

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082931.D
 Acq On : 14 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4331-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002

Quant Time: Nov 16 00:16:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

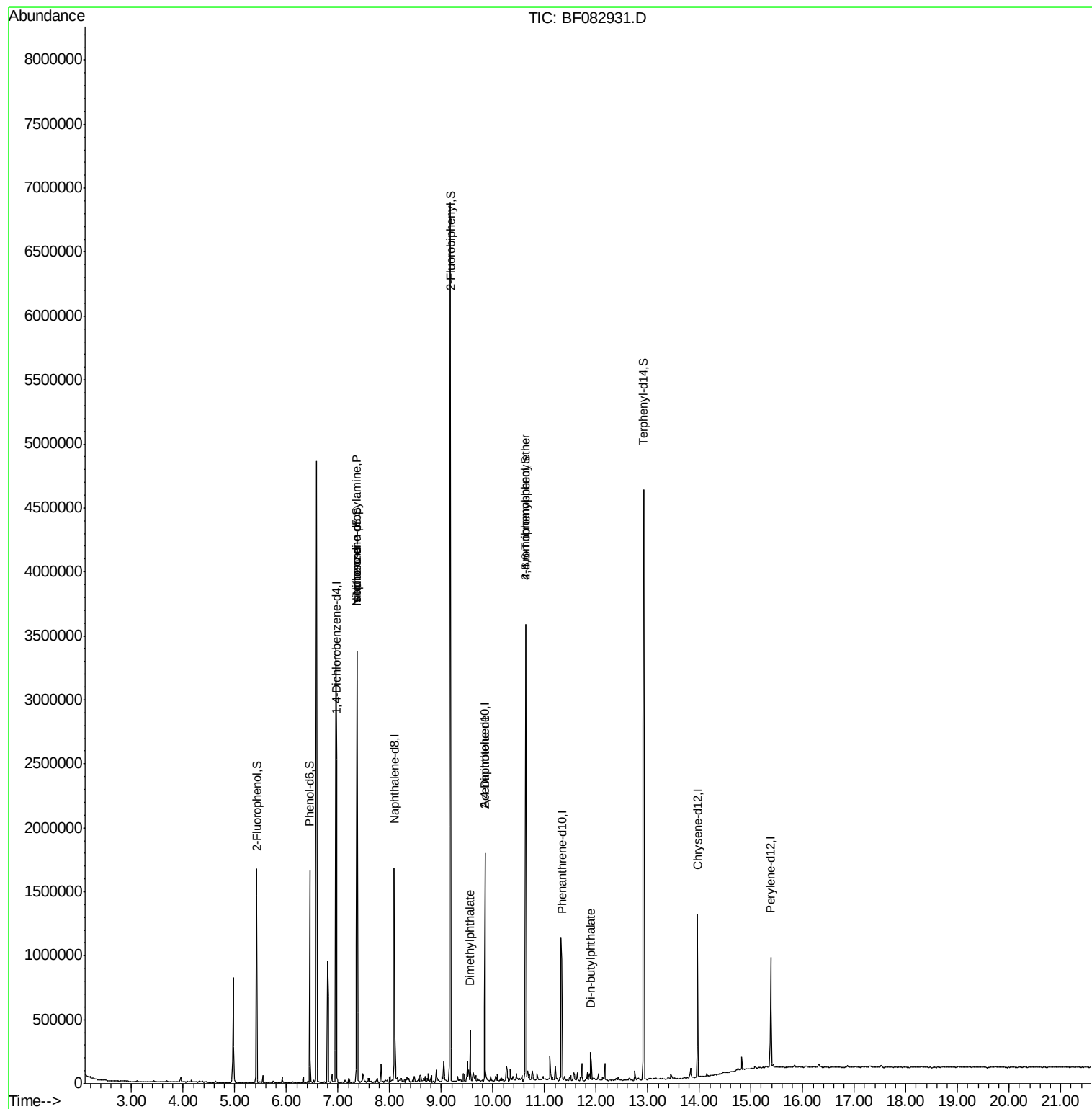
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	704019	20.00	ng	0.11
21) Naphthalene-d8	8.09	136	665416	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	355762	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	577345	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	406026	20.00	ng	-0.06
86) Perylene-d12	15.38	264	409663	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	633798	14.01	ng	-0.02
7) Phenol-d6	6.45	99	476822	7.93	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1210536	79.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	365881	89.70	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1920732	77.38	ng	-0.05
78) Terphenyl-d14	12.92	244	1721016	100.53	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	165523	3.74	ng	# 69
25) Isophorone	7.37	82	1193700	42.19	ng	# 69
49) Dimethylphthalate	9.56	163	142376	4.88	ng	98
56) 2,4-Dinitrotoluene	9.85	165	48408	5.74	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	25095	3.61	ng	# 1
73) Di-n-butylphthalate	11.89	149	137212	3.56	ng	97

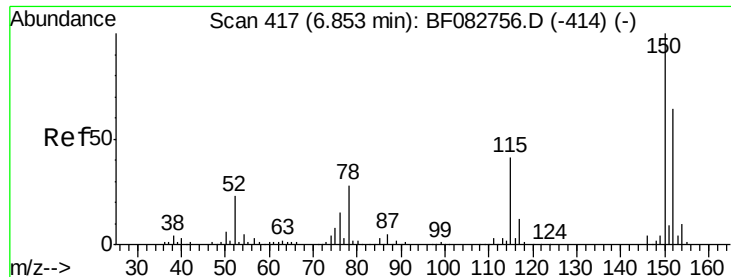
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.11 min

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ClientSampleId :

LIBERTY-SF-002

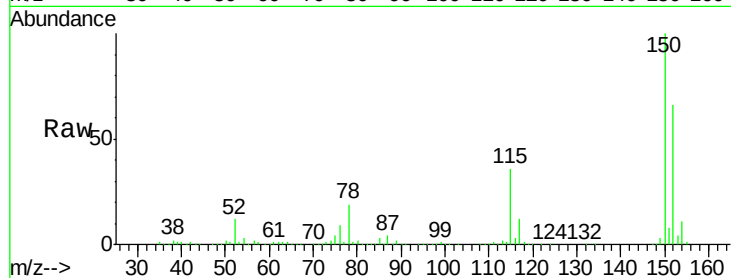
Tgt Ion:152 Resp: 704019

Ion Ratio Lower Upper

152 100

150 152.5 127.0 190.4

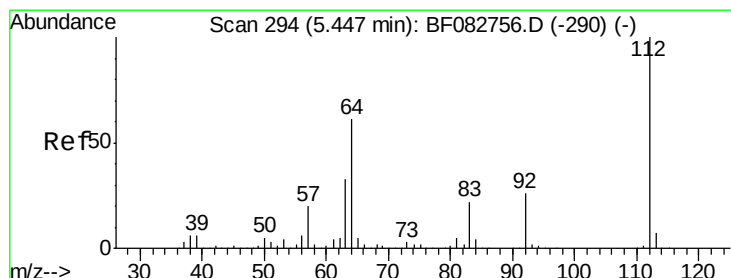
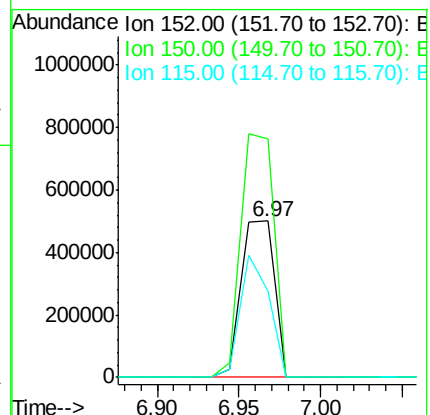
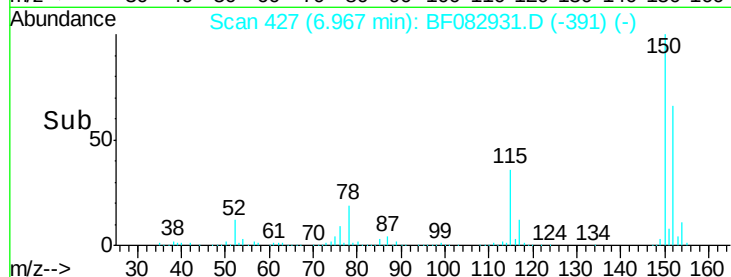
115 55.4 47.0 70.6



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: 14.01 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

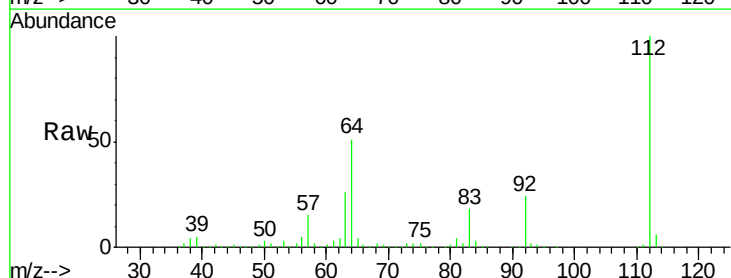
Tgt Ion:112 Resp: 633798

Ion Ratio Lower Upper

112 100

64 51.1 48.9 73.3

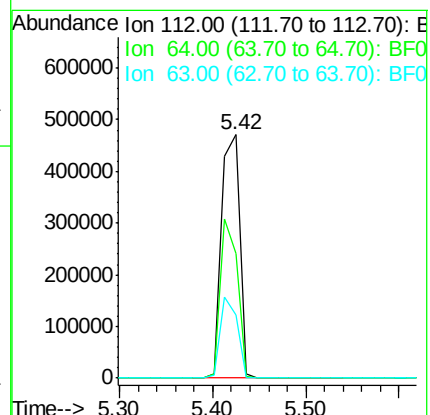
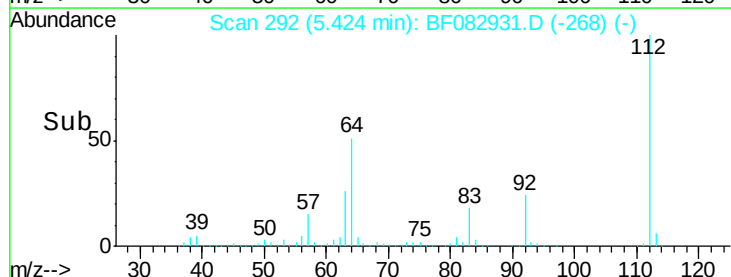
63 25.9 28.1 42.1#

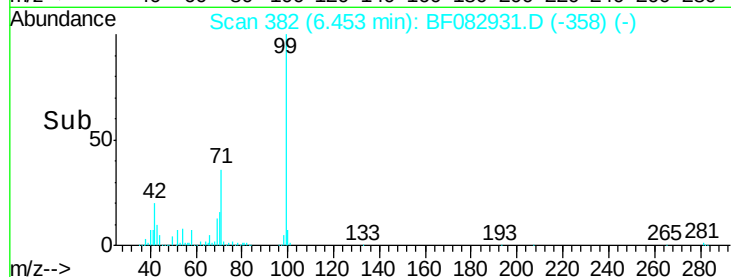
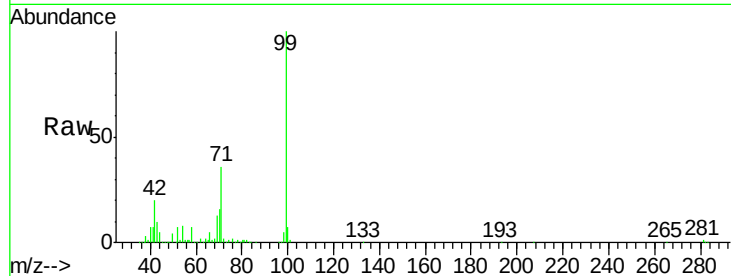
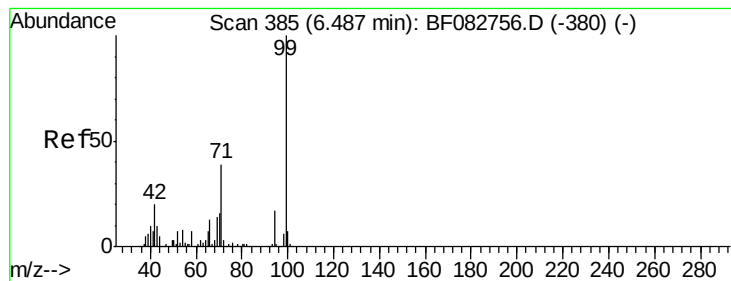


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002

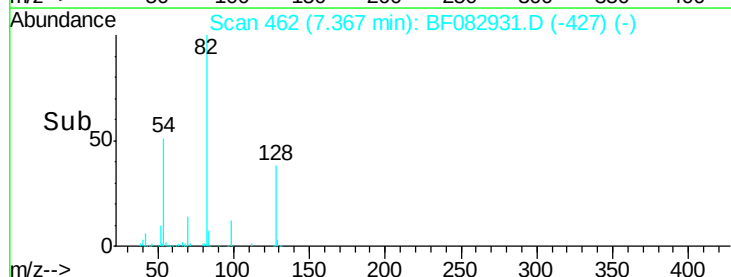
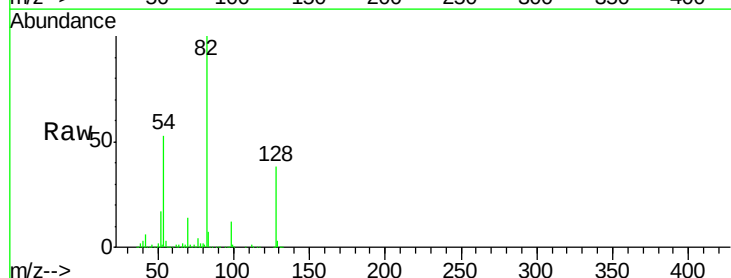
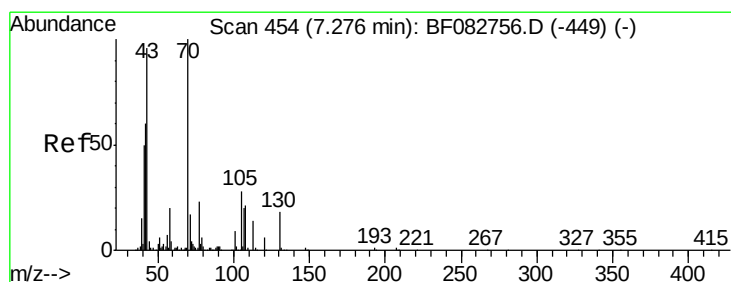
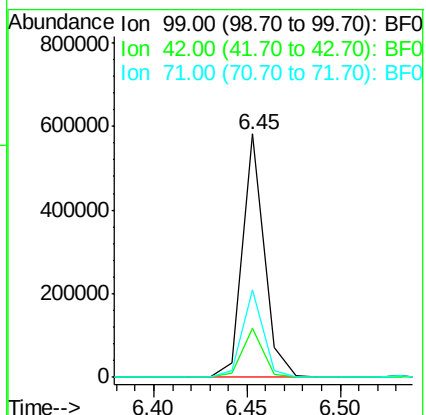
Tgt Ion: 99 Resp: 476822

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

71 35.8 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 3.74 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Tgt Ion: 70 Resp: 165523

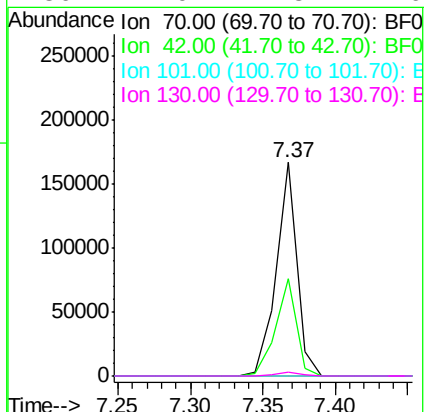
Ion Ratio Lower Upper

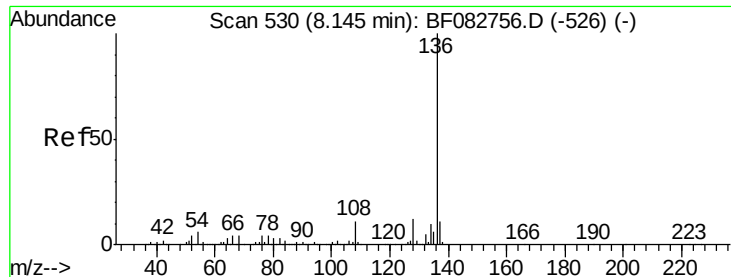
70 100

42 45.5 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#

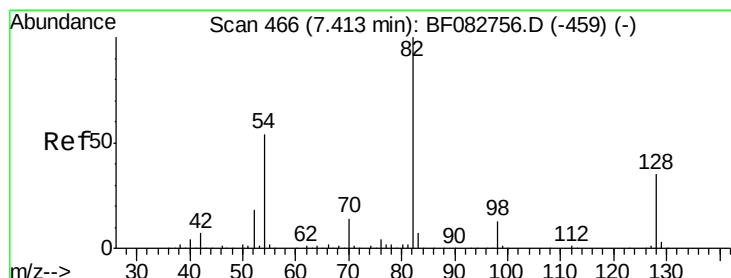
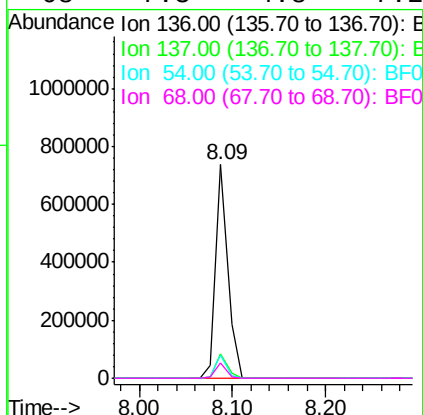
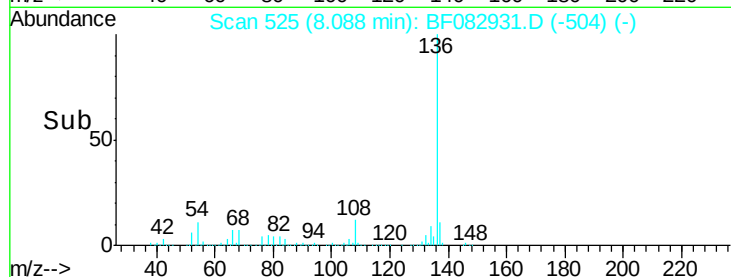
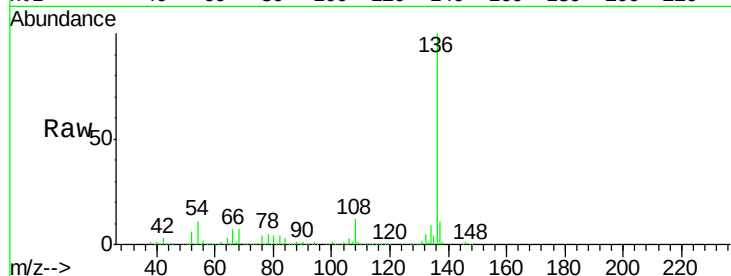




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082931.D
Acq: 14 Nov 2015 8:38

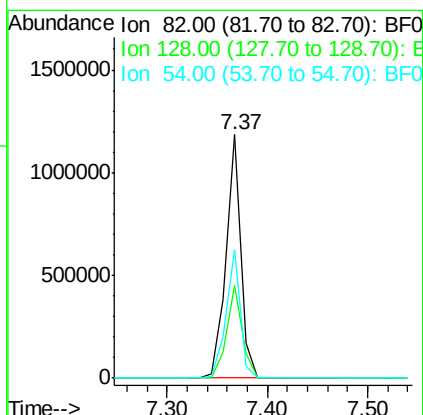
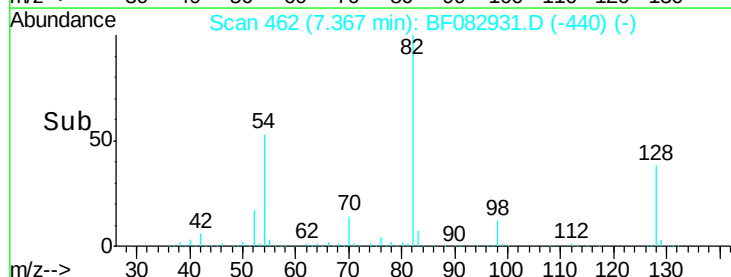
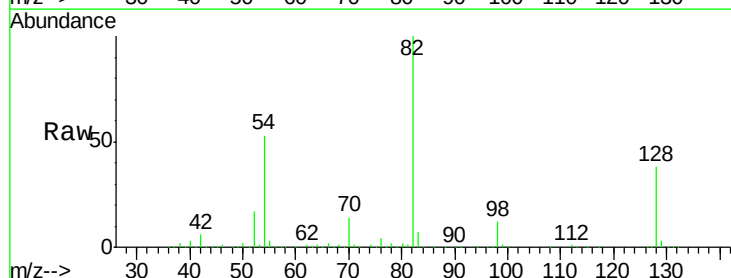
Instrument :
BNA_F
ClientSampleId :
LIBERTY-SF-002

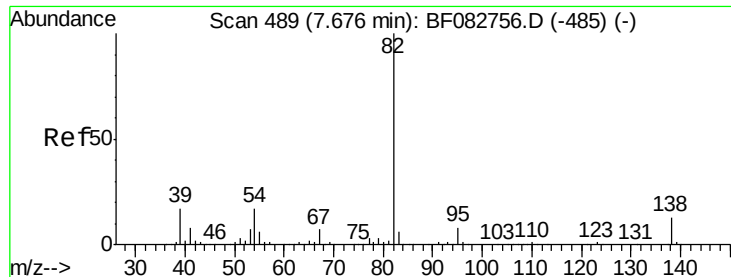
Tgt Ion:	136	Resp:	665416
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.1	13.7
68	7.3	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 79.16 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082931.D
Acq: 14 Nov 2015 8:38

Tgt Ion:	82	Resp:	1210536
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.8	40.2
54	52.8	45.7	68.5





#25

Isophorone

Concen: 42.19 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002

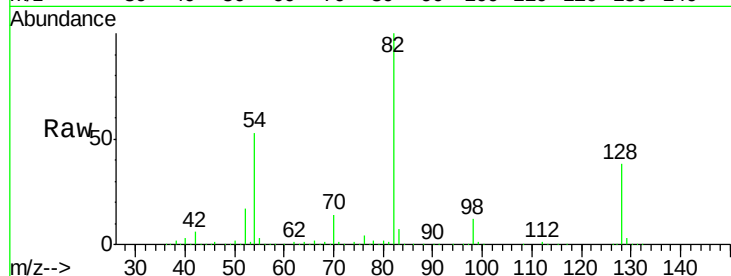
Tgt Ion: 82 Resp: 1193700

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

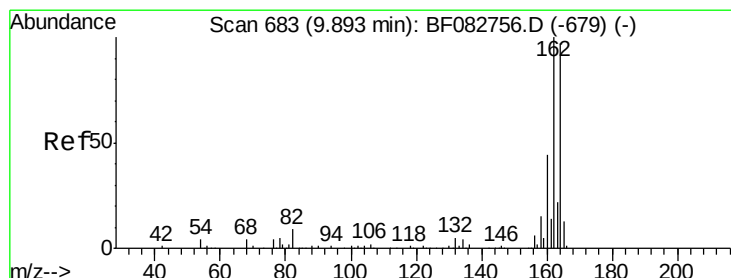
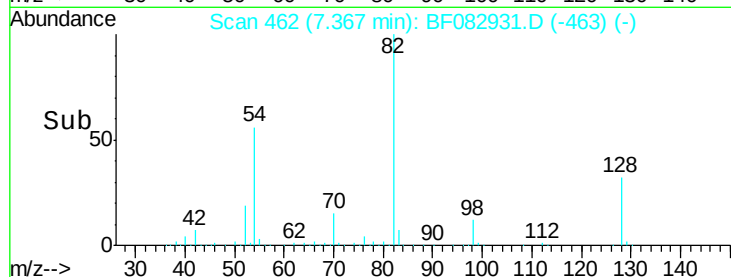
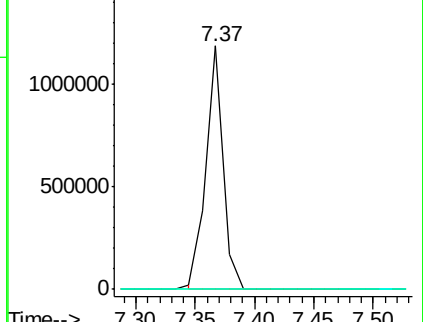
138 0.0 11.4 17.0#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

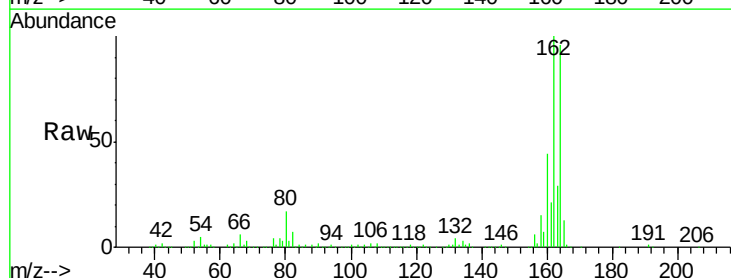
Tgt Ion: 164 Resp: 355762

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

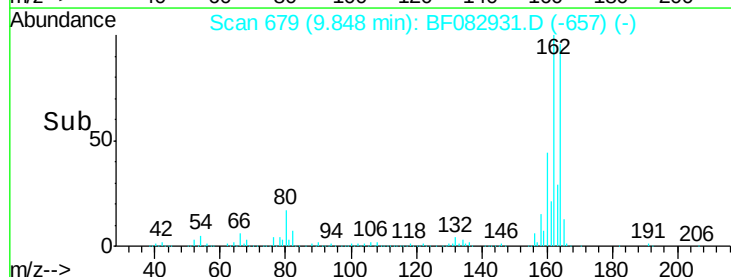
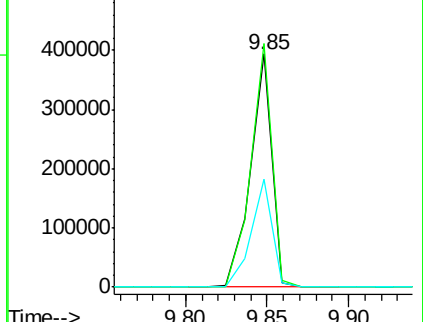
160 46.5 37.5 56.3

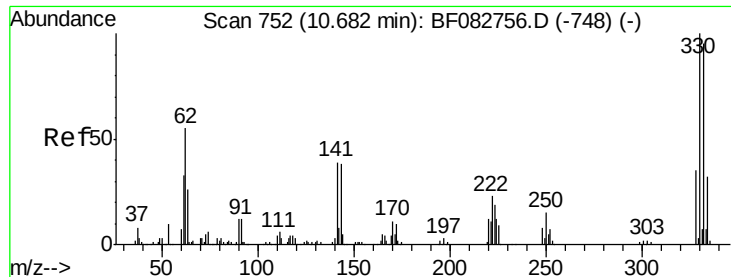


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

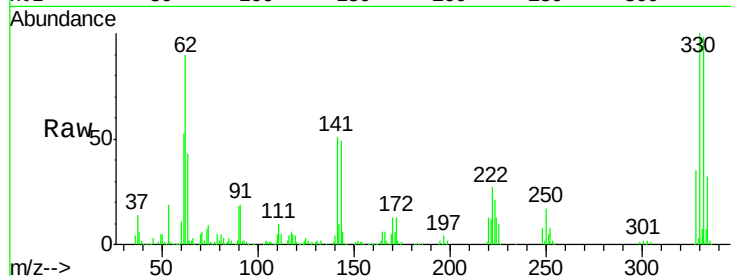




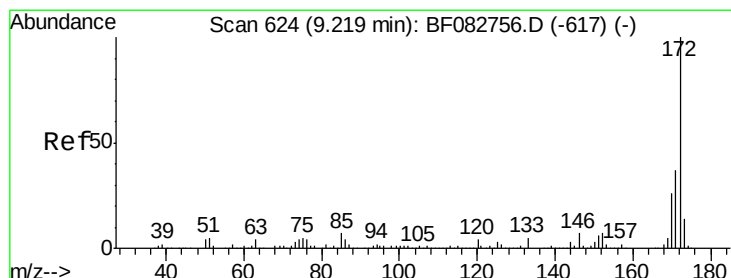
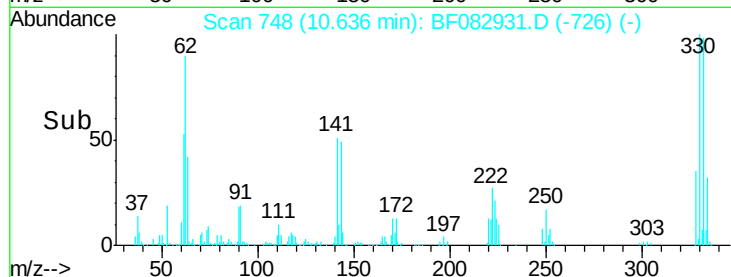
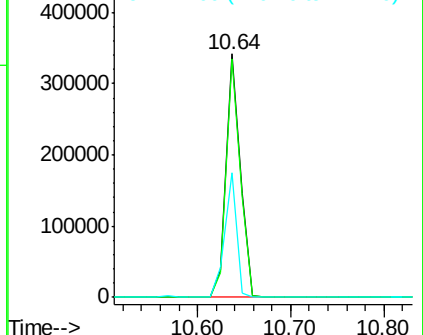
#41
 2,4,6-Tribromophenol
 Concen: 89.70 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002

Tgt Ion:330 Resp: 365881
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 42.5 41.2 61.8

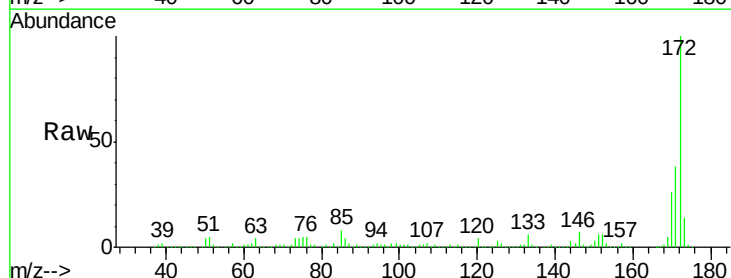


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Tgt Ion:172 Resp: 1920732
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.8 21.2 31.8



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

