

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089284.D
 Acq On : 25 Jul 2016 17:48
 Operator : UM/SJ
 Sample : H4129-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

Quant Time: Jul 26 00:57:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

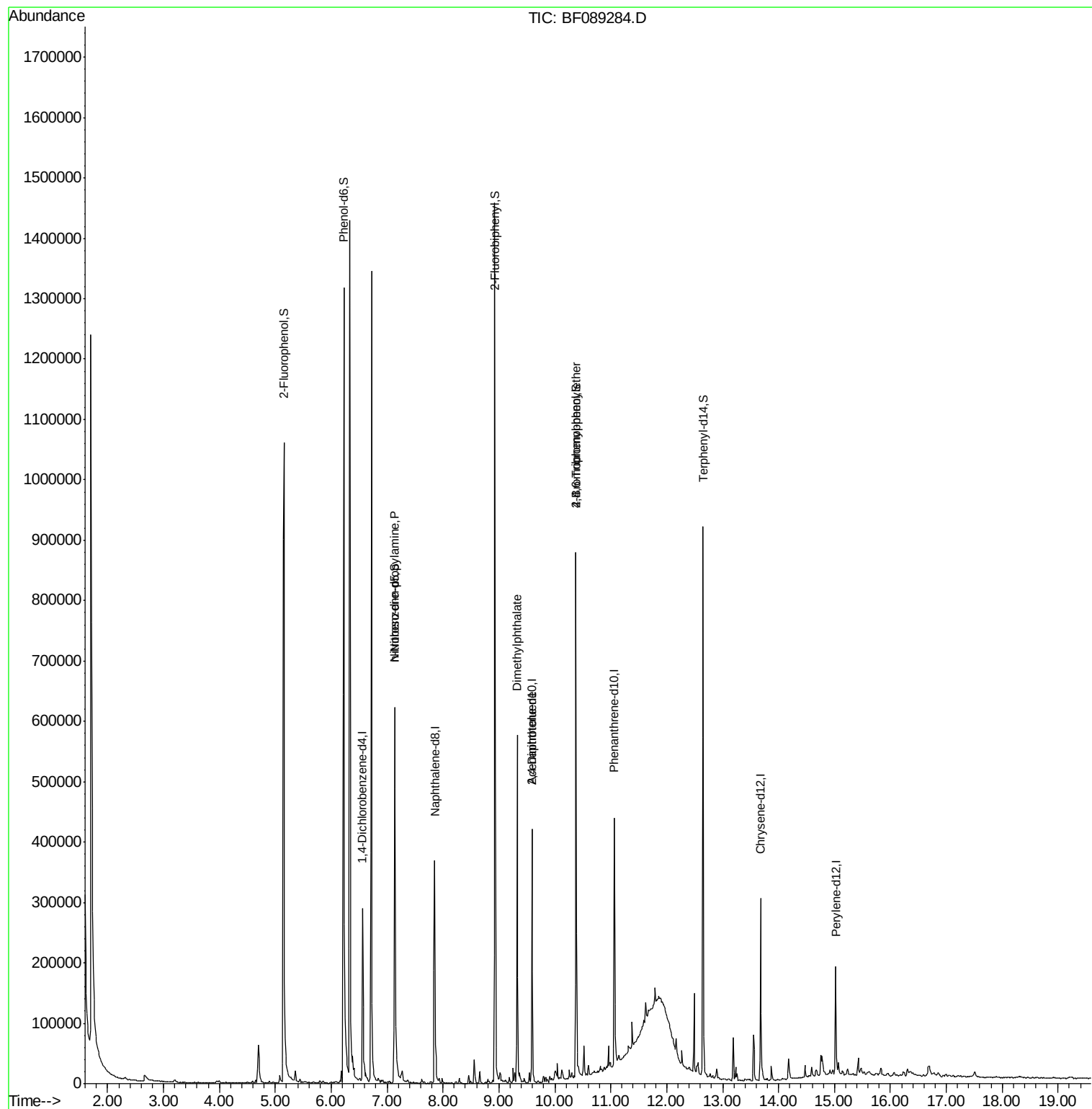
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	55701	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	219431	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	91453	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	160361	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	112710	20.00	ng	-0.01
86) Perylene-d12	15.03	264	94564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	493840	134.84	ng	0.01
7) Phenol-d6	6.23	99	631046	133.61	ng	0.00
23) Nitrobenzene-d5	7.13	82	361696	87.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	92375	112.19	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	541035	81.51	ng	-0.01
78) Terphenyl-d14	12.65	244	352230	67.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	47102	15.25	ng	# 84
49) Dimethylphthalate	9.32	163	247002	35.20	ng	98
56) 2,4-Dinitrotoluene	9.59	165	11800	5.78	ng	# 11
66) 4-Bromophenyl-phenylether	10.38	248	7214	4.55	ng	# 1

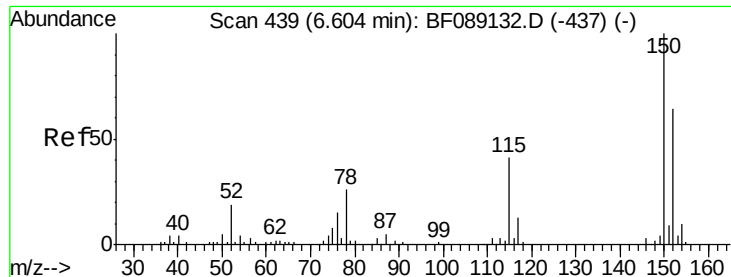
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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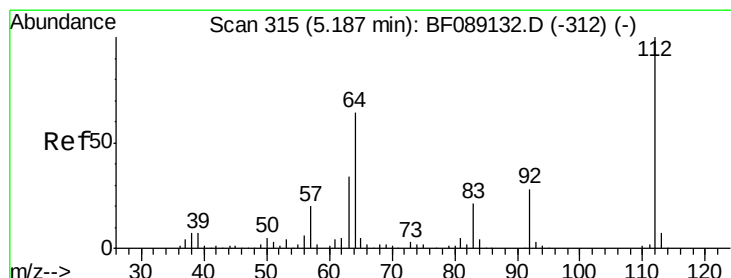
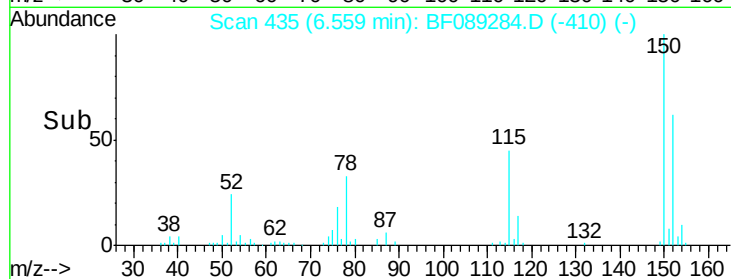
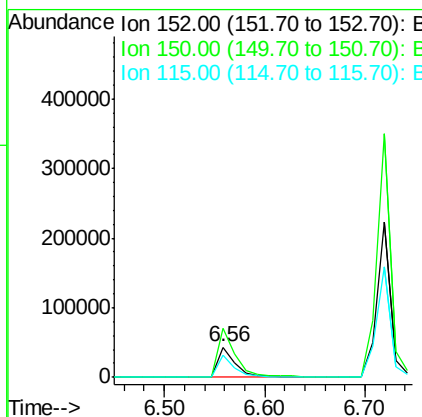
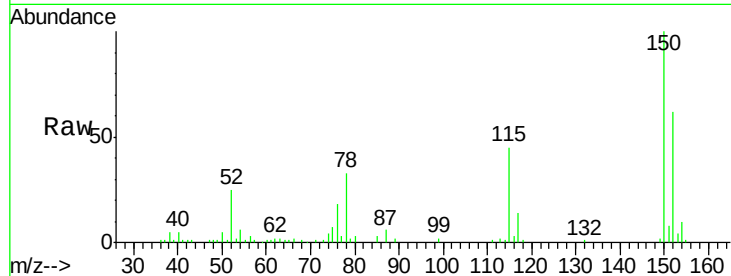




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089284.D
 Acq: 25 Jul 2016 17:48

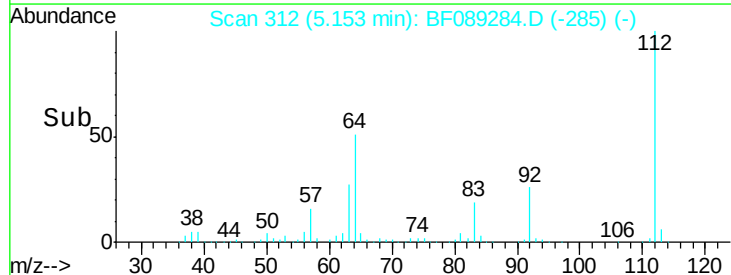
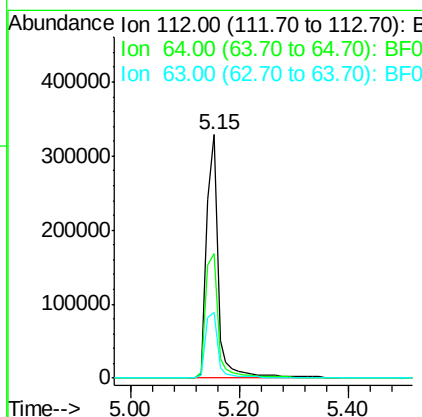
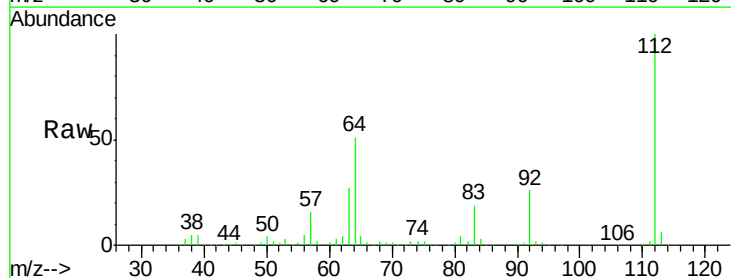
Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

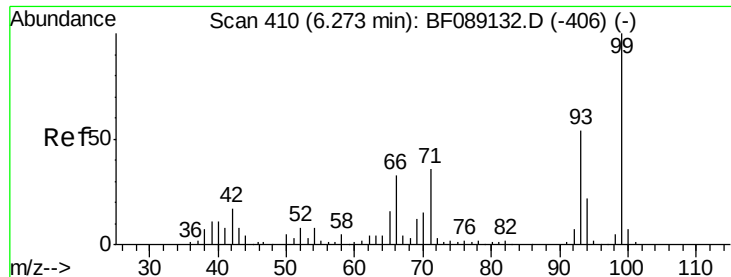
Tgt Ion:152 Resp: 55701
 Ion Ratio Lower Upper
 152 100
 150 162.1 125.1 187.7
 115 73.3 51.1 76.7



#5
 2-Fluorophenol
 Concen: 134.84 ng
 RT: 5.15 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF089284.D
 Acq: 25 Jul 2016 17:48

Tgt Ion:112 Resp: 493840
 Ion Ratio Lower Upper
 112 100
 64 51.4 51.0 76.4
 63 27.1 27.3 40.9#





#7

Phenol-d6

Concen: 133.61 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089284.D

Acq: 25 Jul 2016 17:48

Instrument :

BNA_F

ClientSampleId :

KSB-17-8.0-10.0

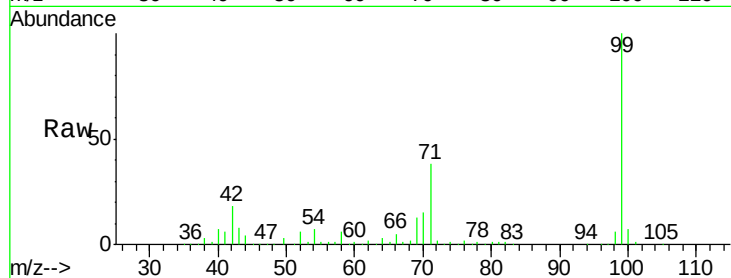
Tgt Ion: 99 Resp: 631046

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

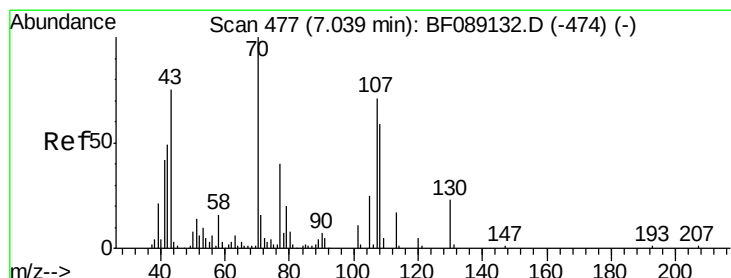
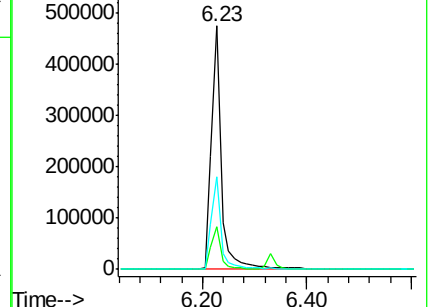
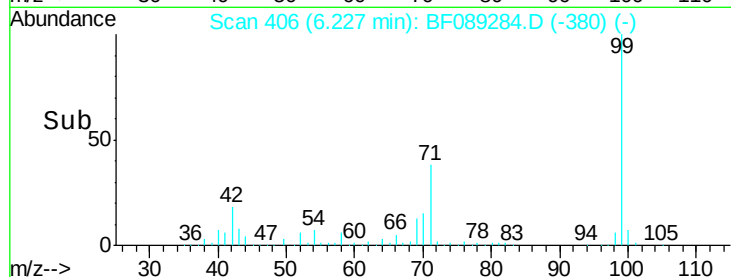
71 37.8 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089284.D

Acq: 25 Jul 2016 17:48

Tgt Ion: 70 Resp: 47102

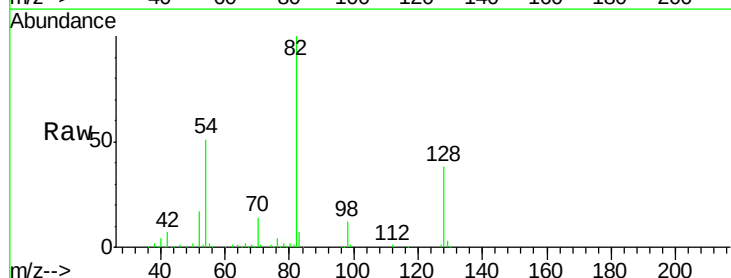
Ion Ratio Lower Upper

70 100

42 48.7 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#

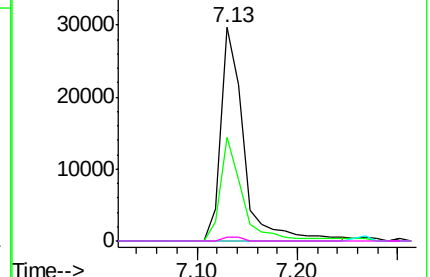
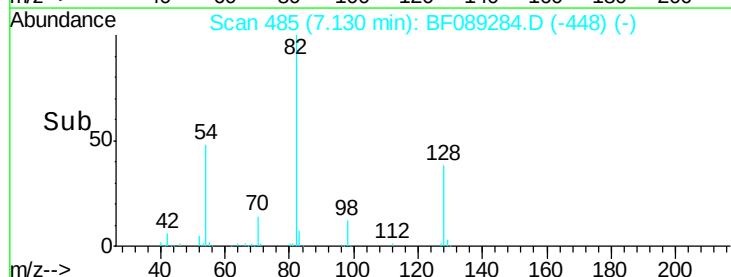


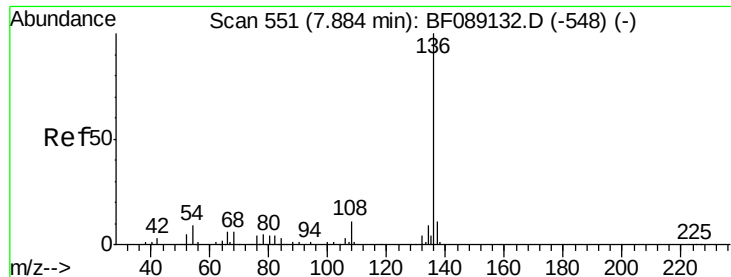
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

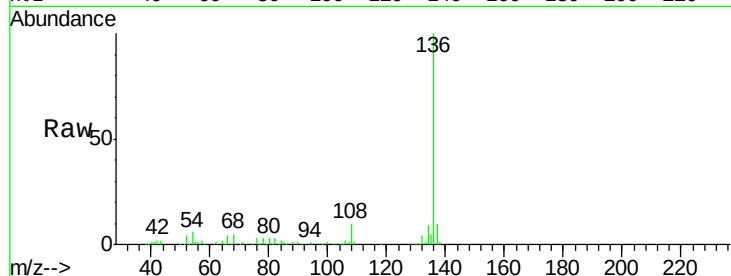




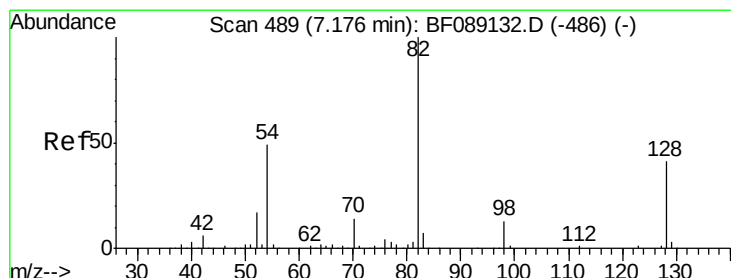
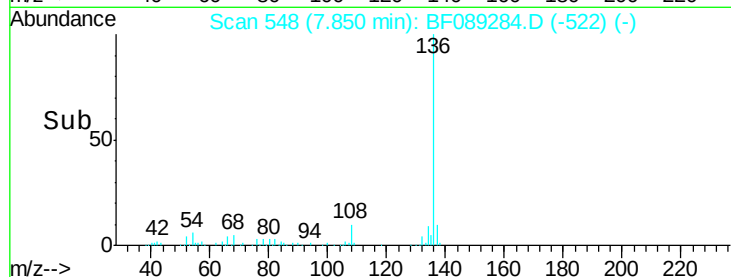
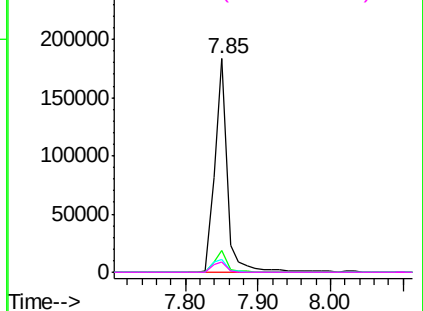
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089284.D
Acq: 25 Jul 2016 17:48

Instrument :
BNA_F
ClientSampleId :
KSB-17-8-0-10.0

Tgt Ion:	136	Resp:	219431
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	5.9	7.0	10.4#
68	4.9	5.0	7.6#

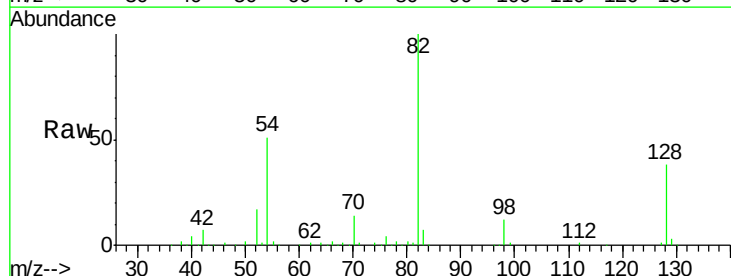


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

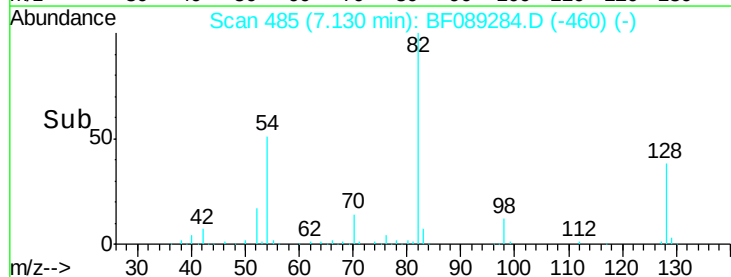
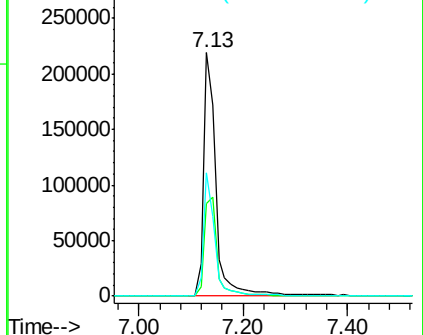


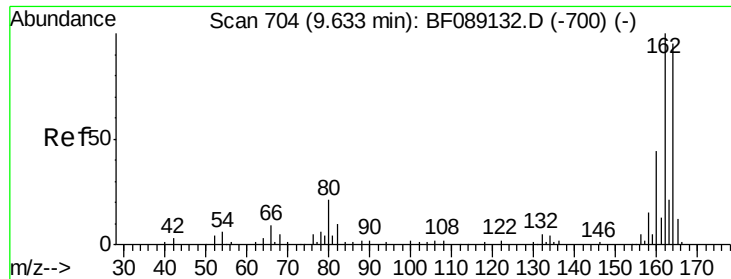
#23
Nitrobenzene-d5
Concen: 87.58 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089284.D
Acq: 25 Jul 2016 17:48

Tgt Ion:	82	Resp:	361696
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.0	49.6
54	50.9	39.0	58.4



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

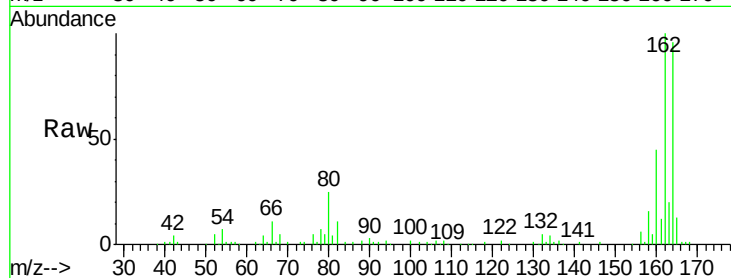




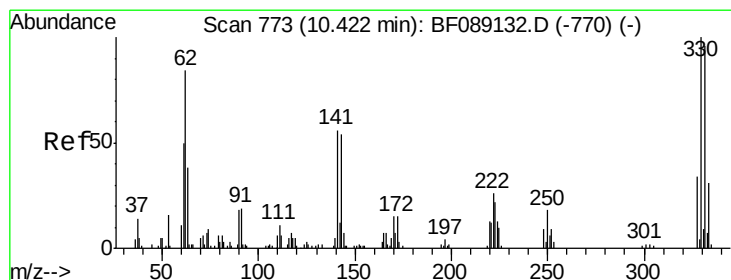
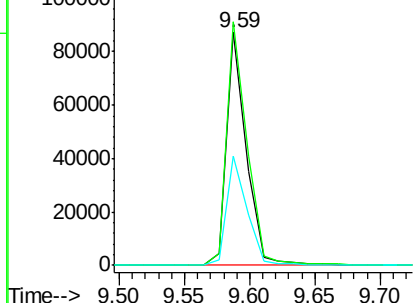
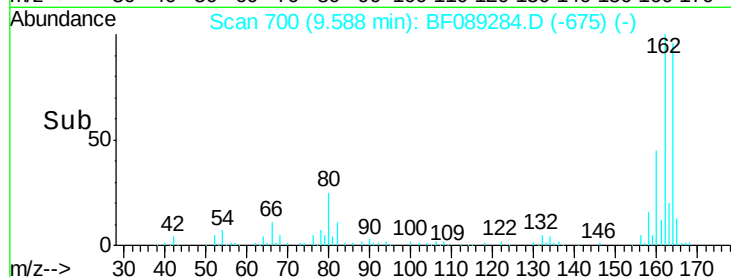
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089284.D
 Acq: 25 Jul 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 KSB-17-8.0-10.0

Tgt Ion:164 Resp: 91453
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.1 126.1
 160 46.7 37.1 55.7

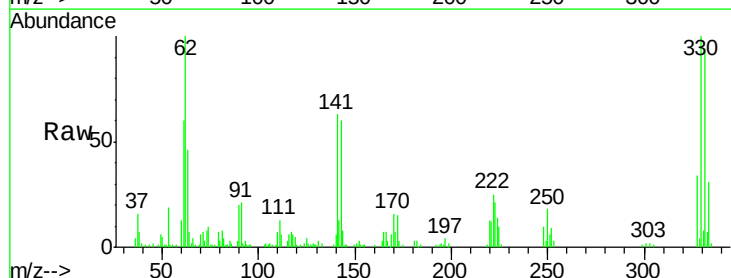


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 112.19 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089284.D
 Acq: 25 Jul 2016 17:48

Tgt Ion:330 Resp: 92375
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.2 115.8
 141 51.3 42.2 63.2



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

