

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 03:26:36 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

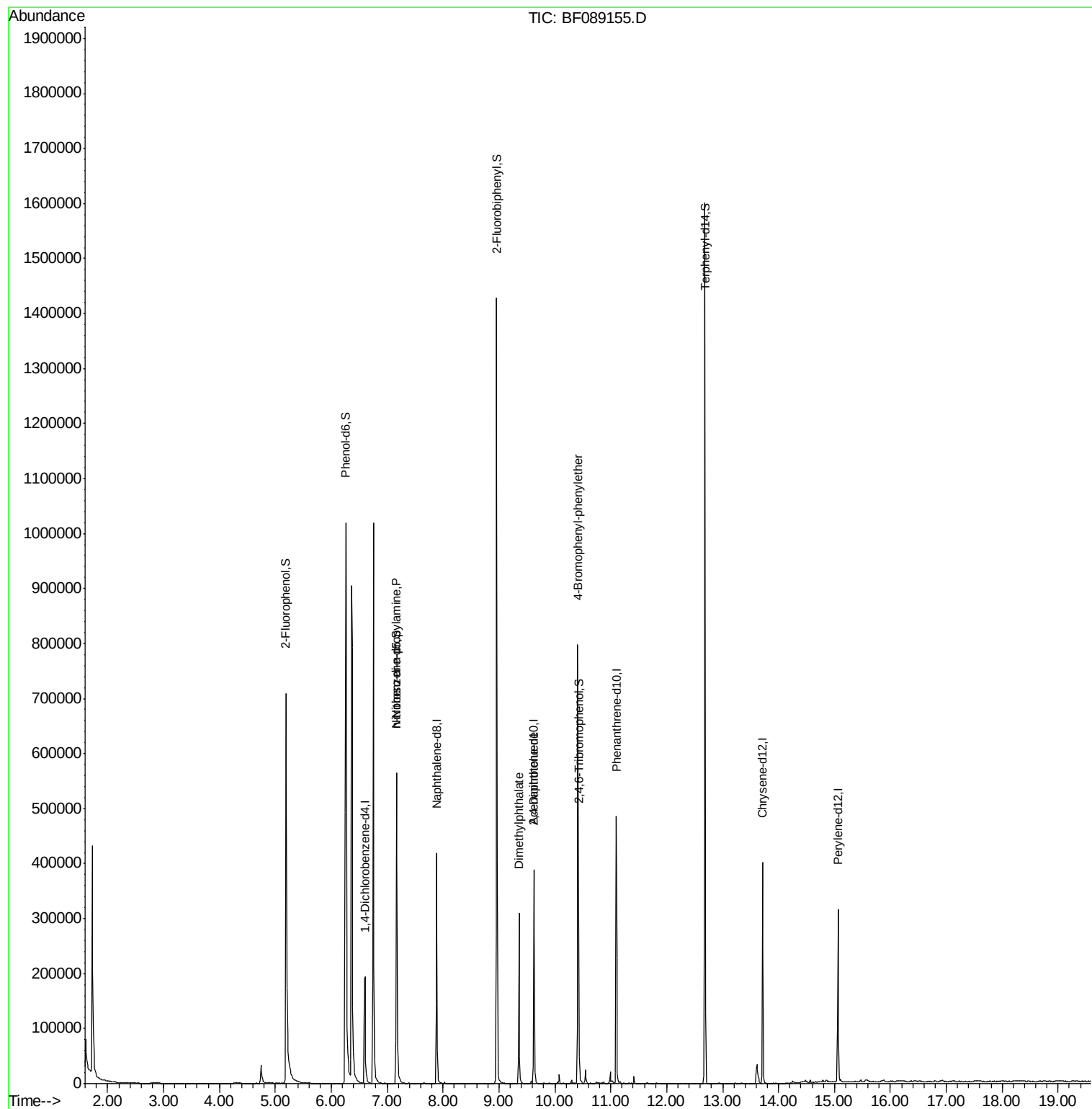
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52986	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	233523	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	105328	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	210792	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	166848	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						
9) Benzaldehyde	6.26	77	700	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	39155	13.32	ng	# 84
49) Dimethylphthalate	9.36	163	133324	16.50	ng	99
56) 2,4-Dinitrotoluene	9.62	165	13506	5.75	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	7933	3.80	ng	# 1

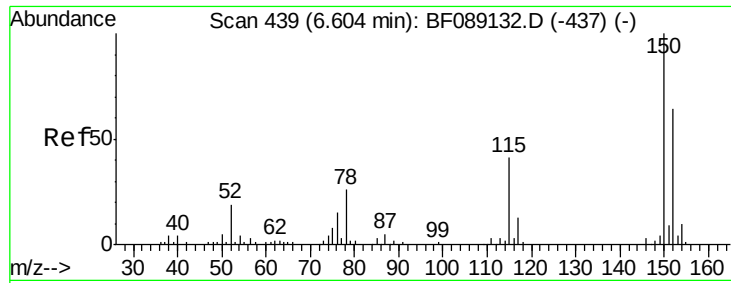
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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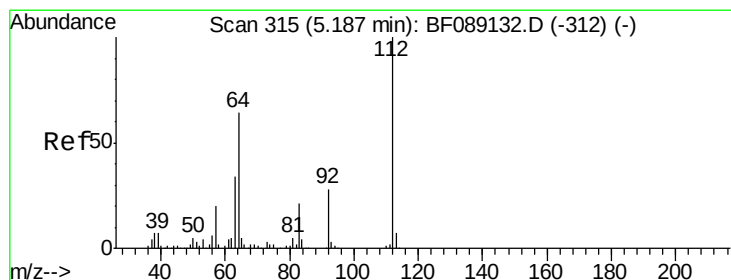
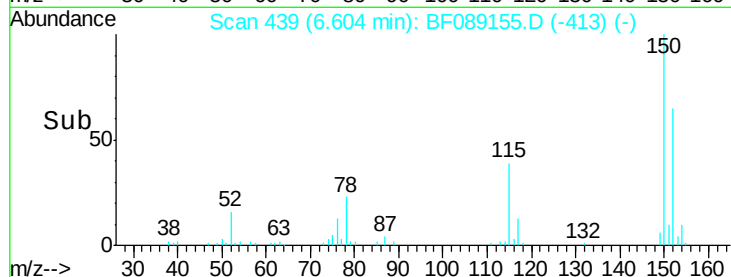
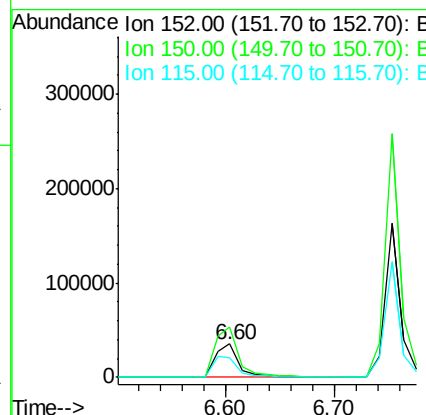
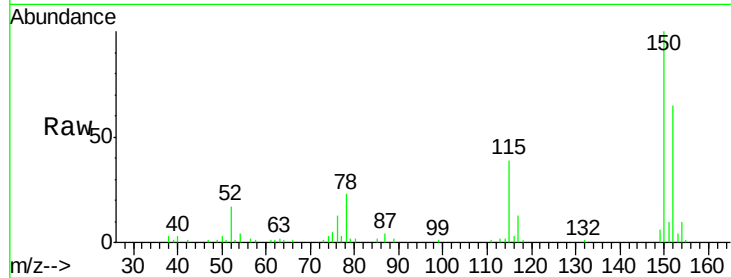




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

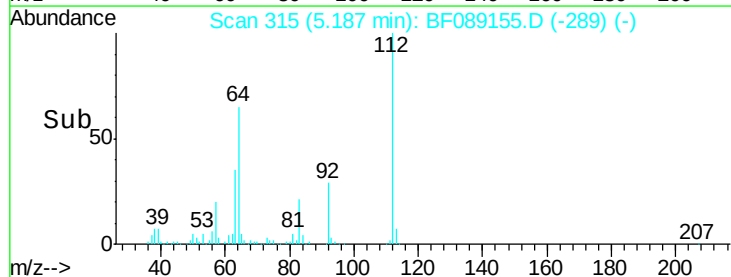
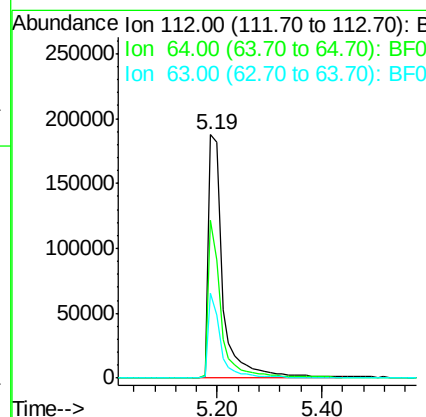
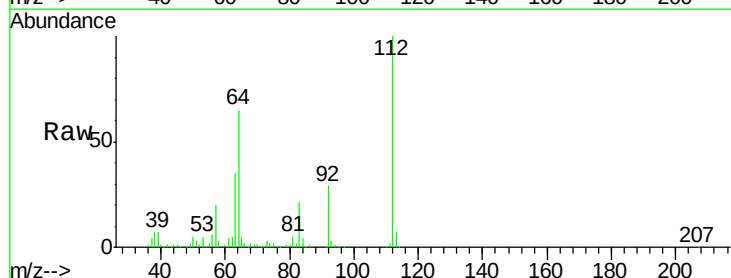
Instrument :
 BNA_F
 ClientSampleId :
 KSB-06-10.0-12.0

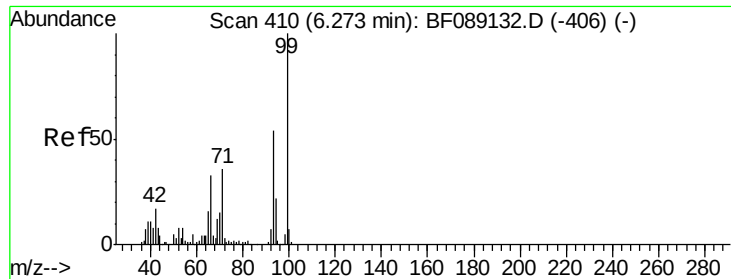
Tgt Ion:152 Resp: 52986
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.1 187.7
 115 60.1 51.1 76.7



#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

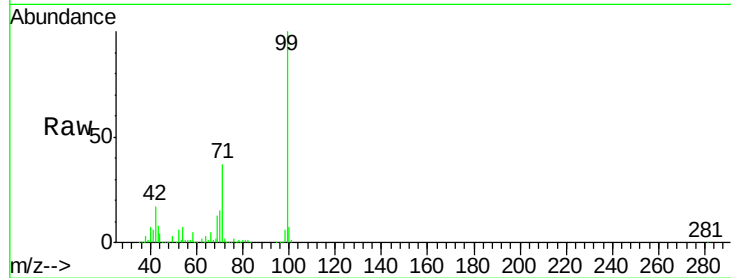
Tgt Ion: 99 Resp: 515965

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

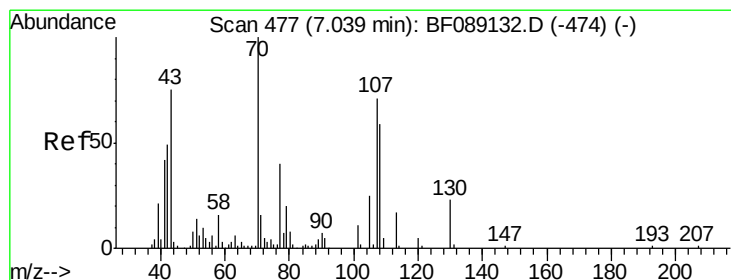
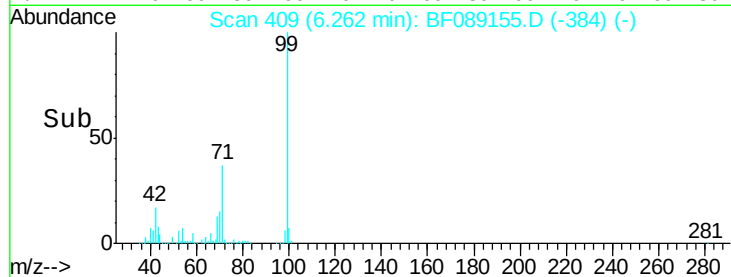
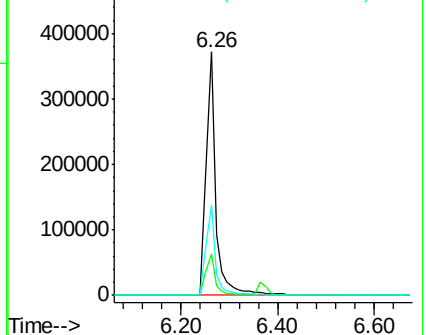
71 37.2 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.32 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089155.D

Acq: 21 Jul 2016 2:51

Tgt Ion: 70 Resp: 39155

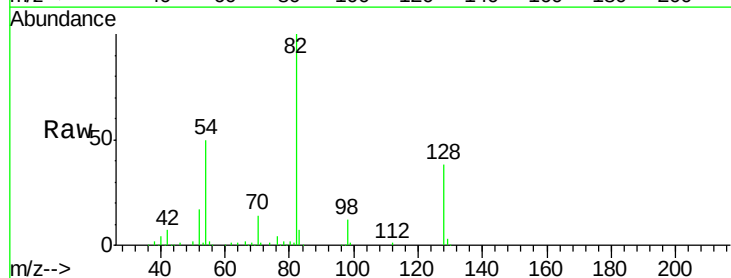
Ion Ratio Lower Upper

70 100

42 47.9 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#

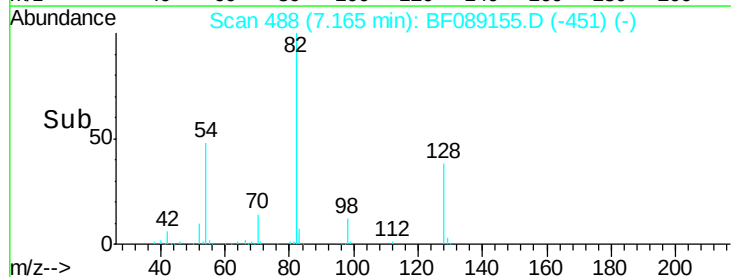
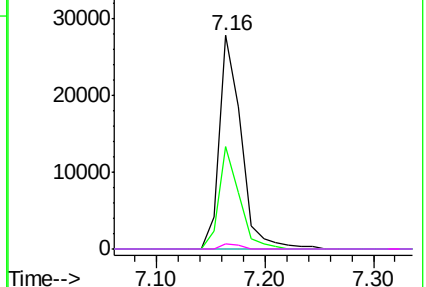


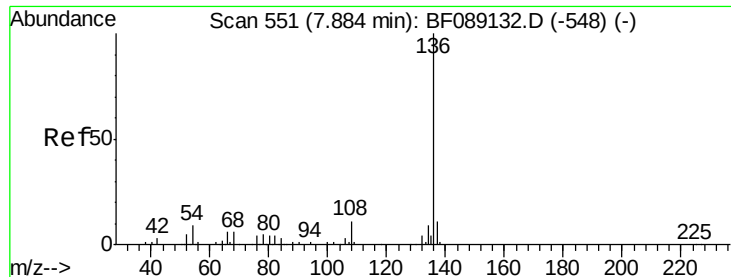
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

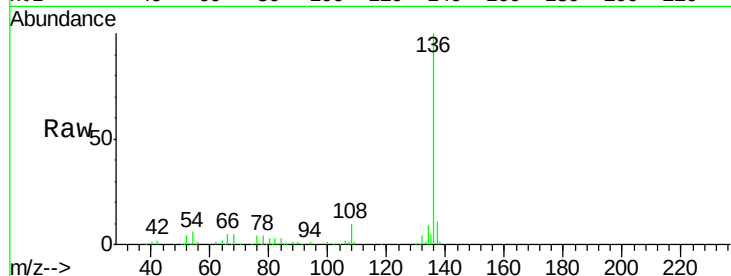




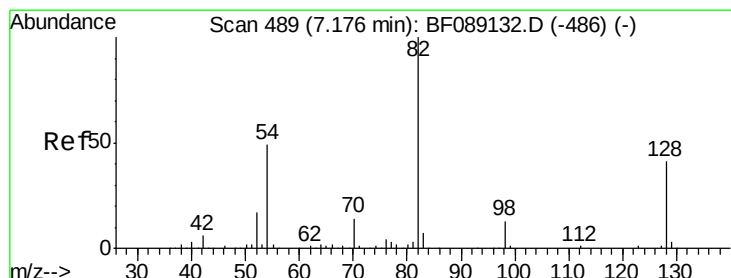
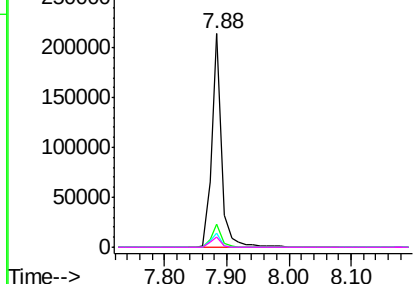
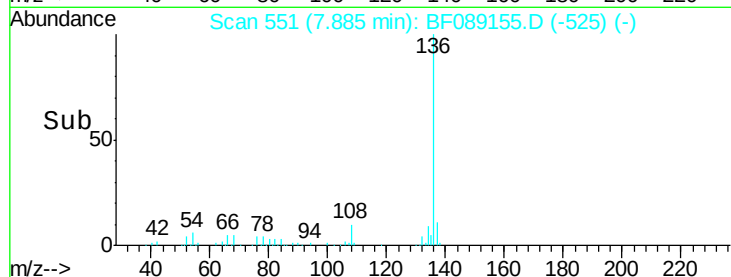
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089155.D
Acq: 21 Jul 2016 2:51

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

Tgt Ion:	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

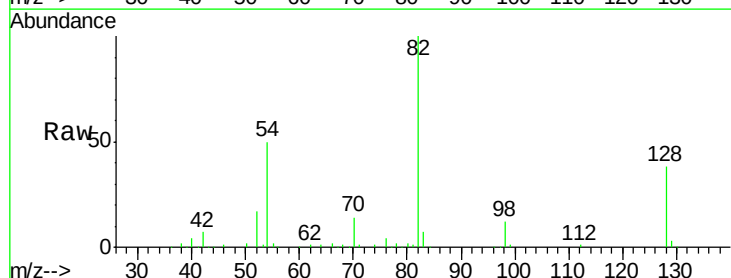


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

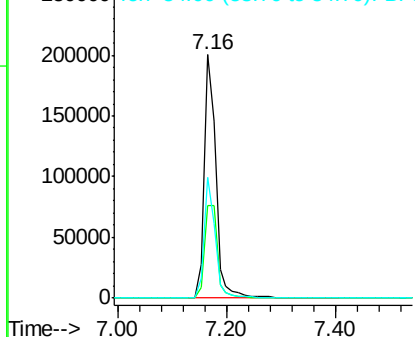
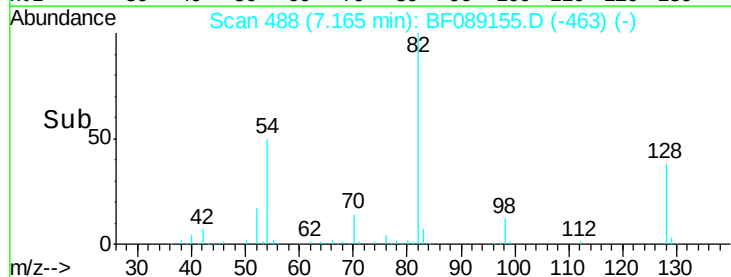


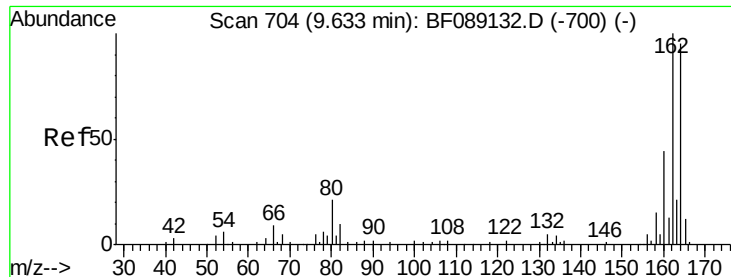
#23
Nitrobenzene-d5
Concen: 67.28 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089155.D
Acq: 21 Jul 2016 2:51

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

Instrument :

BNA_F

ClientSampleId :

KSB-06-10.0-12.0

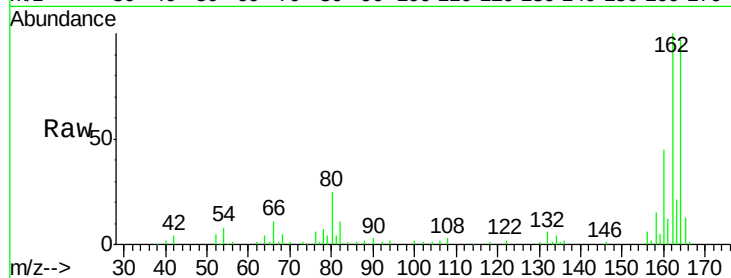
Tgt Ion:164 Resp: 105328

Ion Ratio Lower Upper

164 100

162 103.2 84.1 126.1

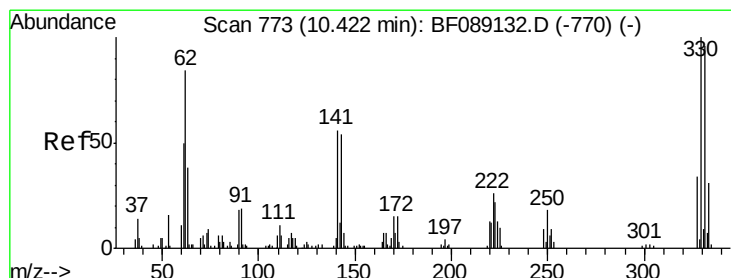
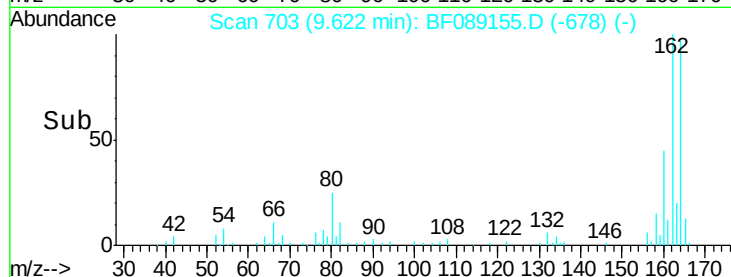
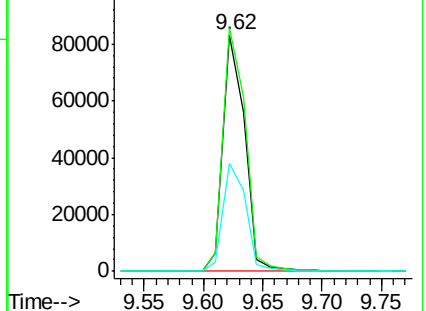
160 46.0 37.1 55.7



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

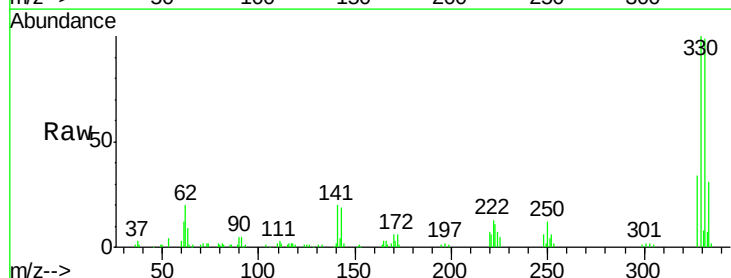
Tgt Ion:330 Resp: 106215

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

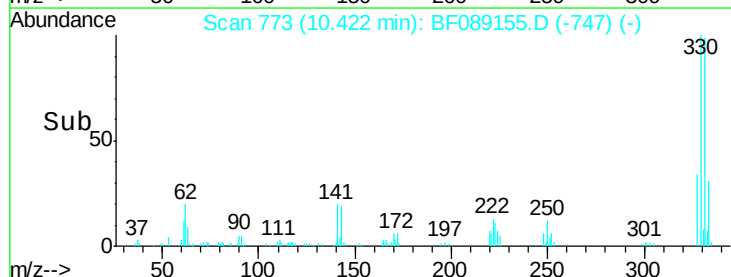
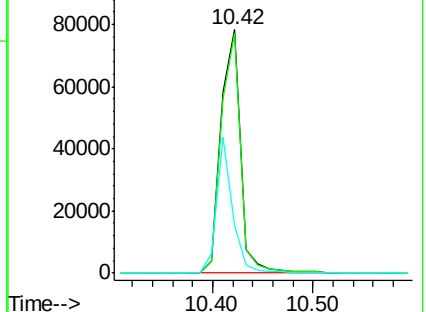
141 45.4 42.2 63.2

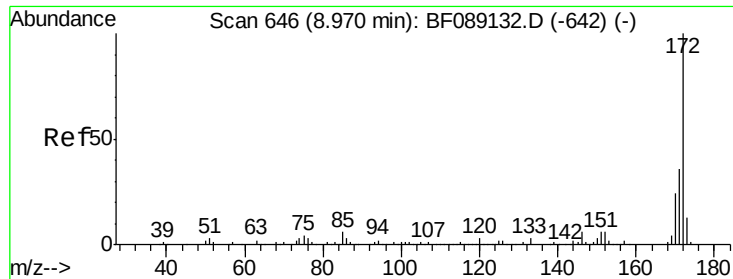


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

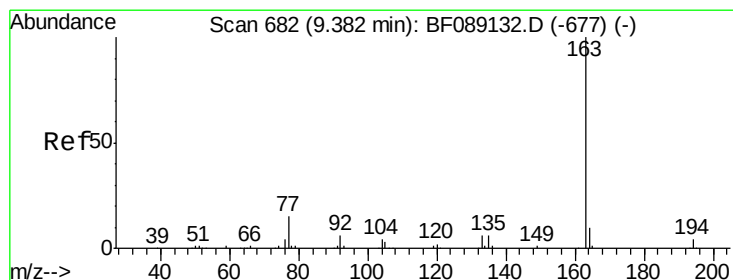
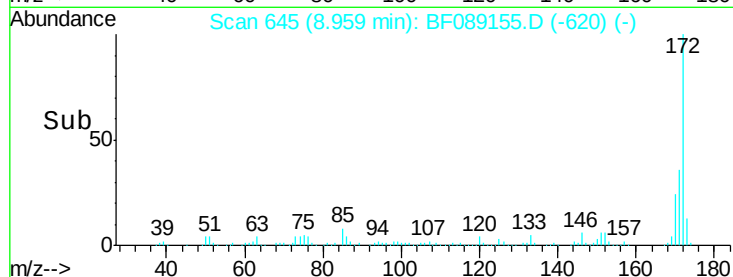
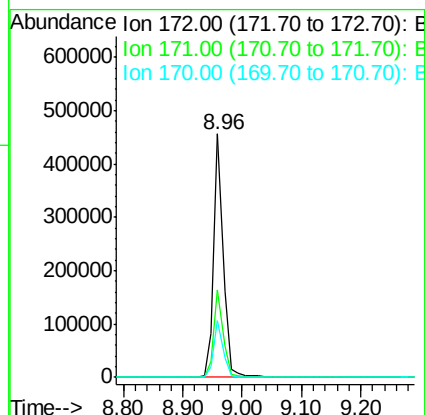
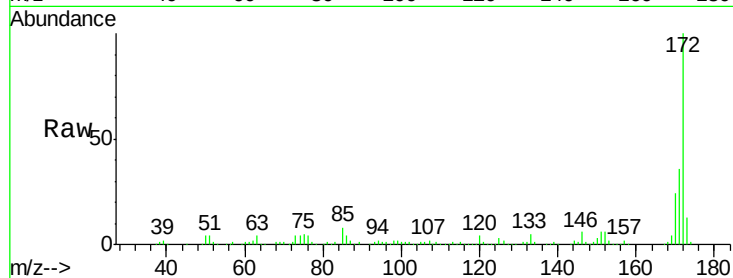




#44
 2-Fluorobiphenyl
 Concen: 66.60 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

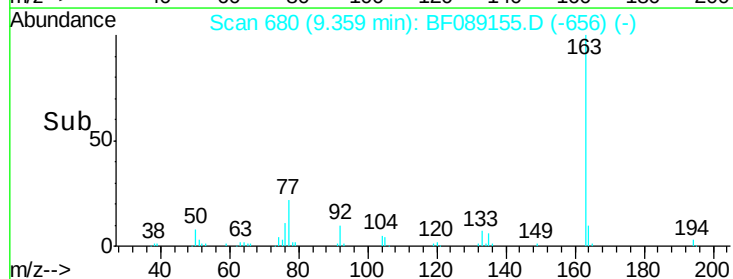
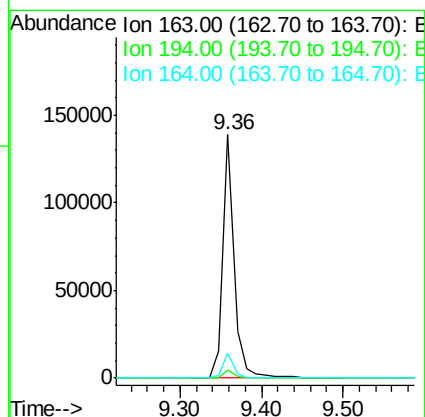
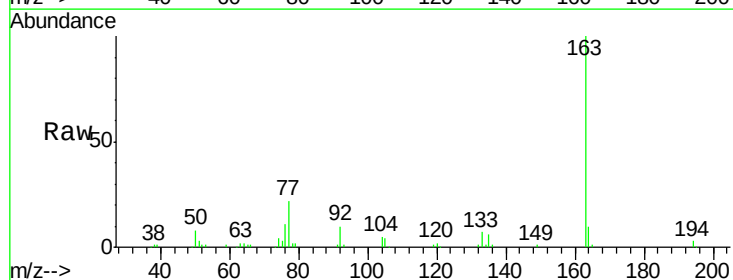
Instrument :
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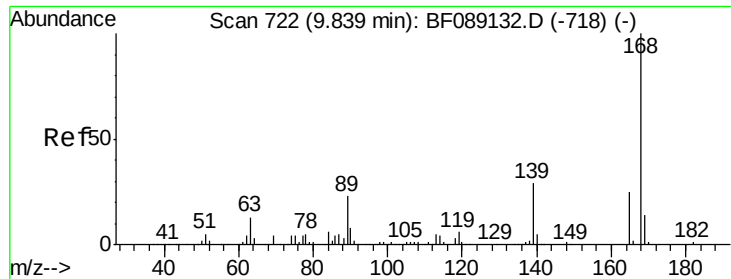
Tgt Ion:172 Resp: 509156
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 19.1 28.7



#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

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

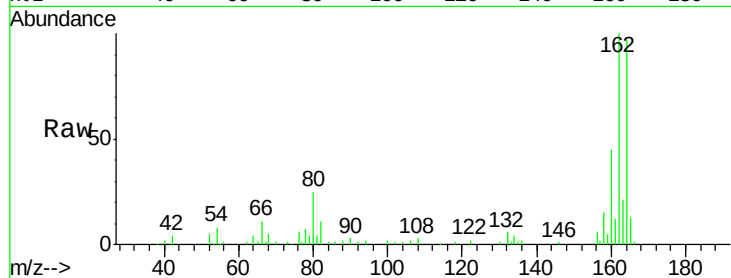




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.22 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

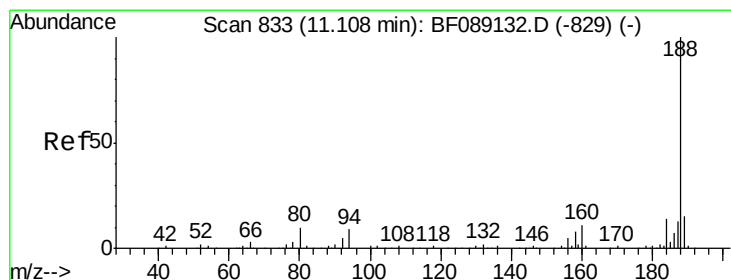
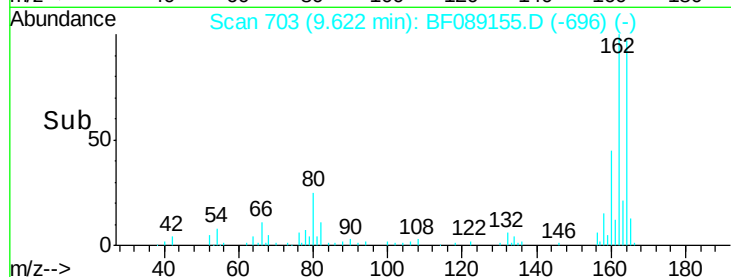
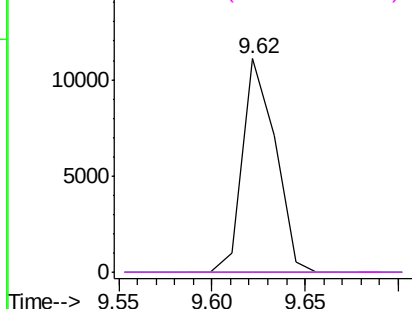


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

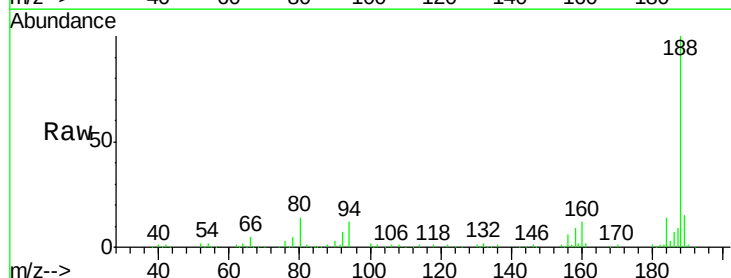
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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

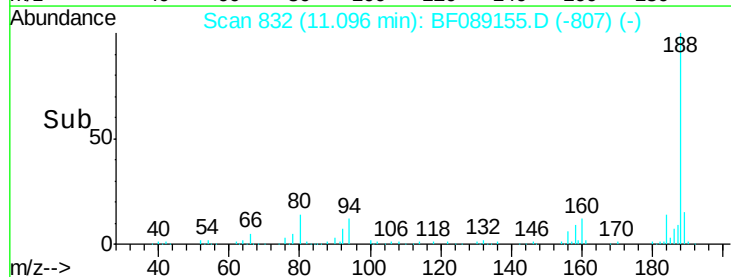
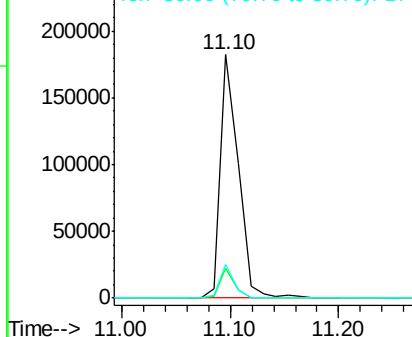
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	7.0	10.4#
80	14.0	7.7	11.5#

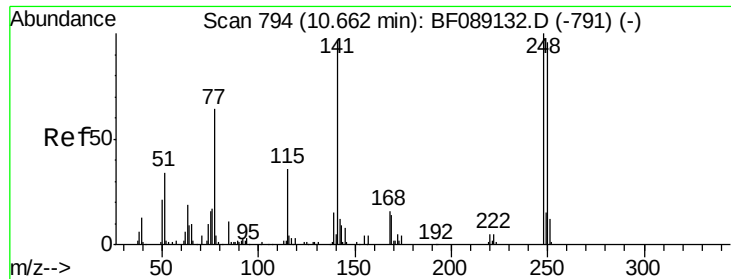


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.80 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089155.D

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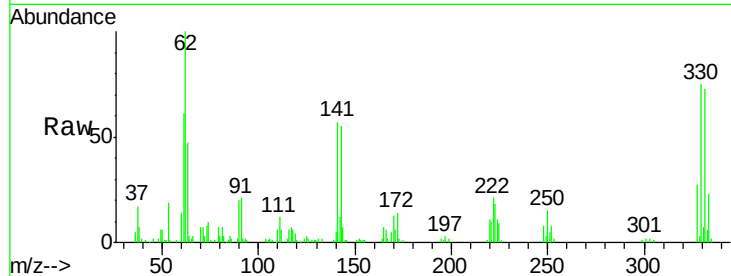
Tgt Ion:248 Resp: 7933

Ion Ratio Lower Upper

248 100

250 194.0 76.9 115.3#

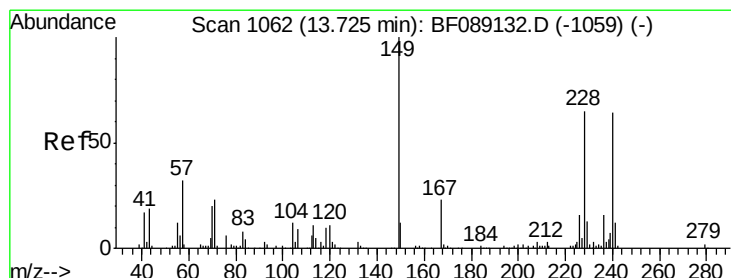
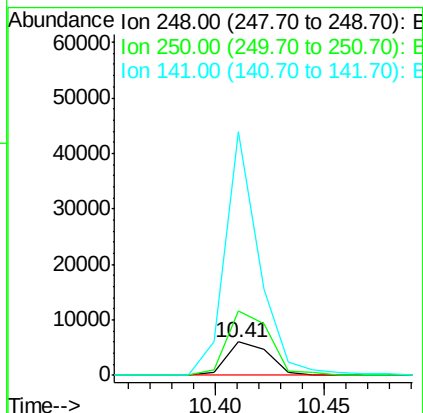
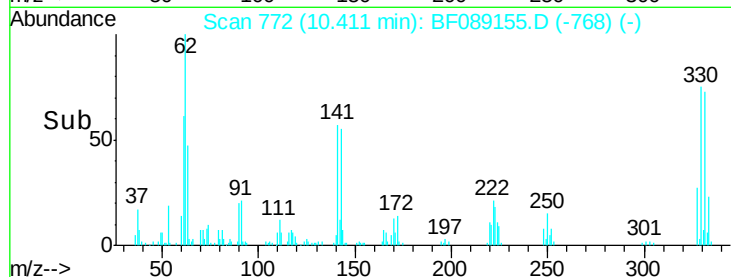
141 735.0 77.4 116.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

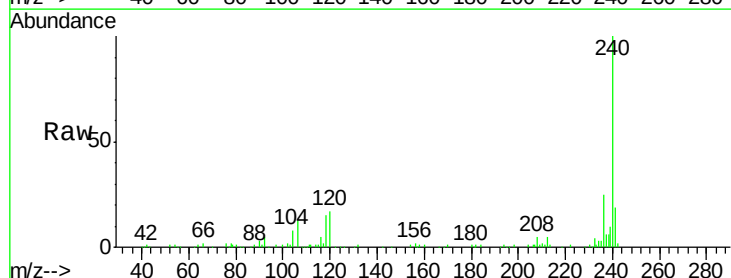
Tgt Ion:240 Resp: 166848

Ion Ratio Lower Upper

240 100

120 16.9 13.6 20.4

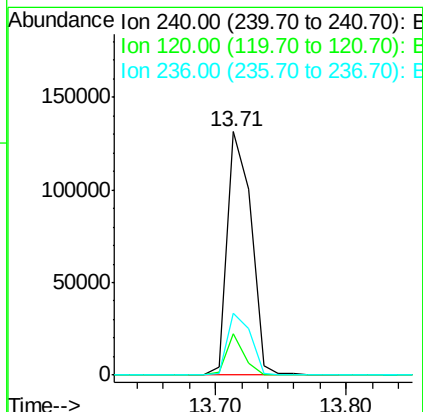
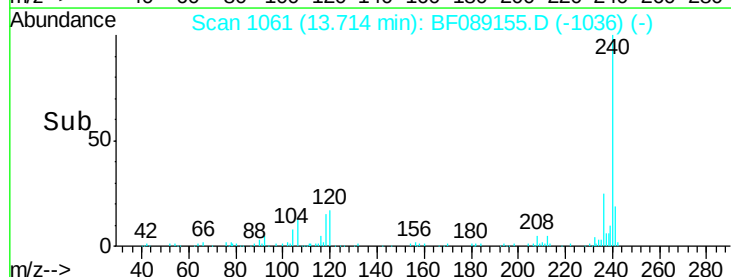
236 25.2 20.5 30.7

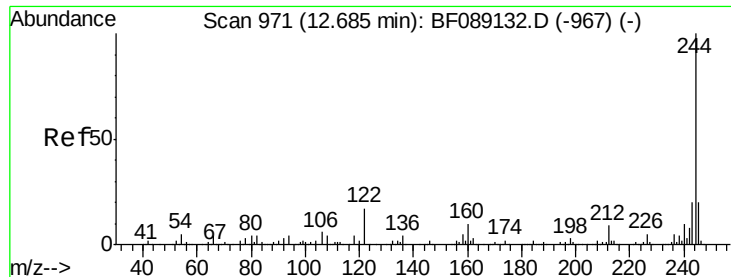


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

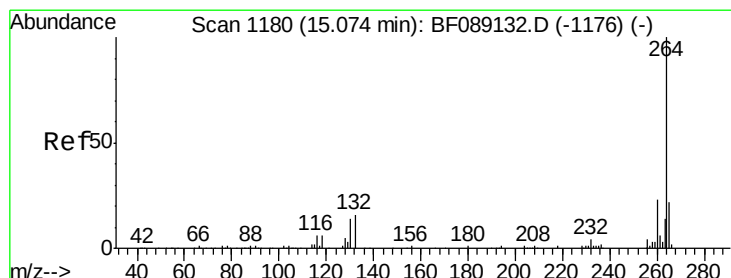
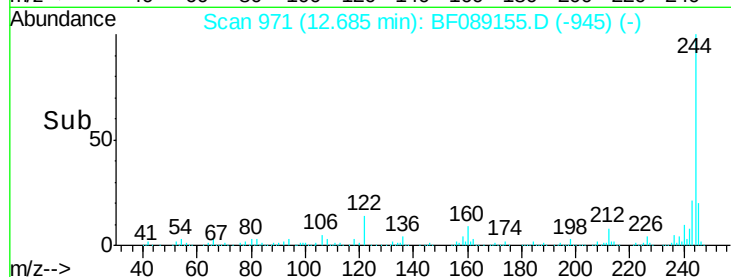
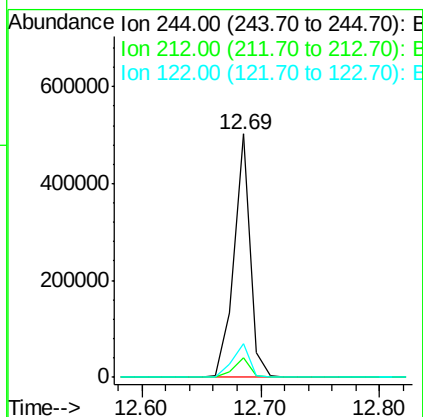
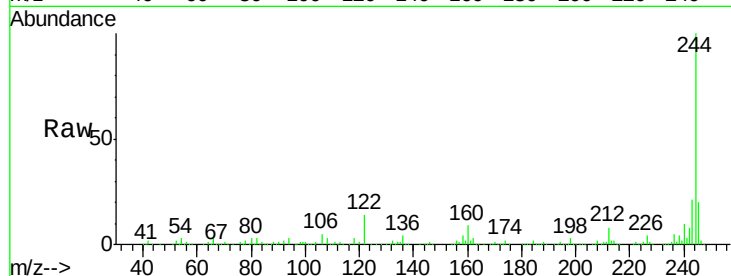




#78
 Terphenyl-d14
 Concen: 62.17 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089155.D
 Acq: 21 Jul 2016 2:51

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	14.0	13.8	20.8



#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

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

