

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
 Data File : BF090061.D
 Acq On : 12 Sep 2016 14:10
 Operator : UM/SJ
 Sample : PB93335BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 15:56:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 12 15:34:24 2016
 Response via : Initial Calibration

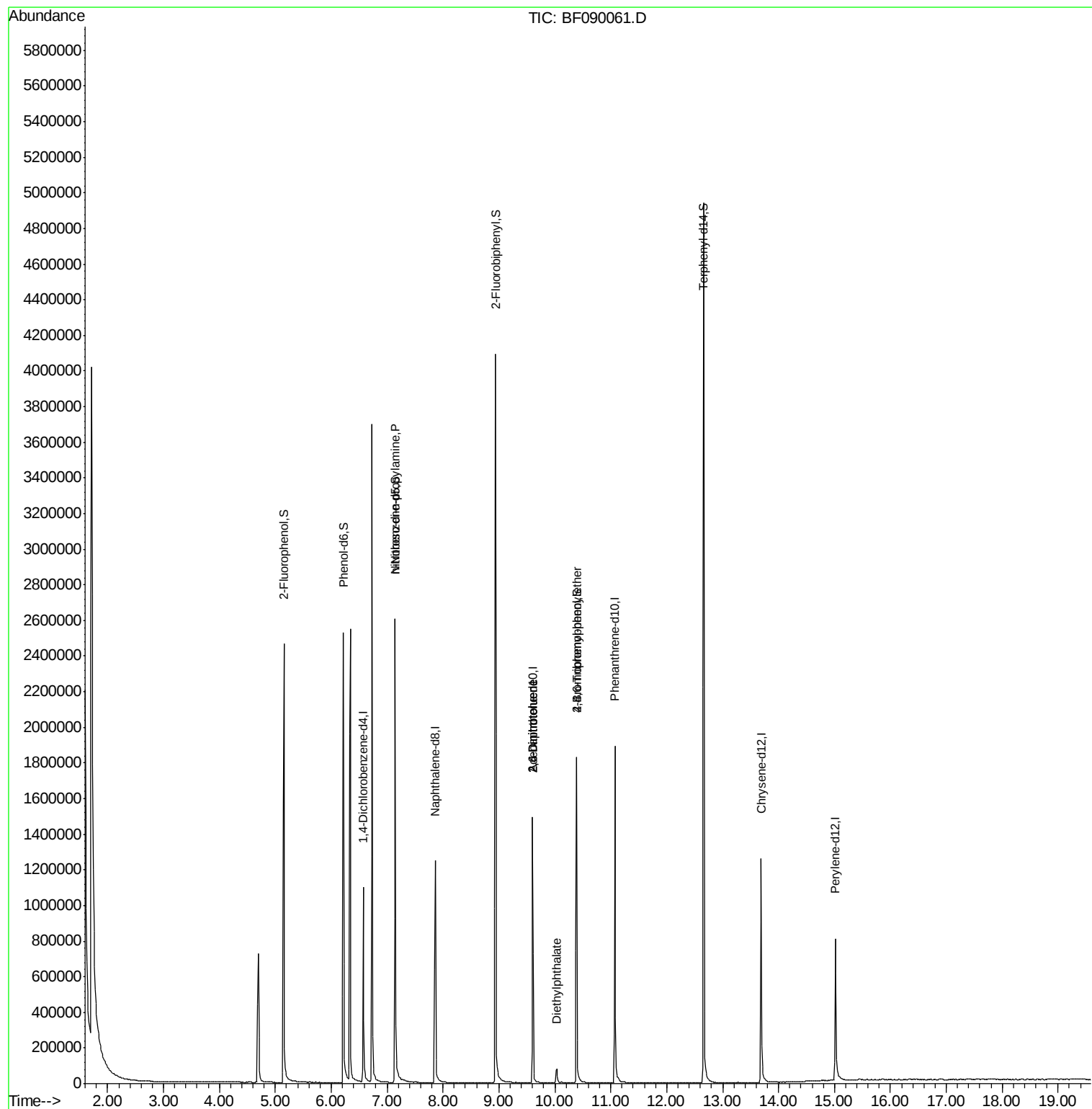
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	194767	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	801843	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	392656	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	830951	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	700294	20.00	ng	0.00
86) Perylene-d12	15.02	264	467231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	955237	78.50	ng	0.01
7) Phenol-d6	6.22	99	1013722	68.56	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1004157	72.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	274967	70.98	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1872301	78.27	ng	-0.01
78) Terphenyl-d14	12.66	244	1916426	67.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	131955	13.70	ng	# 81
50) 2,6-Dinitrotoluene	9.60	165	48338	7.66	ng	# 26
56) 2,4-Dinitrotoluene	9.60	165	48333	6.04	ng	# 29
59) Diethylphthalate	10.03	149	76452	2.86	ng	97
66) 4-Bromophenyl-phenylether	10.39	248	18379	2.20	ng	# 1

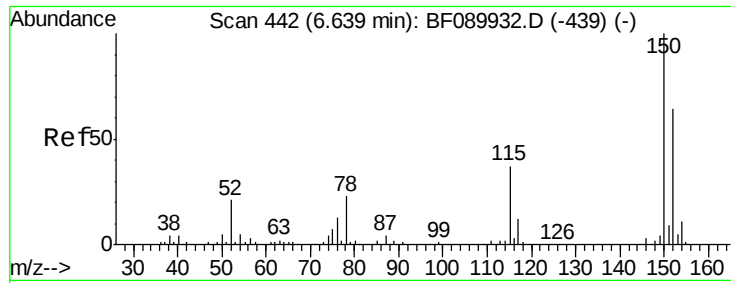
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
Data File : BF090061.D
Acq On : 12 Sep 2016 14:10
Operator : UM/SJ
Sample : PB93335BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 12 15:56:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration



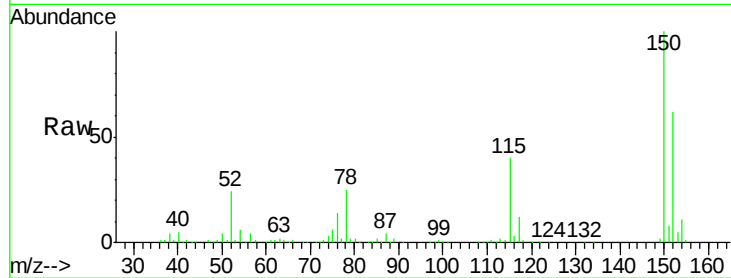


#1

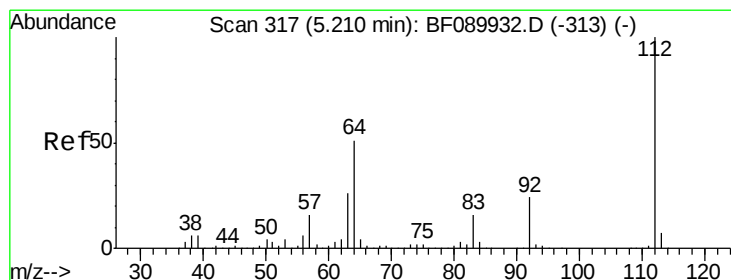
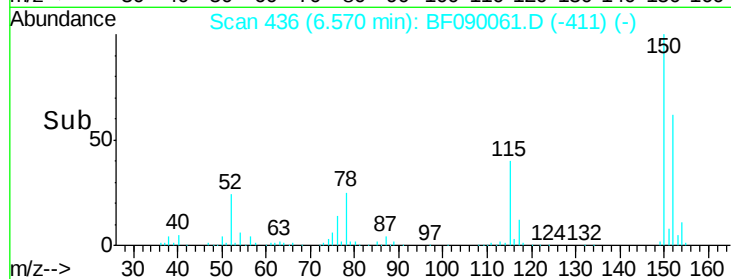
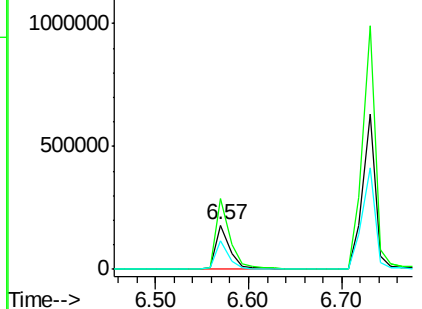
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF090061.D
 Acq: 12 Sep 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	127.4	191.2
115	63.9	46.3	69.5



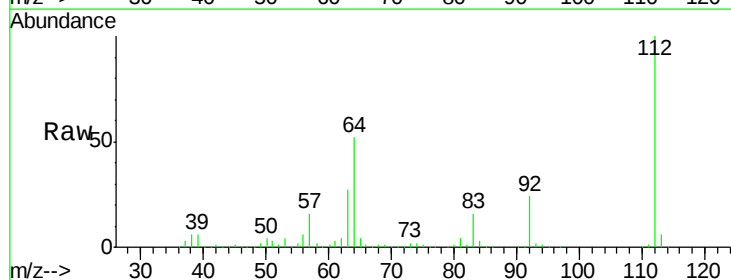
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



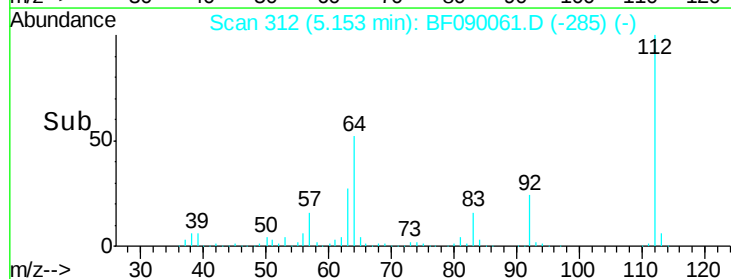
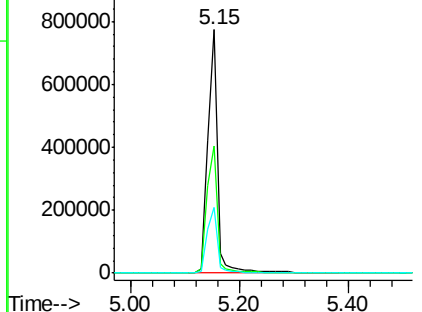
#5

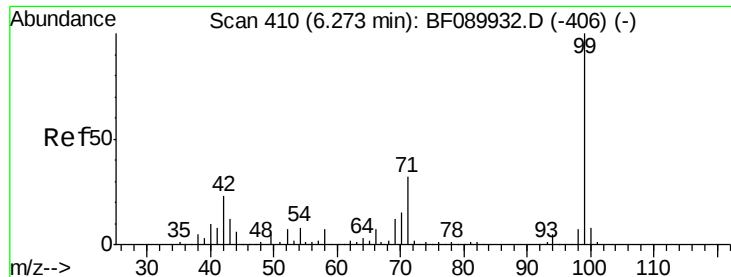
2-Fluorophenol
 Concen: 78.50 ng
 RT: 5.15 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF090061.D
 Acq: 12 Sep 2016 14:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.1	61.7
63	27.0	21.2	31.8



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: 68.56 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Instrument :

BNA_F

ClientSampleId :

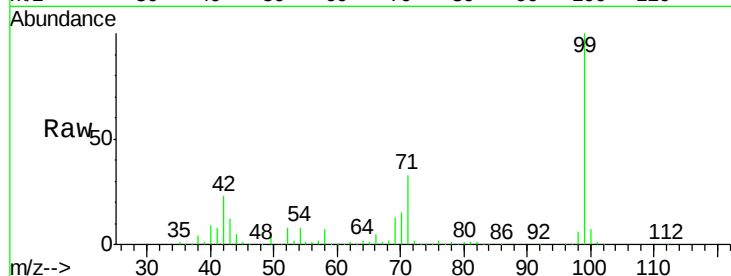
Tot Ion: 99 Resp: 1013722

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

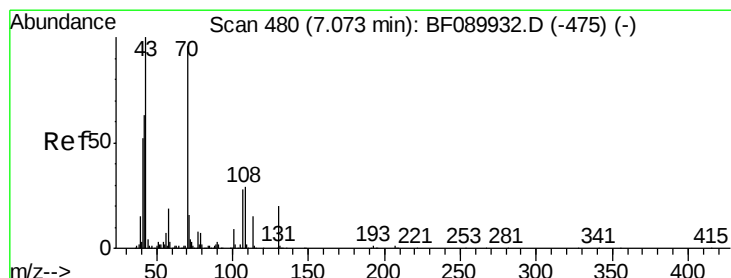
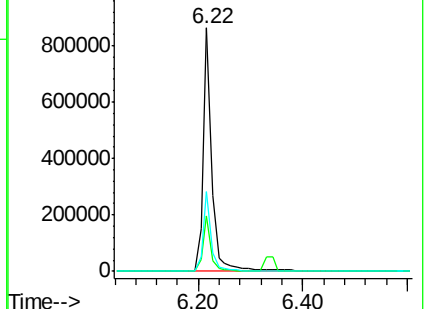
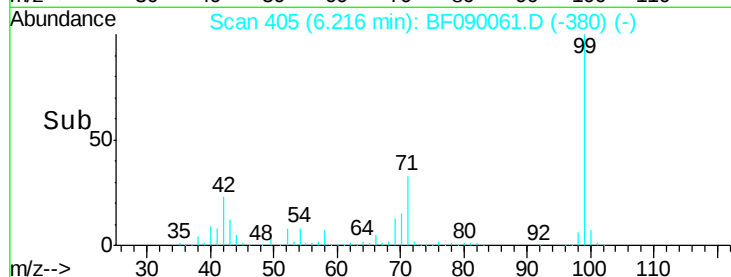
71 32.6 25.8 38.6



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: 13.70 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.13 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Tgt Ion: 70 Resp: 131955

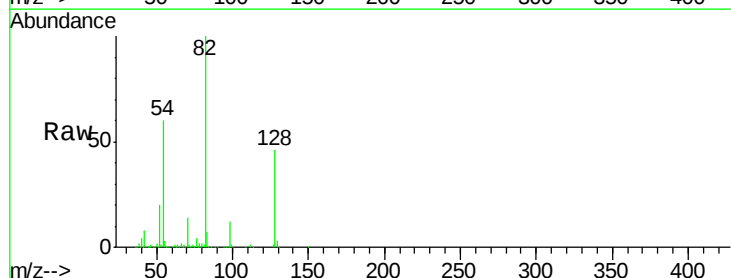
Ion Ratio Lower Upper

70 100

42 56.7 52.1 78.1

101 0.0 7.4 11.2#

130 2.2 17.0 25.4#

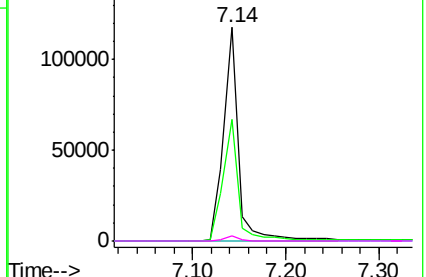
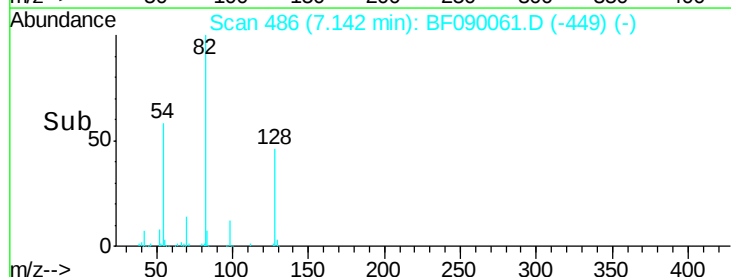


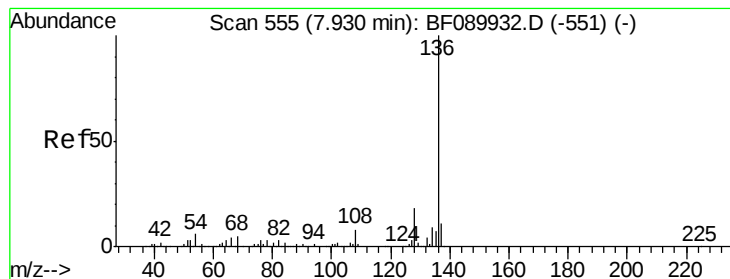
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 801843

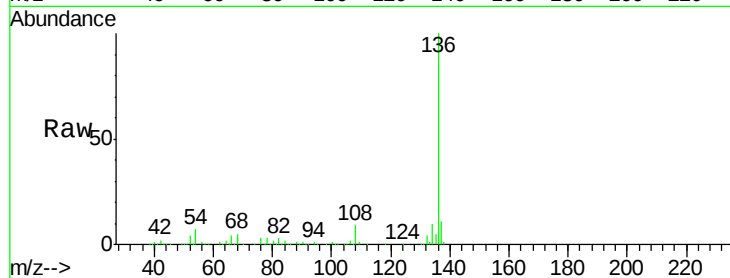
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 7.1 4.8 7.2

68 4.9 3.7 5.5

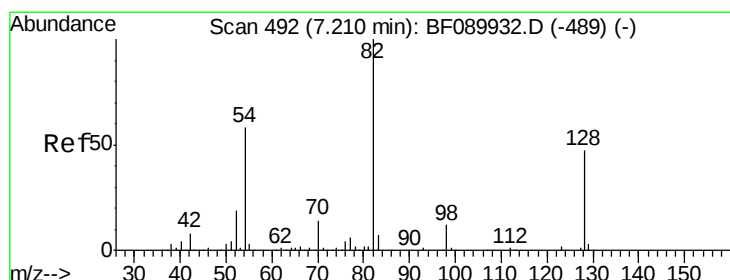
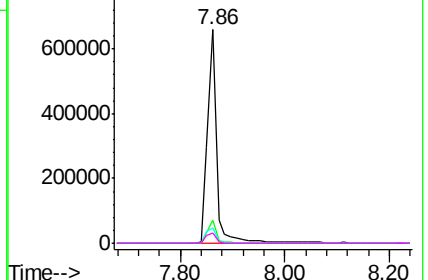
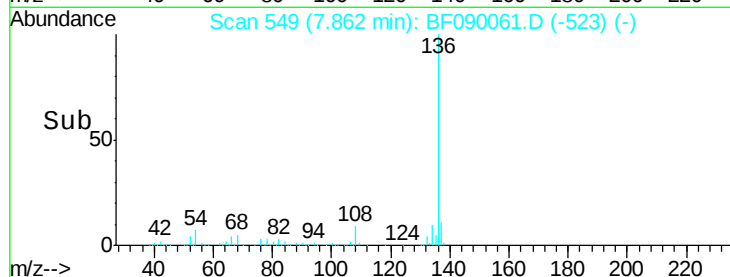


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.63 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

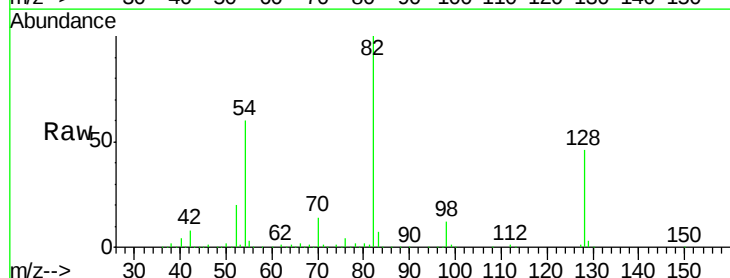
Tgt Ion: 82 Resp: 1004157

Ion Ratio Lower Upper

82 100

128 45.9 37.8 56.8

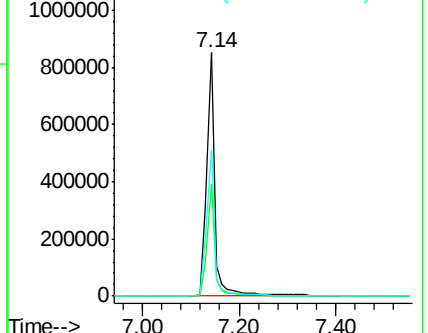
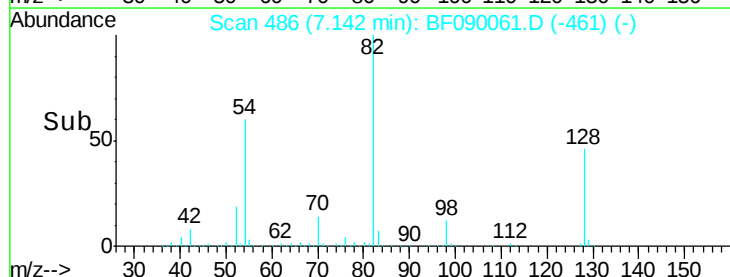
54 60.4 46.9 70.3

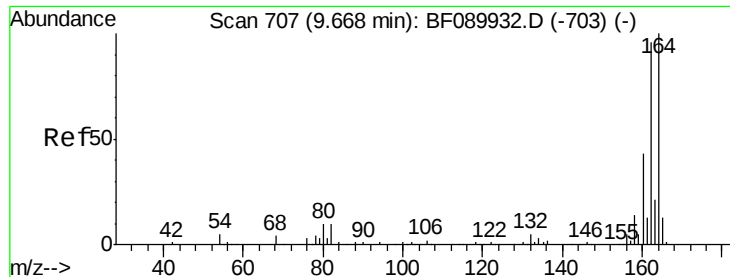


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

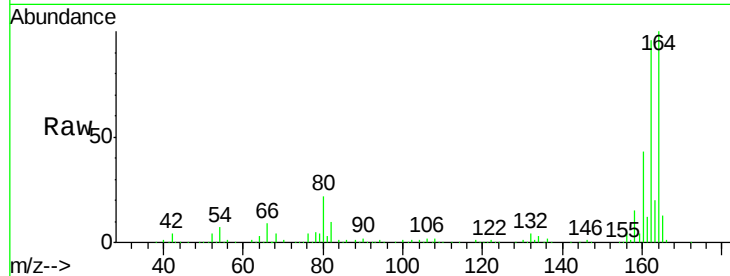




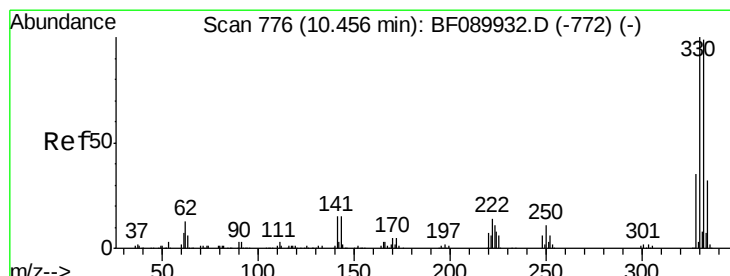
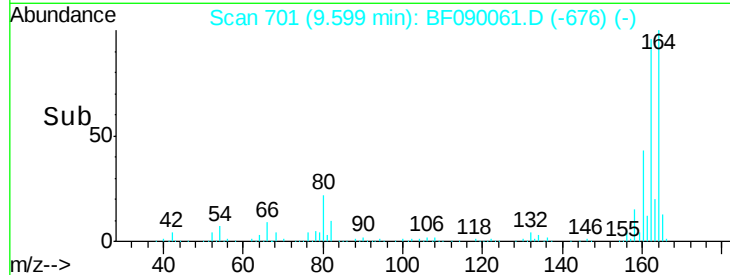
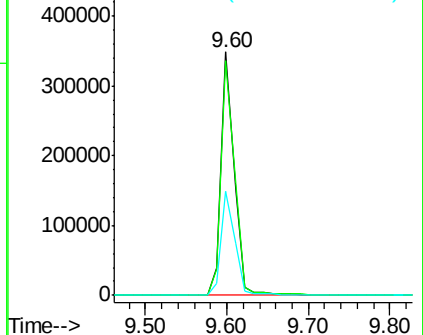
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF090061.D
 Acq: 12 Sep 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 392656
 Ion Ratio Lower Upper
 164 100
 162 96.3 77.1 115.7
 160 42.9 35.3 52.9

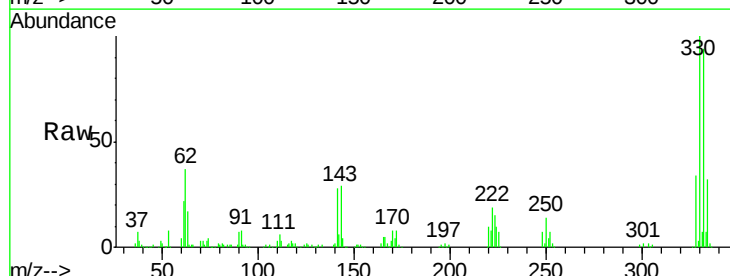


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

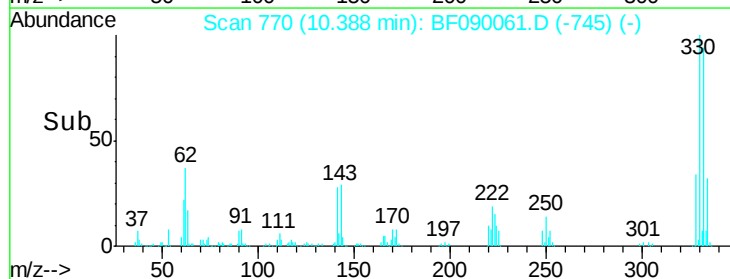
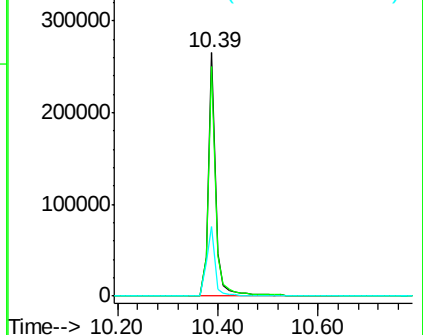


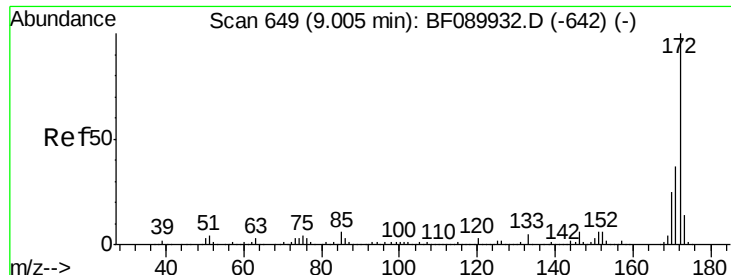
#41
 2,4,6-Tribromophenol
 Concen: 70.98 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF090061.D
 Acq: 12 Sep 2016 14:10

Tgt Ion:330 Resp: 274967
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.6 117.8
 141 33.0 23.3 34.9



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

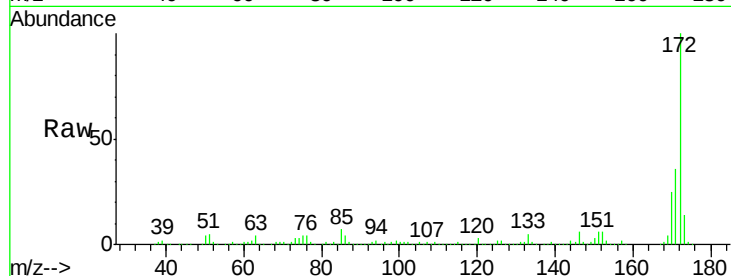




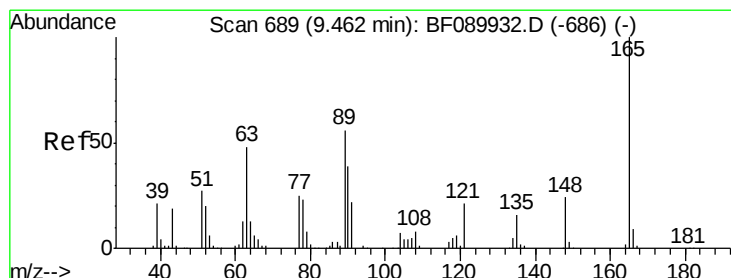
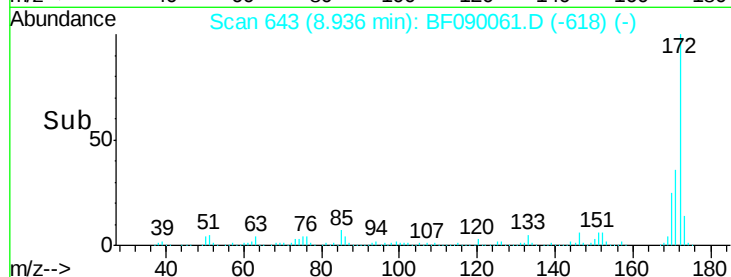
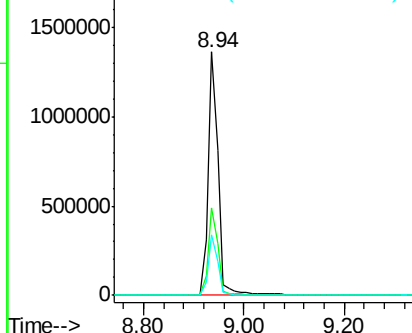
#44
2-Fluorobiphenyl
Concen: 78.27 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF090061.D
Acq: 12 Sep 2016 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1872301
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 24.7 20.1 30.1

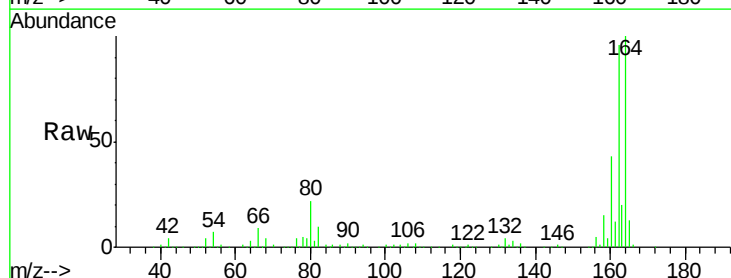


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

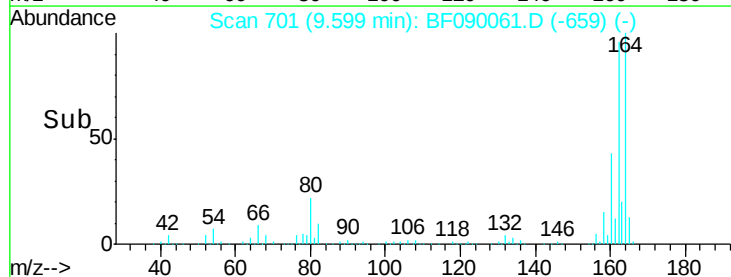
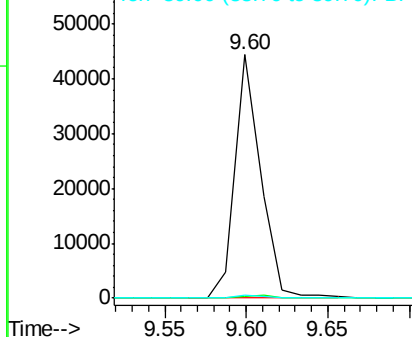


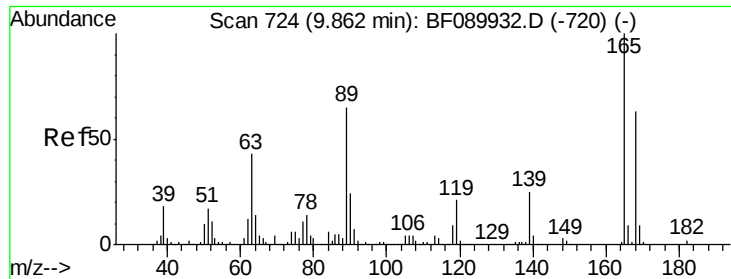
#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.18 min
Lab File: BF090061.D
Acq: 12 Sep 2016 14:10

Tgt Ion:165 Resp: 48338
Ion Ratio Lower Upper
165 100
63 0.8 45.0 67.4#
89 1.5 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.04 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.22 min

Lab File: BF090061.D

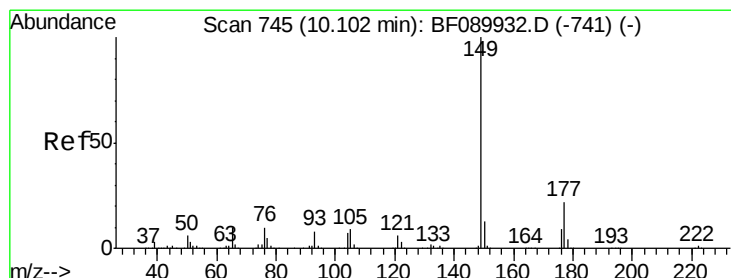
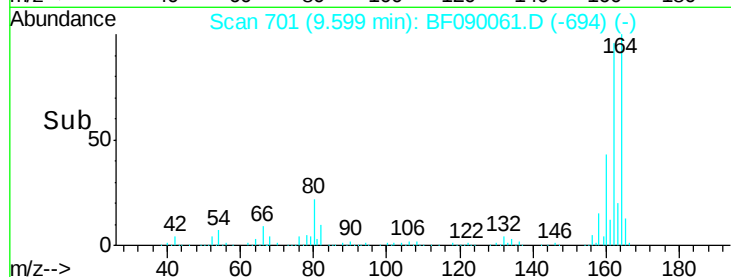
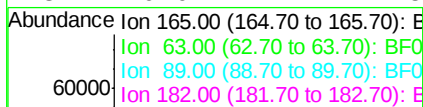
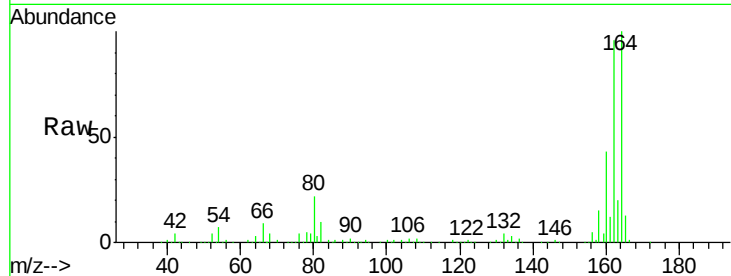
Acq: 12 Sep 2016 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	48333
Ion Ratio	Lower	Upper
165	100	
63	0.8	32.5 48.7#
89	1.5	48.3 72.5#
182	0.0	1.7 2.5#



#59

Diethylphthalate

Concen: 2.86 ng

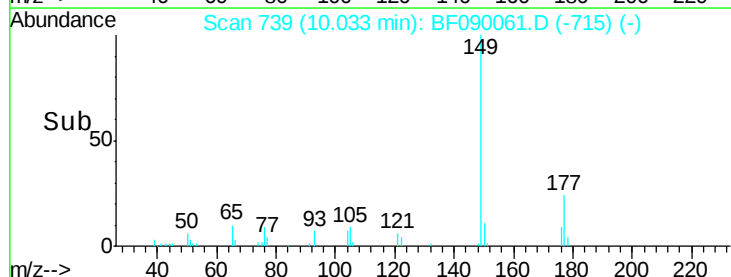
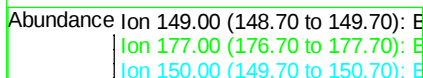
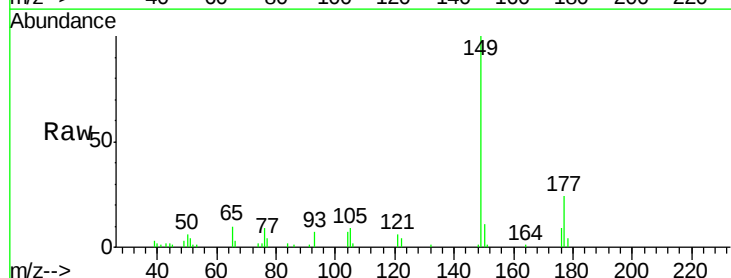
RT: 10.03 min Scan# 739

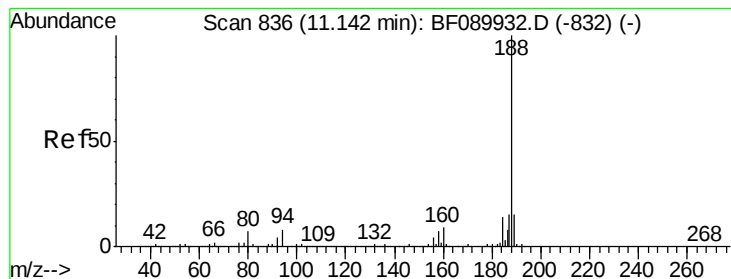
Delta R.T. -0.02 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Tgt Ion:149	Resp:	76452
Ion Ratio	Lower	Upper
149	100	
177	23.7	17.7 26.5
150	11.4	10.2 15.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Instrument :

BNA_F

ClientSampleId :

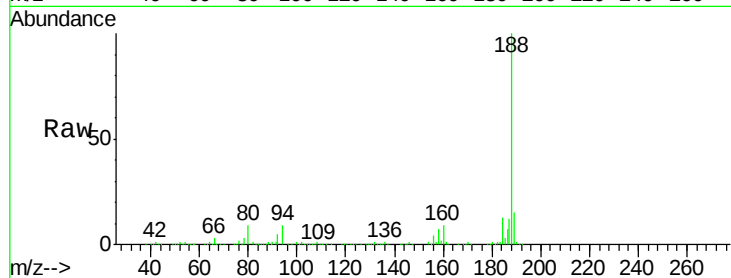
Tot Ion:188 Resp: 830951

Ion Ratio Lower Upper

188 100

94 9.2 5.9 8.9#

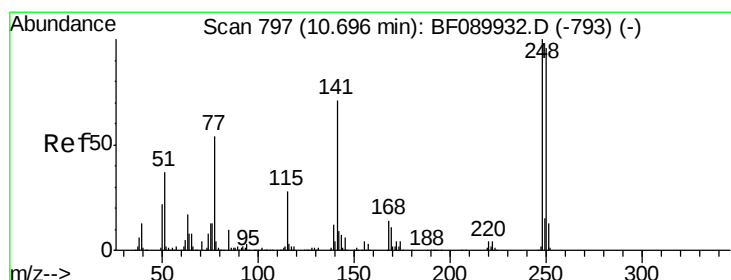
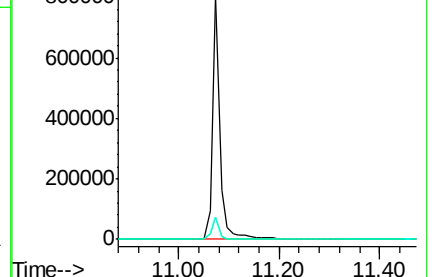
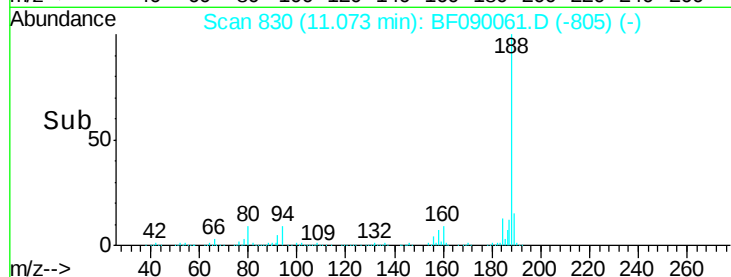
80 9.1 5.8 8.8#



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: 2.20 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.25 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

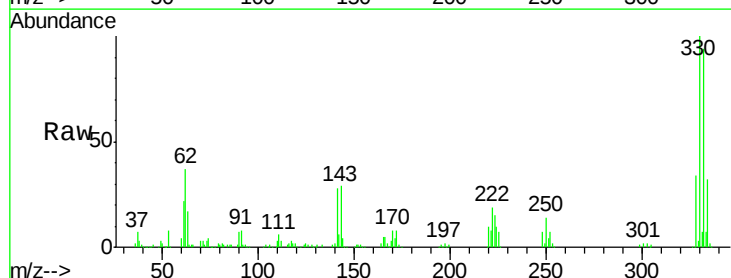
Tgt Ion:248 Resp: 18379

Ion Ratio Lower Upper

248 100

250 197.4 77.3 115.9#

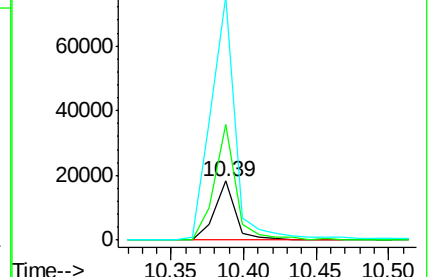
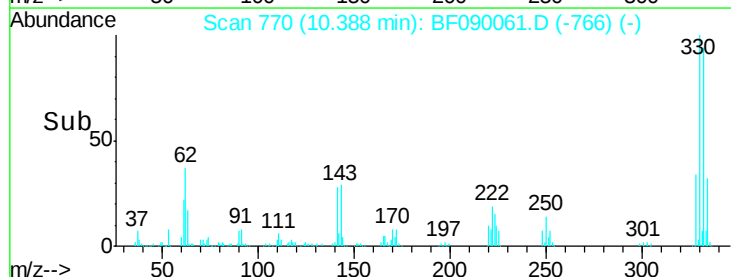
141 413.7 55.8 83.8#

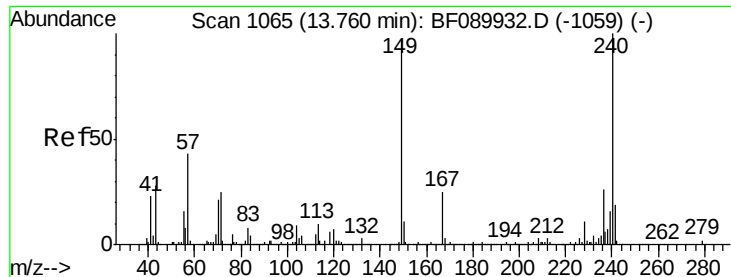


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

Instrument :

BNA_F

ClientSampleId :

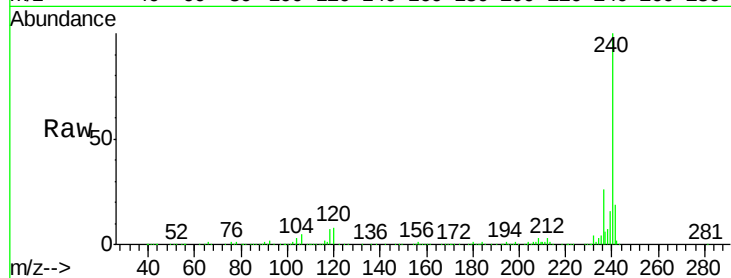
Tot Ion:240 Resp: 700294

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

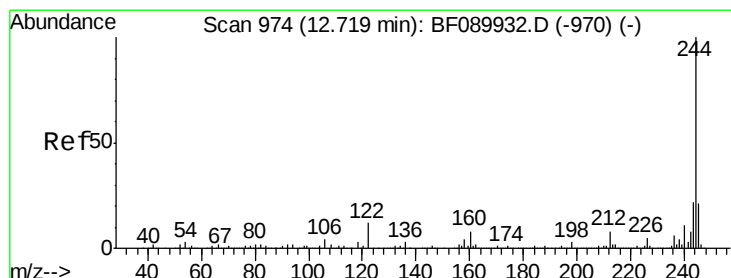
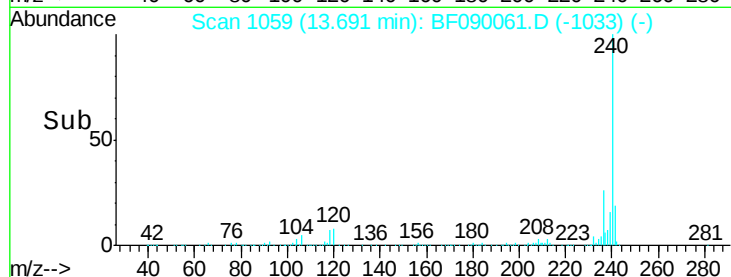
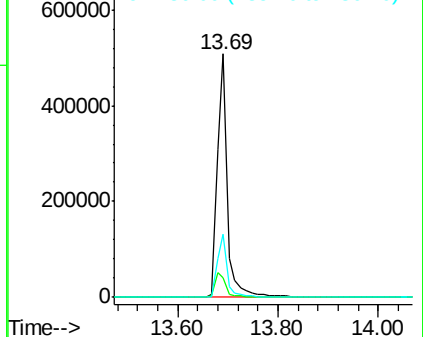
236 26.2 21.3 31.9



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: 67.60 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF090061.D

Acq: 12 Sep 2016 14:10

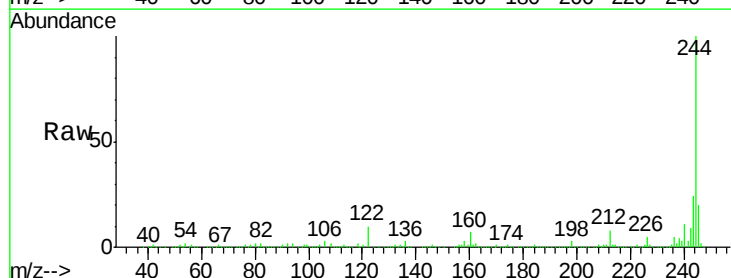
Tgt Ion:244 Resp: 1916426

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

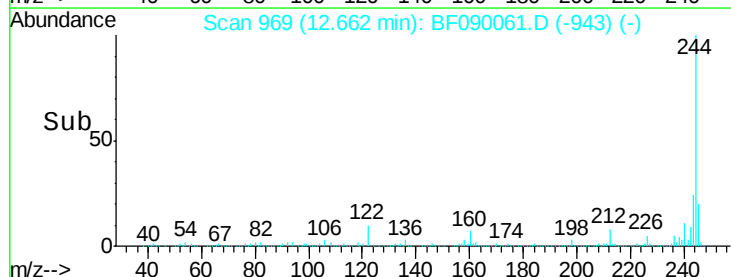
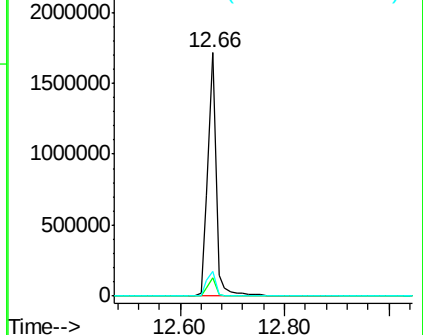
122 10.0 9.6 14.4

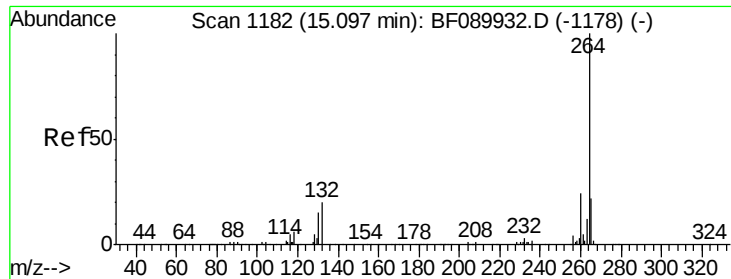


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF090061.D
Acq: 12 Sep 2016 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.9	17.4	26.2

