

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089215.D
 Acq On : 23 Jul 2016 2:42
 Operator : UM/SJ
 Sample : H4129-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-11-5.0-7.0

Quant Time: Jul 25 00:56:40 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

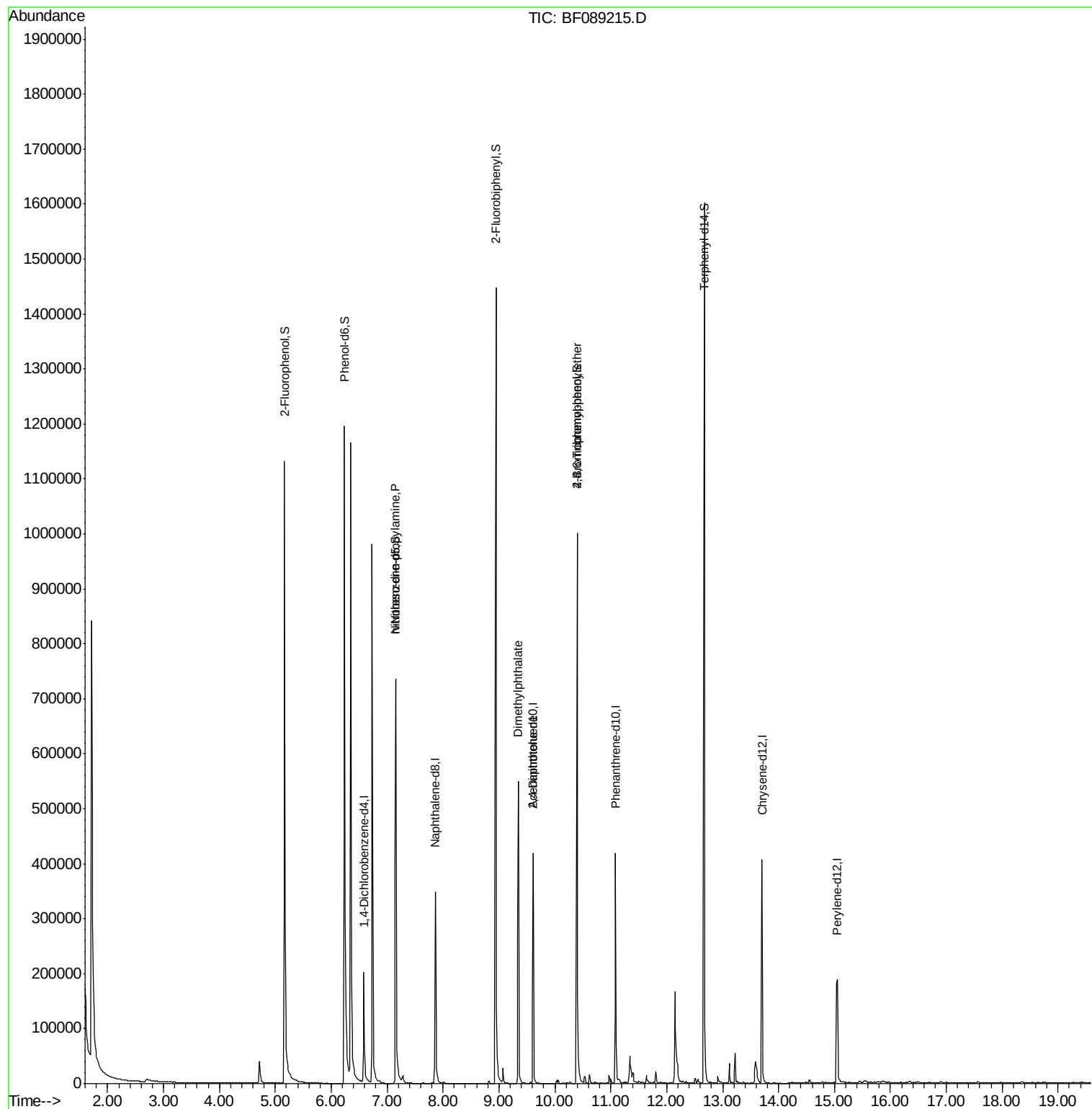
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45150	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	198731	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	94193	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	188543	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	143979	20.00	ng	-0.02
86) Perylene-d12	15.05	264	111176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	427680	144.06	ng	-0.02
7) Phenol-d6	6.24	99	584790	152.75	ng	-0.03
23) Nitrobenzene-d5	7.15	82	364854	97.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	124995	147.39	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	645576	94.43	ng	-0.02
78) Terphenyl-d14	12.67	244	610272	91.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	431	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	48266	19.28	ng	# 80
49) Dimethylphthalate	9.35	163	297274	41.13	ng	99
56) 2,4-Dinitrotoluene	9.61	165	11462	5.45	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9862	5.29	ng	# 1

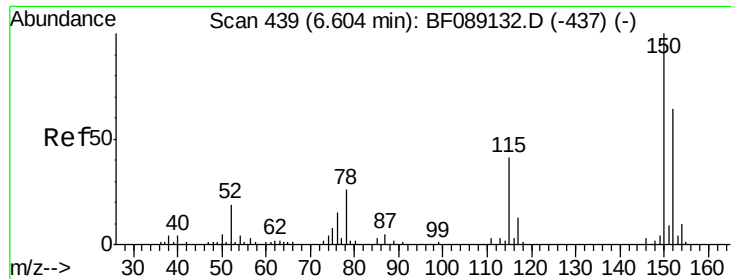
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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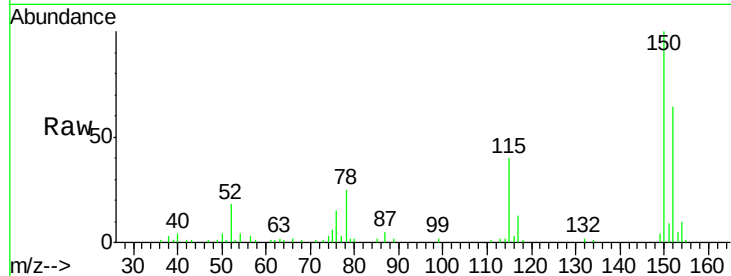


#1

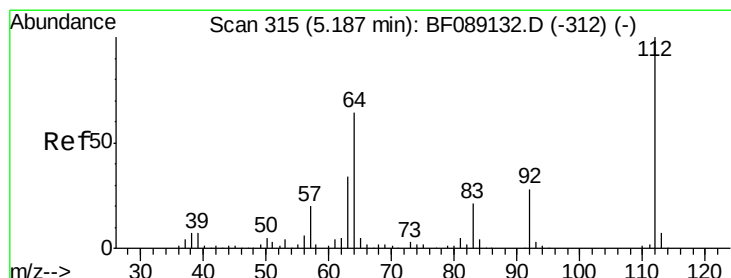
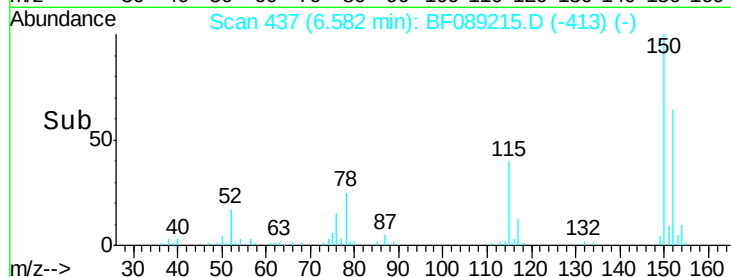
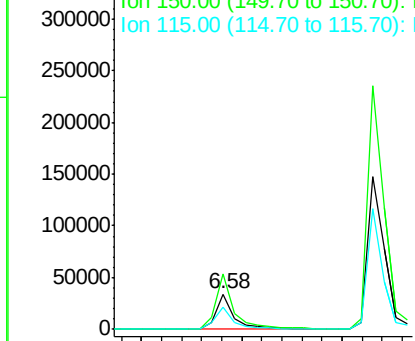
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089215.D
Acq: 23 Jul 2016 2:42

Instrument :
BNA_F
ClientSampleId :
KSB-11-5.0-7.0

Tgt Ion:152 Resp: 45150
Ion Ratio Lower Upper
152 100
150 156.6 125.1 187.7
115 63.1 51.1 76.7



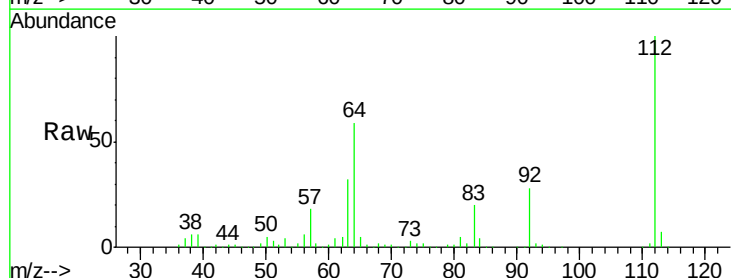
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



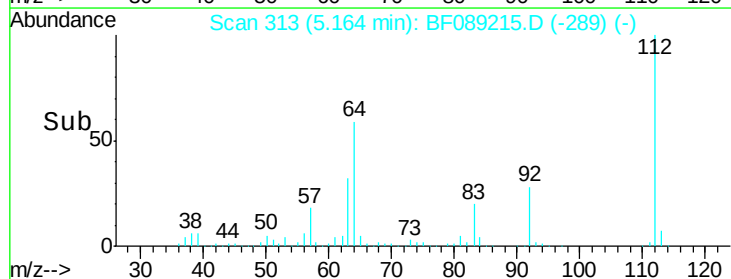
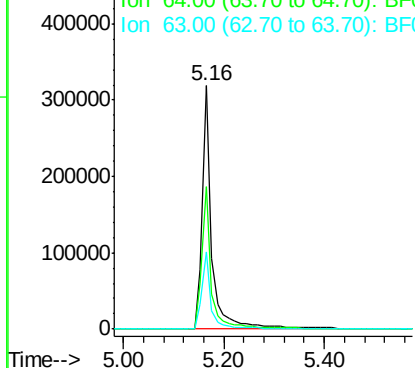
#5

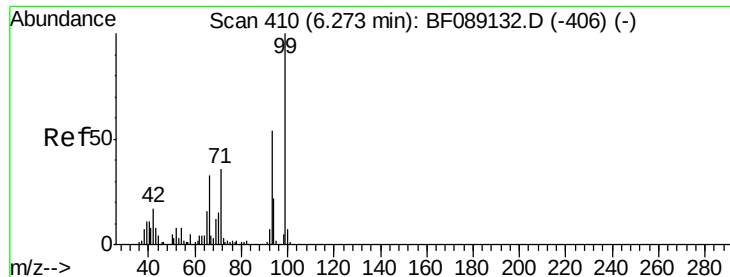
2-Fluorophenol
Concen: 144.06 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089215.D
Acq: 23 Jul 2016 2:42

Tgt Ion:112 Resp: 427680
Ion Ratio Lower Upper
112 100
64 58.6 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: 152.75 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089215.D

Acq: 23 Jul 2016 2:42

Instrument :

BNA_F

ClientSampleId :

KSB-11-5.0-7.0

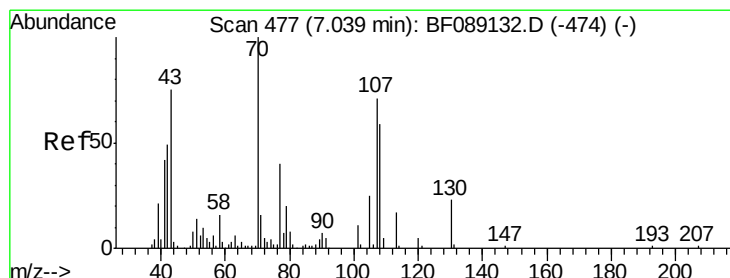
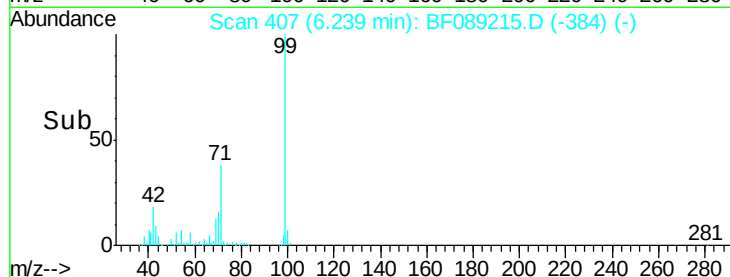
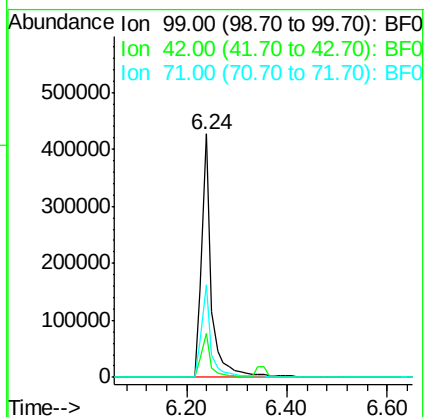
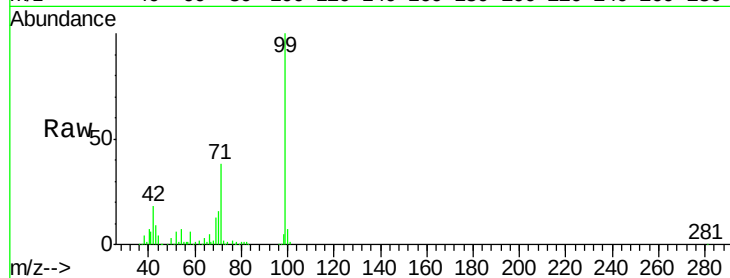
Tgt Ion: 99 Resp: 584790

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 38.3 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.28 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089215.D

Acq: 23 Jul 2016 2:42

Tgt Ion: 70 Resp: 48266

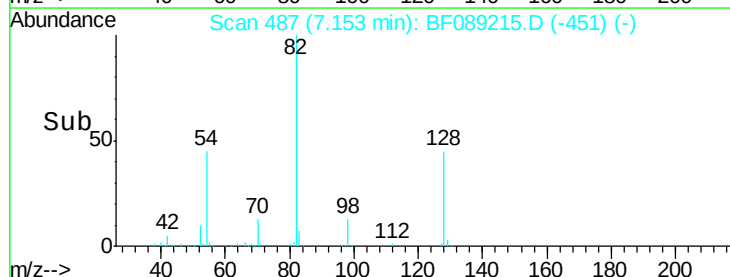
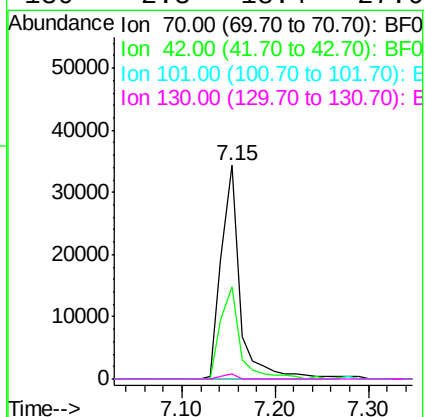
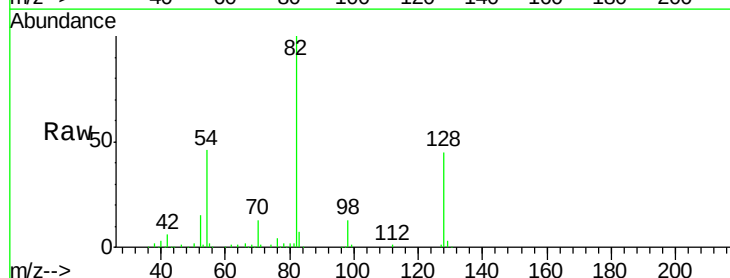
Ion Ratio Lower Upper

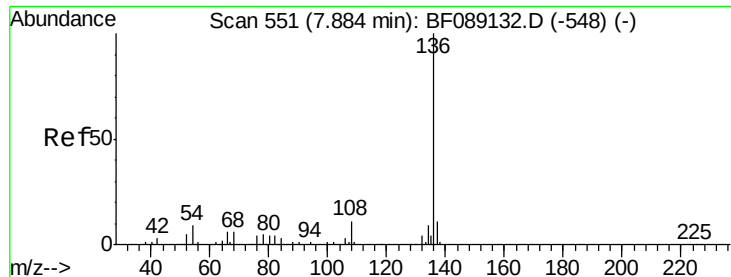
70 100

42 43.3 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#

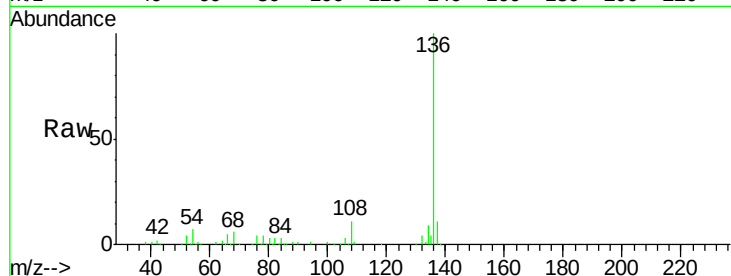




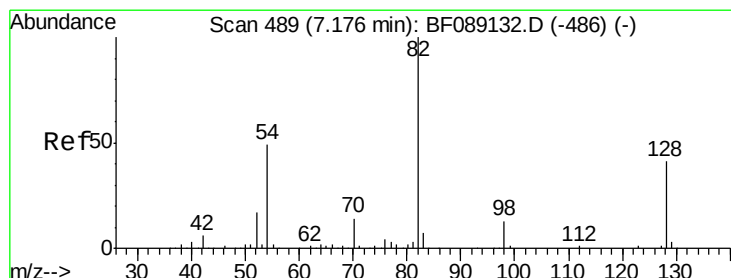
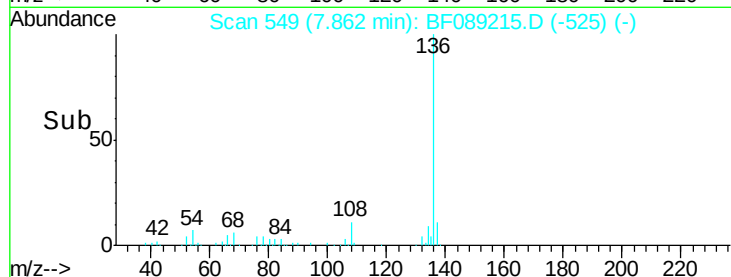
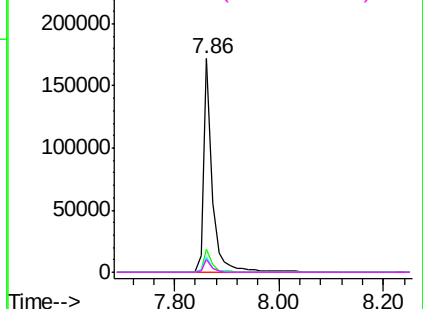
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089215.D
Acq: 23 Jul 2016 2:42

Instrument :
BNA_F
ClientSampleId :
KSB-11-5.0-7.0

Tgt Ion:	136	Resp:	198731
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	7.0	10.4
68	5.8	5.0	7.6

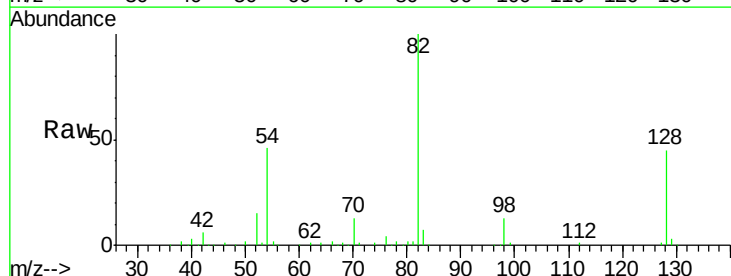


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

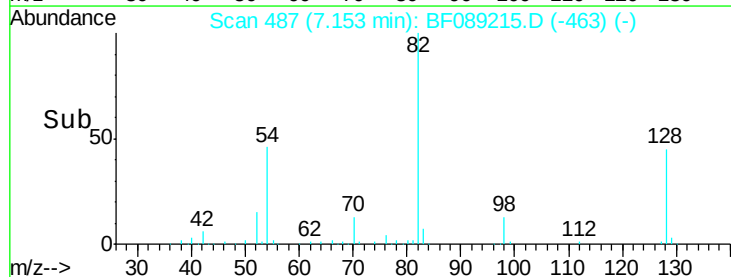
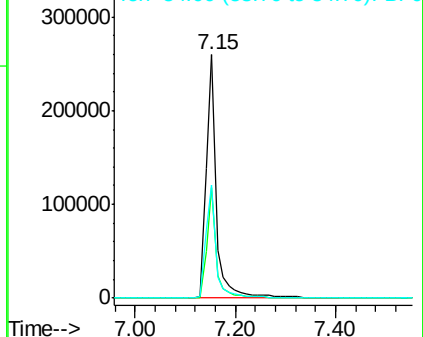


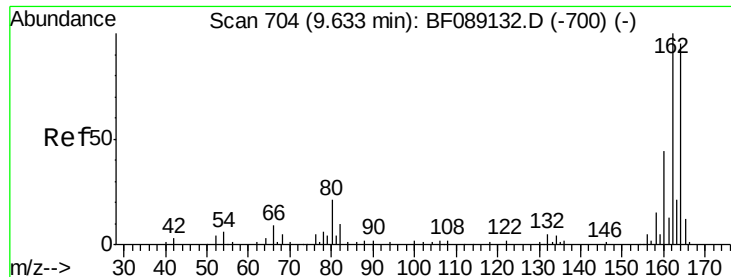
#23
Nitrobenzene-d5
Concen: 97.55 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089215.D
Acq: 23 Jul 2016 2:42

Tgt Ion:	82	Resp:	364854
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.0	49.6
54	46.4	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: BF089215.D

Acq: 23 Jul 2016 2:42

Instrument :

BNA_F

ClientSampleId :

KSB-11-5.0-7.0

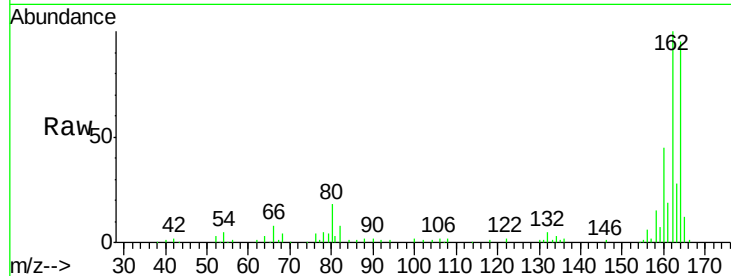
Tgt Ion:164 Resp: 94193

Ion Ratio Lower Upper

164 100

162 105.6 84.1 126.1

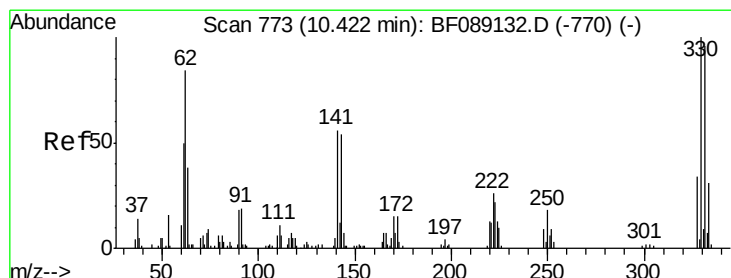
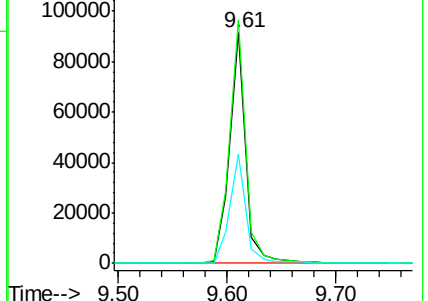
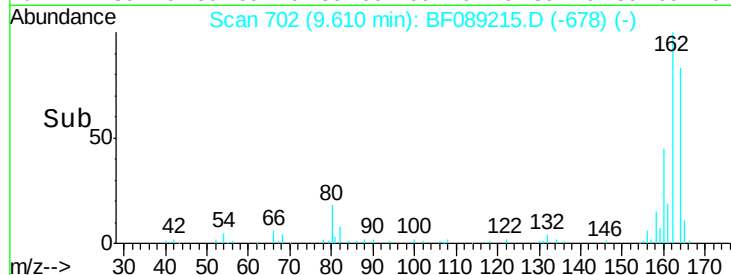
160 47.5 37.1 55.7



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: 147.39 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089215.D

Acq: 23 Jul 2016 2:42

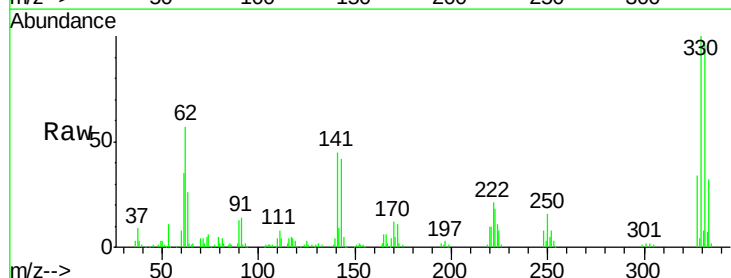
Tgt Ion:330 Resp: 124995

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

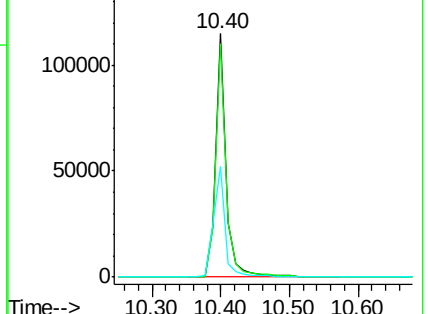
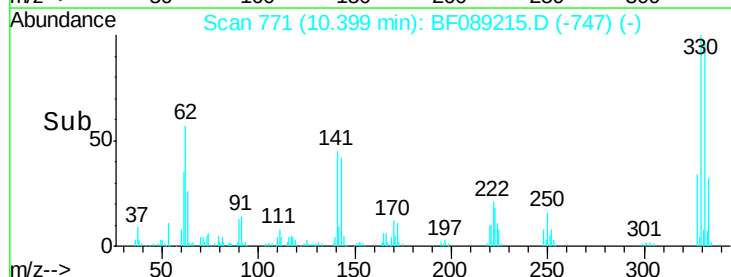
141 49.8 42.2 63.2

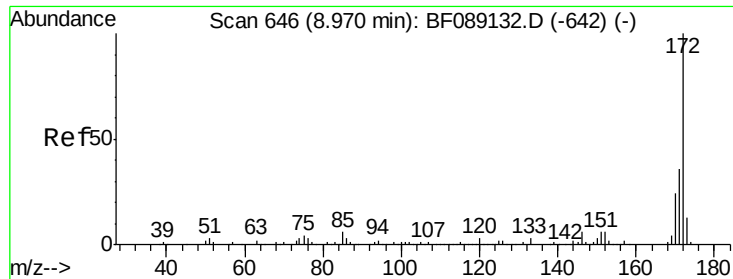


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

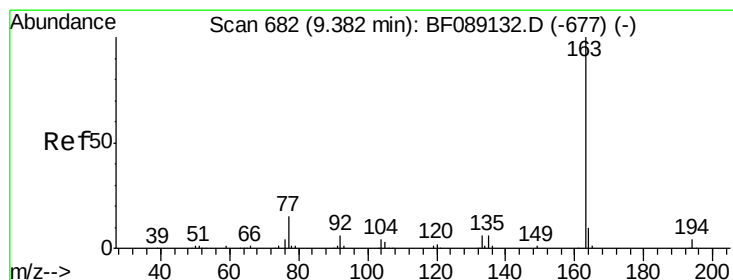
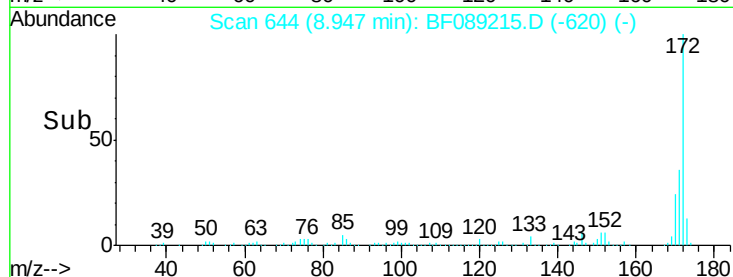
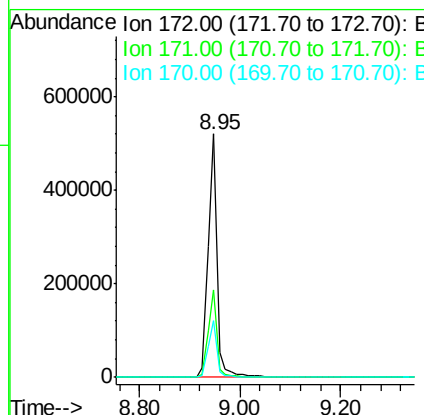
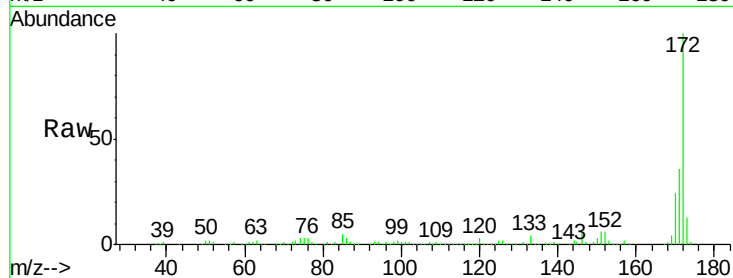




#44
 2-Fluorobiphenyl
 Concen: 94.43 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

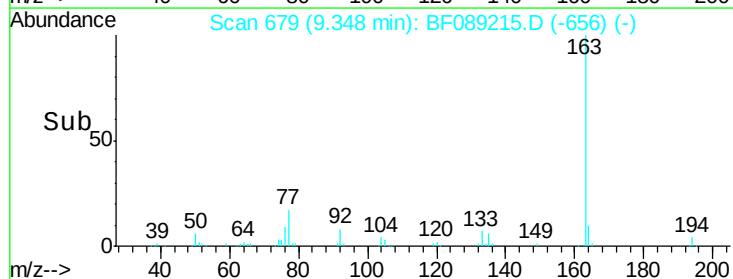
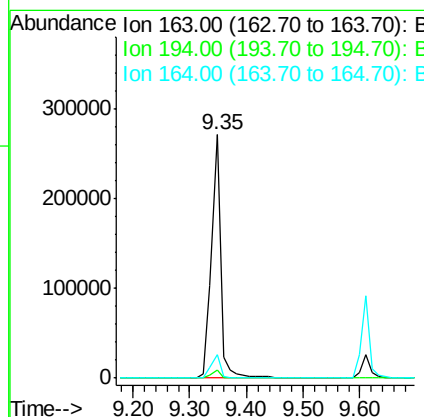
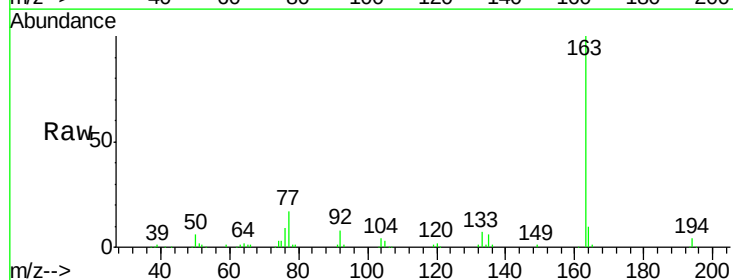
Instrument :
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 KSB-11-5.0-7.0

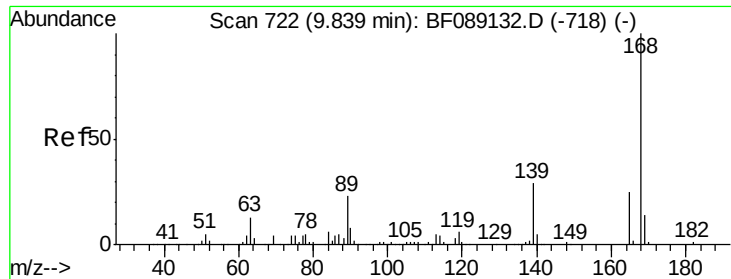
Tgt Ion:172 Resp: 645576
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 41.13 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

Tgt Ion:163 Resp: 297274
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 9.8 7.6 11.4

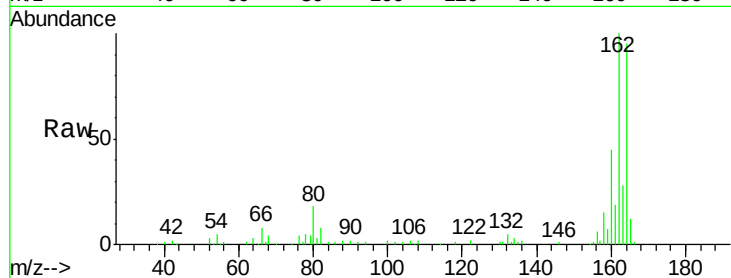




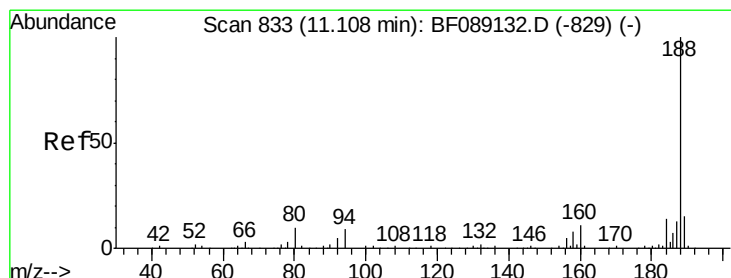
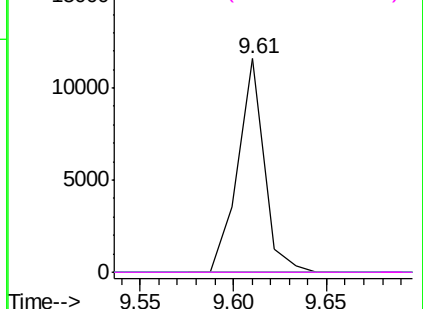
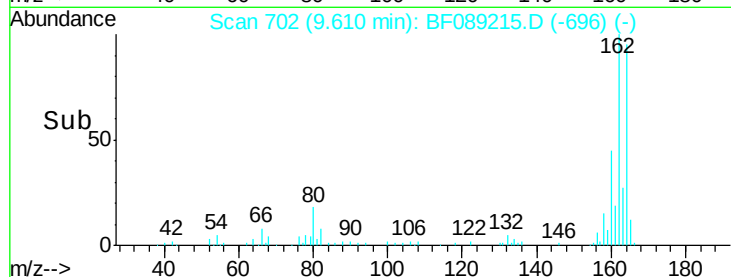
#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 KSB-11-5.0-7.0

Tgt Ion:165 Resp: 11462
 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#

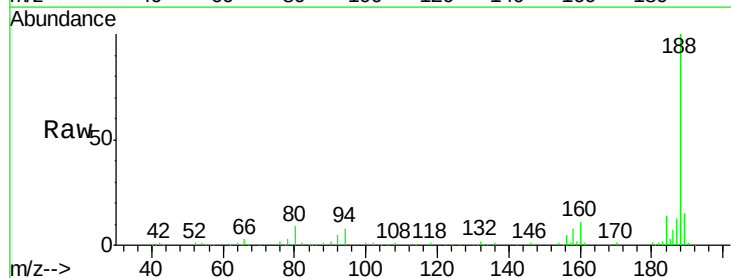


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

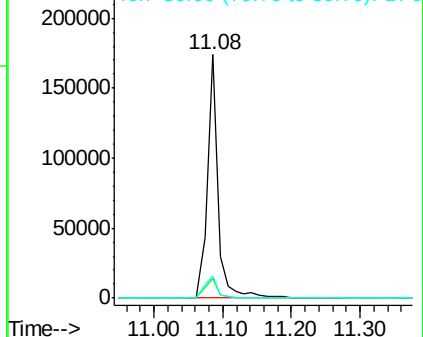
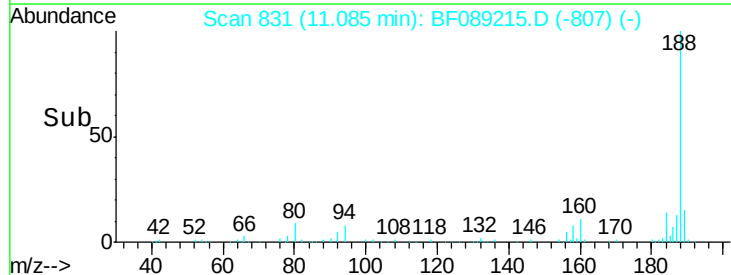


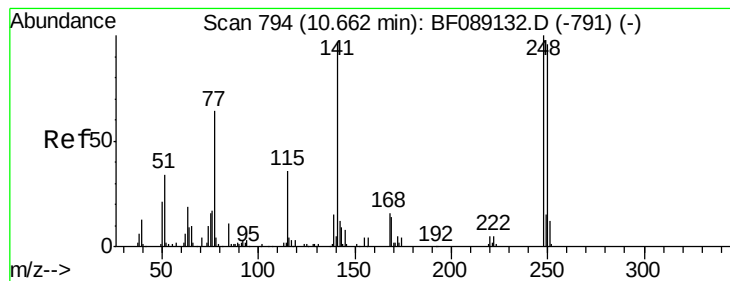
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

Tgt Ion:188 Resp: 188543
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.0 10.4
 80 9.1 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: 5.29 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089215.D

Acq: 23 Jul 2016 2:42

Instrument :

BNA_F

ClientSampleId :

KSB-11-5.0-7.0

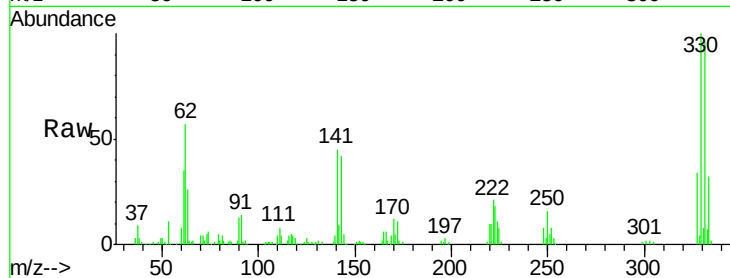
Tgt Ion:248 Resp: 9862

Ion Ratio Lower Upper

248 100

250 190.8 76.9 115.3#

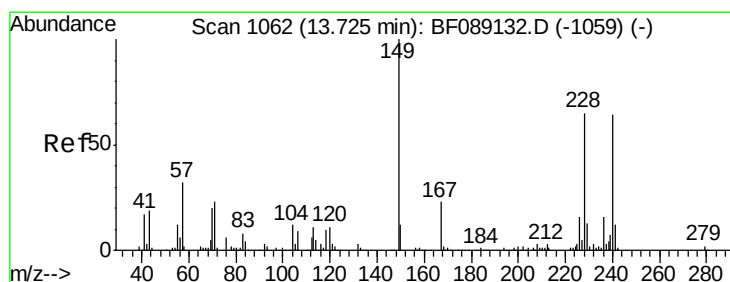
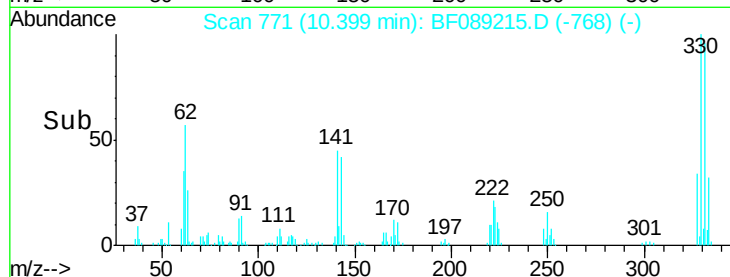
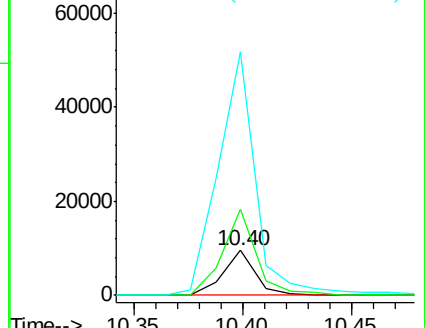
141 542.8 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089215.D

Acq: 23 Jul 2016 2:42

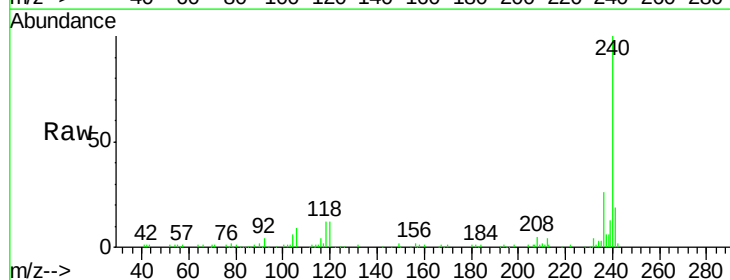
Tgt Ion:240 Resp: 143979

Ion Ratio Lower Upper

240 100

120 12.4 13.6 20.4#

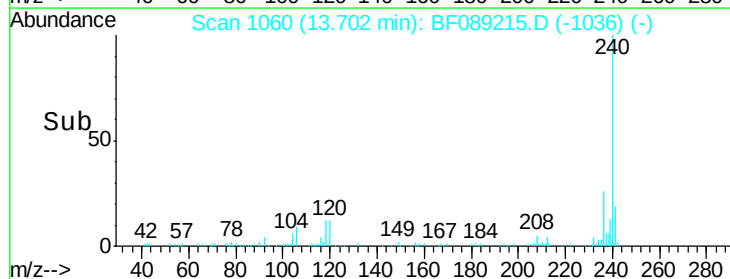
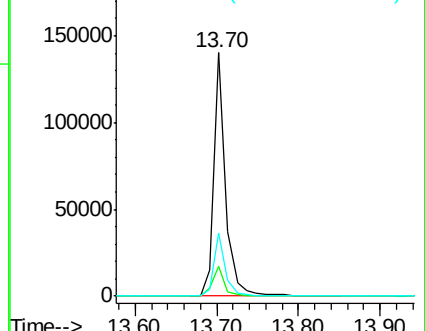
236 26.0 20.5 30.7

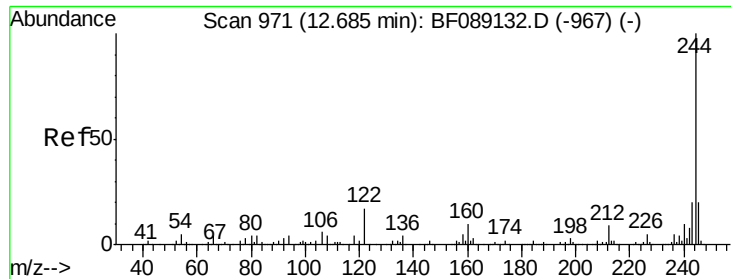


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

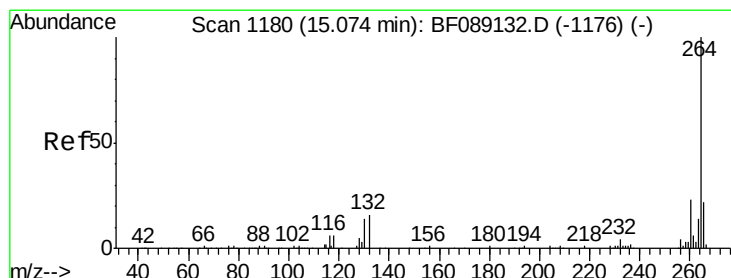
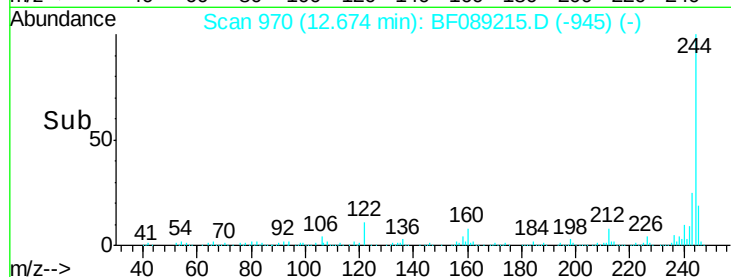
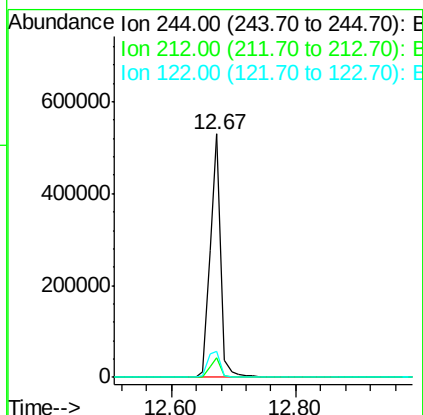
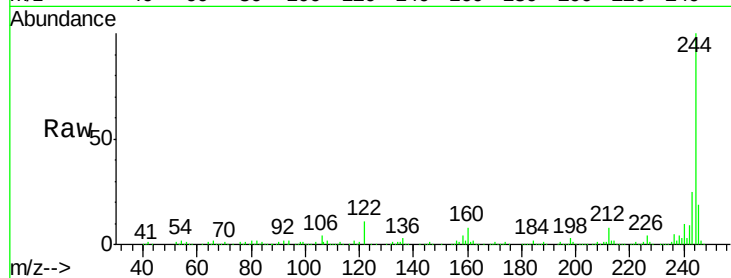




#78
 Terphenyl-d14
 Concen: 91.94 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 KSB-11-5.0-7.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.4
122	10.9	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089215.D
 Acq: 23 Jul 2016 2:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.0	17.3	25.9

