

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089155.D
 Acq On : 21 Jul 2016 2:51
 Operator : UM/SJ
 Sample : H4112-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-06-10.0-12.0

Quant Time: Jul 21 03:37:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

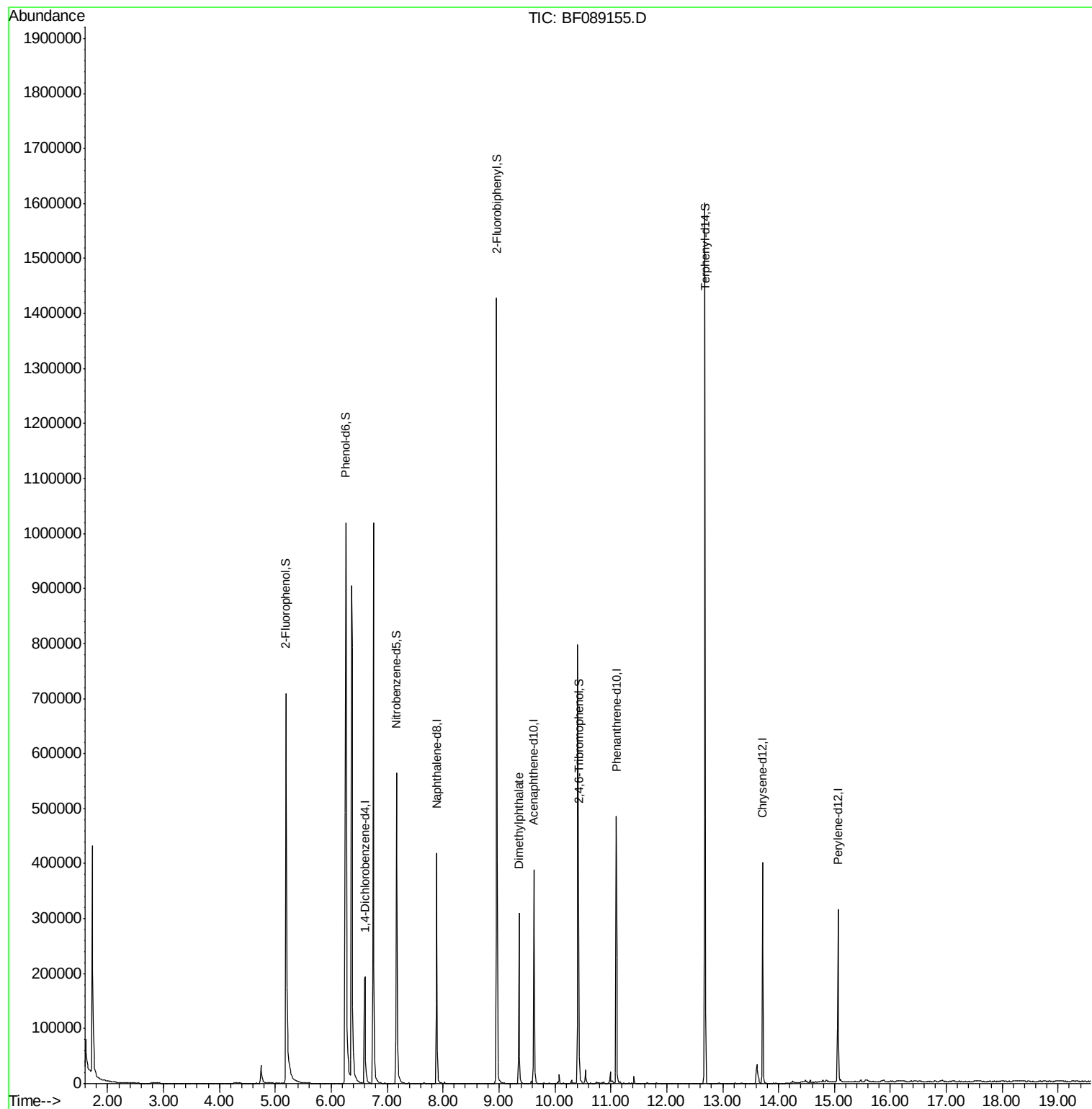
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52986	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	233523	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	105328	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	210792	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	166848	20.00	ng	-0.01
86) Perylene-d12	15.06	264	126360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	368659	105.82	ng	0.00
7) Phenol-d6	6.26	99	515965	114.84	ng	-0.01
23) Nitrobenzene-d5	7.16	82	295690	67.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	106215	112.01	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	509156	66.60	ng	-0.01
78) Terphenyl-d14	12.69	244	478238	62.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	133324	16.50	ng	Qvalue 99

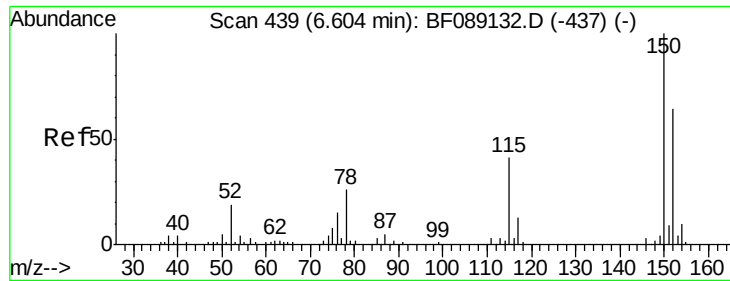
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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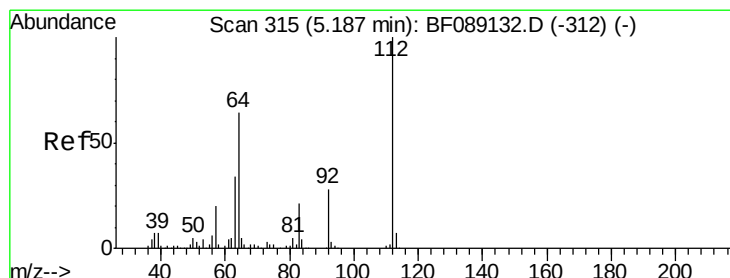
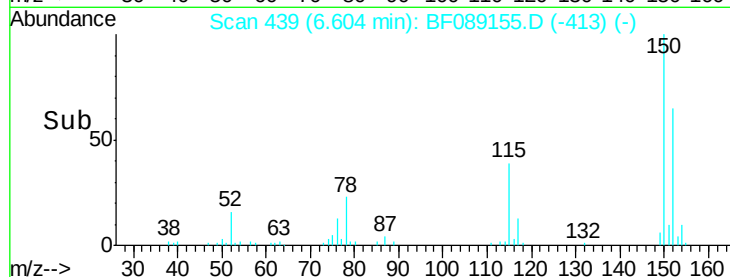
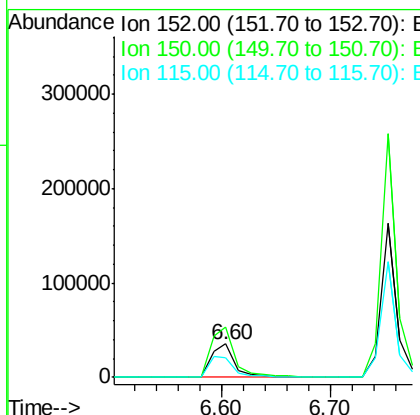
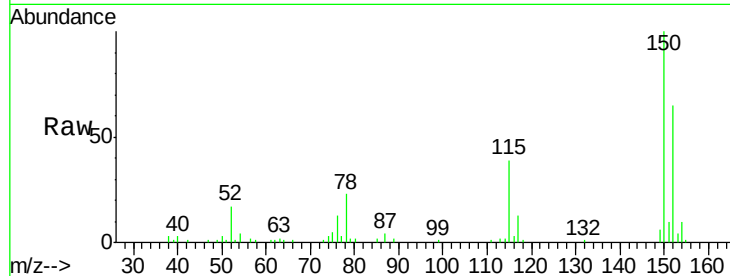




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

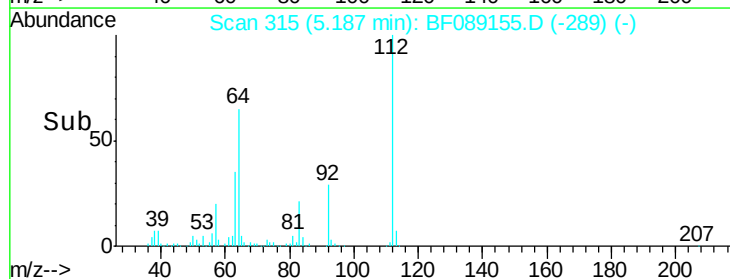
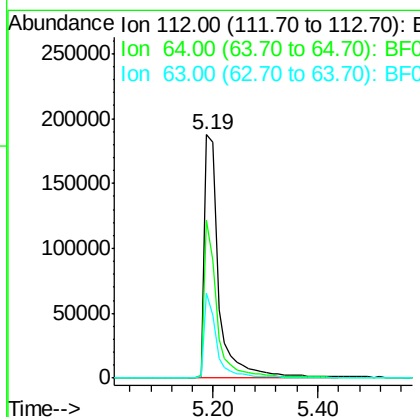
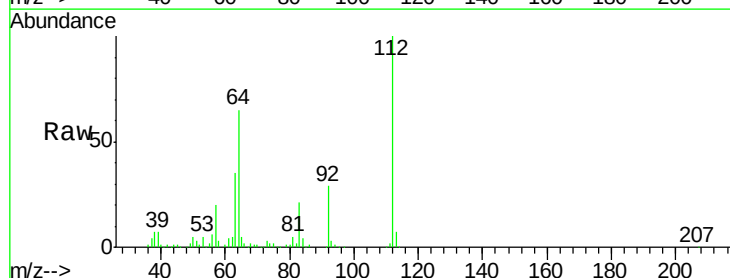
Instrument :
 BNA_F
 ClientSampleId :
 KSB-06-10.0-12.0

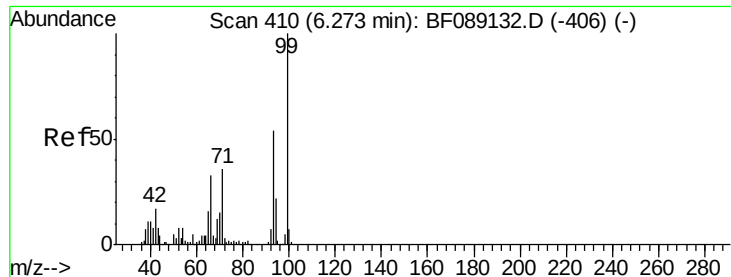
Tgt Ion:152 Resp: 52986
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.1 187.7
 115 60.1 51.1 76.7



#5
 2-Fluorophenol
 Concen: 105.82 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

Tgt Ion:112 Resp: 368659
 Ion Ratio Lower Upper
 112 100
 64 64.9 51.0 76.4
 63 34.9 27.3 40.9





#7

Phenol-d6

Concen: 114.84 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089155.D

Acq: 21 Jul 2016 2:51

Instrument :

BNA_F

ClientSampleId :

KSB-06-10.0-12.0

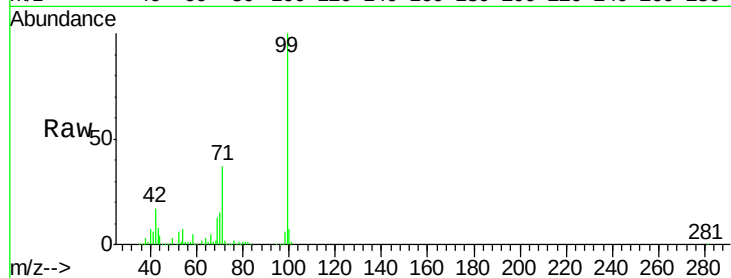
Tgt Ion: 99 Resp: 515965

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

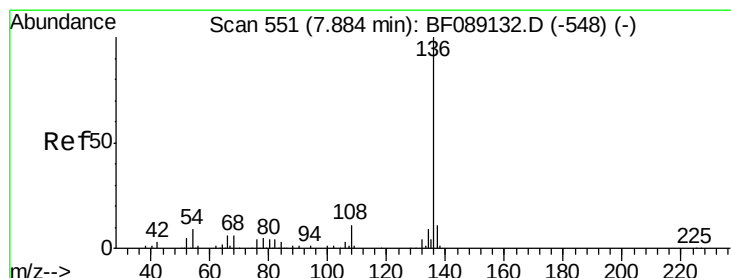
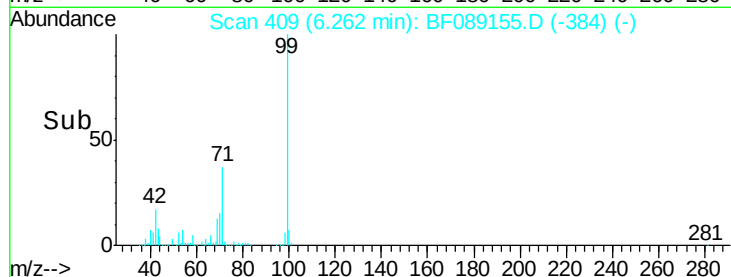
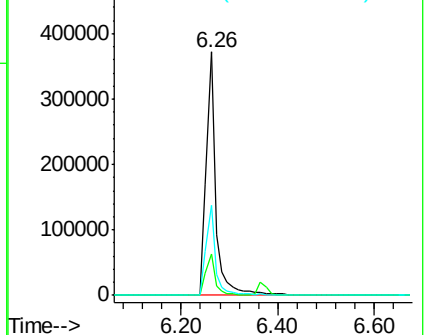
71 37.2 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089155.D

Acq: 21 Jul 2016 2:51

Tgt Ion: 136 Resp: 233523

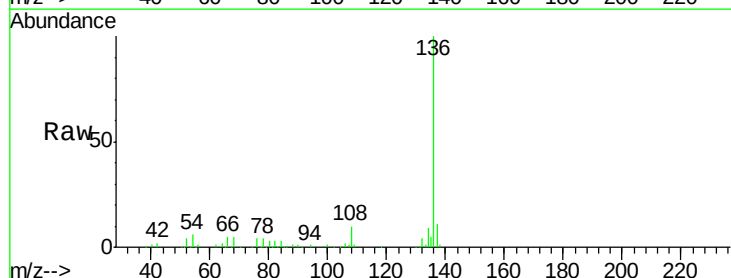
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.4 7.0 10.4#

68 5.1 5.0 7.6

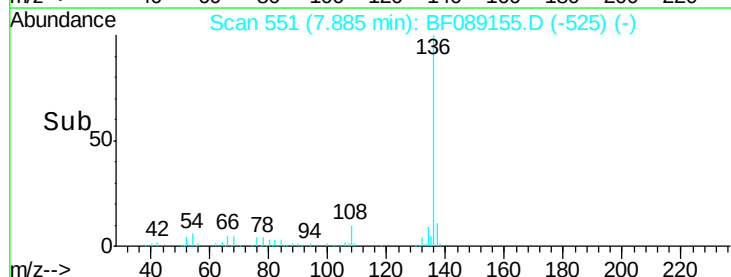
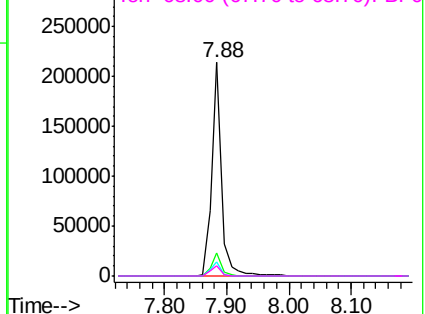


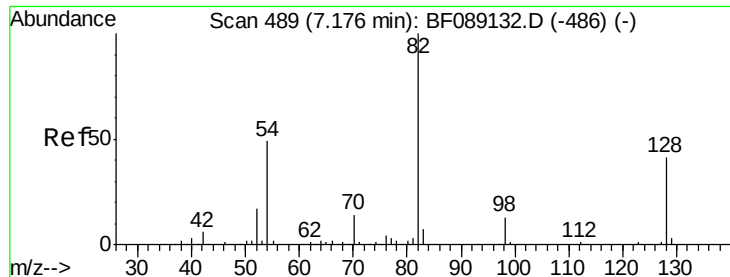
Abundance Ion 136.00 (135.70 to 136.70): E

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

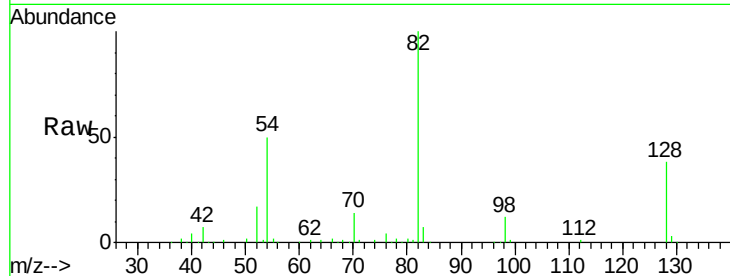




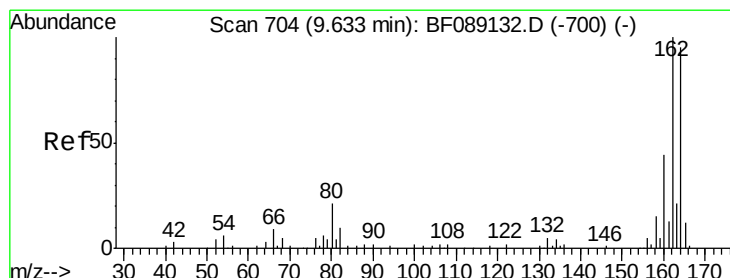
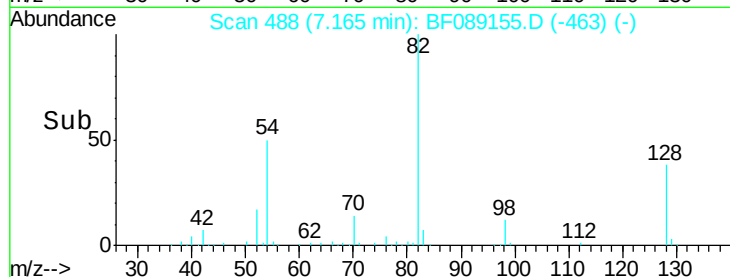
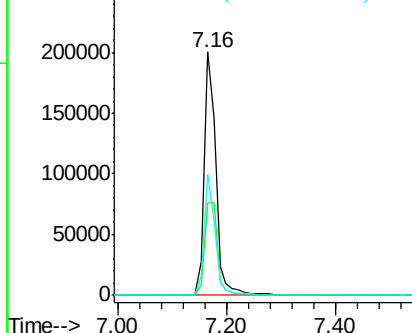
#23
 Nitrobenzene-d5
 Concen: 67.28 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 KSB-06-10.0-12.0

Tgt Ion: 82 Resp: 295690
 Ion Ratio Lower Upper
 82 100
 128 38.2 33.0 49.6
 54 49.7 39.0 58.4

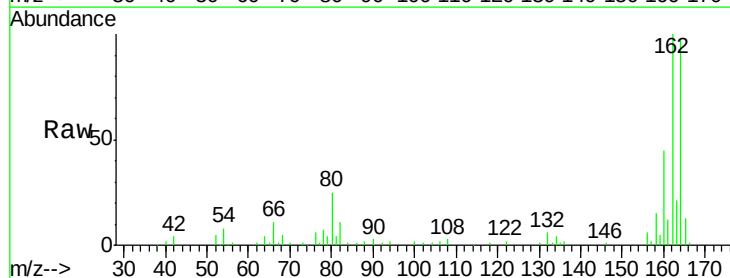


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

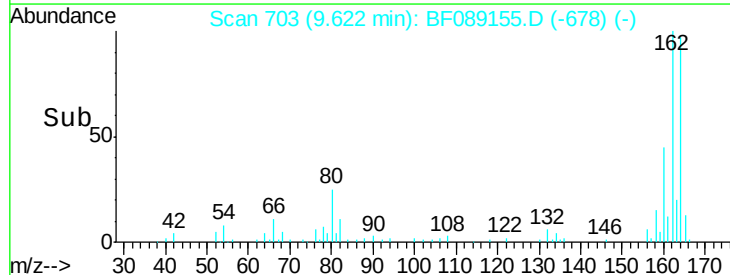
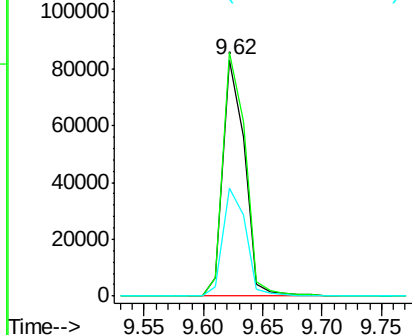


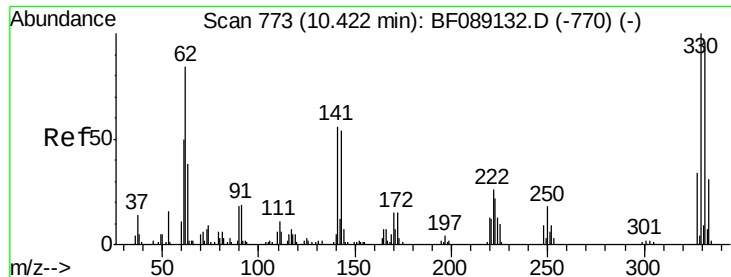
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

Tgt Ion: 164 Resp: 105328
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.1 126.1
 160 46.0 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

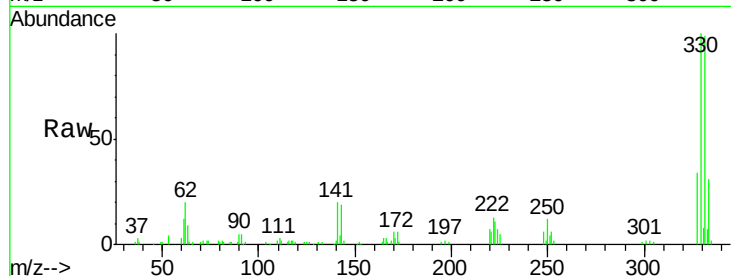




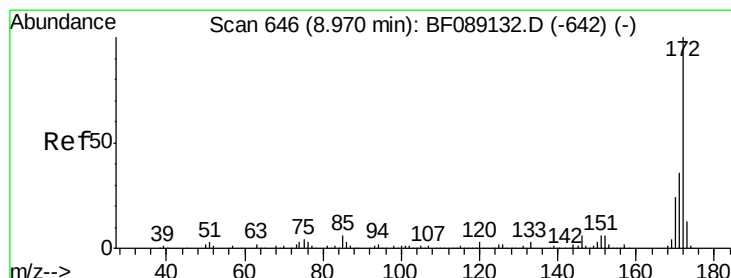
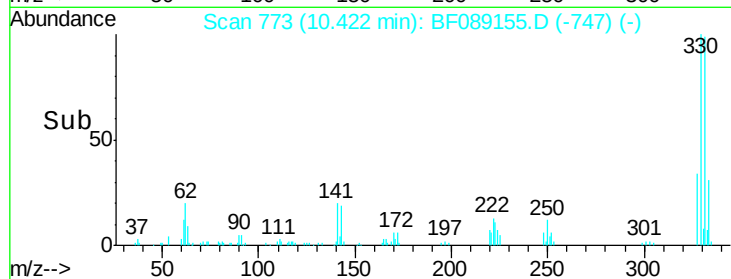
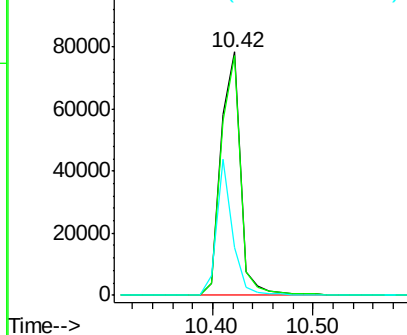
#41
 2,4,6-Tribromophenol
 Concen: 112.01 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 KSB-06-10.0-12.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.2	115.8
141	45.4	42.2	63.2

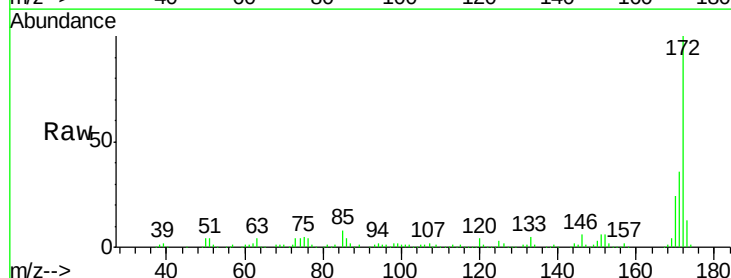


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

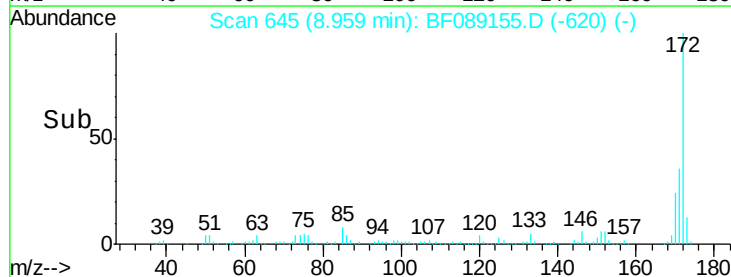
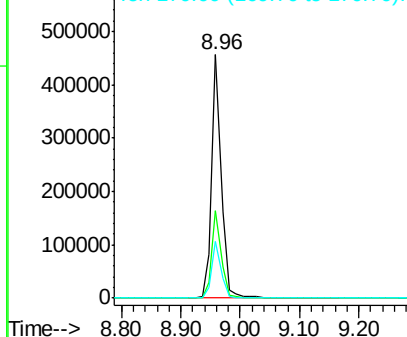


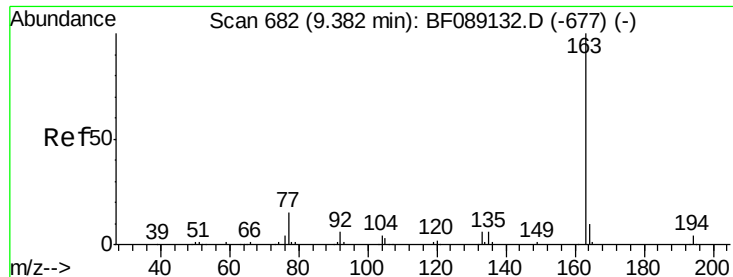
#44
 2-Fluorobiphenyl
 Concen: 66.60 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.6	19.1	28.7



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

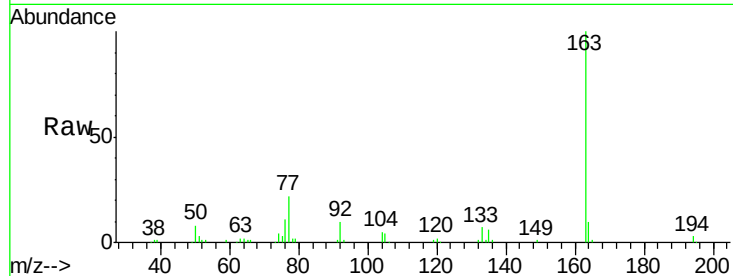




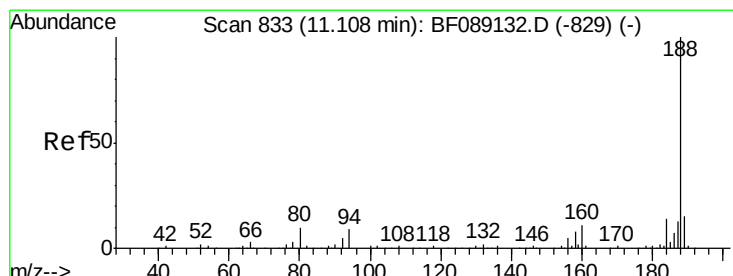
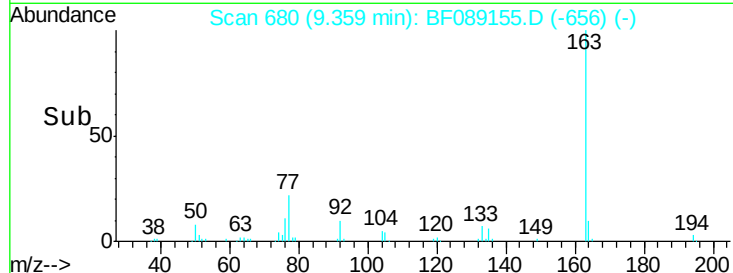
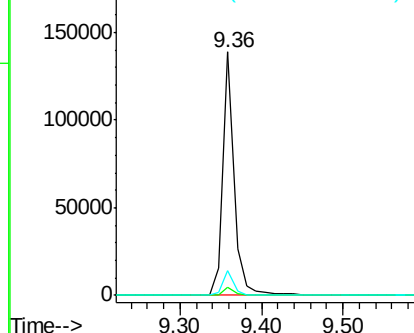
#49
Dimethylphthalate
Concen: 16.50 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089155.D
Acq: 21 Jul 2016 2:51

Instrument :
BNA_F
ClientSampleId :
KSB-06-10.0-12.0

Tgt Ion:163 Resp: 133324
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.1 7.6 11.4

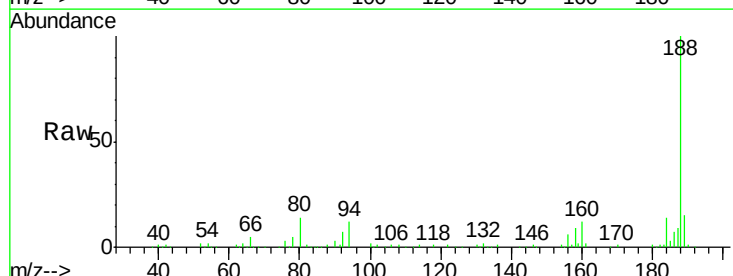


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

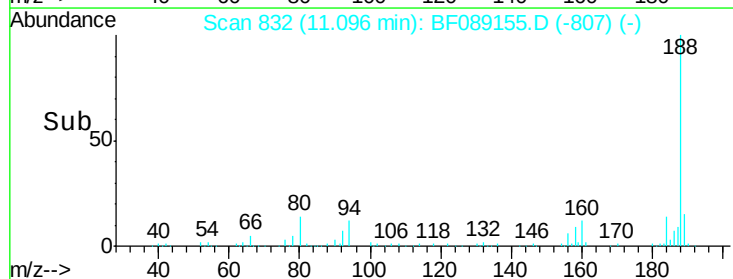
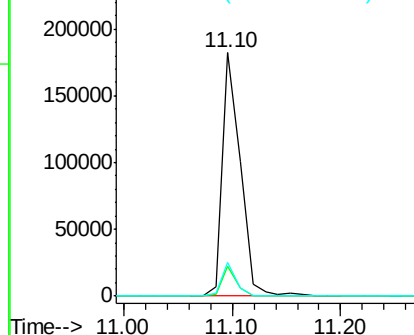


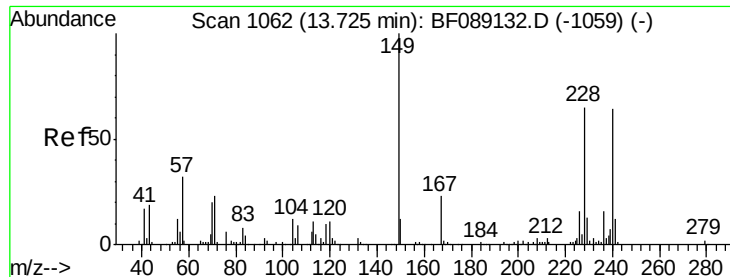
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089155.D
Acq: 21 Jul 2016 2:51

Tgt Ion:188 Resp: 210792
Ion Ratio Lower Upper
188 100
94 12.1 7.0 10.4#
80 14.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089155.D

Acq: 21 Jul 2016 2:51

Instrument :

BNA_F

ClientSampleId :

KSB-06-10.0-12.0

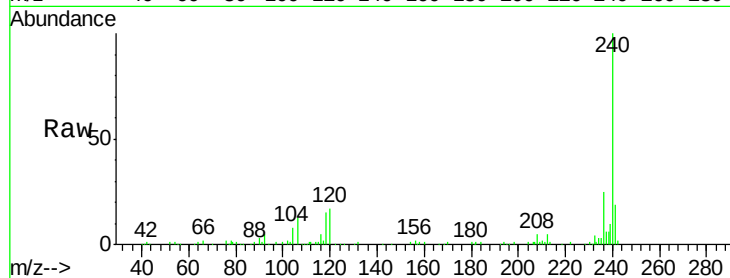
Tgt Ion:240 Resp: 166848

Ion Ratio Lower Upper

240 100

120 16.9 13.6 20.4

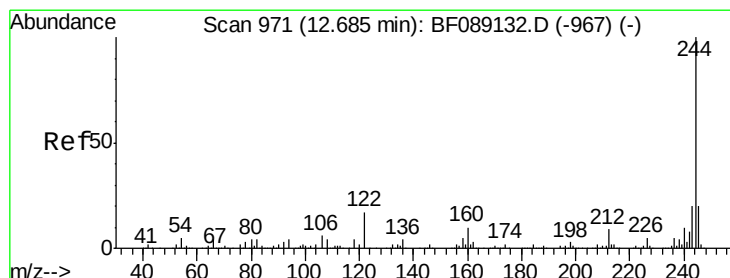
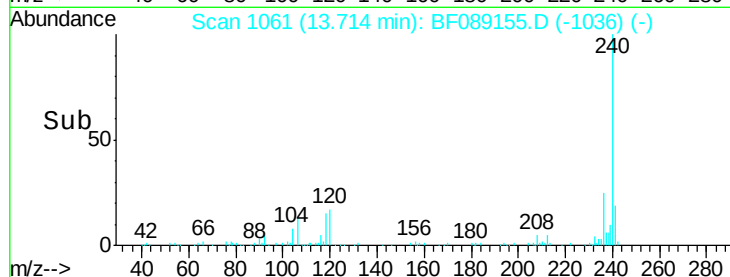
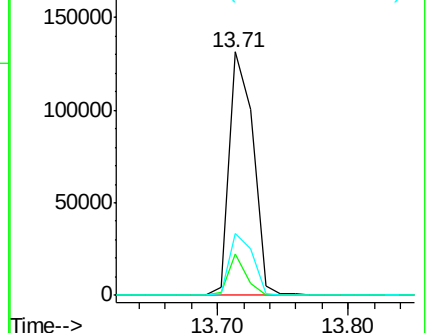
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 62.17 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089155.D

Acq: 21 Jul 2016 2:51

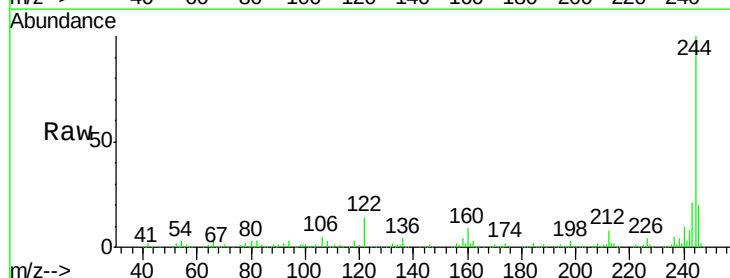
Tgt Ion:244 Resp: 478238

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

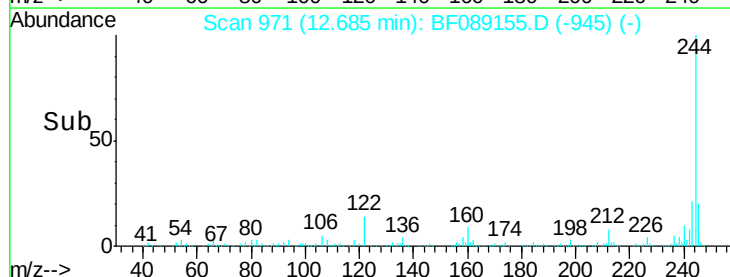
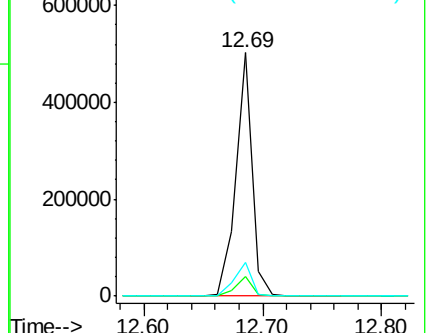
122 14.0 13.8 20.8

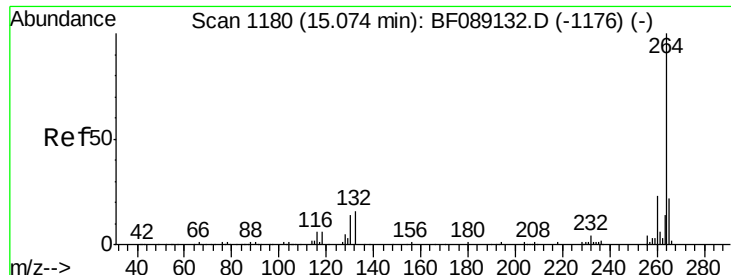


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089155.D
Acq: 21 Jul 2016 2:51

Instrument :
BNA_F
ClientSampleId :
KSB-06-10.0-12.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.4	17.3	25.9

