

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080064.D
 Acq On : 19 Jun 2015 18:27
 Operator : TP/IZ
 Sample : G2697-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4

Quant Time: Jun 19 23:26:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

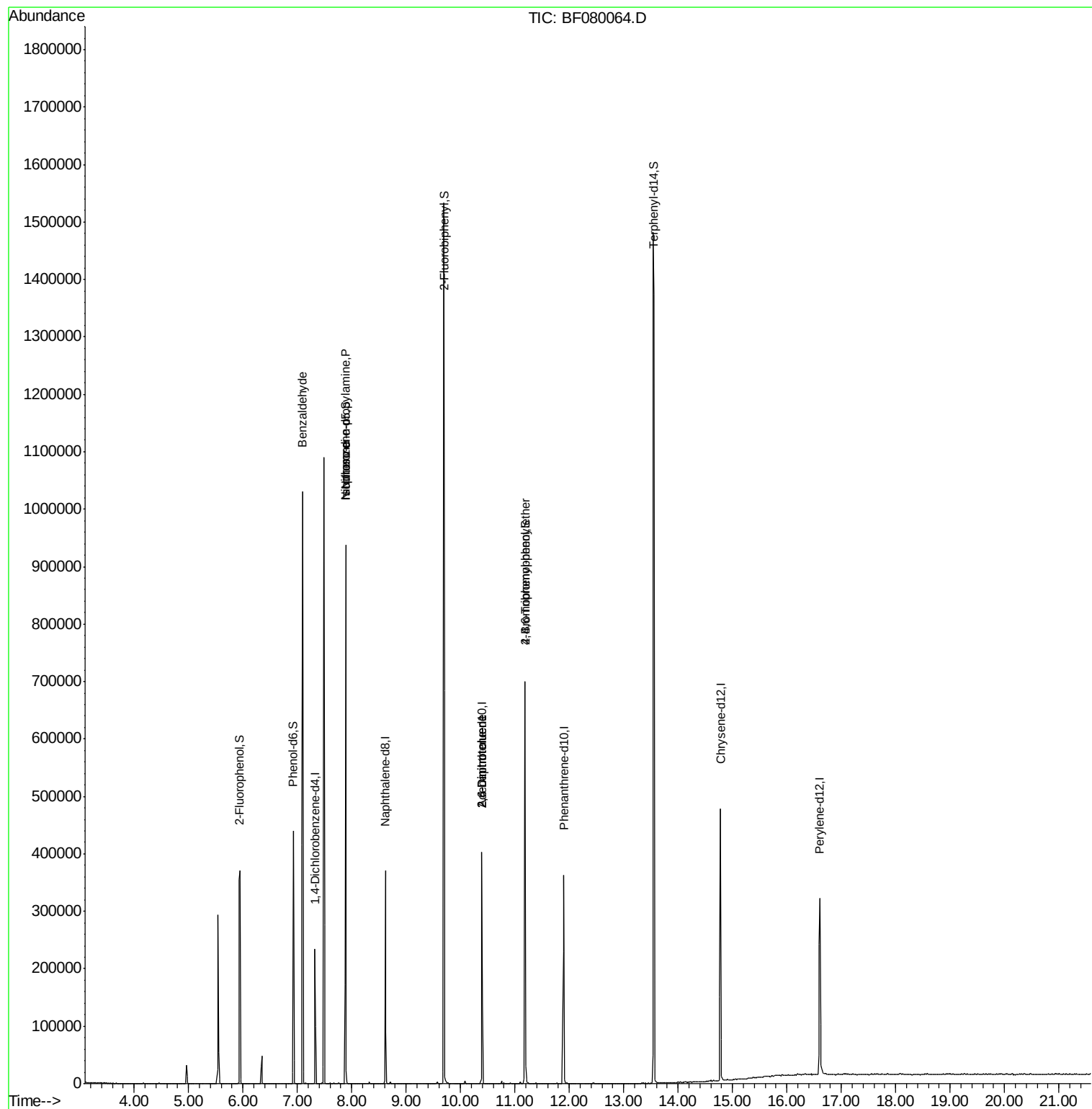
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	38471	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	158830	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	82422	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	170640	20.00	ng	-0.01
75) Chrysene-d12	14.78	240	195183	20.00	ng	-0.08
86) Perylene-d12	16.61	264	190215	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	147114	67.69	ng	0.00
7) Phenol-d6	6.93	99	128507	44.43	ng	-0.01
23) Nitrobenzene-d5	7.89	82	270322	99.08	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	121001	150.13	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	536386	92.81	ng	-0.01
78) Terphenyl-d14	13.56	244	719110	86.05	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.10	77	6427	3.85	ng	# 67
19) n-Nitroso-di-n-propylamine	7.89	70	33932	16.90	ng	# 60
25) Isophorone	7.89	82	270311	49.23	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	10551	8.49	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	10548	6.69	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	8455	4.66	ng	# 1

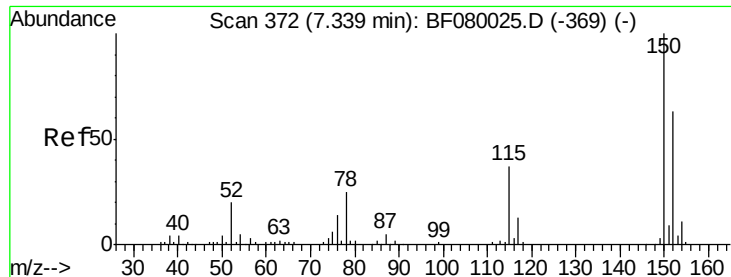
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

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ClientSampleId :

SP15-LF3MW4

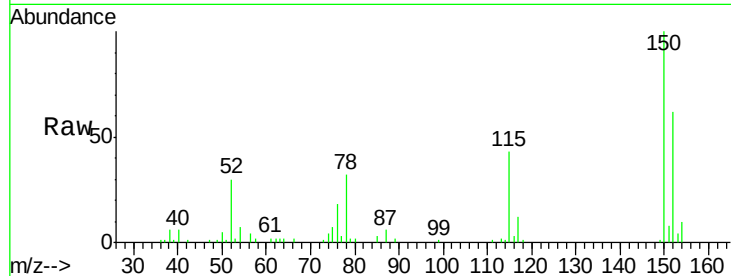
Tgt Ion:152 Resp: 38471

Ion Ratio Lower Upper

152 100

150 160.1 124.7 187.1

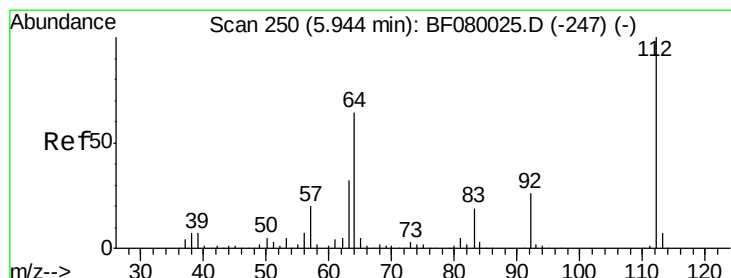
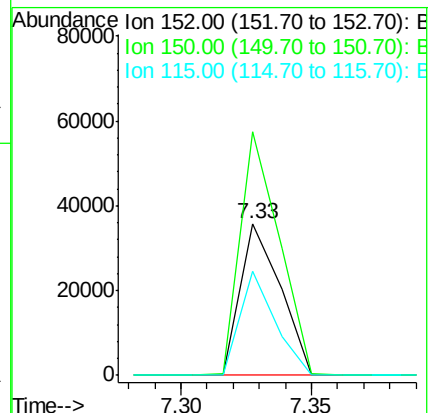
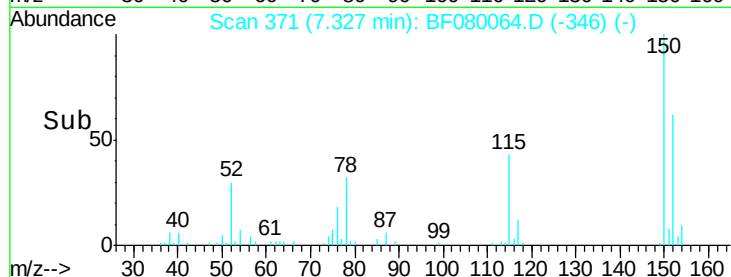
115 68.5 39.0 58.4#



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: 67.69 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080064.D

Acq: 19 Jun 2015 18:27

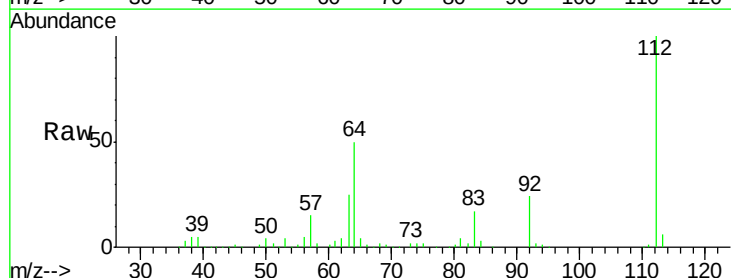
Tgt Ion:112 Resp: 147114

Ion Ratio Lower Upper

112 100

64 50.1 39.7 59.5

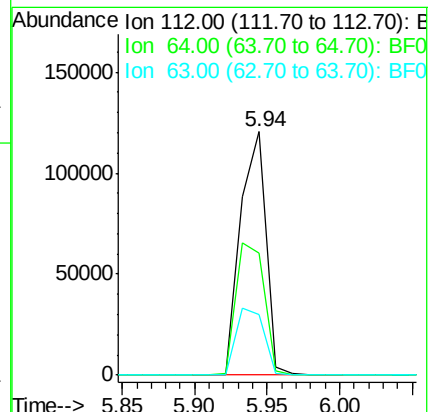
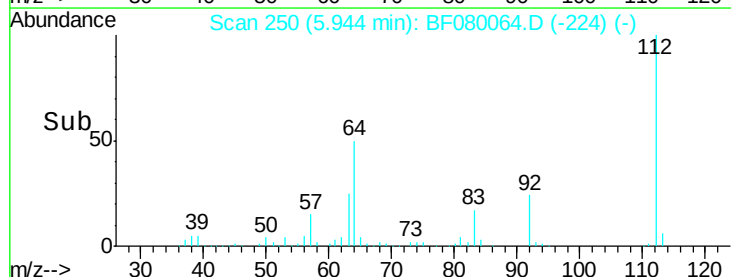
63 24.8 17.4 26.0

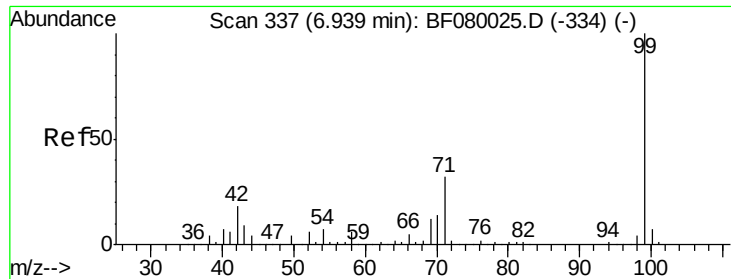


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.43 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080064.D

Acq: 19 Jun 2015 18:27

Instrument :

BNA_F

ClientSampleId :

SP15-LF3MW4

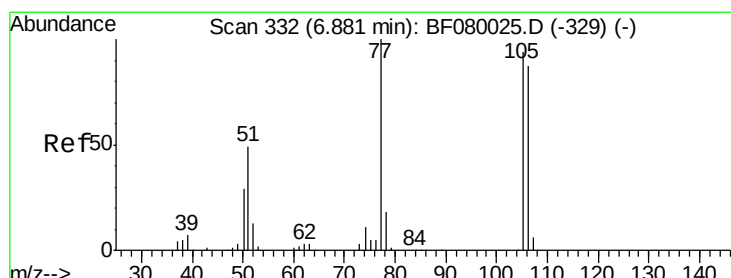
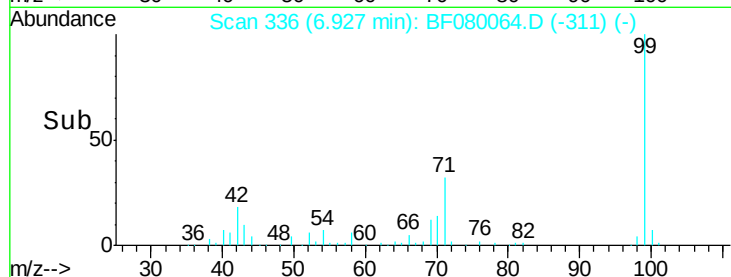
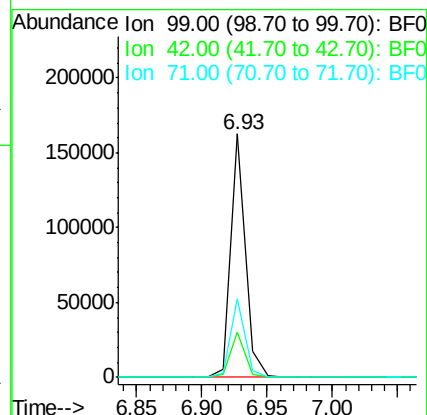
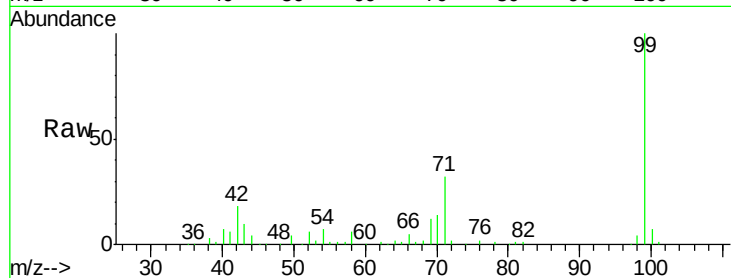
Tgt Ion: 99 Resp: 128507

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 32.0 14.2 21.2#



#9

Benzaldehyde

Concen: 3.85 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.22 min

Lab File: BF080064.D

Acq: 19 Jun 2015 18:27

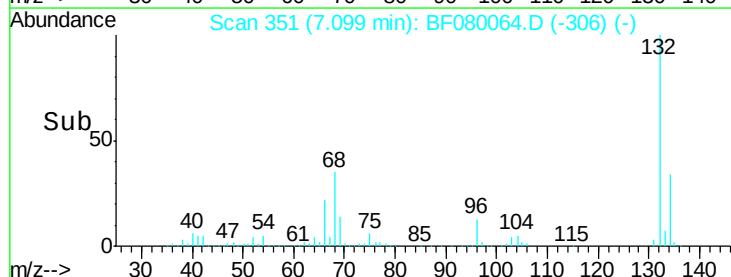
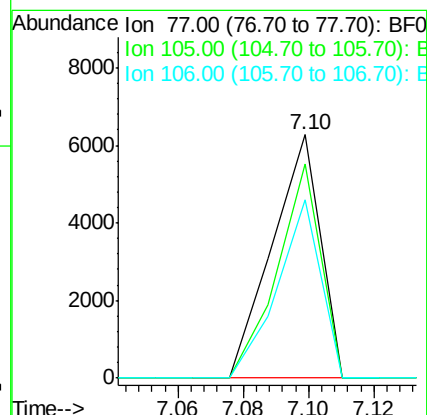
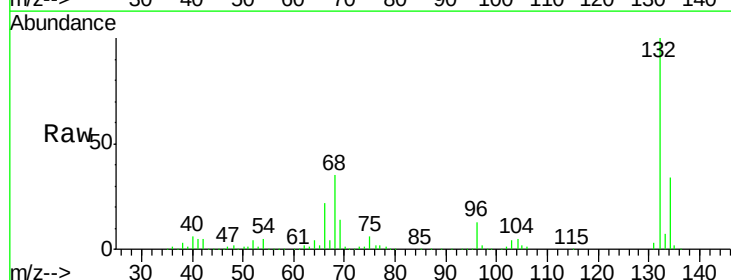
Tgt Ion: 77 Resp: 6427

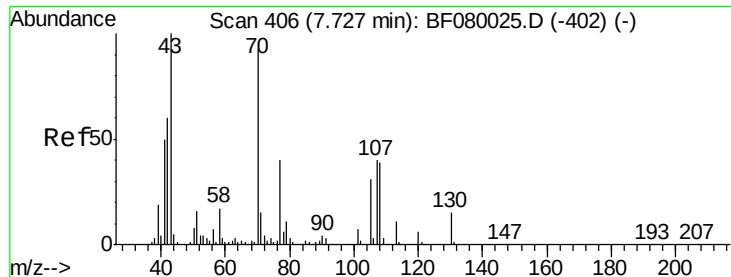
Ion Ratio Lower Upper

77 100

105 88.1 91.6 131.6#

106 73.3 102.6 142.6#

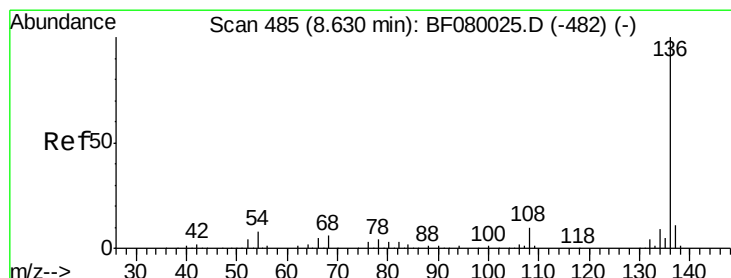
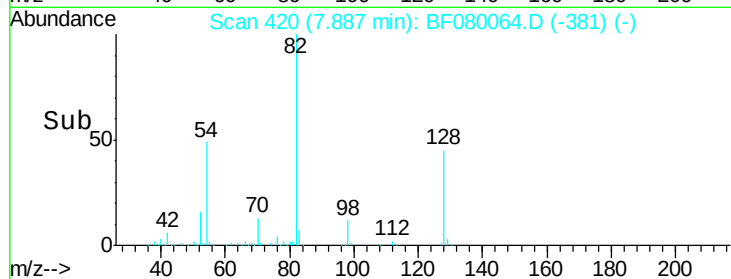
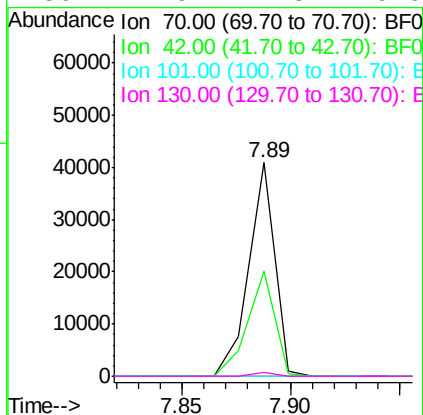
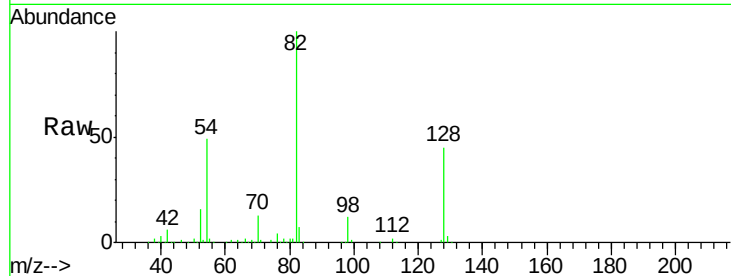




#19
n-Nitroso-di-n-propylamine
Concen: 16.90 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080064.D
Acq: 19 Jun 2015 18:27

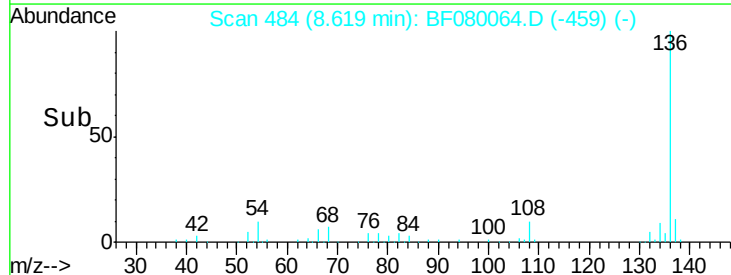
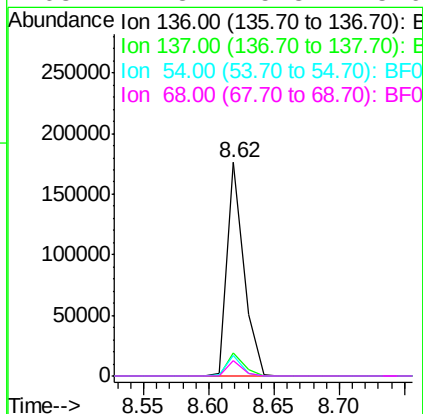
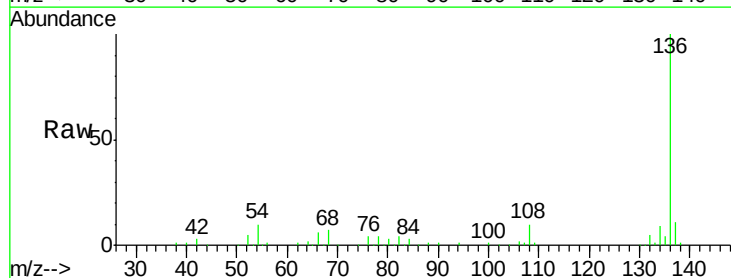
Instrument :
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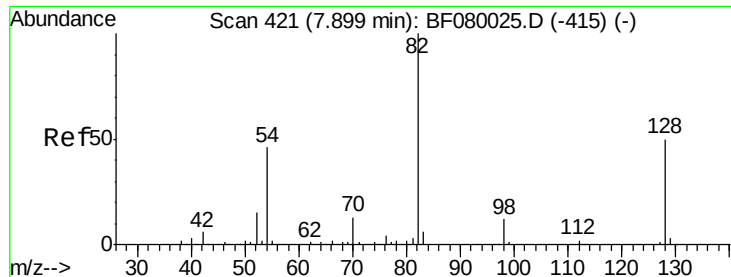
Tgt Ion: 70 Resp: 33932
Ion Ratio Lower Upper
70 100
42 49.2 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080064.D
Acq: 19 Jun 2015 18:27

Tgt Ion: 136 Resp: 158830
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 8.2 12.2
68 7.3 5.8 8.6

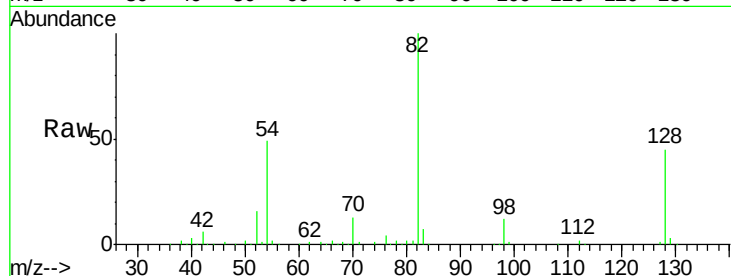




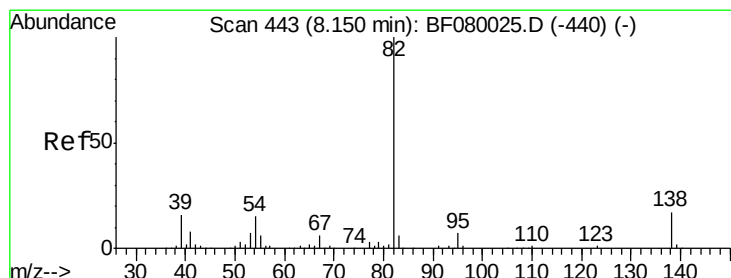
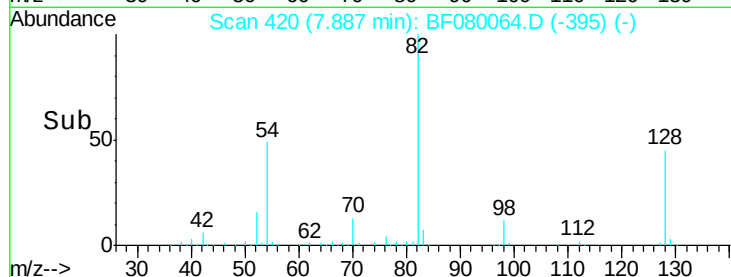
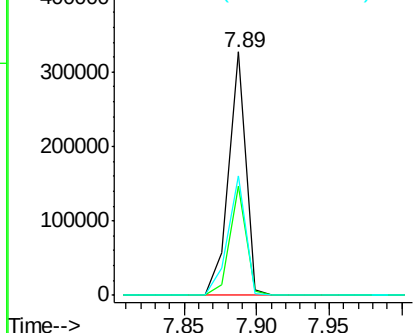
#23
 Nitrobenzene-d5
 Concen: 99.08 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080064.D
 Acq: 19 Jun 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF3MW4

Tgt Ion: 82 Resp: 270322
 Ion Ratio Lower Upper
 82 100
 128 44.7 51.0 76.6#
 54 49.3 47.5 71.3

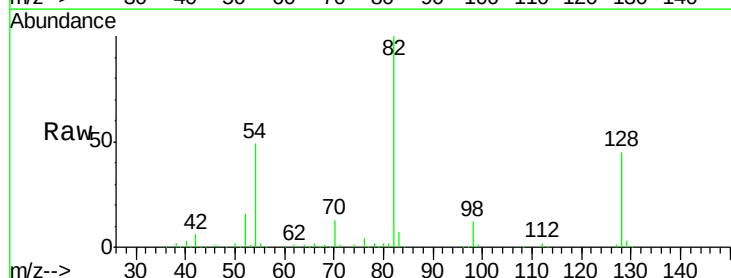


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



#25
 Isophorone
 Concen: 49.23 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080064.D
 Acq: 19 Jun 2015 18:27

Tgt Ion: 82 Resp: 270311
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

