

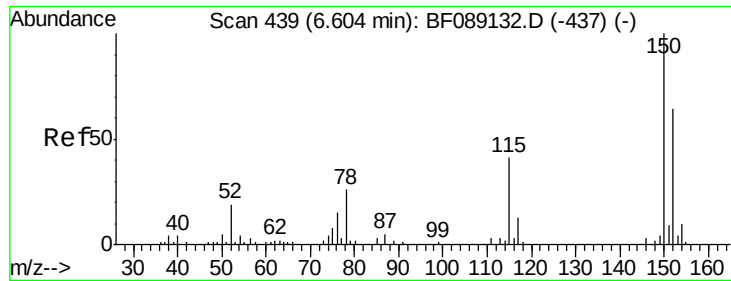
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089280.D
 Acq On : 25 Jul 2016 15:42
 Operator : UM/SJ
 Sample : H4129-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

Quant Time: Jul 25 17:18:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	64188	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	247228	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	106425	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	189850	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	130253	20.00	ng	-0.01
86) Perylene-d12	15.03	264	104018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	502441	119.05	ng	-0.01
7) Phenol-d6	6.23	99	713147	131.03	ng	0.00
23) Nitrobenzene-d5	7.14	82	430915	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	119059	124.26	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	695494	90.04	ng	0.00
78) Terphenyl-d14	12.65	244	492979	82.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	844	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	56551	15.89	ng	# 76
49) Dimethylphthalate	9.32	163	289558	35.46	ng	98
56) 2,4-Dinitrotoluene	9.59	165	13478	5.68	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	8841	4.71	ng	# 1

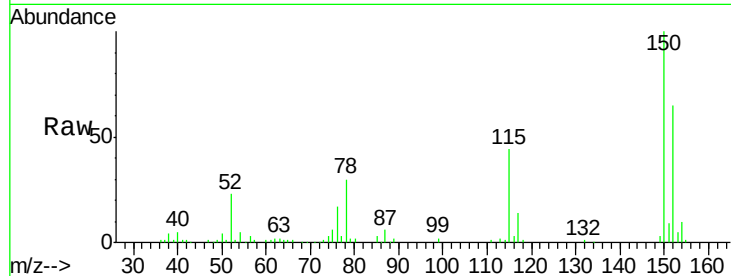
(#) = qualifier out of range (m) = manual integration (+) = signals summed



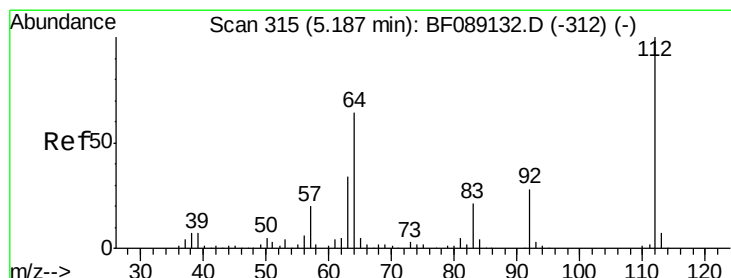
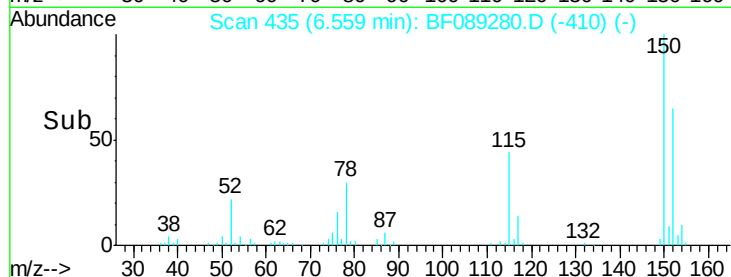
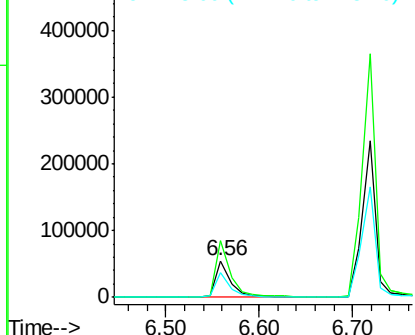
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

Tgt Ion:152 Resp: 64188
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.1 187.7
 115 68.2 51.1 76.7

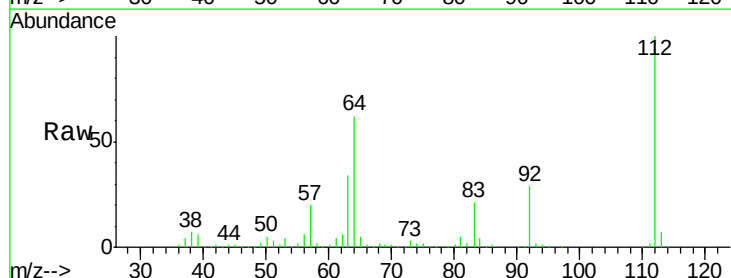


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

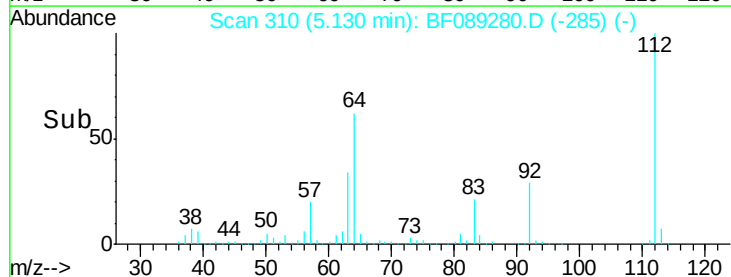
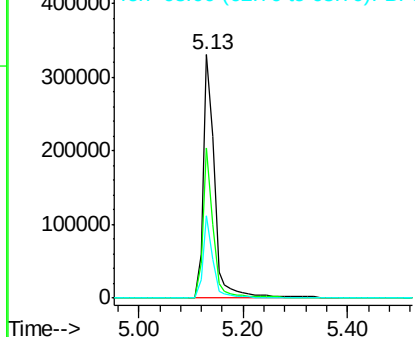


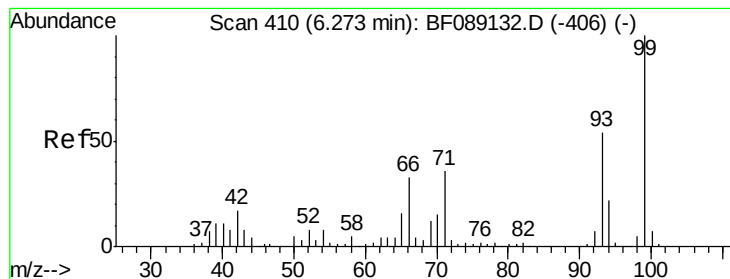
#5
 2-Fluorophenol
 Concen: 119.05 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Tgt Ion:112 Resp: 502441
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.0 76.4
 63 33.6 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: 131.03 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

KSB-12-10.0-12.0

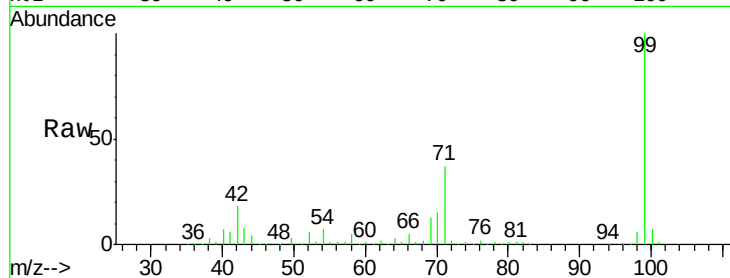
Tgt Ion: 99 Resp: 713147

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

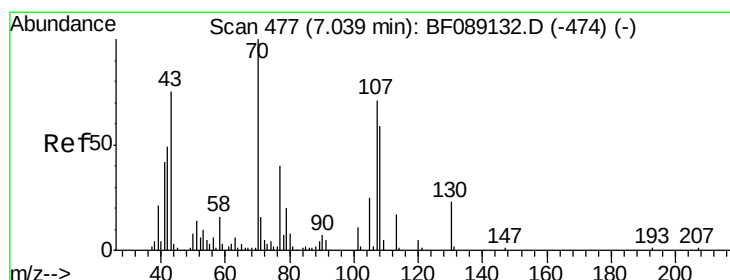
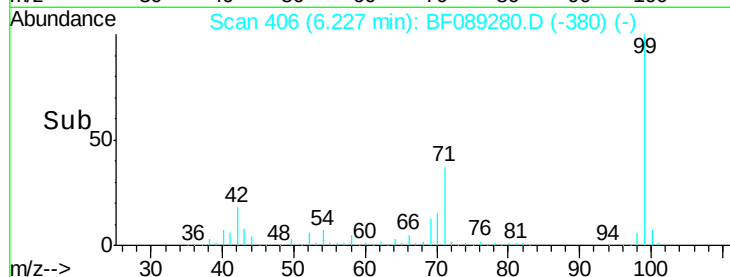
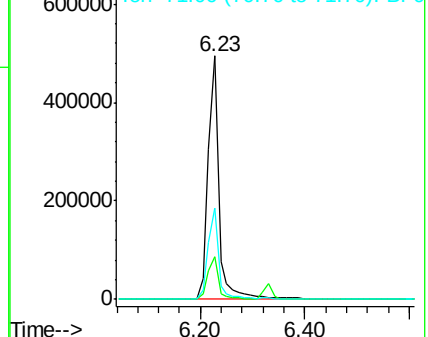
71 37.4 28.9 43.3



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: 15.89 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.14 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

Tgt Ion: 70 Resp: 56551

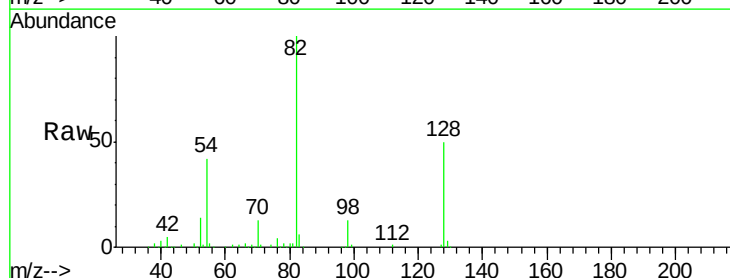
Ion Ratio Lower Upper

70 100

42 39.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.4 18.4 27.6#

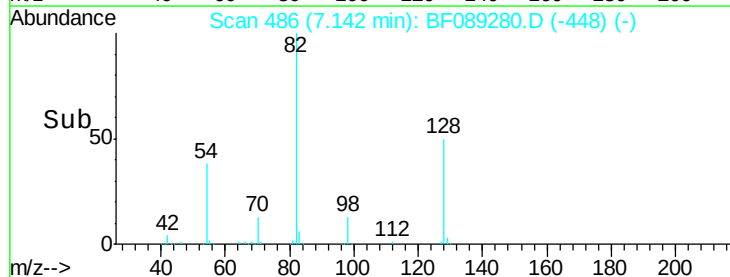
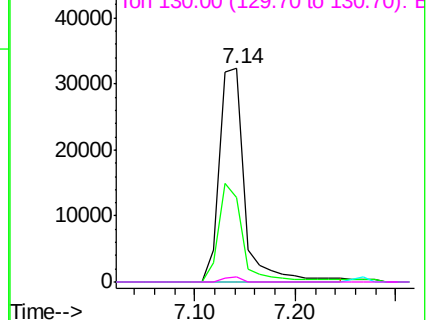


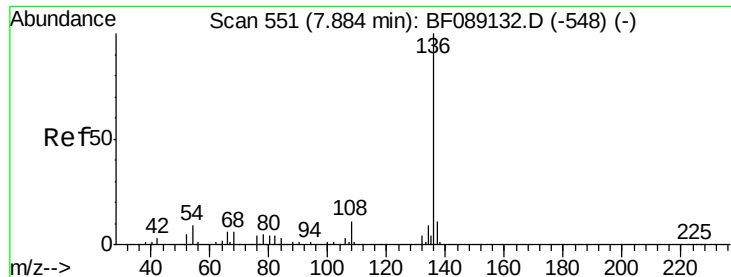
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

KSB-12-10.0-12.0

Tgt Ion:136 Resp: 247228

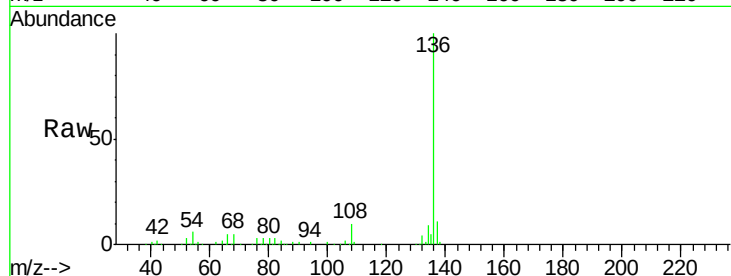
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.8 7.0 10.4#

68 4.6 5.0 7.6#

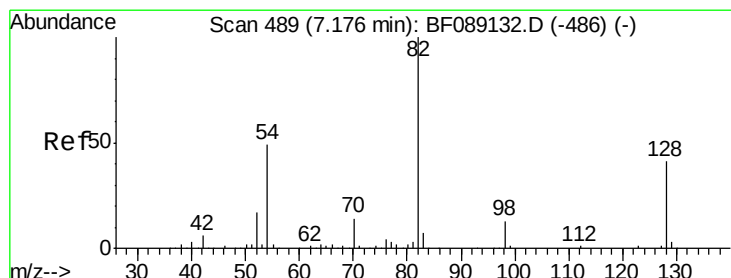
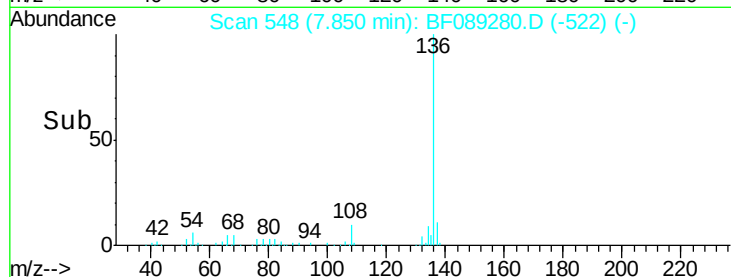
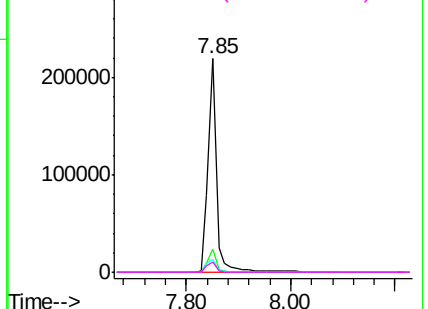


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.61 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

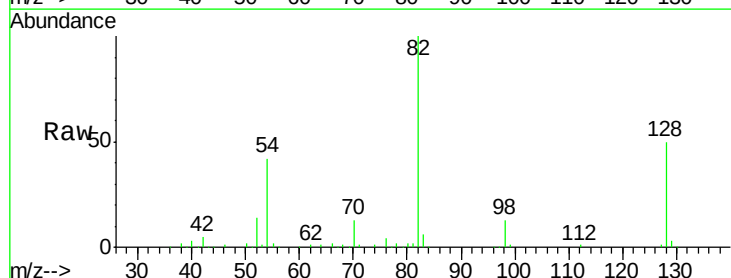
Tgt Ion: 82 Resp: 430915

Ion Ratio Lower Upper

82 100

128 50.4 33.0 49.6#

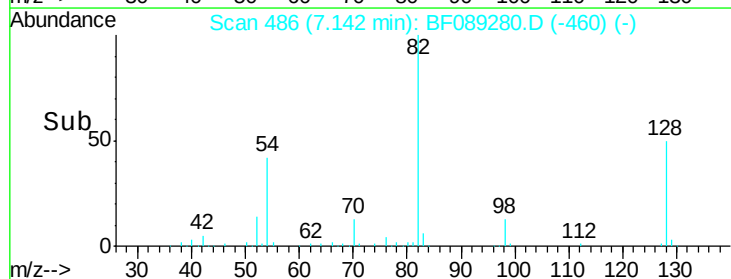
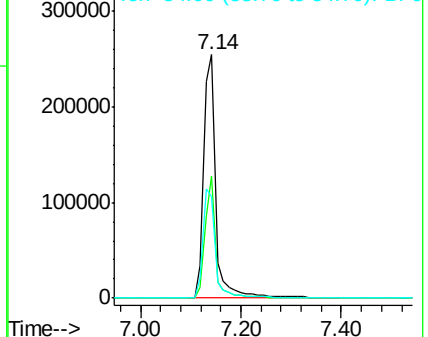
54 41.7 39.0 58.4

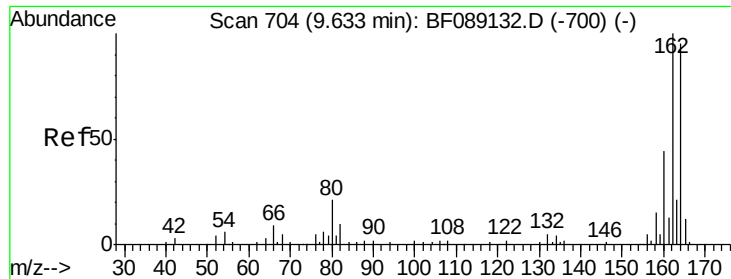


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

KSB-12-10.0-12.0

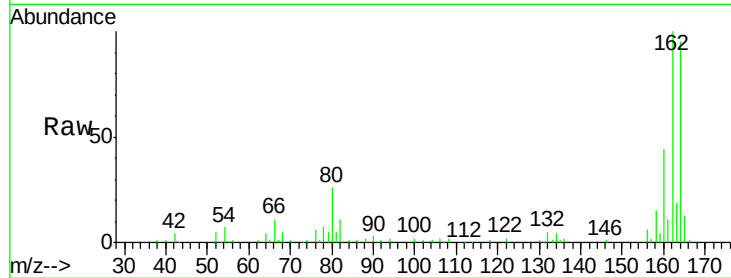
Tgt Ion:164 Resp: 106425

Ion Ratio Lower Upper

164 100

162 104.7 84.1 126.1

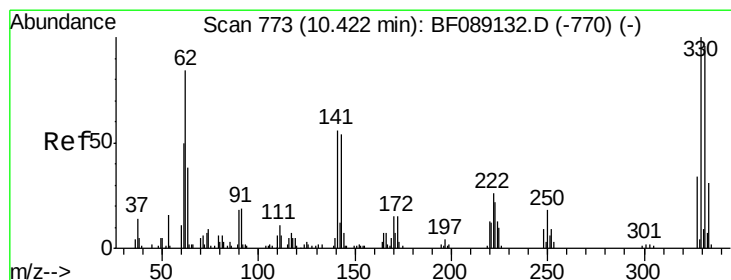
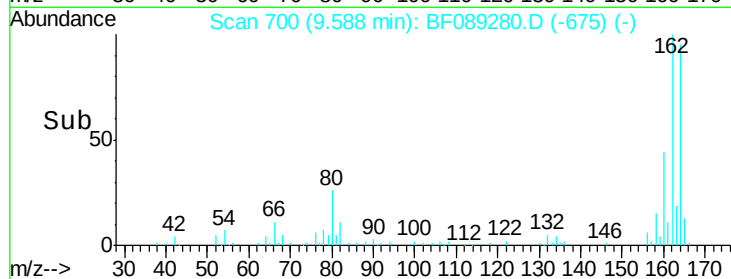
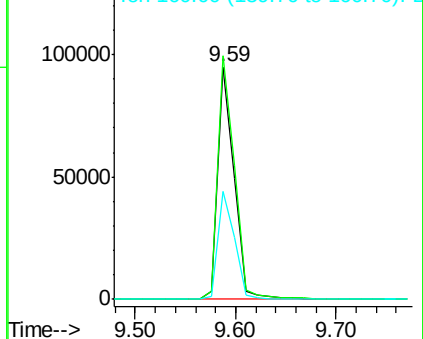
160 46.5 37.1 55.7



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: 124.26 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF089280.D

Acq: 25 Jul 2016 15:42

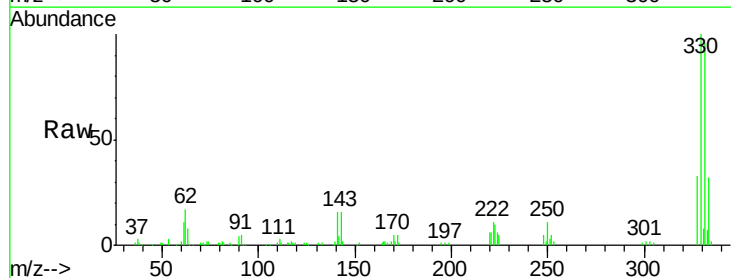
Tgt Ion:330 Resp: 119059

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

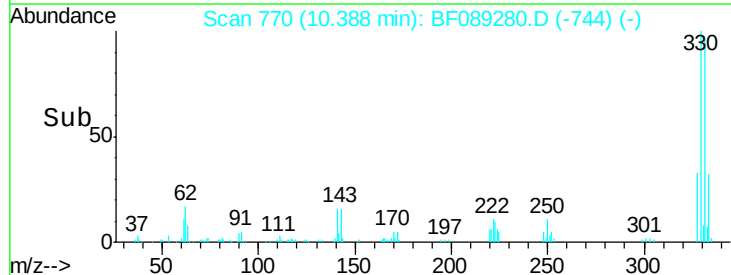
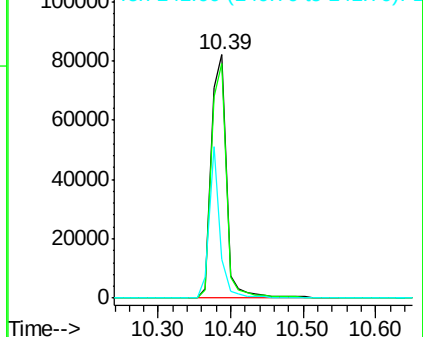
141 44.6 42.2 63.2

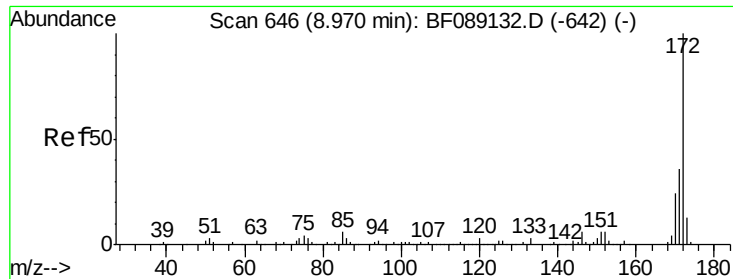


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

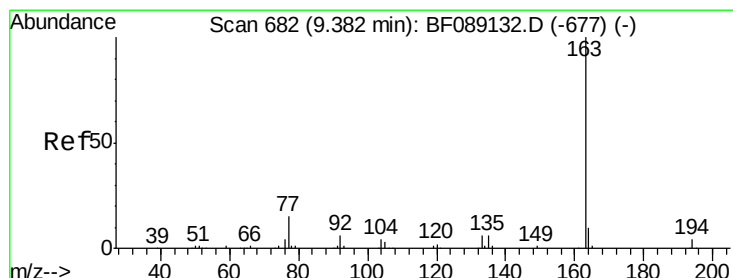
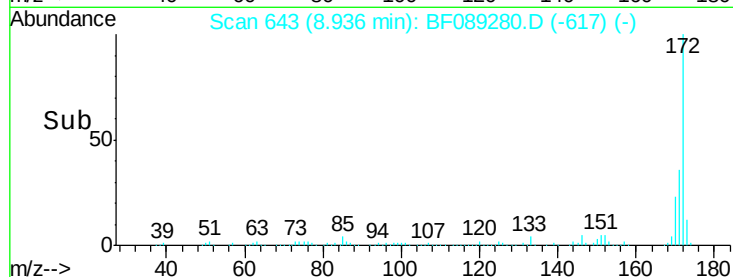
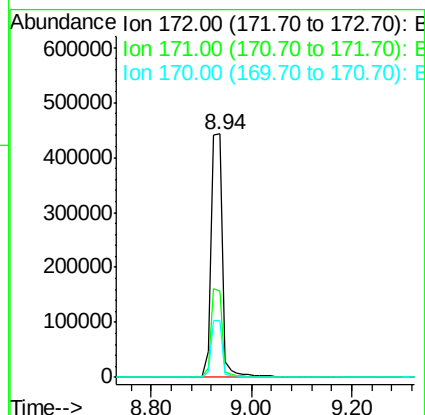
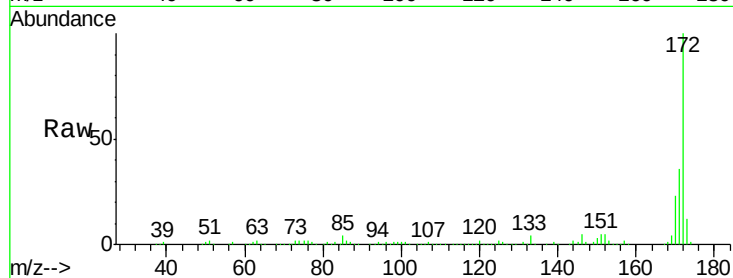




#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

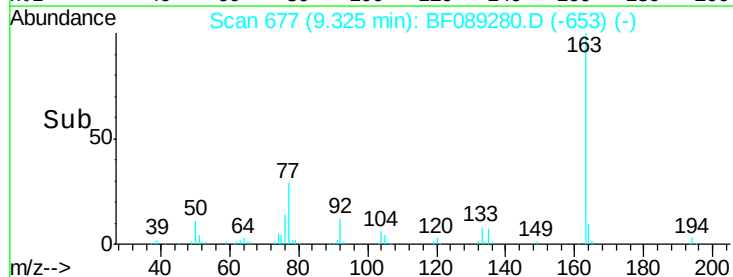
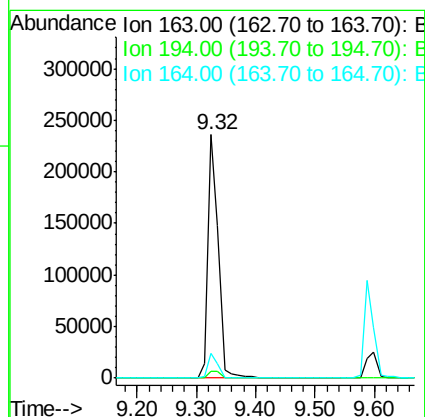
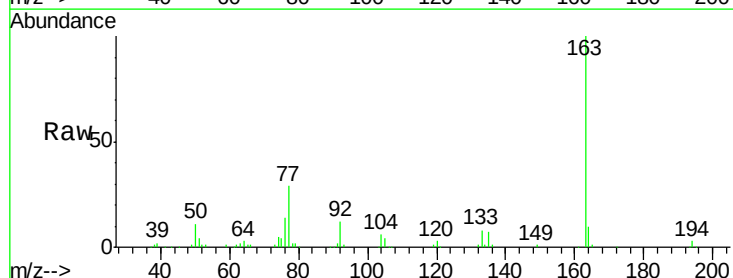
Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

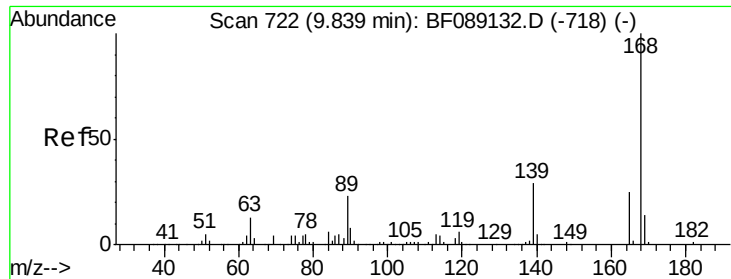
Tgt Ion:172 Resp: 695494
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.4 19.1 28.7



#49
 Dimethylphthalate
 Concen: 35.46 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Tgt Ion:163 Resp: 289558
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.3 7.6 11.4

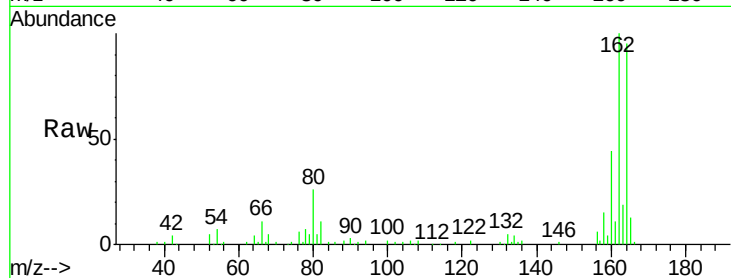




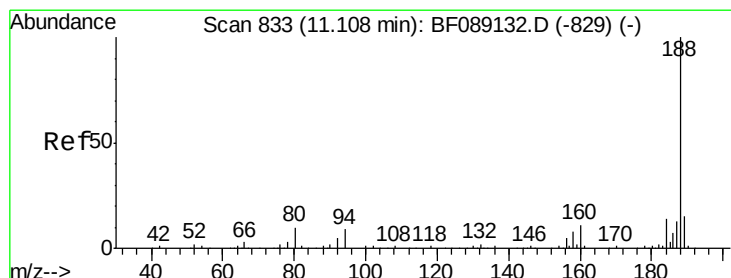
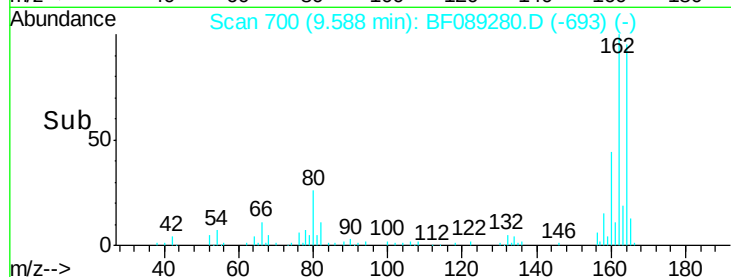
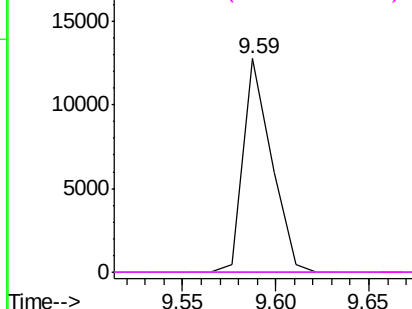
#56
 2,4-Dinitrotoluene
 Concen: 5.68 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

Tgt Ion:165 Resp: 13478
 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#

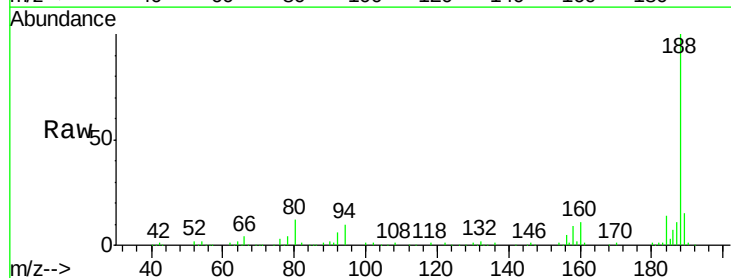


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

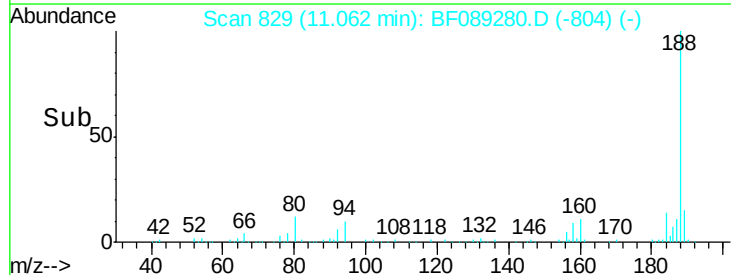
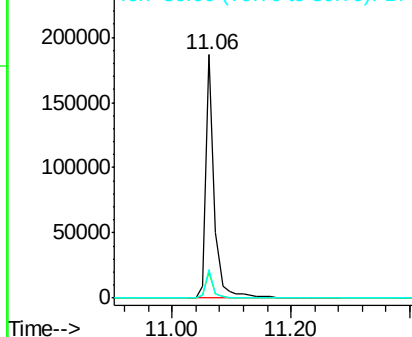


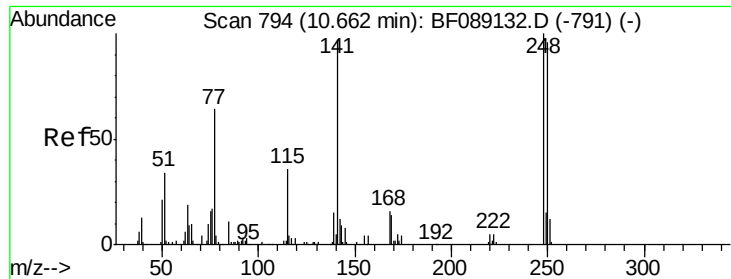
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Tgt Ion:188 Resp: 189850
 Ion Ratio Lower Upper
 188 100
 94 10.5 7.0 10.4#
 80 11.8 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

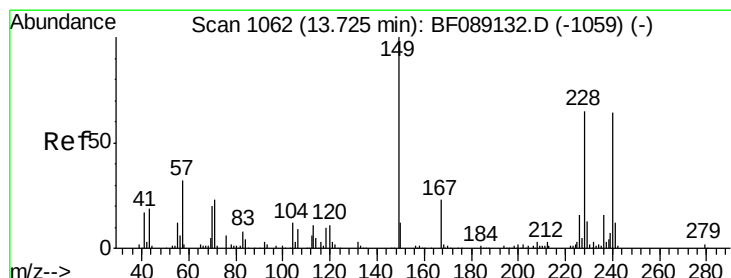
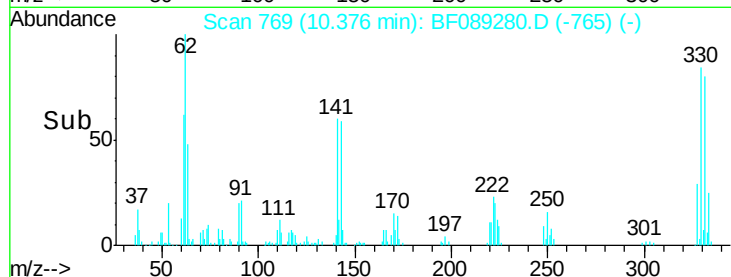
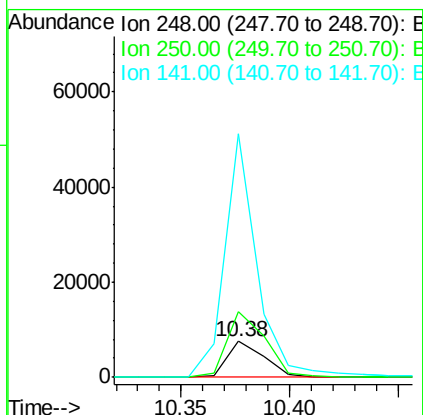
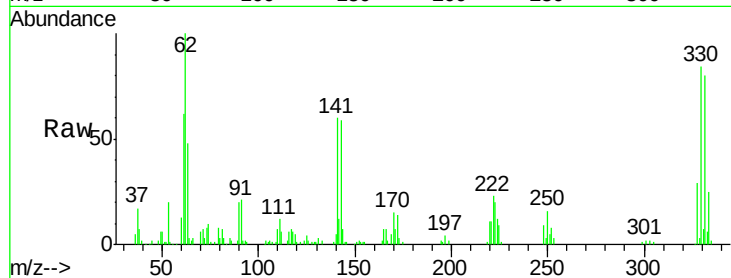




#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089280.D
Acq: 25 Jul 2016 15:42

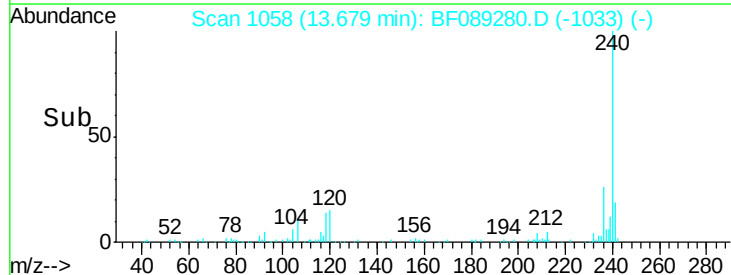
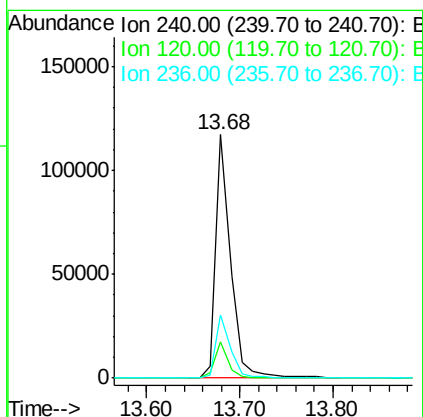
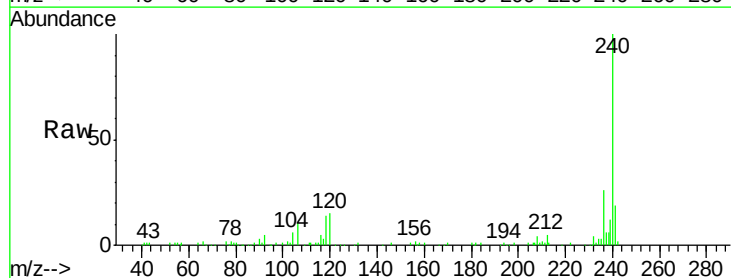
Instrument :
BNA_F
ClientSampleId :
KSB-12-10.0-12.0

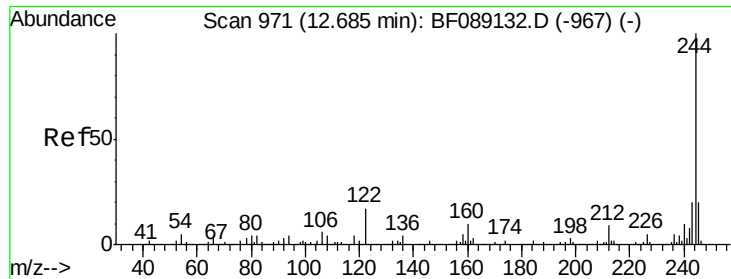
Tgt Ion:248 Resp: 8841
Ion Ratio Lower Upper
248 100
250 181.6 76.9 115.3#
141 672.8 77.4 116.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089280.D
Acq: 25 Jul 2016 15:42

Tgt Ion:240 Resp: 130253
Ion Ratio Lower Upper
240 100
120 15.1 13.6 20.4
236 25.7 20.5 30.7

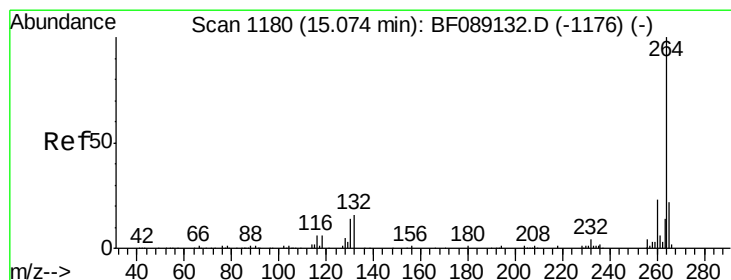
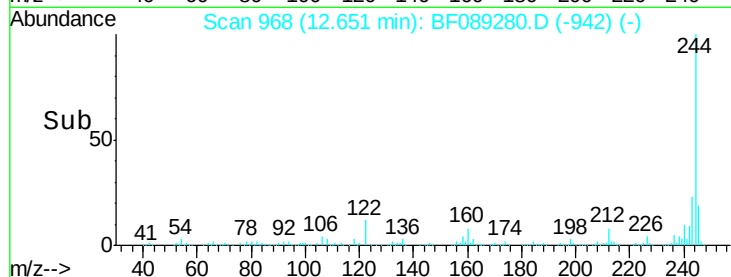
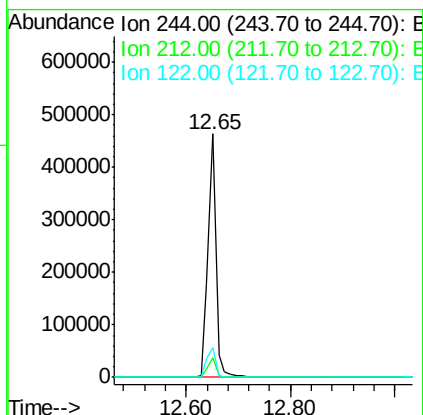
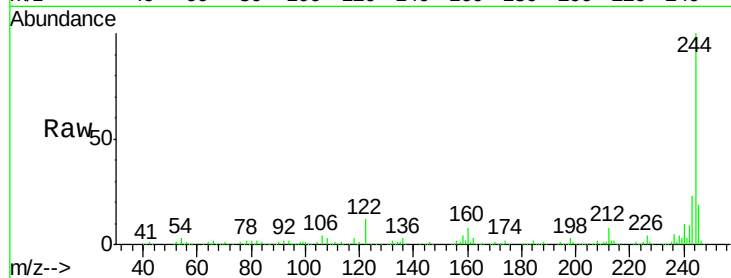




#78
 Terphenyl-d14
 Concen: 82.09 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

Tgt Ion:244 Resp: 492979
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.0 10.4
 122 12.4 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF089280.D
 Acq: 25 Jul 2016 15:42

Tgt Ion:264 Resp: 104018
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.1 17.3 25.9

