

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
 Data File : BF089364.D
 Acq On : 28 Jul 2016 13:39
 Operator : UM/SJ
 Sample : H4155-24
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-15

Quant Time: Jul 28 14:06:49 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)

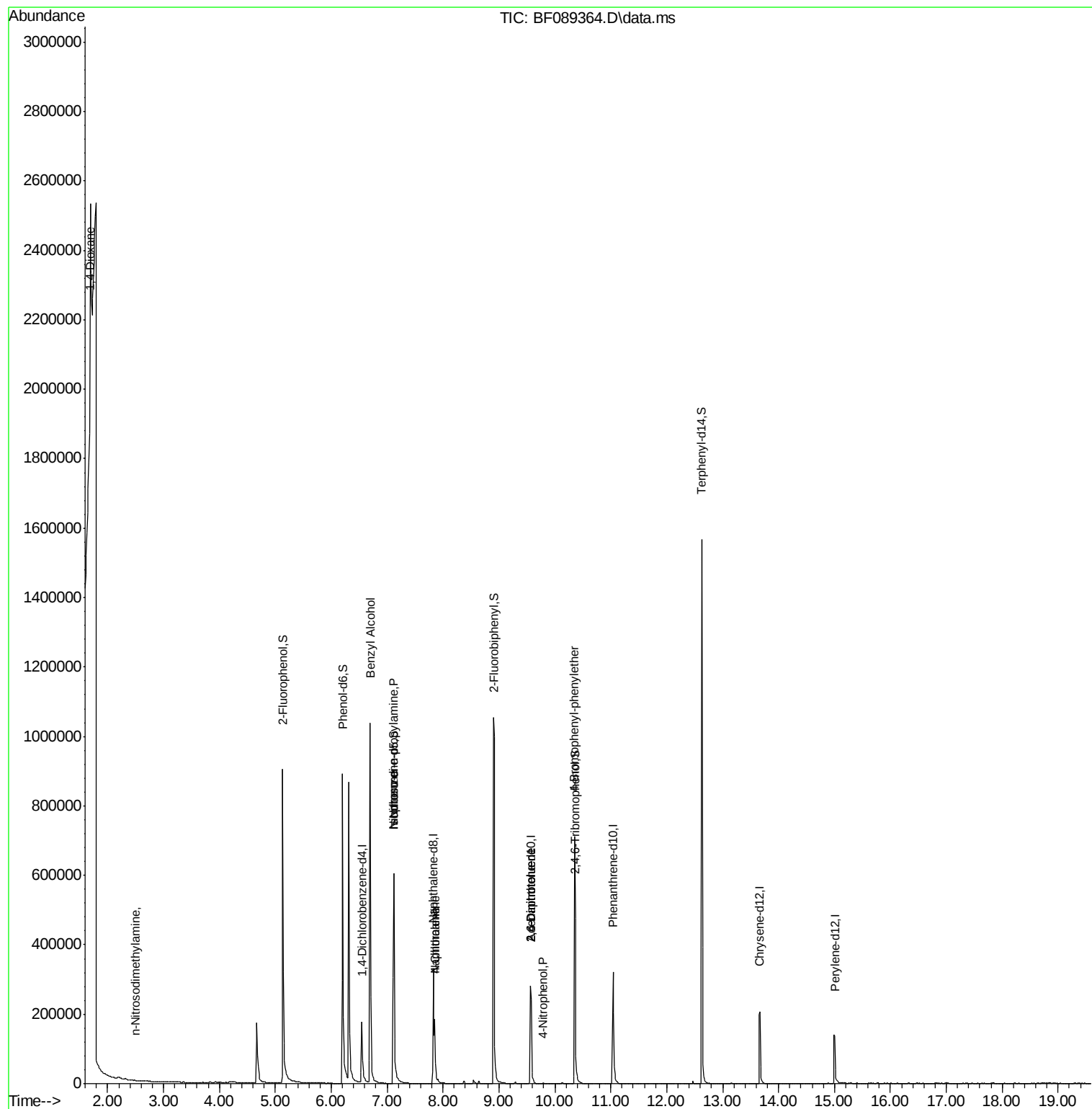
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	43321	20.00	ng	0.00
21) Naphthalene-d8	7.827	136	192227	20.00	ng	0.00
38) Acenaphthene-d10	9.565	164	86744	20.00	ng	-0.01
63) Phenanthrene-d10	11.039	188	180500	20.00	ng	-0.01
75) Chrysene-d12	13.668	240	126477	20.00	ng	0.00
86) Perylene-d12	15.005	264	94249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.130	112	330378	121.77	ng	0.02
7) Phenol-d6	6.204	99	436835	121.83	ng	0.00
23) Nitrobenzene-d5	7.119	82	318465	97.79	ng	0.00
41) 2,4,6-Tribromophenol	10.365	330	108890	151.57	ng	0.00
44) 2-Fluorobiphenyl	8.913	172	578067	97.80	ng	0.00
78) Terphenyl-d14	12.628	244	528687	97.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	1.690	88	30959	23.76	ng	# 26
4) n-Nitrosodimethylamine	2.490	42	434	8.07	ng	# 1
15) Benzyl Alcohol	6.696	79	4959	2.23	ng	# 50
19) n-Nitroso-di-n-propyla...	7.119	70	41167	19.04	ng	# 78
25) Isophorone	7.119	82	238607	36.37	ng	# 67
31) Naphthalene	7.850	128	108759	11.43	ng	100
33) 4-Chloroaniline	7.850	127	13690	3.78	ng	# 35
50) 2,6-Dinitrotoluene	9.565	165	10770	7.94	ng	# 24
55) 4-Nitrophenol	9.793	139	672	7.07	ng	# 4
56) 2,4-Dinitrotoluene	9.565	165	10770	6.03	ng	# 7
66) 4-Bromophenyl-phenylether	10.353	248	7701	4.47	ng	# 1

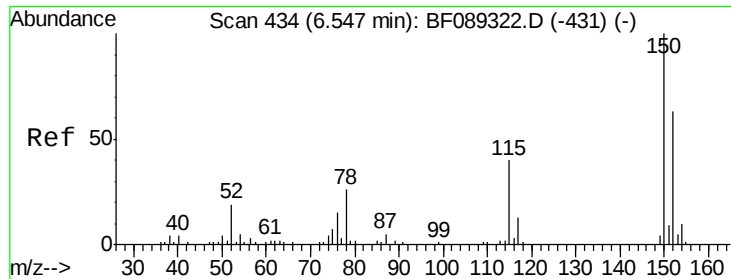
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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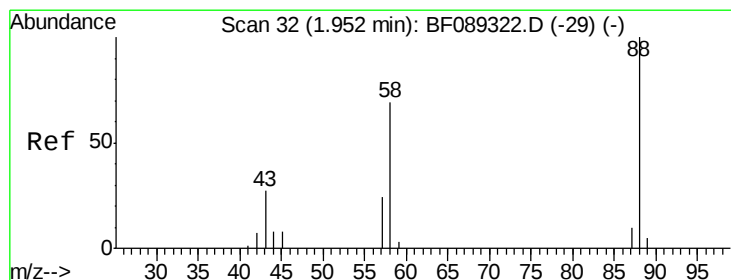
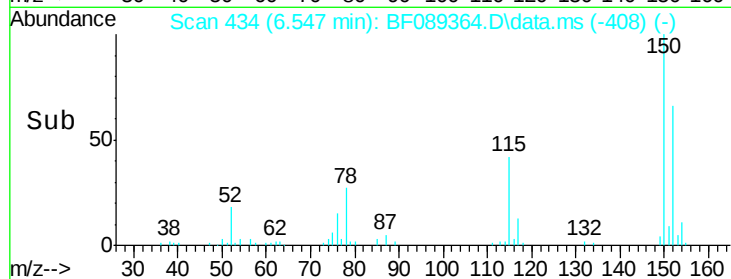
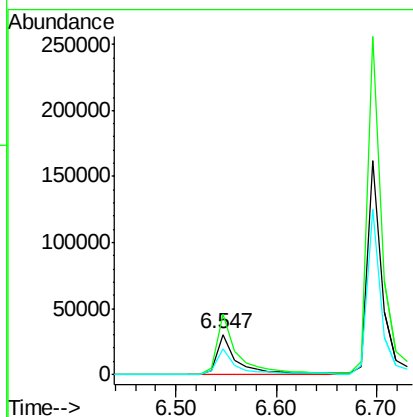
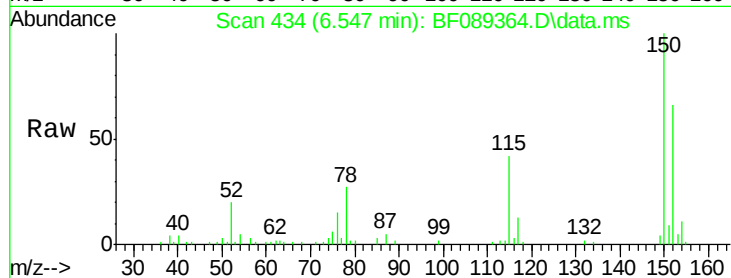




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.547 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: BF089364.D
 Acq: 28 Jul 2016 13:39

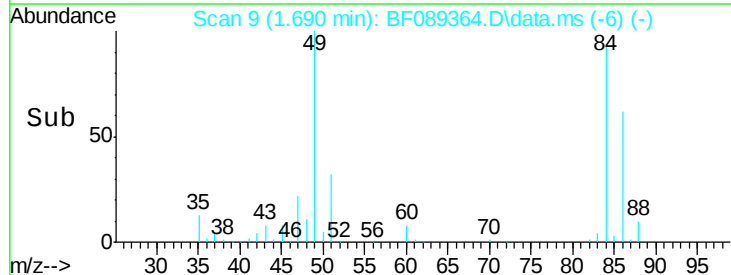
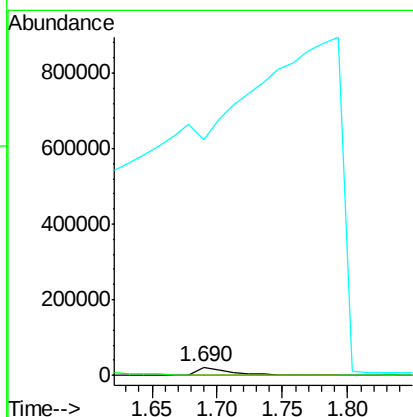
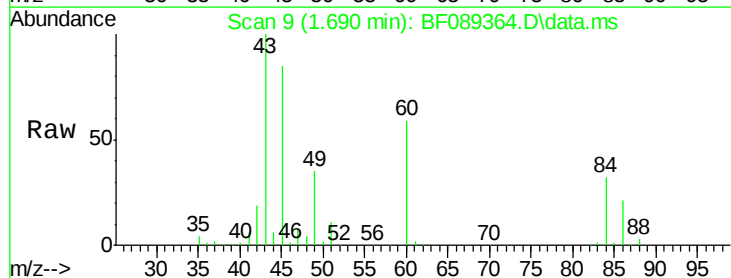
Instrument :
 BNA_F
 ClientSampled :
 I-15

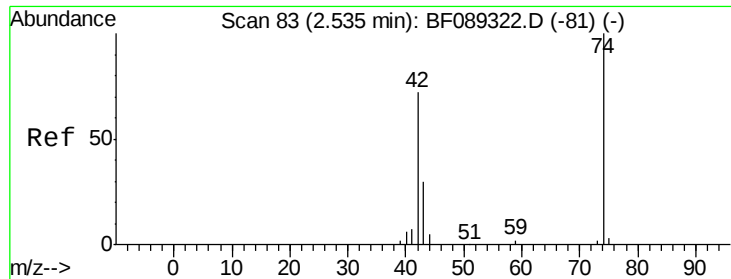
Tot Ion:152 Resp: 43321
 Ion Ratio Lower Upper
 152 100
 150 151.2 129.5 194.3
 115 63.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 23.76 ng
 RT: 1.690 min Scan# 9
 Delta R.T. -0.262 min
 Lab File: BF089364.D
 Acq: 28 Jul 2016 13:39

Tgt Ion: 88 Resp: 30959
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.2 79.8#
 43 0.0 20.6 31.0#





#4

n-Nitrosodimethylamine

Concen: 8.07 ng

RT: 2.490 min Scan# 79

Delta R.T. -0.045 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

Instrument :

BNA_F

ClientSampleId :

I-15

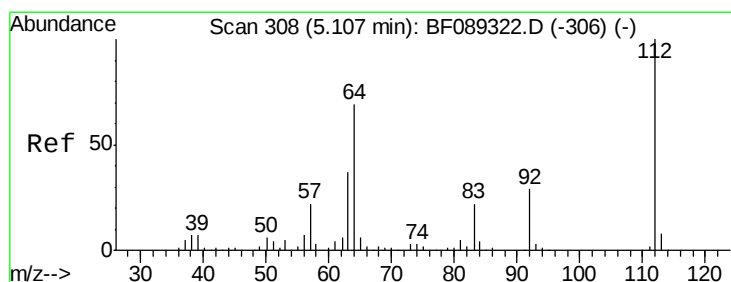
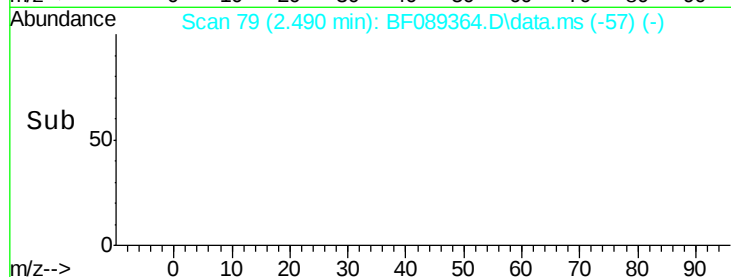
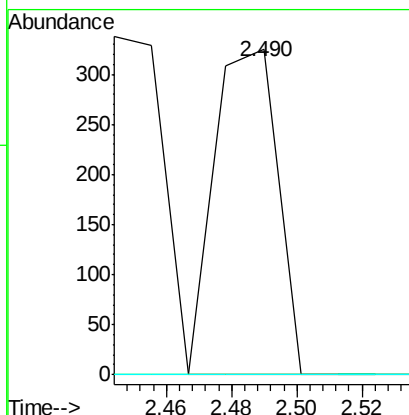
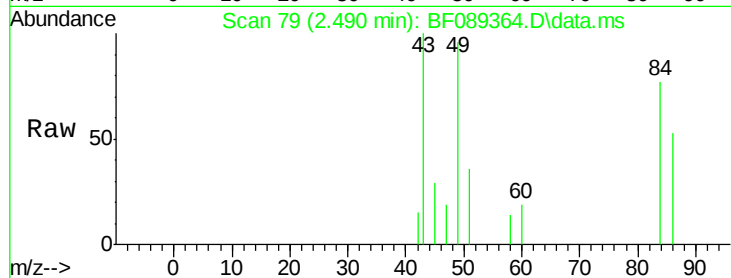
Tot Ion: 42 Resp: 434

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 121.77 ng

RT: 5.130 min Scan# 310

Delta R.T. 0.023 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

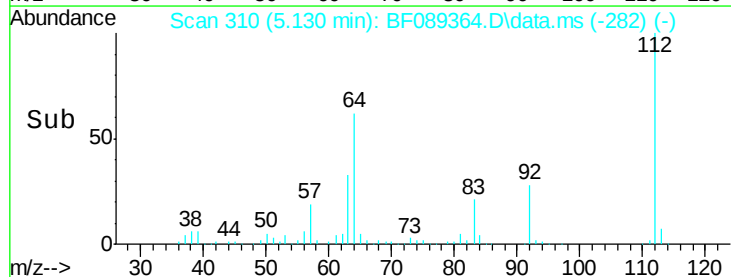
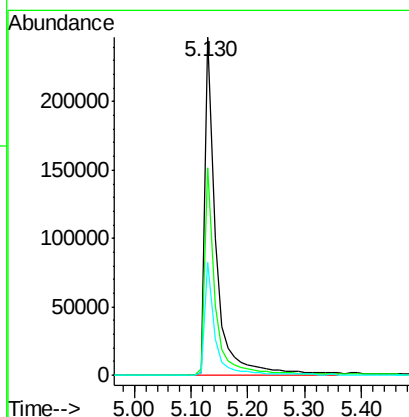
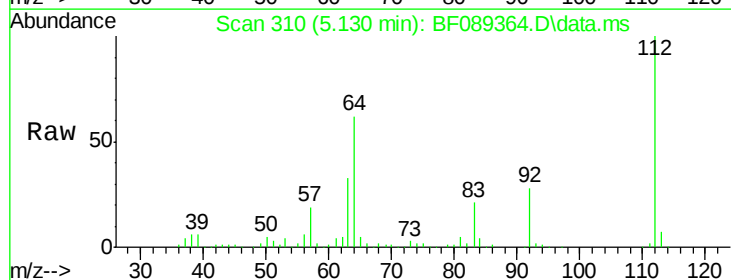
Tgt Ion: 112 Resp: 330378

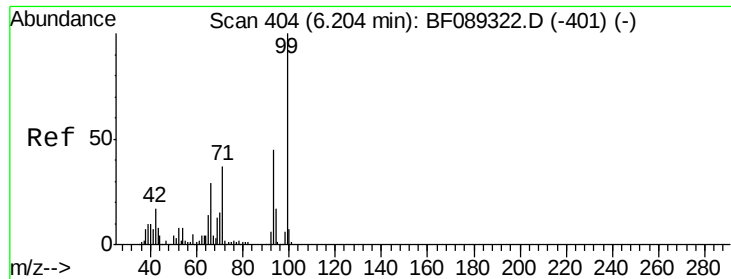
Ion Ratio Lower Upper

112 100

64 61.5 55.0 82.6

63 33.3 29.4 44.2





#7

Phenol-d6

Concen: 121.83 ng

RT: 6.204 min Scan# 404

Delta R.T. 0.000 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

Instrument :

BNA_F

ClientSampleId :

I-15

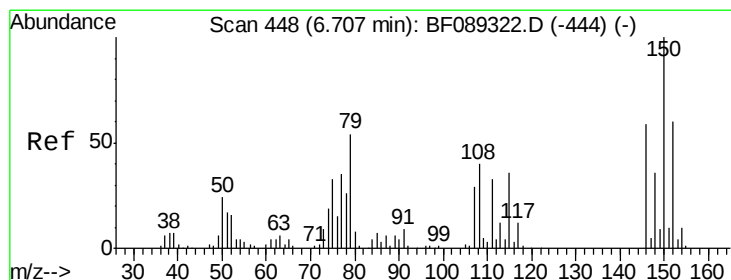
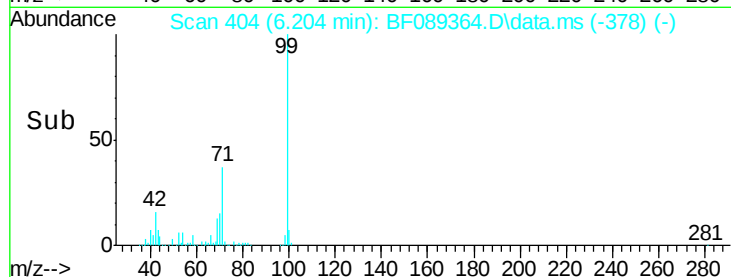
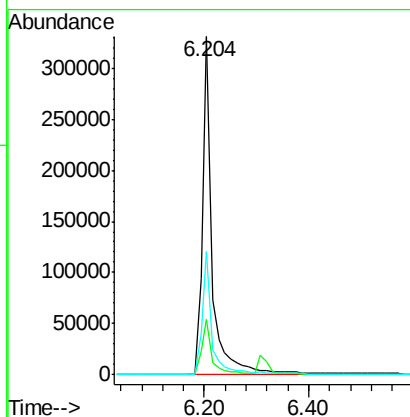
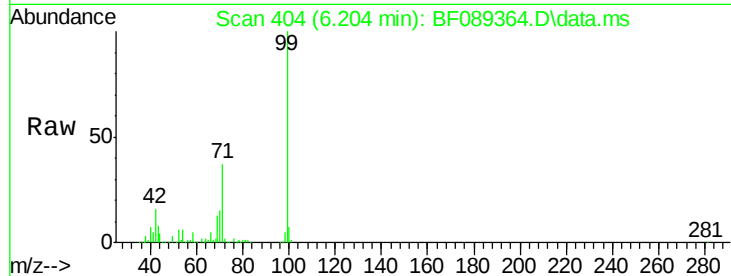
Tot Ion: 99 Resp: 436835

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 36.6 29.4 44.2



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.696 min Scan# 447

Delta R.T. -0.011 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

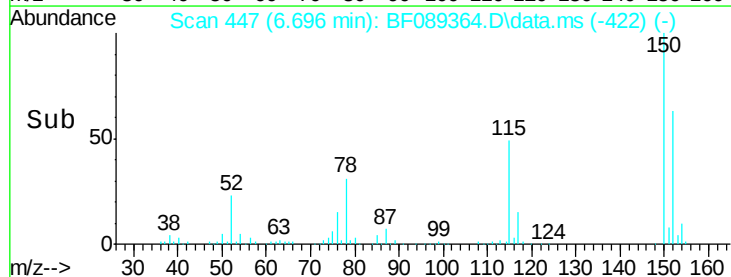
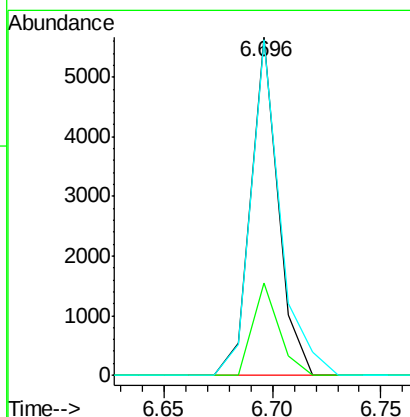
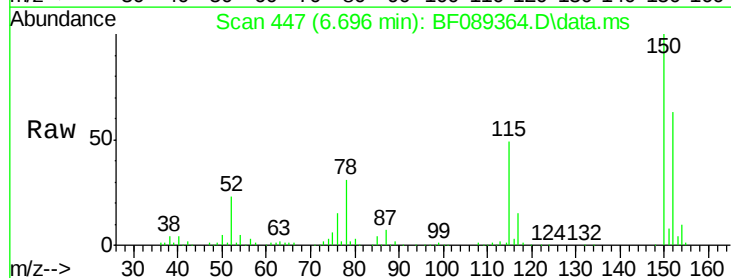
Tgt Ion: 79 Resp: 4959

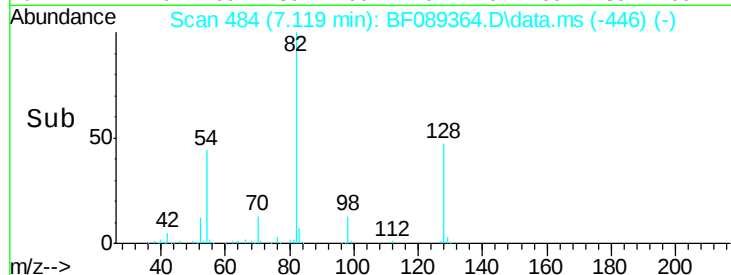
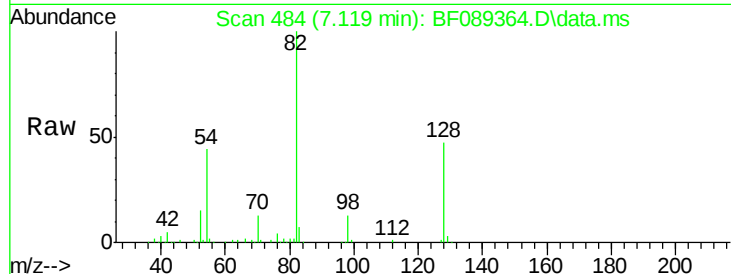
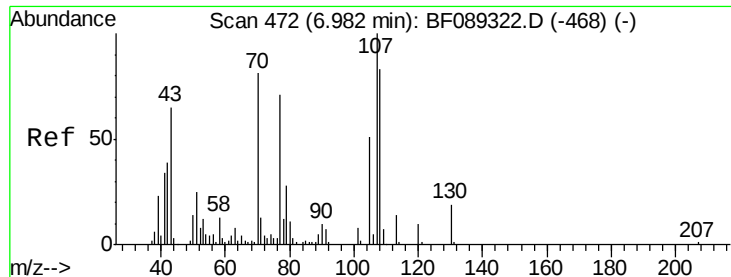
Ion Ratio Lower Upper

79 100

108 27.3 59.8 89.6#

77 99.4 51.7 77.5#

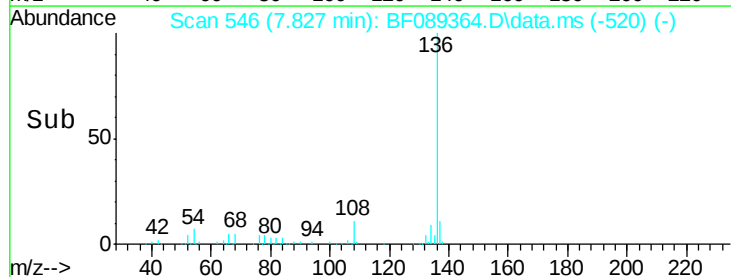
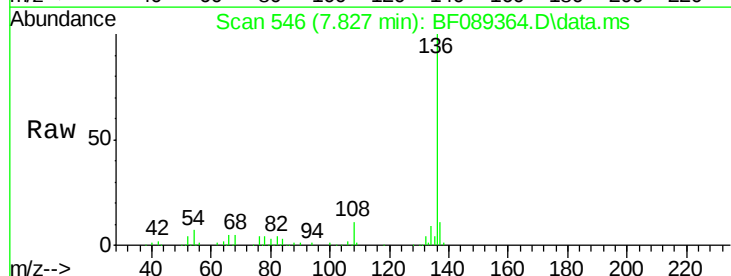
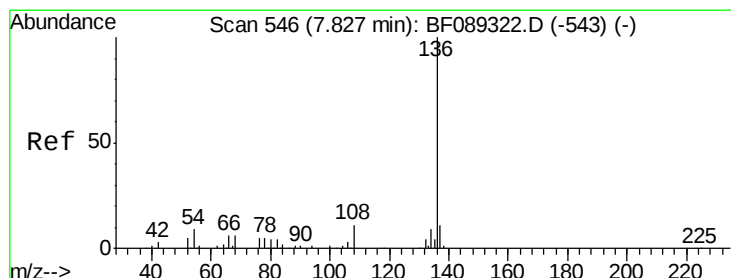
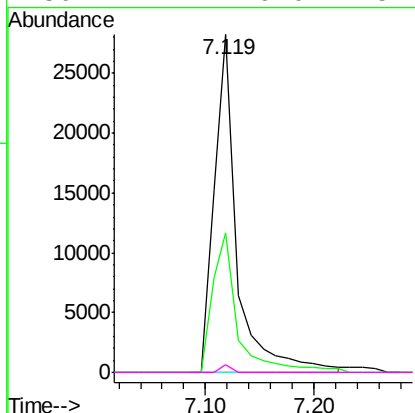




#19
n-Nitroso-di-n-propylamine
Concen: 19.04 ng
RT: 7.119 min Scan# 48
Delta R.T. 0.137 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

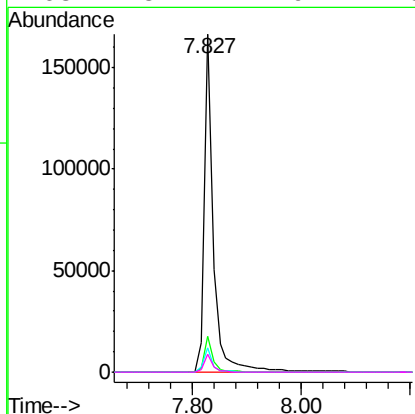
Instrument :
BNA_F
ClientSampleId :
I-15

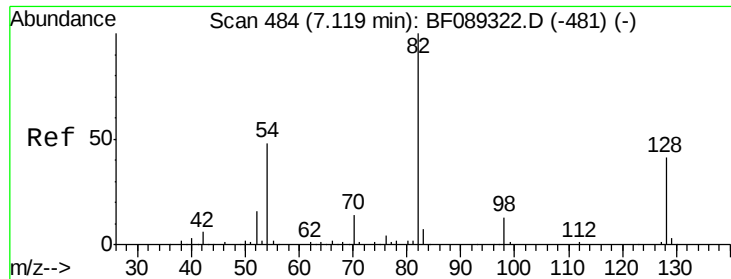
Tot Ion: 70 Resp: 41167
Ion Ratio Lower Upper
70 100
42 41.2 38.6 57.8
101 0.0 8.3 12.5#
130 2.2 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.827 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

Tgt Ion: 136 Resp: 192227
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.2 7.0 10.4
68 5.4 4.9 7.3

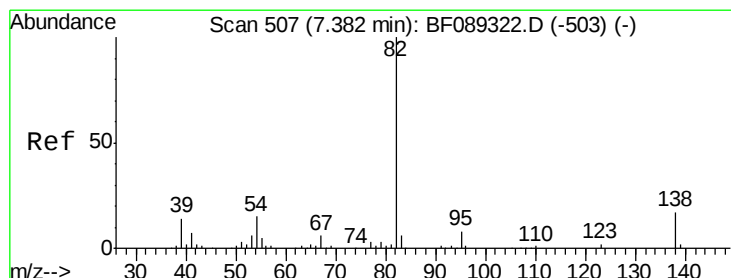
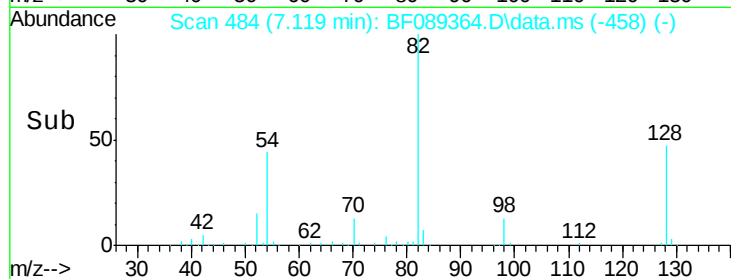
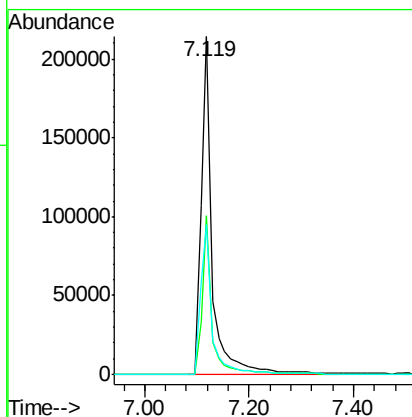
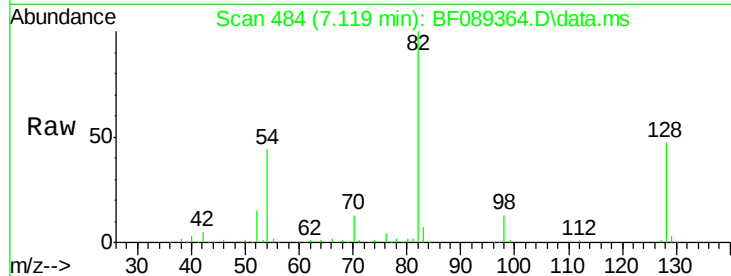




#23
Nitrobenzene-d5
Concen: 97.79 ng
RT: 7.119 min Scan# 481
Delta R.T. 0.000 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

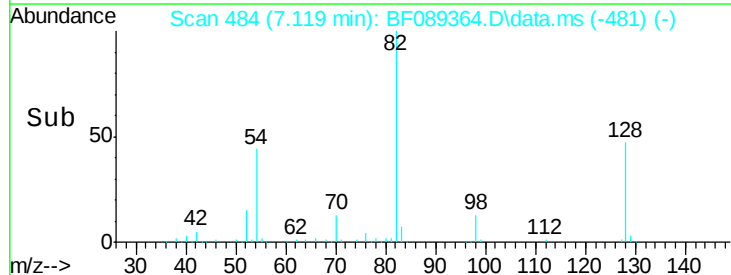
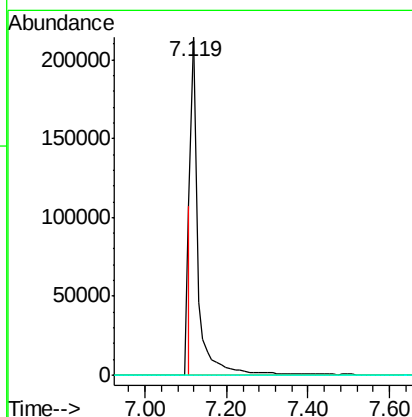
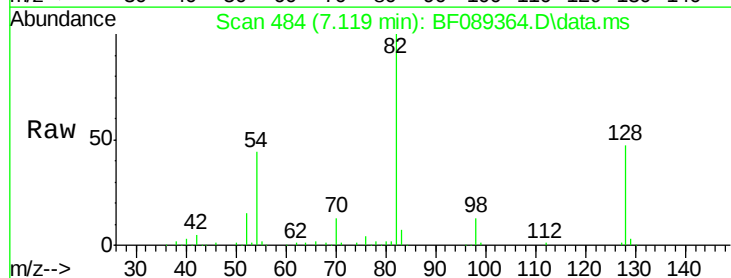
Instrument :
BNA_F
ClientSampleId :
I-15

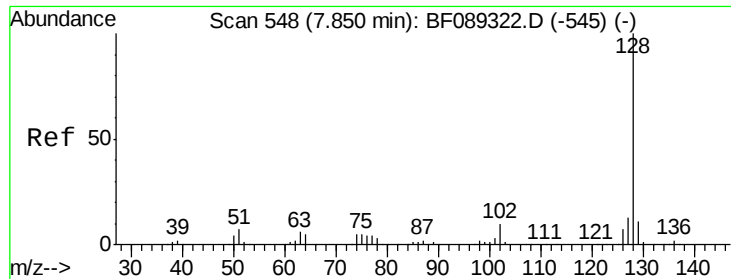
Tot Ion	82	Resp	318465
Ion Ratio	100	Lower	Upper
128	47.1	32.5	48.7
54	44.5	38.8	58.2



#25
Isophorone
Concen: 36.37 ng
RT: 7.119 min Scan# 484
Delta R.T. -0.263 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

Tgt Ion	82	Resp	238607
Ion Ratio	100	Lower	Upper
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#

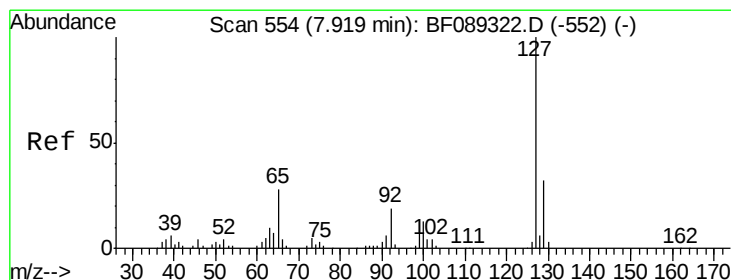
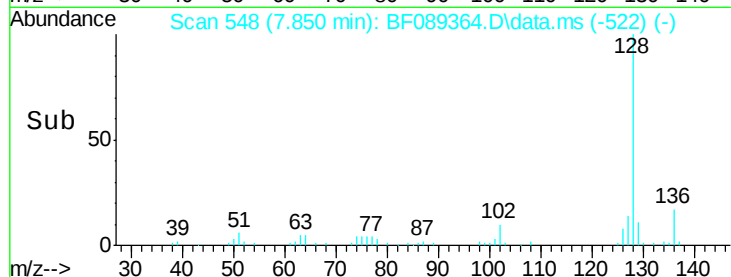
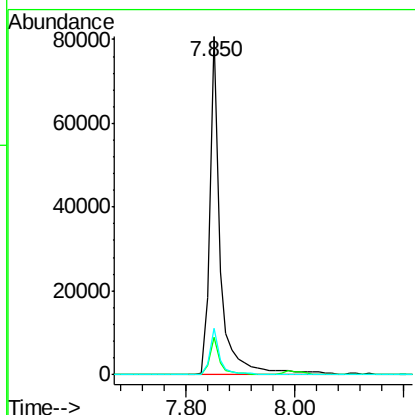
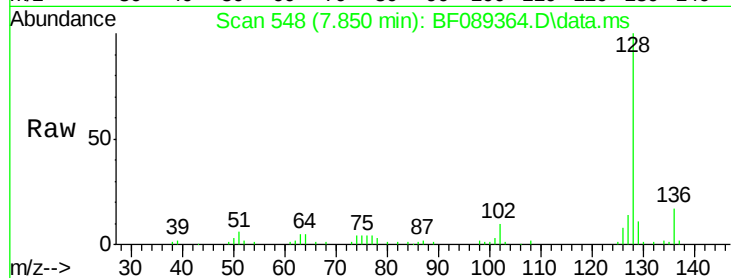




#31
Naphthalene
Concen: 11.43 ng
RT: 7.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

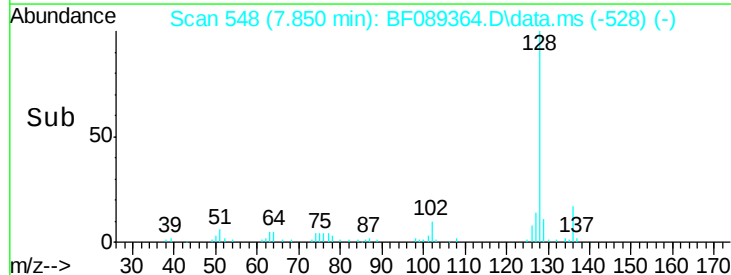
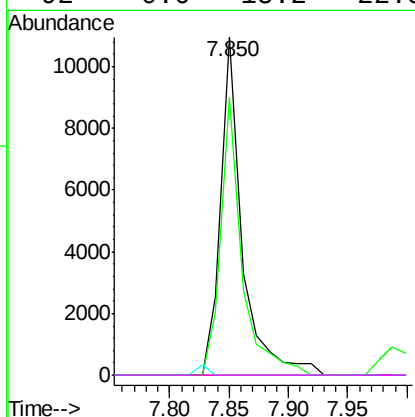
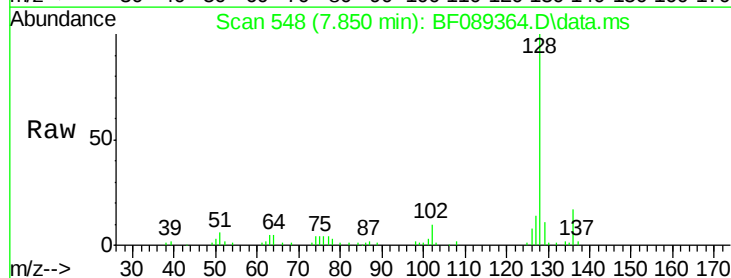
Instrument :
BNA_F
ClientSampleId :
I-15

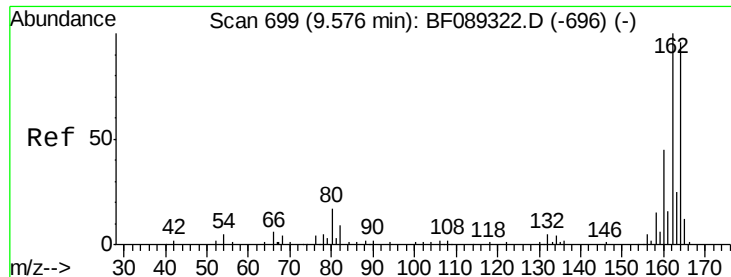
Tot Ion:128 Resp: 108759
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.8 16.2



#33
4-Chloroaniline
Concen: 3.78 ng
RT: 7.850 min Scan# 548
Delta R.T. -0.069 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

Tgt Ion:127 Resp: 13690
Ion Ratio Lower Upper
127 100
129 82.1 26.1 39.1#
65 0.0 22.0 33.0#
92 0.0 15.2 22.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.565 min Scan# 69

Delta R.T. -0.011 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

Instrument :

BNA_F

ClientSampleId :

I-15

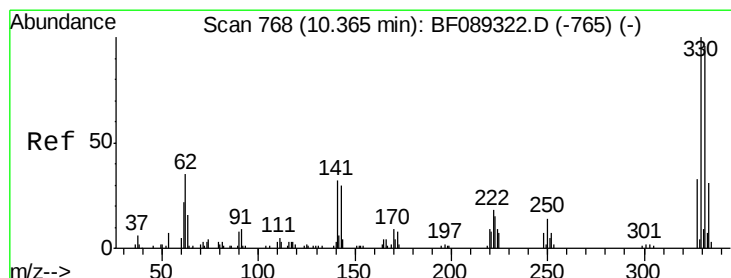
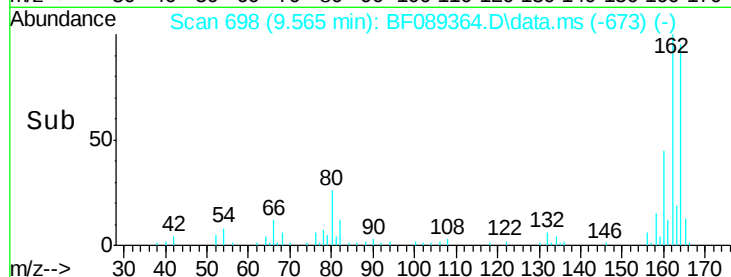
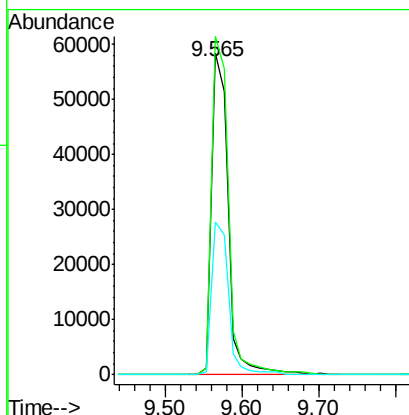
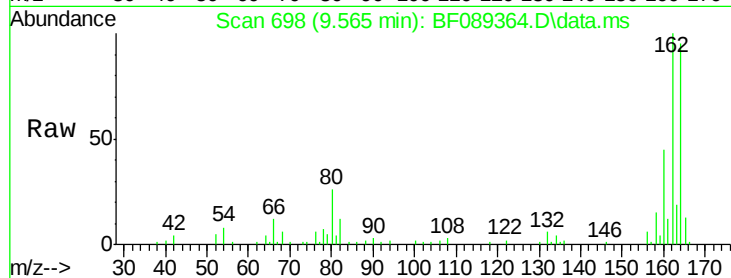
Tot Ion:164 Resp: 86744

Ion Ratio Lower Upper

164 100

162 105.2 83.7 125.5

160 47.4 37.8 56.6



#41

2,4,6-Tribromophenol

Concen: 151.57 ng

RT: 10.365 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

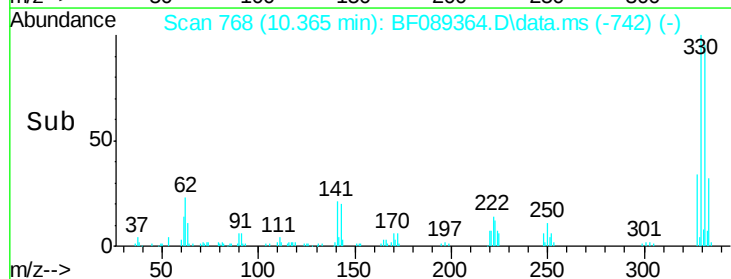
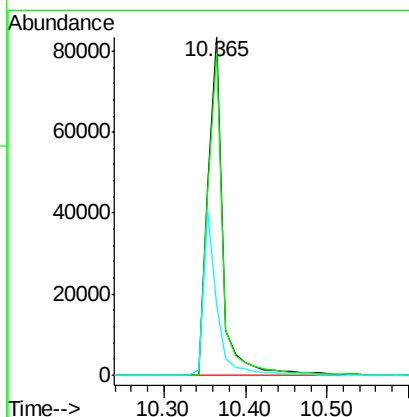
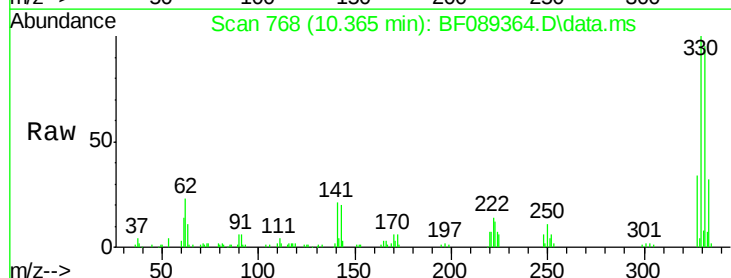
Tgt Ion:330 Resp: 108890

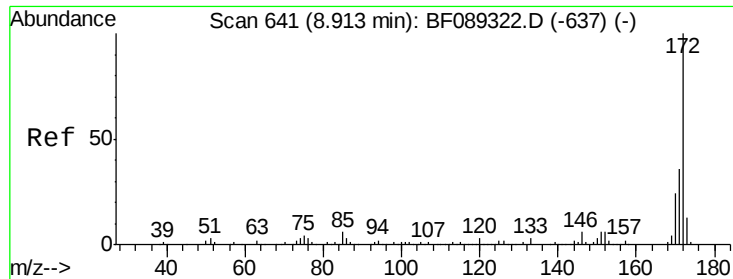
Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 44.6 37.3 55.9

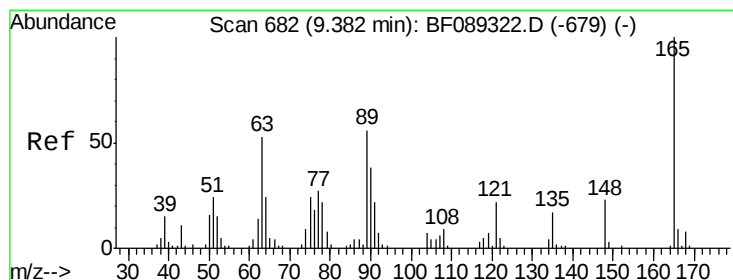
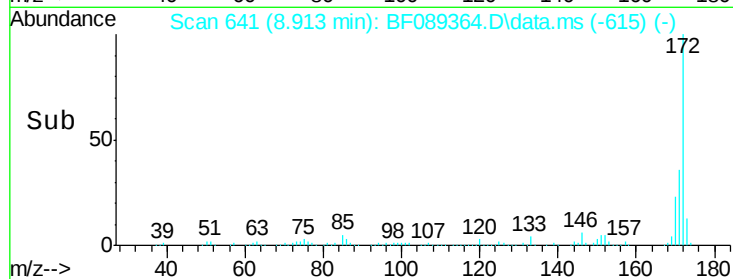
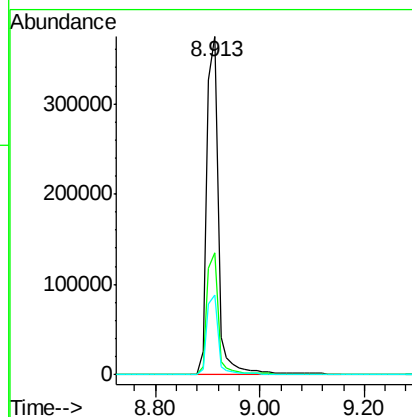
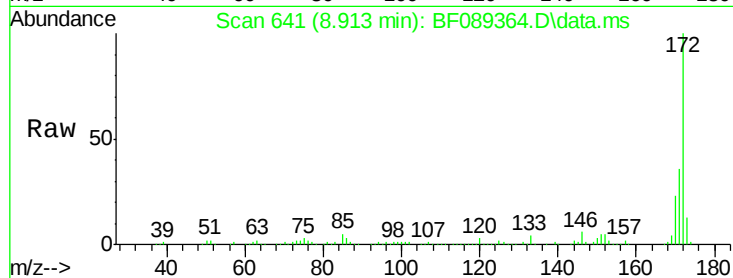




#44
 2-Fluorobiphenyl
 Concen: 97.80 ng
 RT: 8.913 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: BF089364.D
 Acq: 28 Jul 2016 13:39

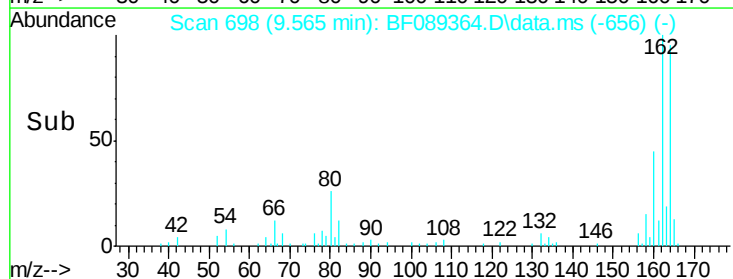
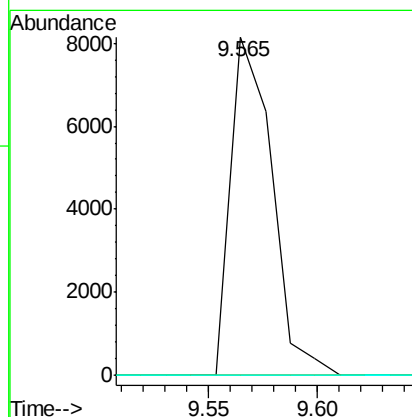
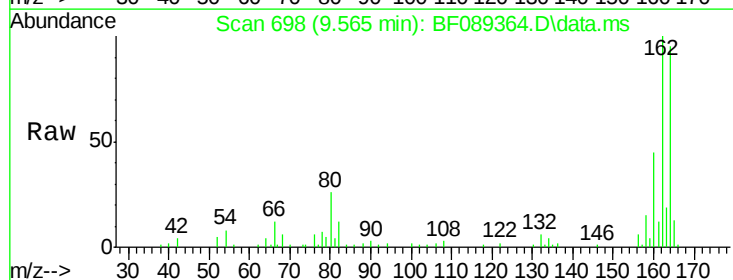
Instrument :
 BNA_F
 ClientSampleId :
 I-15

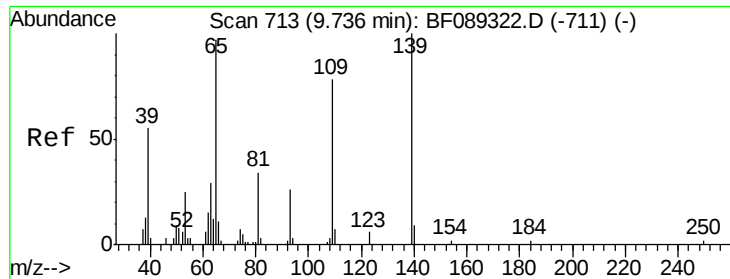
Tot Ion:172 Resp: 578067
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.565 min Scan# 698
 Delta R.T. 0.183 min
 Lab File: BF089364.D
 Acq: 28 Jul 2016 13:39

Tgt Ion:165 Resp: 10770
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

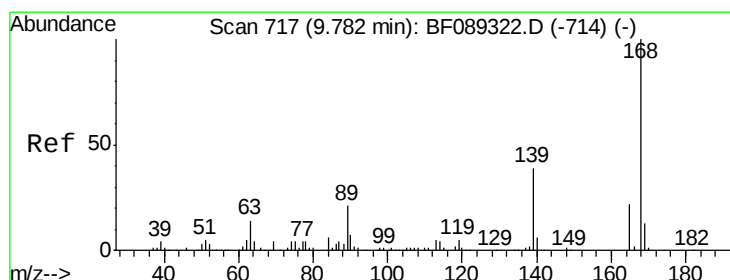
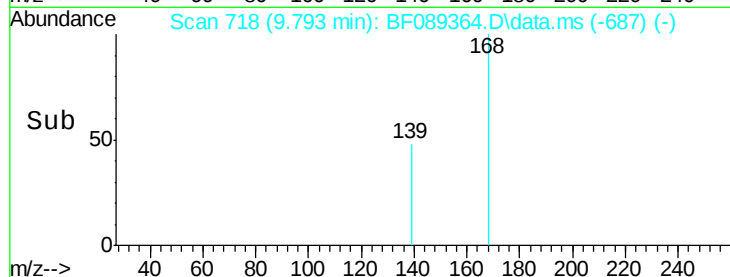
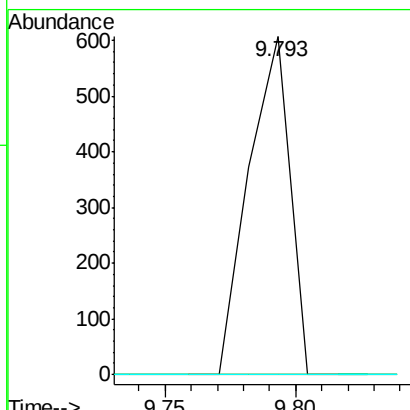
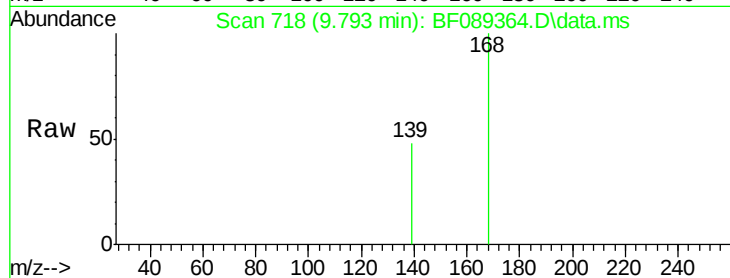




#55
4-Nitrophenol
Concen: 7.07 ng
RT: 9.793 min Scan# 71
Delta R.T. 0.057 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

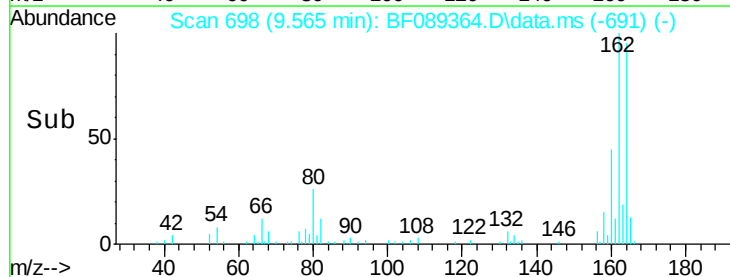
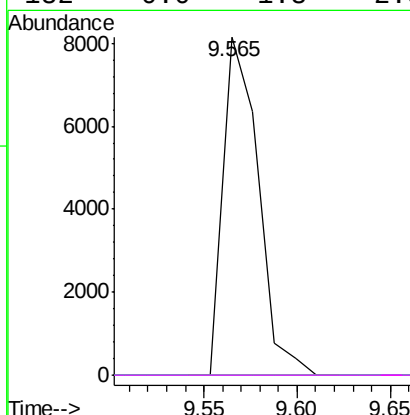
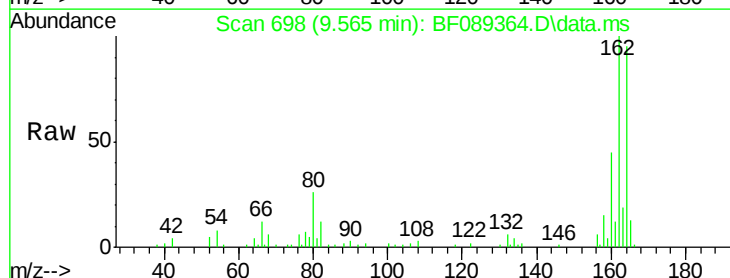
Instrument :
BNA_F
ClientSampleId :
I-15

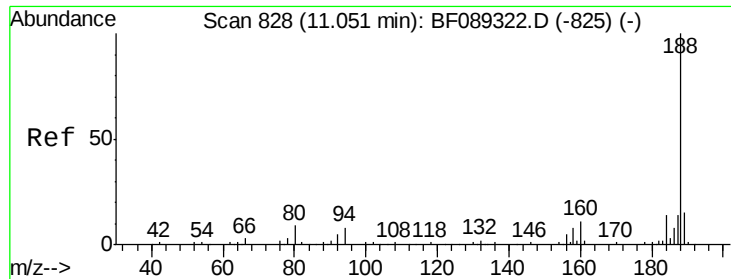
Tot Ion:139 Resp: 672
Ion Ratio Lower Upper
139 100
109 0.0 57.8 97.8#
65 0.0 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.565 min Scan# 698
Delta R.T. -0.217 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

Tgt Ion:165 Resp: 10770
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#

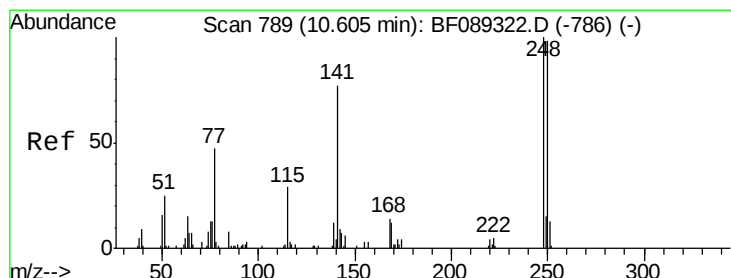
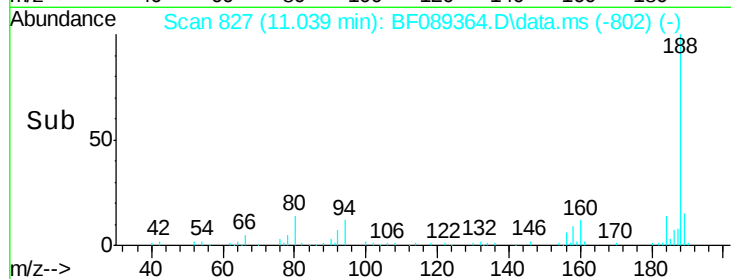
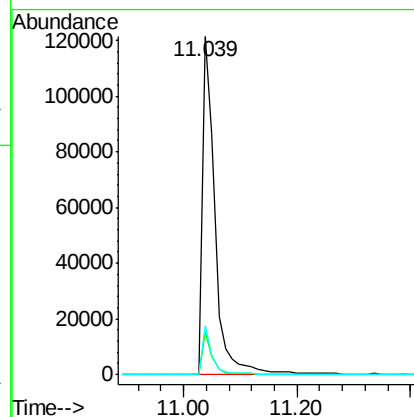
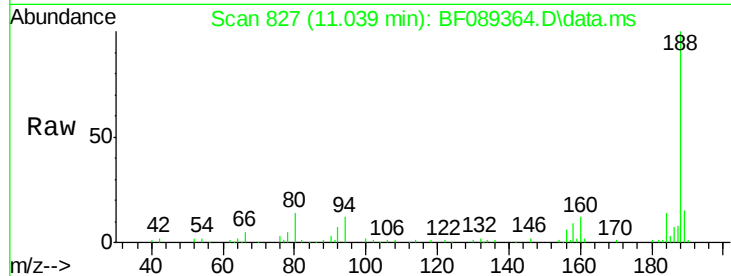




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.039 min Scan# 82
Delta R.T. -0.011 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

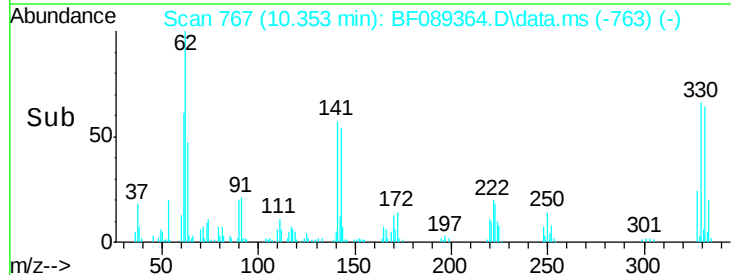
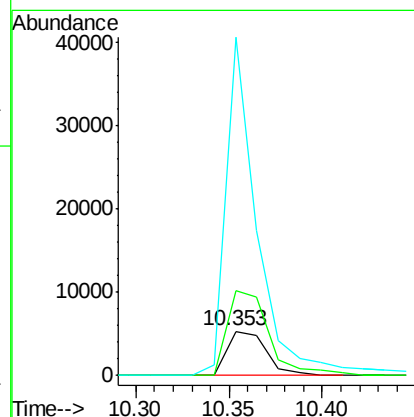
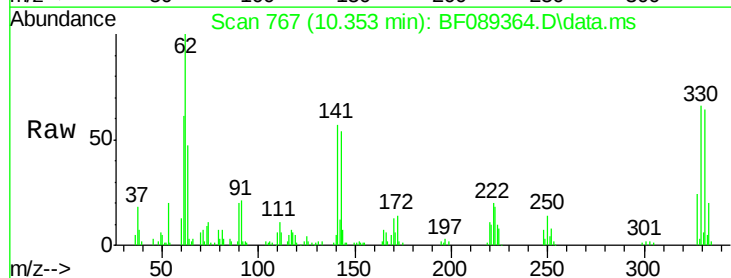
Instrument :
BNA_F
ClientSampleId :
I-15

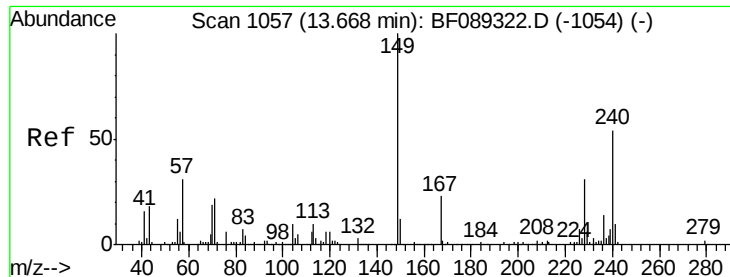
Tot Ion:188 Resp: 180500
Ion Ratio Lower Upper
188 100
94 12.4 6.5 9.7#
80 14.5 7.2 10.8#



#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.353 min Scan# 767
Delta R.T. -0.251 min
Lab File: BF089364.D
Acq: 28 Jul 2016 13:39

Tgt Ion:248 Resp: 7701
Ion Ratio Lower Upper
248 100
250 191.8 78.2 117.2#
141 767.8 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: BF089364.D

Acq: 28 Jul 2016 13:39

Instrument :

BNA_F

ClientSampleId :

I-15

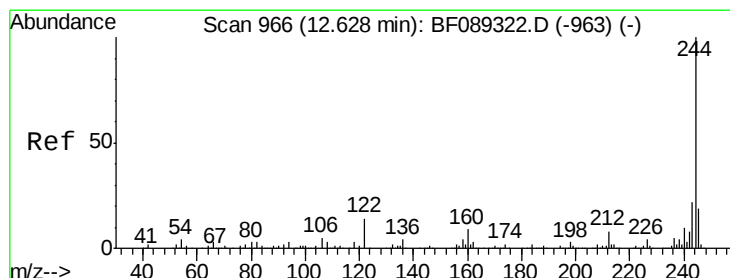
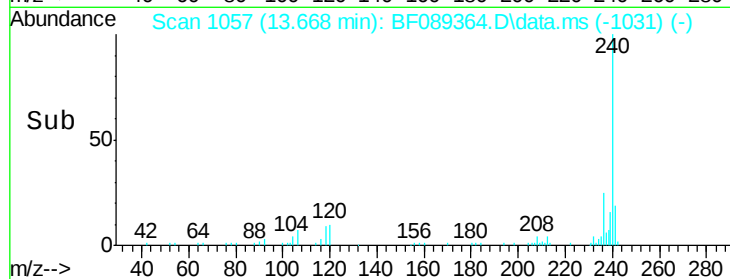
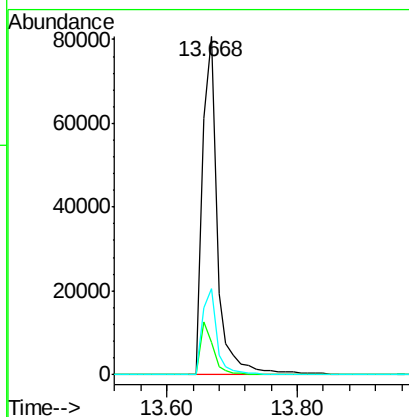
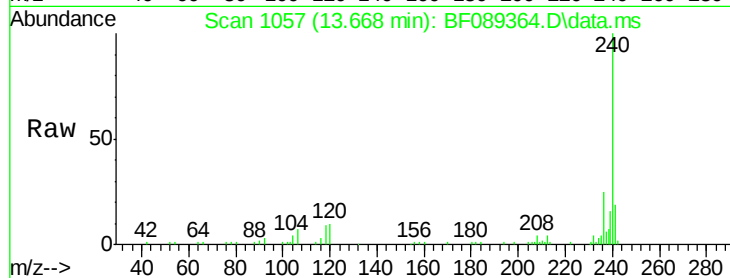
Tot Ion:240 Resp: 126477

Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

236 25.5 20.6 30.8



#78

Terphenyl-d14

Concen: 97.83 ng

RT: 12.628 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF089364.D

Acq: 28 Jul 2016 13:39

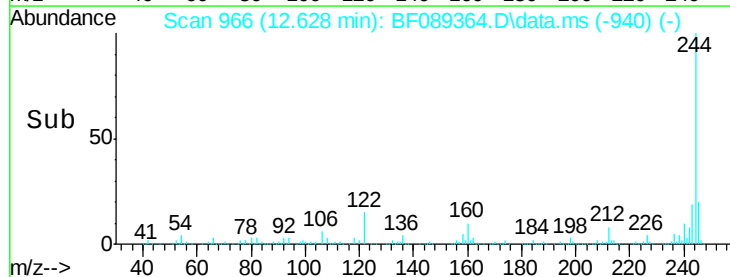
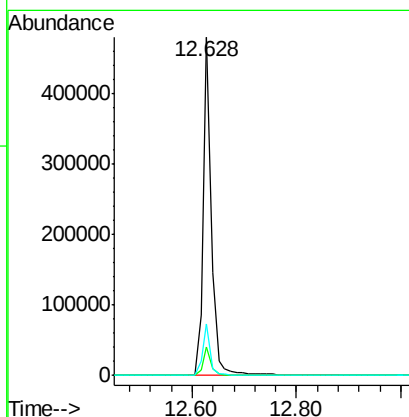
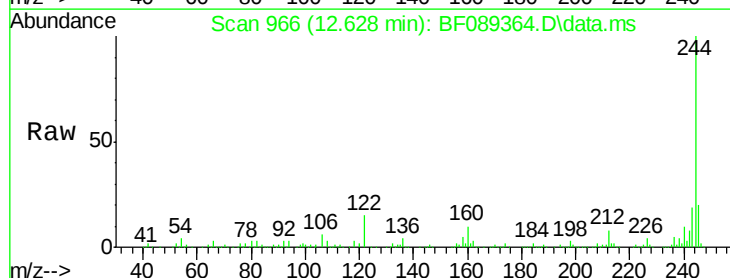
Tgt Ion:244 Resp: 528687

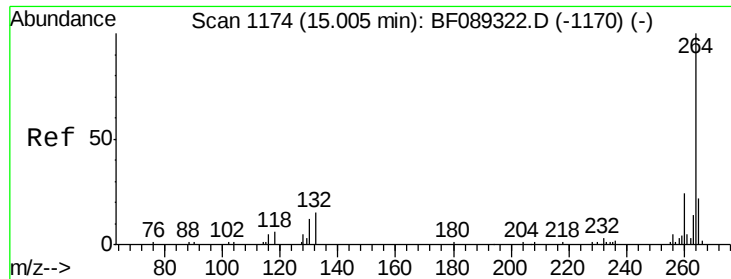
Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 15.0 11.4 17.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.005 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF089364.D
 Acq: 28 Jul 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 I-15

Tot Ion:264 Resp: 94249
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.4 17.5 26.3

