

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082932.D
 Acq On : 14 Nov 2015 9:08
 Operator : UM/IZ
 Sample : G4331-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002-01

Quant Time: Nov 16 00:17:21 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

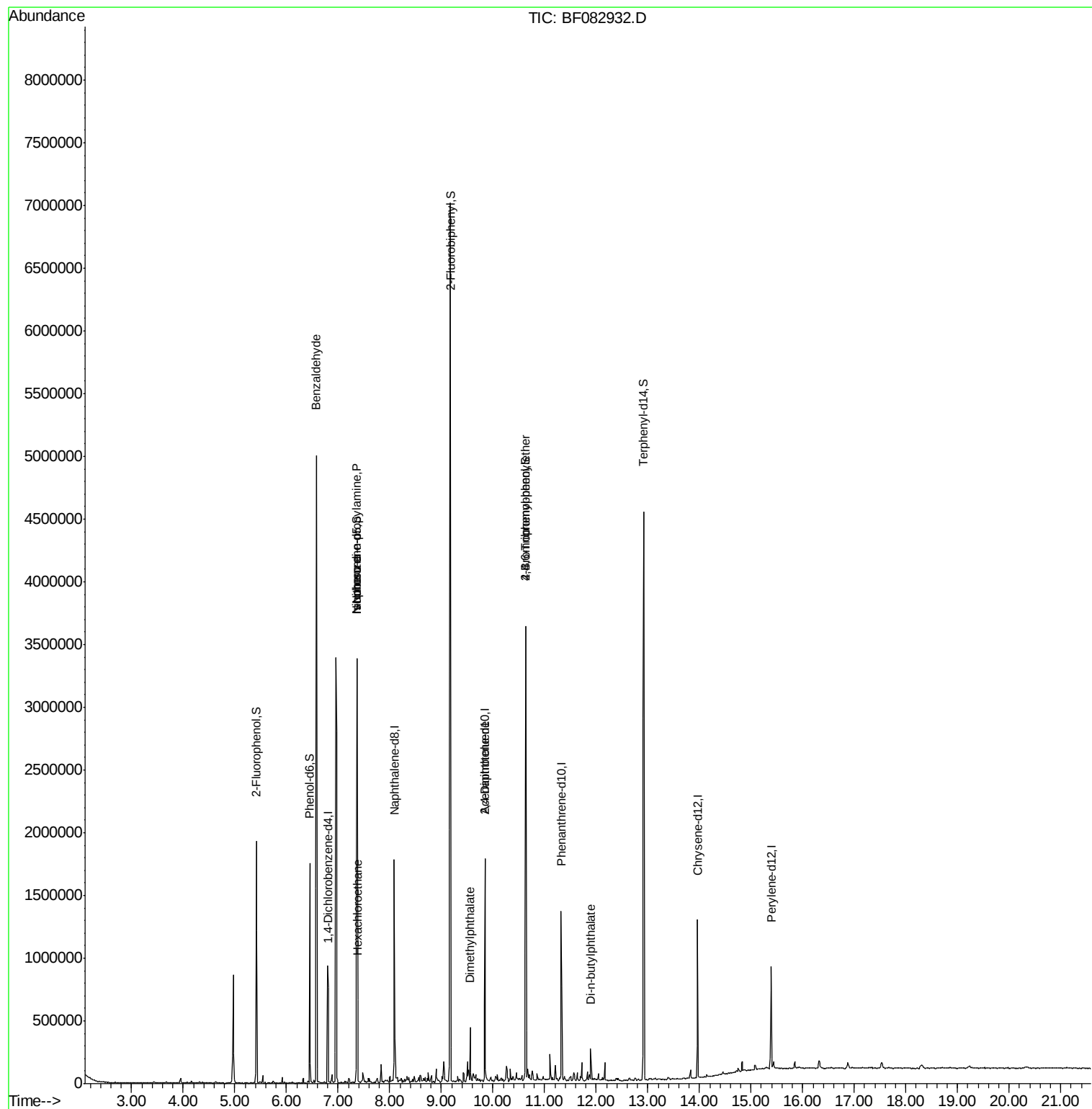
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	193134	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	703694	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	358267	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	589886	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	407577	20.00	ng	-0.06
86) Perylene-d12	15.39	264	421458	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	638339	51.43	ng	-0.03
7) Phenol-d6	6.45	99	508463	30.81	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1237940	76.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	366895	89.31	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1936693	77.48	ng	-0.05
78) Terphenyl-d14	12.92	244	1734040	100.91	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	33902	3.72	ng	Qvalue 88
18) Hexachloroethane	7.38	117	16051	2.78	ng	# 8
19) n-Nitroso-di-n-propylamine	7.37	70	171259	14.12	ng	# 70
25) Isophorone	7.37	82	1223098	40.87	ng	# 69
49) Dimethylphthalate	9.56	163	149906	5.11	ng	99
56) 2,4-Dinitrotoluene	9.85	165	47665	5.61	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	26704	3.76	ng	# 1
73) Di-n-butylphthalate	11.89	149	143384	3.64	ng	97

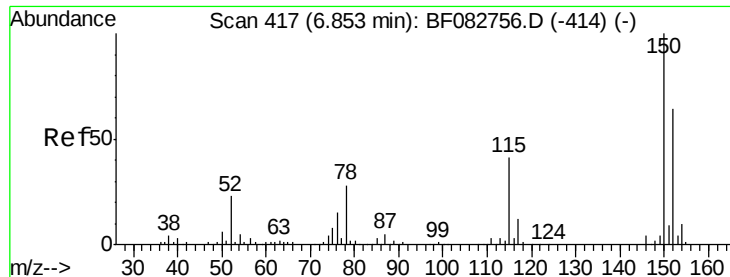
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

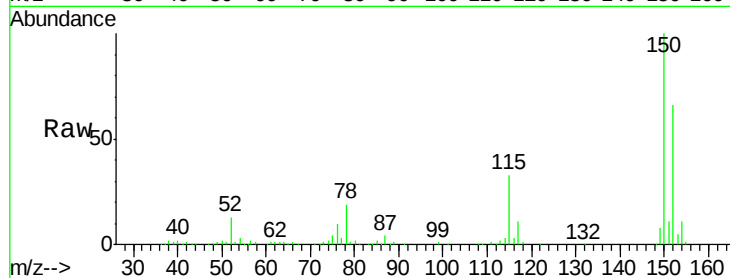
Tgt Ion:152 Resp: 193134

Ion Ratio Lower Upper

152 100

150 151.5 127.0 190.4

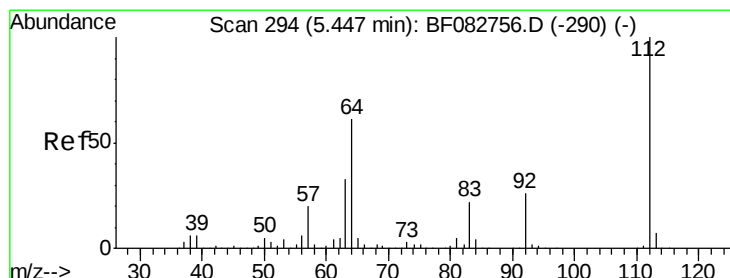
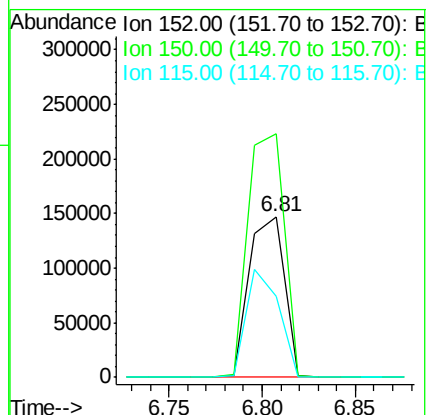
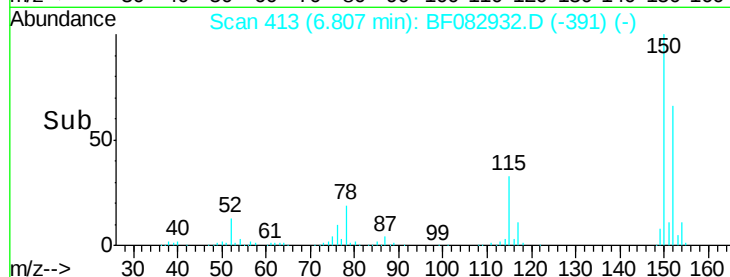
115 50.3 47.0 70.6



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: 51.43 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

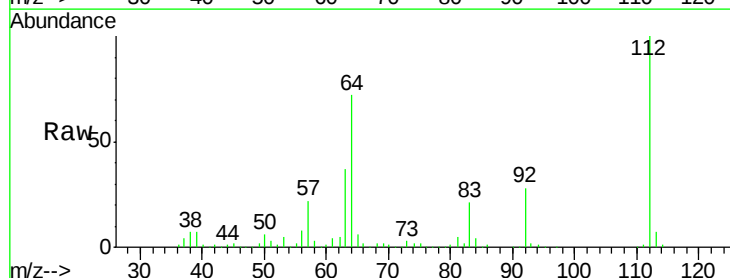
Tgt Ion:112 Resp: 638339

Ion Ratio Lower Upper

112 100

64 72.5 48.9 73.3

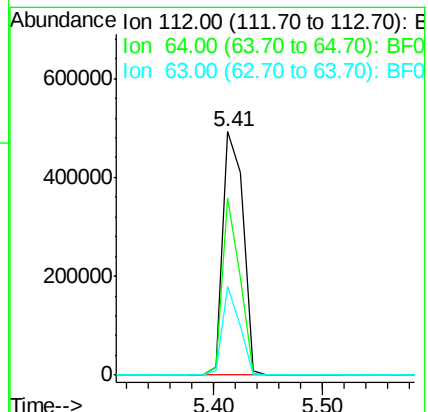
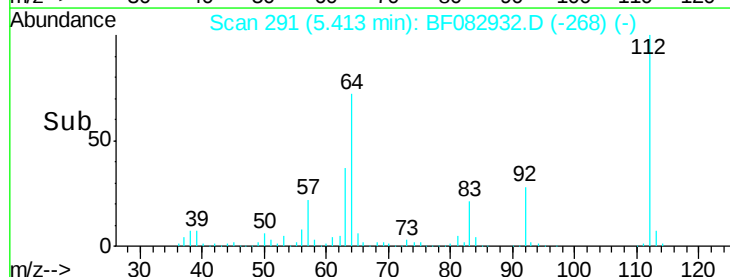
63 36.5 28.1 42.1

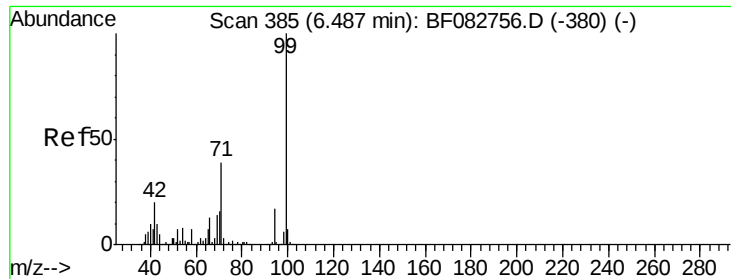


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

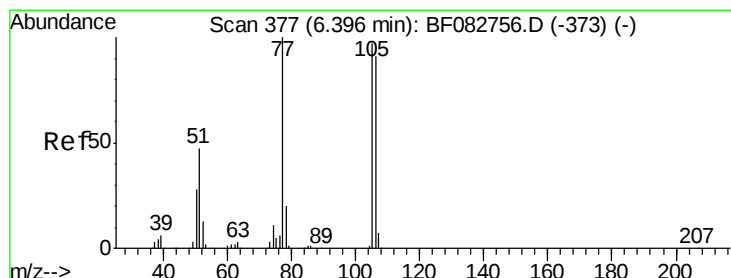
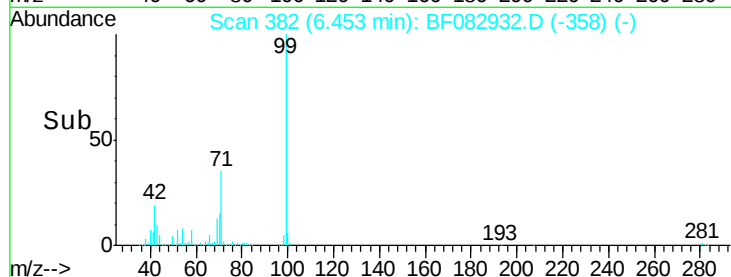
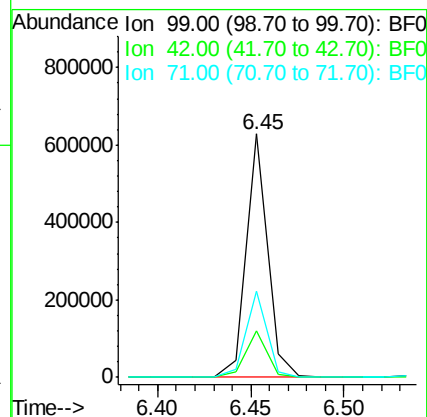
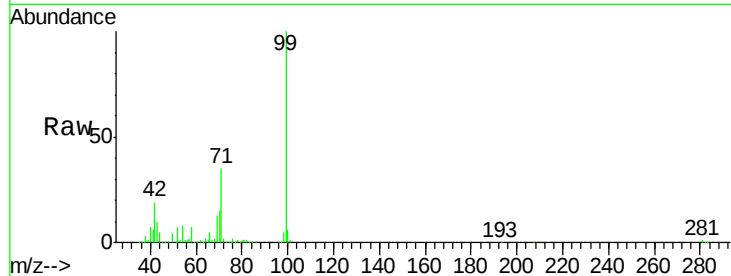
Tgt Ion: 99 Resp: 508463

Ion Ratio Lower Upper

99 100

42 19.1 19.2 28.8#

71 35.3 35.0 52.4



#9

Benzaldehyde

Concen: 3.72 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

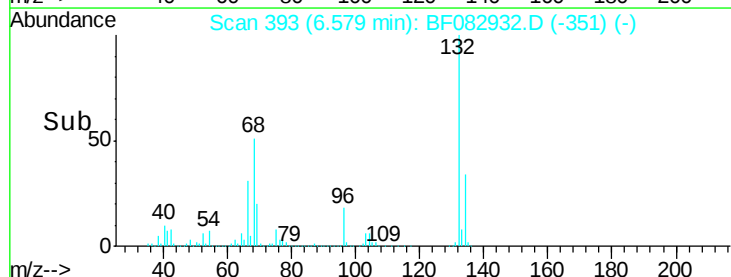
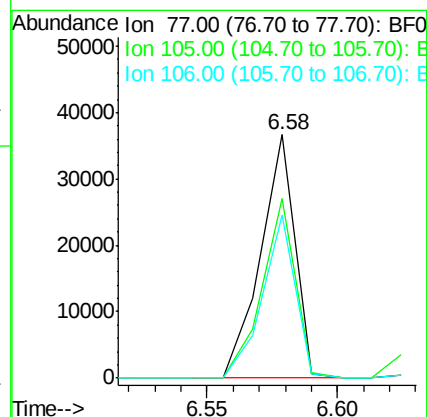
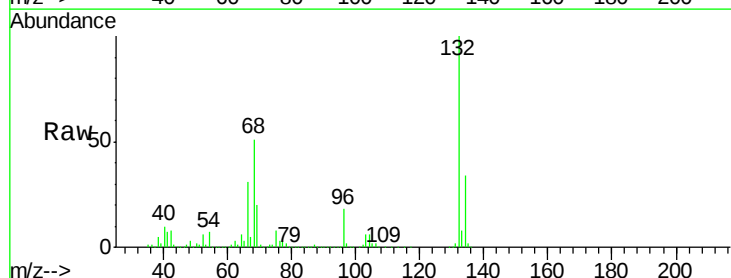
Tgt Ion: 77 Resp: 33902

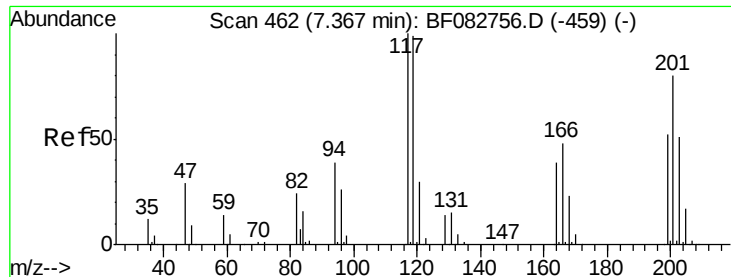
Ion Ratio Lower Upper

77 100

105 73.8 63.5 103.5

106 67.0 59.3 99.3





#18

Hexachloroethane

Concen: 2.78 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

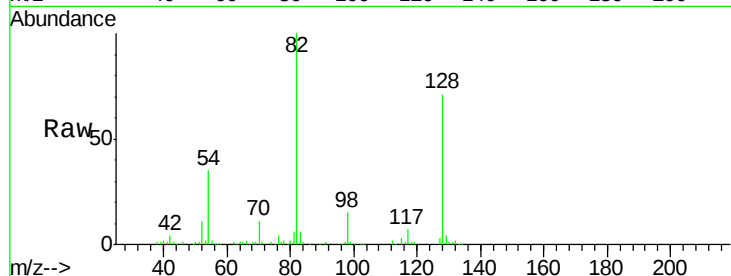
Tgt Ion: 117 Resp: 16051

Ion Ratio Lower Upper

117 100

119 7.1 77.7 116.5#

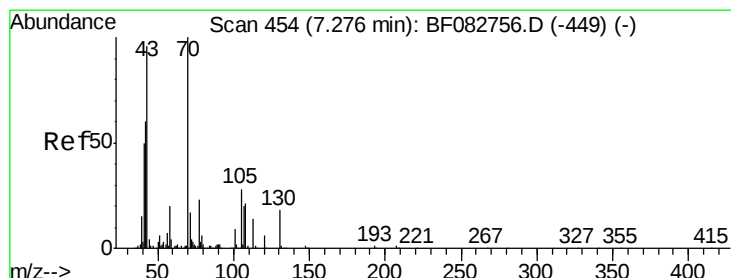
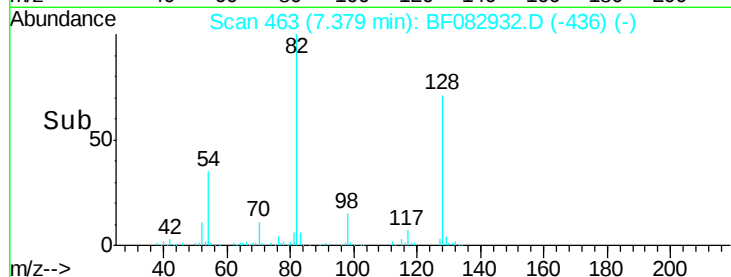
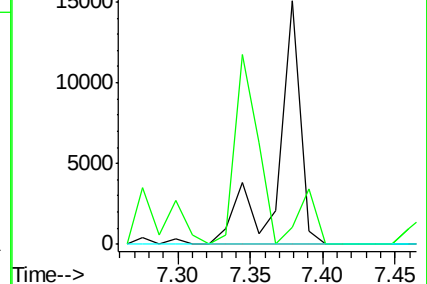
201 0.0 66.7 100.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 14.12 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Tgt Ion: 70 Resp: 171259

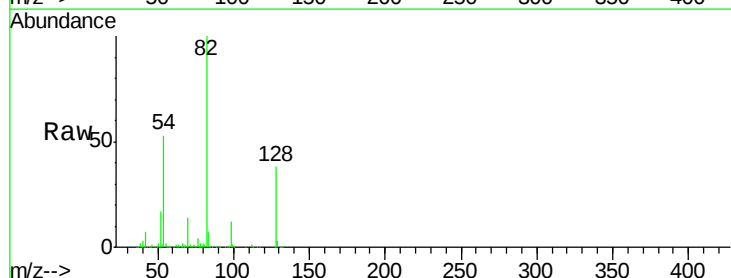
Ion Ratio Lower Upper

70 100

42 46.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

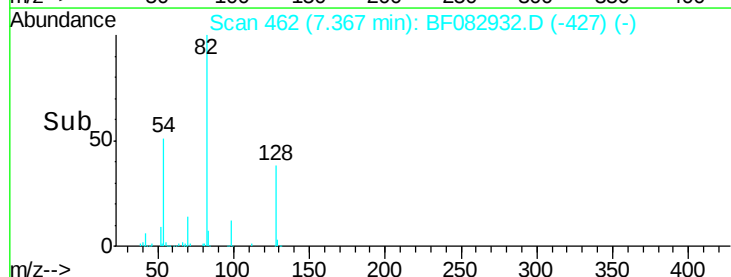
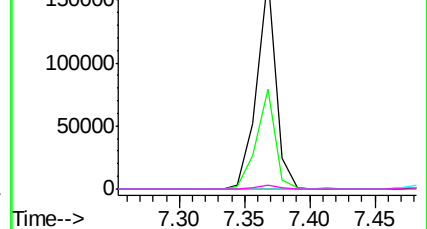


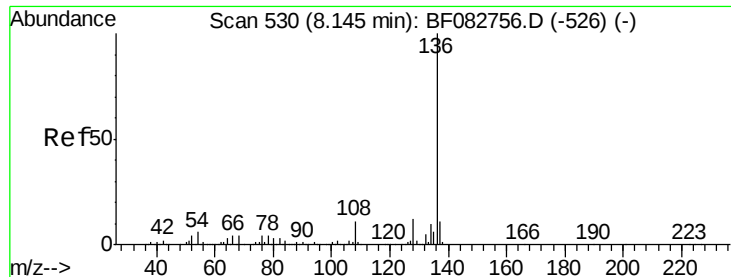
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

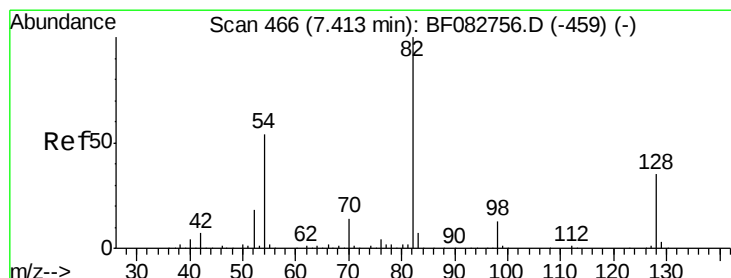
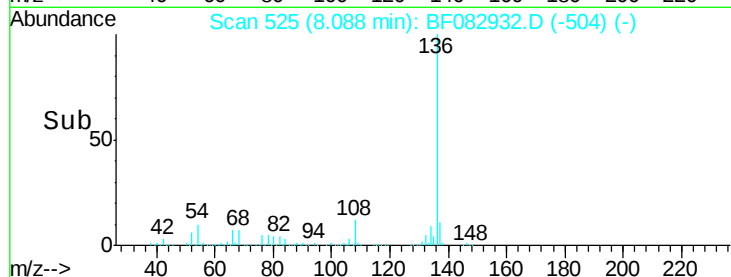
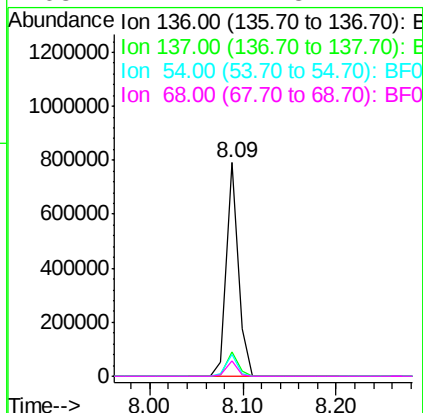
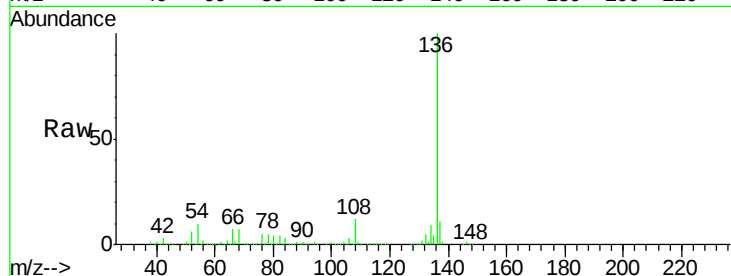




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

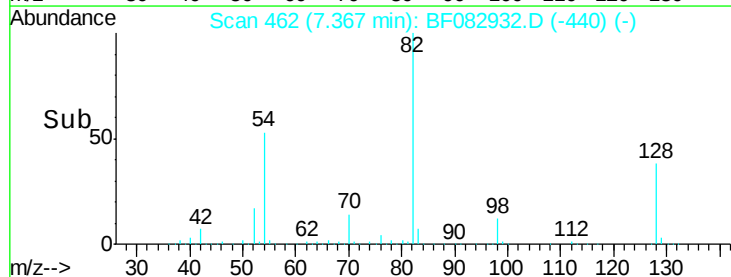
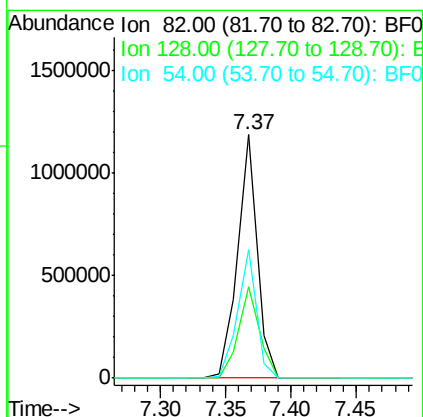
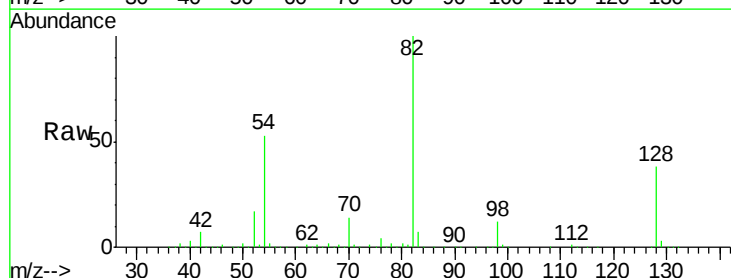
Instrument :
BNA_F
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LIBERTY-SF-002-01

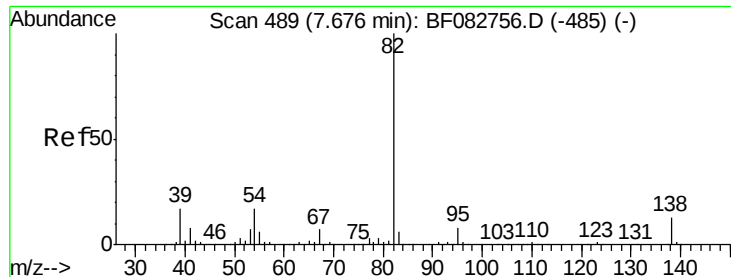
Tgt Ion:	136	Resp:	703694
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.5	9.1	13.7
68	7.2	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 76.55 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

Tgt Ion:	82	Resp:	1237940
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.8	40.2
54	52.9	45.7	68.5





#25

Isophorone

Concen: 40.87 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

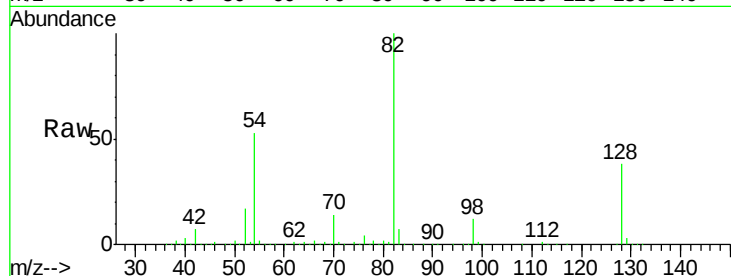
Tgt Ion: 82 Resp: 1223098

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

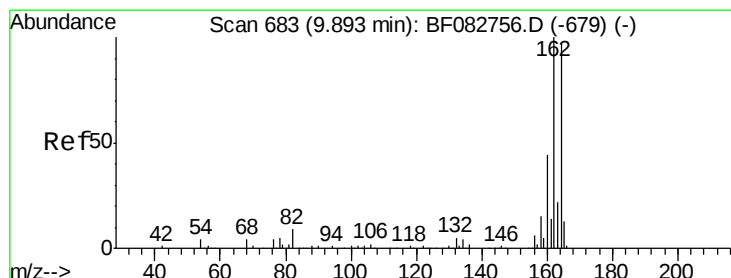
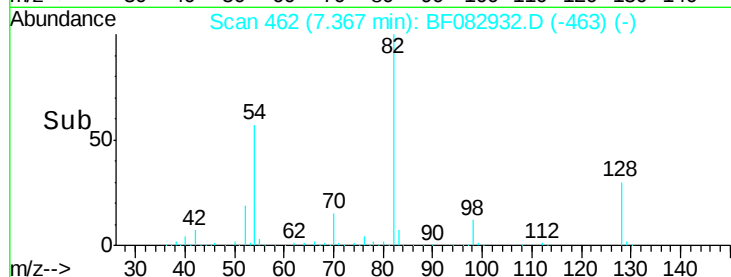
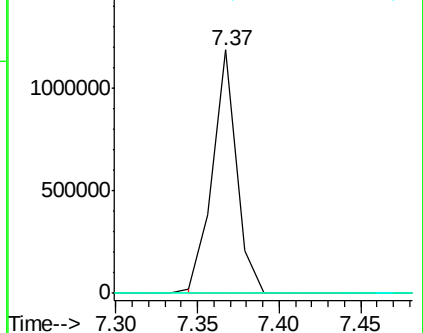
138 0.0 11.4 17.0#



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: BF082932.D

Acq: 14 Nov 2015 9:08

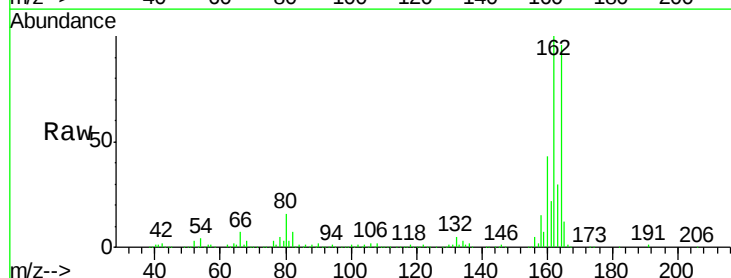
Tgt Ion: 164 Resp: 358267

Ion Ratio Lower Upper

164 100

162 103.7 84.9 127.3

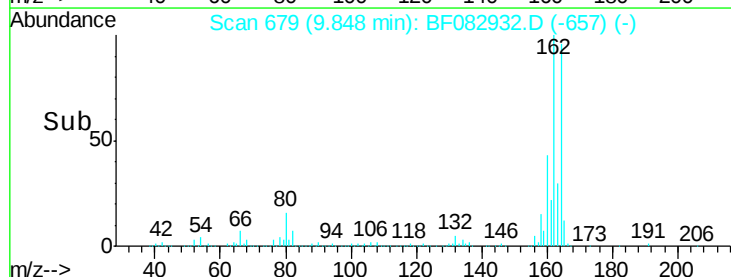
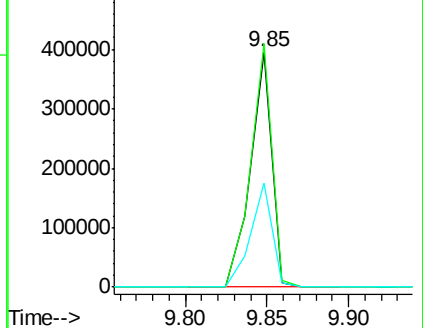
160 44.2 37.5 56.3

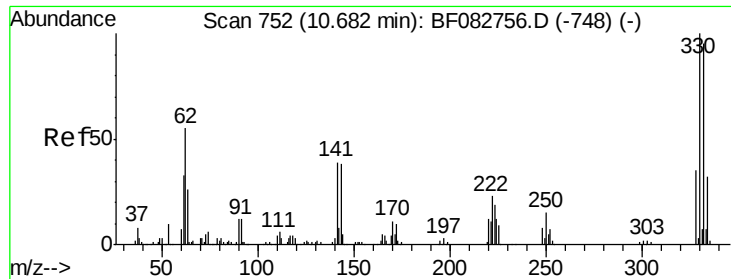


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

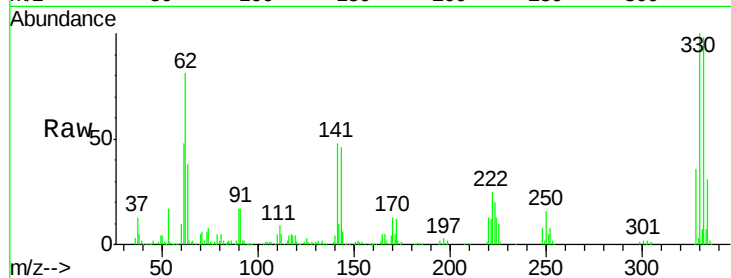




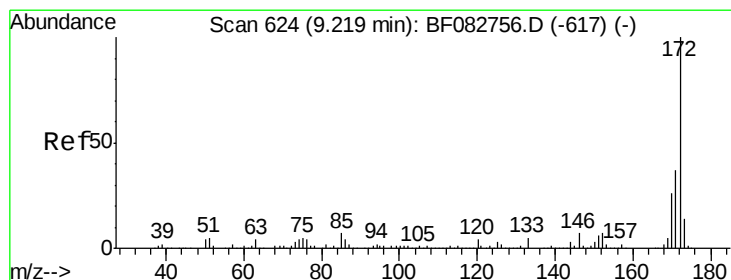
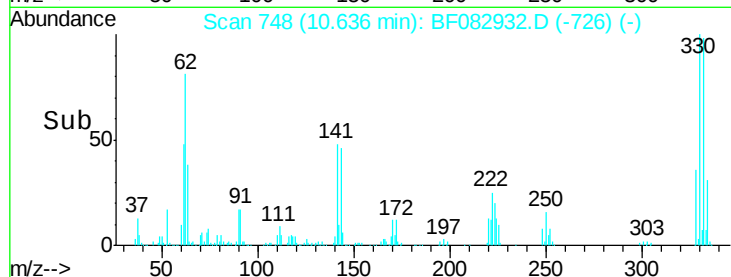
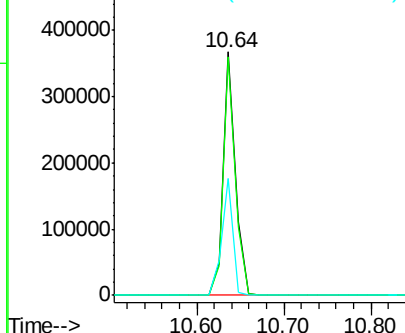
#41
 2,4,6-Tribromophenol
 Concen: 89.31 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Instrument :
 BNA_F
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 LIBERTY-SF-002-01

Tgt Ion:330 Resp: 366895
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 43.8 41.2 61.8

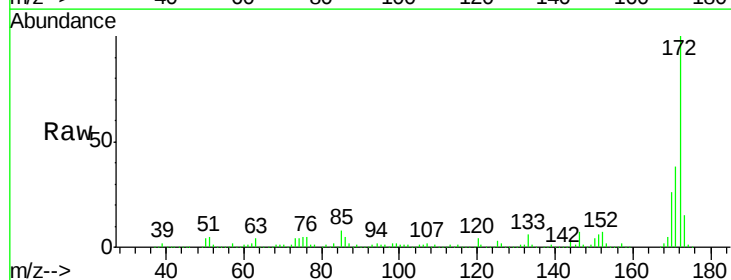


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.48 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Tgt Ion:172 Resp: 1936693
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.5 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

