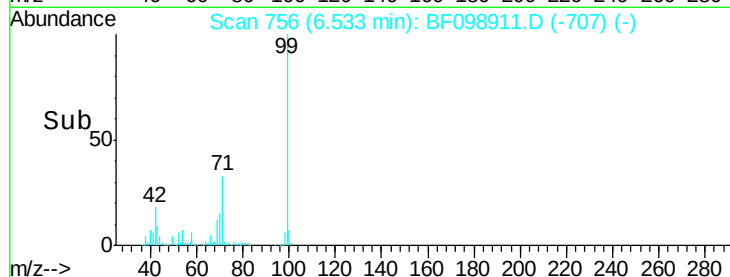
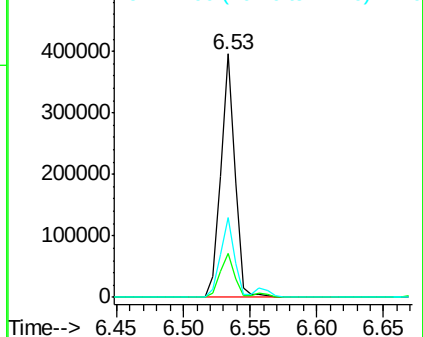
71 32.6 25.4 38.0



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: 2.06 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

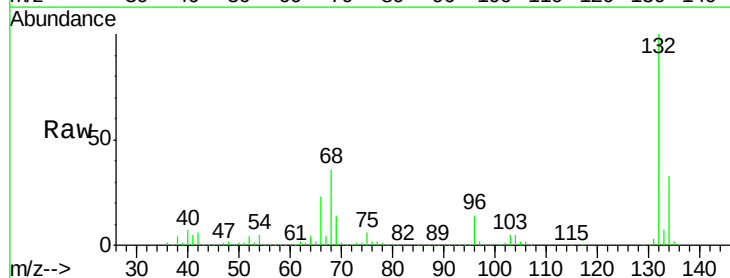
Tgt Ion: 77 Resp: 14372

Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

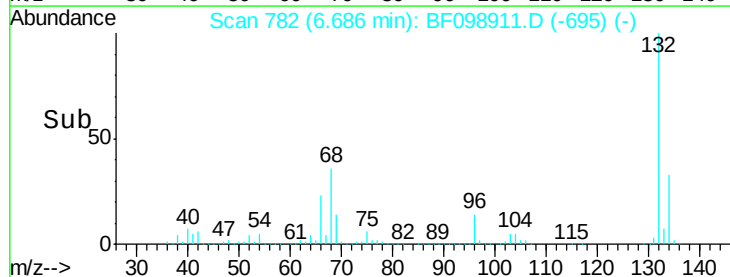
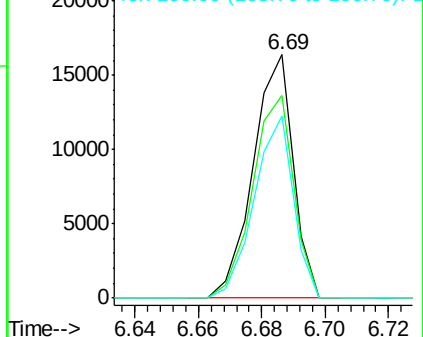
106 75.0 74.5 114.5

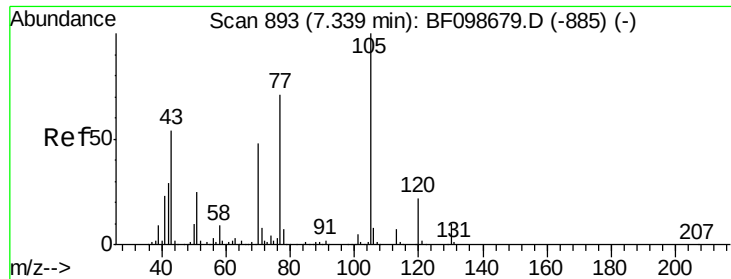


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

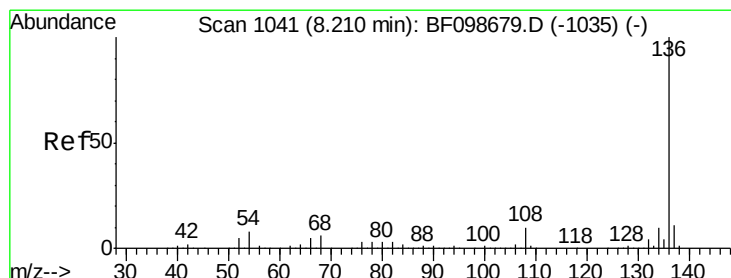
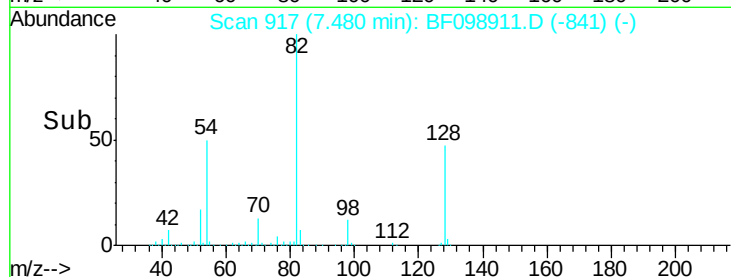
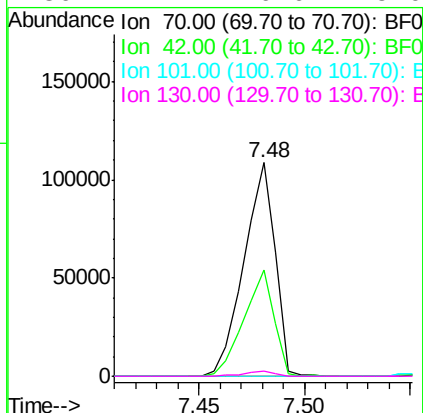
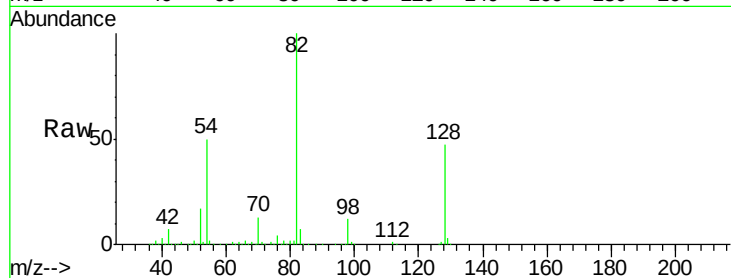




#19
n-Nitroso-di-n-propylamine
Concen: 14.48 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

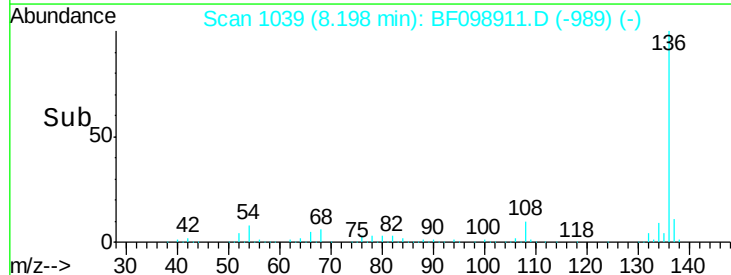
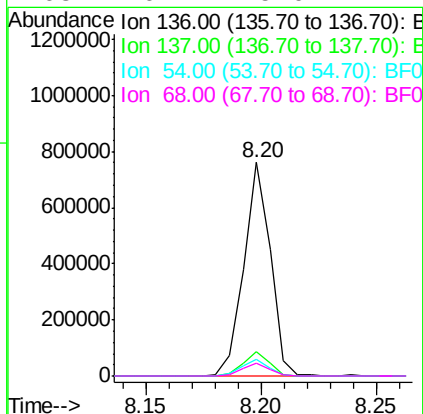
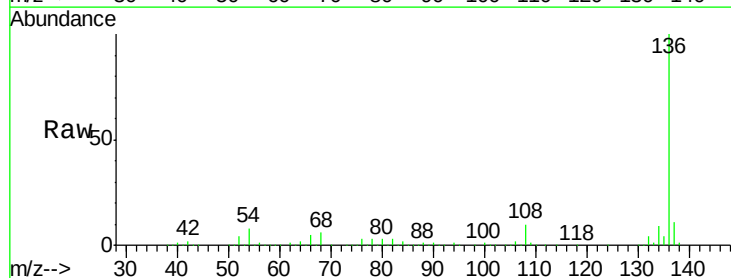
Instrument :
BNA_F
ClientSampleId :

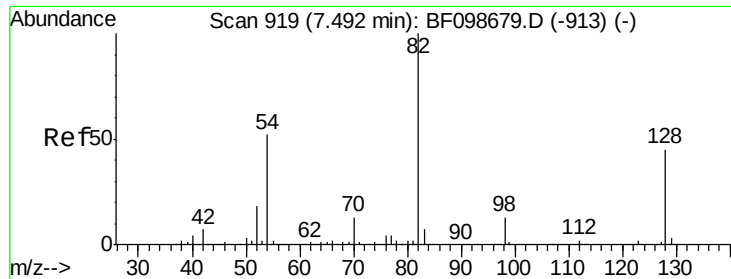
Tot Ion: 70 Resp: 111280
Ion Ratio Lower Upper
70 100
42 49.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:136 Resp: 614704
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.1 6.6 9.8
68 6.2 5.0 7.4

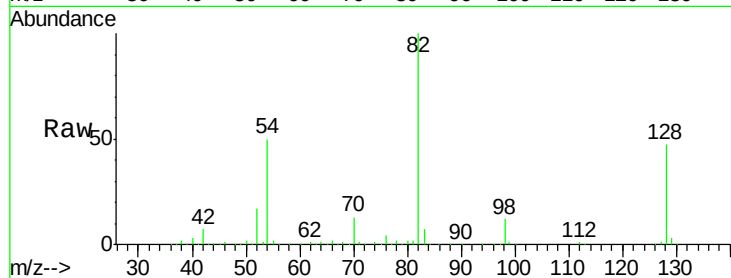




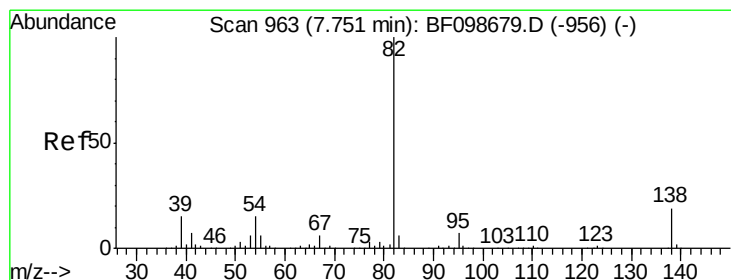
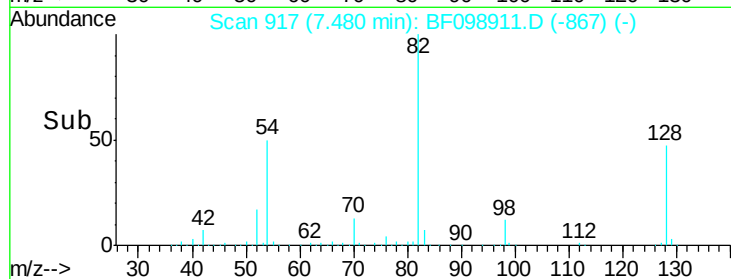
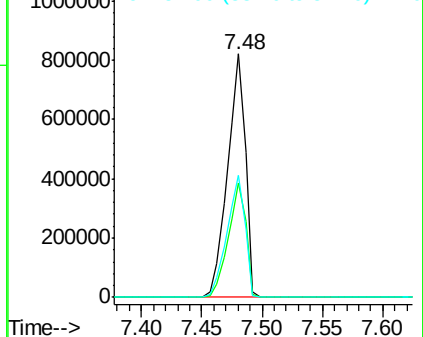
#23
Nitrobenzene-d5
Concen: 87.58 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	839458
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.1	54.1
54	49.9	41.4	62.2

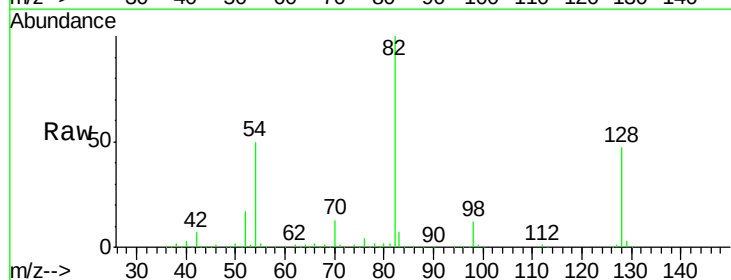


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

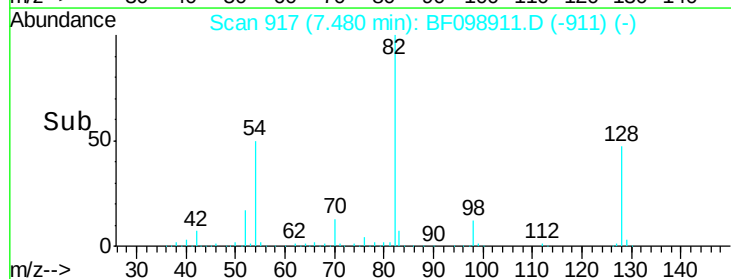
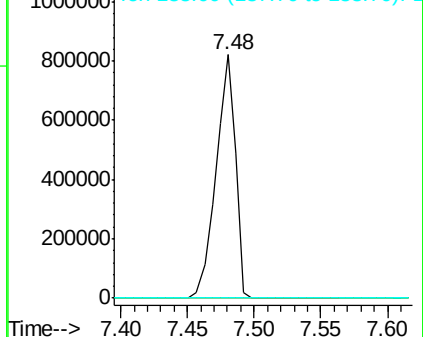


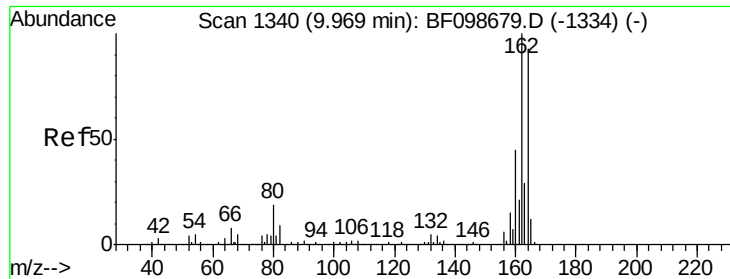
#25
Isophorone
Concen: 42.20 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion	82	Resp	836209
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

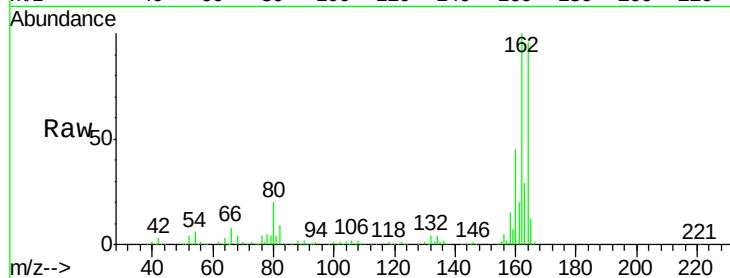




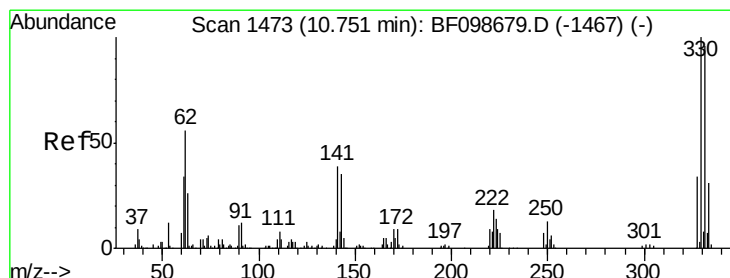
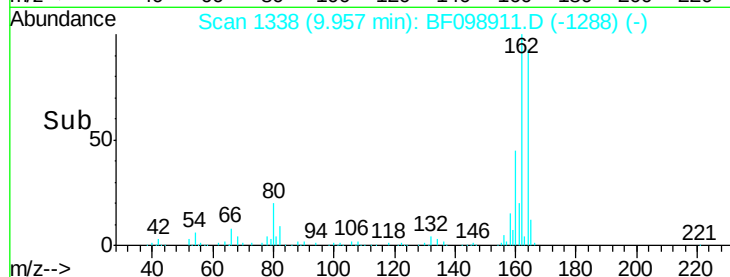
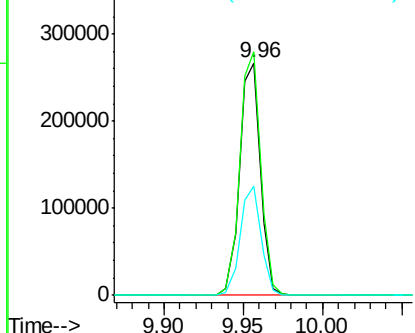
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 242826
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 46.9 38.3 57.5

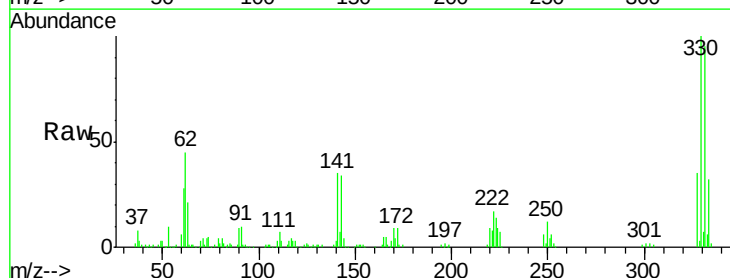


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

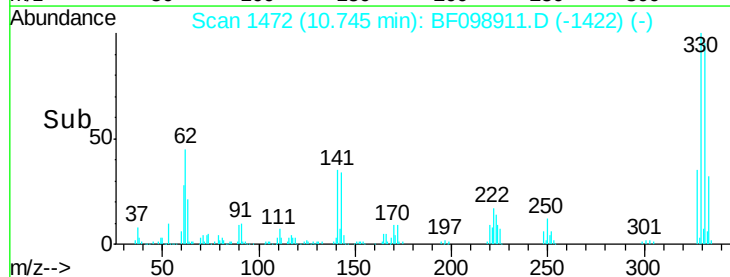
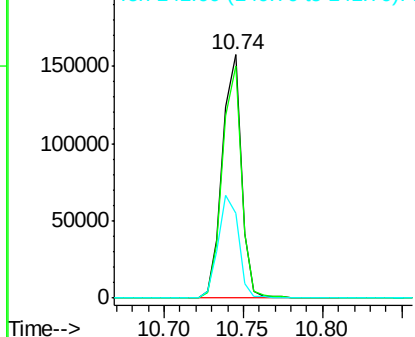


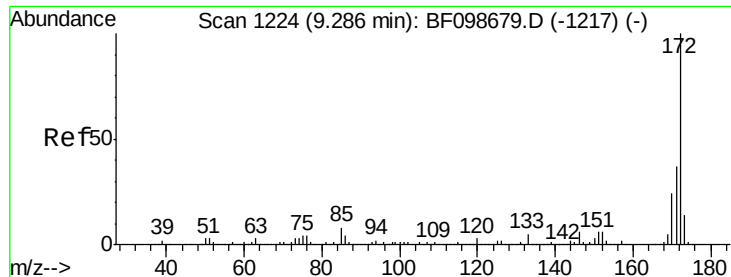
#41
2,4,6-Tribromophenol
Concen: 66.26 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:330 Resp: 131652
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 45.3 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

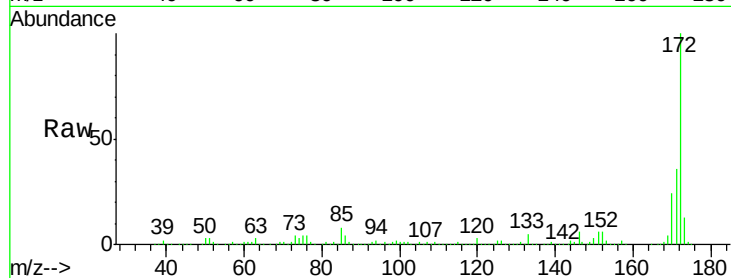




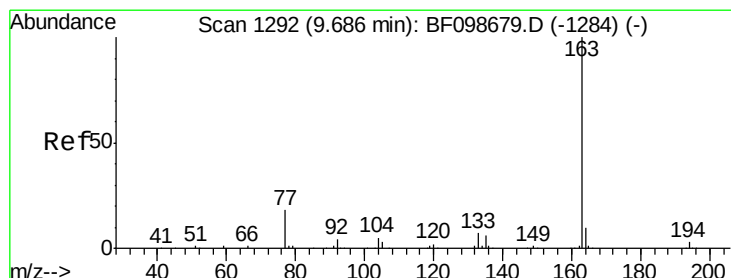
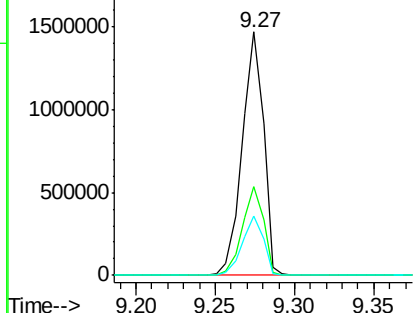
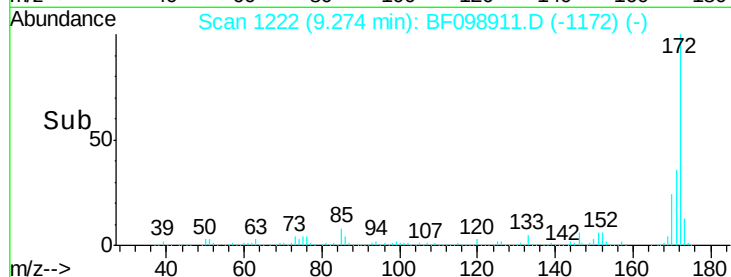
#44
2-Fluorobiphenyl
Concen: 93.95 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1366604
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4

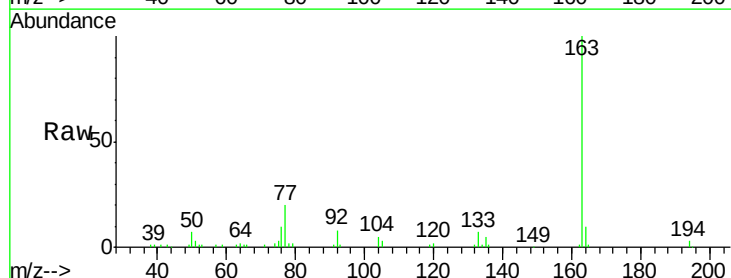


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

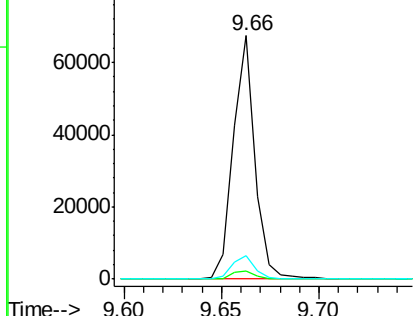
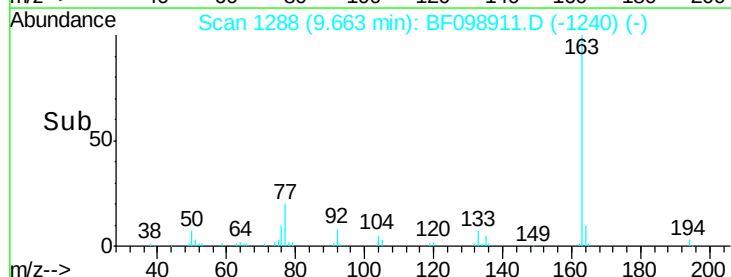


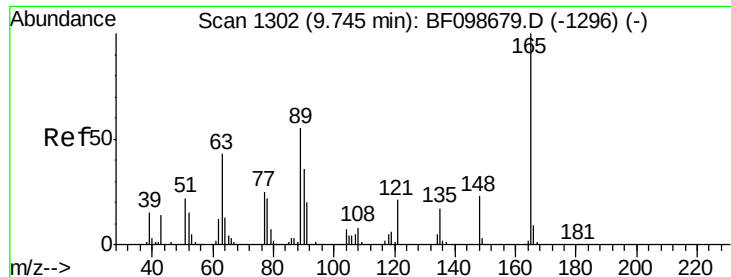
#49
Dimethylphthalate
Concen: 2.84 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:163 Resp: 52000
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
80000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

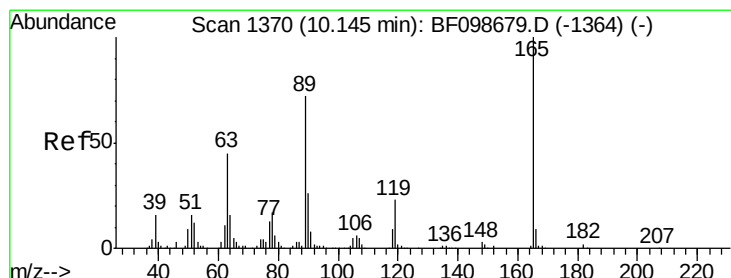
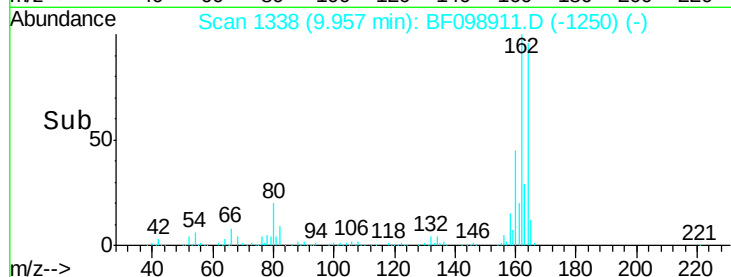
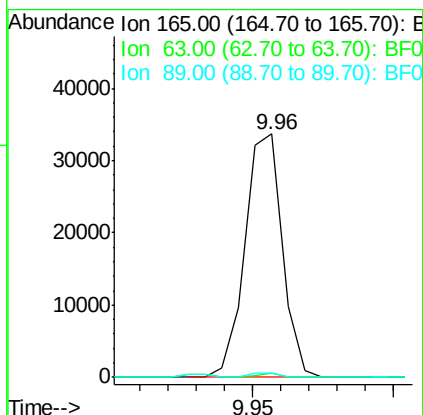
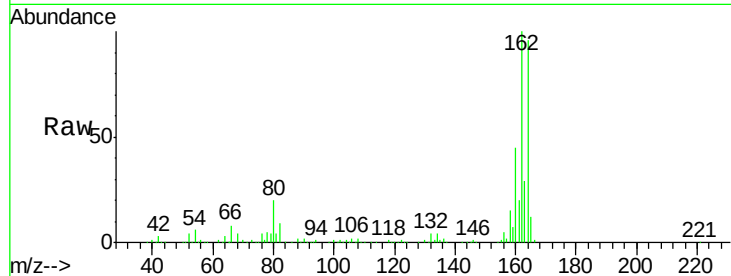




#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.22 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

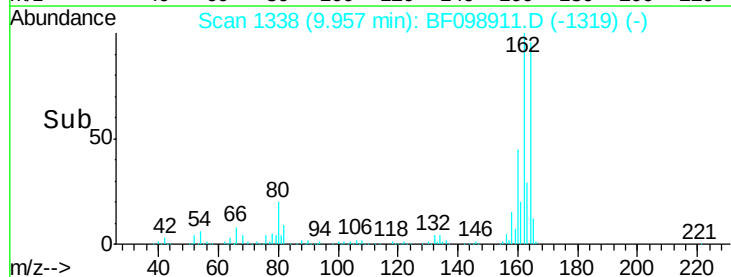
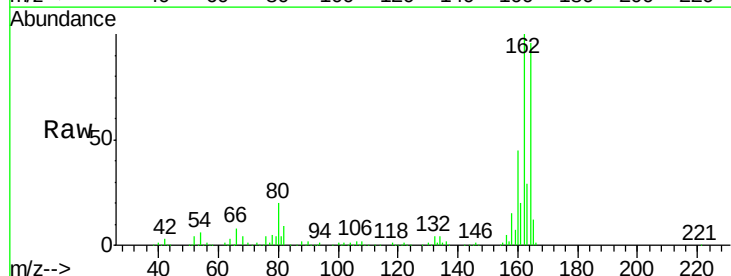
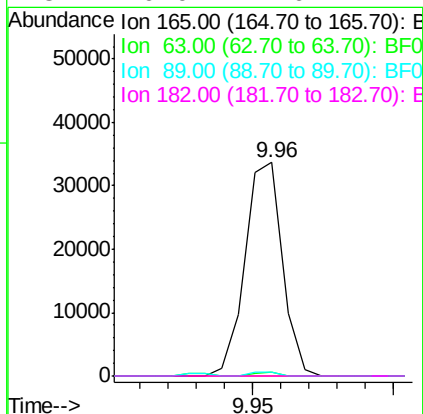
Instrument :
 BNA_F
 ClientSampleId :

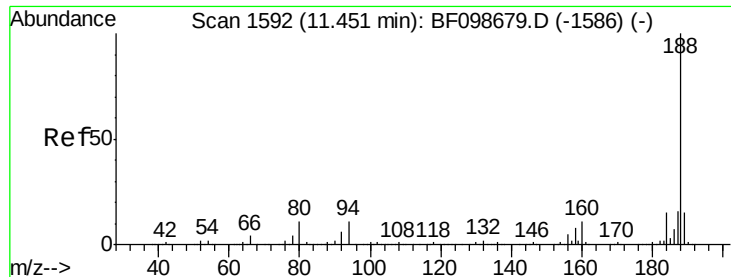
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.19 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

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

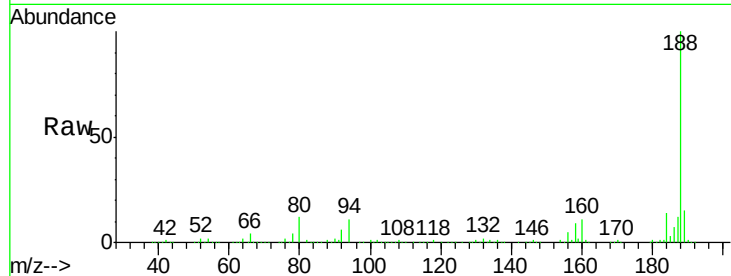




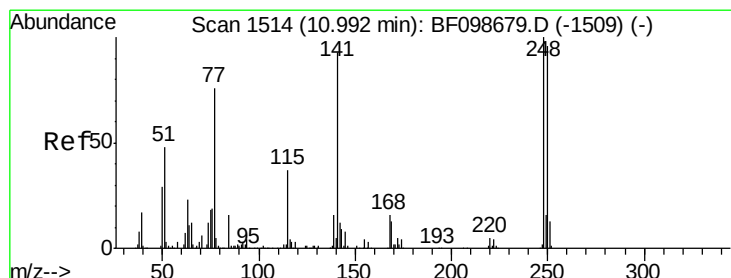
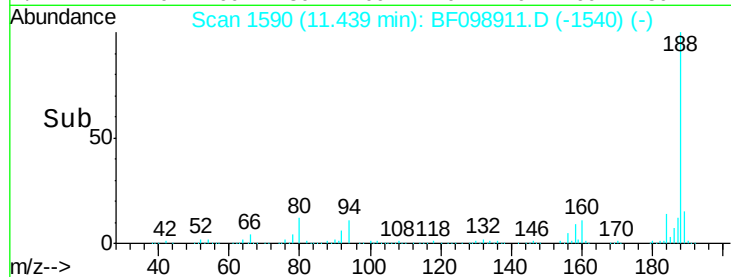
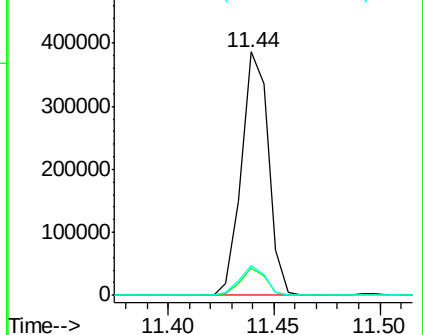
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 343131
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.2 9.2 13.8

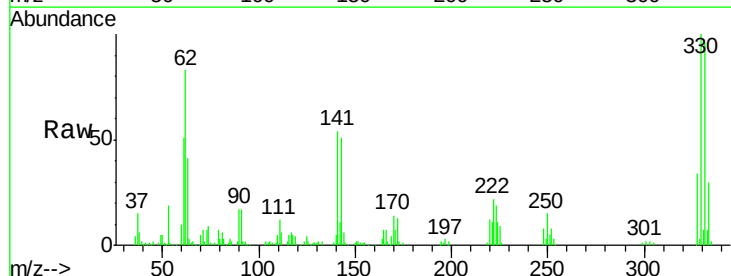


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

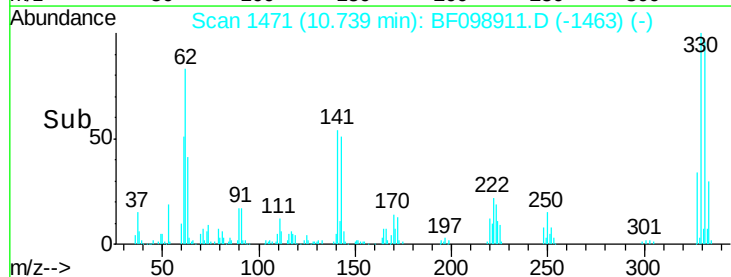
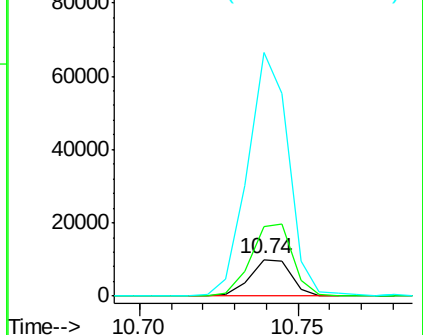


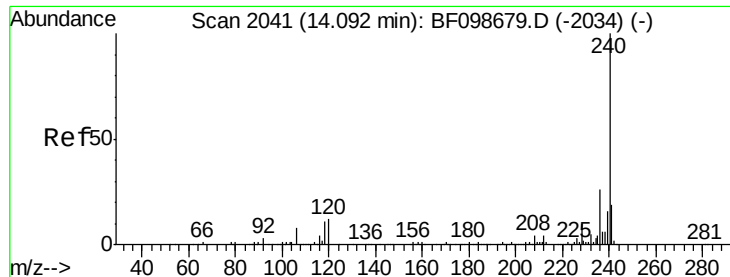
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:248 Resp: 9010
Ion Ratio Lower Upper
248 100
250 189.9 76.9 115.3#
141 670.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

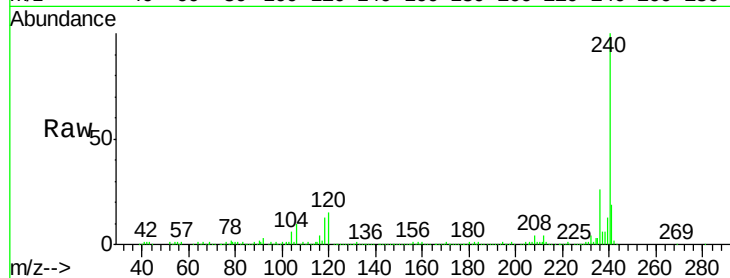
Tot Ion:240 Resp: 272304

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

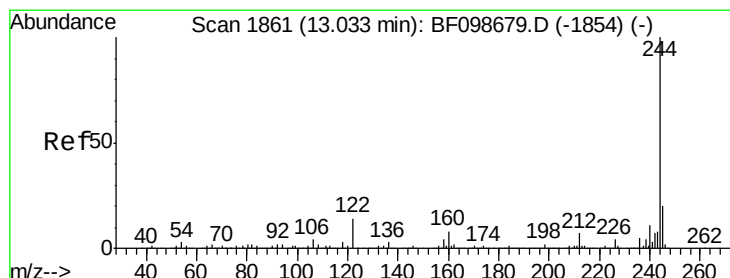
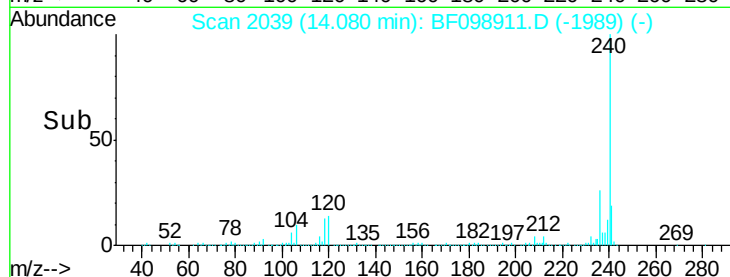
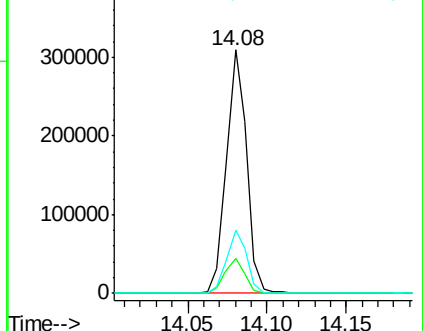
236 25.7 20.7 31.1



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: 78.58 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

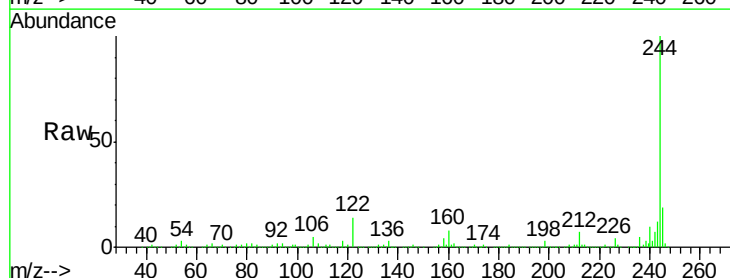
Tgt Ion:244 Resp: 940872

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

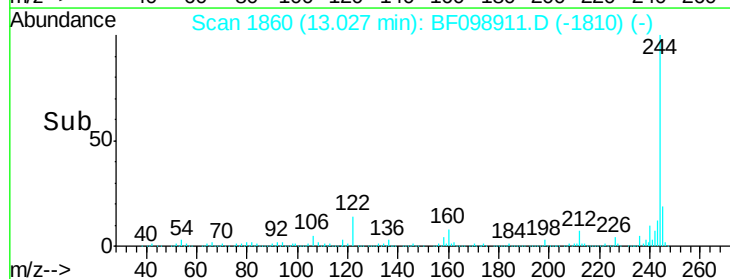
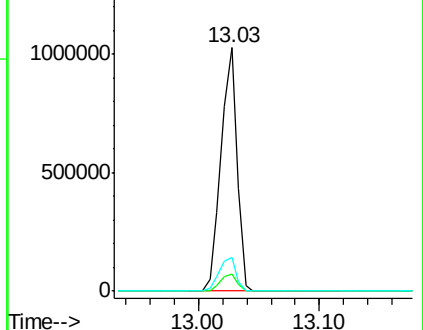
122 13.7 11.0 16.4

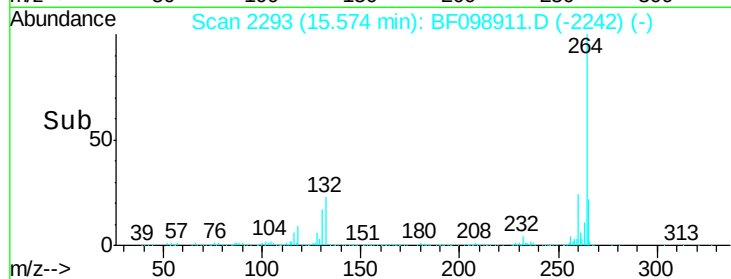
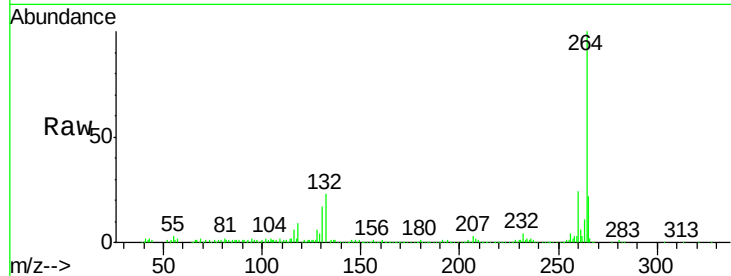
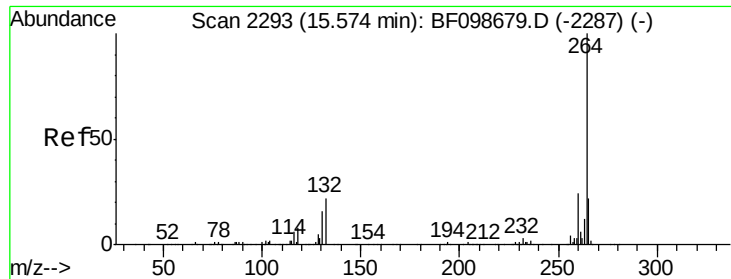


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098911.D

Acq: 28 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 219613

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 17.5 26.3

