

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089779.D
 Acq On : 17 Aug 2016 22:32
 Operator : UM/SJ
 Sample : H4490-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

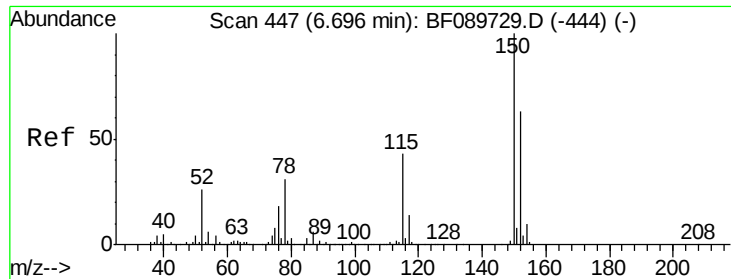
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-4

Quant Time: Aug 18 08:33:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.696	152	565873	20.00	ng	0.00
21) Naphthalene-d8	7.988	136	2133446	20.00	ng	0.00
38) Acenaphthene-d10	9.736	164	1048710	20.00	ng	0.00
63) Phenanthrene-d10	11.211	188	1951541	20.00	ng	0.00
75) Chrysene-d12	13.840	240	1710233	20.00	ng	-0.06
86) Perylene-d12	15.234	264	1397583	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.279	112	2978101	87.81	ng	0.00
7) Phenol-d6	6.330	99	3653805	84.70	ng	0.00
23) Nitrobenzene-d5	7.256	82	2401185	68.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.514	330	990819	97.66	ng	-0.01
44) 2-Fluorobiphenyl	9.062	172	3918605	59.96	ng	-0.01
78) Terphenyl-d14	12.799	244	3581445	62.56	ng	-0.01
Target Compounds						
10) Phenol	6.342	94	130085	2.42	ng	Qvalue 98
19) n-Nitroso-di-n-propyla...	7.256	70	311128	11.01	ng	# 79
49) Dimethylphthalate	9.462	163	2345876	30.91	ng	99
56) 2,4-Dinitrotoluene	9.736	165	137747	6.24	ng	# 35
66) 4-Bromophenyl-phenylether	10.514	248	53248	2.63	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. 0.000 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

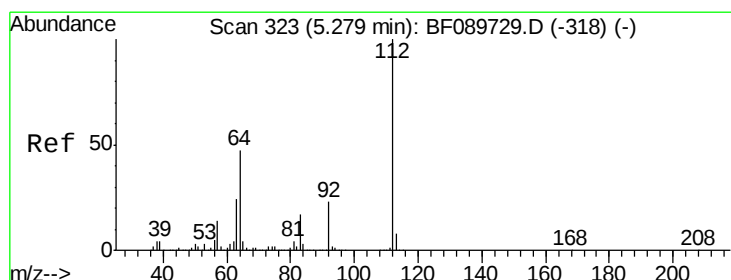
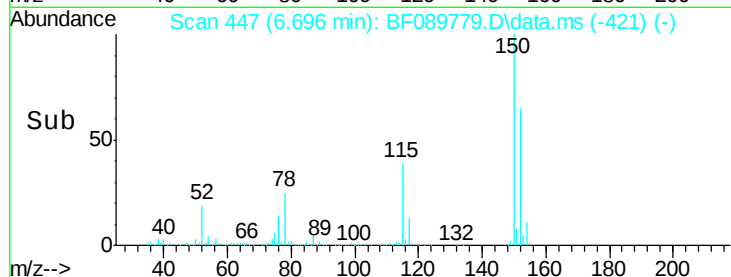
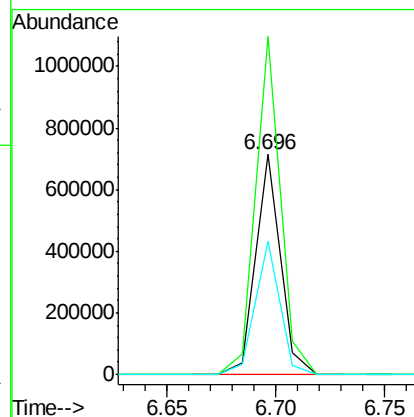
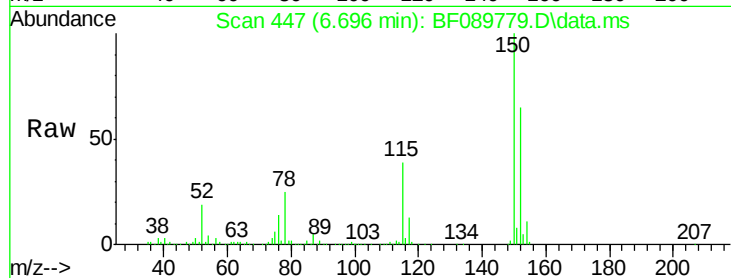
Tot Ion:152 Resp: 565873

Ion Ratio Lower Upper

152 100

150 153.8 125.3 187.9

115 60.5 40.9 61.3



#5

2-Fluorophenol

Concen: 87.81 ng

RT: 5.279 min Scan# 323

Delta R.T. 0.001 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

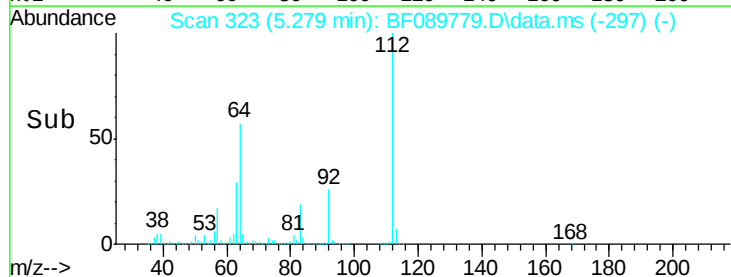
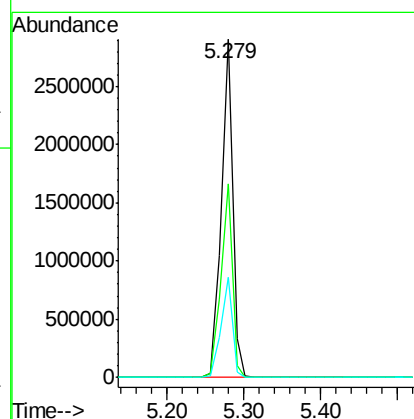
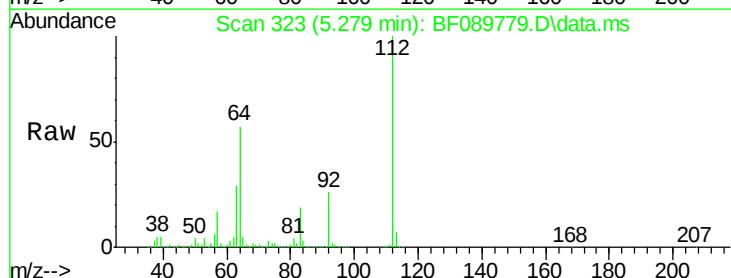
Tgt Ion:112 Resp: 2978101

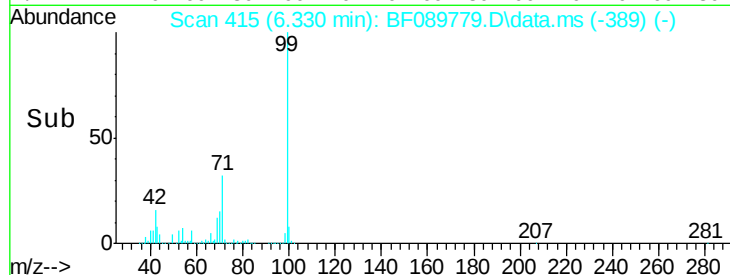
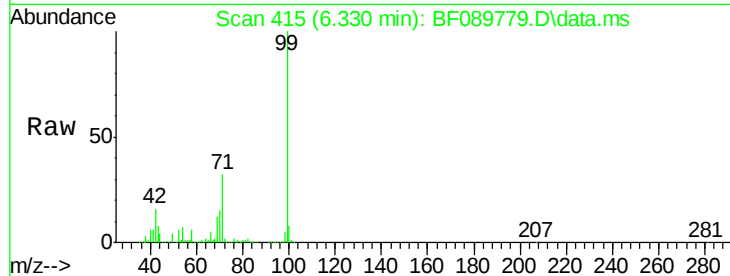
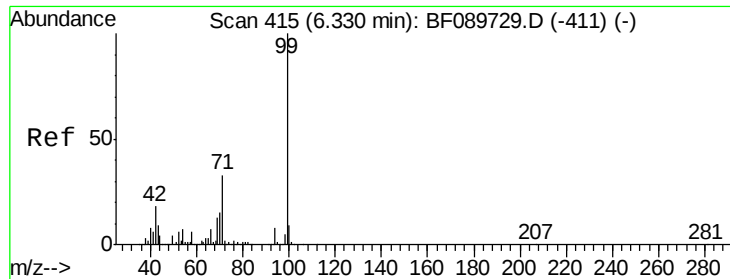
Ion Ratio Lower Upper

112 100

64 57.2 45.0 67.4

63 29.5 23.1 34.7





#7

Phenol-d6

Concen: 84.70 ng

RT: 6.330 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

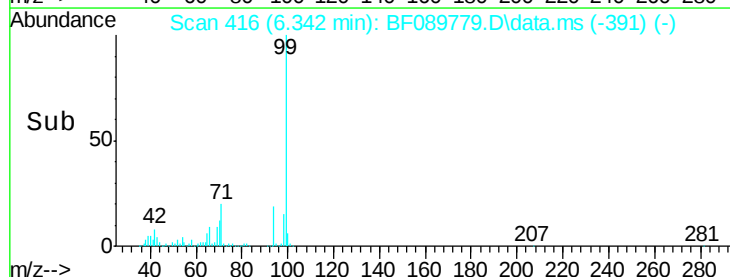
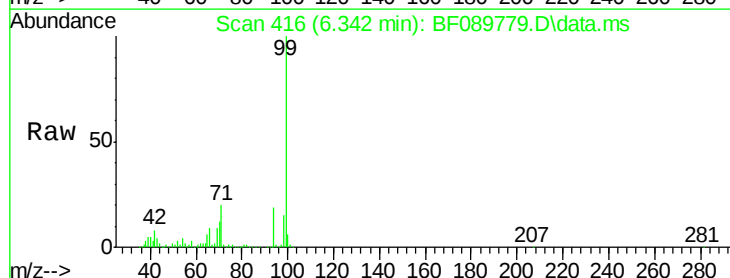
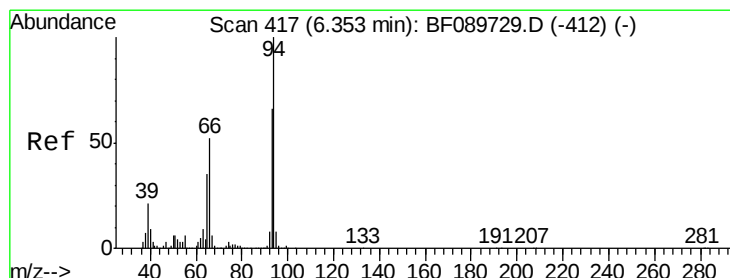
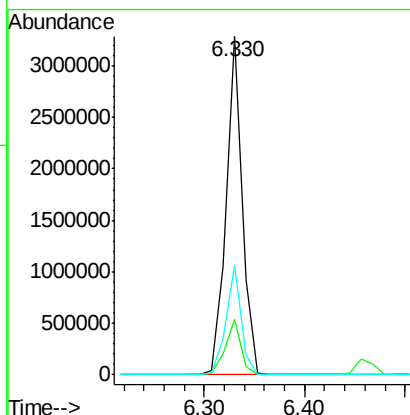
Tot Ion: 99 Resp: 3653805

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.4

71 32.2 23.8 35.8



#10

Phenol

Concen: 2.42 ng

RT: 6.342 min Scan# 416

Delta R.T. -0.011 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

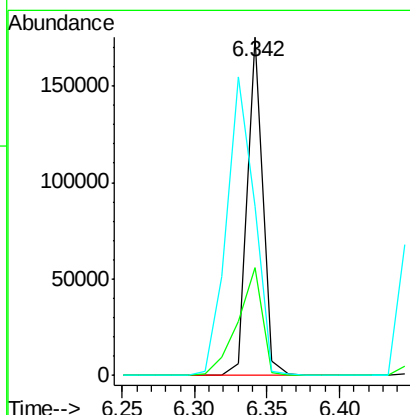
Tgt Ion: 94 Resp: 130085

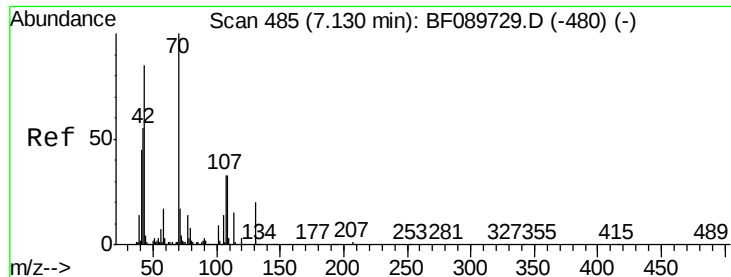
Ion Ratio Lower Upper

94 100

65 31.8 14.0 54.0

66 50.1 31.2 71.2

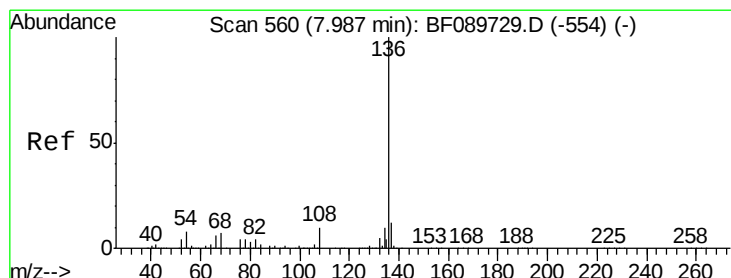
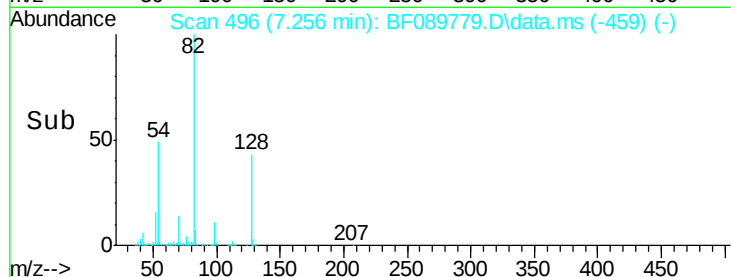
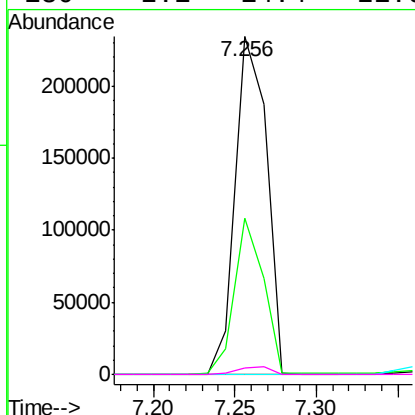
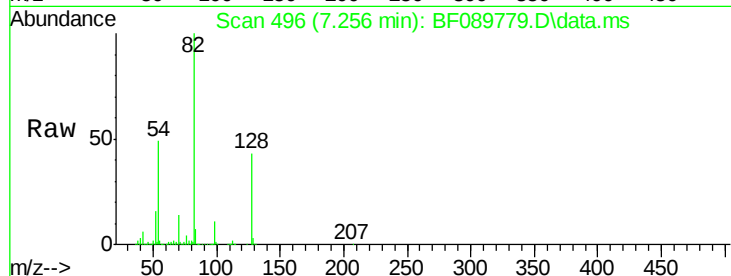




#19
n-Nitroso-di-n-propylamine
Concen: 11.01 ng
RT: 7.256 min Scan# 49
Delta R.T. 0.126 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

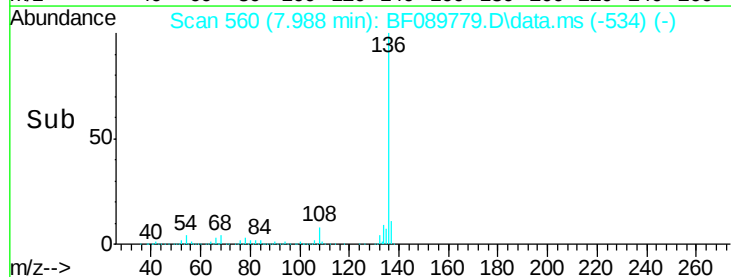
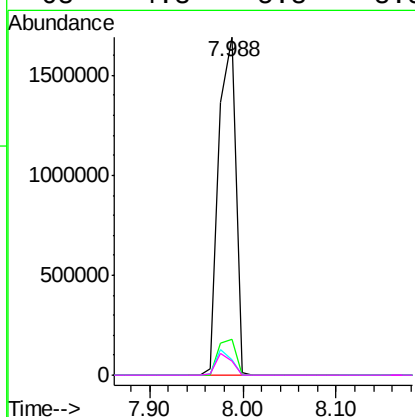
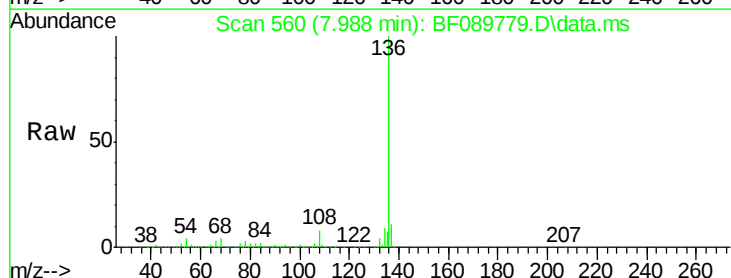
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-4

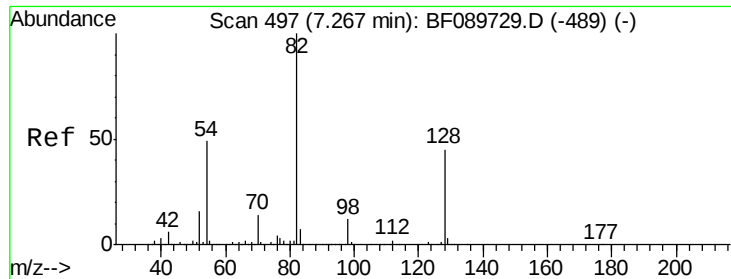
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	46.3	69.5#
101	0.0	7.0	10.6#
130	2.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.988 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.4	7.2	10.8#
68	4.3	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 68.73 ng

RT: 7.256 min Scan# 49

Delta R.T. -0.011 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

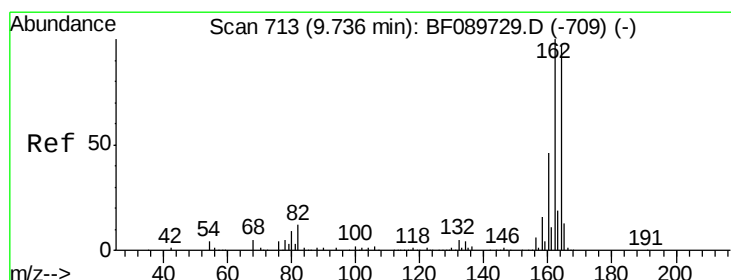
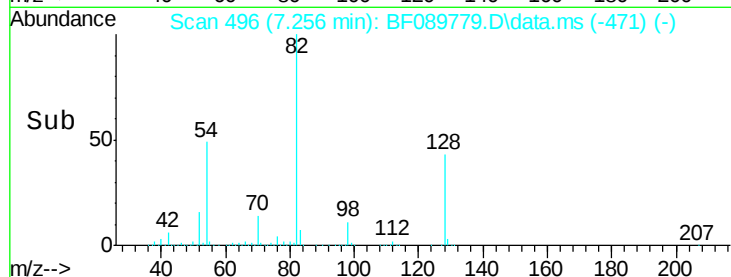
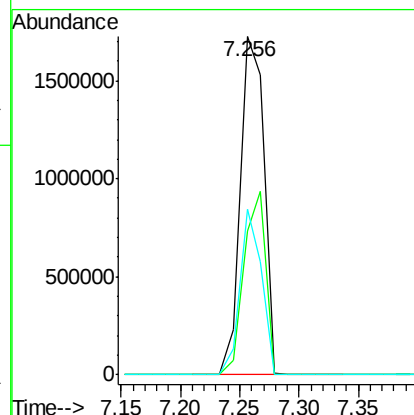
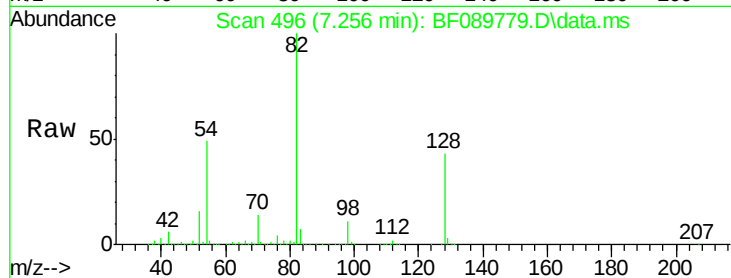
Tot Ion: 82 Resp: 2401185

Ion Ratio Lower Upper

82 100

128 42.6 34.4 51.6

54 48.9 40.3 60.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.736 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

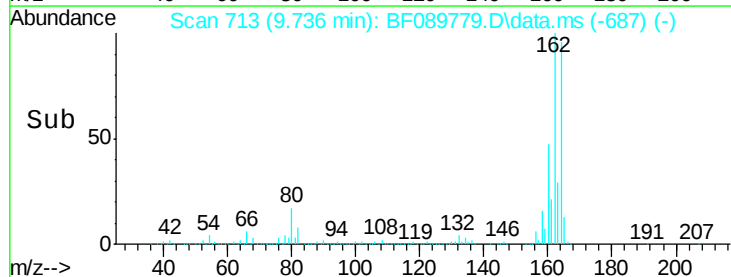
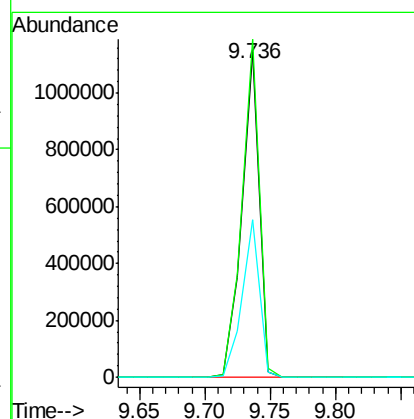
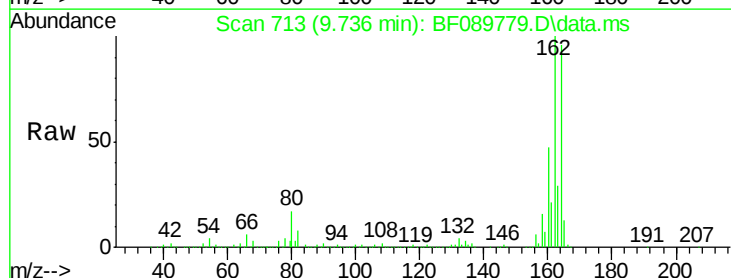
Tgt Ion:164 Resp: 1048710

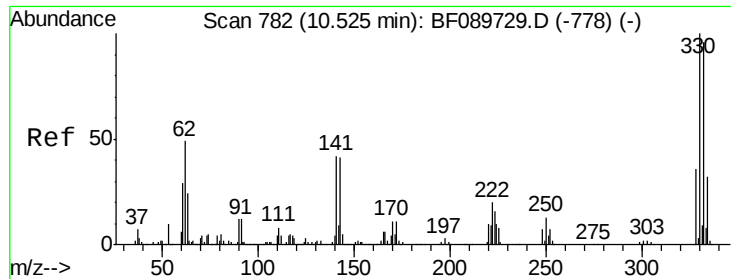
Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.2

160 48.5 37.8 56.6

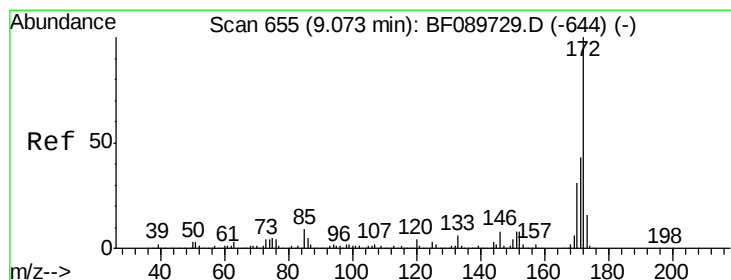
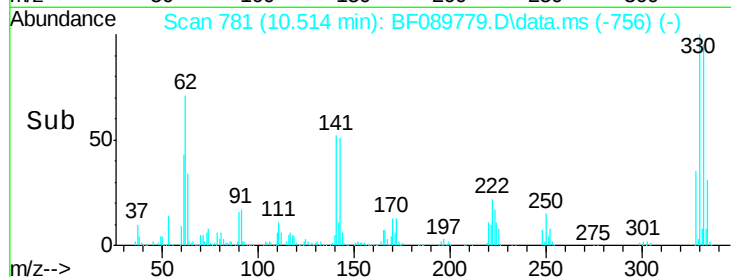
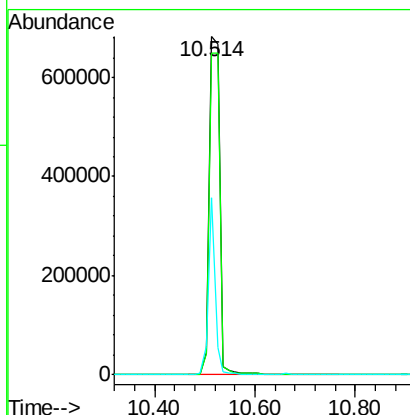
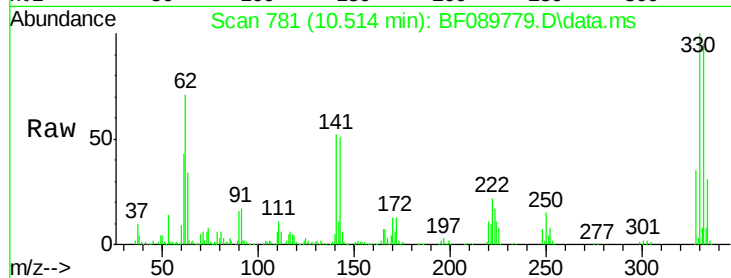




#41
 2,4,6-Tribromophenol
 Concen: 97.66 ng
 RT: 10.514 min Scan# 781
 Delta R.T. -0.011 min
 Lab File: BF089779.D
 Acq: 17 Aug 2016 22:32

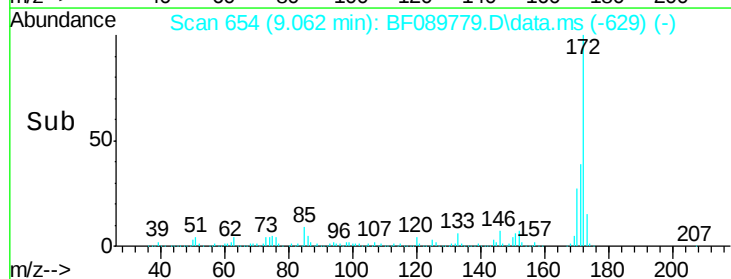
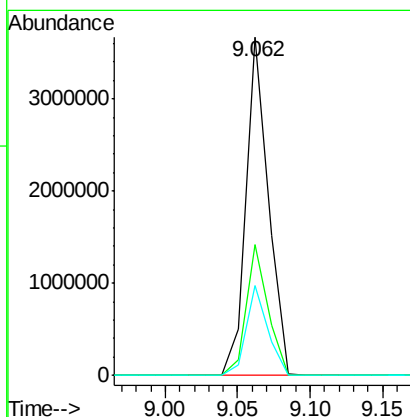
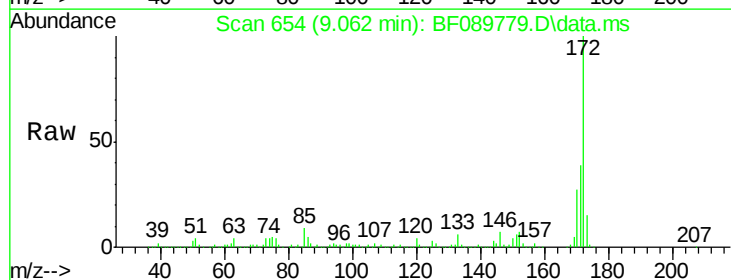
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-4

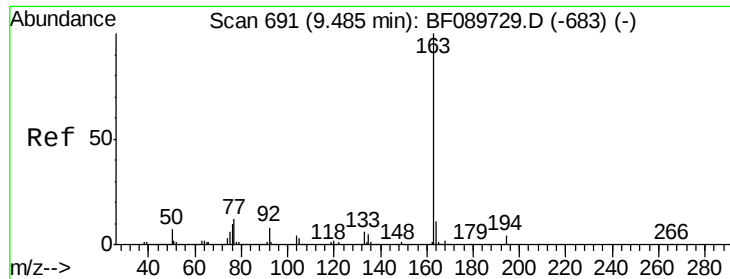
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	33.3	30.2	45.2



#44
 2-Fluorobiphenyl
 Concen: 59.96 ng
 RT: 9.062 min Scan# 654
 Delta R.T. -0.011 min
 Lab File: BF089779.D
 Acq: 17 Aug 2016 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	26.7	20.6	31.0





#49

Dimethylphthalate

Concen: 30.91 ng

RT: 9.462 min Scan# 68

Delta R.T. -0.023 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

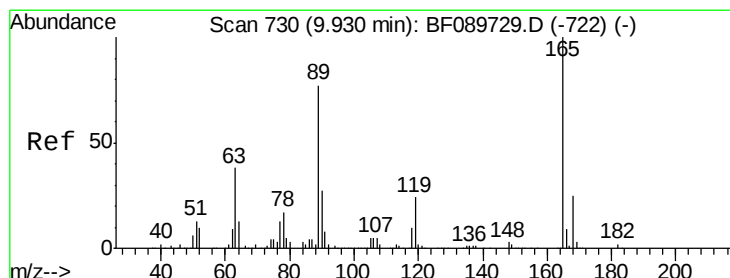
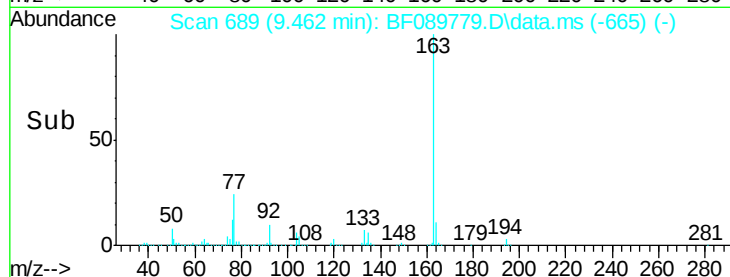
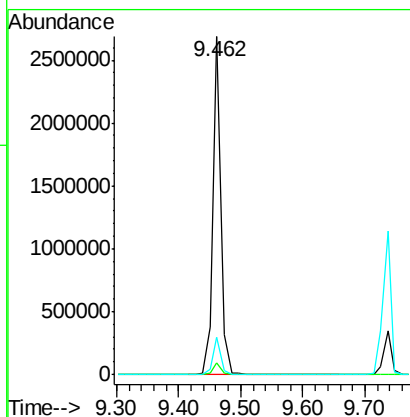
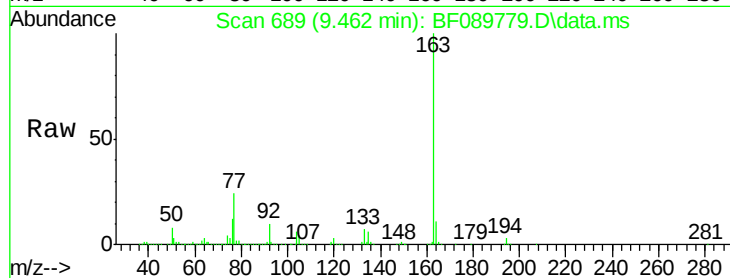
Tot Ion:163 Resp: 2345876

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 11.2 8.6 12.8



#56

2,4-Dinitrotoluene

Concen: 6.24 ng

RT: 9.736 min Scan# 713

Delta R.T. -0.194 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Tgt Ion:165 Resp: 137747

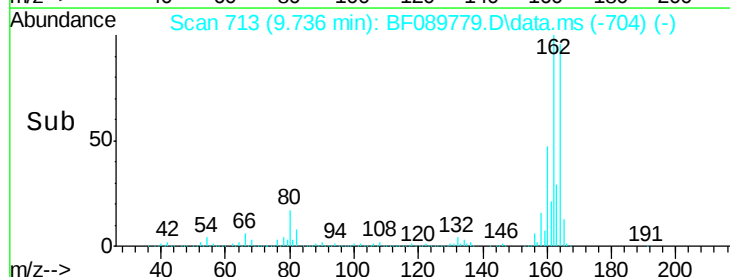
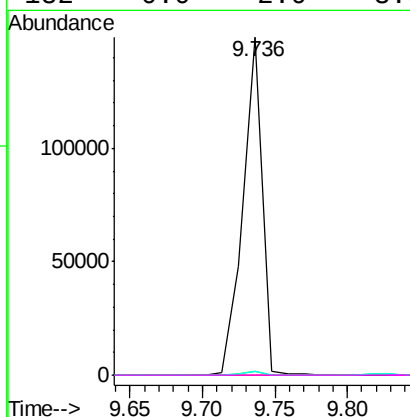
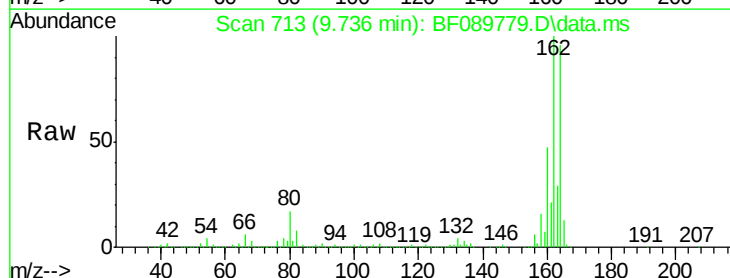
Ion Ratio Lower Upper

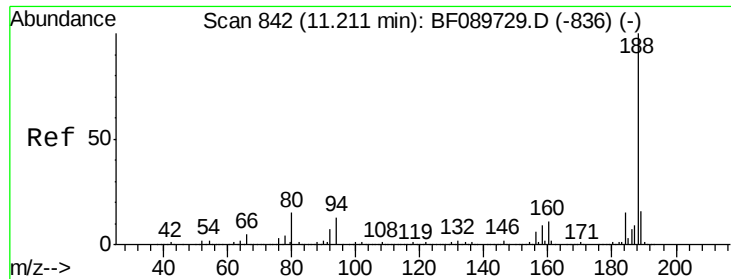
165 100

63 1.1 23.7 35.5#

89 1.2 44.0 66.0#

182 0.0 2.0 3.0#

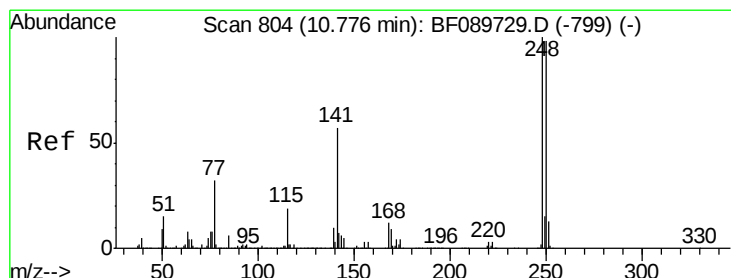
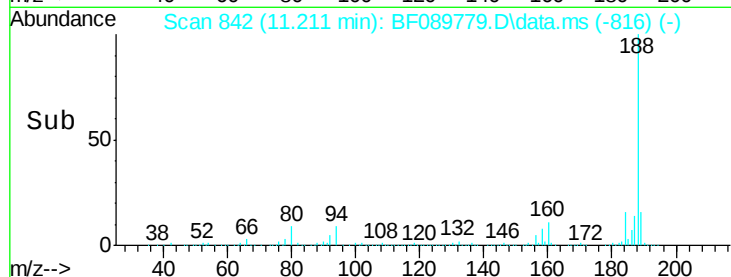
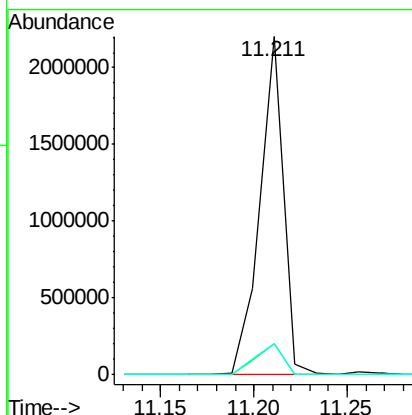
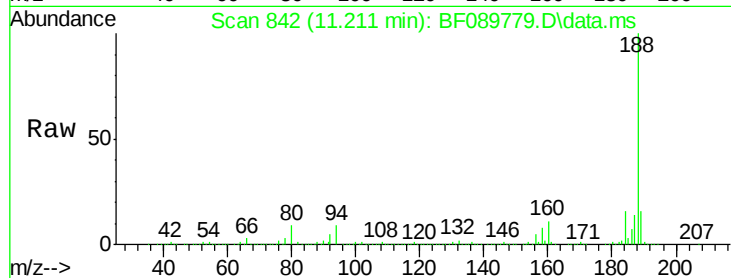




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.211 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

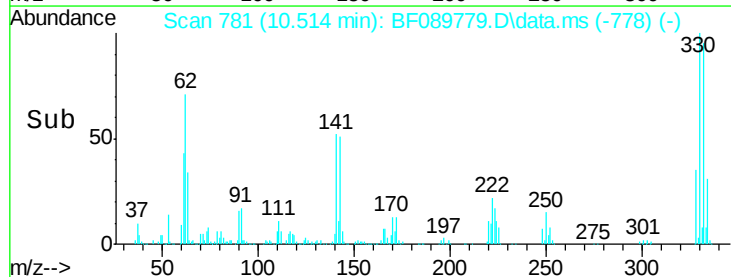
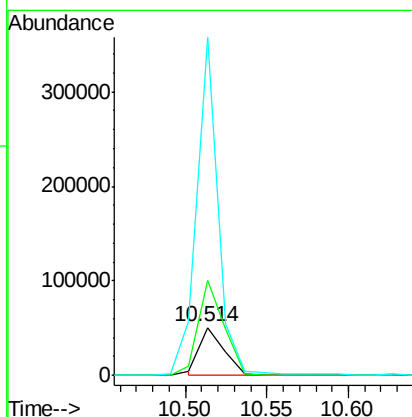
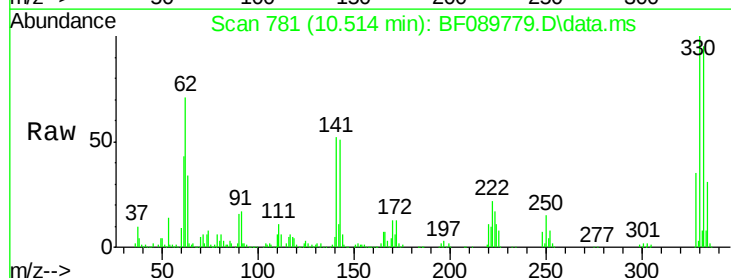
Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-4

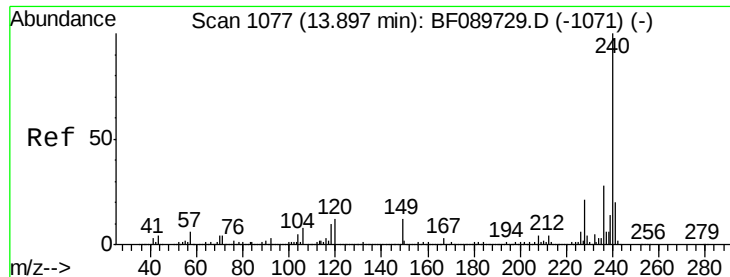
Tot Ion:188 Resp: 1951541
Ion Ratio Lower Upper
188 100
94 9.1 10.2 15.2#
80 9.2 10.9 16.3#



#66
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.514 min Scan# 781
Delta R.T. -0.263 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Tgt Ion:248 Resp: 53248
Ion Ratio Lower Upper
248 100
250 198.6 78.6 117.8#
141 702.8 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.840 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

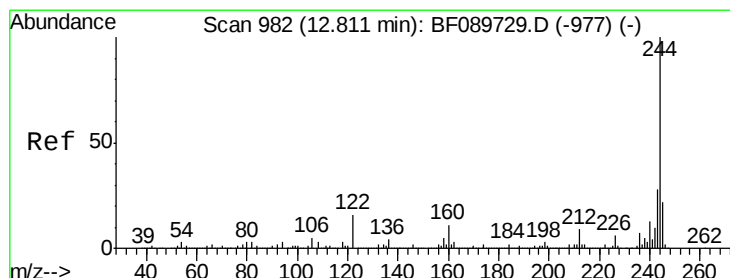
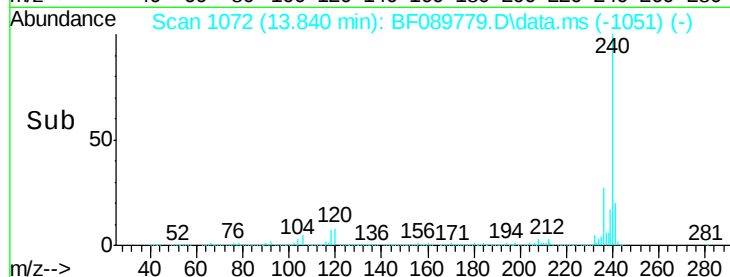
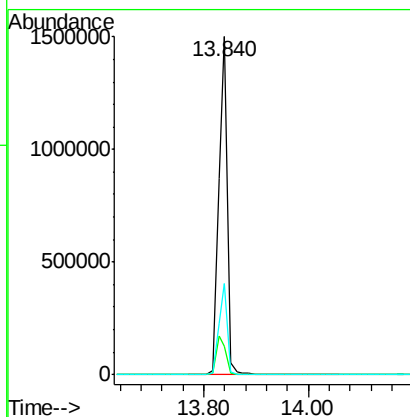
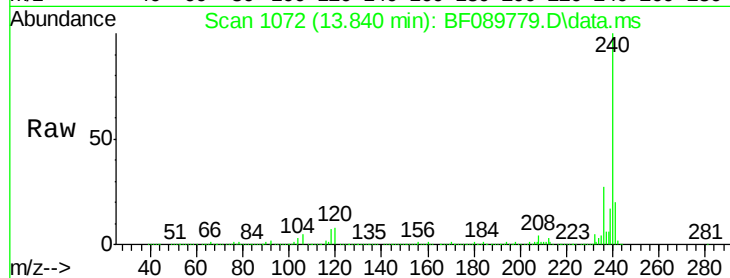
Tot Ion:240 Resp: 1710233

Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 26.8 21.3 31.9



#78

Terphenyl-d14

Concen: 62.56 ng

RT: 12.799 min Scan# 981

Delta R.T. -0.011 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

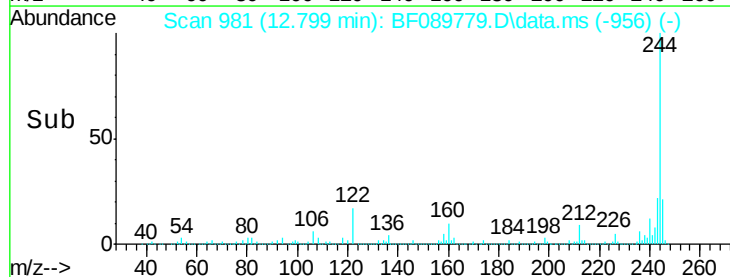
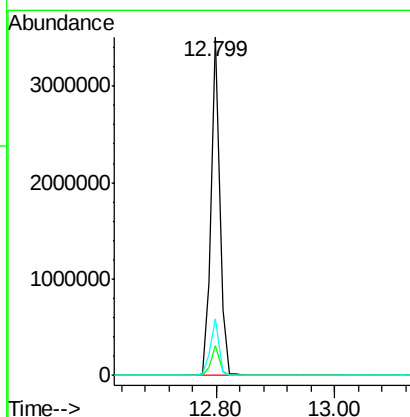
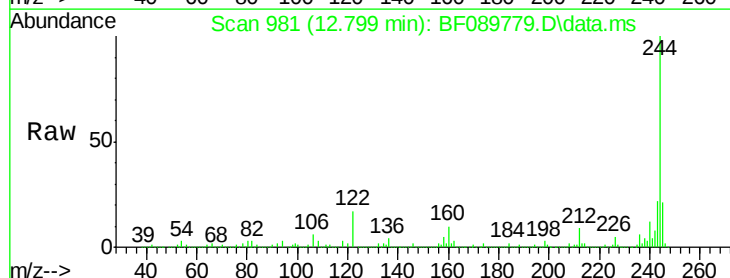
Tgt Ion:244 Resp: 3581445

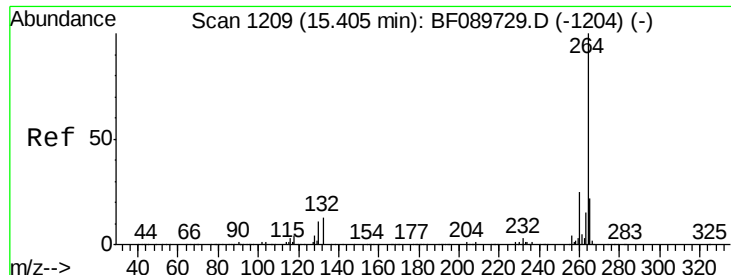
Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

122 16.7 12.0 18.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.234 min Scan# 11
 Delta R.T. -0.171 min
 Lab File: BF089779.D
 Acq: 17 Aug 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-4

Tot Ion:264 Resp: 1397583
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 22.0 17.4 26.2

