

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
 Data File : BF089360.D
 Acq On : 28 Jul 2016 11:45
 Operator : UM/SJ
 Sample : H4155-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-11

Quant Time: Jul 28 12:11:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

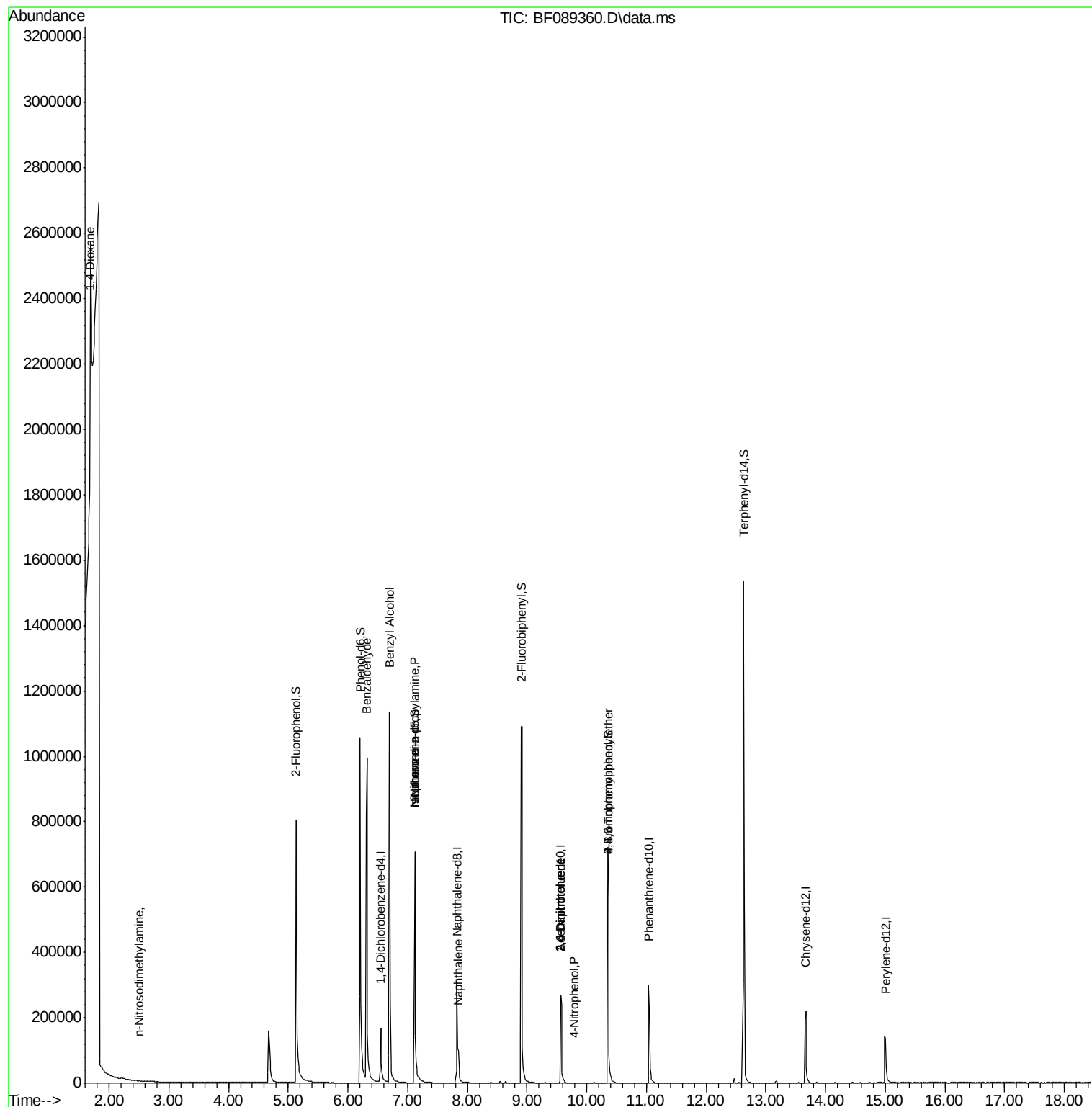
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	41118	20.00	ng	0.00
21) Naphthalene-d8	7.827	136	183370	20.00	ng	0.00
38) Acenaphthene-d10	9.565	164	85206	20.00	ng	-0.01
63) Phenanthrene-d10	11.039	188	177574	20.00	ng	-0.01
75) Chrysene-d12	13.668	240	128158	20.00	ng	0.00
86) Perylene-d12	15.005	264	96497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.130	112	372373	144.60	ng	0.02
7) Phenol-d6	6.204	99	484202	142.28	ng	0.00
23) Nitrobenzene-d5	7.119	82	355454	114.42	ng	0.00
41) 2,4,6-Tribromophenol	10.365	330	120682	171.01	ng	0.00
44) 2-Fluorobiphenyl	8.913	172	618164	106.47	ng	0.00
78) Terphenyl-d14	12.628	244	557649	101.84	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	1.690	88	38217	32.06	ng	# 26
4) n-Nitrosodimethylamine	2.501	42	211	7.90	ng	# 1
9) Benzaldehyde	6.319	77	9468	5.70	ng	87
15) Benzyl Alcohol	6.696	79	5267	2.49	ng	# 50
19) n-Nitroso-di-n-propyla...	7.119	70	46015	22.42	ng	# 79
25) Isophorone	7.119	82	282348	45.12	ng	# 67
31) Naphthalene	7.850	128	55463	6.11	ng	99
50) 2,6-Dinitrotoluene	9.565	165	10251	7.69	ng	# 24
55) 4-Nitrophenol	9.793	139	468	6.81	ng	# 4
56) 2,4-Dinitrotoluene	9.565	165	10252	5.84	ng	# 7
66) 4-Bromophenyl-phenylether	10.365	248	8356	4.93	ng	# 1

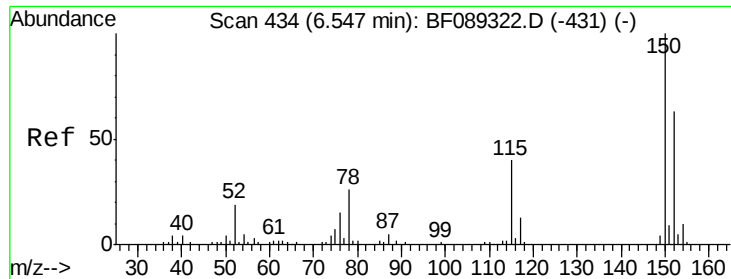
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

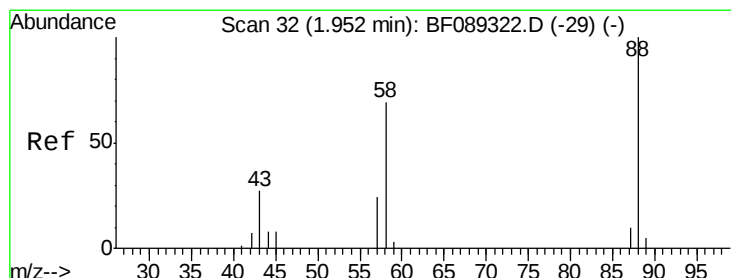
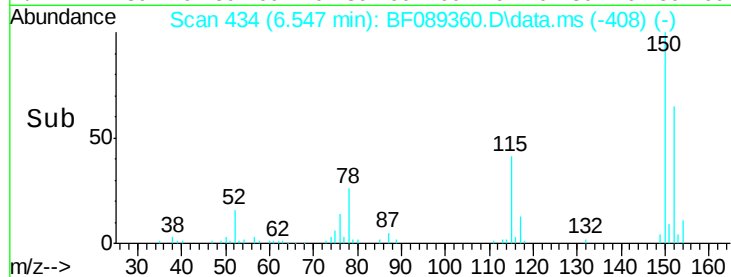
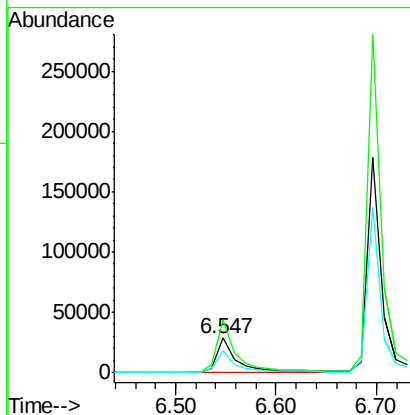
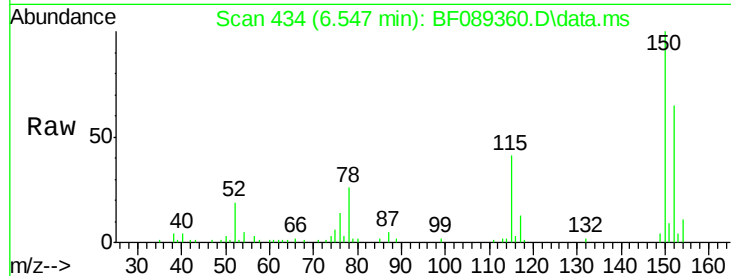
Tot Ion:152 Resp: 41118

Ion Ratio Lower Upper

152 100

150 154.7 129.5 194.3

115 63.6 51.4 77.2



#2

1,4-Dioxane

Concen: 32.06 ng

RT: 1.690 min Scan# 9

Delta R.T. -0.262 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

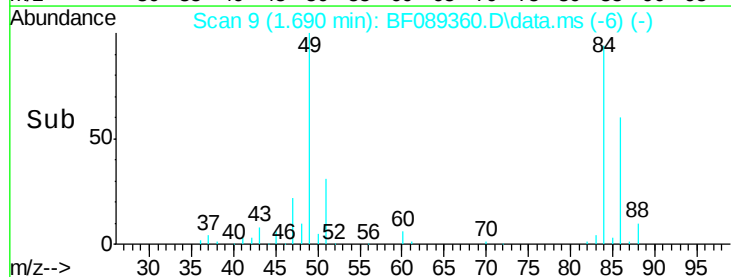
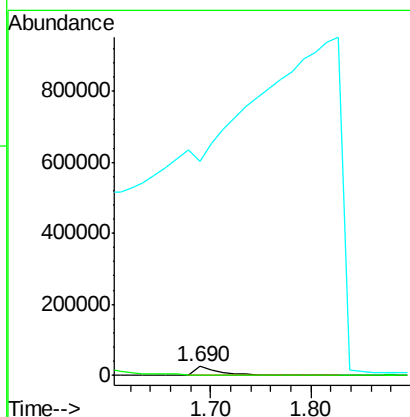
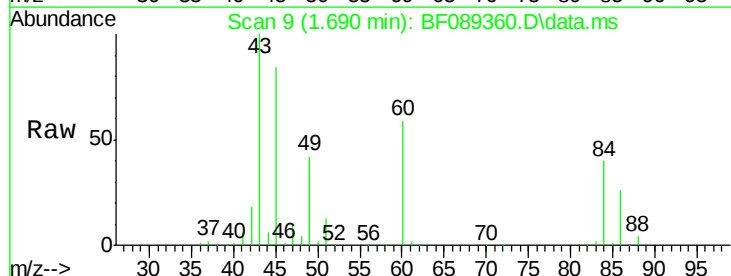
Tgt Ion: 88 Resp: 38217

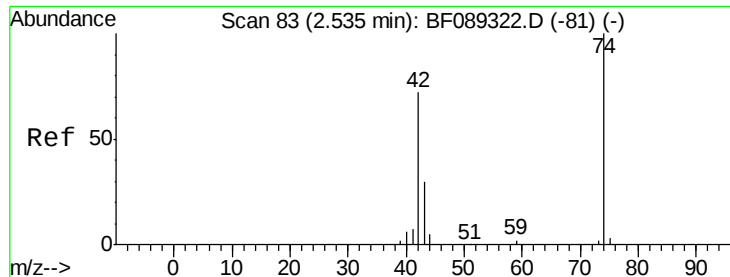
Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

43 0.0 20.6 31.0#





#4

n-Nitrosodimethylamine

Concen: 7.90 ng

RT: 2.501 min Scan# 80

Delta R.T. -0.034 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

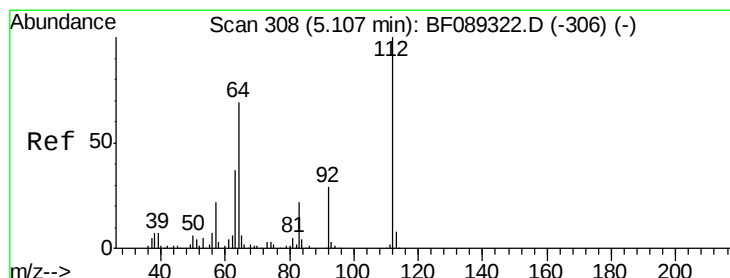
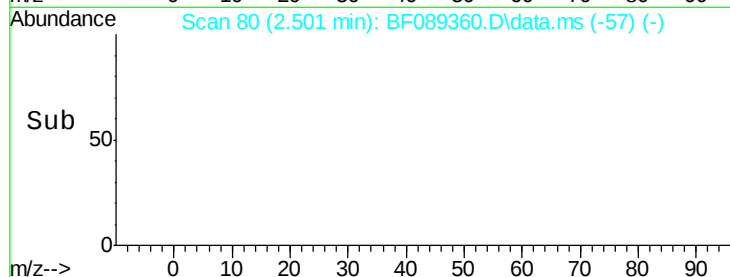
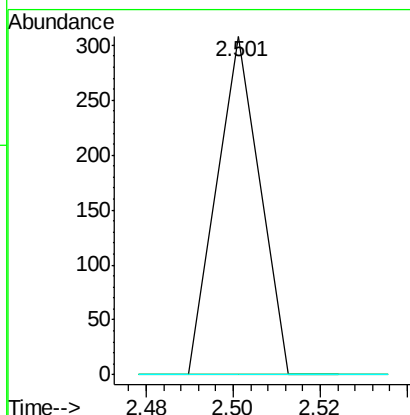
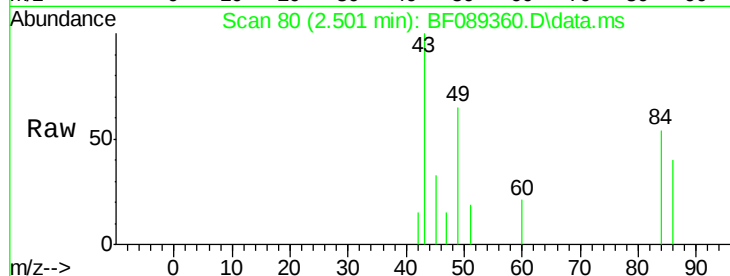
Tot Ion: 42 Resp: 211

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 144.60 ng

RT: 5.130 min Scan# 310

Delta R.T. 0.023 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

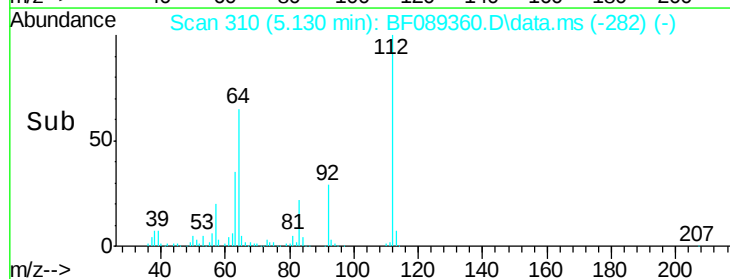
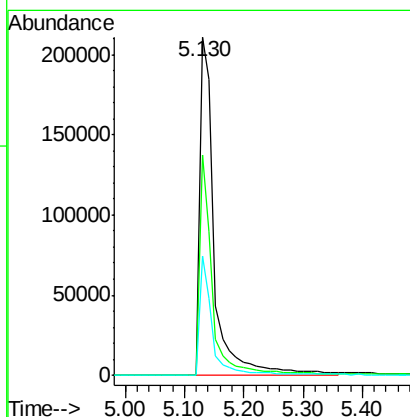
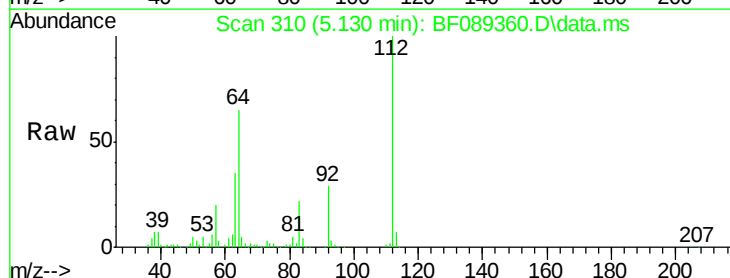
Tgt Ion: 112 Resp: 372373

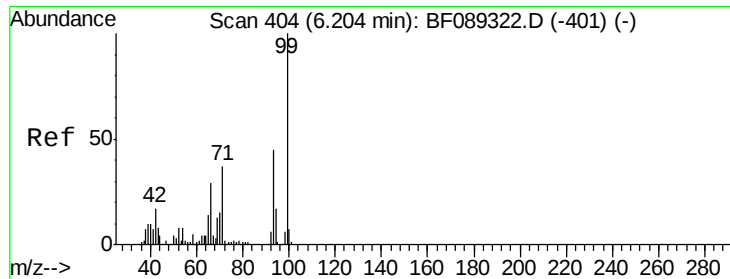
Ion Ratio Lower Upper

112 100

64 65.4 55.0 82.6

63 35.1 29.4 44.2





#7

Phenol-d6

Concen: 142.28 ng

RT: 6.204 min Scan# 404

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

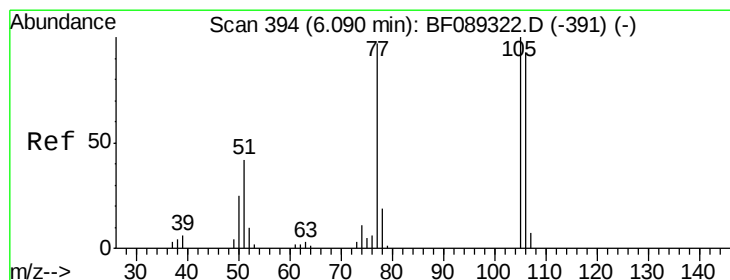
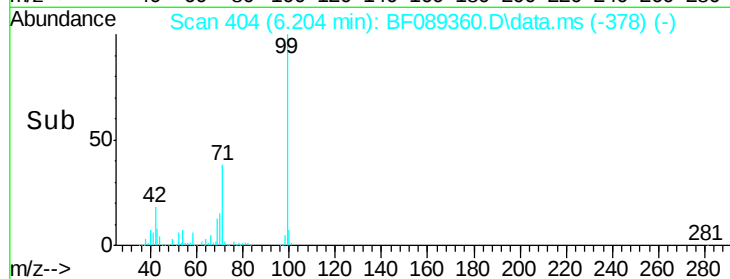
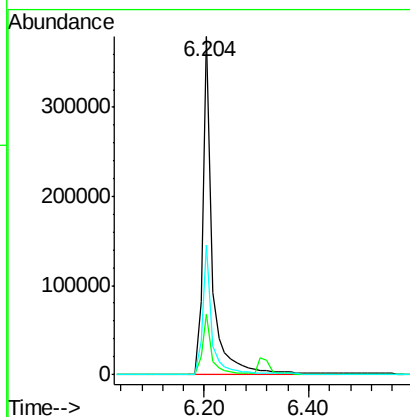
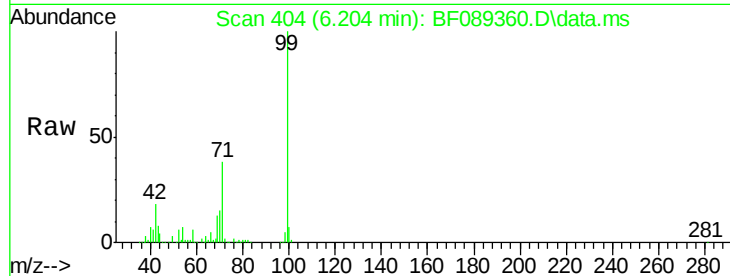
Tot Ion: 99 Resp: 484202

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

71 38.1 29.4 44.2



#9

Benzaldehyde

Concen: 5.70 ng

RT: 6.319 min Scan# 414

Delta R.T. 0.229 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

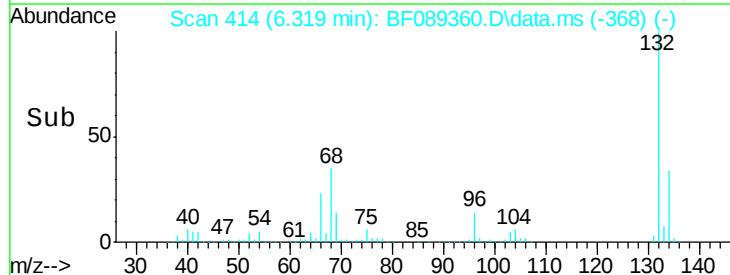
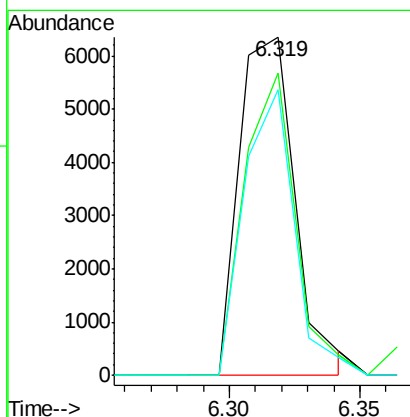
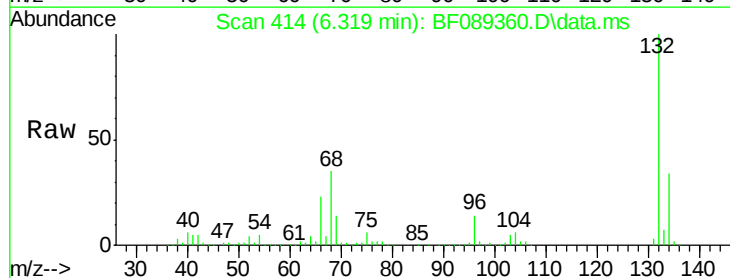
Tgt Ion: 77 Resp: 9468

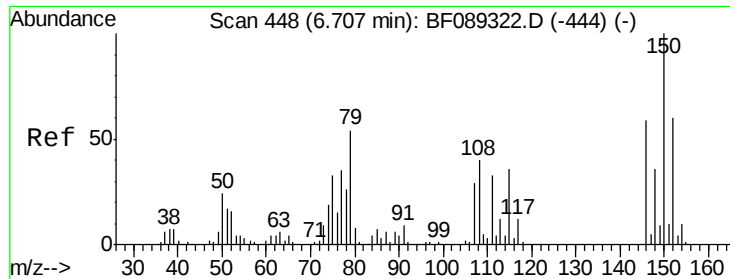
Ion Ratio Lower Upper

77 100

105 89.3 82.9 122.9

106 84.4 75.9 115.9

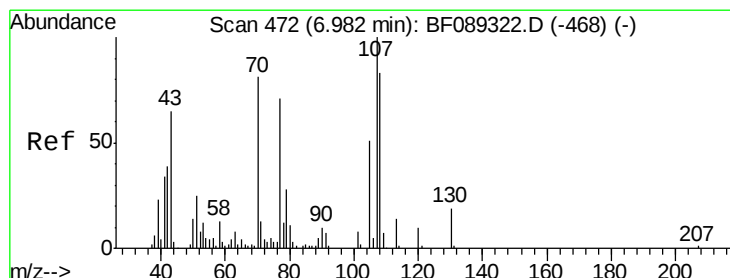
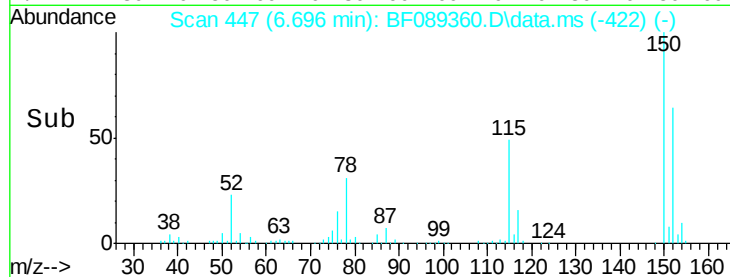
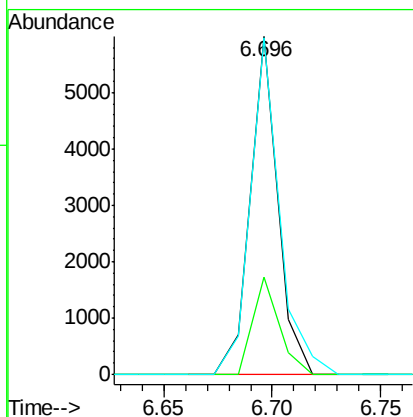
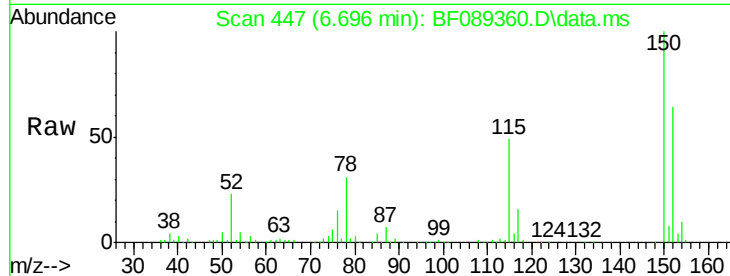




#15
Benzyl Alcohol
Concen: 2.49 ng
RT: 6.696 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

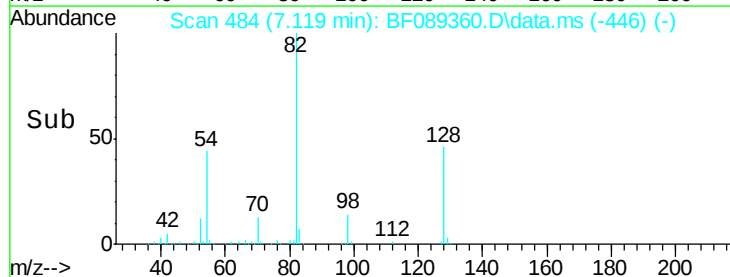
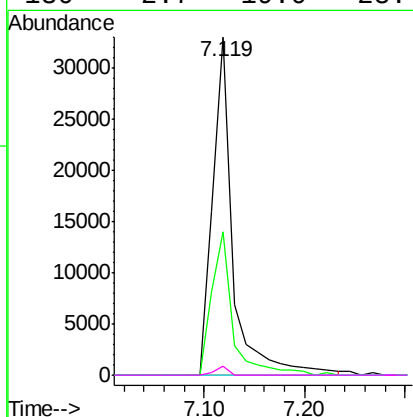
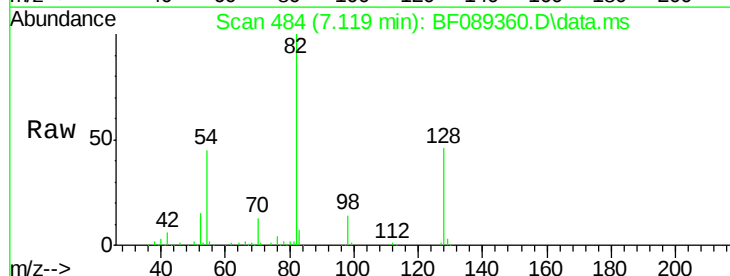
Instrument :
BNA_F
ClientSampled :
I-11

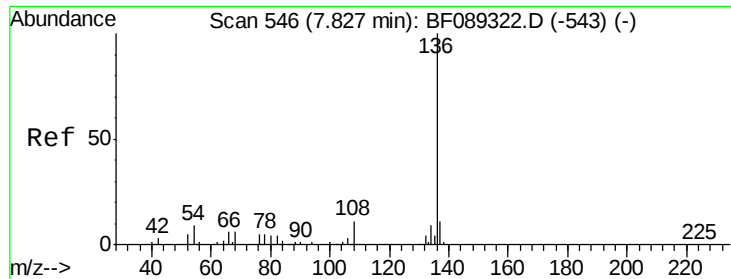
Tot Ion: 79 Resp: 5267
Ion Ratio Lower Upper
79 100
108 28.8 59.8 89.6#
77 99.6 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 22.42 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.137 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion: 70 Resp: 46015
Ion Ratio Lower Upper
70 100
42 42.6 38.6 57.8
101 0.0 8.3 12.5#
130 2.7 19.0 28.4#

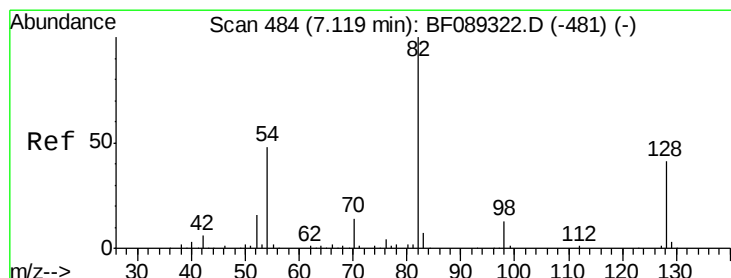
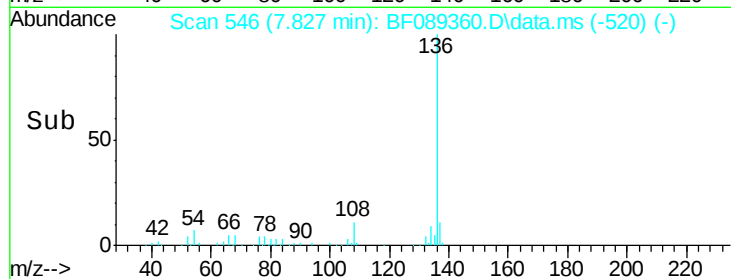
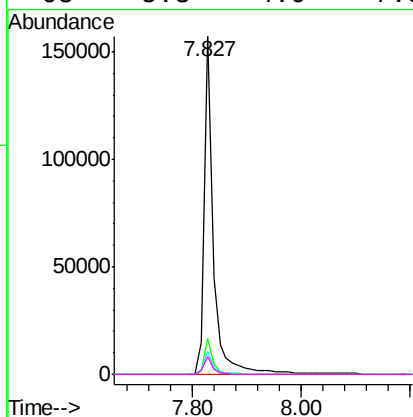
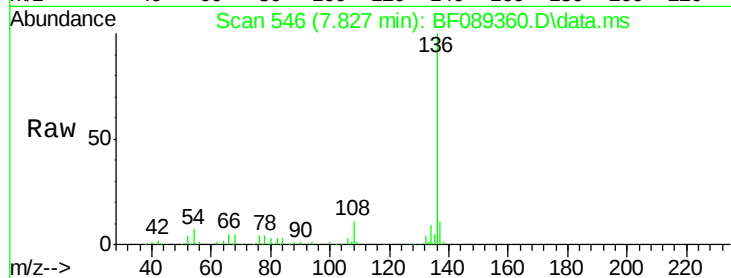




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.827 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

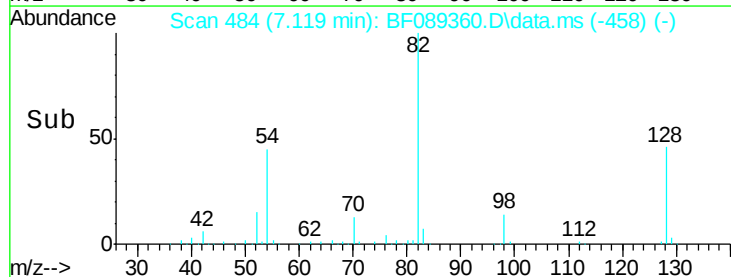
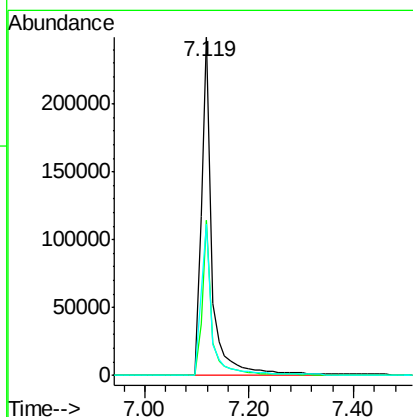
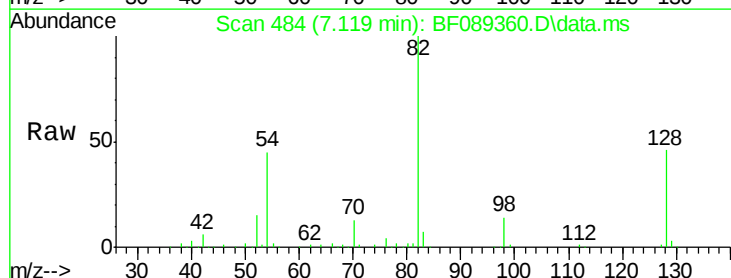
Instrument :
BNA_F
ClientSampleId :
I-11

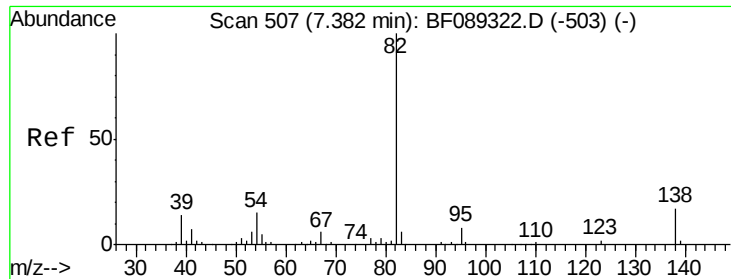
Tot Ion:136	Resp:	183370
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	7.0	7.0 10.4
68	5.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 114.42 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.000 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion: 82	Resp:	355454
Ion Ratio	Lower	Upper
82	100	
128	45.7	32.5 48.7
54	44.9	38.8 58.2





#25

Isophorone

Concen: 45.12 ng

RT: 7.119 min Scan# 48

Delta R.T. -0.263 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

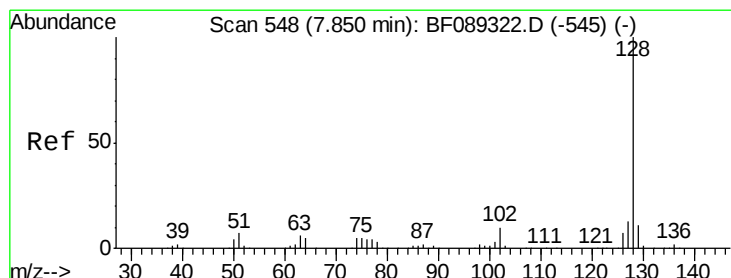
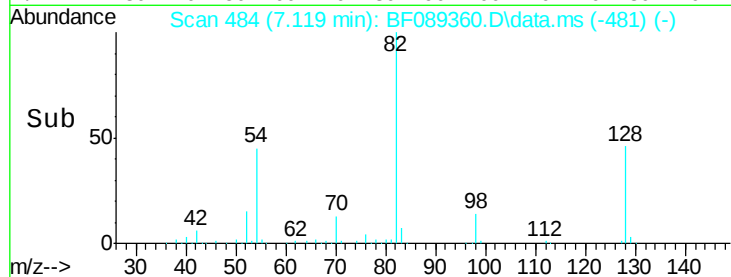
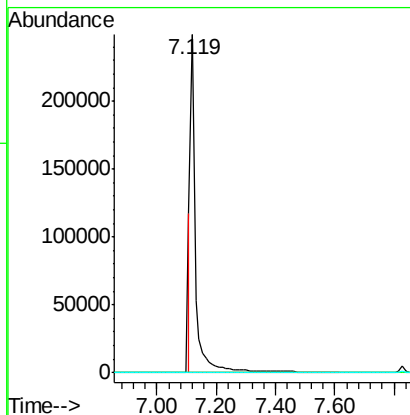
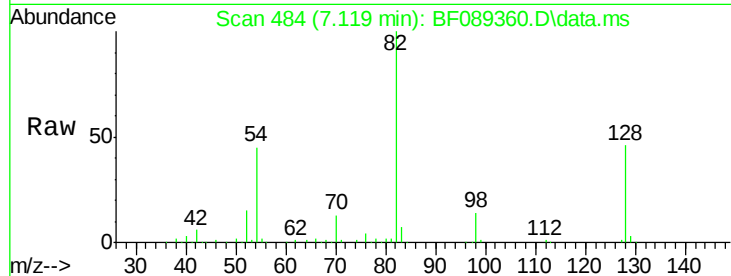
Tot Ion: 82 Resp: 282348

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#



#31

Naphthalene

Concen: 6.11 ng

RT: 7.850 min Scan# 548

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

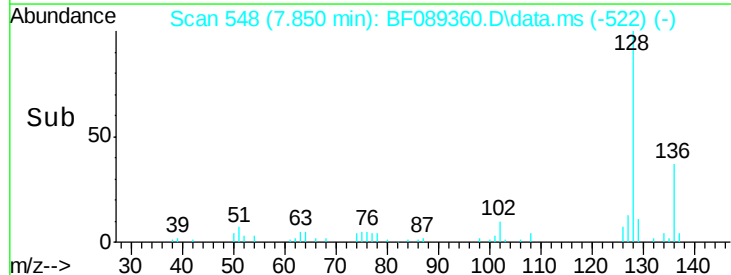
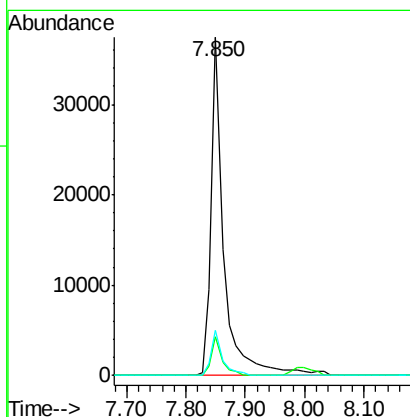
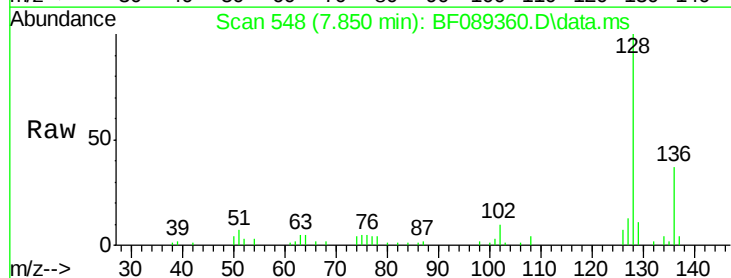
Tgt Ion: 128 Resp: 55463

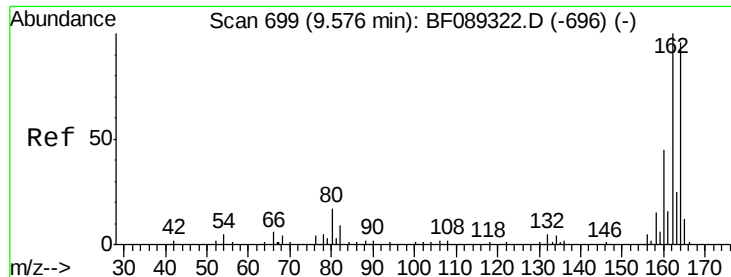
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.4 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.565 min Scan# 69

Delta R.T. -0.011 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

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ClientSampleId :

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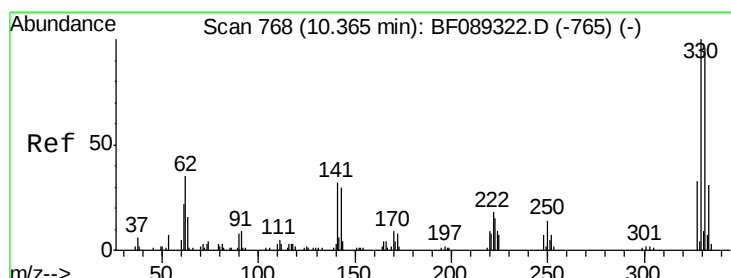
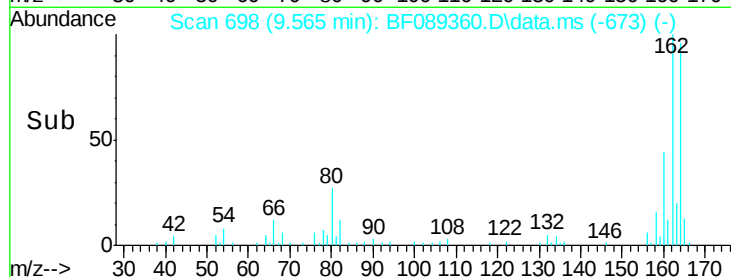
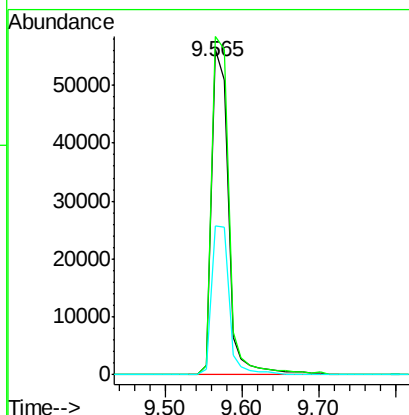
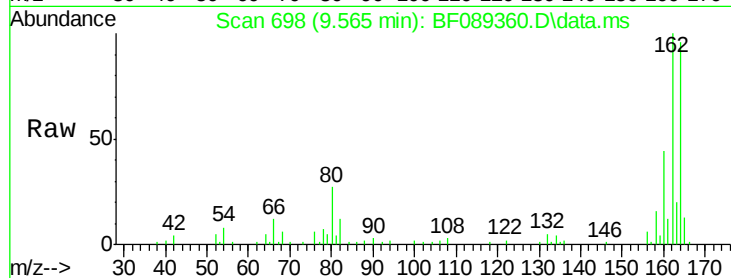
Tot Ion:164 Resp: 85206

Ion Ratio Lower Upper

164 100

162 103.9 83.7 125.5

160 45.7 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 171.01 ng

RT: 10.365 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

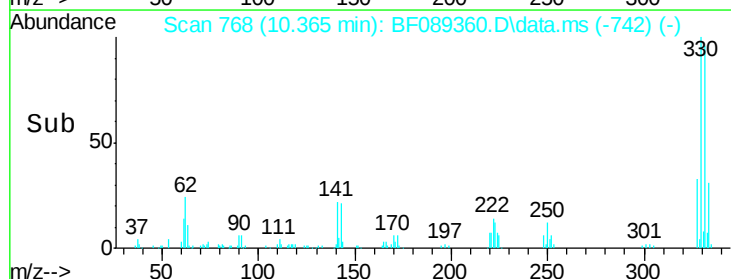
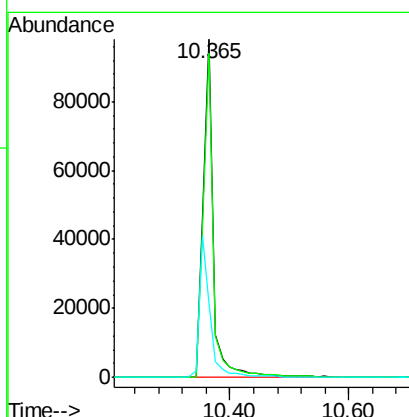
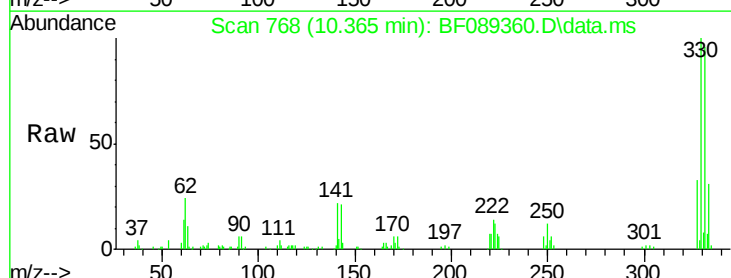
Tgt Ion:330 Resp: 120682

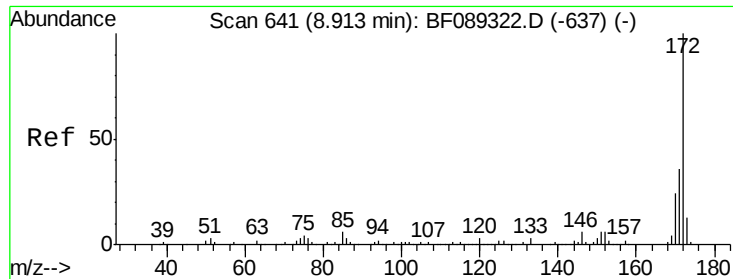
Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 43.4 37.3 55.9

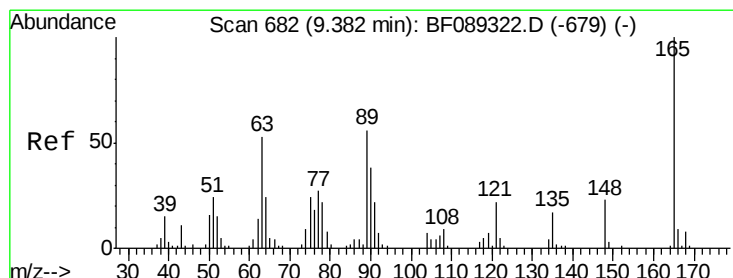
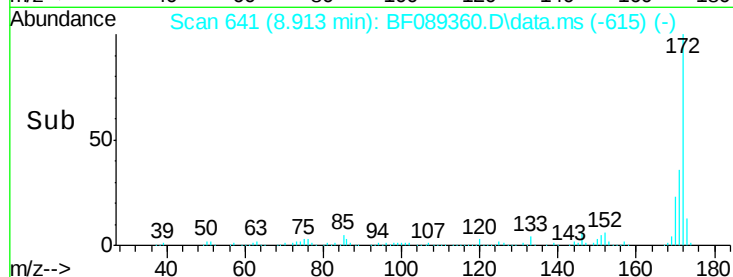
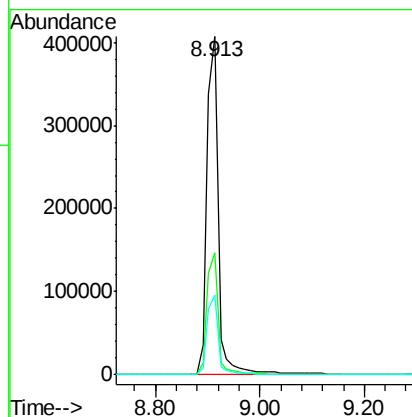
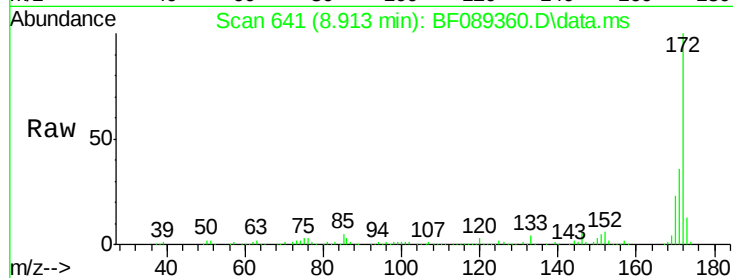




#44
2-Fluorobiphenyl
Concen: 106.47 ng
RT: 8.913 min Scan# 641
Delta R.T. 0.000 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

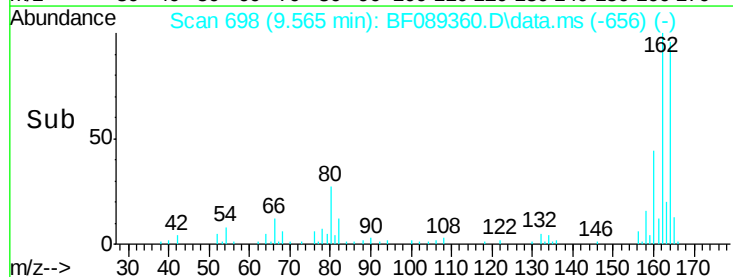
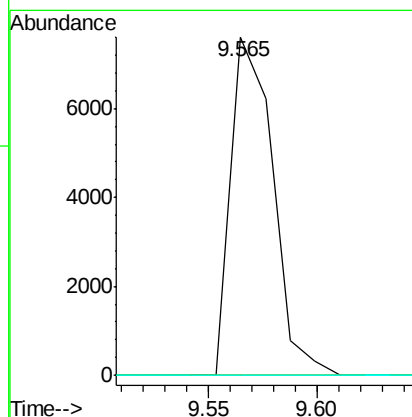
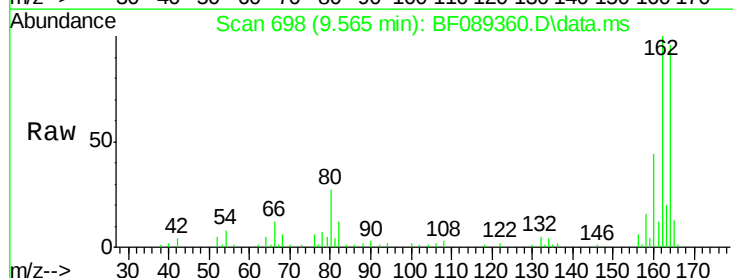
Instrument :
BNA_F
ClientSampleId :
I-11

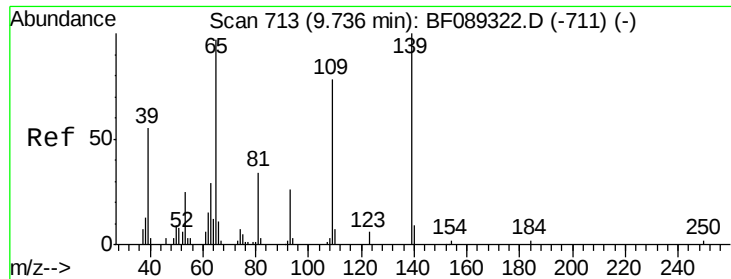
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.4	19.2	28.8



#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.565 min Scan# 698
Delta R.T. 0.183 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#

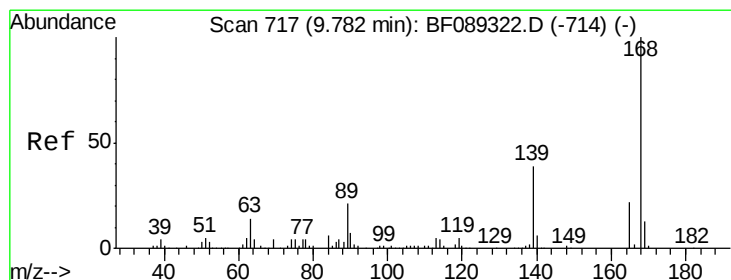
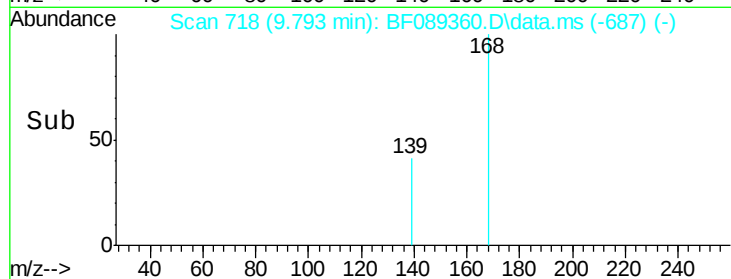
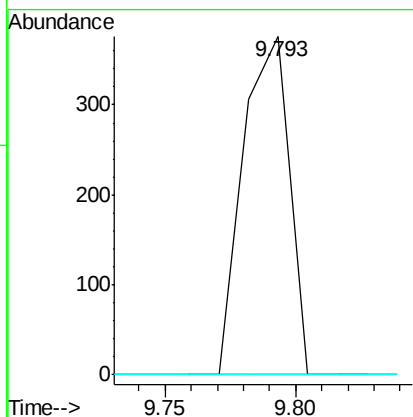
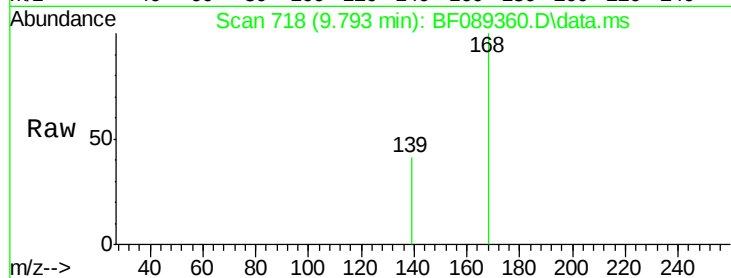




#55
4-Nitrophenol
Concen: 6.81 ng
RT: 9.793 min Scan# 71
Delta R.T. 0.057 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

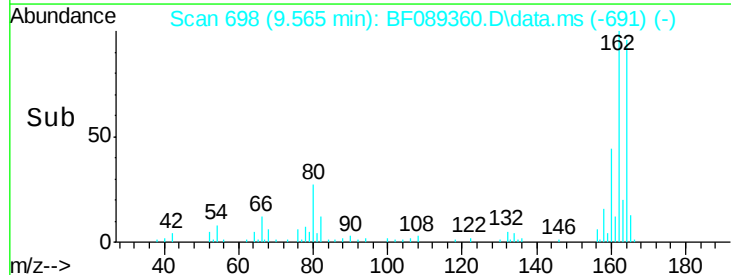
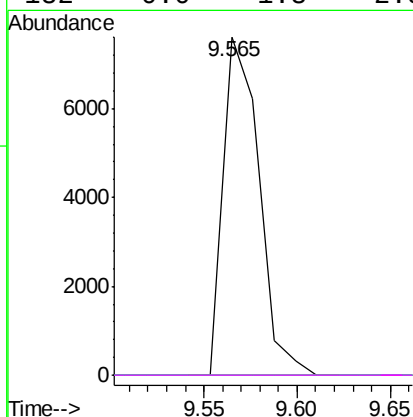
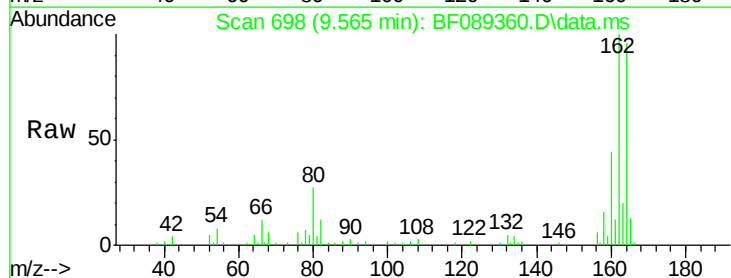
Instrument :
BNA_F
ClientSampleId :
I-11

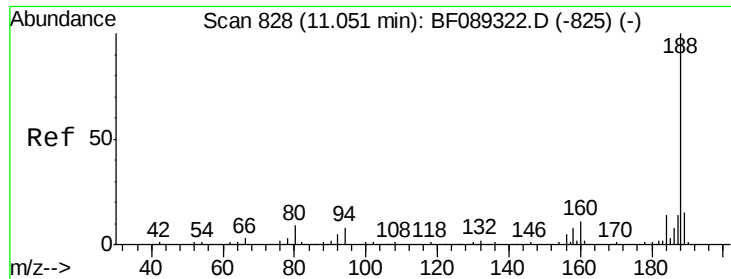
Tot Ion:139 Resp: 468
Ion Ratio Lower Upper
139 100
109 0.0 57.8 97.8#
65 0.0 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.565 min Scan# 698
Delta R.T. -0.217 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion:165 Resp: 10252
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

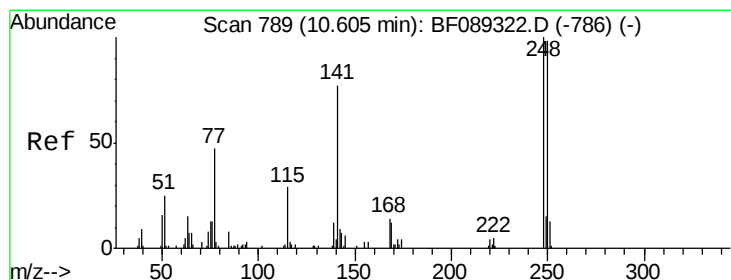
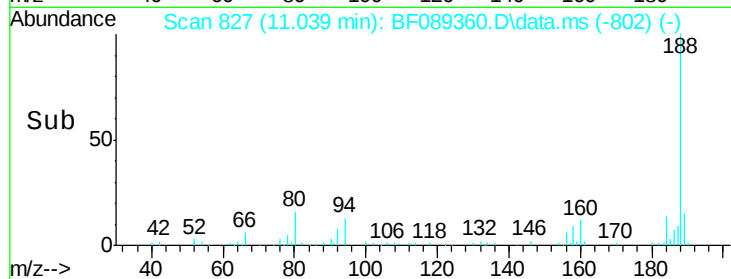
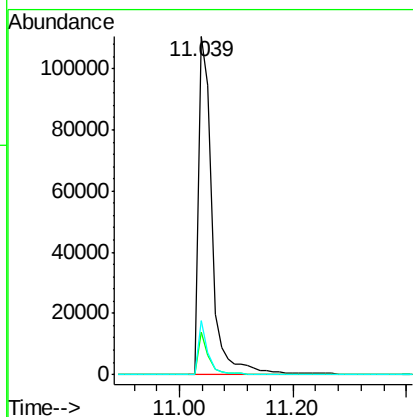
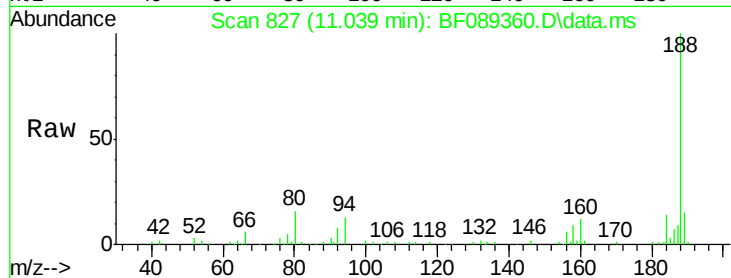




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.039 min Scan# 82
 Delta R.T. -0.011 min
 Lab File: BF089360.D
 Acq: 28 Jul 2016 11:45

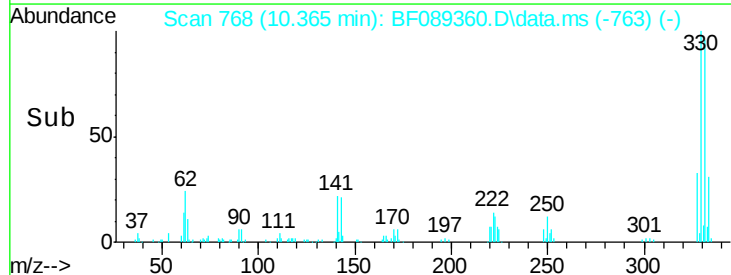
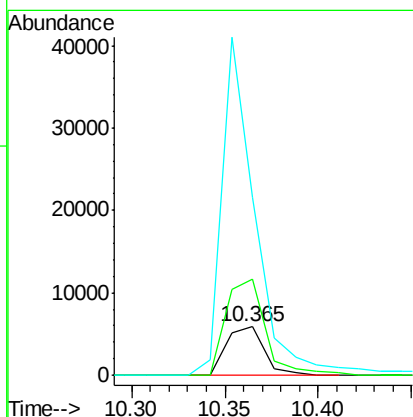
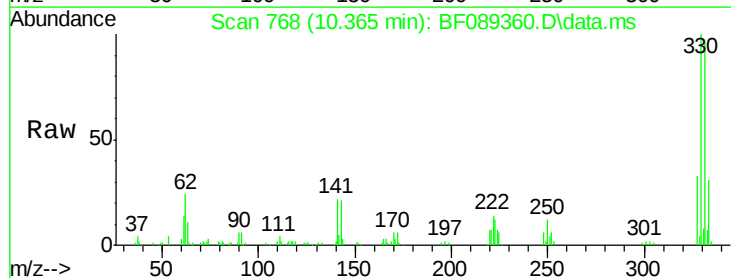
Instrument :
 BNA_F
 ClientSampleId :
 I-11

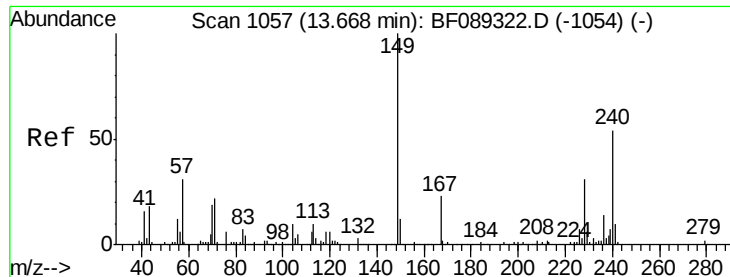
Tot Ion:188 Resp: 177574
 Ion Ratio Lower Upper
 188 100
 94 12.7 6.5 9.7#
 80 15.8 7.2 10.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.365 min Scan# 768
 Delta R.T. -0.240 min
 Lab File: BF089360.D
 Acq: 28 Jul 2016 11:45

Tgt Ion:248 Resp: 8356
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.2 117.2#
 141 368.4 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.668 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

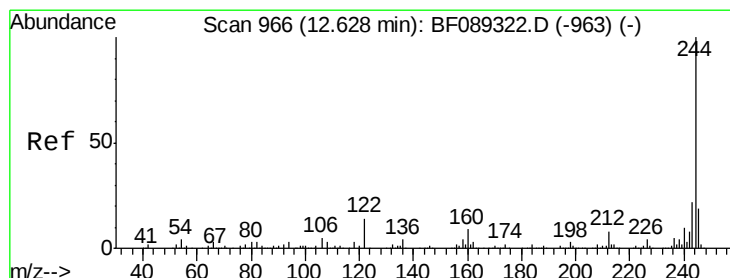
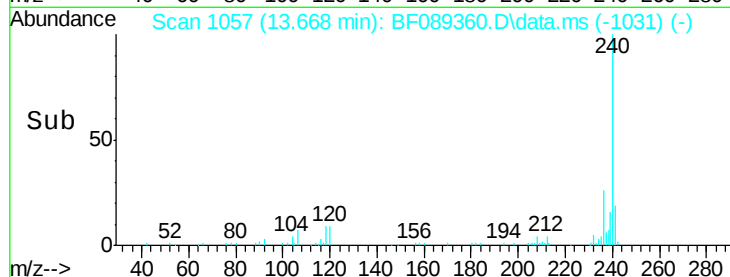
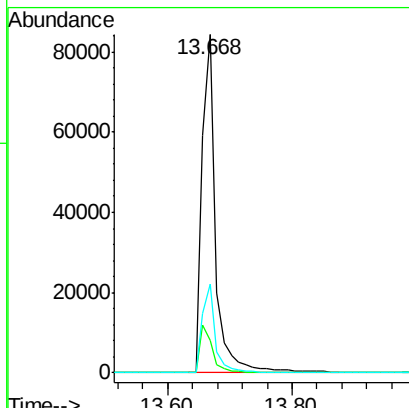
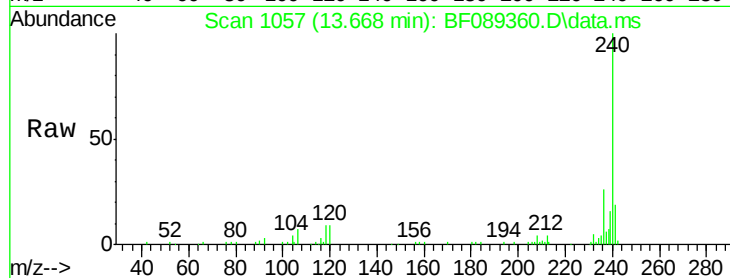
Tot Ion:240 Resp: 128158

Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

236 26.0 20.6 30.8



#78

Terphenyl-d14

Concen: 101.84 ng

RT: 12.628 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

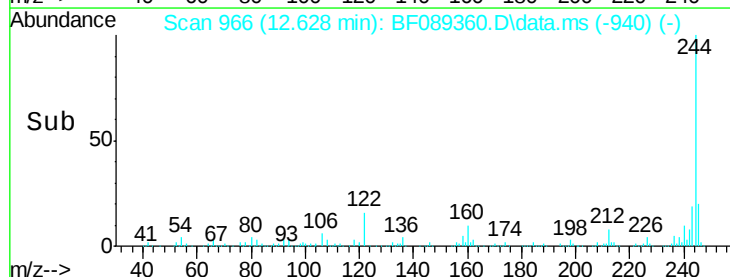
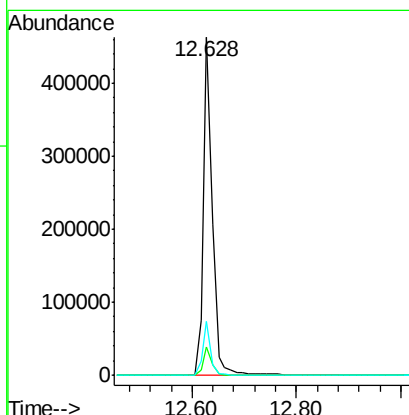
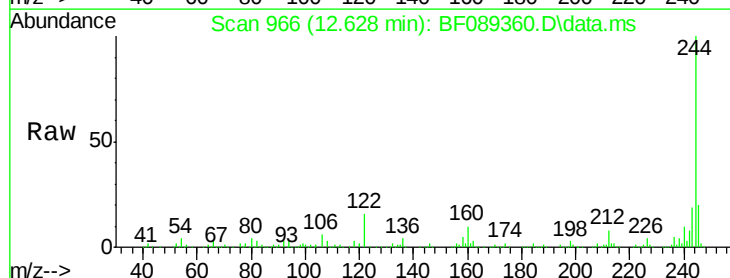
Tgt Ion:244 Resp: 557649

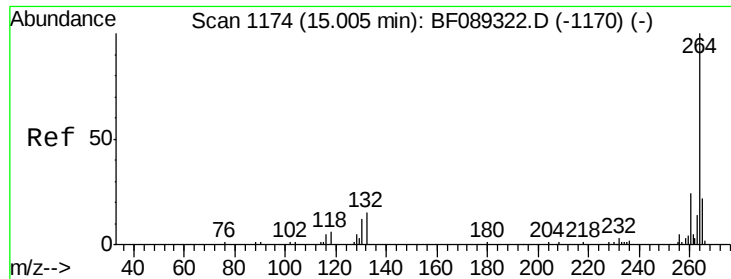
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 16.1 11.4 17.0





#86
Pervlène-d12
Concen: 20.00 ng
RT: 15.005 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Instrument :
BNA_F
ClientSampleId :
I-11

Tot Ion:264 Resp: 96497
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.8 17.5 26.3

