

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089150.D
 Acq On : 21 Jul 2016 00:23
 Operator : UM/SJ
 Sample : H4112-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-6.0-8.0

Quant Time: Jul 21 03:19:44 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

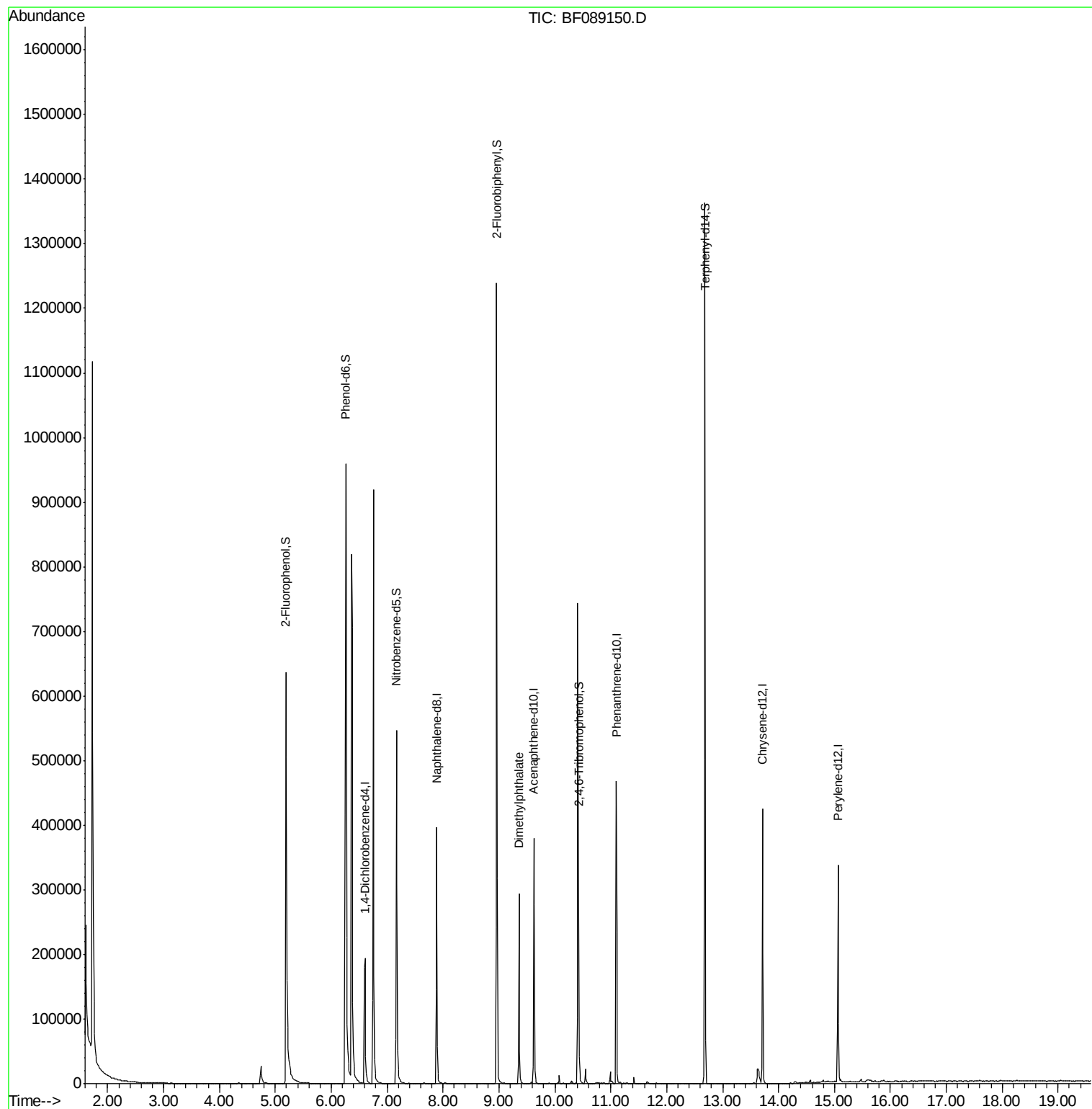
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50928	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	222098	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	103602	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	204035	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	159580	20.00	ng	-0.01
86) Perylene-d12	15.06	264	128411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	328884	98.22	ng	0.00
7) Phenol-d6	6.26	99	469334	108.69	ng	-0.01
23) Nitrobenzene-d5	7.16	82	253717	60.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	94270	101.07	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	430507	57.25	ng	-0.01
78) Terphenyl-d14	12.68	244	423163	57.52	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	123031	15.48	ng	98

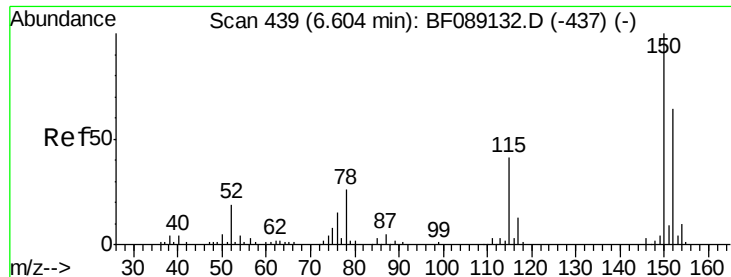
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089150.D

Acq: 21 Jul 2016 00:23

Instrument :

BNA_F

ClientSampleId :

KSB-03-6.0-8.0

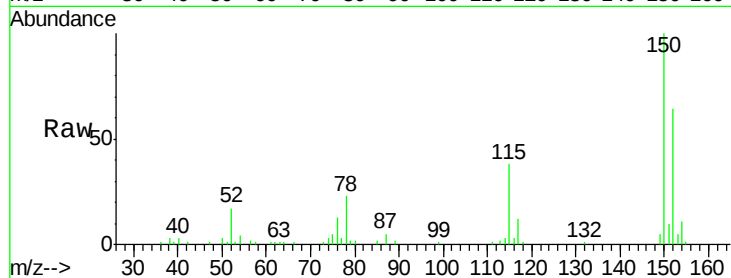
Tgt Ion:152 Resp: 50928

Ion Ratio Lower Upper

152 100

150 157.1 125.1 187.7

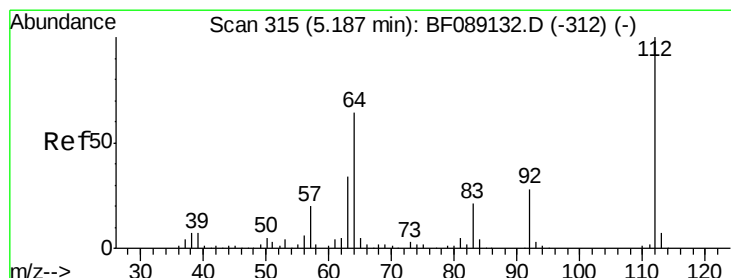
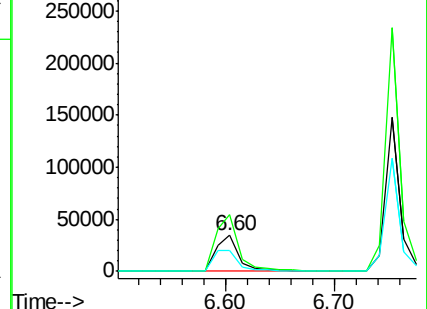
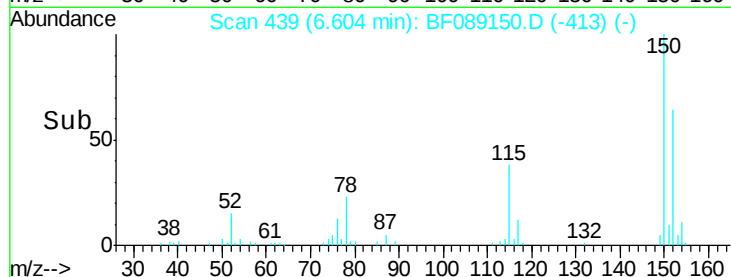
115 59.3 51.1 76.7



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: 98.22 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089150.D

Acq: 21 Jul 2016 00:23

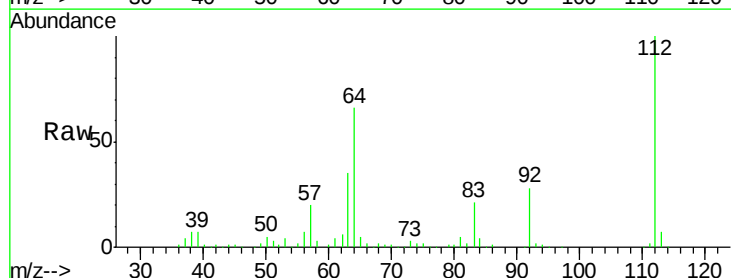
Tgt Ion:112 Resp: 328884

Ion Ratio Lower Upper

112 100

64 65.6 51.0 76.4

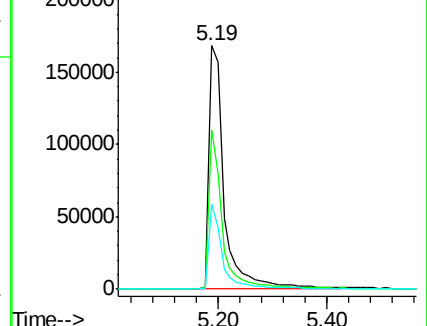
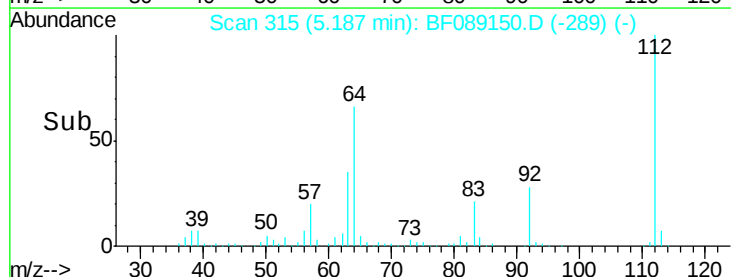
63 34.8 27.3 40.9

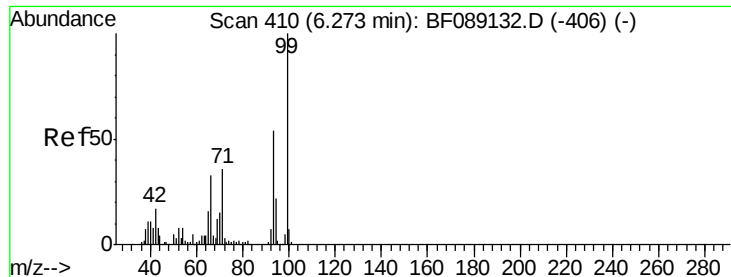


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.69 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089150.D

Acq: 21 Jul 2016 00:23

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ClientSampleId :

KSB-03-6.0-8.0

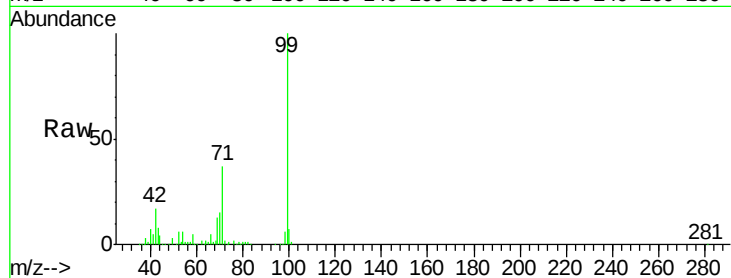
Tgt Ion: 99 Resp: 469334

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

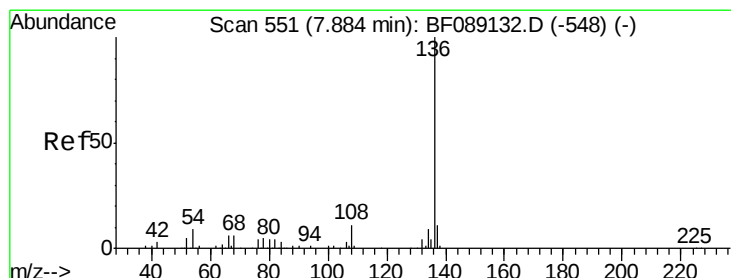
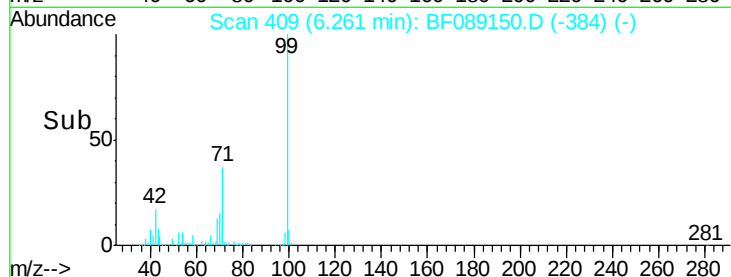
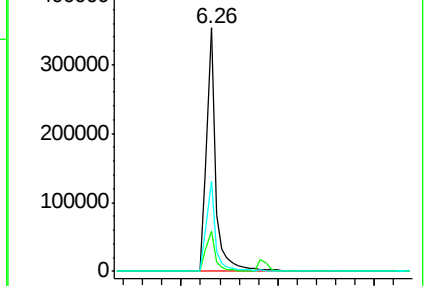
71 36.8 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089150.D

Acq: 21 Jul 2016 00:23

Tgt Ion: 136 Resp: 222098

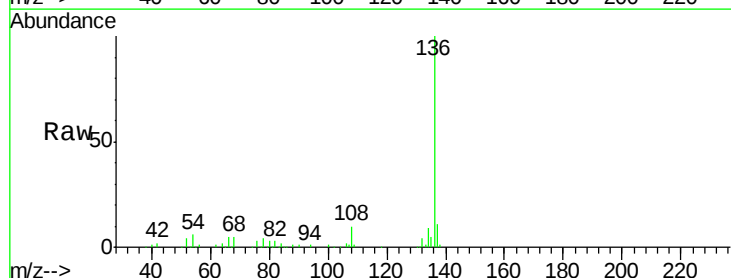
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.1 7.0 10.4#

68 5.0 5.0 7.6#

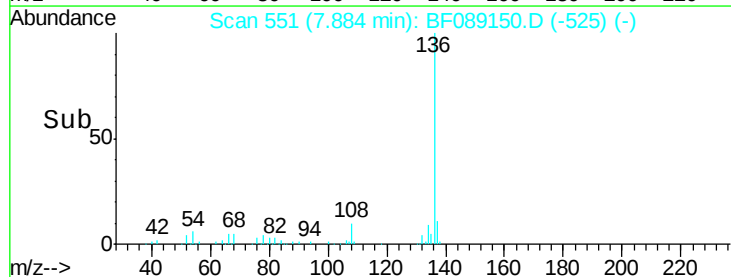
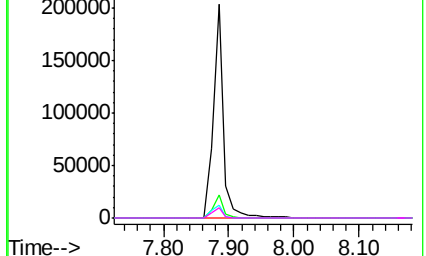


Abundance Ion 136.00 (135.70 to 136.70): E

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

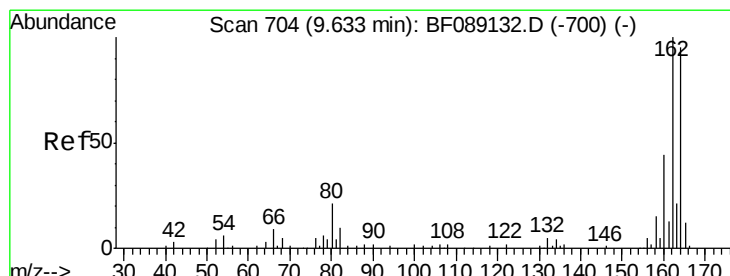
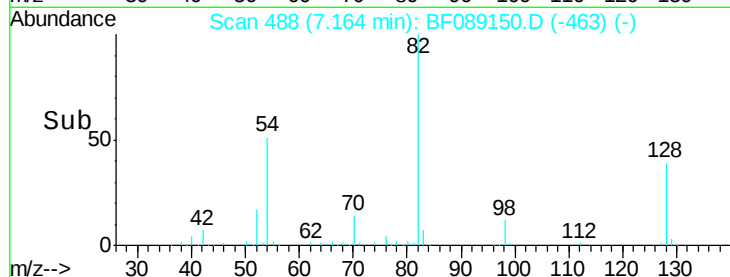
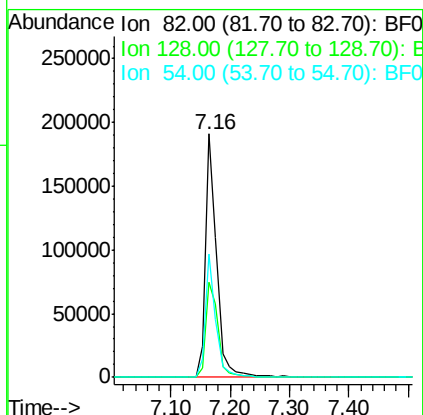
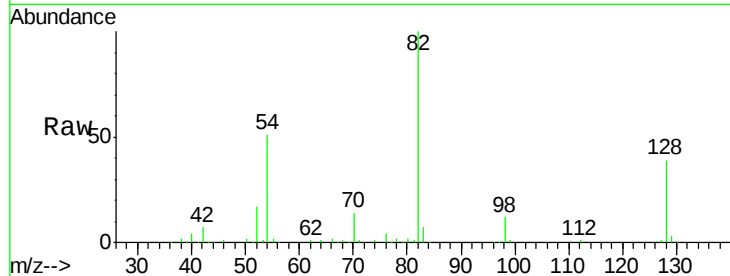




#23
 Nitrobenzene-d5
 Concen: 60.70 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089150.D
 Acq: 21 Jul 2016 00:23

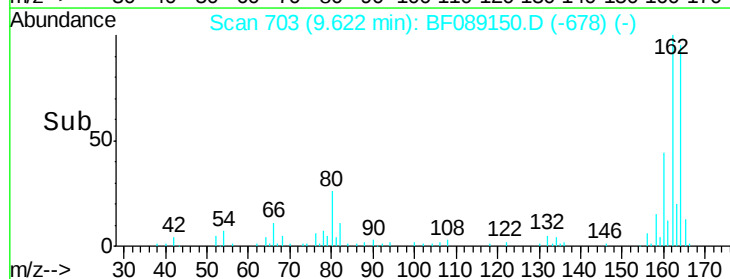
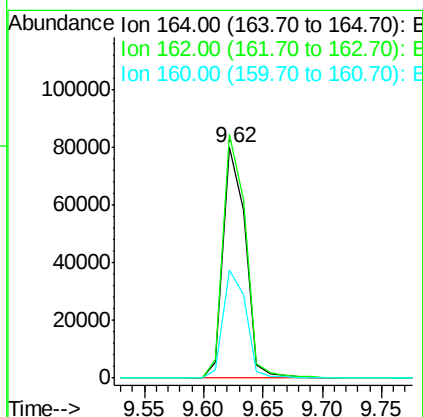
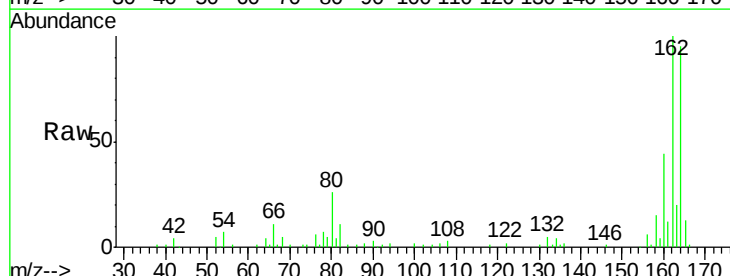
Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-6.0-8.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.6
54	50.6	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089150.D
 Acq: 21 Jul 2016 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.1	126.1
160	46.9	37.1	55.7

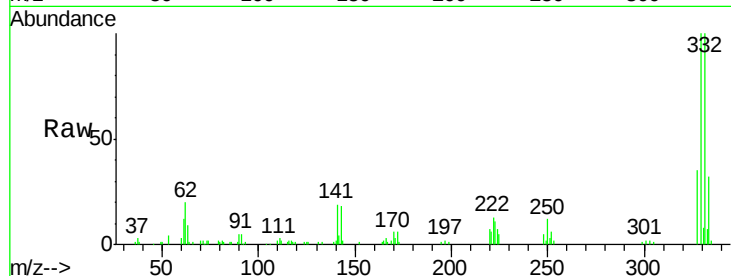




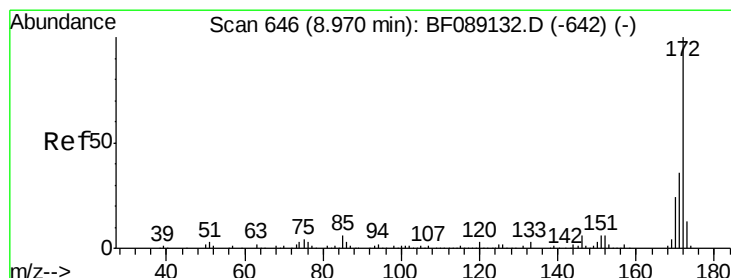
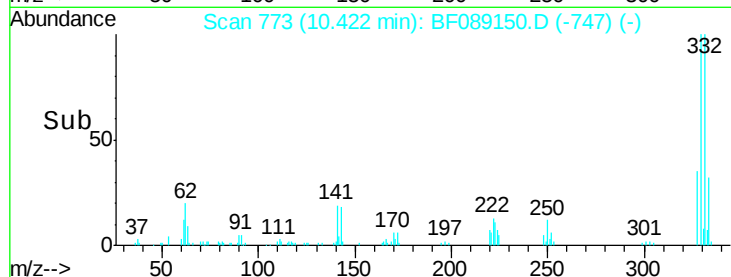
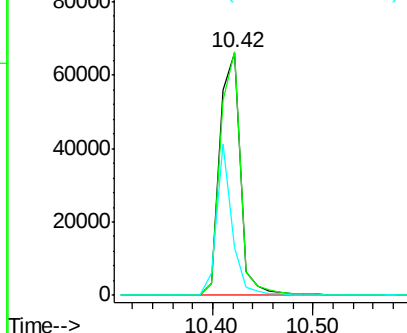
#41
 2,4,6-Tribromophenol
 Concen: 101.07 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089150.D
 Acq: 21 Jul 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-6.0-8.0

Tgt Ion:330 Resp: 94270
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.2 115.8
 141 47.1 42.2 63.2

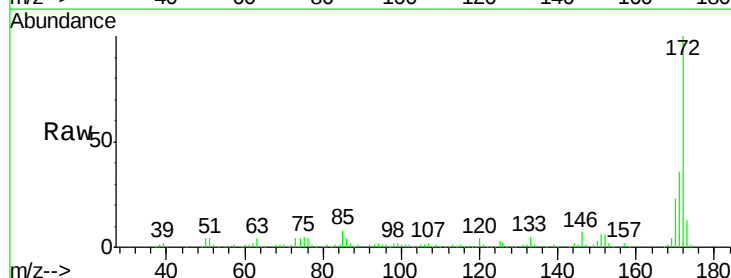


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

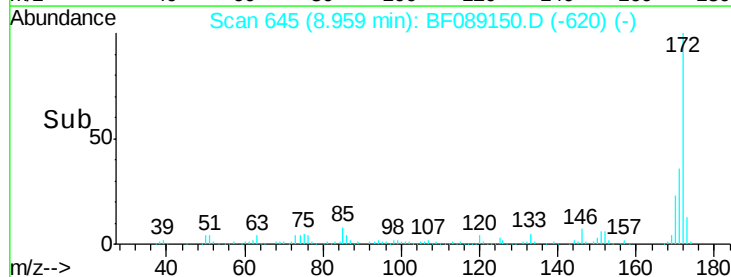
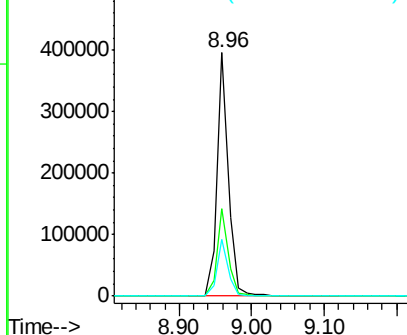


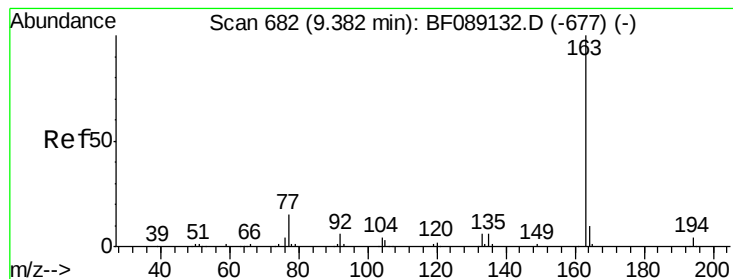
#44
 2-Fluorobiphenyl
 Concen: 57.25 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089150.D
 Acq: 21 Jul 2016 00:23

Tgt Ion:172 Resp: 430507
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.3 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: 15.48 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089150.D

Acq: 21 Jul 2016 00:23

Instrument :

BNA_F

ClientSampleId :

KSB-03-6.0-8.0

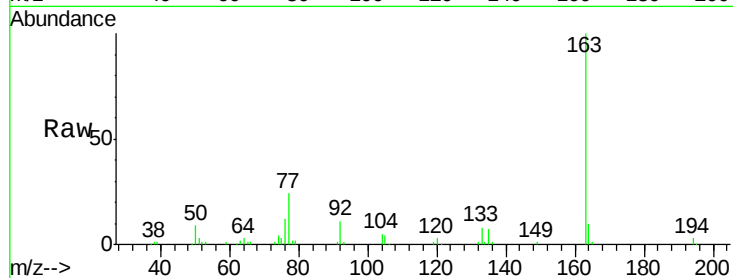
Tgt Ion:163 Resp: 123031

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

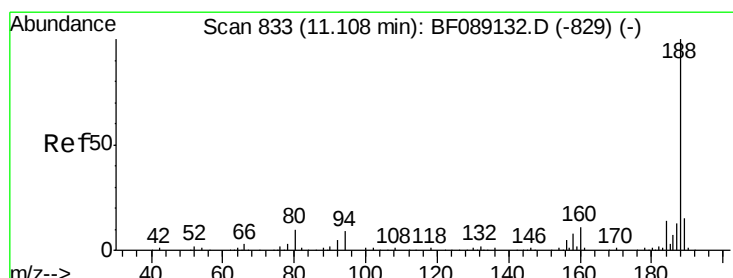
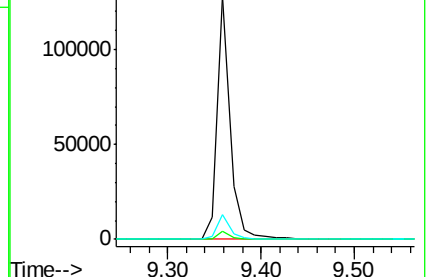
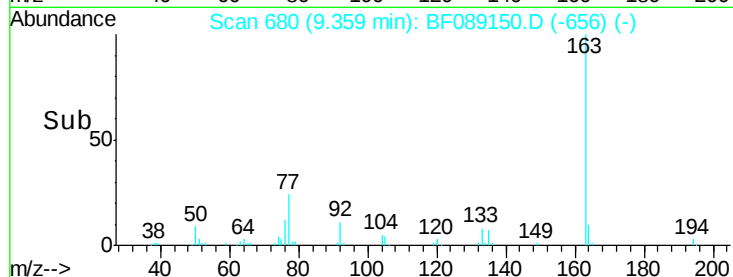
164 10.1 7.6 11.4



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: BF089150.D

Acq: 21 Jul 2016 00:23

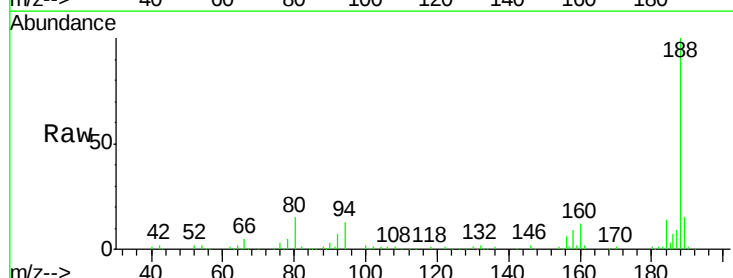
Tgt Ion:188 Resp: 204035

Ion Ratio Lower Upper

188 100

94 12.5 7.0 10.4#

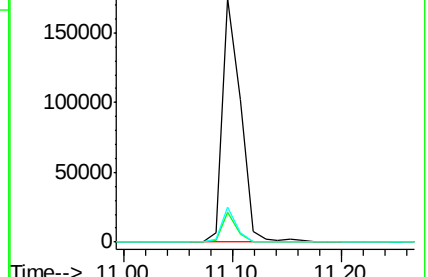
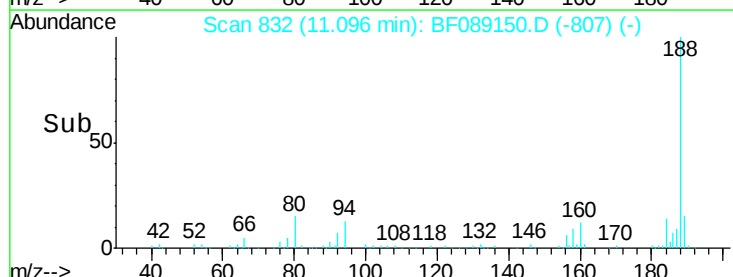
80 14.5 7.7 11.5#



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: BF089150.D

Acq: 21 Jul 2016 00:23

Instrument :

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ClientSampleId :

KSB-03-6.0-8.0

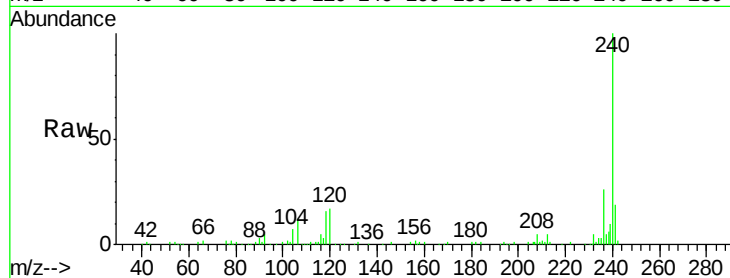
Tgt Ion:240 Resp: 159580

Ion Ratio Lower Upper

240 100

120 16.6 13.6 20.4

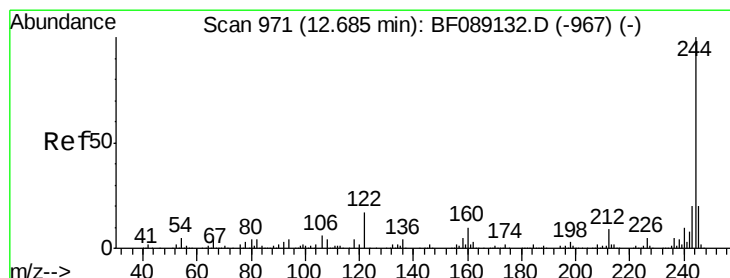
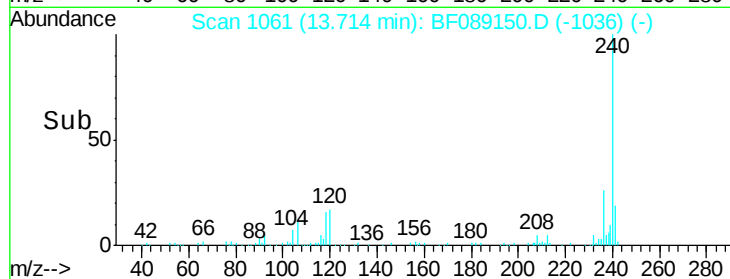
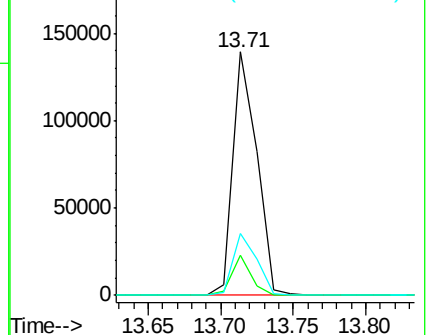
236 25.6 20.5 30.7



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: 57.52 ng

RT: 12.68 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089150.D

Acq: 21 Jul 2016 00:23

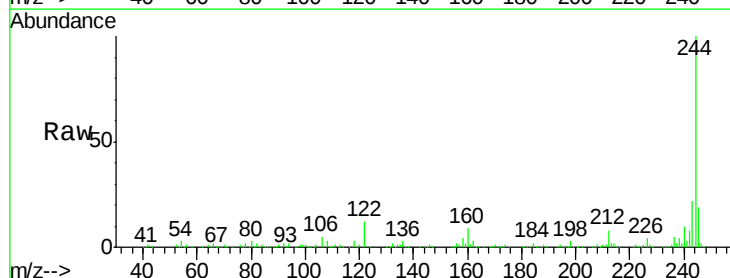
Tgt Ion:244 Resp: 423163

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

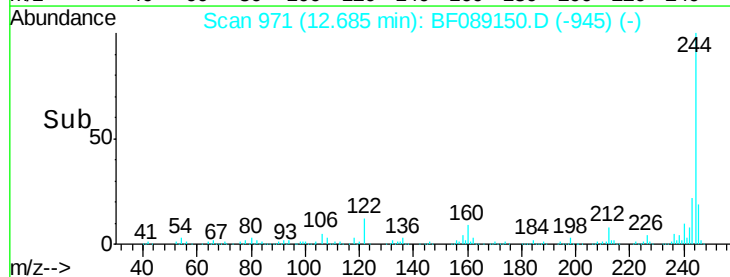
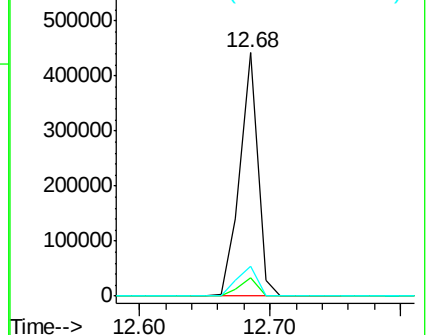
122 12.5 13.8 20.8#

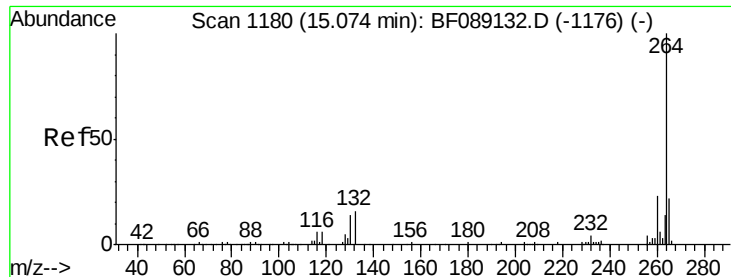


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion: 264 Resp: 128411
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 21.5 17.3 25.9

