

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089216.D
 Acq On : 23 Jul 2016 3:13
 Operator : UM/SJ
 Sample : H4129-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-13-6.0-8.0

Quant Time: Jul 25 00:56:55 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

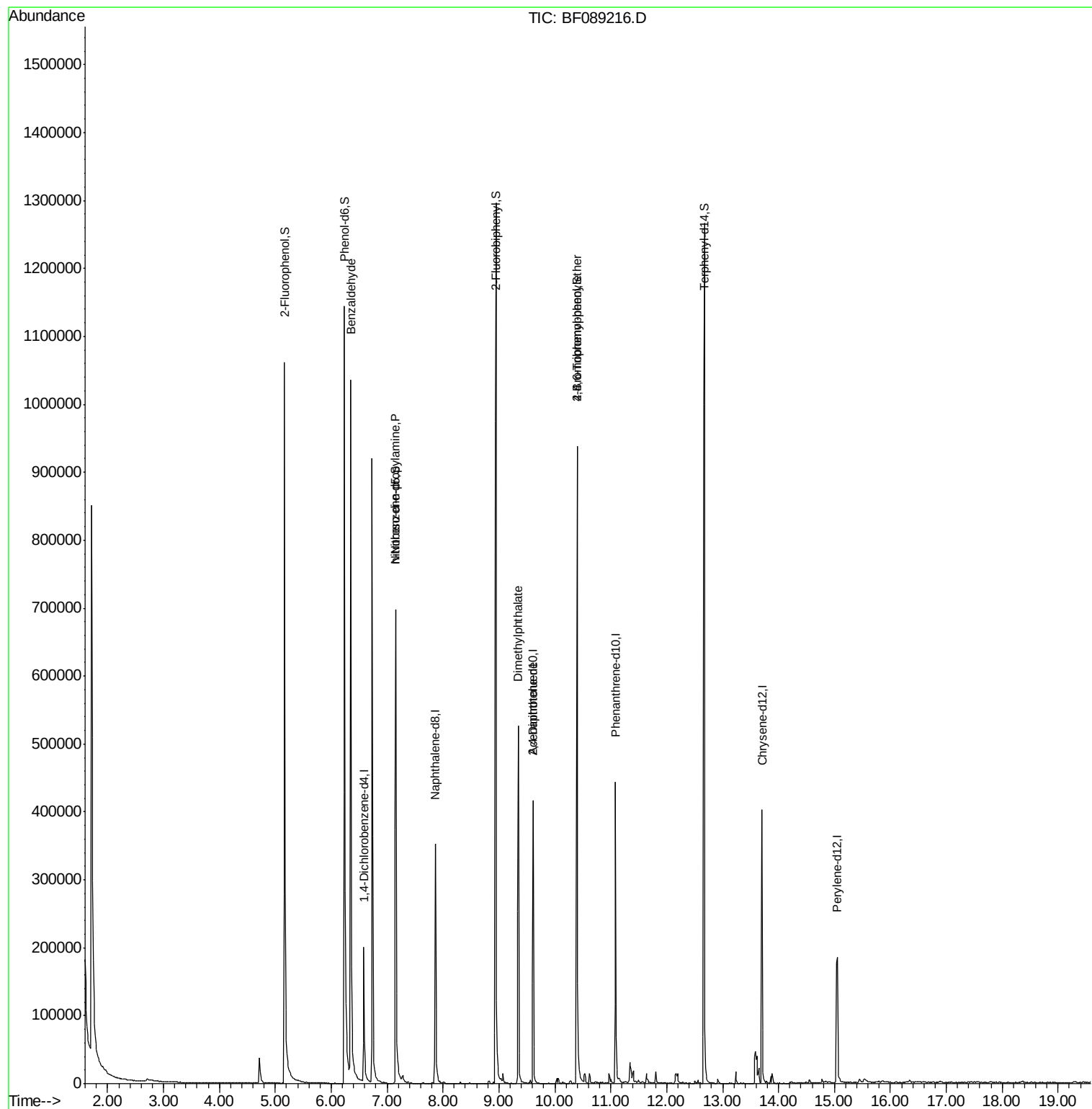
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45285	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	201650	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	96411	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	190945	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	145746	20.00	ng	-0.02
86) Perylene-d12	15.05	264	108210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	404106	135.72	ng	-0.02
7) Phenol-d6	6.24	99	559324	145.67	ng	-0.03
23) Nitrobenzene-d5	7.15	82	347961	91.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	119905	138.14	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	615458	87.96	ng	-0.02
78) Terphenyl-d14	12.67	244	558728	83.15	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	10015	3.74	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.15	70	45637	18.17	ng	# 77
49) Dimethylphthalate	9.35	163	278361	37.62	ng	99
56) 2,4-Dinitrotoluene	9.61	165	12110	5.63	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9190	4.86	ng	# 1

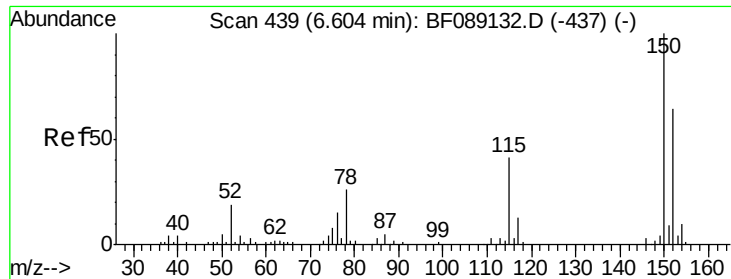
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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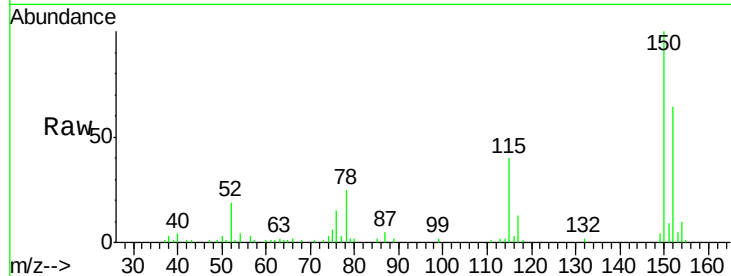




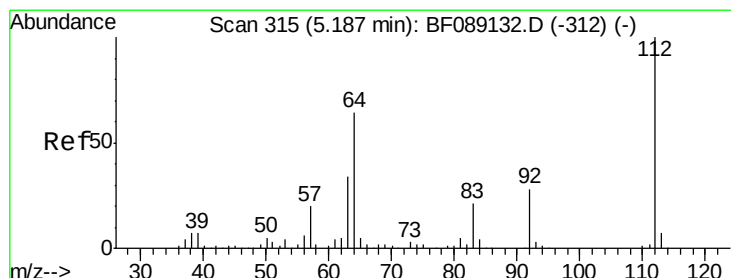
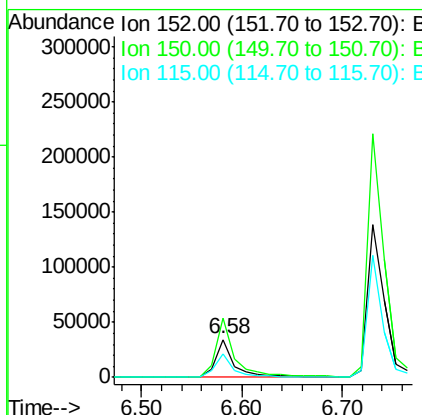
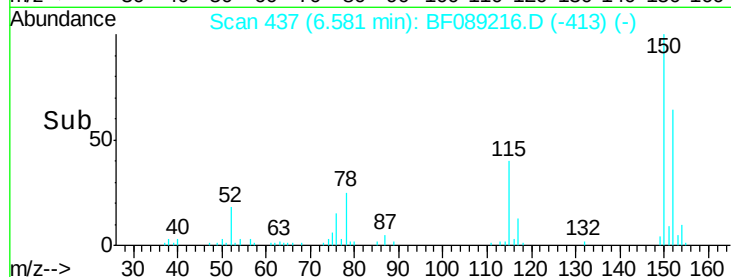
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 KSB-13-6.0-8.0

Tgt Ion:152 Resp: 45285
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.1 187.7
 115 62.4 51.1 76.7

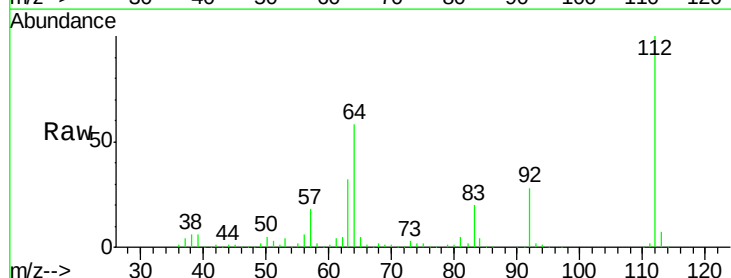


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

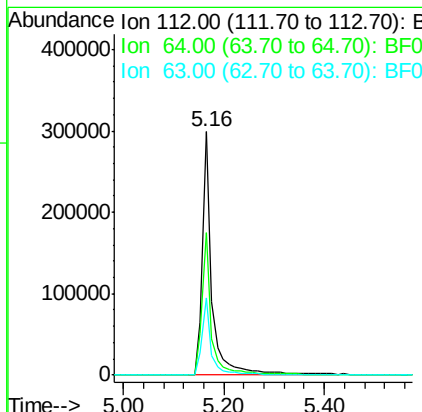
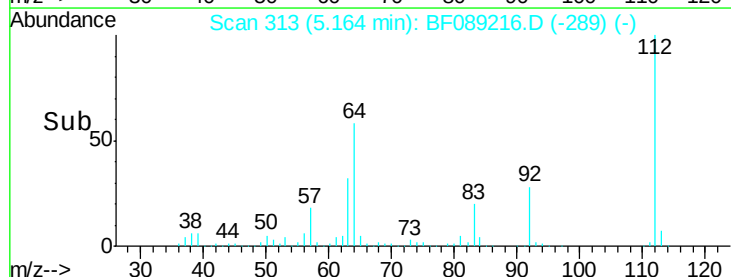


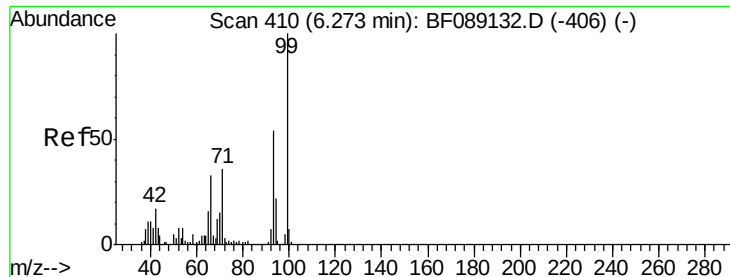
#5
 2-Fluorophenol
 Concen: 135.72 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

Tgt Ion:112 Resp: 404106
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.0 76.4
 63 31.9 27.3 40.9



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: 145.67 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

Instrument :

BNA_F

ClientSampleId :

KSB-13-6.0-8.0

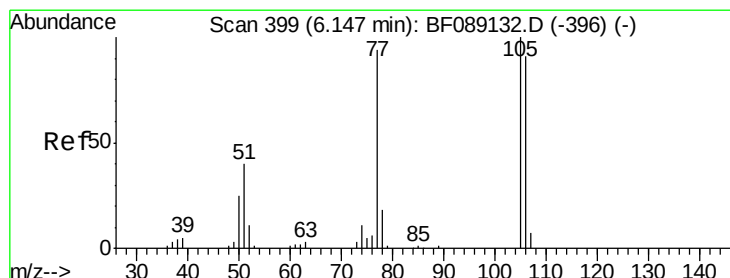
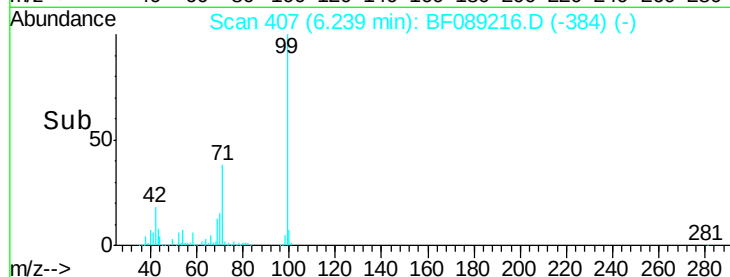
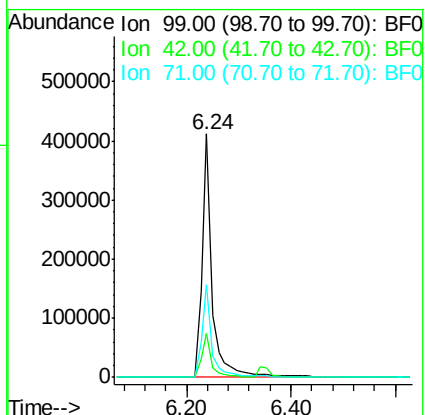
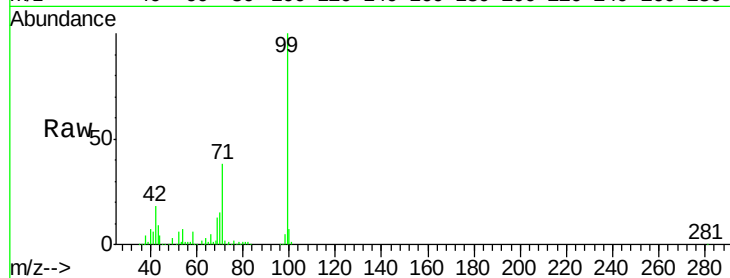
Tgt Ion: 99 Resp: 559324

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 38.0 28.9 43.3



#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

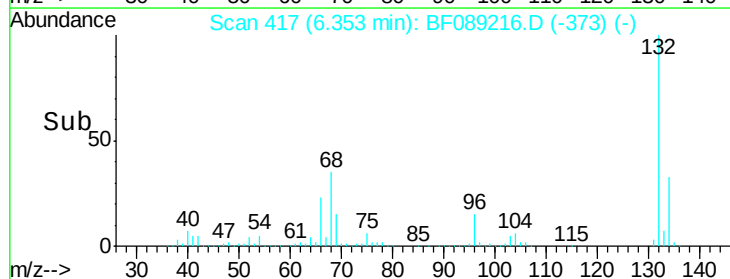
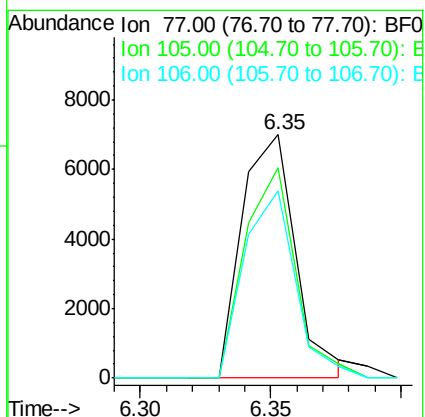
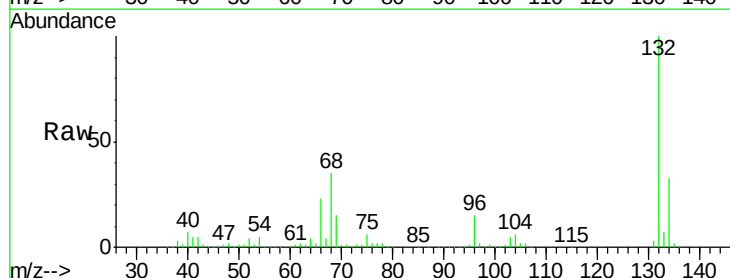
Tgt Ion: 77 Resp: 10015

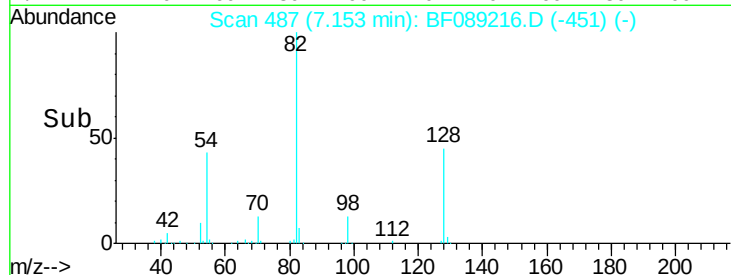
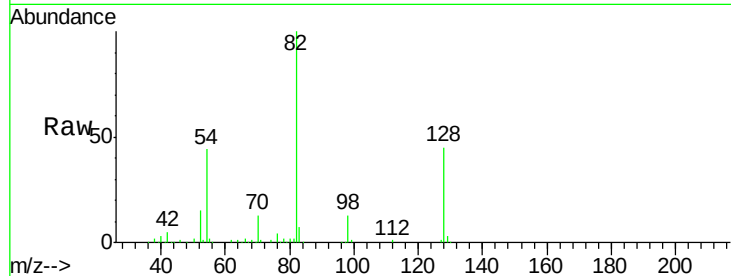
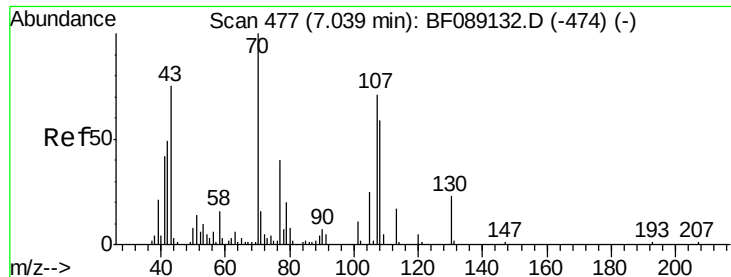
Ion Ratio Lower Upper

77 100

105 86.4 86.2 126.2

106 76.7 76.3 116.3

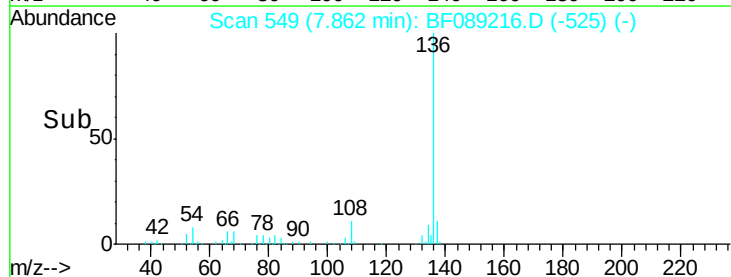
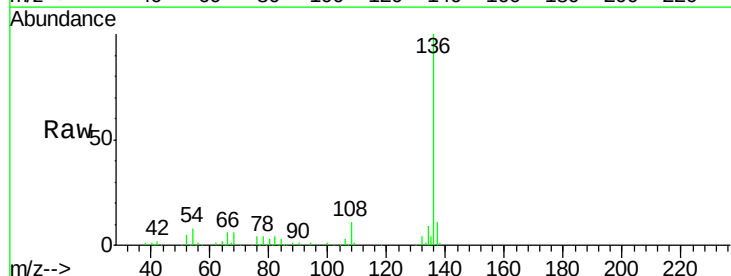
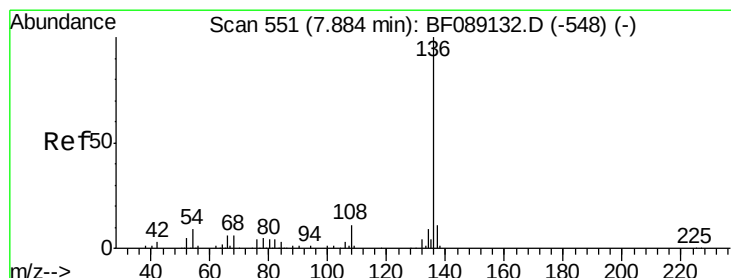
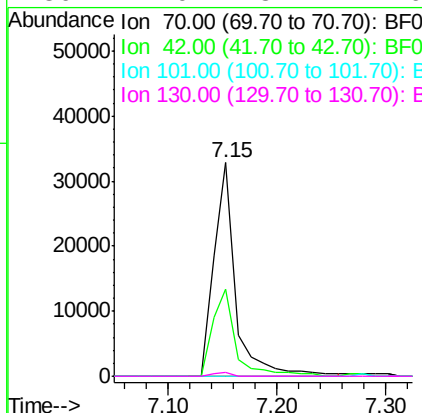




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

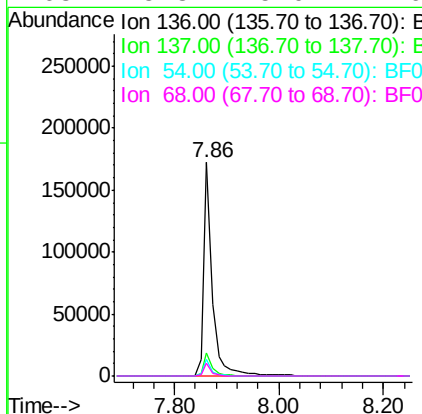
Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

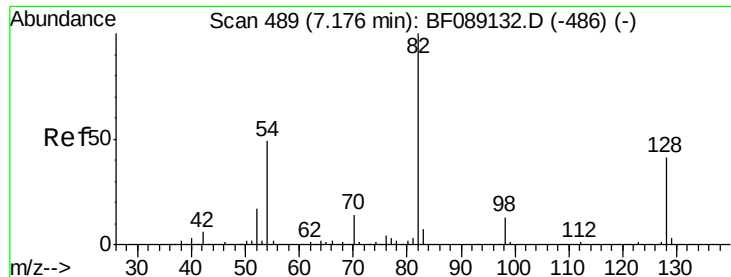
Tgt Ion: 70 Resp: 45637
Ion Ratio Lower Upper
70 100
42 40.7 39.2 58.8
101 0.0 8.5 12.7#
130 2.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion: 136 Resp: 201650
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.0 10.4
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.69 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

Instrument :

BNA_F

ClientSampleId :

KSB-13-6.0-8.0

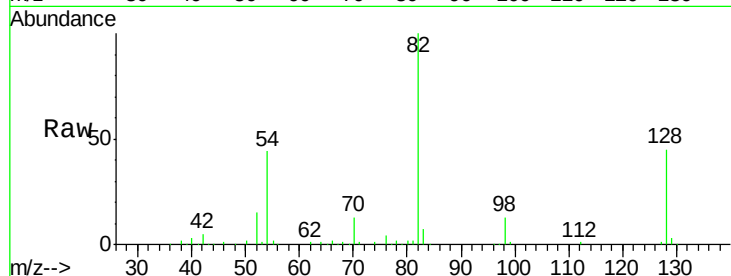
Tgt Ion: 82 Resp: 347961

Ion Ratio Lower Upper

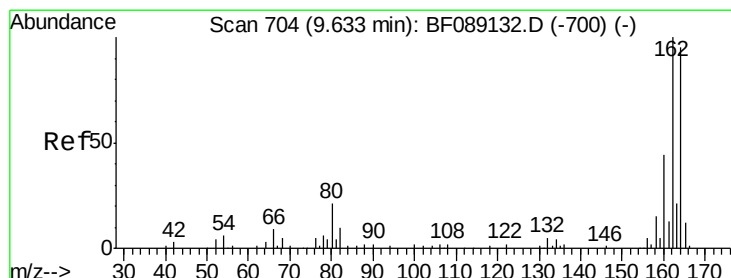
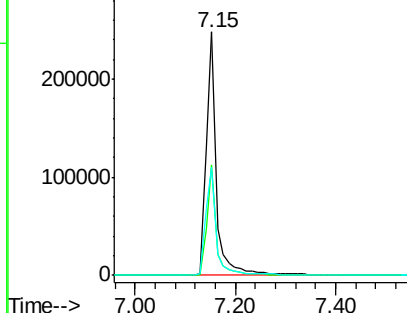
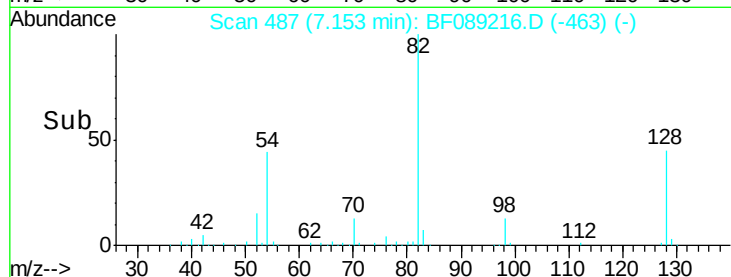
82 100

128 45.4 33.0 49.6

54 44.5 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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

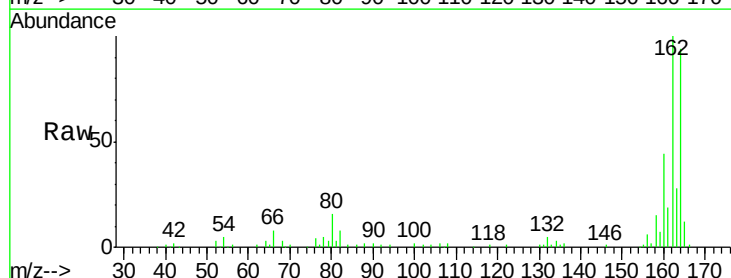
Tgt Ion: 164 Resp: 96411

Ion Ratio Lower Upper

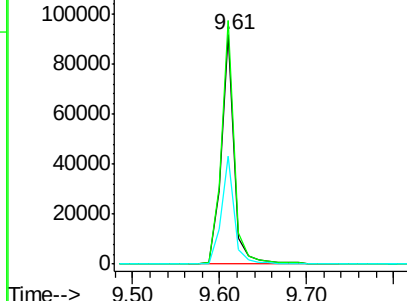
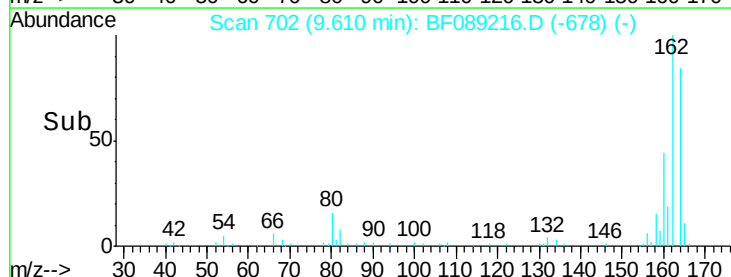
164 100

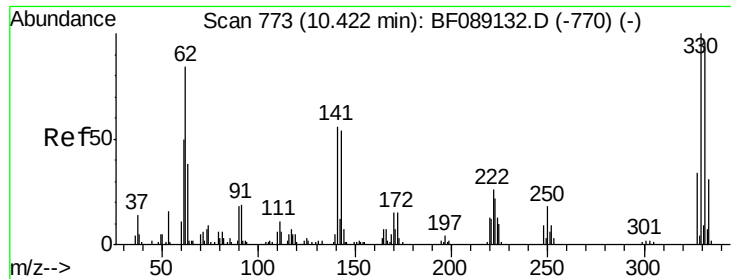
162 106.2 84.1 126.1

160 47.0 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

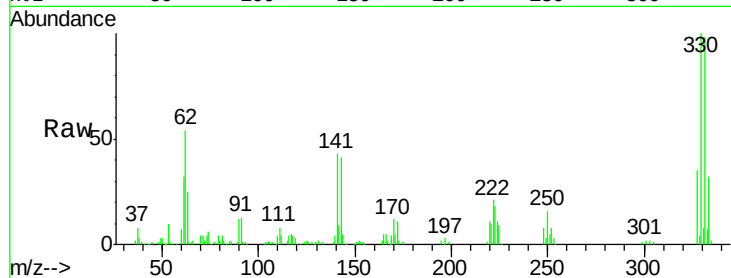




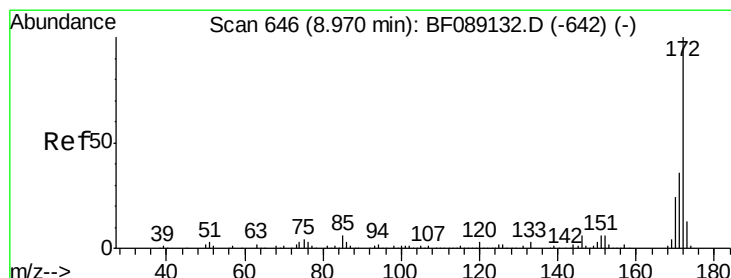
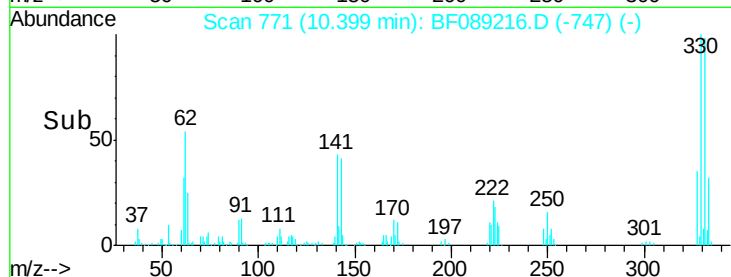
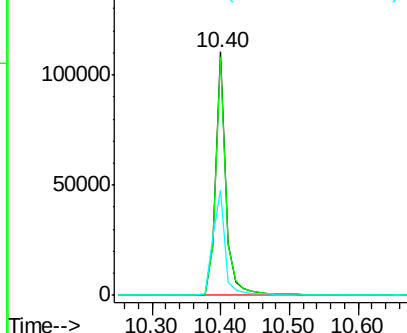
#41
 2,4,6-Tribromophenol
 Concen: 138.14 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

Instrument :
 BNA_F
 ClientSampleId :
 KSB-13-6.0-8.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	50.3	42.2	63.2

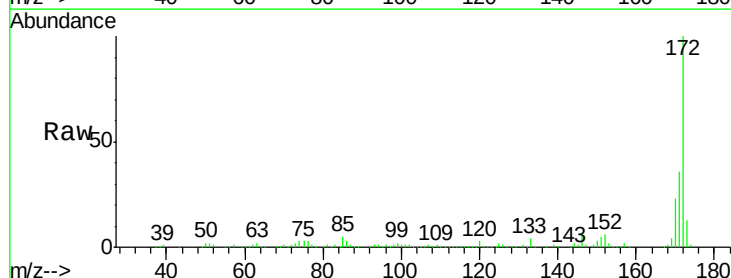


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

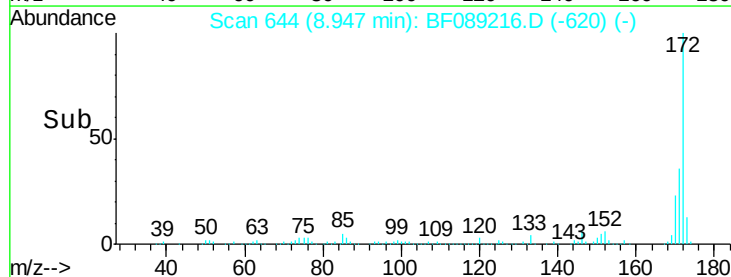
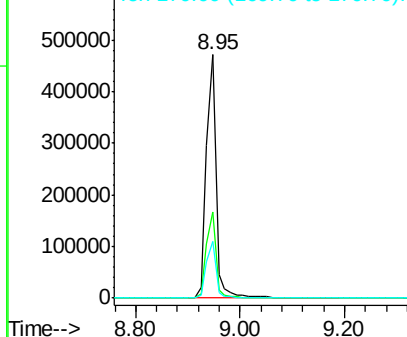


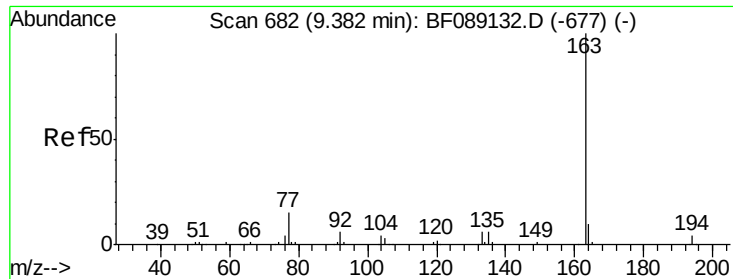
#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.5	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: 37.62 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

Instrument :

BNA_F

ClientSampleId :

KSB-13-6.0-8.0

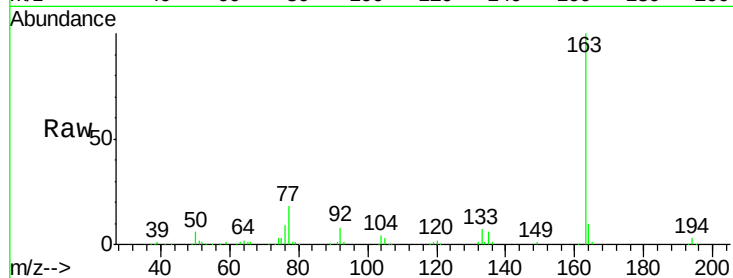
Tgt Ion:163 Resp: 278361

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

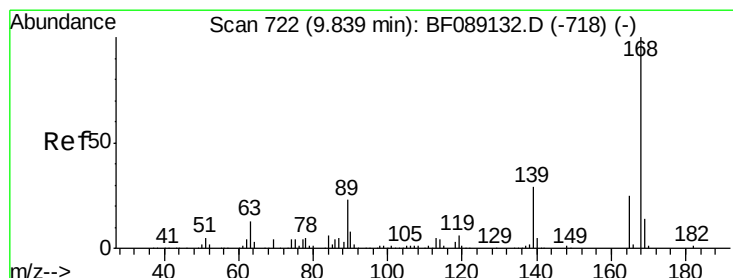
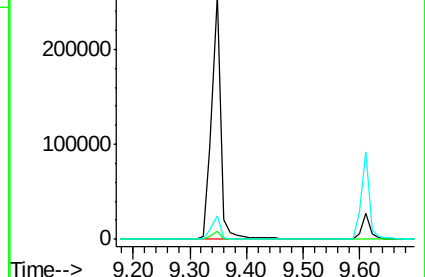
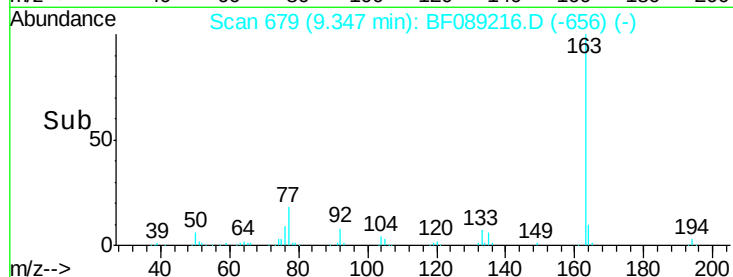
164 9.8 7.6 11.4



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



#56

2,4-Dinitrotoluene

Concen: 5.63 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

Tgt Ion:165 Resp: 12110

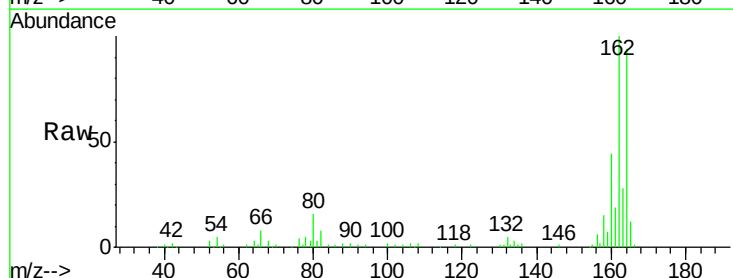
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

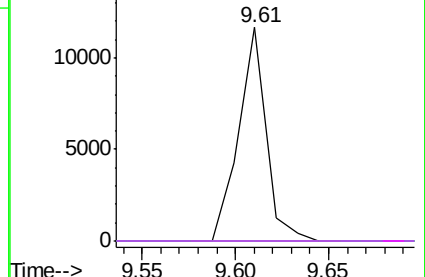
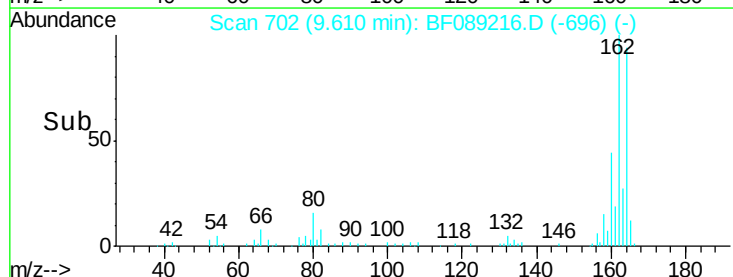


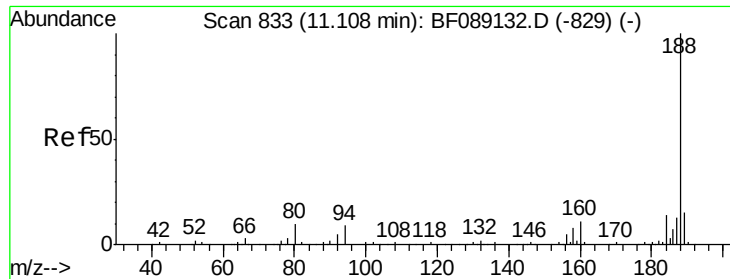
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

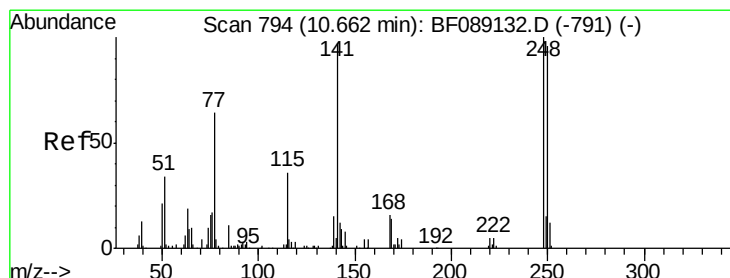
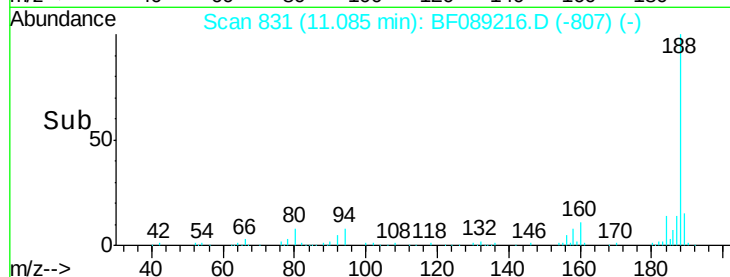
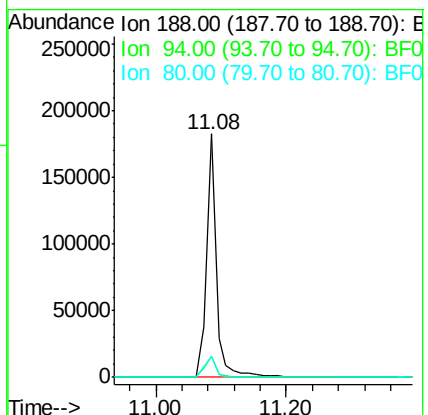
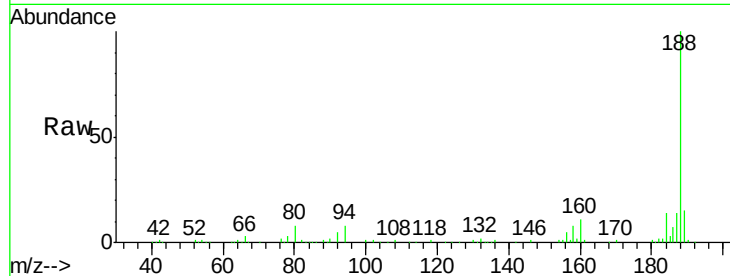




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

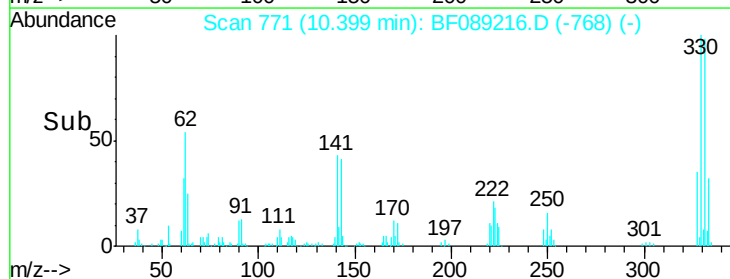
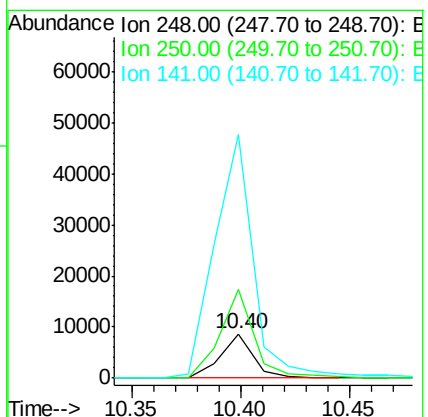
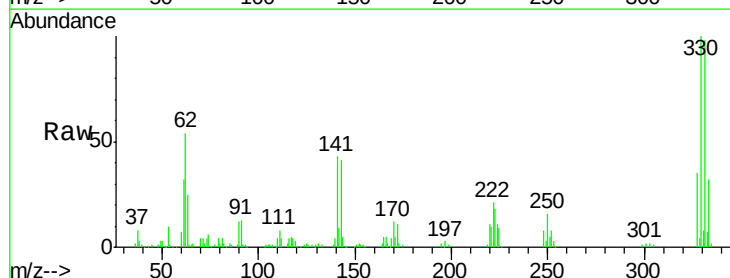
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 KSB-13-6.0-8.0

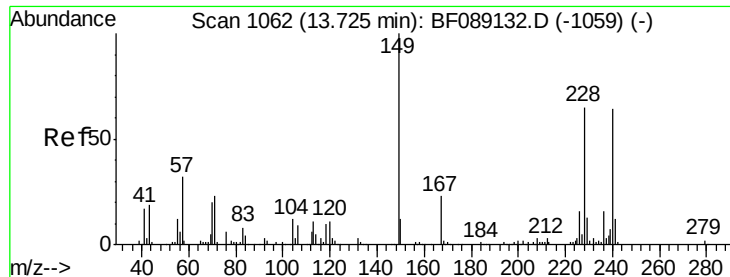
Tgt Ion:188 Resp: 190945
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.4
 80 8.5 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.86 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089216.D
 Acq: 23 Jul 2016 3:13

Tgt Ion:248 Resp: 9190
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.9 115.3#
 141 550.0 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

Instrument :

BNA_F

ClientSampleId :

KSB-13-6.0-8.0

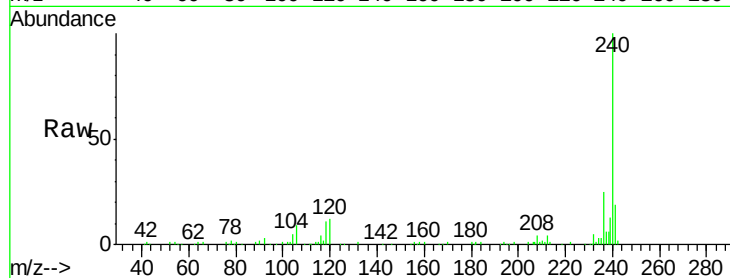
Tgt Ion:240 Resp: 145746

Ion Ratio Lower Upper

240 100

120 11.9 13.6 20.4#

236 25.4 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

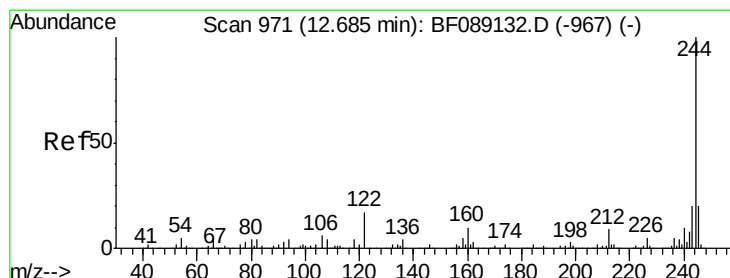
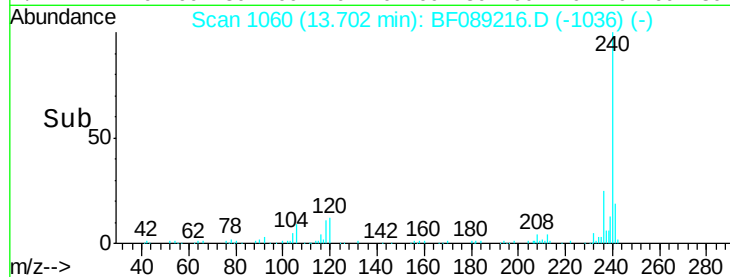
13.70

100000

50000

0

Time--> 13.60 13.70 13.80



#78

Terphenyl-d14

Concen: 83.15 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089216.D

Acq: 23 Jul 2016 3:13

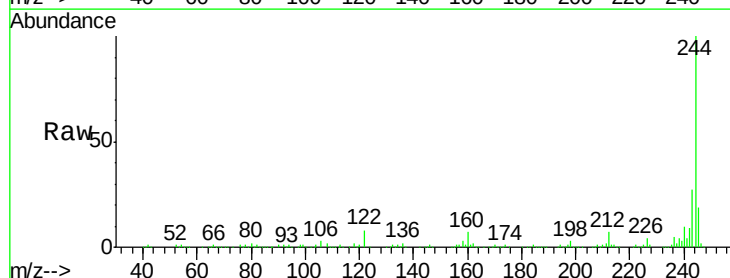
Tgt Ion:244 Resp: 558728

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

122 8.4 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

12.67

400000

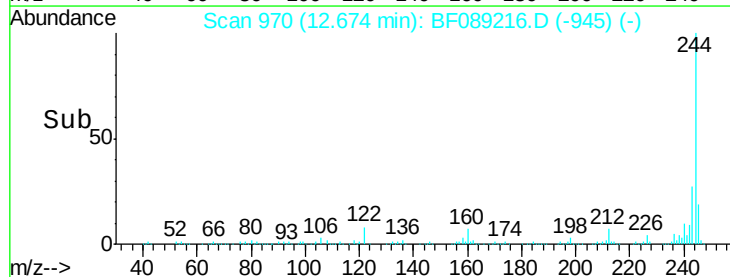
300000

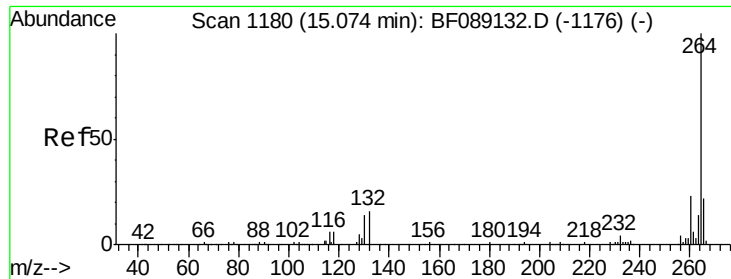
200000

100000

0

Time--> 12.60 12.80

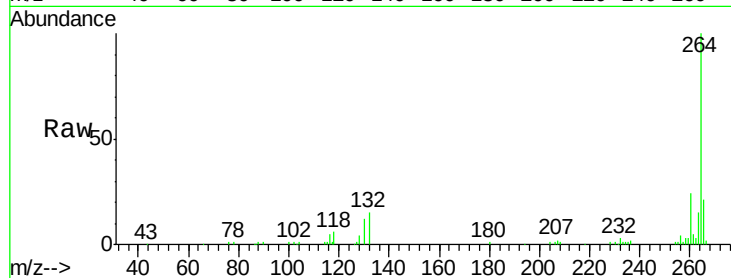




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

