

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088069.D
 Acq On : 16 Jun 2016 8:21
 Operator : UM/SJ
 Sample : H3570-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 11:36:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

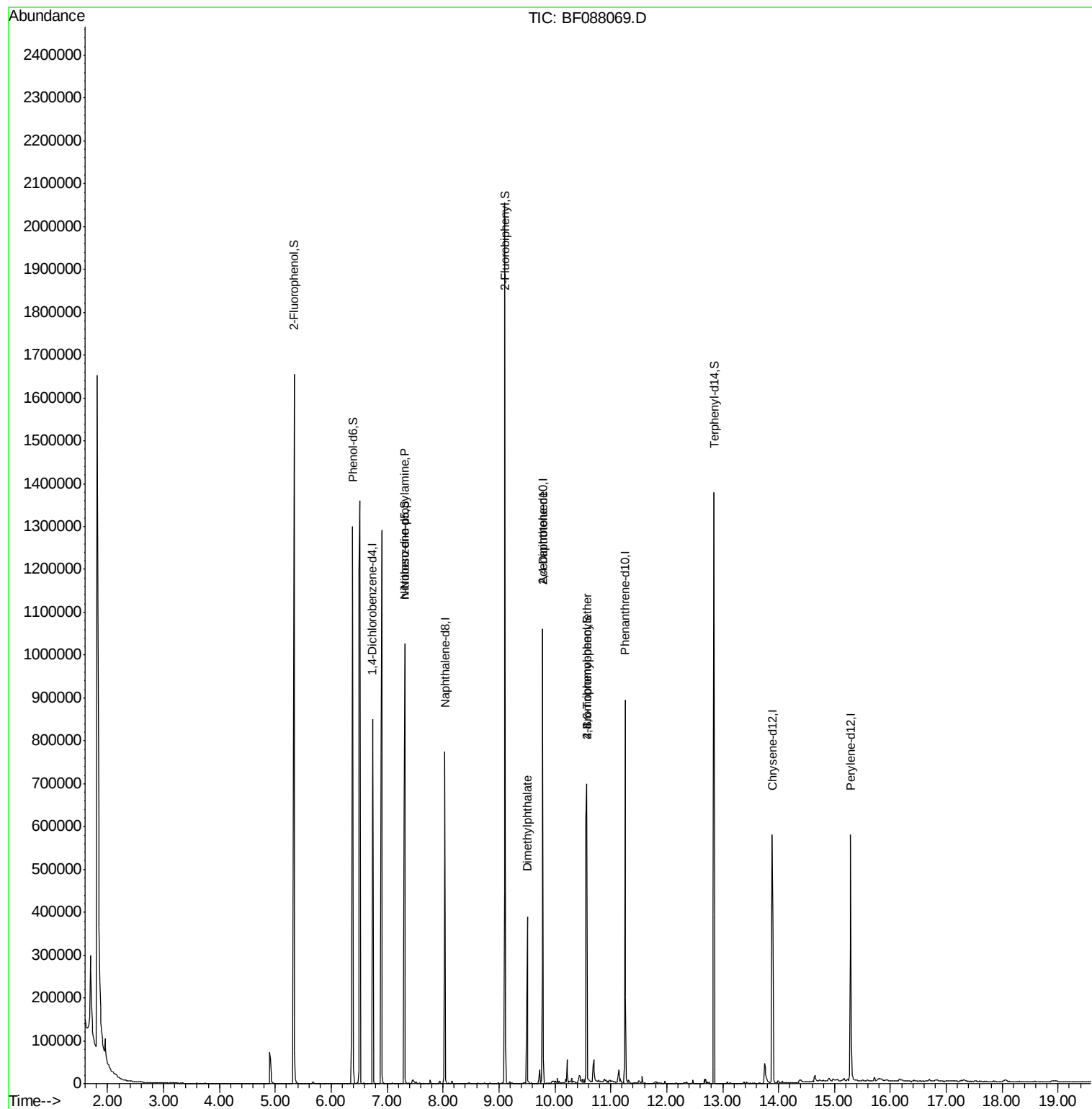
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	125436	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	476529	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	209093	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	314517	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	249085	20.00	ng	-0.07
86) Perylene-d12	15.29	264	257566	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	549765	74.93	ng	-0.05
7) Phenol-d6	6.39	99	709806	79.82	ng	-0.05
23) Nitrobenzene-d5	7.31	82	421173	51.61	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	124796	56.53	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	613068	43.35	ng	-0.06
78) Terphenyl-d14	12.85	244	420600	38.42	ng	-0.06
Target Compounds						
10) Phenol	6.40	94	4918	Below Cal		Qvalue 94
19) n-Nitroso-di-n-propylamine	7.31	70	53319	9.37 ng	#	66
45) 1,1'-Biphenyl	9.11	154	1145	Below Cal	#	1
49) Dimethylphthalate	9.51	163	198298	13.09 ng		99
56) 2,4-Dinitrotoluene	9.78	165	26816	6.02 ng	#	38
57) Fluorene	10.56	166	5994	Below Cal	#	93
66) 4-Bromophenyl-phenylether	10.57	248	7787	2.31 ng	#	1

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

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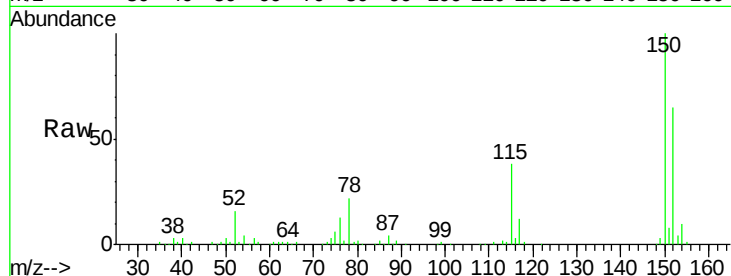


#1

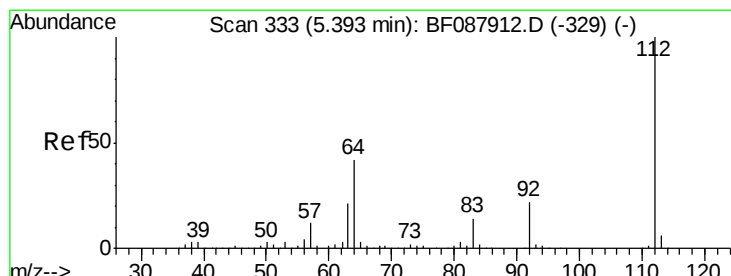
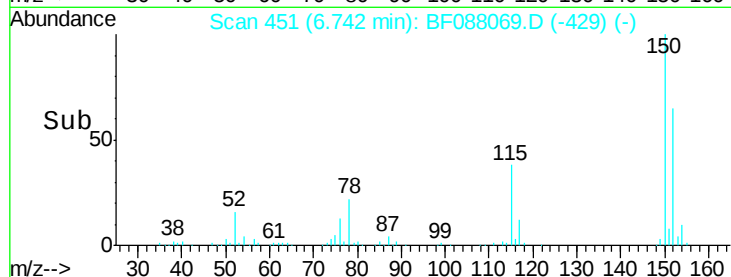
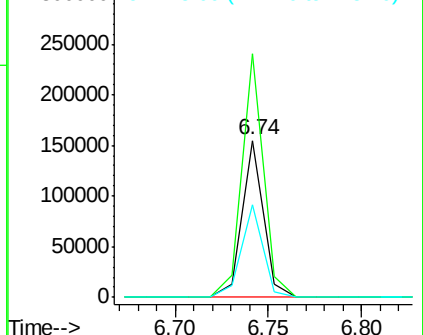
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	58.8	39.6	59.4



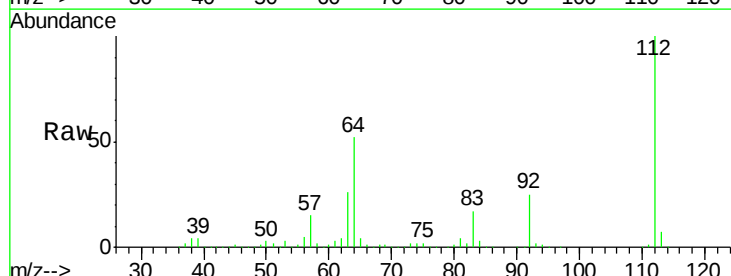
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



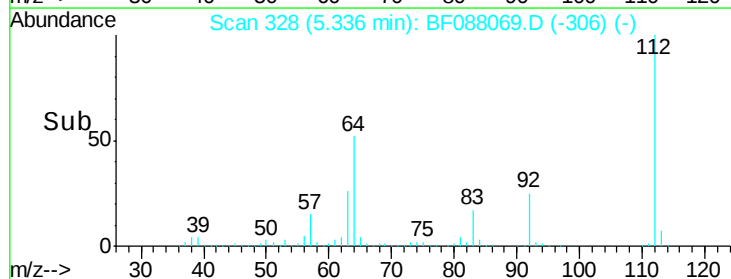
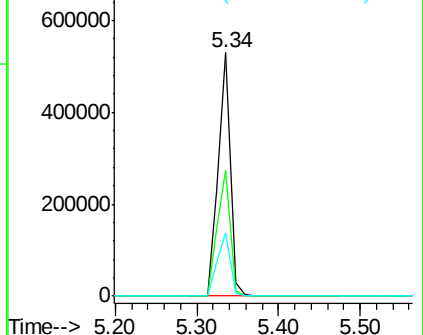
#5

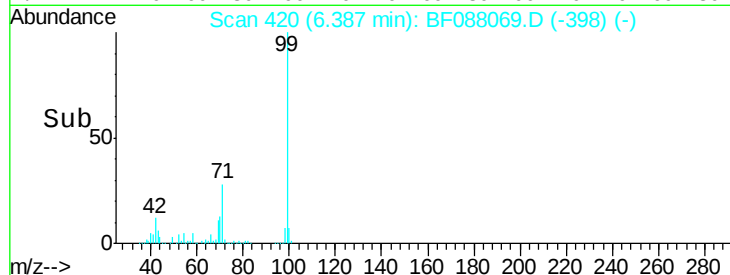
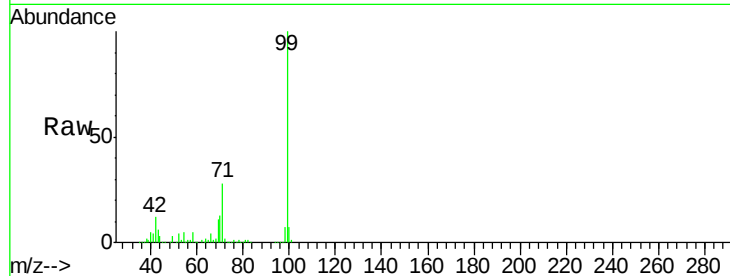
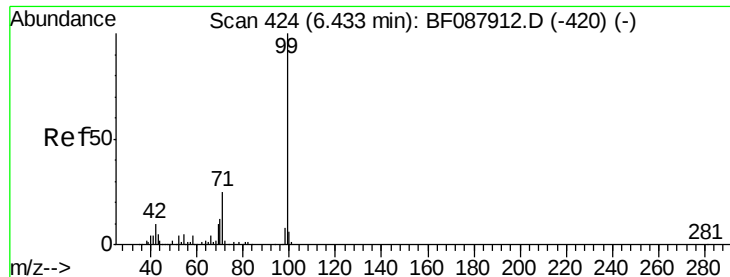
2-Fluorophenol
Concen: 74.93 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.2	63.2
63	26.1	21.8	32.8



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: 79.82 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF088069.D

Acq: 16 Jun 2016 8:21

Instrument :

BNA_F

ClientSampleId :

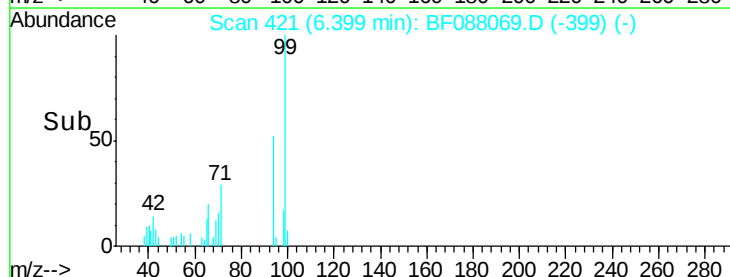
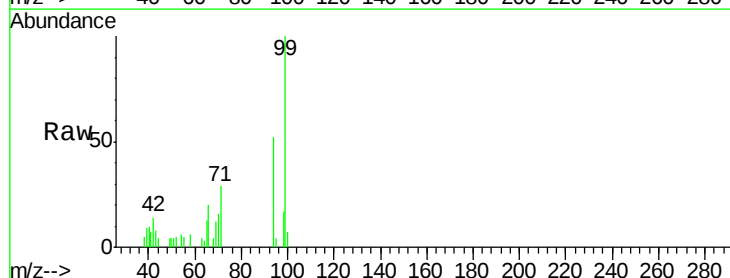
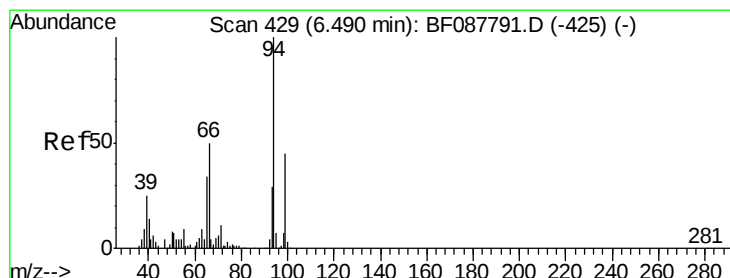
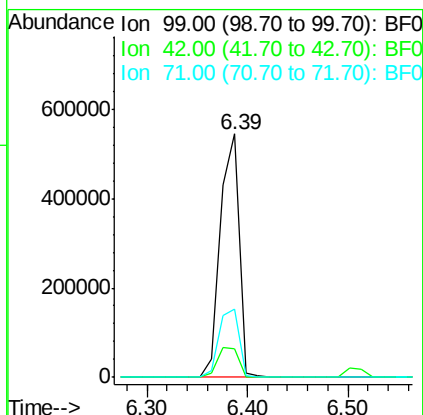
Tot Ion: 99 Resp: 709806

Ion Ratio Lower Upper

99 100

42 11.8 12.2 18.2#

71 28.2 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.40 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF088069.D

Acq: 16 Jun 2016 8:21

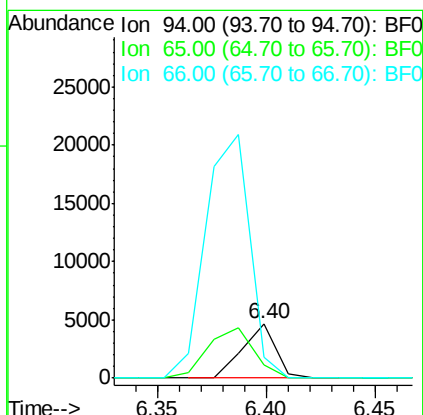
Tgt Ion: 94 Resp: 4918

Ion Ratio Lower Upper

94 100

65 24.7 5.9 45.9

66 38.8 14.0 54.0





#19

n-Nitroso-di-n-propylamine

Concen: 9.37 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.09 min

Lab File: BF088069.D

Acq: 16 Jun 2016 8:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 53319

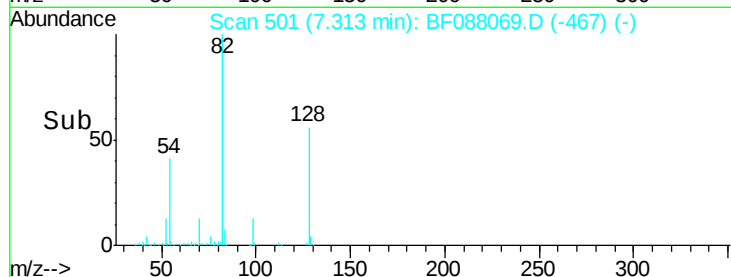
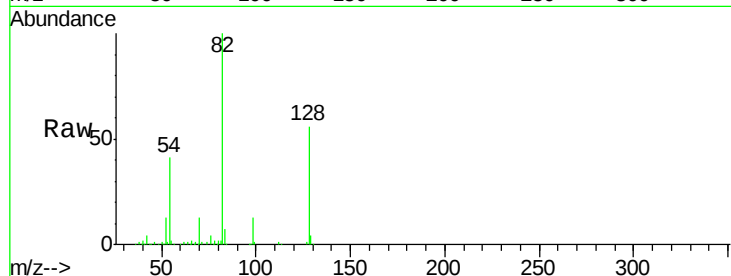
Ion Ratio Lower Upper

70 100

42 35.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.9 15.4 23.2#

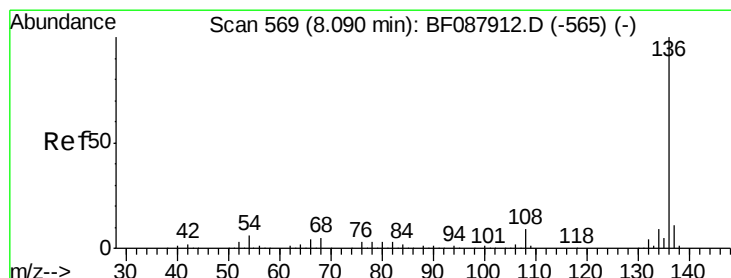
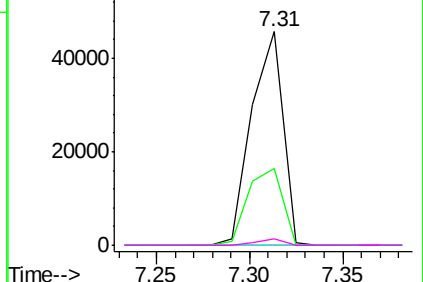


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.03 min Scan# 564

Delta R.T. -0.05 min

Lab File: BF088069.D

Acq: 16 Jun 2016 8:21

Tgt Ion: 136 Resp: 476529

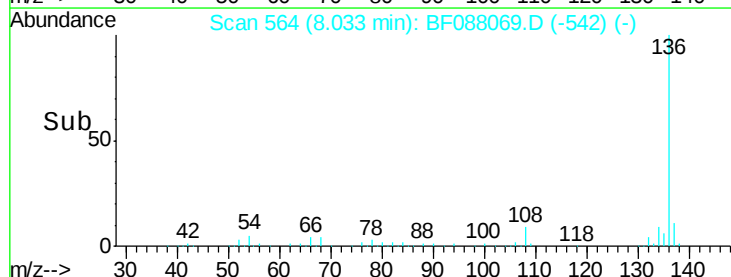
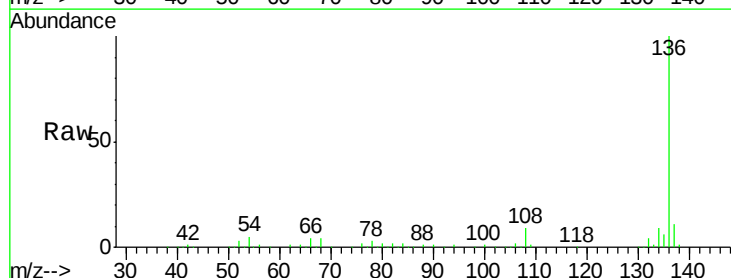
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.0 6.6 10.0#

68 4.4 5.1 7.7#

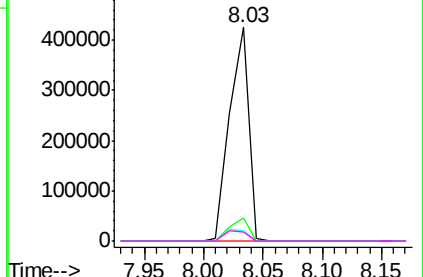


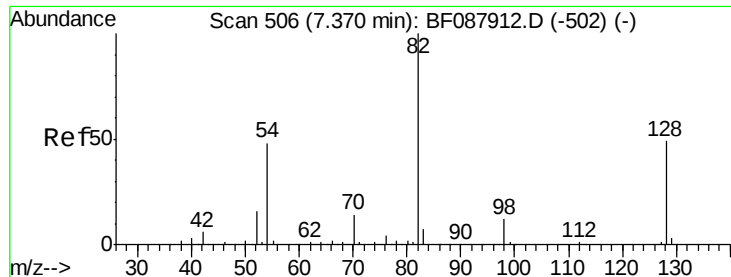
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

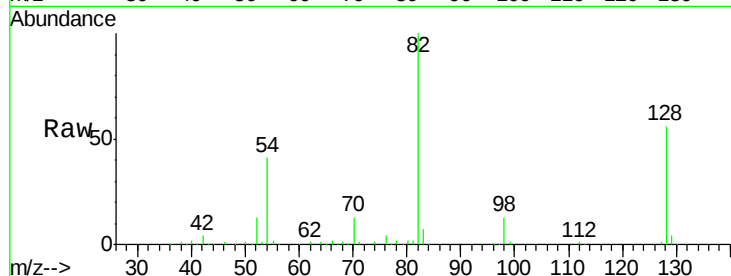




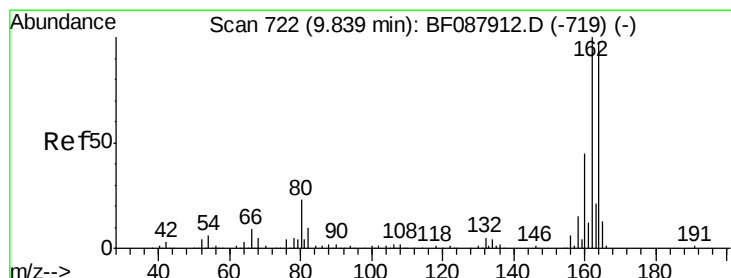
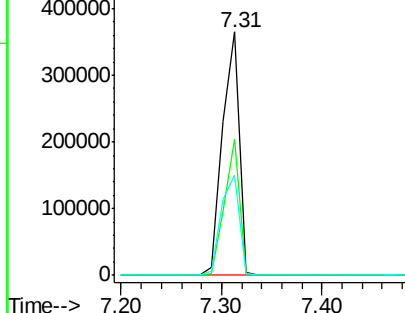
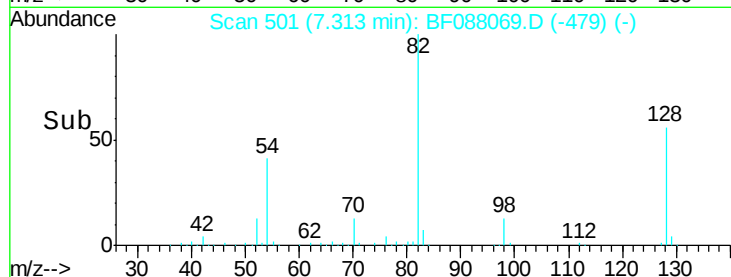
#23
Nitrobenzene-d5
Concen: 51.61 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 421173
Ion Ratio Lower Upper
82 100
128 55.9 35.9 53.9#
54 41.0 40.9 61.3

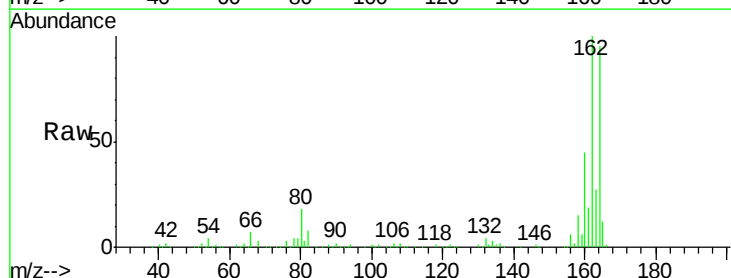


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

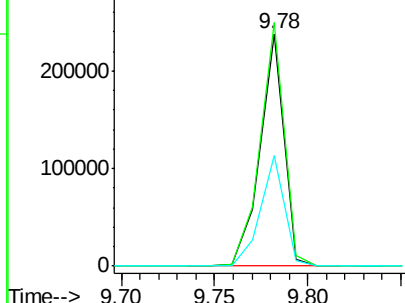
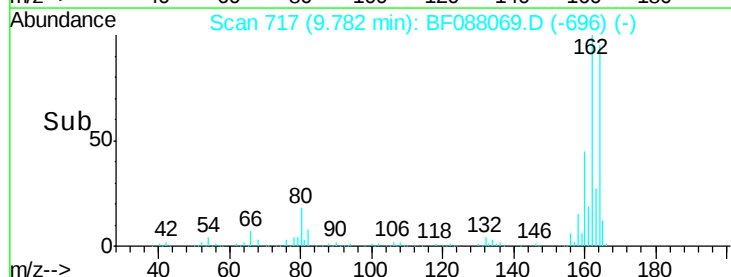


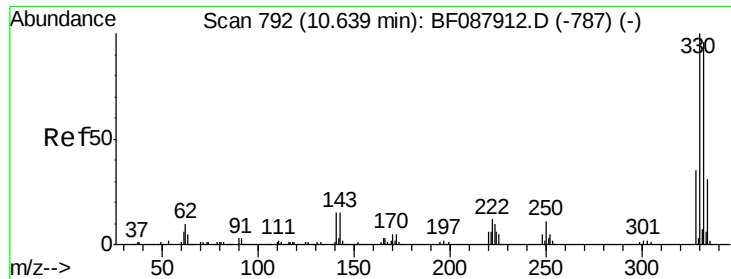
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Tgt Ion:164 Resp: 209093
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 47.6 39.5 59.3



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

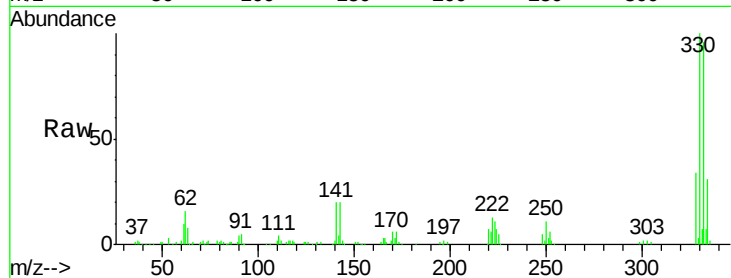




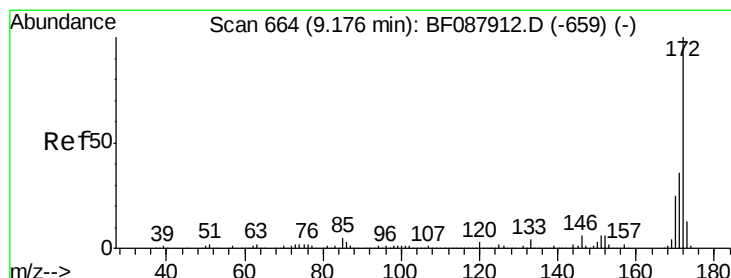
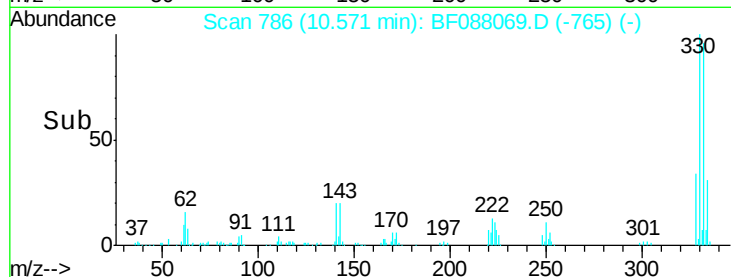
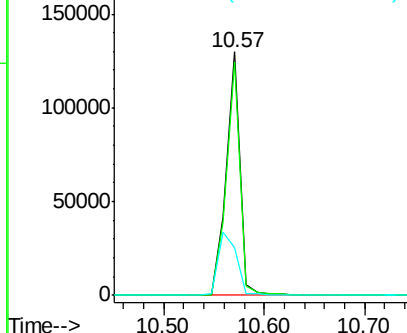
#41
 2,4,6-Tribromophenol
 Concen: 56.53 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	34.7	0.0	0.0#

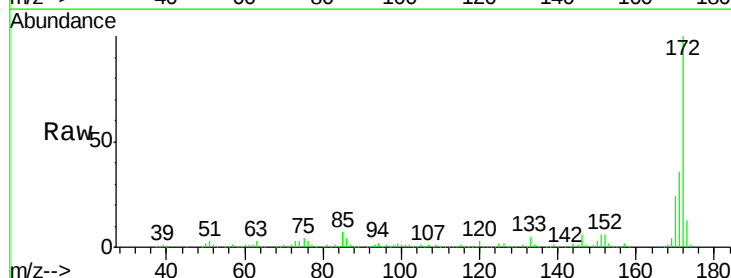


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

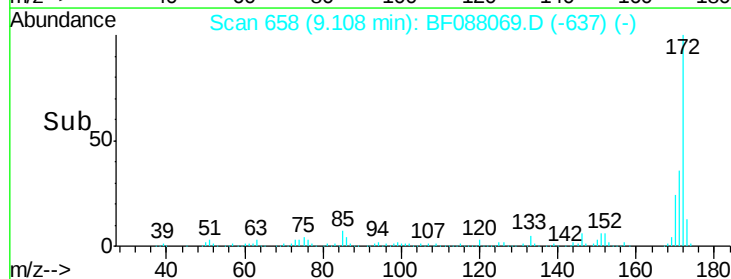
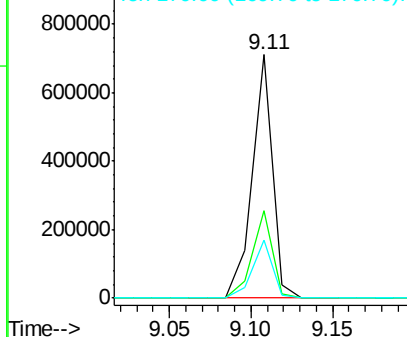


#44
 2-Fluorobiphenyl
 Concen: 43.35 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.06 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8



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

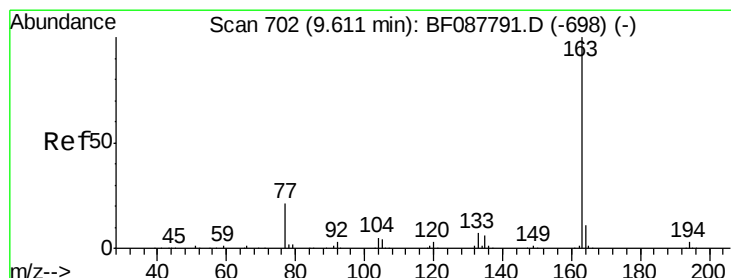
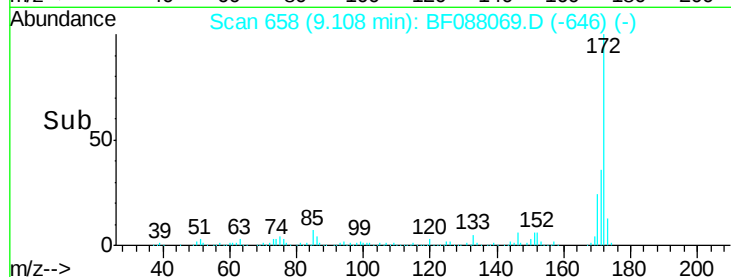
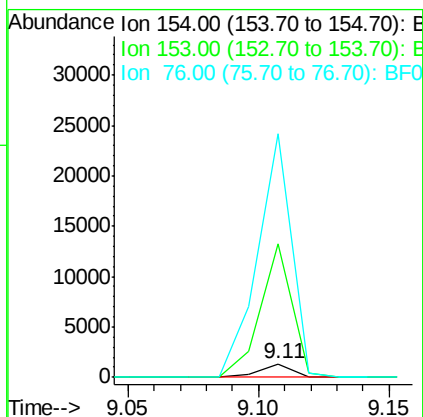
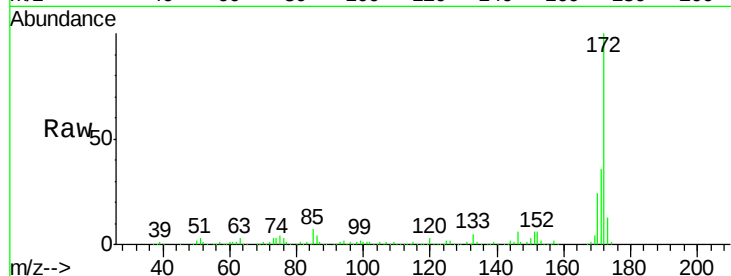




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.11 min Scan# 658
 Delta R.T. -0.16 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

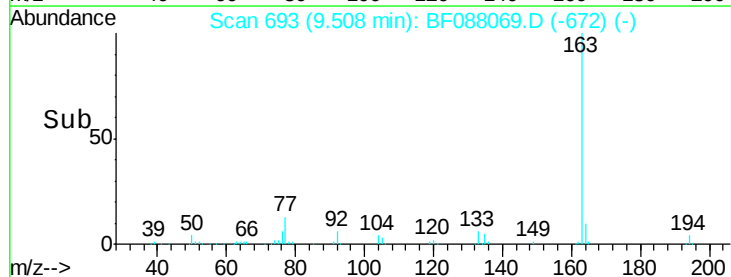
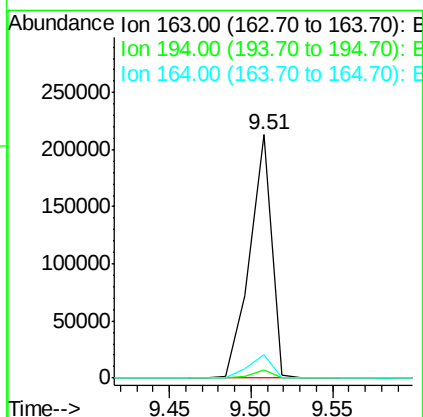
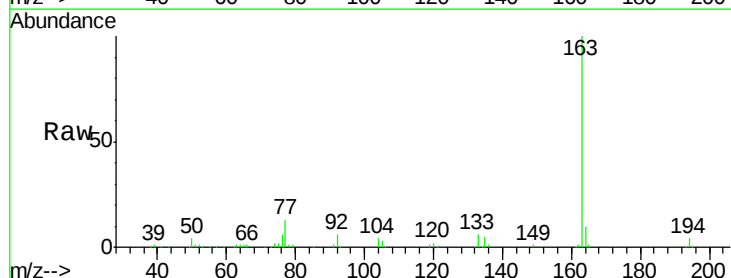
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1145
 Ion Ratio Lower Upper
 154 100
 153 971.6 20.6 60.6#
 76 1779.7 0.0 35.1#



#49
 Dimethylphthalate
 Concen: 13.09 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.06 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

Tgt Ion:163 Resp: 198298
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.7 8.3 12.5

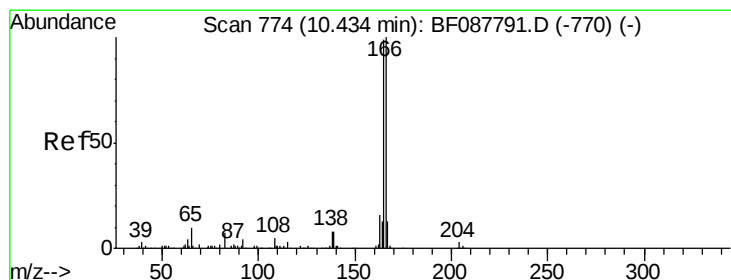
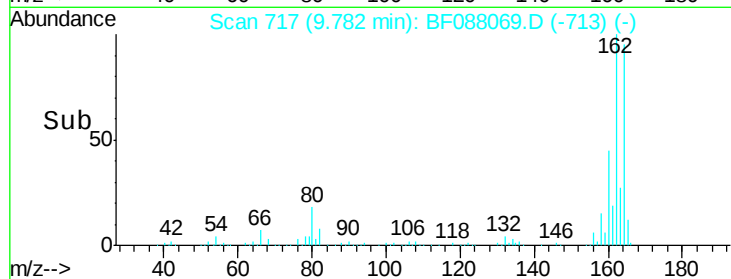
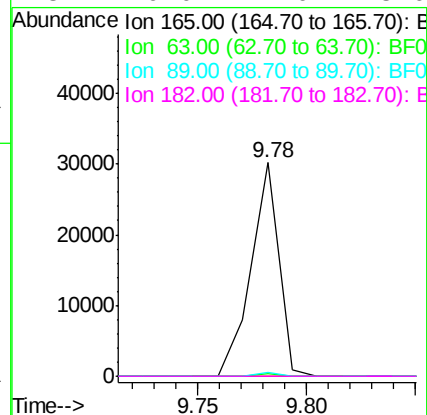
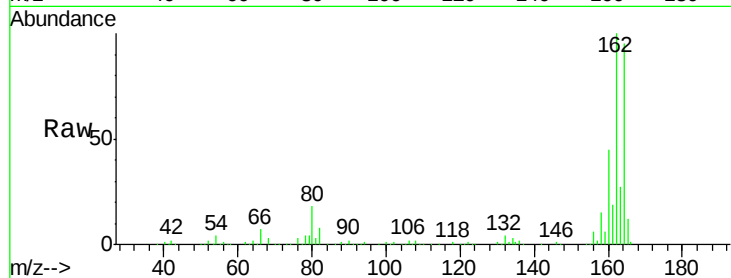




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.25 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

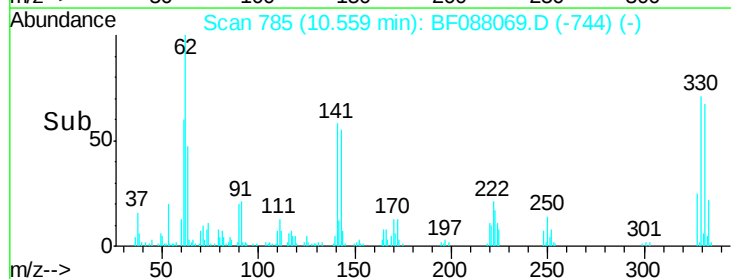
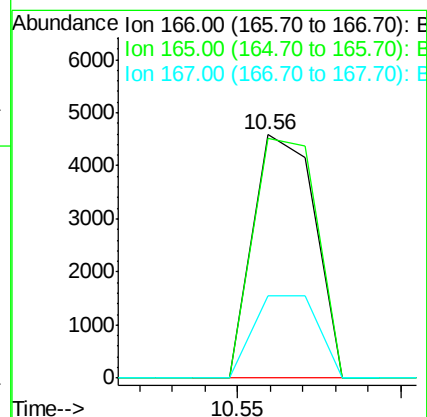
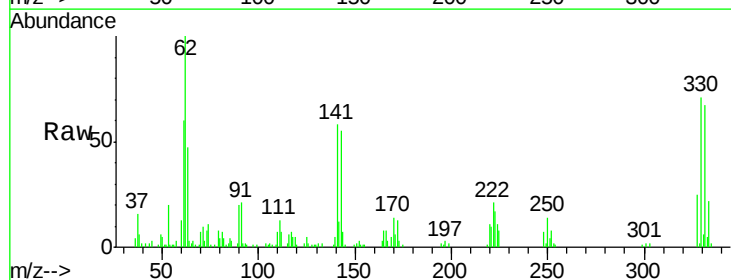
Instrument :
BNA_F
ClientSampleId :

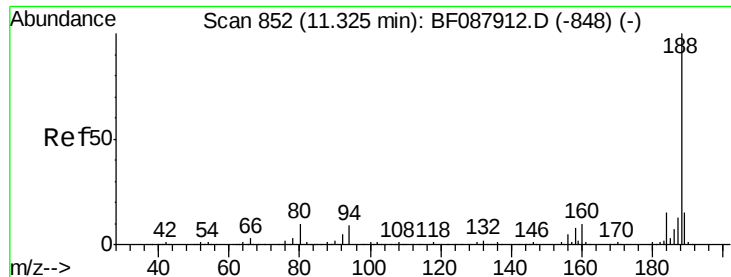
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.56 min Scan# 785
Delta R.T. 0.17 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	33.6	11.2	16.8#

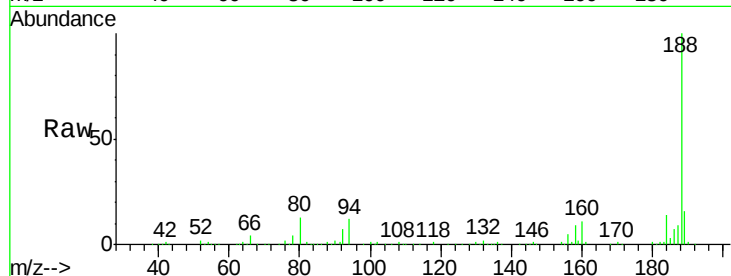




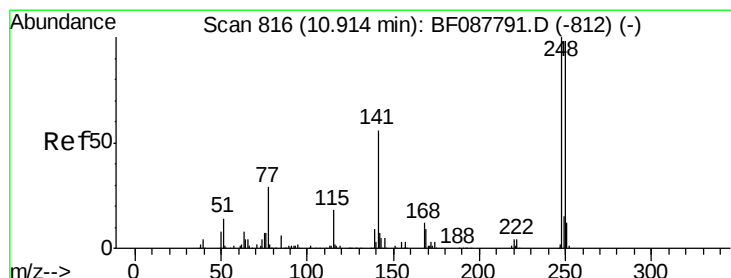
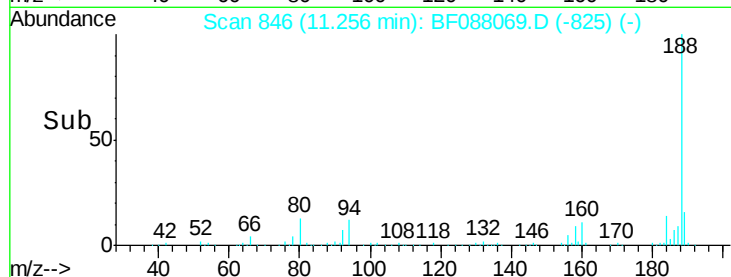
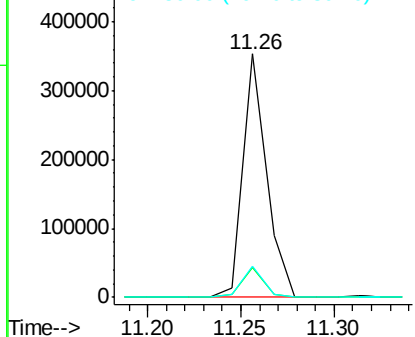
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.06 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 314517
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 12.6 10.0 15.0

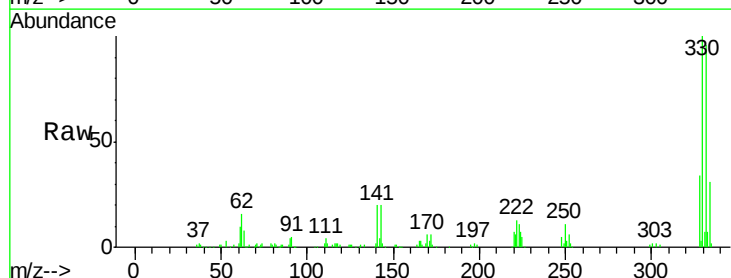


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

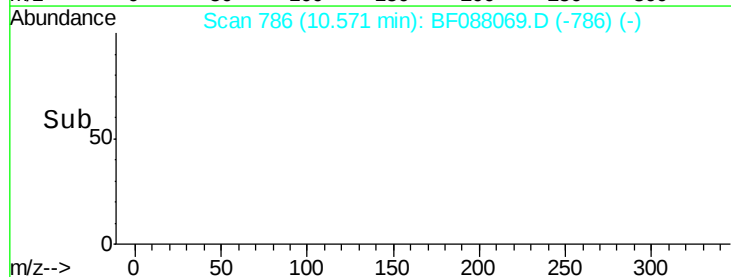
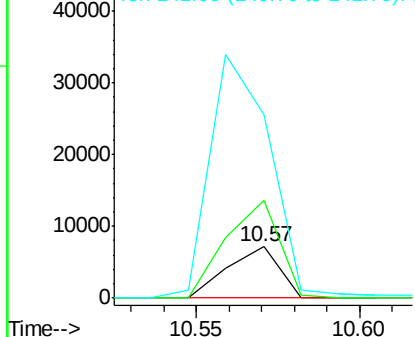


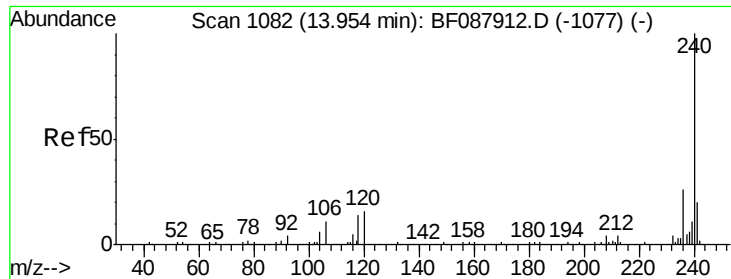
#66
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.30 min
Lab File: BF088069.D
Acq: 16 Jun 2016 8:21

Tgt Ion:248 Resp: 7787
Ion Ratio Lower Upper
248 100
250 191.8 77.1 115.7#
141 358.2 50.6 76.0#



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

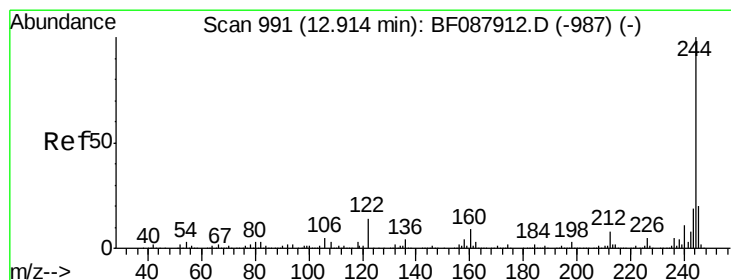
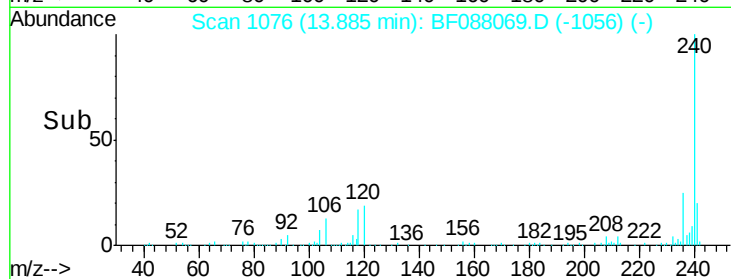
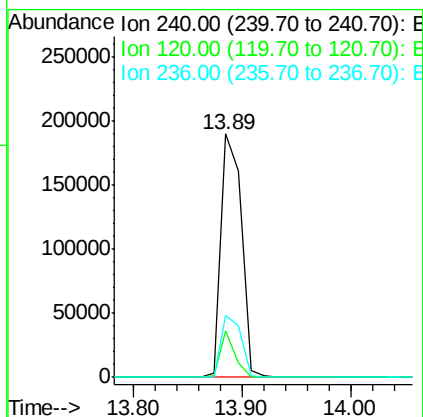
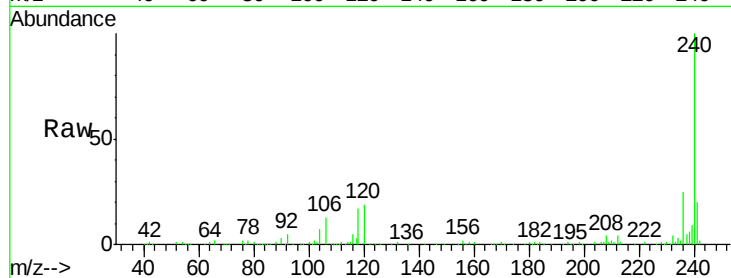




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.07 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

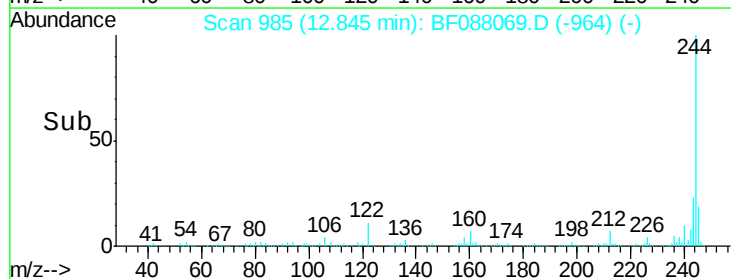
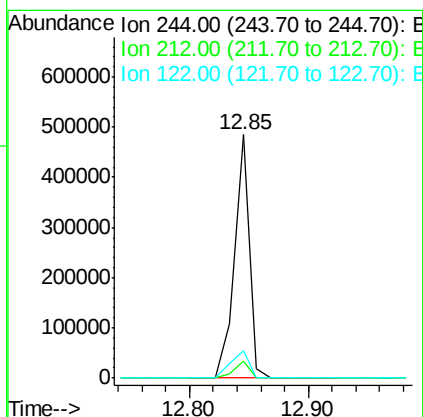
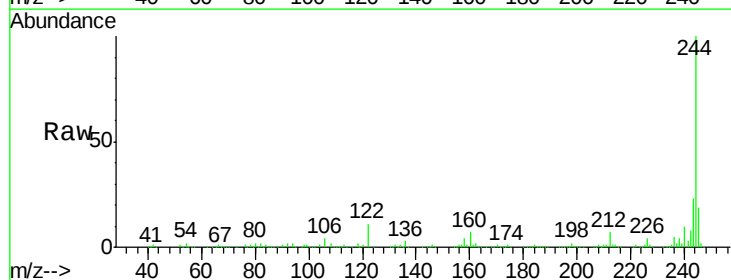
Instrument :
 BNA_F
 ClientSampleId :

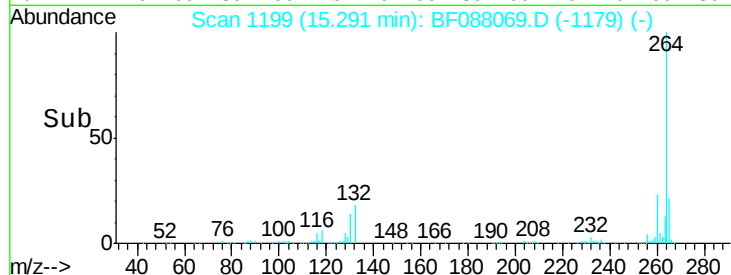
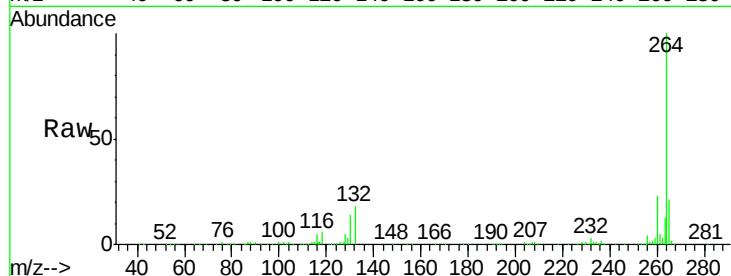
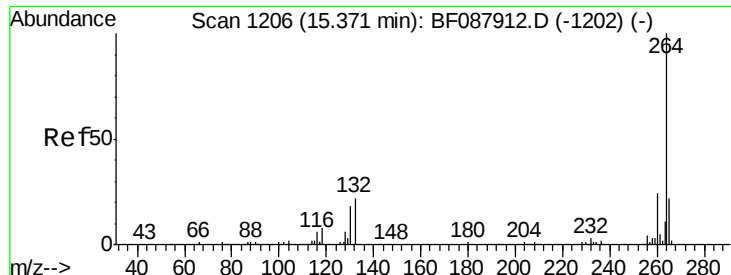
Tot Ion:240 Resp: 249085
 Ion Ratio Lower Upper
 240 100
 120 19.3 6.8 10.2#
 236 25.5 20.2 30.2



#78
 Terphenyl-d14
 Concen: 38.42 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

Tgt Ion:244 Resp: 420600
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.4 11.2 16.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.07 min
 Lab File: BF088069.D
 Acq: 16 Jun 2016 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	257566
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.2 28.8
265	21.2	16.9 25.3

