

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089246.D
 Acq On : 23 Jul 2016 21:54
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Quant Time: Jul 25 01:11:51 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	44933	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	168794	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	77563	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	149647	20.00	ng	0.00
75) Chrysene-d12	13.70	240	122639	20.00	ng	-0.02
86) Perylene-d12	15.04	264	91374	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	393280	133.12	ng	-0.03
7) Phenol-d6	6.24	99	565467	148.42	ng	-0.03
23) Nitrobenzene-d5	7.15	82	333058	104.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	90800	130.03	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	565288	100.42	ng	-0.01
78) Terphenyl-d14	12.67	244	484288	85.65	ng	-0.01

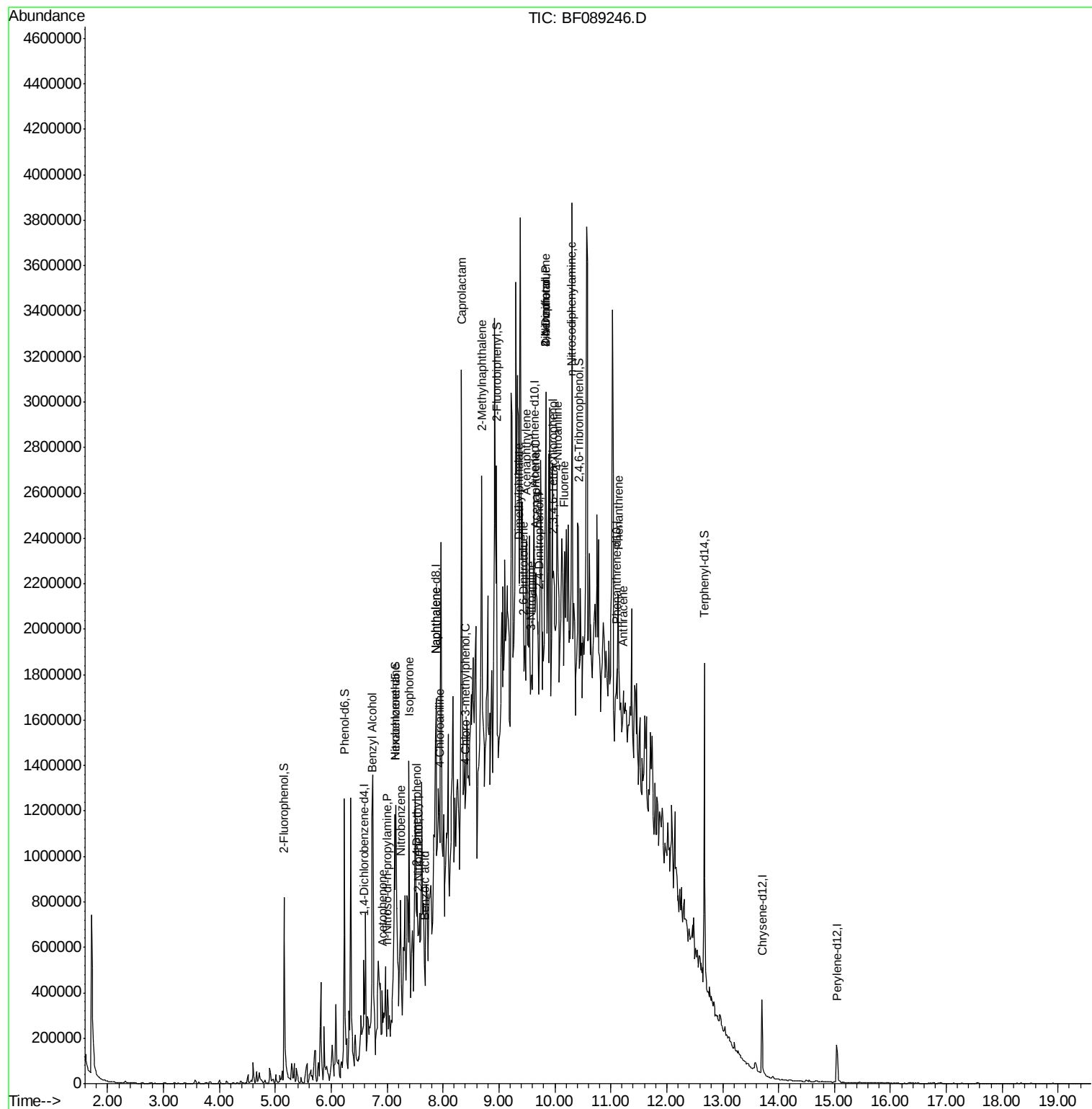
Target Compounds						Qvalue
15) Benzyl Alcohol	6.73	79	10144	3.64	ng	# 50
18) Hexachloroethane	7.15	117	114270	83.38	ng	# 17
19) n-Nitroso-di-n-propylamine	7.00	70	13198	5.30	ng	# 83
22) Acetophenone	6.91	105	47748	10.59	ng	# 68
24) Nitrobenzene	7.24	77	7695	2.30	ng	# 44
25) Isophorone	7.39	82	41618	7.11	ng	# 1
26) 2-Nitrophenol	7.55	139	12376	7.92	ng	# 35
27) 2,4-Dimethylphenol	7.52	122	5351	2.03	ng	# 1
31) Naphthalene	7.87	128	29437	3.23	ng	# 1
32) Benzoic acid	7.67	122	5291	2.61	ng	# 38
33) 4-Chloroaniline	7.93	127	8503	2.22	ng	# 1
35) Caprolactam	8.33	113	78933	107.12	ng	# 44
36) 4-Chloro-3-methylphenol	8.40	107	12352	4.32	ng	# 30
37) 2-Methylnaphthalene	8.70	142	526846	90.68	ng	95
48) Acenaphthylene	9.50	152	24021	2.88	ng	# 1
49) Dimethylphthalate	9.36	163	88689	14.90	ng	# 89
50) 2,6-Dinitrotoluene	9.44	165	7424	5.52	ng	# 79
51) Acenaphthene	9.66	154	40381	8.18	ng	# 76
52) 3-Nitroaniline	9.58	138	3721	2.33	ng	# 48
53) 2,4-Dinitrophenol	9.72	184	775	9.54	ng	# 1
54) Dibenzofuran	9.84	168	45588	6.83	ng	# 1
55) 4-Nitrophenol	9.84	139	42363	43.88	ng	# 63
56) 2,4-Dinitrotoluene	9.84	165	20863	12.05	ng	# 62
57) Fluorene	10.17	166	78326	13.83	ng	# 67
58) 2,3,4,6-Tetrachlorophenol	9.96	232	3625	3.12	ng	# 1
61) 4-Nitroaniline	10.04	138	4324	2.78	ng	85
65) n-Nitrosodiphenylamine	10.30	169	201248	40.24	ng	# 43
70) Phenanthrene	11.13	178	200825	24.46	ng	# 94
71) Anthracene	11.22	178	25883	3.03	ng	# 1

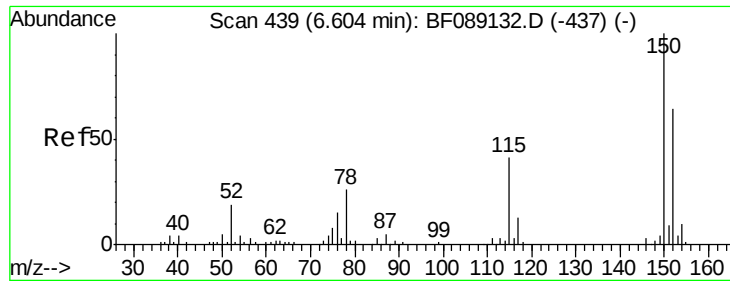
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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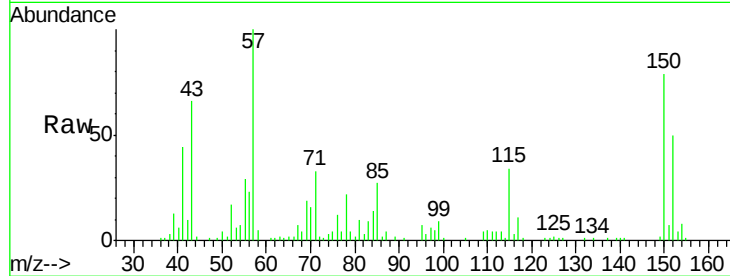


#1

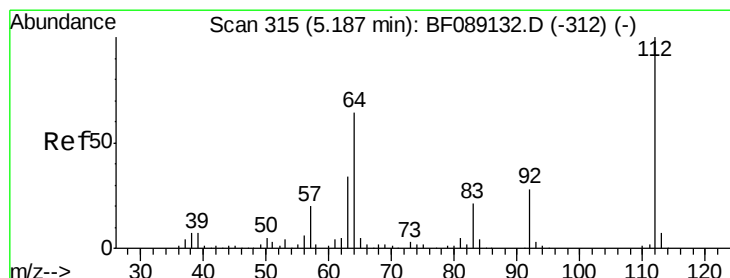
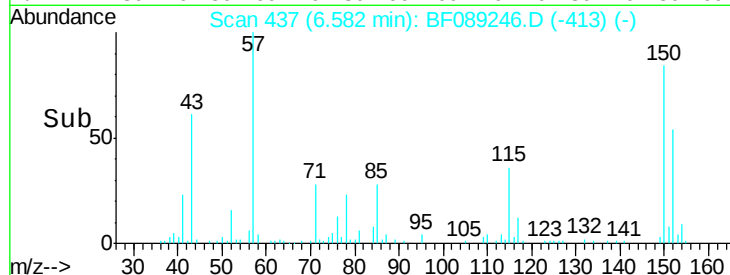
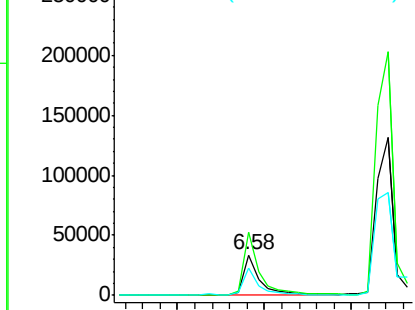
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

Tgt Ion:152 Resp: 44933
Ion Ratio Lower Upper
152 100
150 157.2 125.1 187.7
115 67.1 51.1 76.7



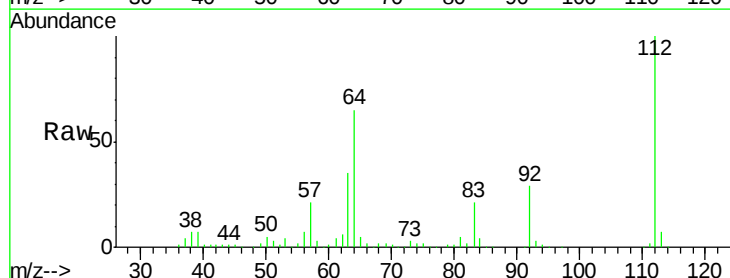
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



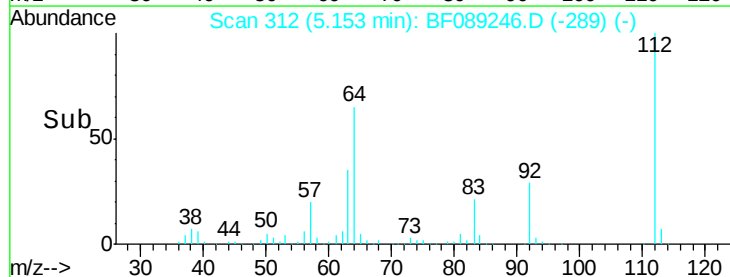
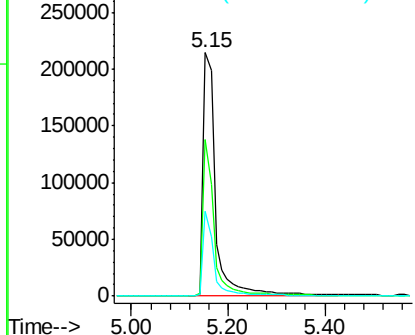
#5

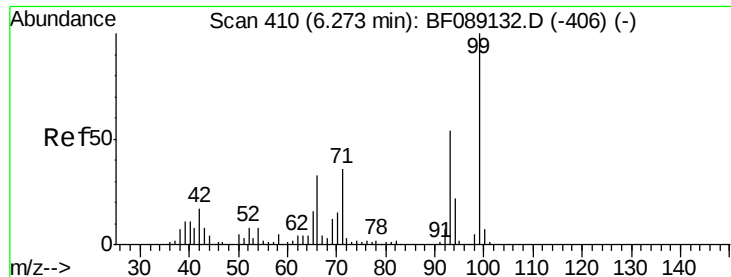
2-Fluorophenol
Concen: 133.12 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:112 Resp: 393280
Ion Ratio Lower Upper
112 100
64 64.5 51.0 76.4
63 34.6 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: 148.42 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

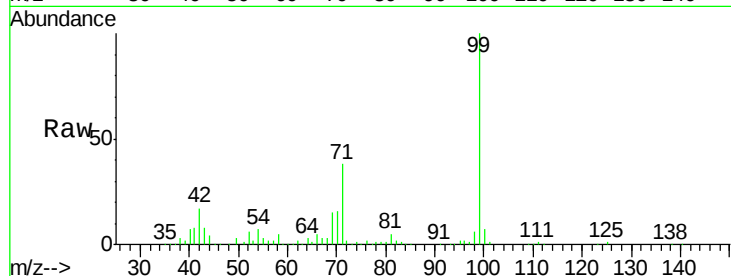
Tgt Ion: 99 Resp: 565467

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

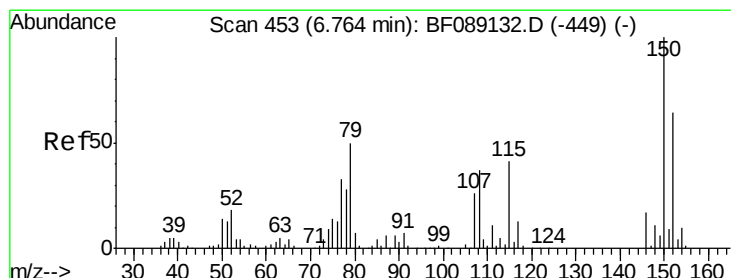
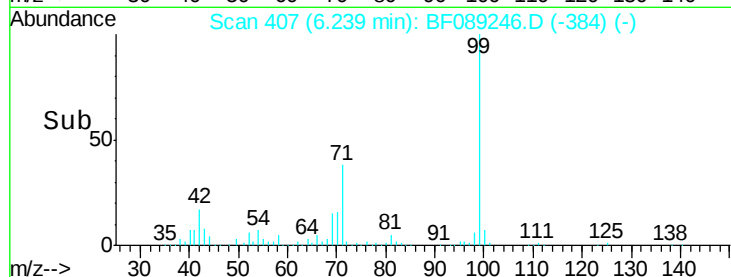
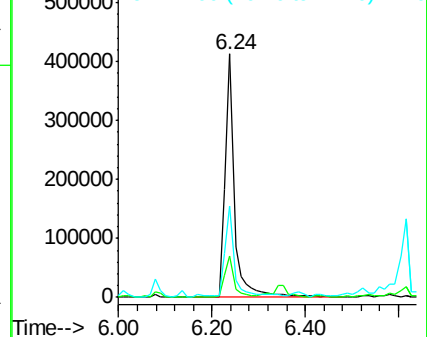
71 37.7 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 3.64 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

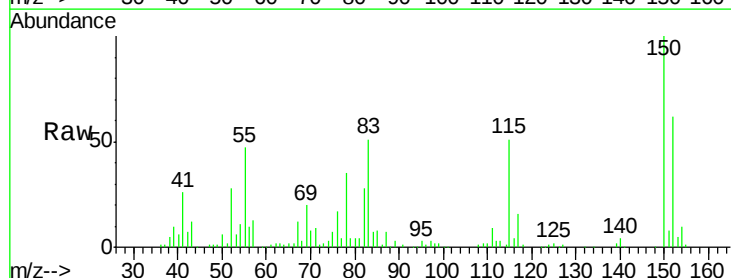
Tgt Ion: 79 Resp: 10144

Ion Ratio Lower Upper

79 100

108 16.9 58.2 87.4#

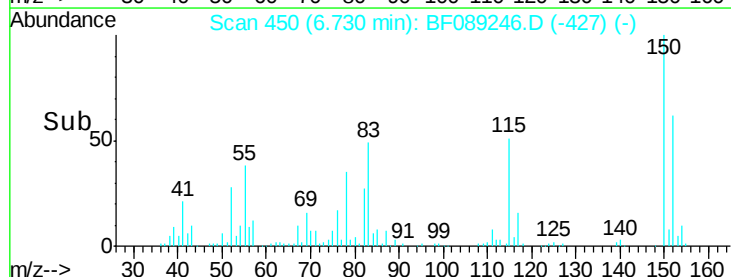
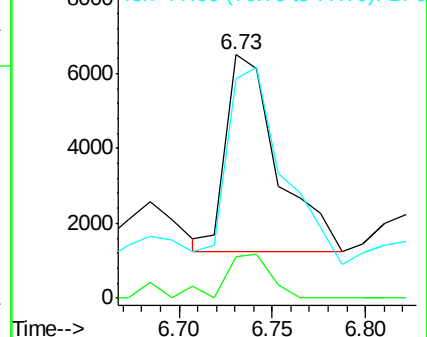
77 90.1 52.2 78.4#

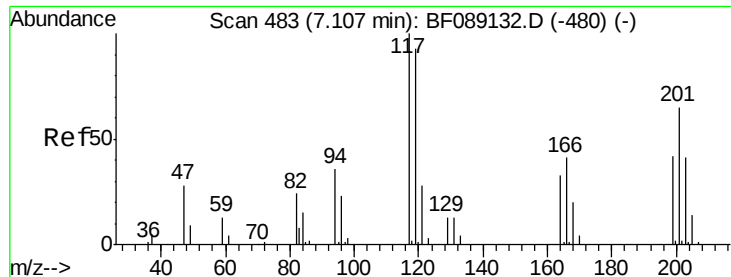


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 83.38 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.05 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

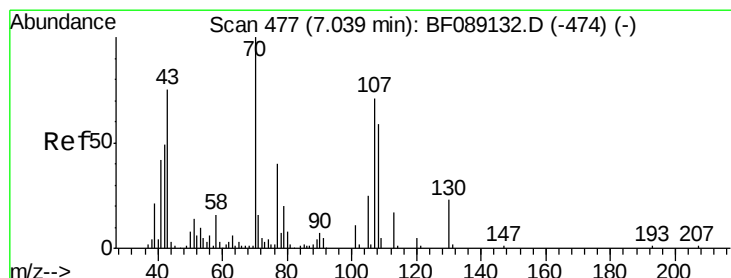
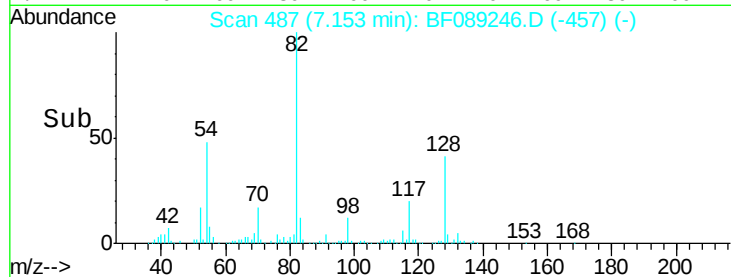
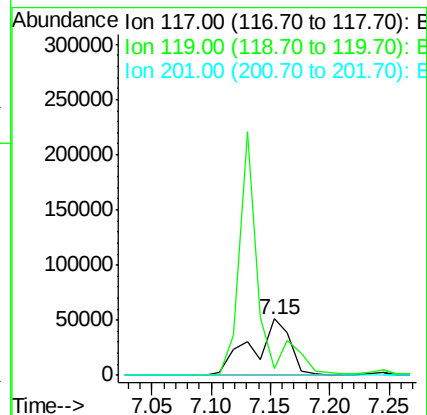
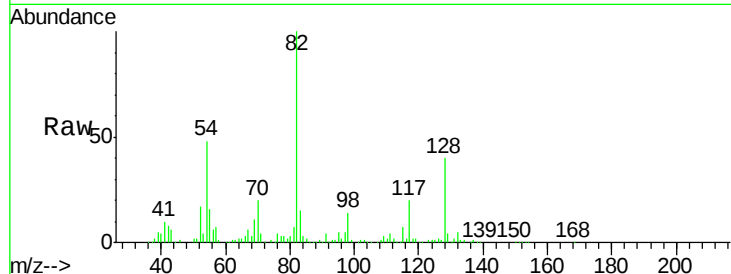
Tgt Ion: 117 Resp: 114270

Ion Ratio Lower Upper

117 100

119 12.1 74.5 111.7#

201 0.0 51.8 77.6#



#19

n-Nitroso-di-n-propylamine

Concen: 5.30 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Tgt Ion: 70 Resp: 13198

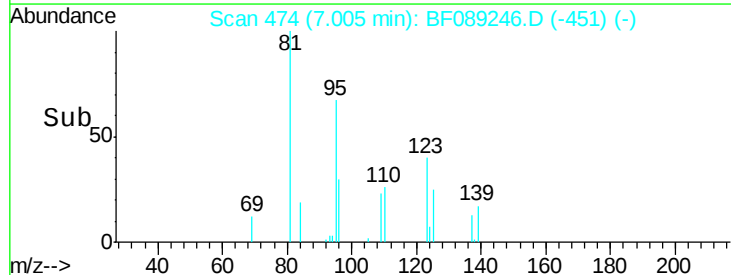
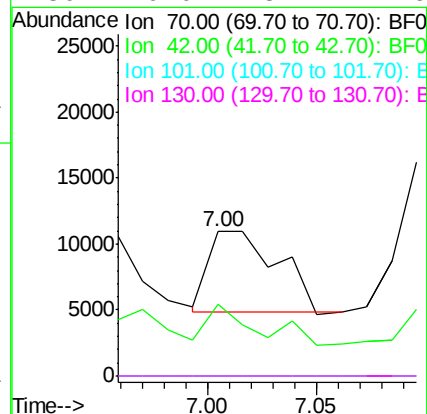
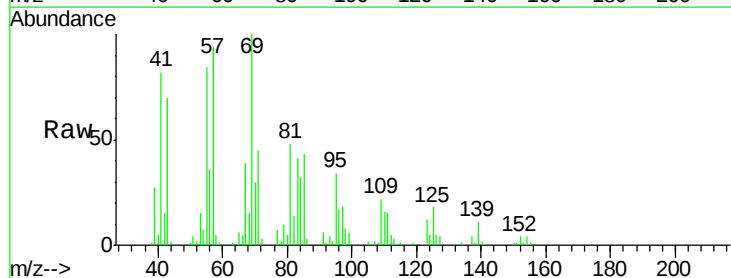
Ion Ratio Lower Upper

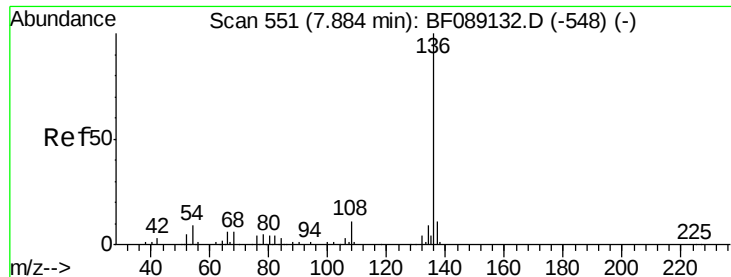
70 100

42 49.4 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

Tgt Ion:136 Resp: 168794

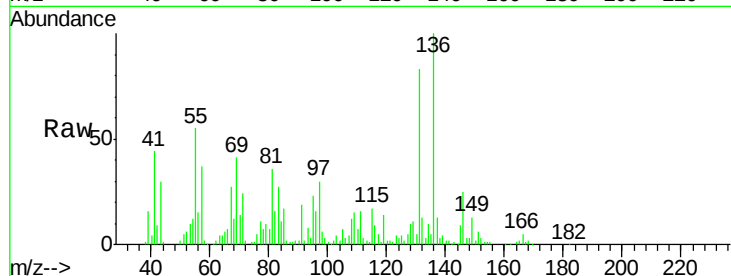
Ion Ratio Lower Upper

136 100

137 13.0 8.8 13.2

54 12.2 7.0 10.4#

68 12.1 5.0 7.6#



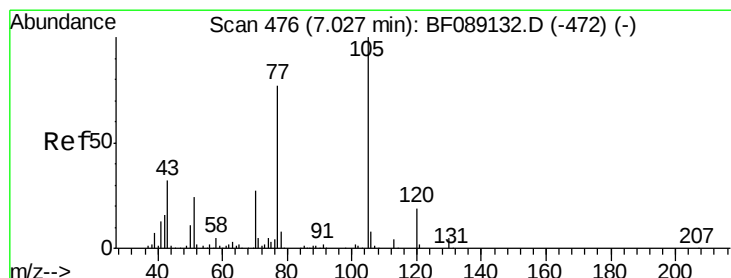
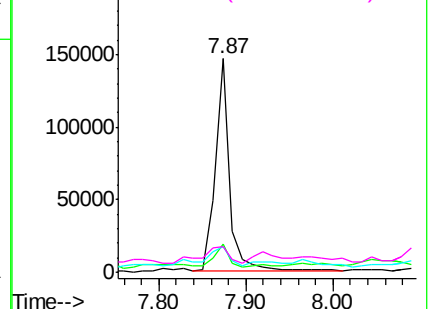
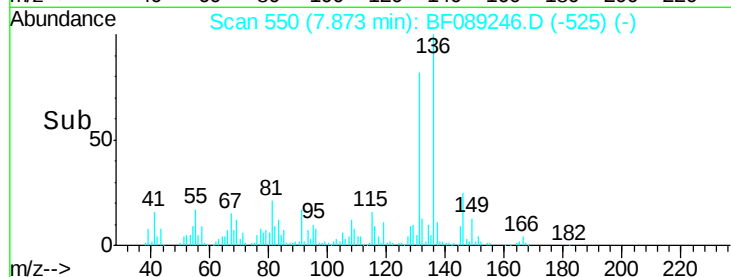
Abundance

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



#22

Acetophenone

Concen: 10.59 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.11 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Tgt Ion:105 Resp: 47748

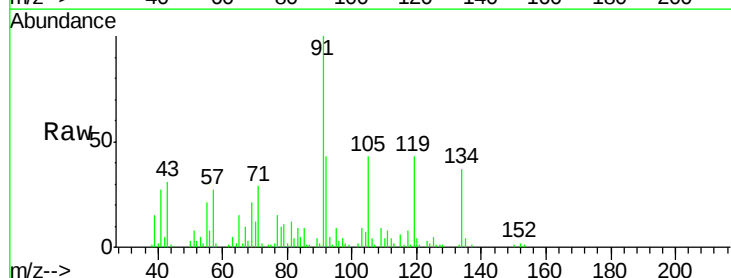
Ion Ratio Lower Upper

105 100

71 66.3 3.8 5.6#

51 19.0 19.6 29.4#

120 9.7 15.5 23.3#



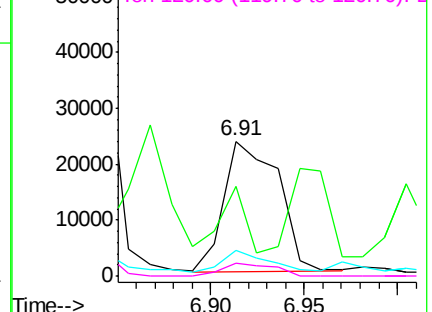
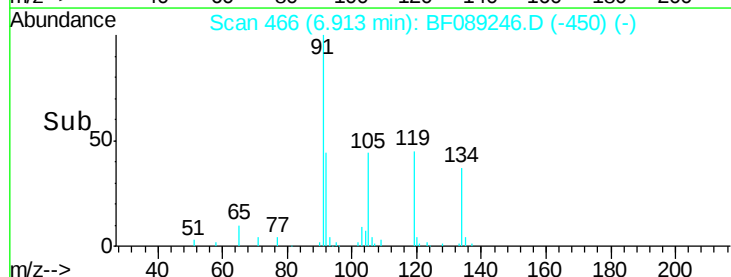
Abundance

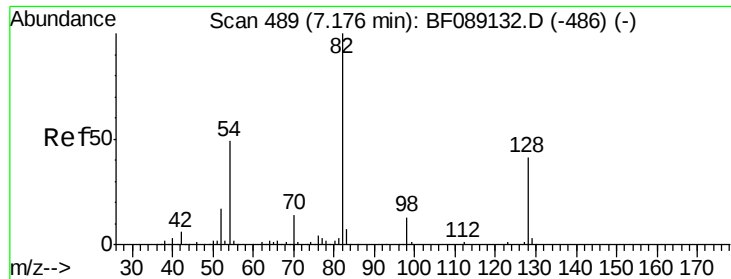
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

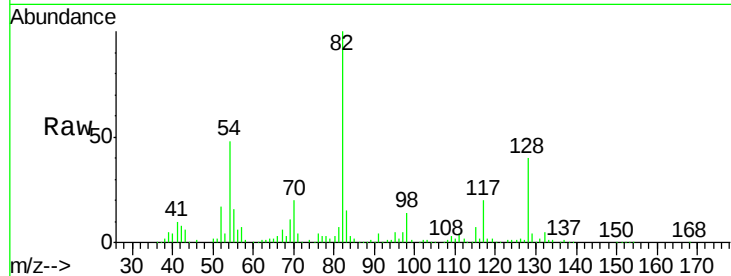




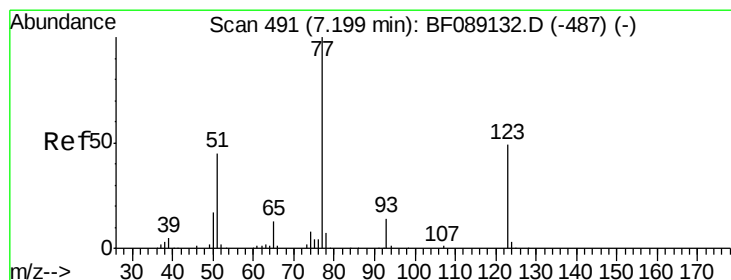
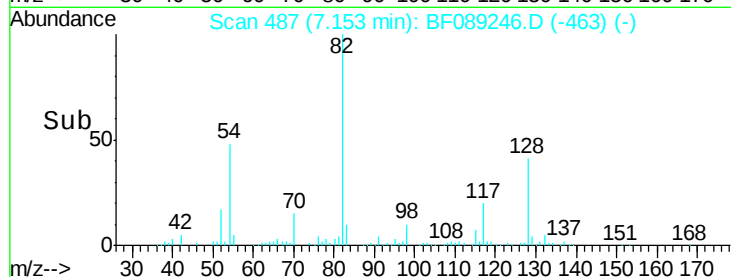
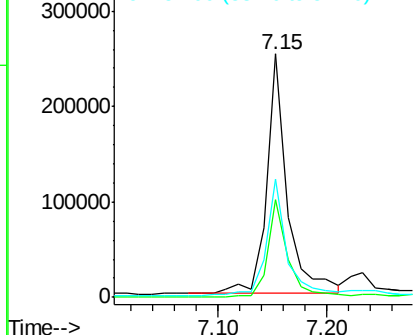
#23
 Nitrobenzene-d5
 Concen: 104.84 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Instrument :
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 KSB-09-5.0-7.0

Tgt Ion: 82 Resp: 333058
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.0 49.6
 54 48.5 39.0 58.4

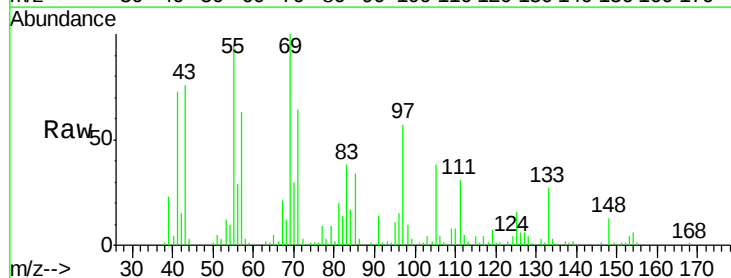


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

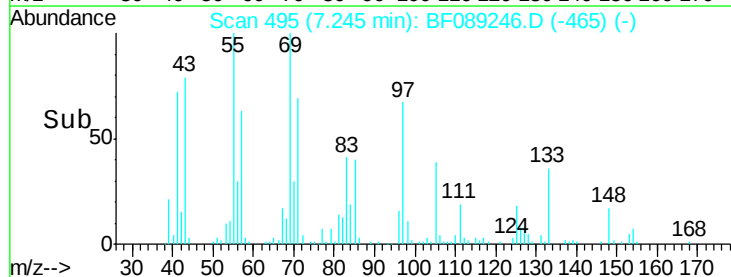
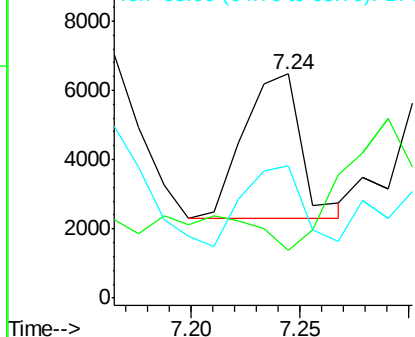


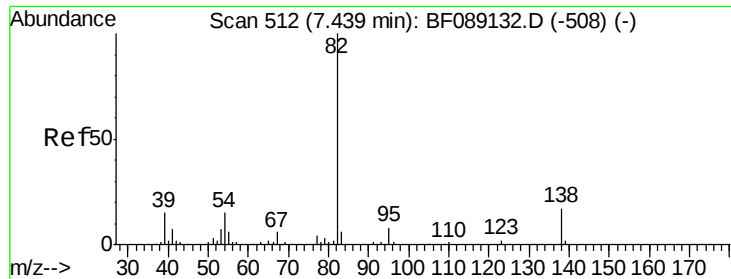
#24
 Nitrobenzene
 Concen: 2.30 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.05 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion: 77 Resp: 7695
 Ion Ratio Lower Upper
 77 100
 123 21.2 38.9 58.3#
 65 59.2 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 7.11 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

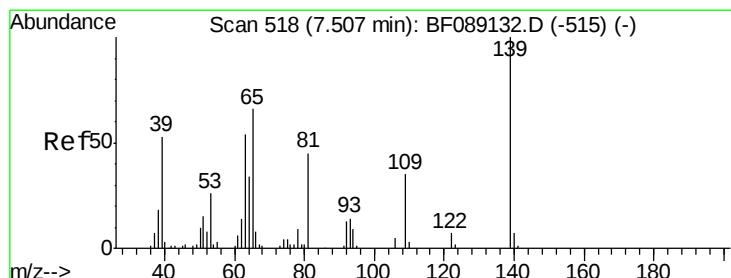
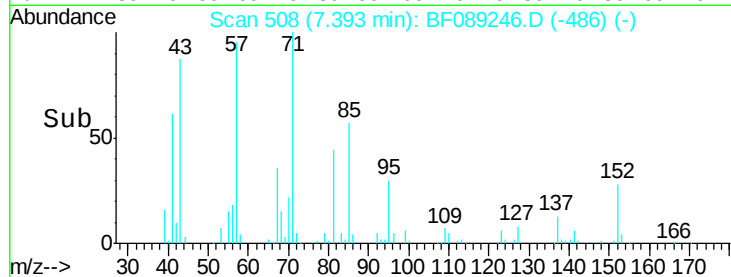
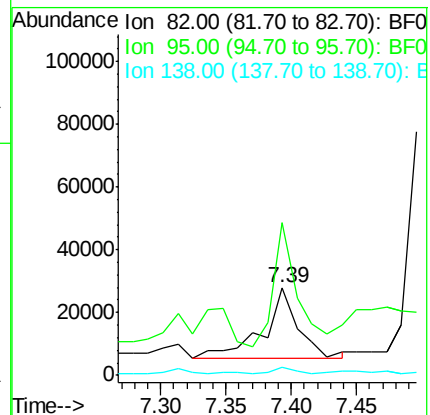
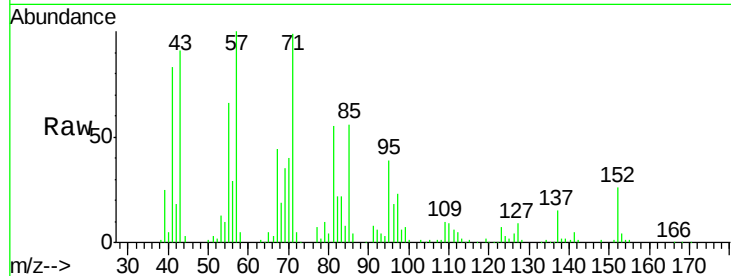
Tgt Ion: 82 Resp: 41618

Ion Ratio Lower Upper

82 100

95 175.1 6.1 9.1#

138 9.3 13.6 20.4#



#26

2-Nitrophenol

Concen: 7.92 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.05 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

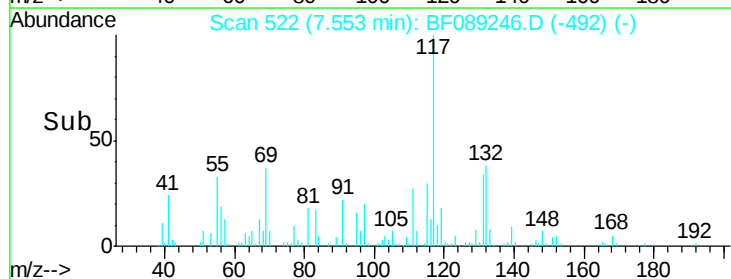
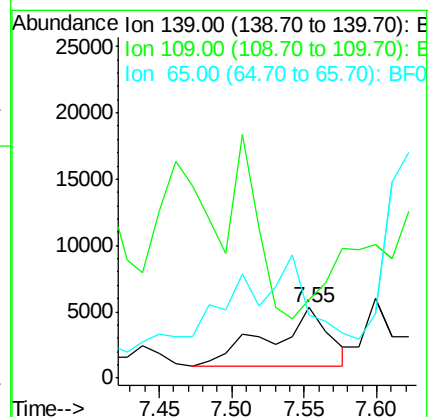
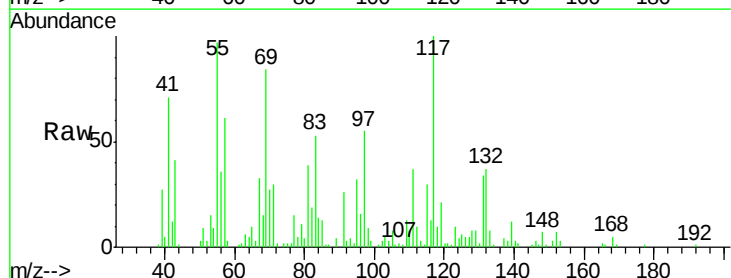
Tgt Ion: 139 Resp: 12376

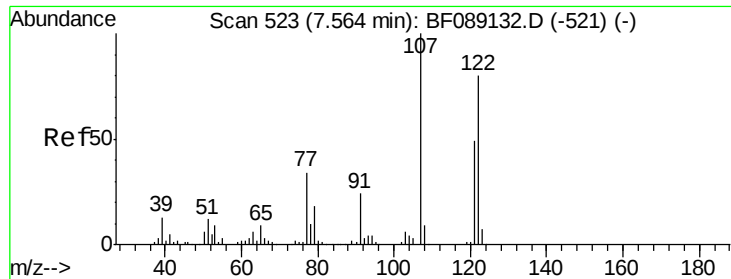
Ion Ratio Lower Upper

139 100

109 111.5 28.1 42.1#

65 89.3 52.7 79.1#

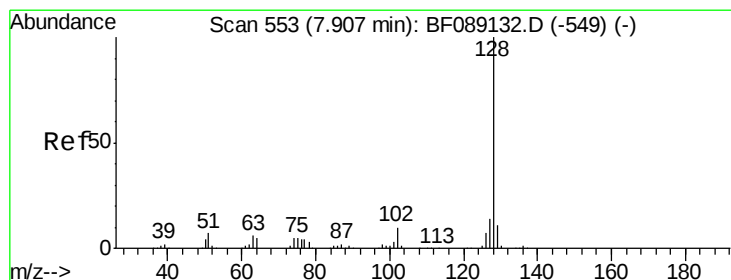
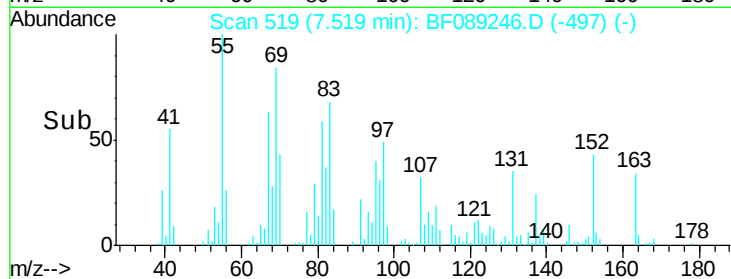
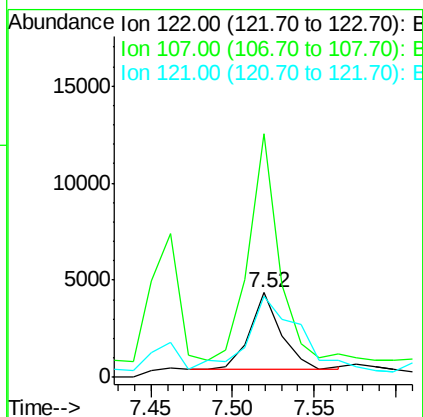
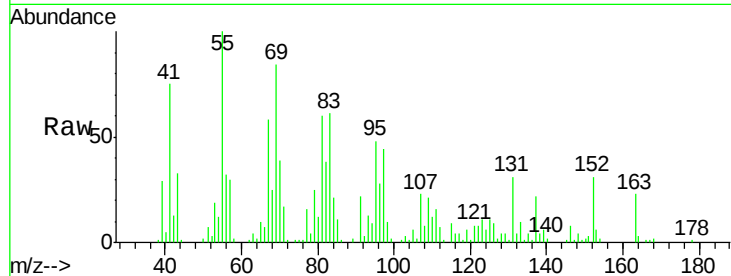




#27
2,4-Dimethylphenol
Concen: 2.03 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

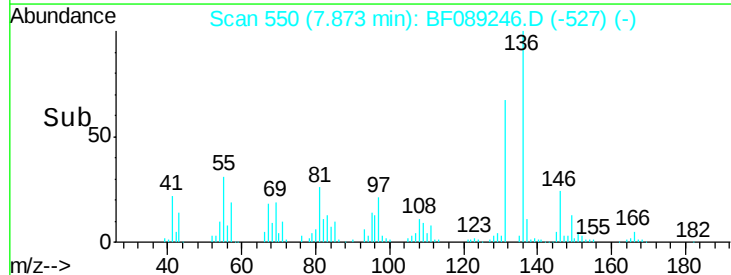
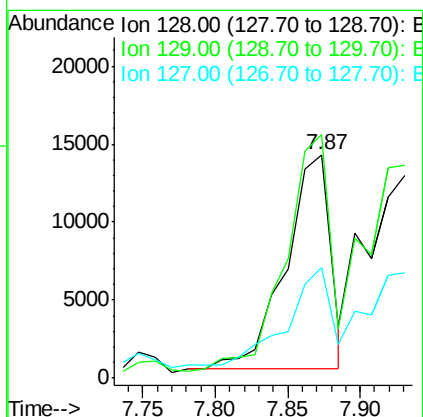
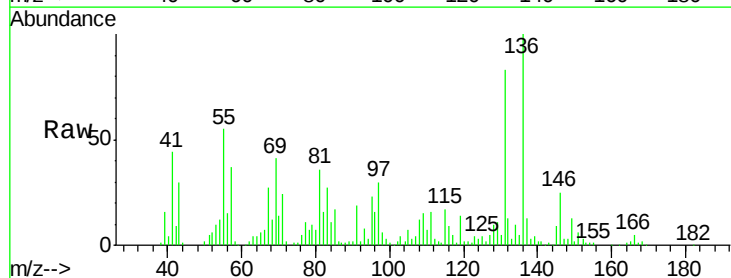
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

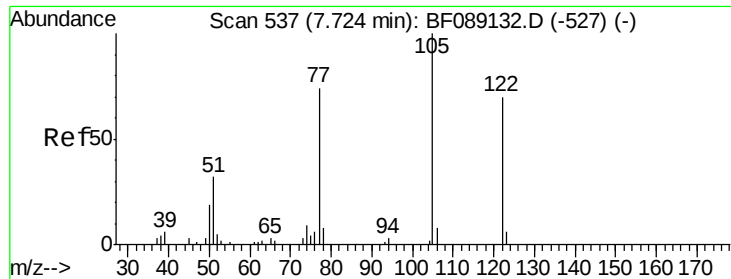
Tgt Ion:122 Resp: 5351
Ion Ratio Lower Upper
122 100
107 287.2 99.7 149.5#
121 95.2 48.5 72.7#



#31
Naphthalene
Concen: 3.23 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:128 Resp: 29437
Ion Ratio Lower Upper
128 100
129 109.0 8.9 13.3#
127 49.5 10.8 16.2#





#32

Benzoic acid

Concen: 2.61 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

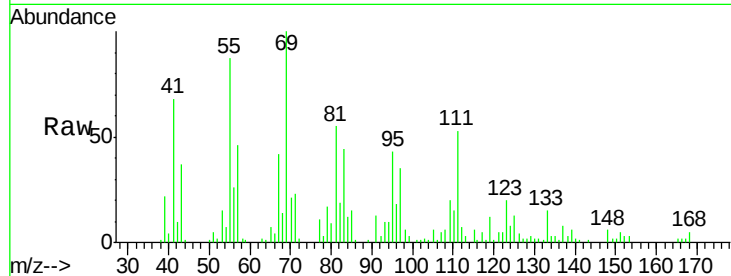
Tgt Ion:122 Resp: 5291

Ion Ratio Lower Upper

122 100

105 127.2 119.0 159.0

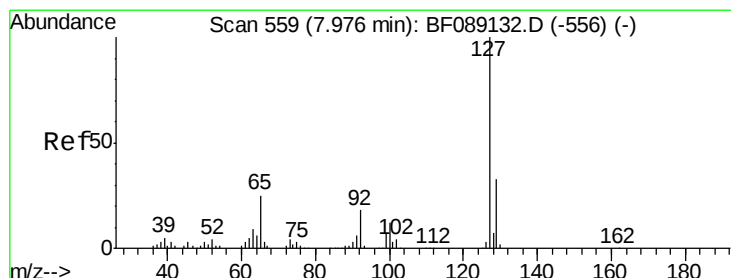
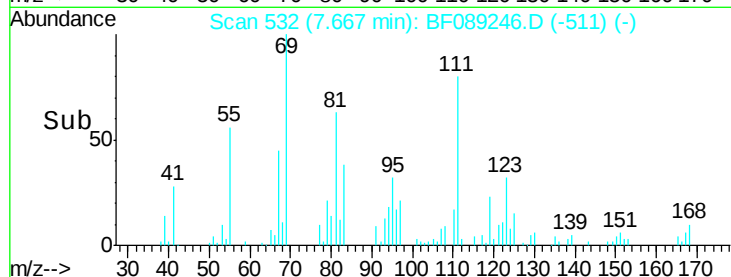
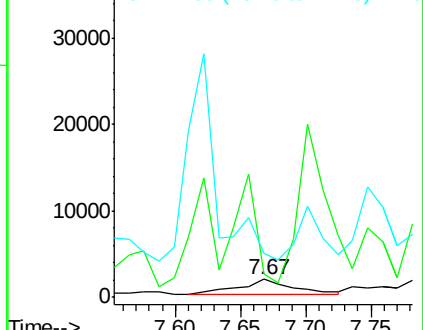
77 238.8 84.7 124.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.22 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Tgt Ion:127 Resp: 8503

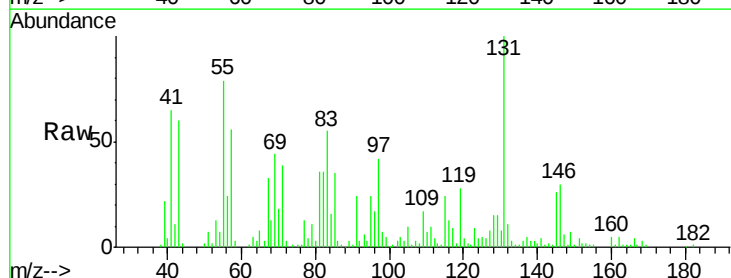
Ion Ratio Lower Upper

127 100

129 201.5 25.9 38.9#

65 111.0 19.7 29.5#

92 34.0 14.3 21.5#

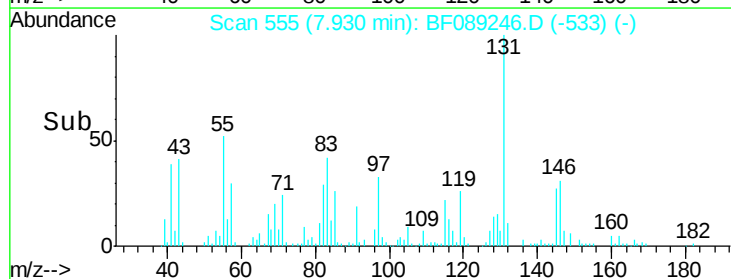
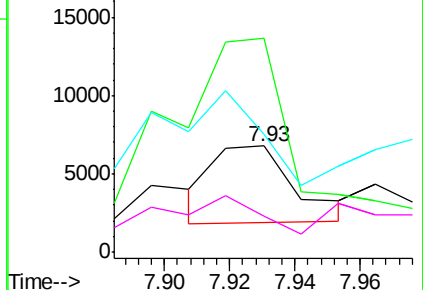


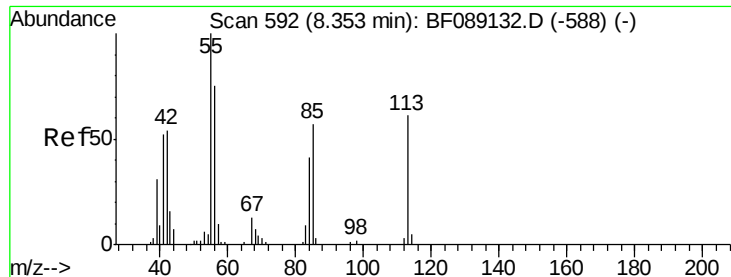
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 107.12 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

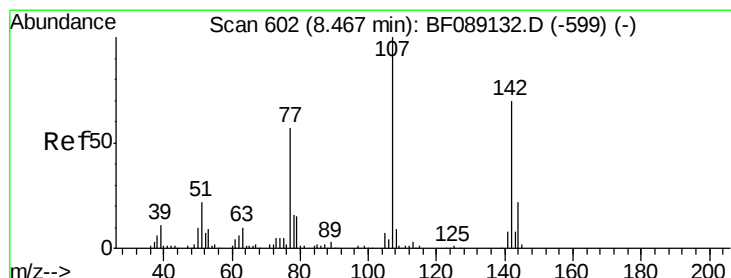
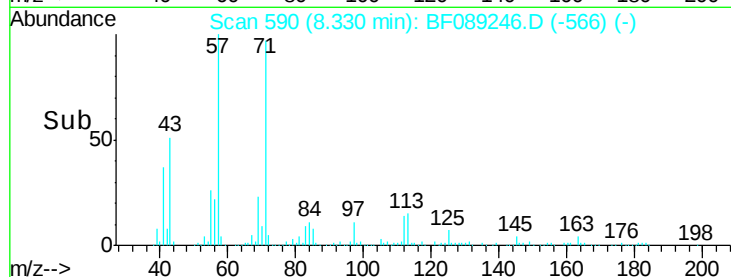
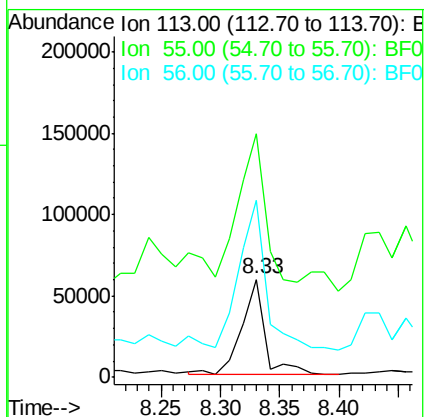
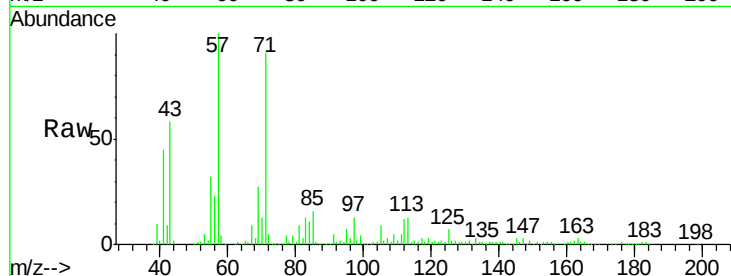
Tgt Ion:113 Resp: 78933

Ion Ratio Lower Upper

113 100

55 248.1 145.3 185.3#

56 180.0 104.3 144.3#



#36

4-Chloro-3-methylphenol

Concen: 4.32 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.07 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

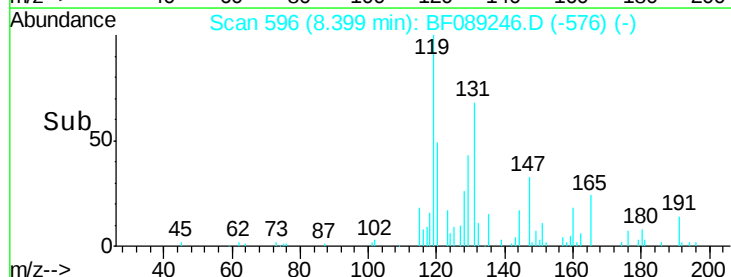
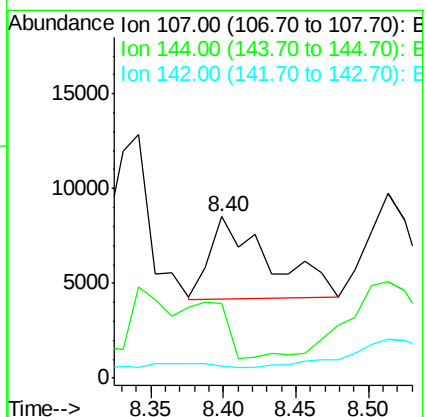
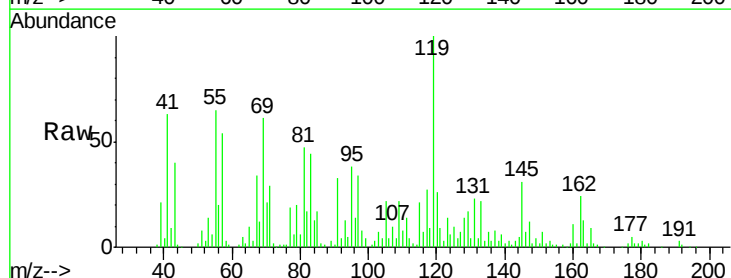
Tgt Ion:107 Resp: 12352

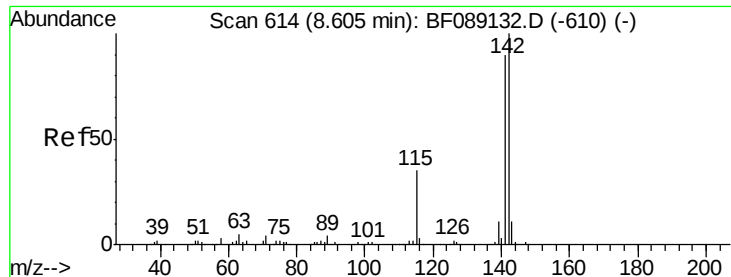
Ion Ratio Lower Upper

107 100

144 46.1 17.8 26.6#

142 7.7 56.1 84.1#

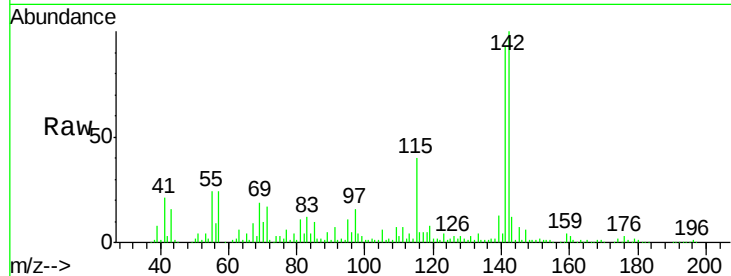




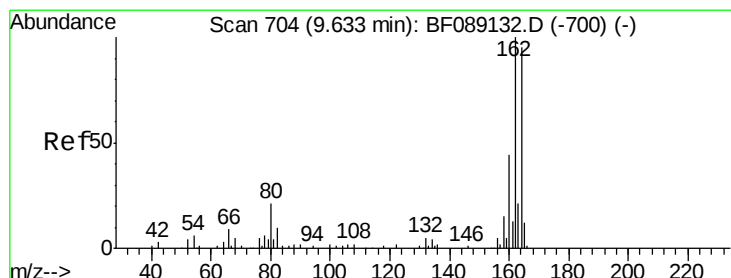
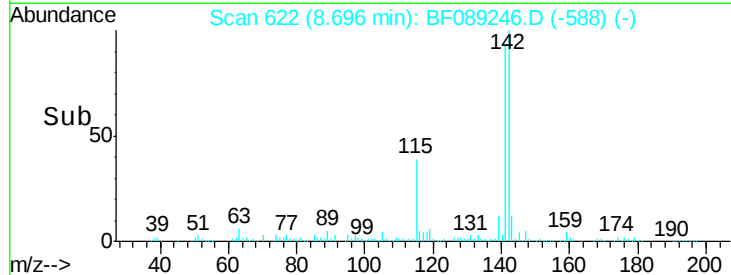
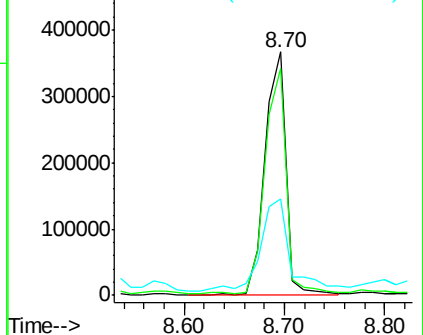
#37
 2-Methylnaphthalene
 Concen: 90.68 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.09 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Tgt Ion:142 Resp: 526846
 Ion Ratio Lower Upper
 142 100
 141 93.3 71.6 107.4
 115 39.6 27.6 41.4

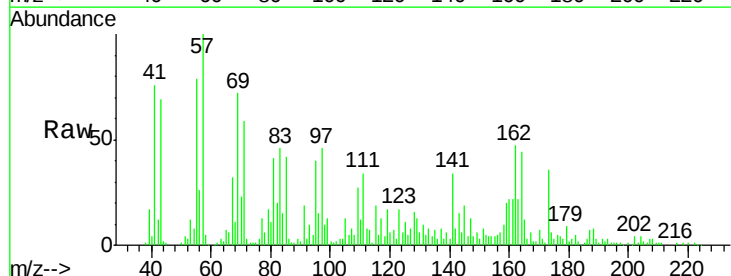


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

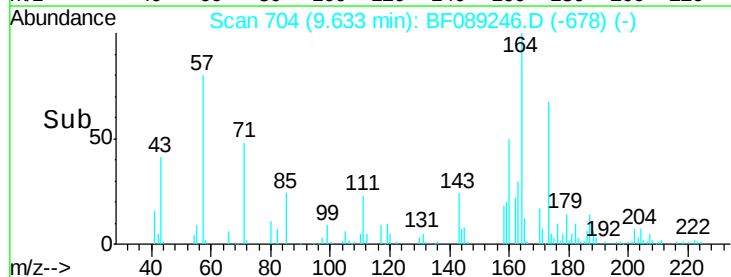
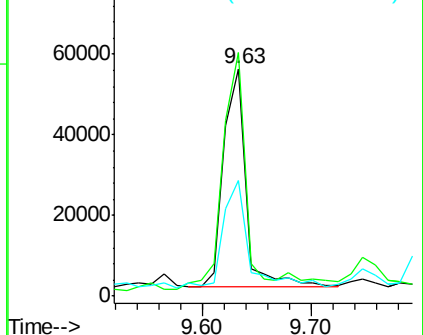


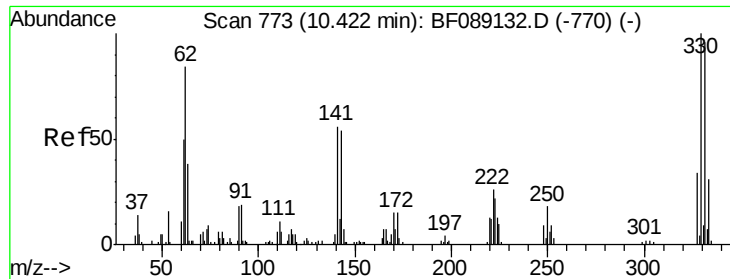
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion:164 Resp: 77563
 Ion Ratio Lower Upper
 164 100
 162 107.3 84.1 126.1
 160 51.1 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

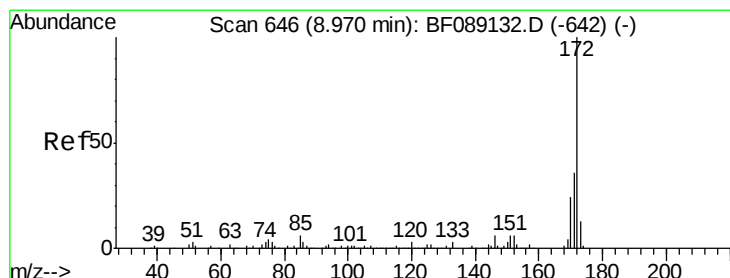
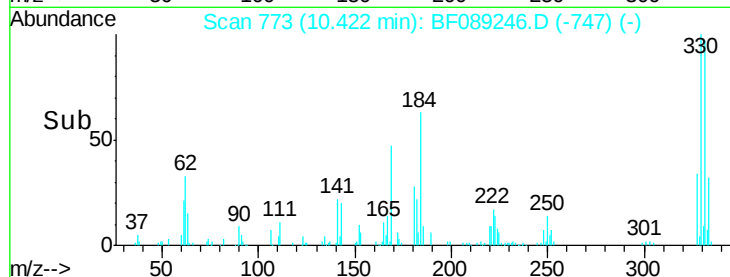
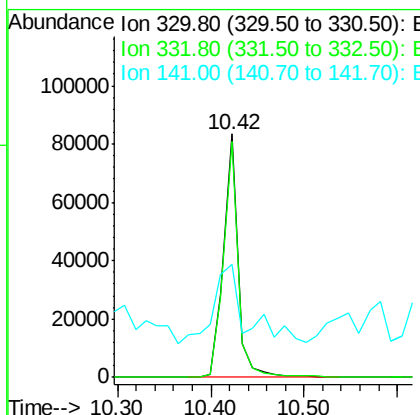
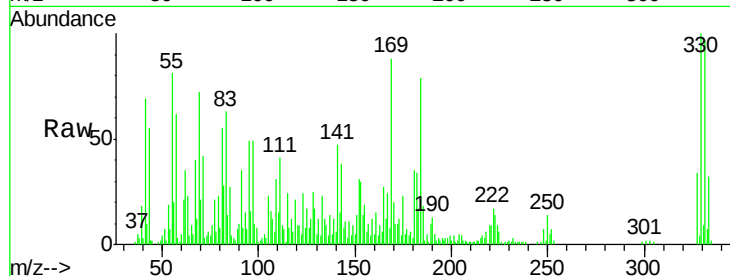




#41
 2,4,6-Tribromophenol
 Concen: 130.03 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

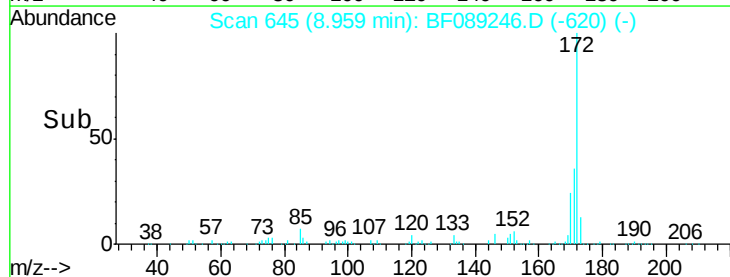
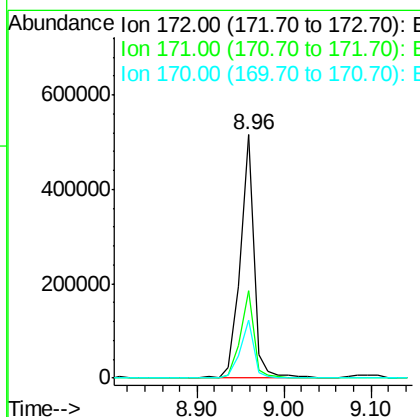
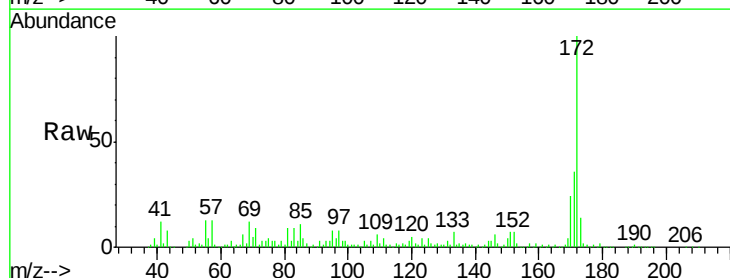
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

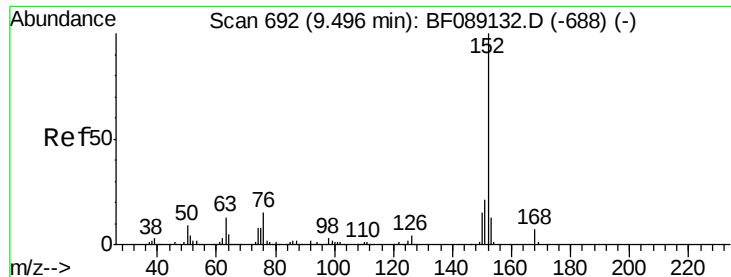
Tgt Ion:330 Resp: 90800
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 55.3 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 100.42 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion:172 Resp: 565288
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.1 28.7

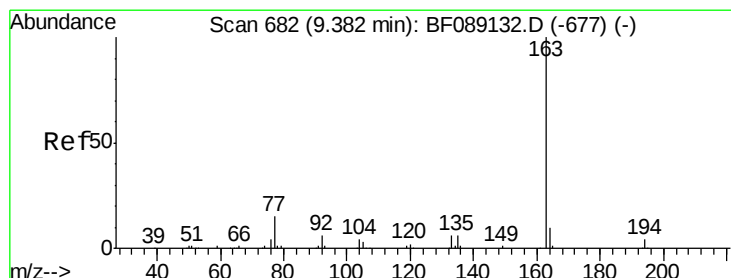
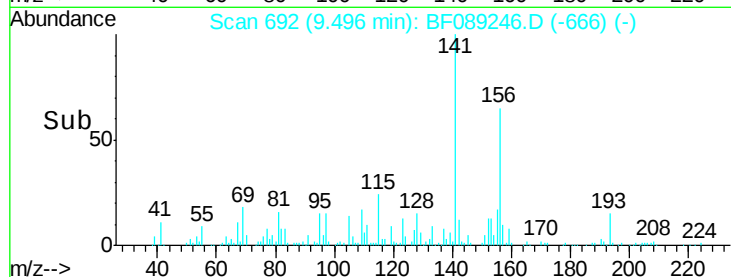
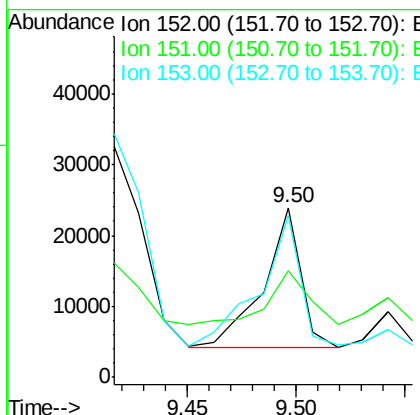
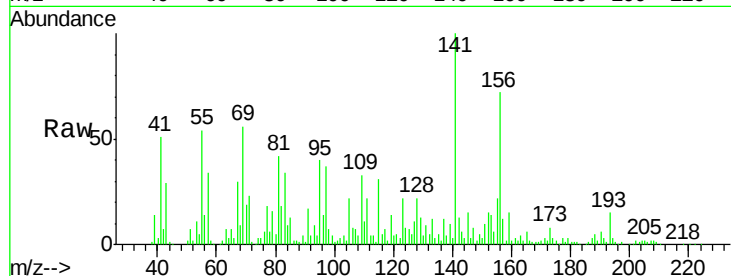




#48
Acenaphthylene
Concen: 2.88 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

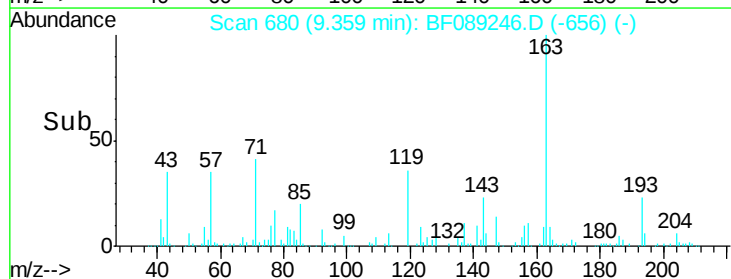
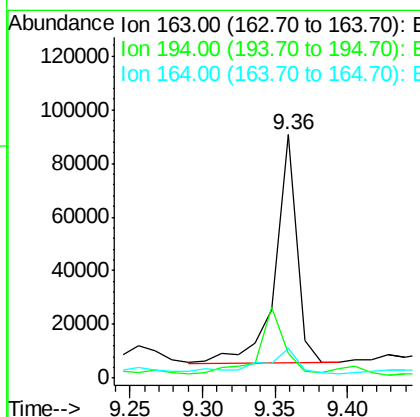
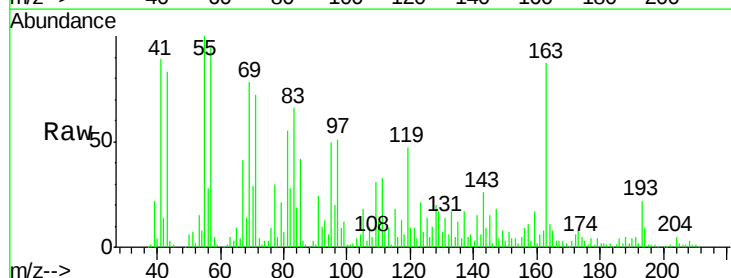
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

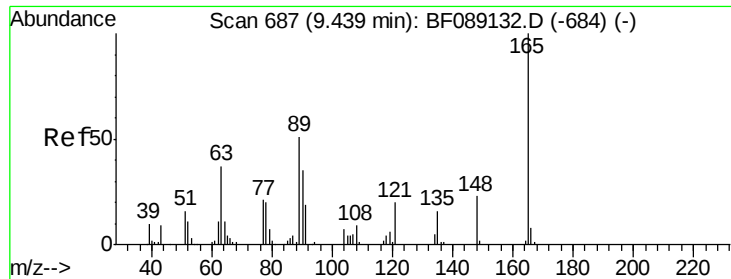
Tgt Ion:152 Resp: 24021
Ion Ratio Lower Upper
152 100
151 63.3 16.5 24.7#
153 95.3 10.7 16.1#



#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:163 Resp: 88689
Ion Ratio Lower Upper
163 100
194 10.2 2.9 4.3#
164 12.2 7.6 11.4#





#50

2,6-Dinitrotoluene

Concen: 5.52 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

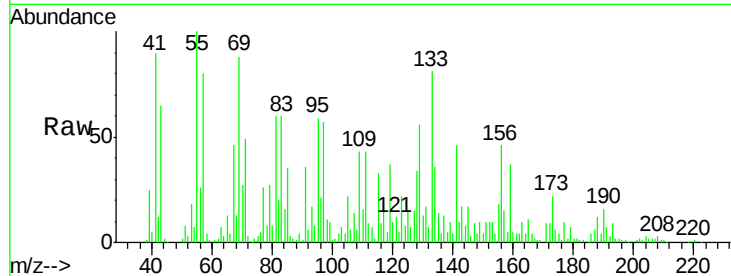
Tgt Ion:165 Resp: 7424

Ion Ratio Lower Upper

165 100

63 60.8 37.0 55.4#

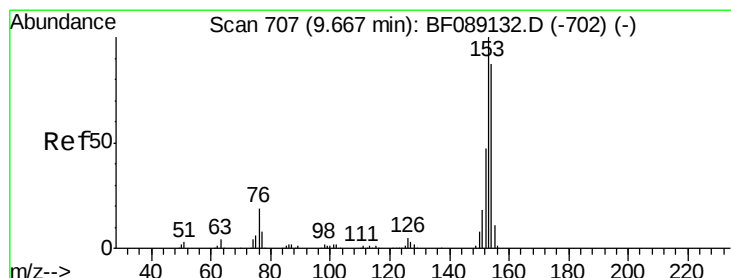
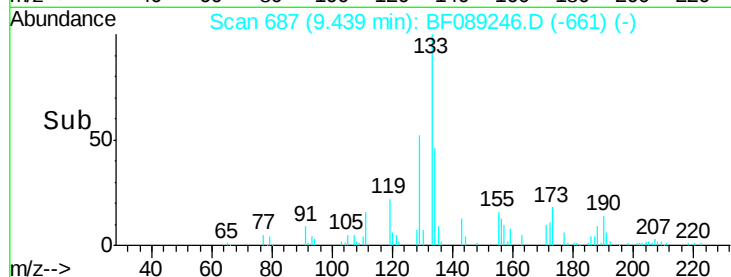
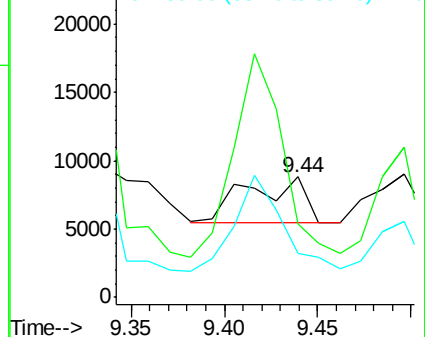
89 36.7 40.9 61.3#



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



#51

Acenaphthene

Concen: 8.18 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

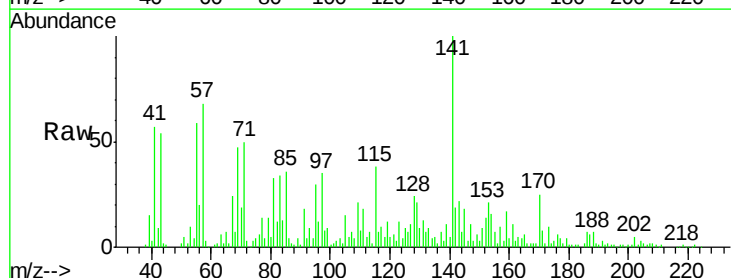
Tgt Ion:154 Resp: 40381

Ion Ratio Lower Upper

154 100

153 132.0 91.9 137.9

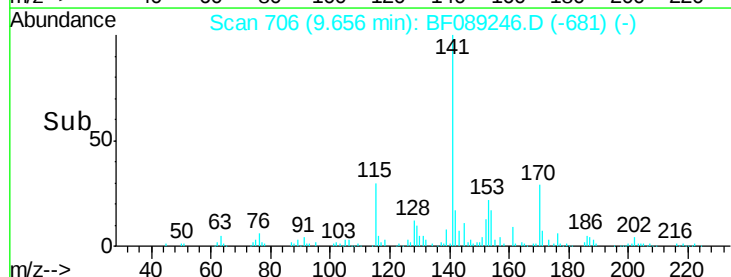
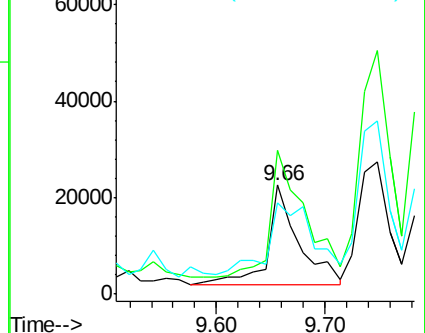
152 83.9 42.8 64.2#

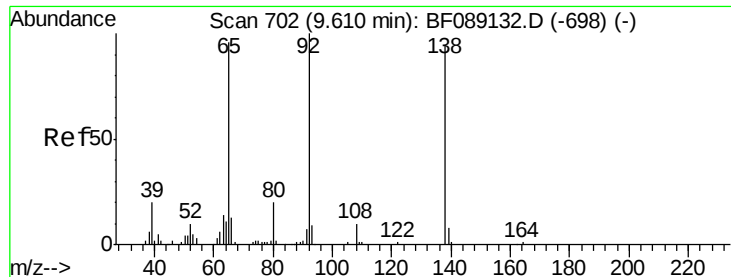


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 2.33 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

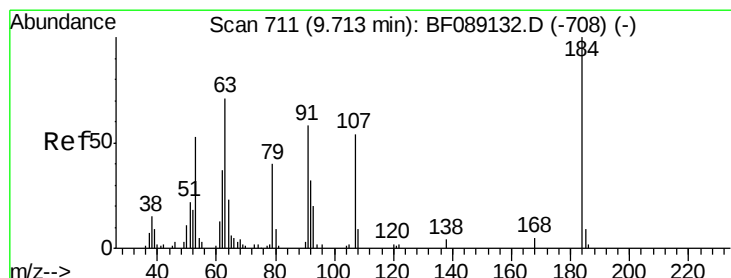
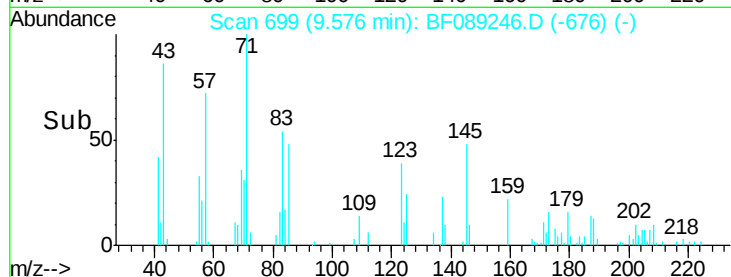
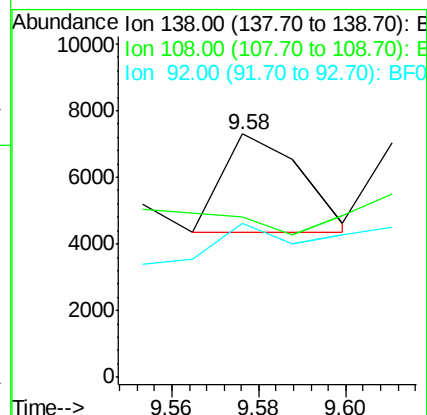
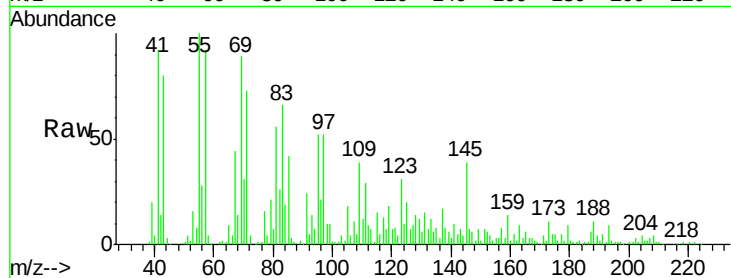
Tgt Ion:138 Resp: 3721

Ion Ratio Lower Upper

138 100

108 65.8 8.8 13.2#

92 63.0 85.3 127.9#



#53

2,4-Dinitrophenol

Concen: 9.54 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

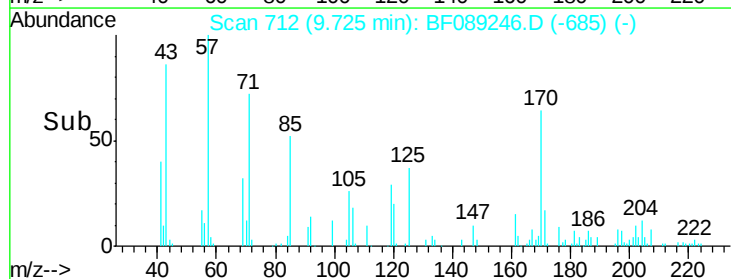
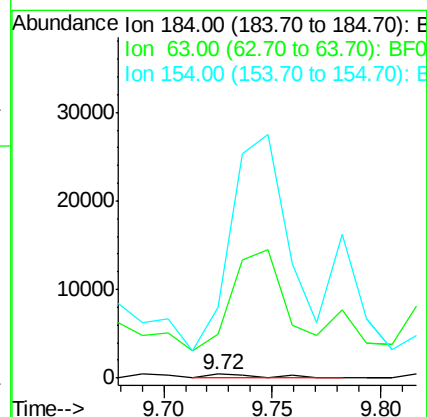
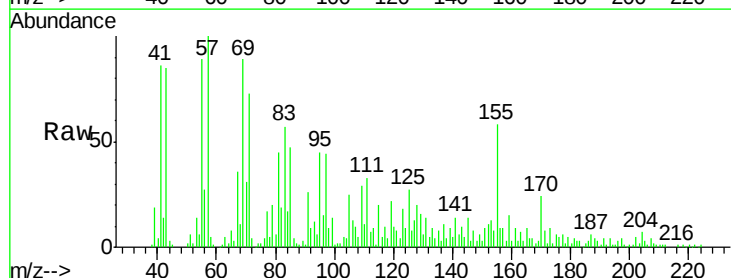
Tgt Ion:184 Resp: 775

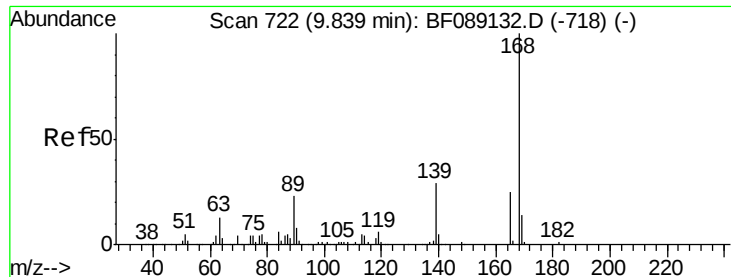
Ion Ratio Lower Upper

184 100

63 1192.1 60.3 90.5#

154 1926.0 60.7 91.1#

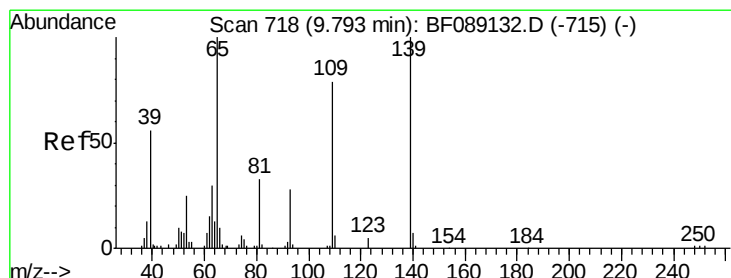
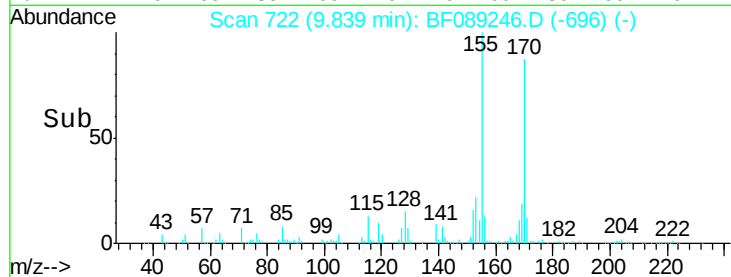
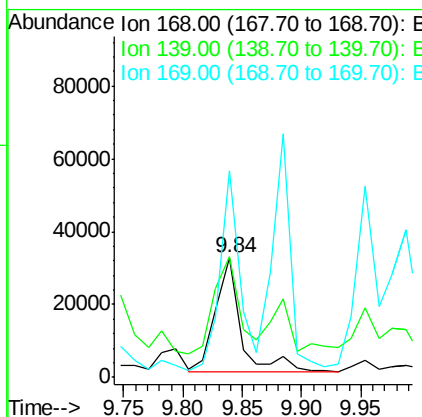
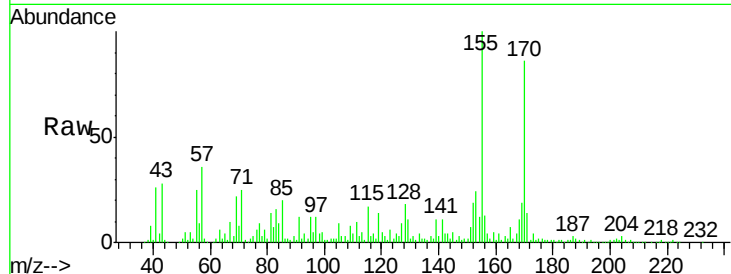




#54
 Dibenzofuran
 Concen: 6.83 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

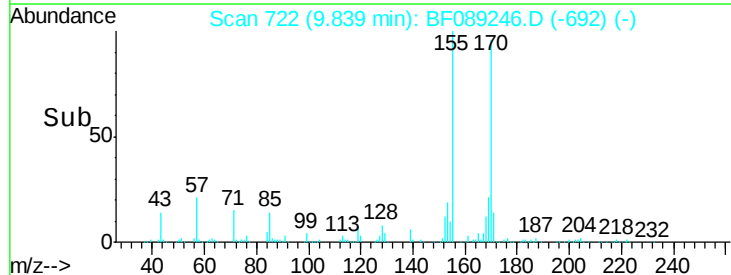
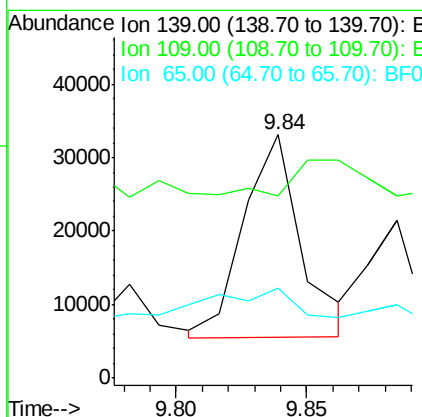
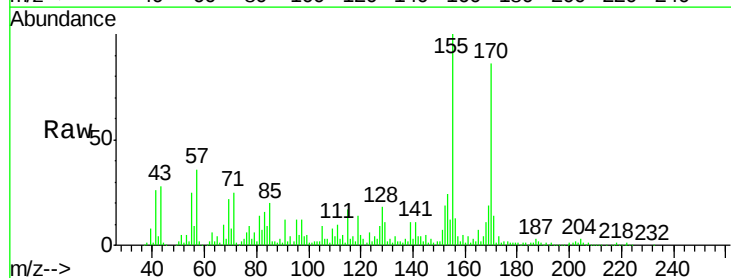
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

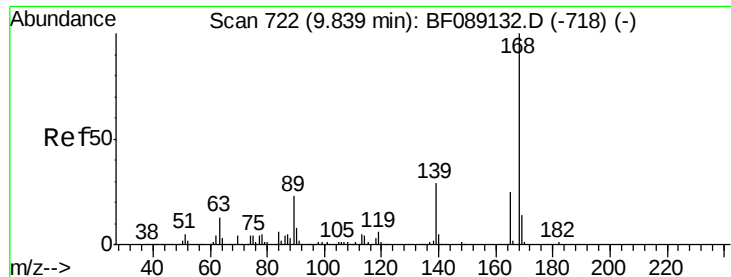
Tgt Ion:168 Resp: 45588
 Ion Ratio Lower Upper
 168 100
 139 100.4 34.4 51.6#
 169 171.6 10.8 16.2#



#55
 4-Nitrophenol
 Concen: 43.88 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.05 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion:139 Resp: 42363
 Ion Ratio Lower Upper
 139 100
 109 74.9 58.7 98.7
 65 36.8 80.2 120.2#

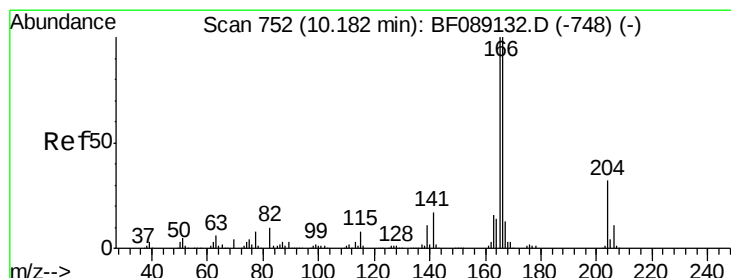
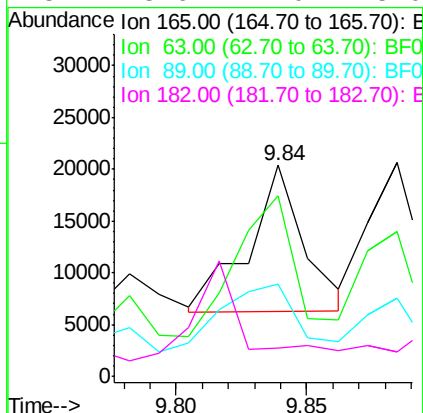
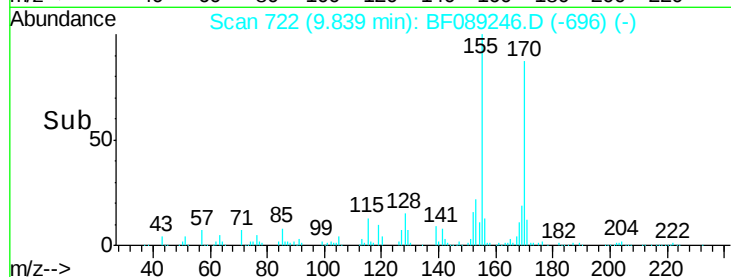
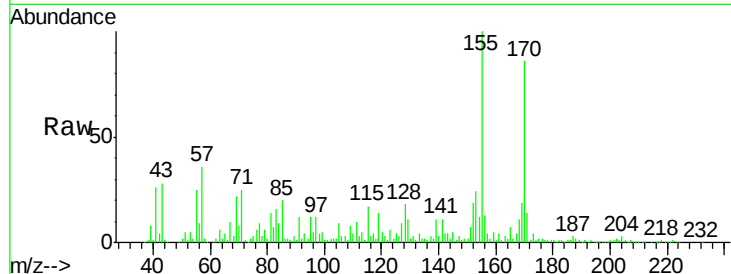




#56
2,4-Dinitrotoluene
Concen: 12.05 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

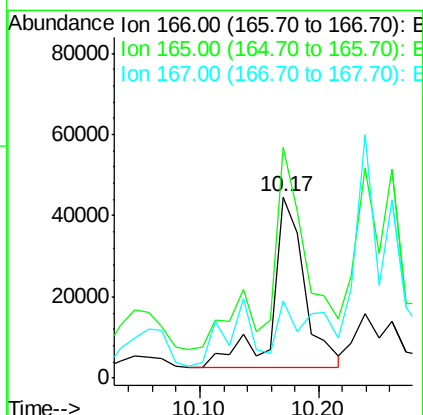
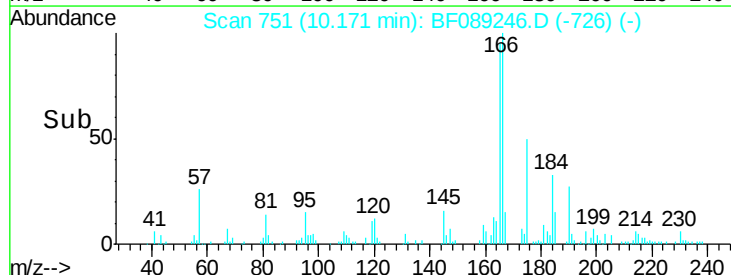
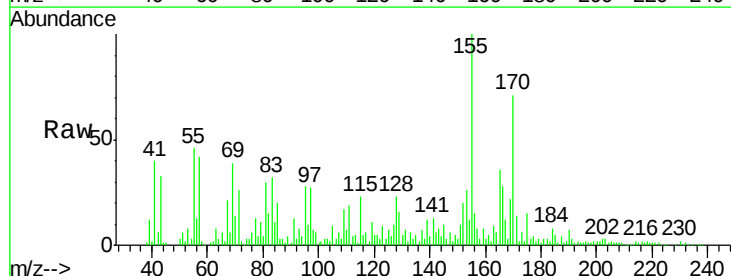
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

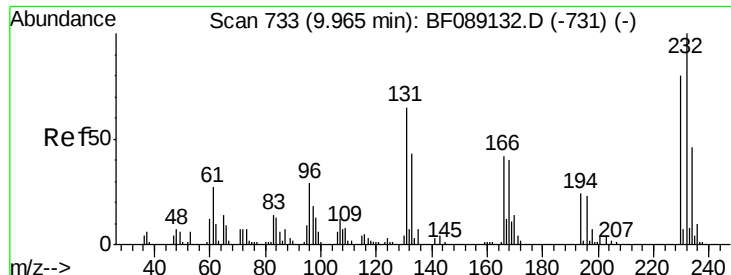
Tgt Ion:165 Resp: 20863
Ion Ratio Lower Upper
165 100
63 85.6 55.4 83.2#
89 43.6 74.3 111.5#
182 13.6 2.0 3.0#



#57
Fluorene
Concen: 13.83 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:166 Resp: 78326
Ion Ratio Lower Upper
166 100
165 127.1 79.9 119.9#
167 42.3 10.7 16.1#

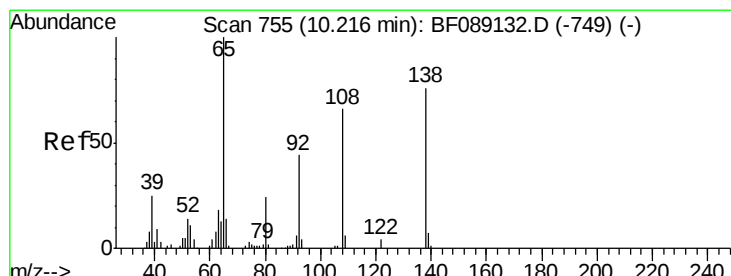
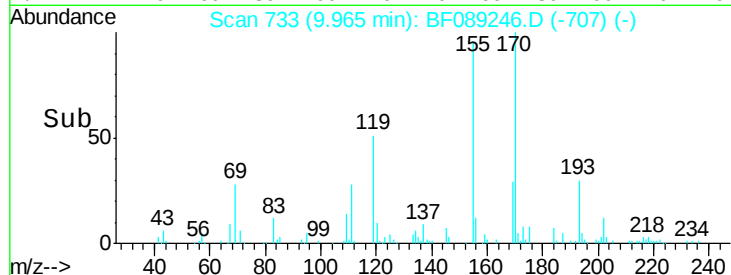
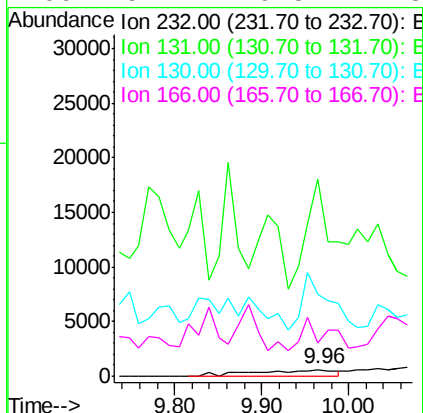
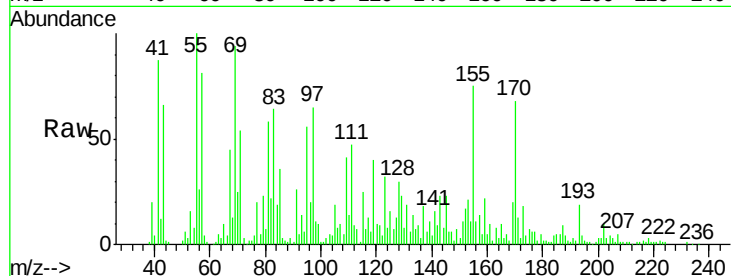




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.12 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

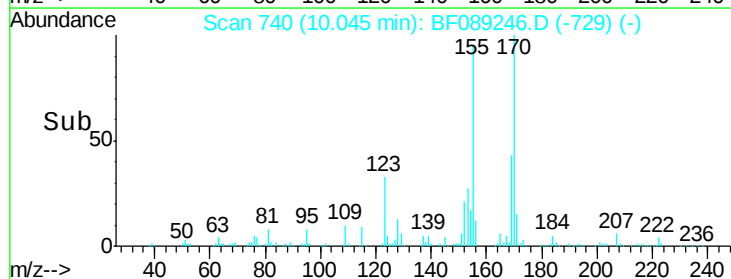
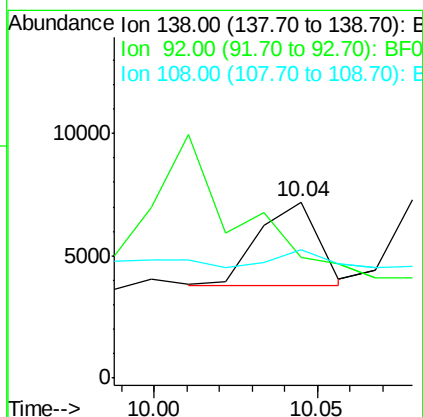
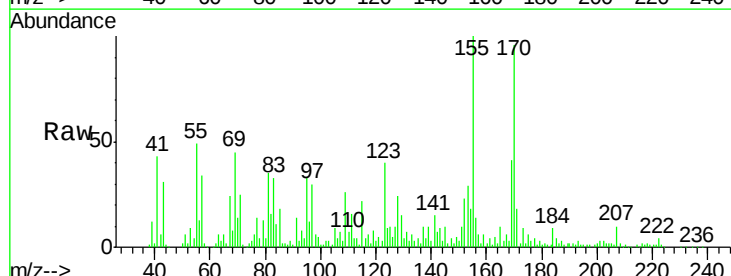
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

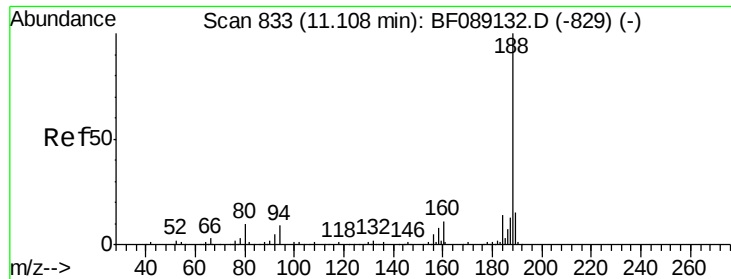
Tgt Ion:232 Resp: 3625
 Ion Ratio Lower Upper
 232 100
 131 579.5 46.2 69.2#
 130 295.7 2.3 3.5#
 166 157.7 29.5 44.3#



#61
 4-Nitroaniline
 Concen: 2.78 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.17 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion:138 Resp: 4324
 Ion Ratio Lower Upper
 138 100
 92 68.6 37.2 77.2
 108 72.7 66.1 106.1

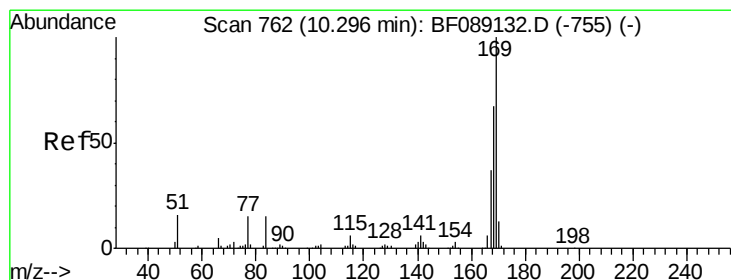
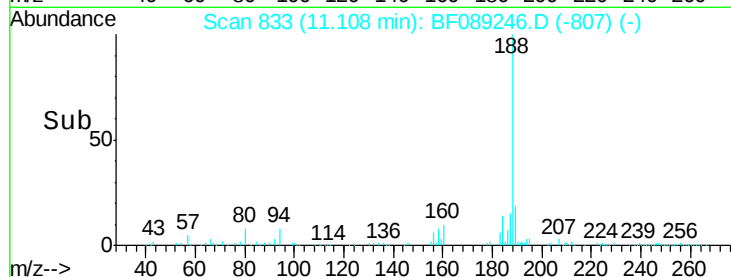
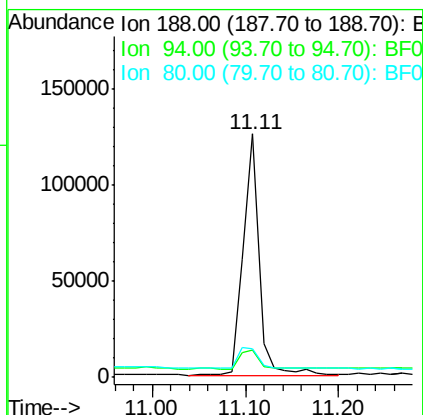
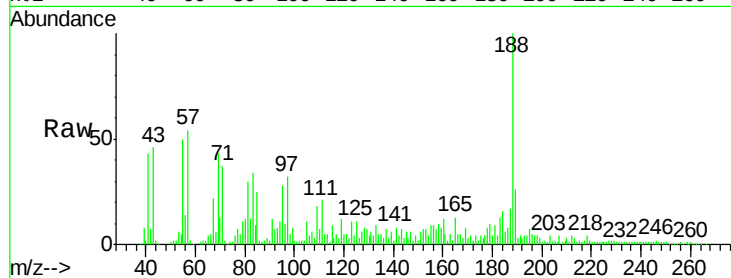




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

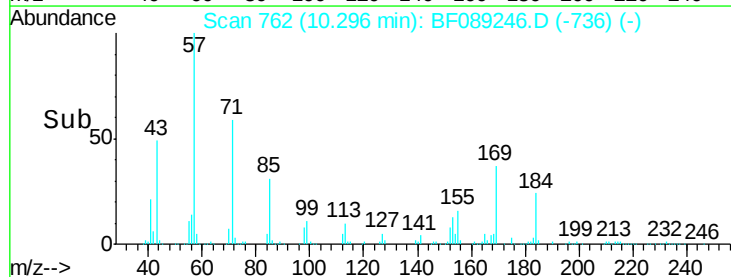
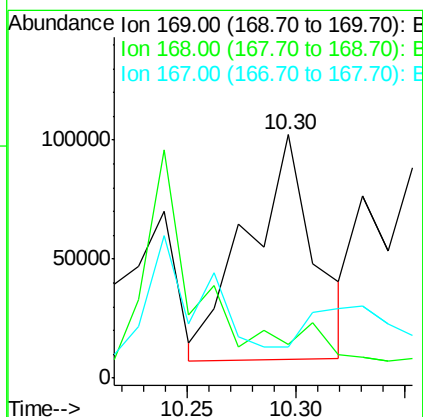
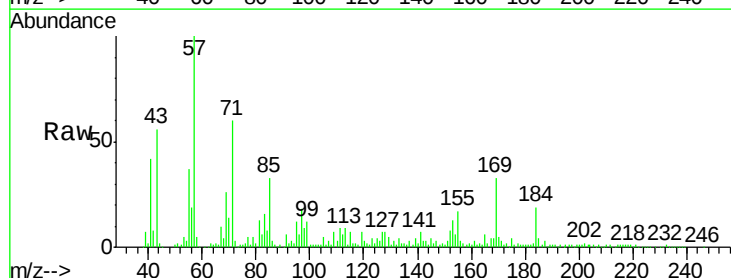
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

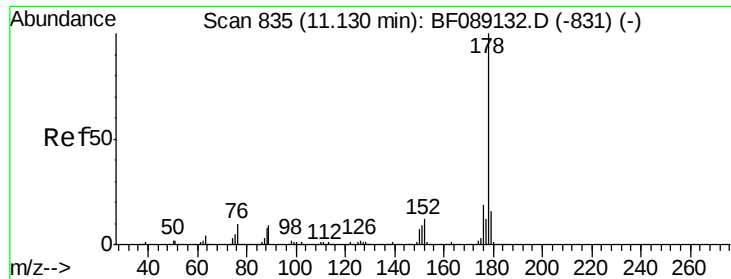
Tgt Ion:188 Resp: 149647
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.4#
80 11.7 7.7 11.5#



#65
n-Nitrosodiphenylamine
Concen: 40.24 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:169 Resp: 201248
Ion Ratio Lower Upper
169 100
168 13.7 53.4 80.0#
167 12.8 29.5 44.3#





#70

Phenanthrene

Concen: 24.46 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

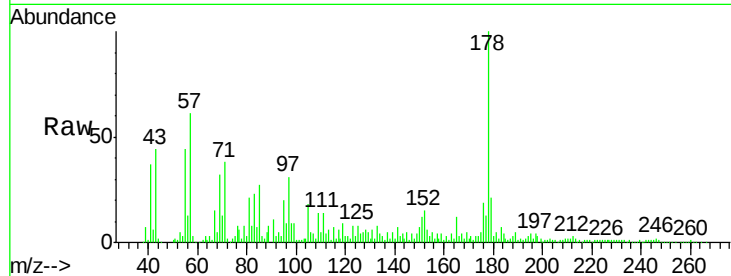
Tgt Ion:178 Resp: 200825

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

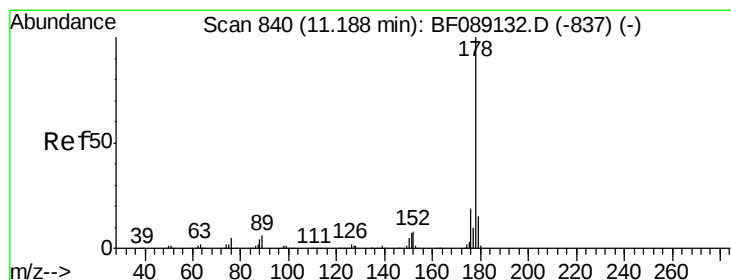
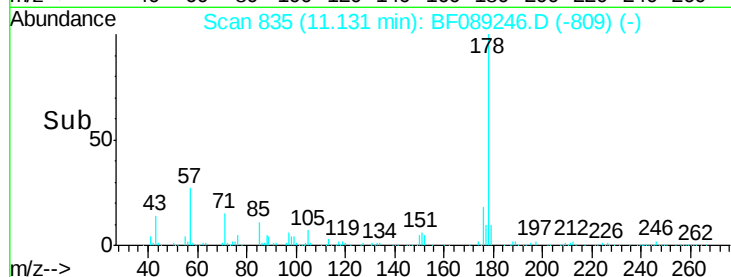
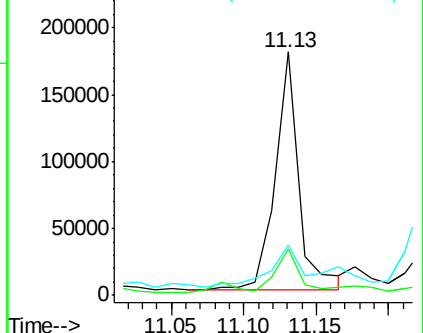
179 20.8 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.03 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.03 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

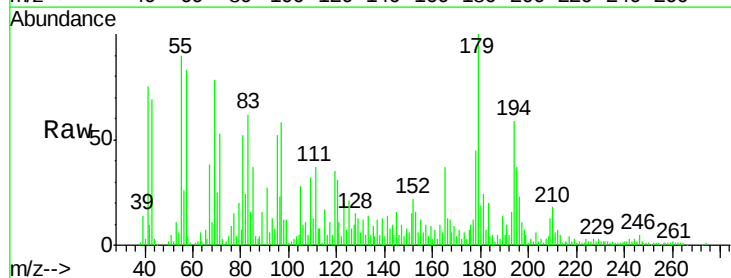
Tgt Ion:178 Resp: 25883

Ion Ratio Lower Upper

178 100

176 23.1 14.9 22.3#

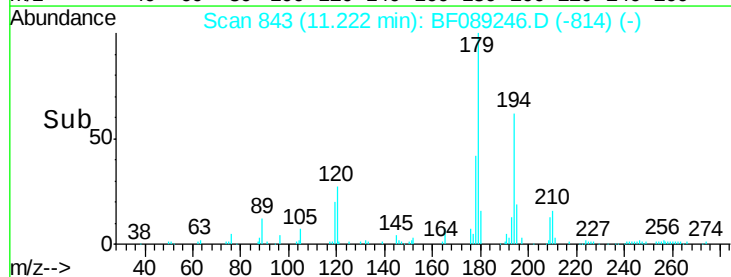
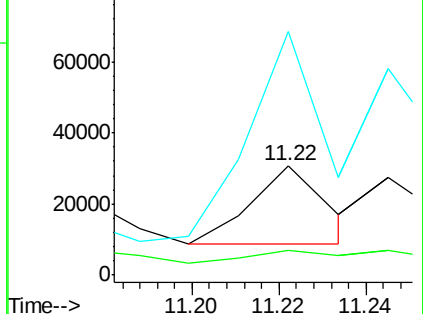
179 222.7 12.0 18.0#

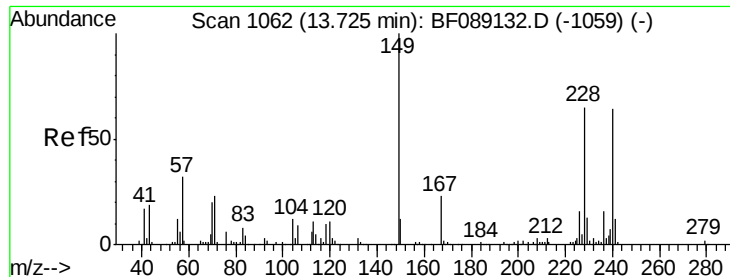


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

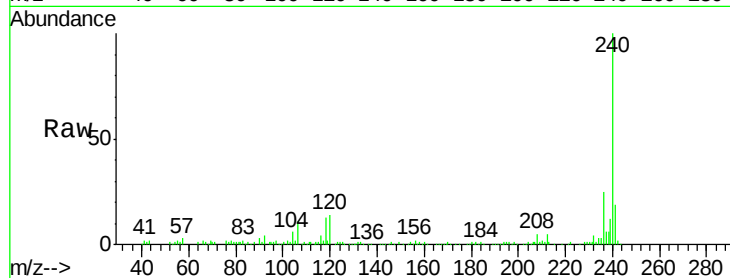
Tgt Ion:240 Resp: 122639

Ion Ratio Lower Upper

240 100

120 14.4 13.6 20.4

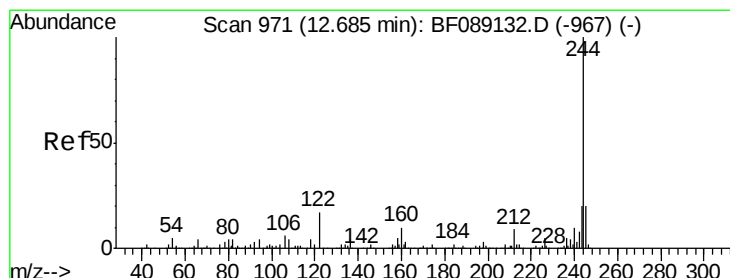
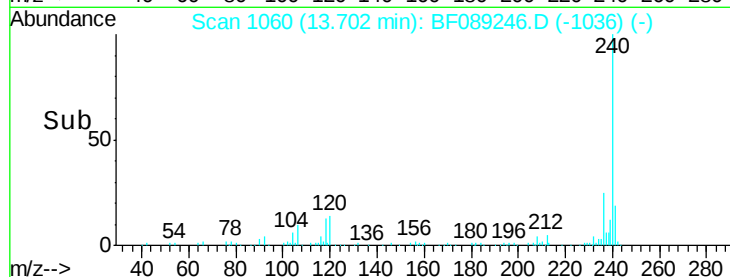
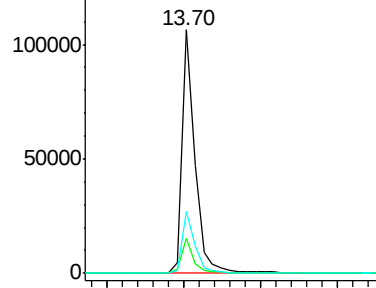
236 25.4 20.5 30.7



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



#78

Terphenyl-d14

Concen: 85.65 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

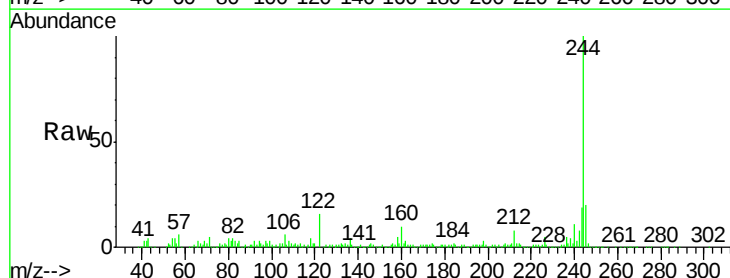
Tgt Ion:244 Resp: 484288

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

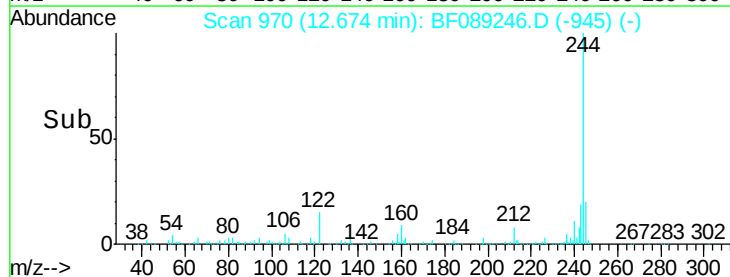
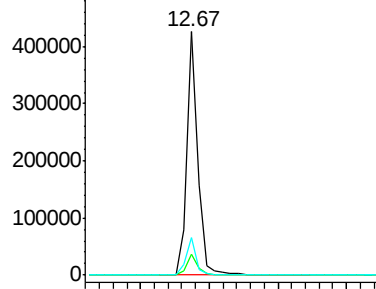
122 15.6 13.8 20.8

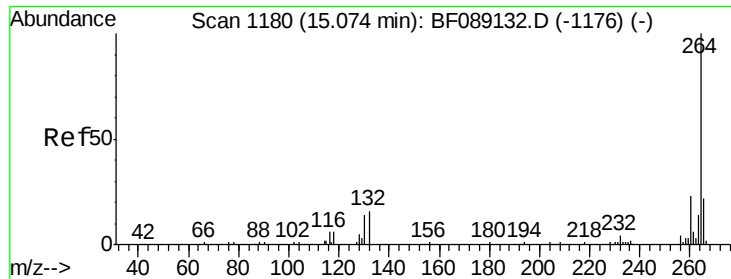


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

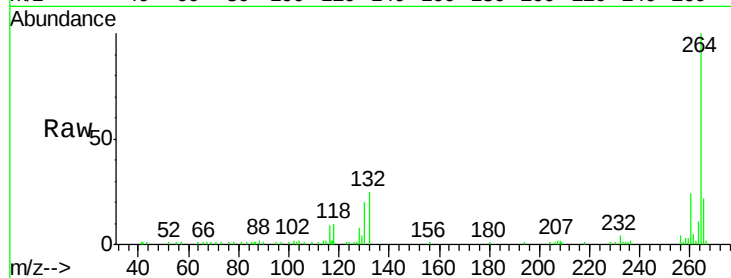




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Tgt Ion: 264 Resp: 91374
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.9 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

