

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089274.D
 Acq On : 25 Jul 2016 12:43
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 25 17:16:45 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	6.57	152	55911	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	197212	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	92455	20.00	ng	0.01
63) Phenanthrene-d10	11.08	188	169564	20.00	ng	0.01
75) Chrysene-d12	13.68	240	122295	20.00	ng	-0.01
86) Perylene-d12	15.02	264	100159	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	446507	121.46	ng	0.00
7) Phenol-d6	6.23	99	654161	137.99	ng	0.00
23) Nitrobenzene-d5	7.14	82	413812	111.49	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	87296	104.87	ng	0.01
44) 2-Fluorobiphenyl	8.95	172	623117	92.86	ng	0.01
78) Terphenyl-d14	12.65	244	480828	85.28	ng	0.00

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.72	79	12289	3.54	ng	# 51
18) Hexachloroethane	7.14	117	138205	81.04	ng	# 15
19) n-Nitroso-di-n-propylamine	6.99	70	19253	6.21	ng	# 78
24) Nitrobenzene	7.12	77	46846	11.97	ng	# 25
25) Isophorone	7.38	82	46776	6.84	ng	# 1
28) bis(2-Chloroethoxy)methane	7.61	93	11537	2.70	ng	# 1
31) Naphthalene	7.85	128	36696	3.45	ng	# 1
32) Benzoic acid	7.66	122	5236	2.21	ng	# 19
33) 4-Chloroaniline	7.91	127	17225	3.85	ng	# 1
35) Caprolactam	8.32	113	92646	107.61	ng	# 50
36) 4-Chloro-3-methylphenol	8.39	107	13622	4.08	ng	# 35
37) 2-Methylnaphthalene	8.67	142	562990	82.94	ng	# 91
42) 2,4,6-Trichlorophenol	8.87	196	4095	2.13	ng	# 11
47) 2-Nitroaniline	9.16	65	6061	2.79	ng	# 14
48) Acenaphthylene	9.48	152	24695	2.48	ng	# 1
49) Dimethylphthalate	9.35	163	94475	13.32	ng	# 89
50) 2,6-Dinitrotoluene	9.39	165	9123	5.70	ng	# 6
51) Acenaphthene	9.64	154	45836	7.79	ng	# 87
52) 3-Nitroaniline	9.56	138	6796	3.57	ng	# 42
53) 2,4-Dinitrophenol	9.71	184	892	9.51	ng	# 1
54) Dibenzofuran	9.82	168	40556	5.10	ng	# 6
55) 4-Nitrophenol	9.82	139	48138	41.83	ng	# 58
56) 2,4-Dinitrotoluene	9.83	165	21855	10.59	ng	# 66
57) Fluorene	10.16	166	89044	13.19	ng	# 81
58) 2,3,4,6-Tetrachlorophenol	9.95	232	3498	2.52	ng	# 1
62) Azobenzene	10.32	77	15616	2.04	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.26	198	3048	3.09	ng	# 1
65) n-Nitrosodiphenylamine	10.27	169	195819	34.55	ng	# 52
66) 4-Bromophenyl-phenylether	10.40	248	7682	4.58	ng	# 1
69) Pentachlorophenol	10.92	266	1804	2.17	ng	# 31
70) Phenanthrene	11.11	178	222623	23.93	ng	# 93
71) Anthracene	11.20	178	27614	2.86	ng	# 1

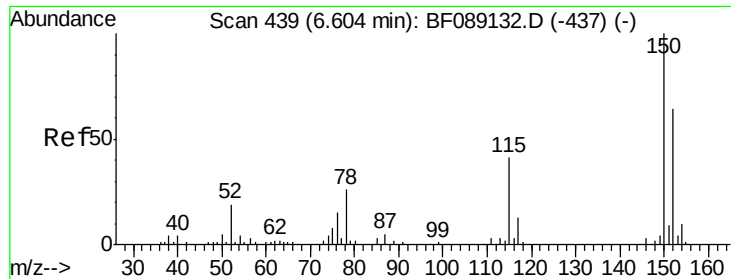
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089274.D
Acq On : 25 Jul 2016 12:43
Operator : UM/SJ
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QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

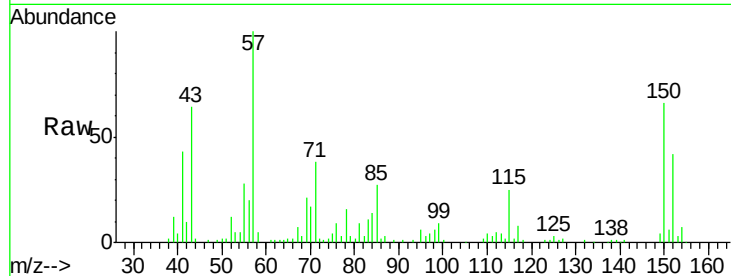


#1

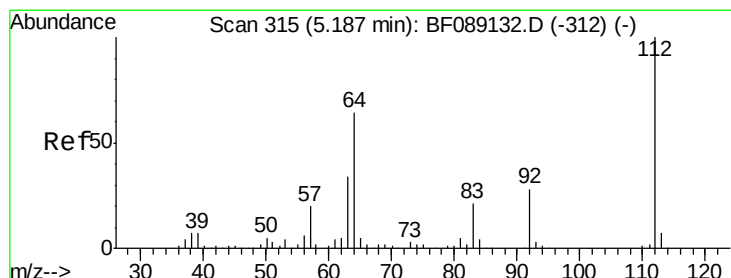
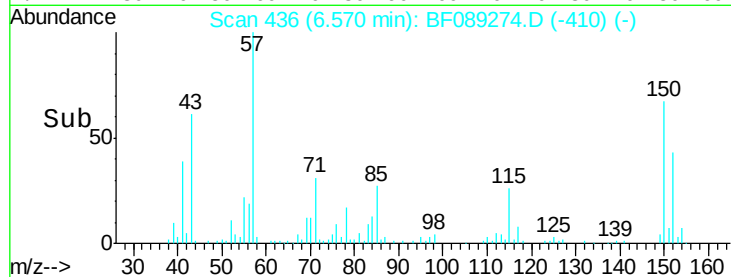
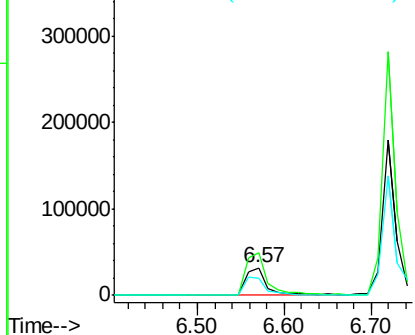
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

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

Tgt Ion:152 Resp: 55911
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 60.5 51.1 76.7



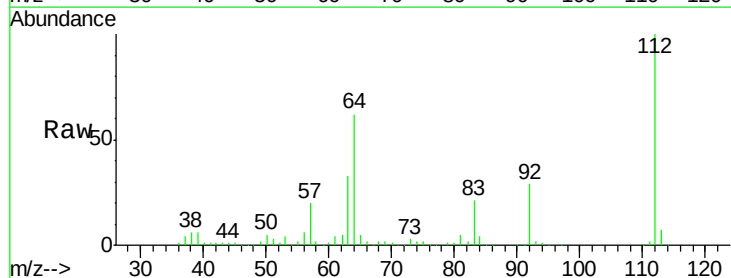
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



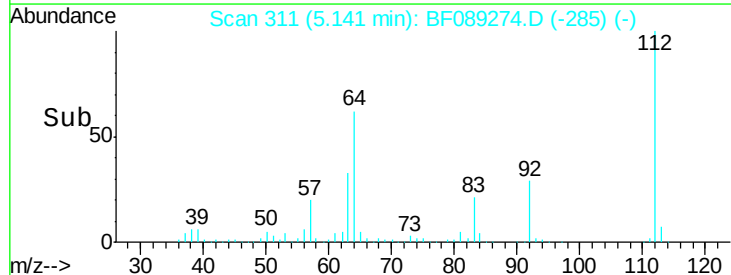
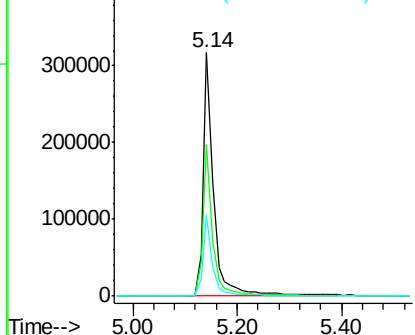
#5

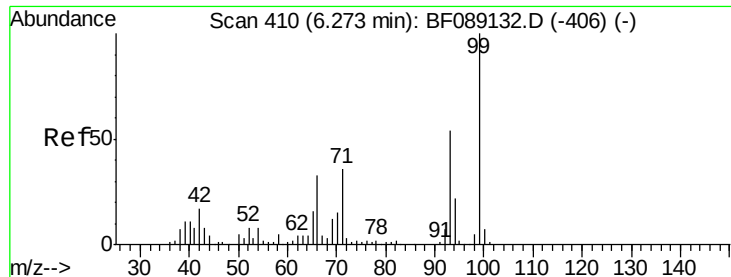
2-Fluorophenol
Concen: 121.46 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion:112 Resp: 446507
Ion Ratio Lower Upper
112 100
64 62.0 51.0 76.4
63 33.2 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: 137.99 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

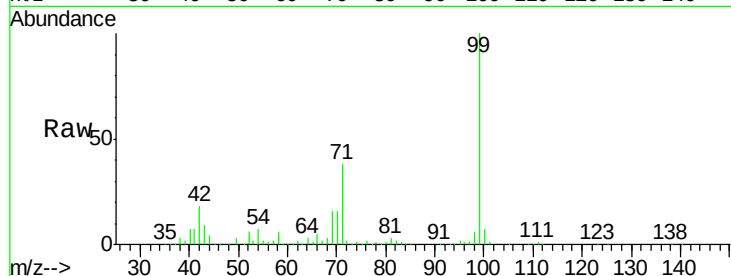
Tgt Ion: 99 Resp: 654161

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

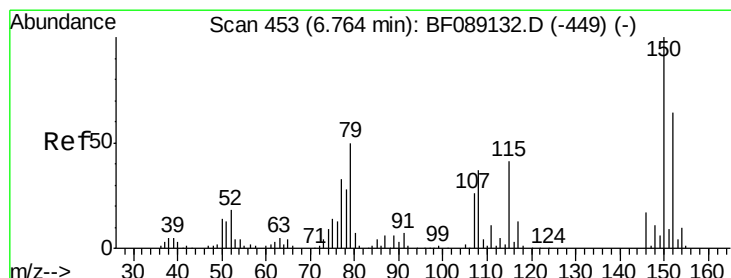
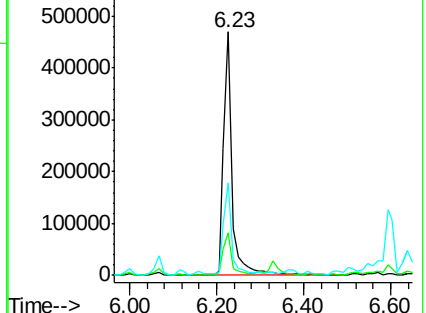
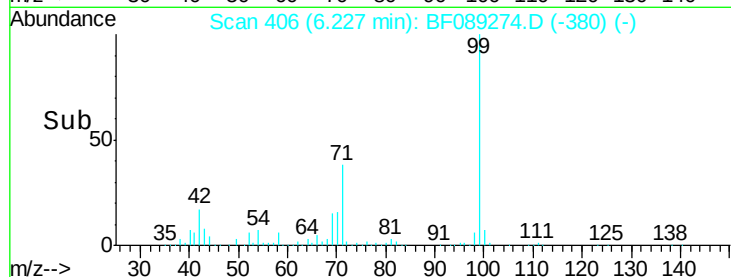
71 37.9 28.9 43.3



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: 3.54 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

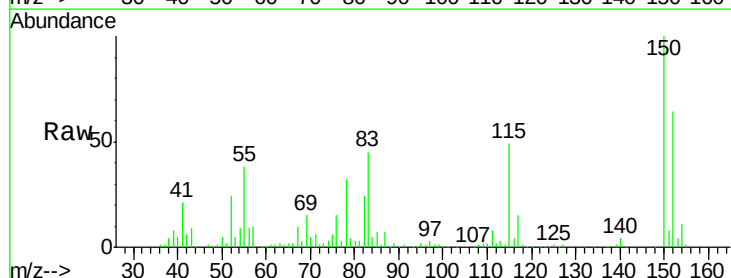
Tgt Ion: 79 Resp: 12289

Ion Ratio Lower Upper

79 100

108 18.5 58.2 87.4#

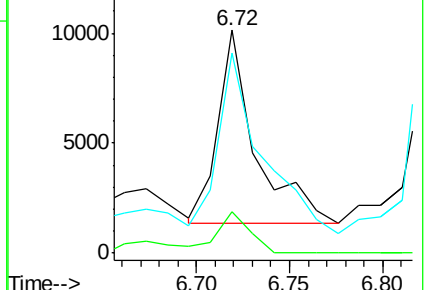
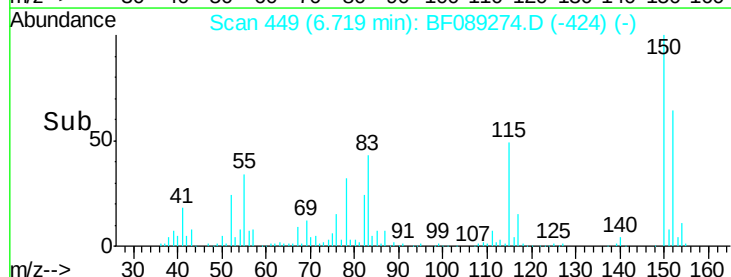
77 90.1 52.2 78.4#

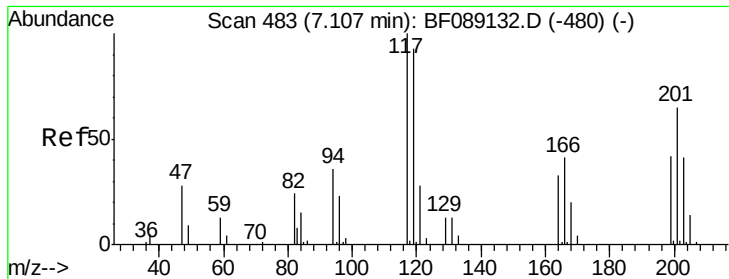


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 81.04 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.07 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

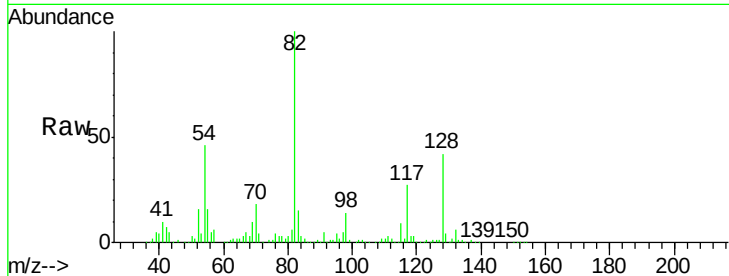
Tgt Ion: 117 Resp: 138205

Ion Ratio Lower Upper

117 100

119 10.2 74.5 111.7#

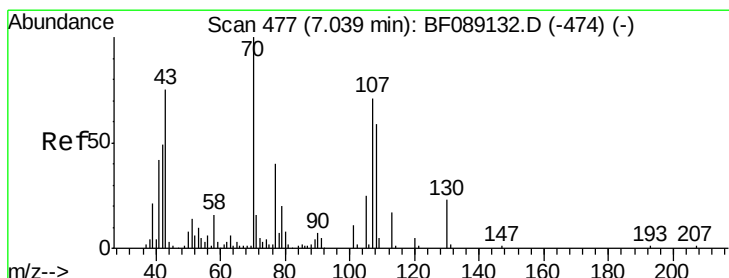
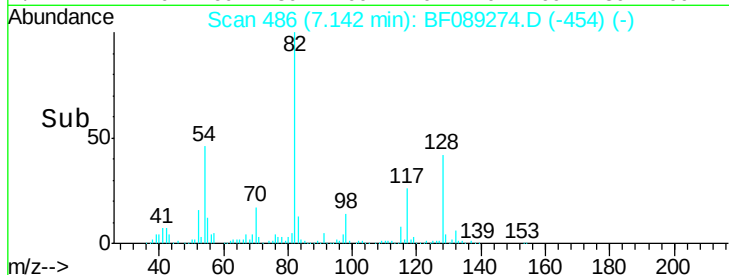
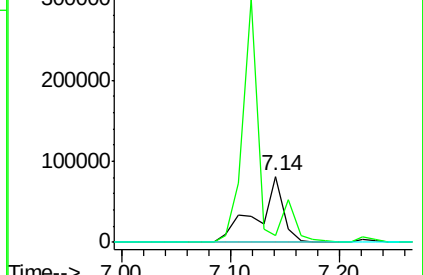
201 0.0 51.8 77.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 6.21 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Tgt Ion: 70 Resp: 19253

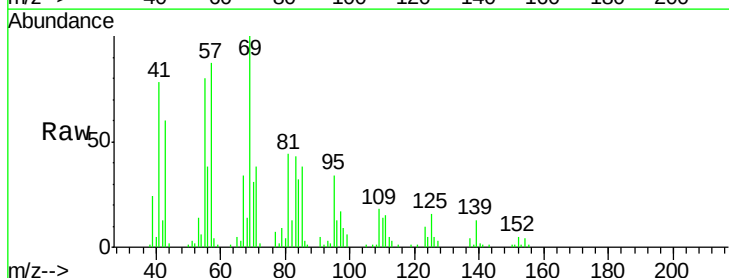
Ion Ratio Lower Upper

70 100

42 42.7 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

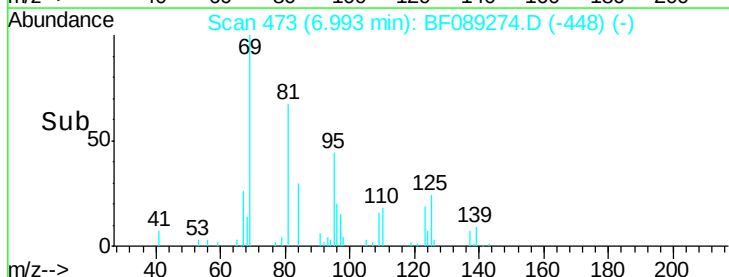
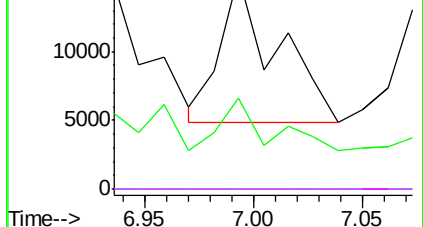


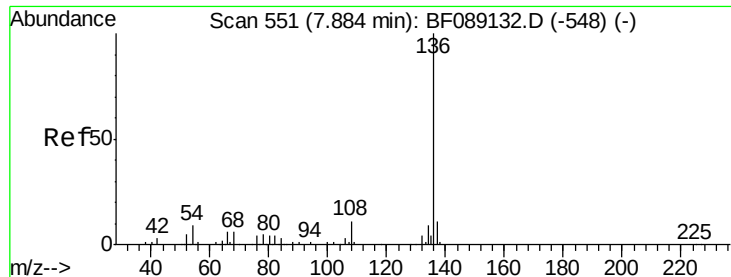
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

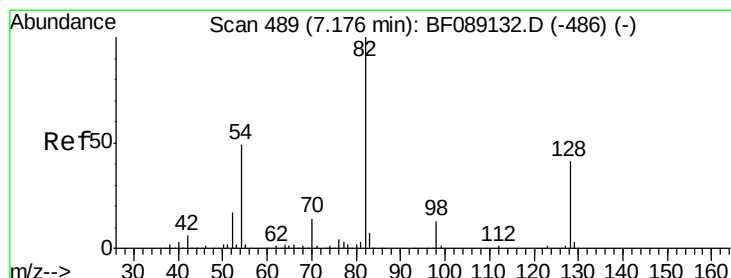
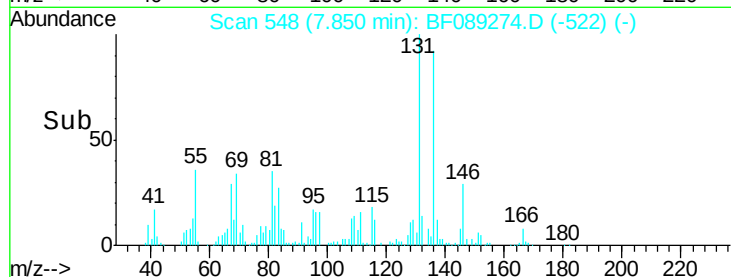
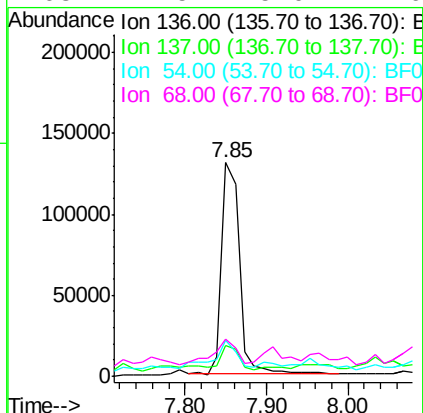
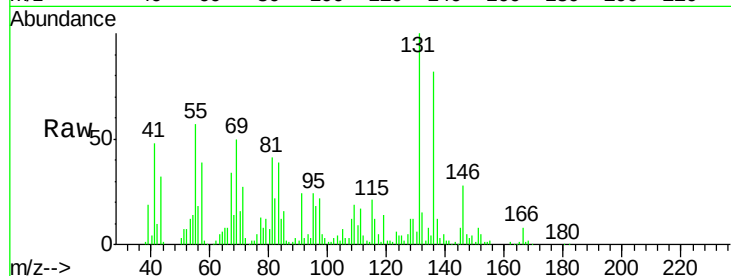




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

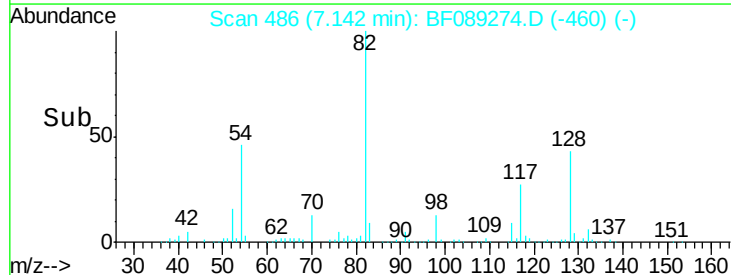
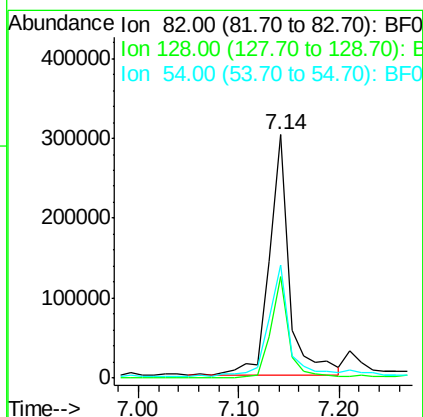
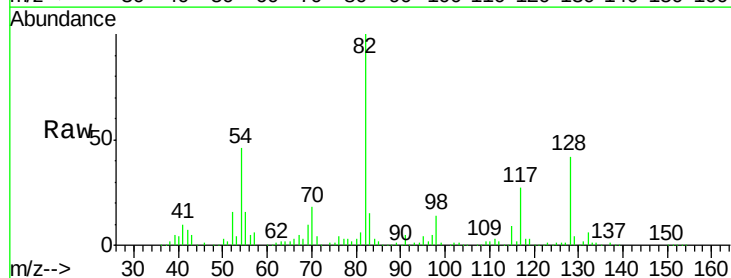
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

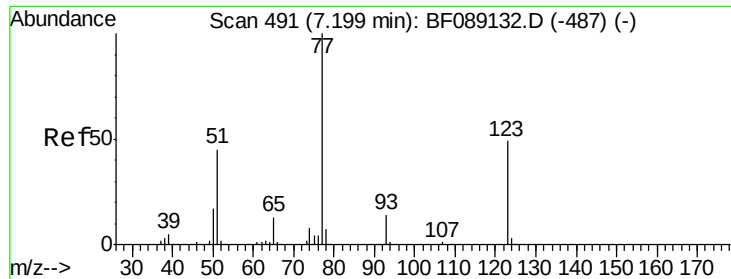
Tgt Ion:	136	Resp:	197212
Ion	Ratio	Lower	Upper
136	100		
137	14.4	8.8	13.2#
54	17.1	7.0	10.4#
68	17.5	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 111.49 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion:	82	Resp:	413812
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.0	49.6
54	46.3	39.0	58.4





#24

Nitrobenzene

Concen: 11.97 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

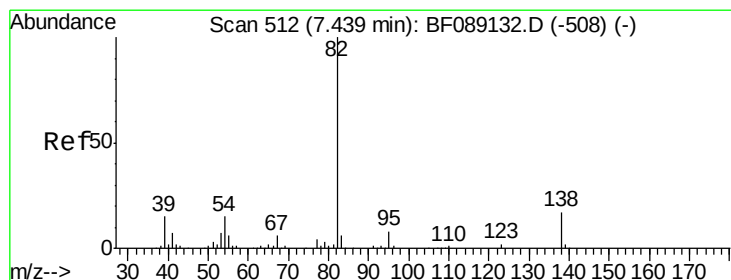
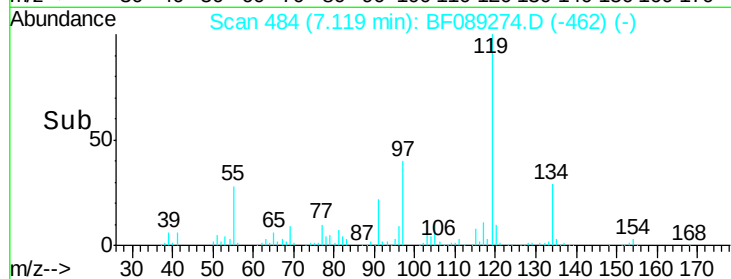
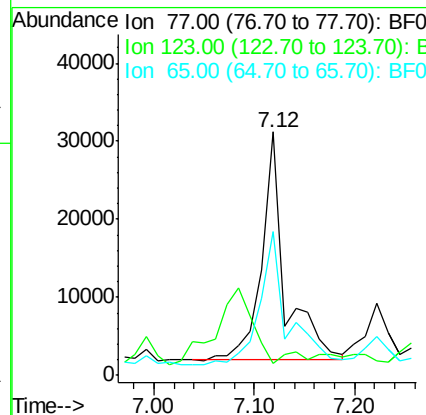
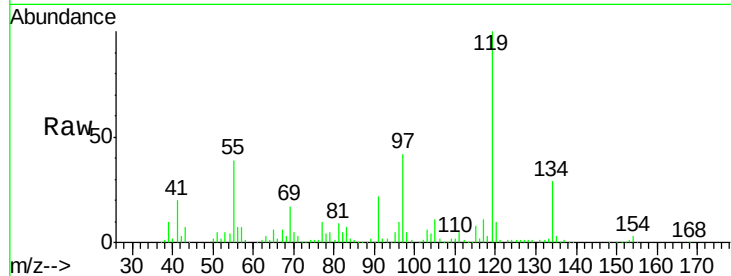
Tgt Ion: 77 Resp: 46846

Ion Ratio Lower Upper

77 100

123 5.1 38.9 58.3#

65 59.3 10.6 15.8#



#25

Isophorone

Concen: 6.84 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

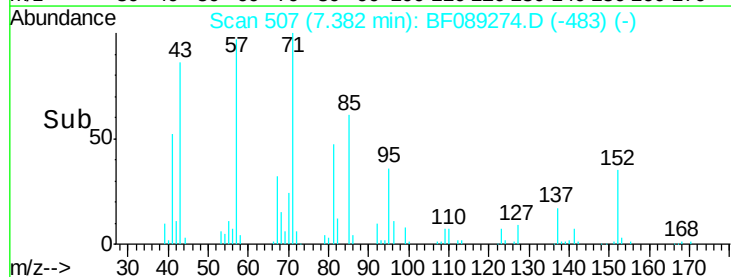
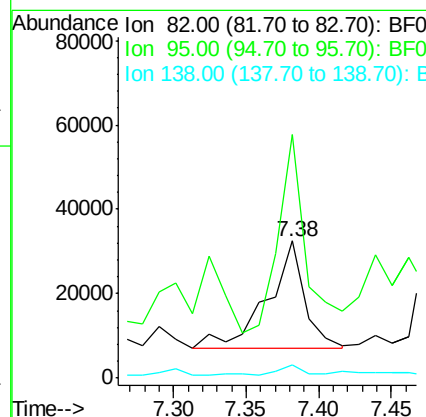
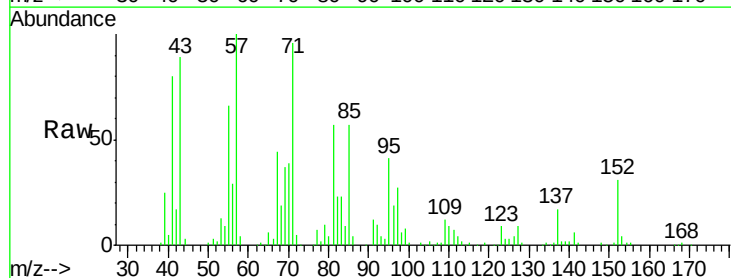
Tgt Ion: 82 Resp: 46776

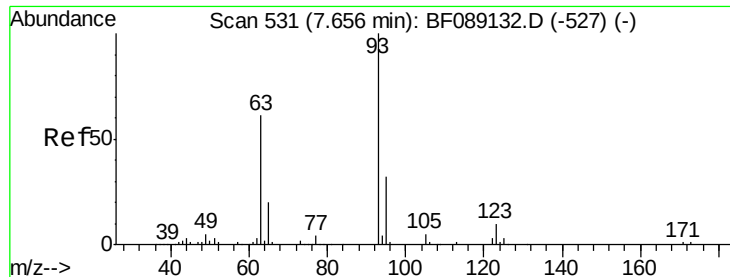
Ion Ratio Lower Upper

82 100

95 177.4 6.1 9.1#

138 9.5 13.6 20.4#

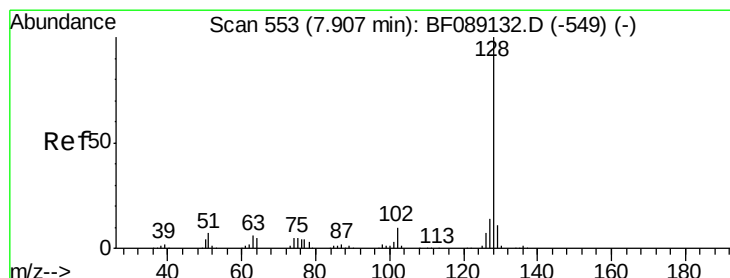
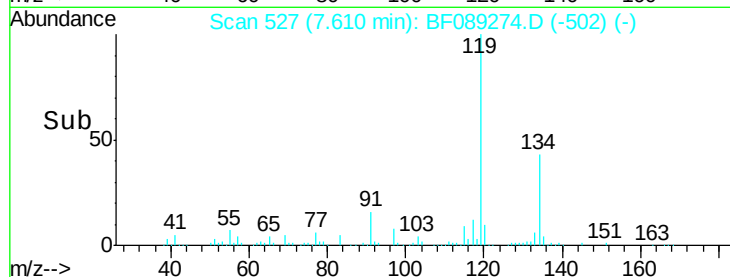
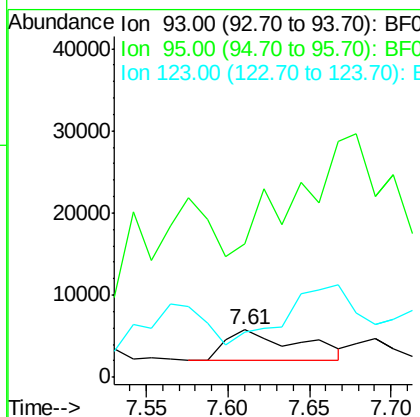
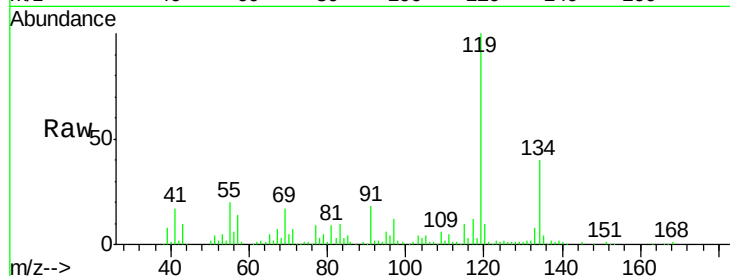




#28
bis(2-Chloroethoxy)methane
Concen: 2.70 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

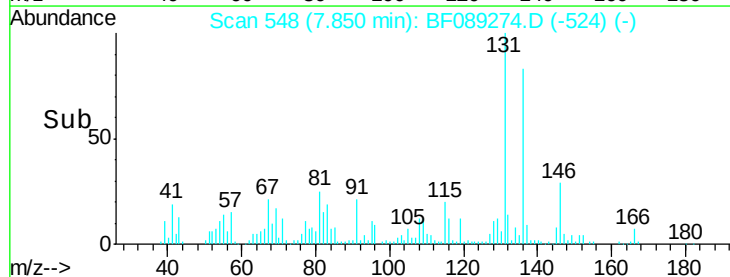
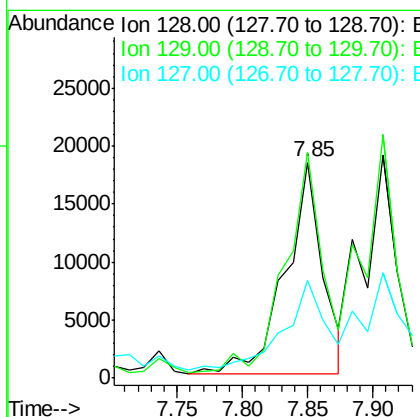
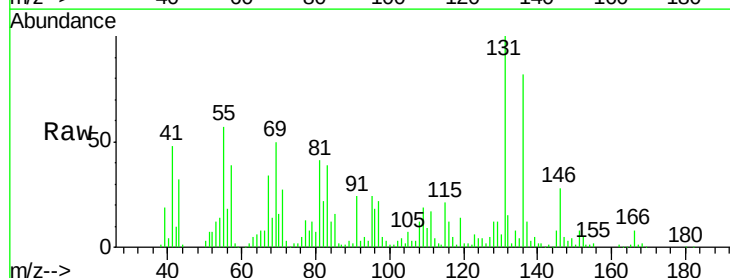
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

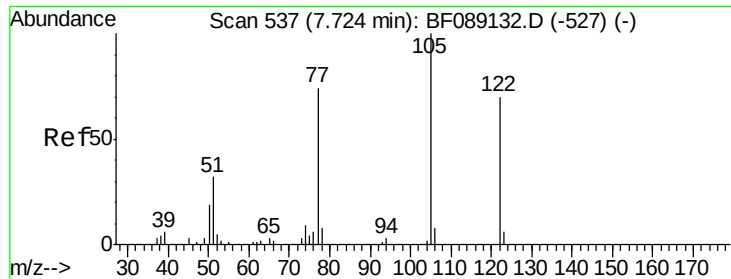
Tgt Ion: 93 Resp: 11537
Ion Ratio Lower Upper
93 100
95 284.3 25.4 38.0#
123 95.2 8.3 12.5#



#31
Naphthalene
Concen: 3.45 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion: 128 Resp: 36696
Ion Ratio Lower Upper
128 100
129 104.8 8.9 13.3#
127 45.2 10.8 16.2#





#32

Benzoic acid

Concen: 2.21 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

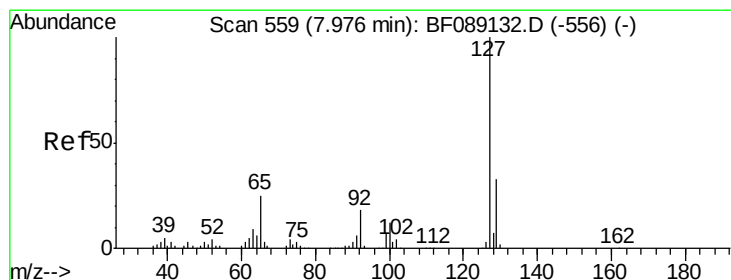
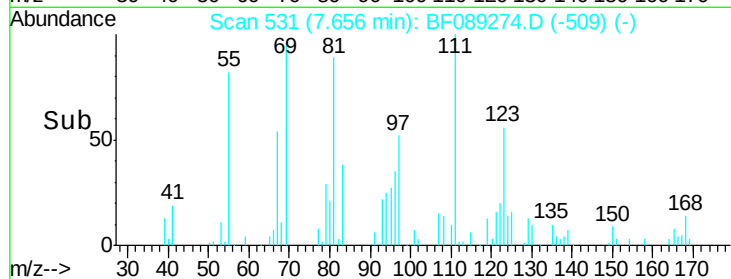
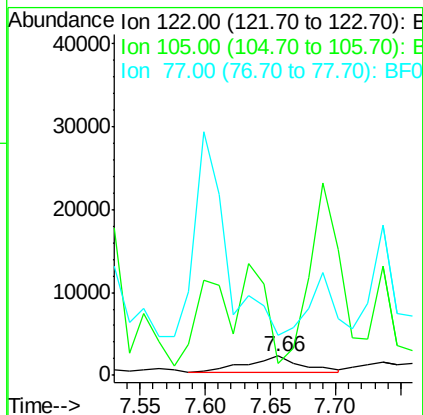
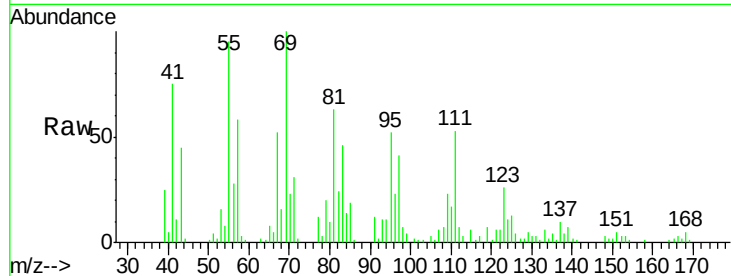
Tgt Ion:122 Resp: 5236

Ion Ratio Lower Upper

122 100

105 60.9 119.0 159.0#

77 210.0 84.7 124.7#



#33

4-Chloroaniline

Concen: 3.85 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.03 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Tgt Ion:127 Resp: 17225

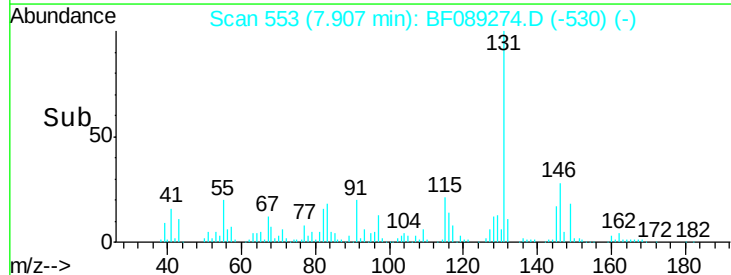
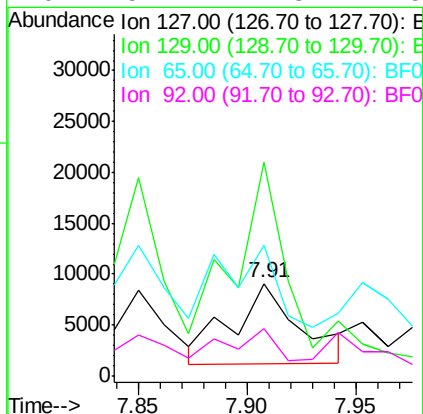
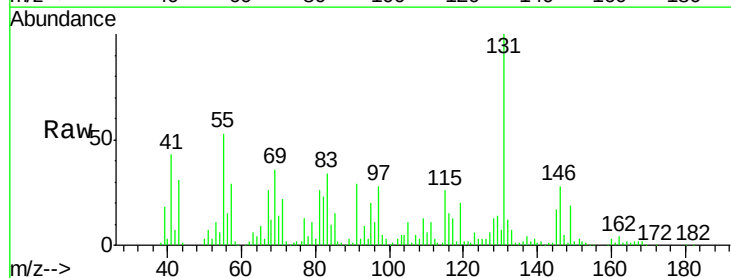
Ion Ratio Lower Upper

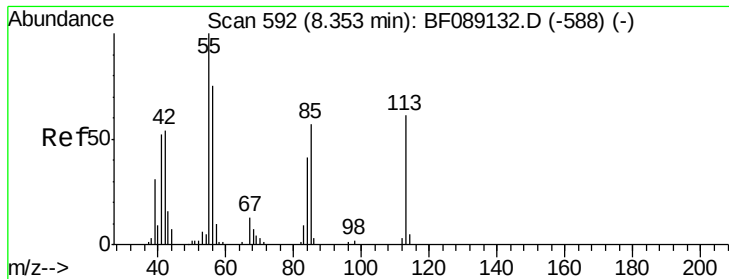
127 100

129 230.7 25.9 38.9#

65 140.4 19.7 29.5#

92 51.7 14.3 21.5#





#35

Caprolactam

Concen: 107.61 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

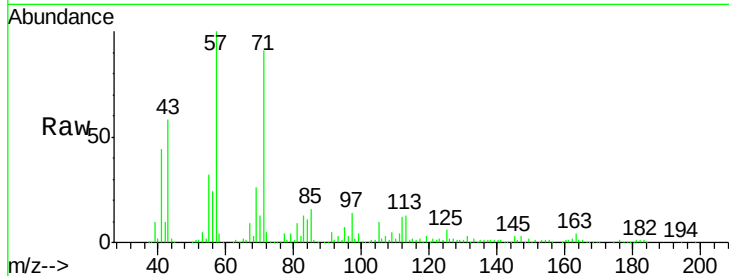
Tgt Ion:113 Resp: 92646

Ion Ratio Lower Upper

113 100

55 236.6 145.3 185.3#

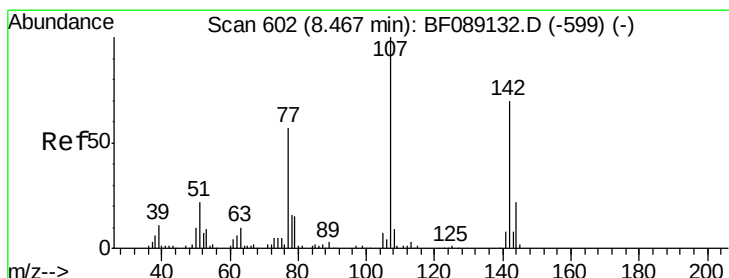
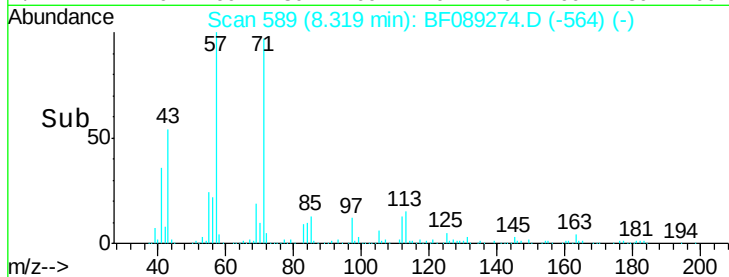
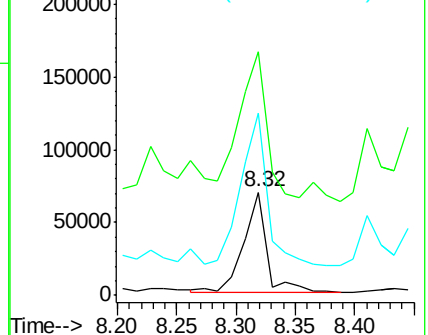
56 177.2 104.3 144.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.08 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

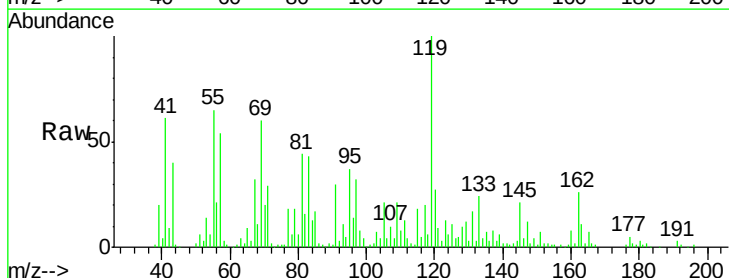
Tgt Ion:107 Resp: 13622

Ion Ratio Lower Upper

107 100

144 32.8 17.8 26.6#

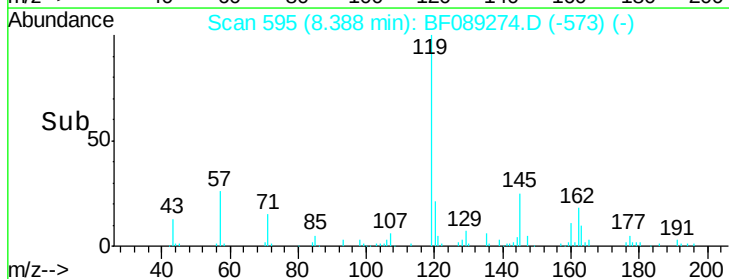
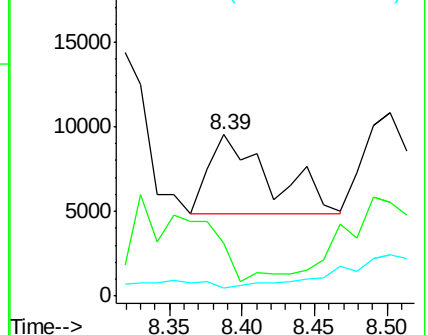
142 5.4 56.1 84.1#

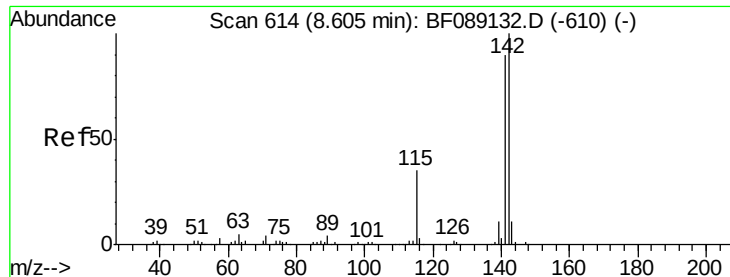


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

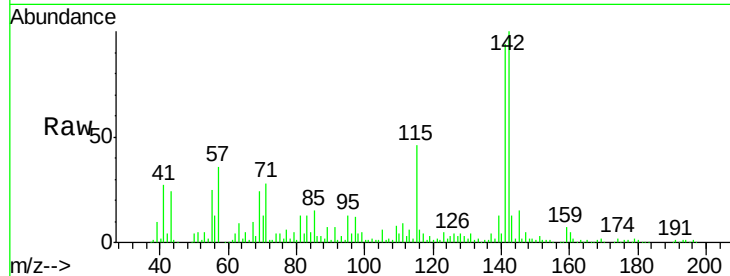




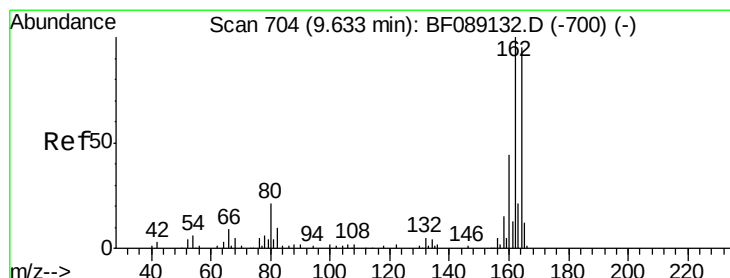
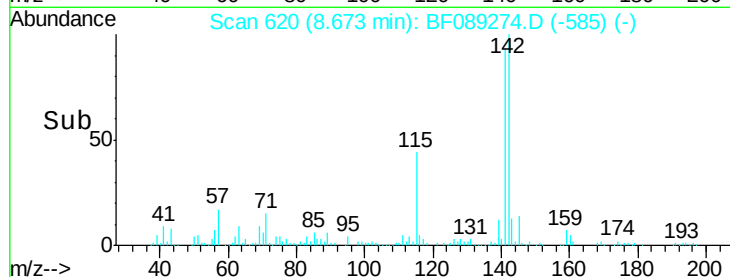
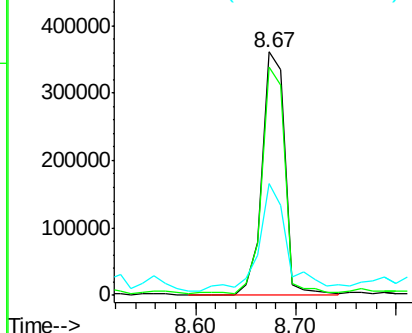
#37
 2-Methylnaphthalene
 Concen: 82.94 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.10 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

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

Tgt Ion:142 Resp: 562990
 Ion Ratio Lower Upper
 142 100
 141 93.7 71.6 107.4
 115 45.7 27.6 41.4#

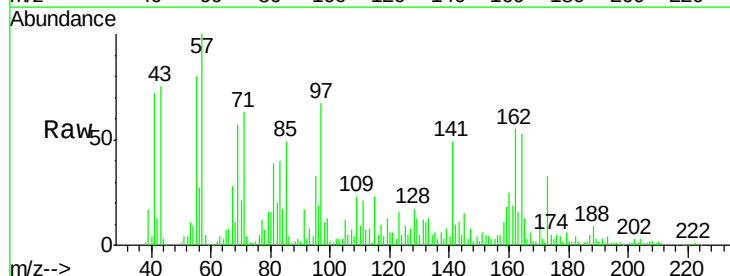


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

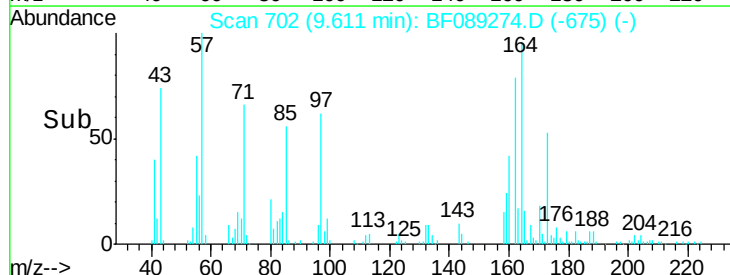
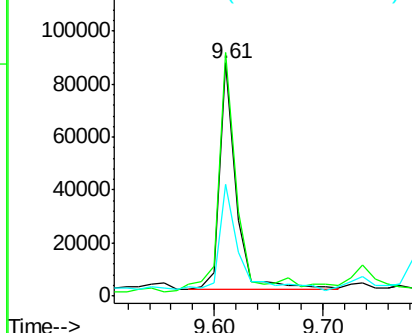


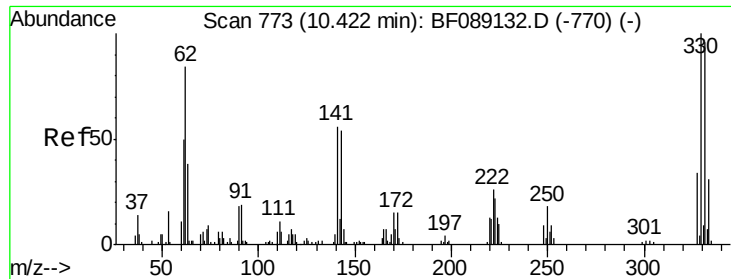
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Tgt Ion:164 Resp: 92455
 Ion Ratio Lower Upper
 164 100
 162 104.4 84.1 126.1
 160 48.0 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

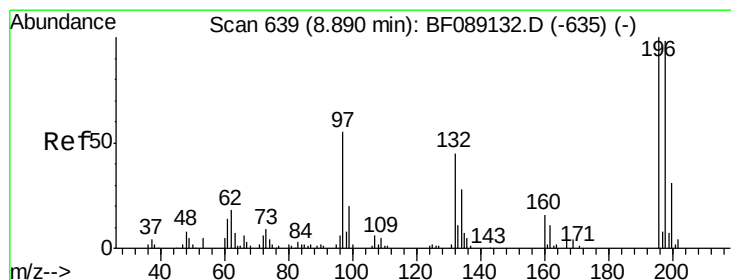
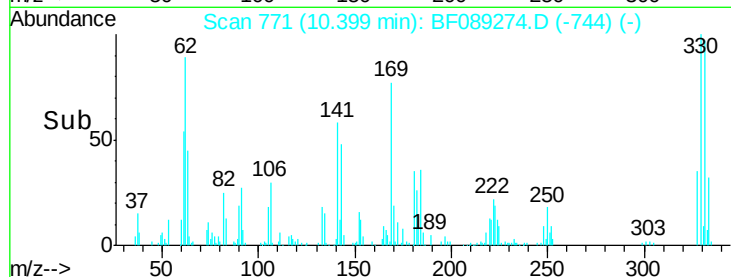
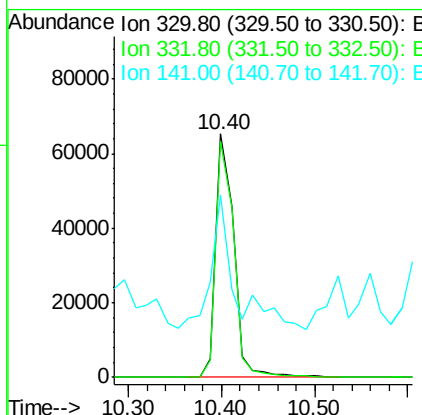
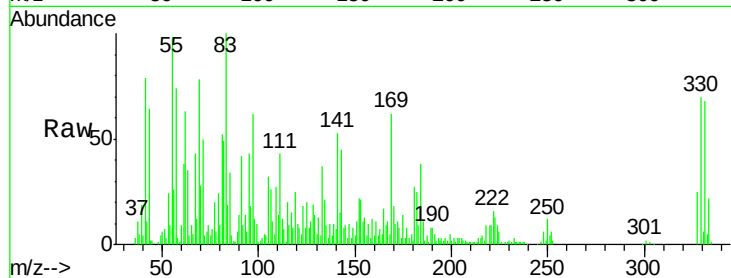




#41
 2,4,6-Tribromophenol
 Concen: 104.87 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

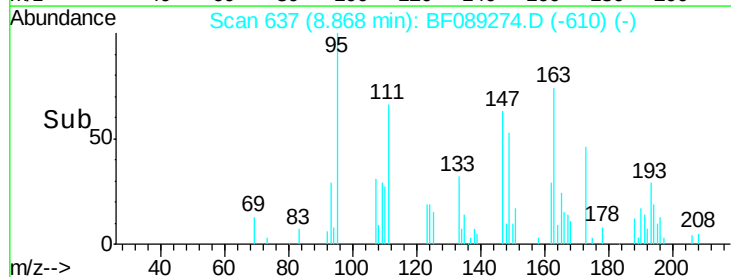
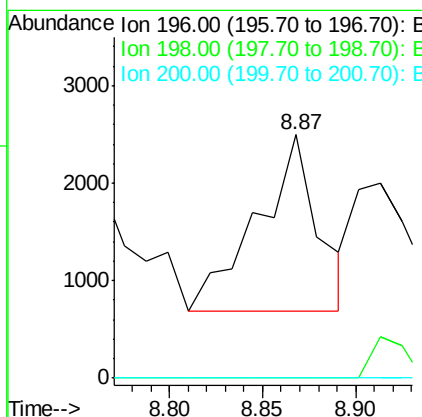
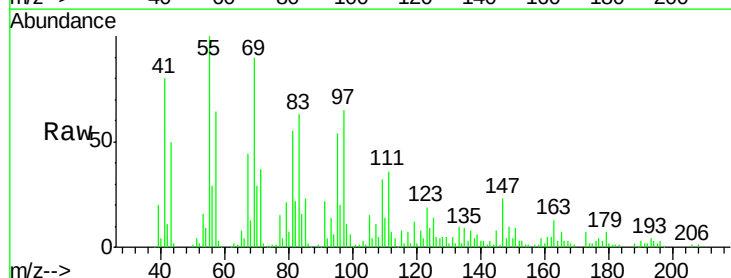
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

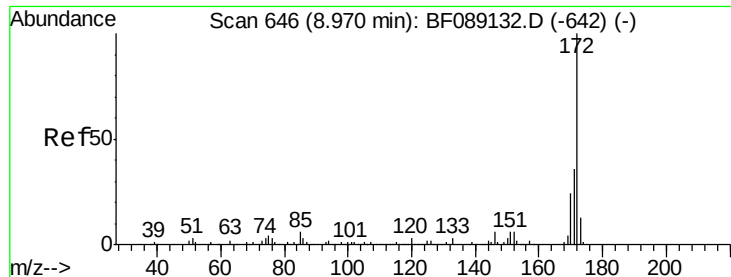
Tgt Ion:330 Resp: 87296
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 52.1 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 2.13 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Tgt Ion:196 Resp: 4095
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.3 117.5#
 200 0.0 25.0 37.4#





#44

2-Fluorobiphenyl

Concen: 92.86 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

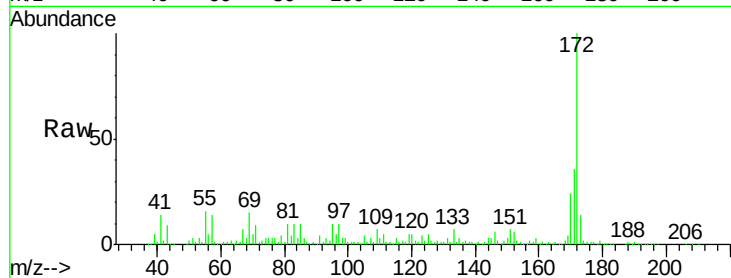
Tgt Ion: 172 Resp: 623117

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

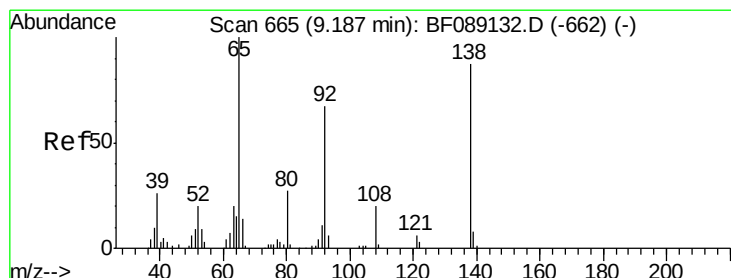
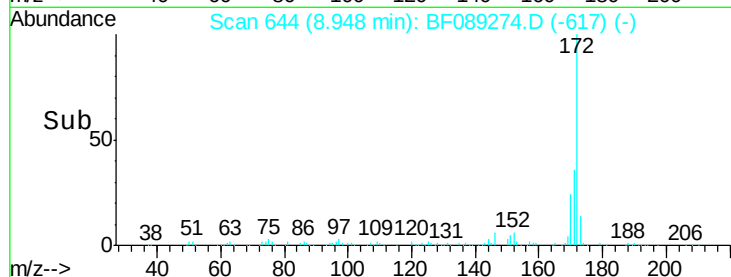
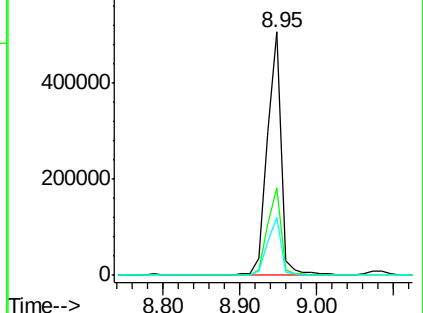
170 23.7 19.1 28.7



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



#47

2-Nitroaniline

Concen: 2.79 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

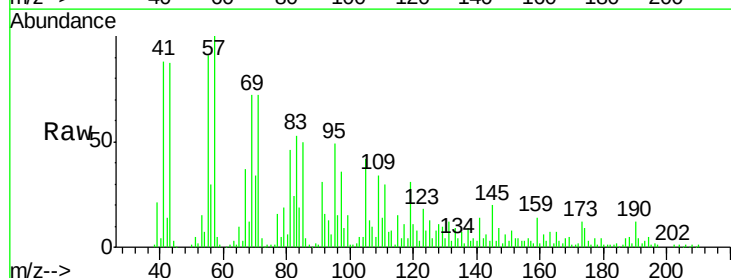
Tgt Ion: 65 Resp: 6061

Ion Ratio Lower Upper

65 100

92 163.9 53.2 79.8#

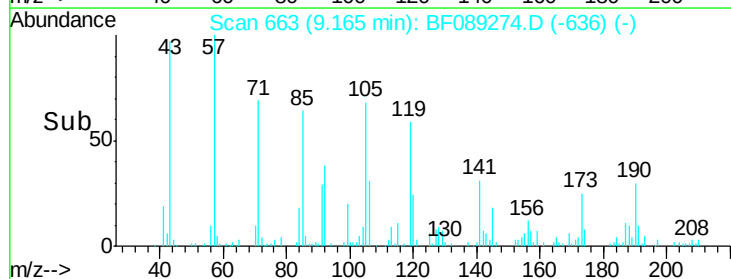
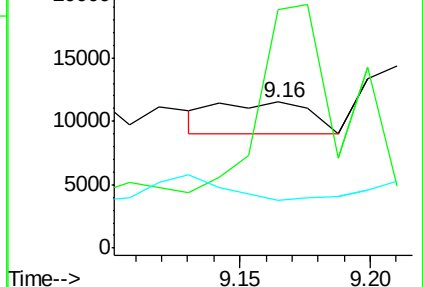
138 32.5 69.4 104.2#

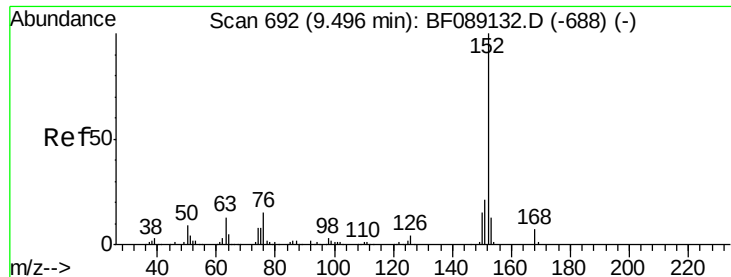


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.48 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.02 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

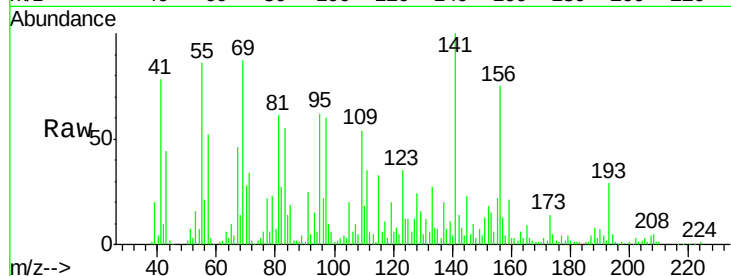
Tgt Ion:152 Resp: 24695

Ion Ratio Lower Upper

152 100

151 72.3 16.5 24.7#

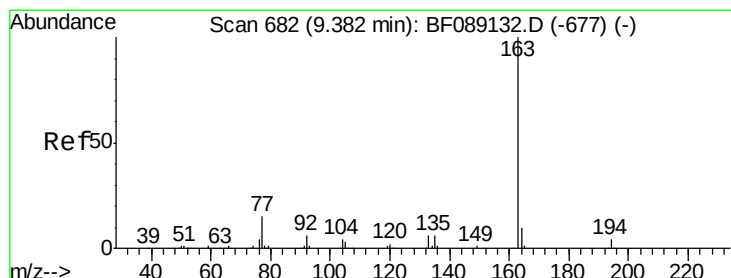
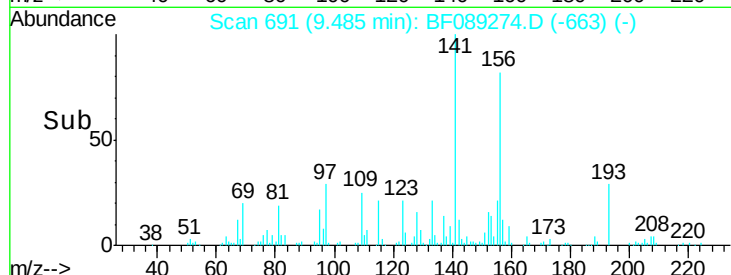
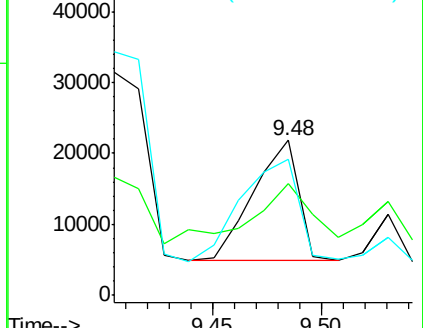
153 87.8 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 13.32 ng

RT: 9.35 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

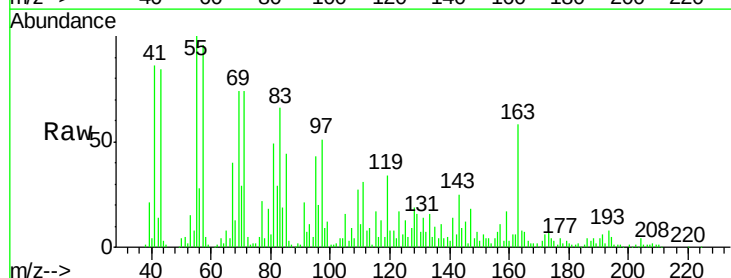
Tgt Ion:163 Resp: 94475

Ion Ratio Lower Upper

163 100

194 9.0 2.9 4.3#

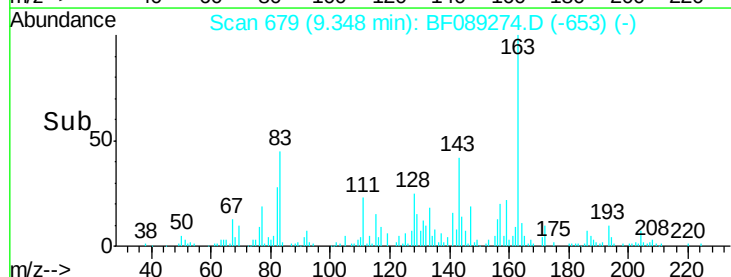
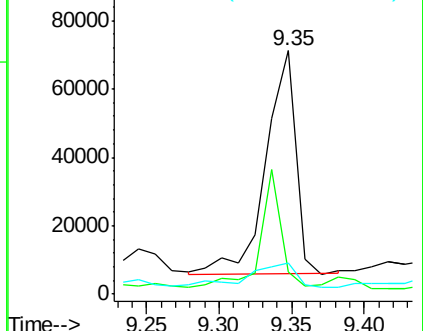
164 13.0 7.6 11.4#

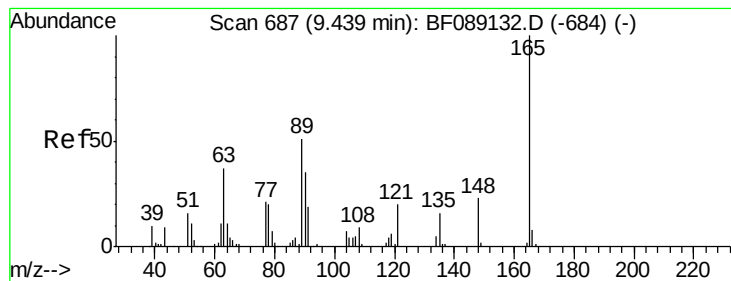


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 5.70 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

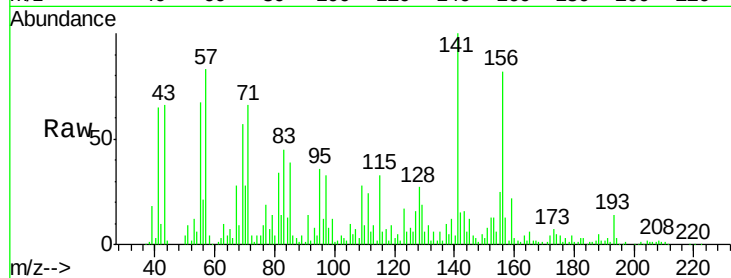
Tgt Ion:165 Resp: 9123

Ion Ratio Lower Upper

165 100

63 156.5 37.0 55.4#

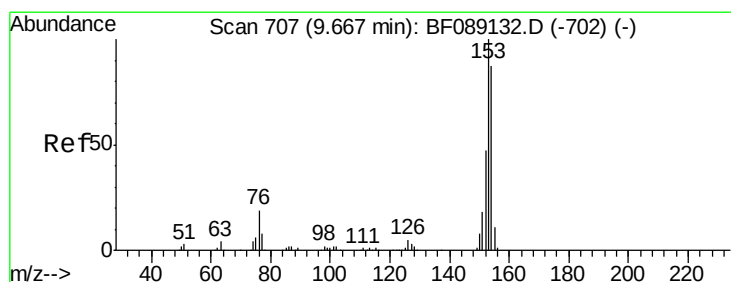
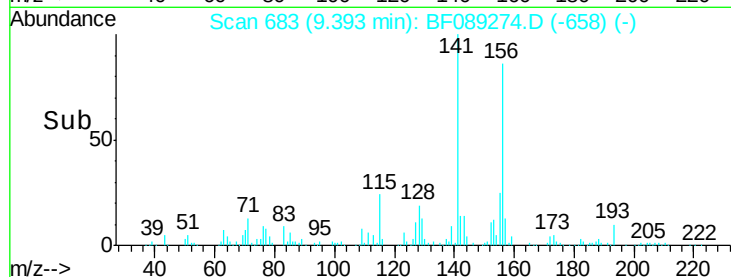
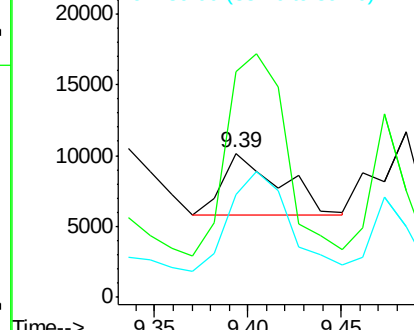
89 71.6 40.9 61.3#



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: 7.79 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

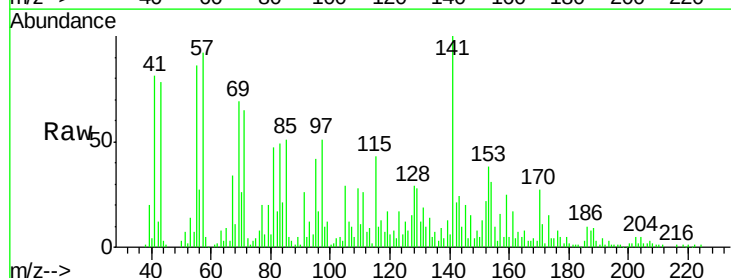
Tgt Ion:154 Resp: 45836

Ion Ratio Lower Upper

154 100

153 122.9 91.9 137.9

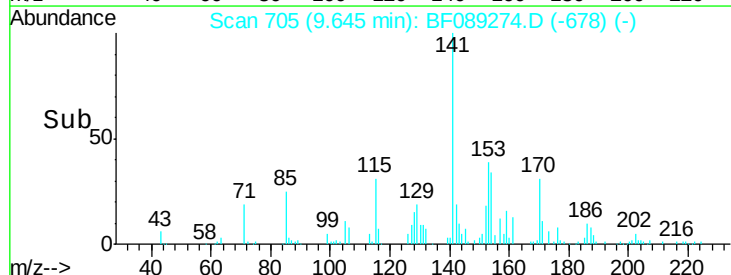
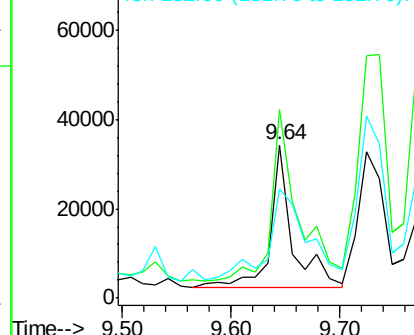
152 71.2 42.8 64.2#

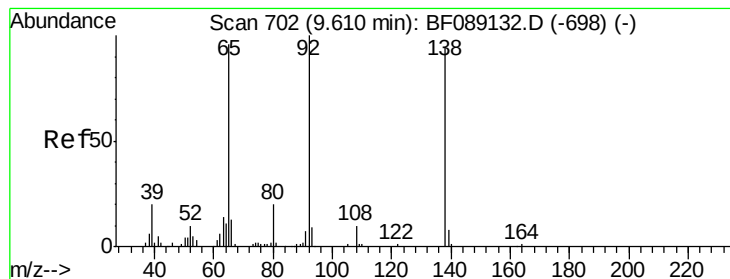


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 3.57 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

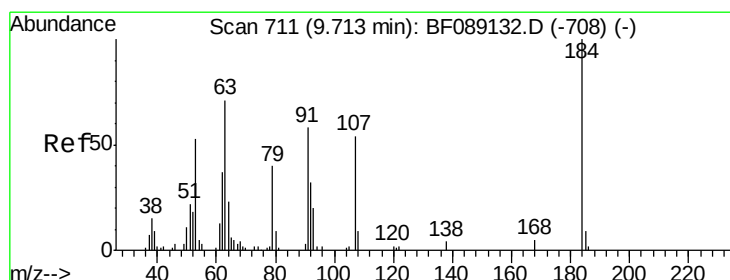
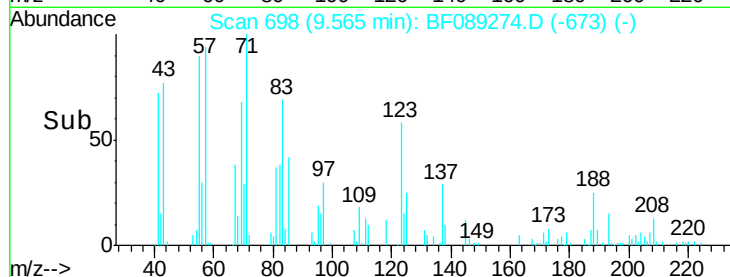
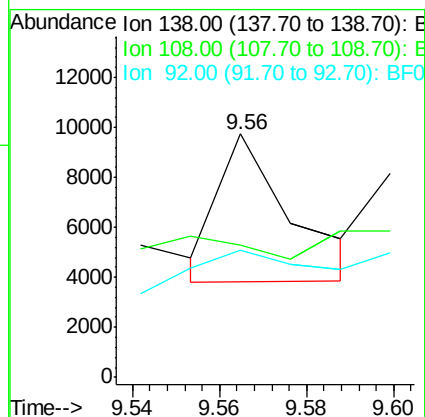
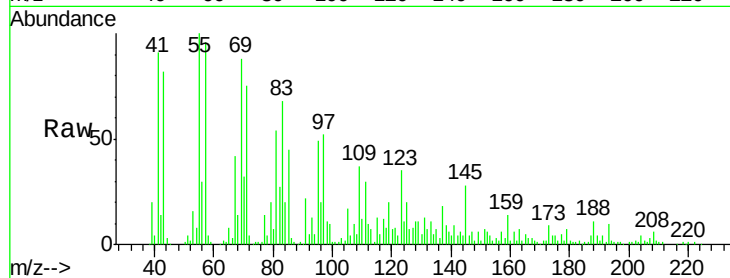
Tgt Ion:138 Resp: 6796

Ion Ratio Lower Upper

138 100

108 54.3 8.8 13.2#

92 52.3 85.3 127.9#



#53

2,4-Dinitrophenol

Concen: 9.51 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.03 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

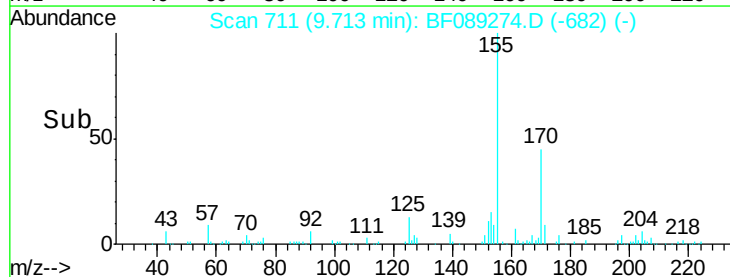
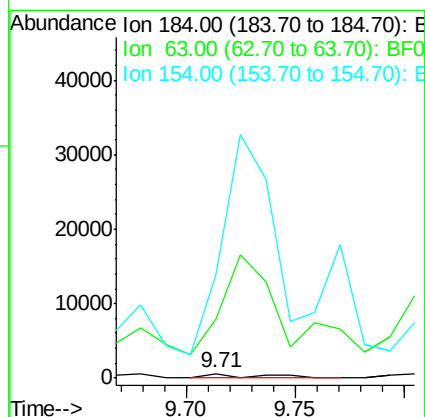
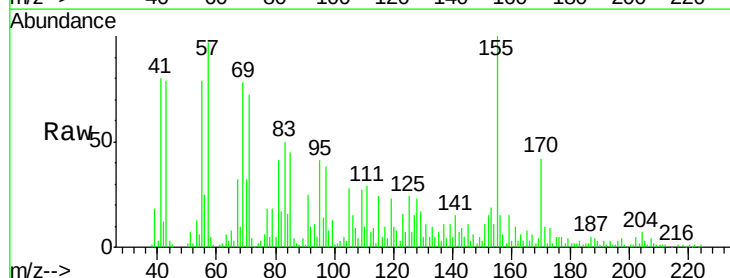
Tgt Ion:184 Resp: 892

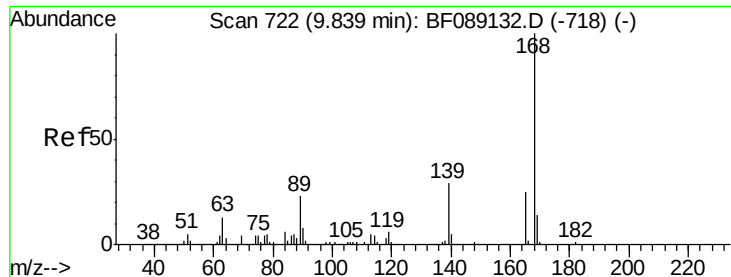
Ion Ratio Lower Upper

184 100

63 1264.3 60.3 90.5#

154 2241.8 60.7 91.1#

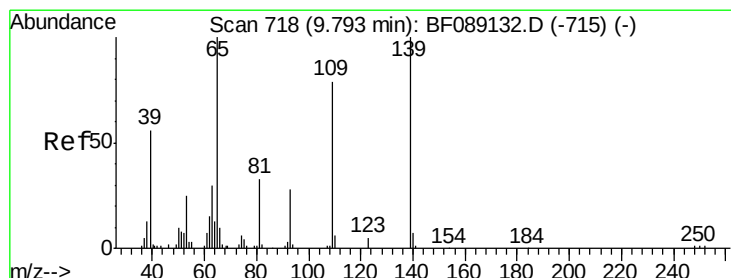
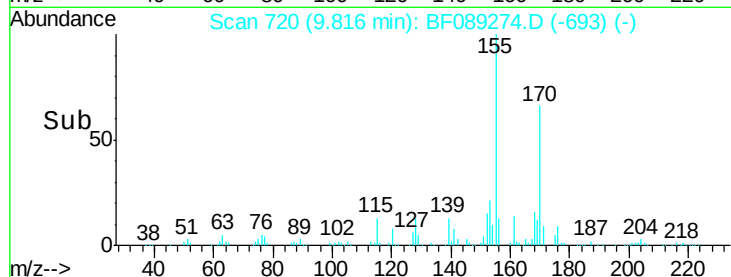
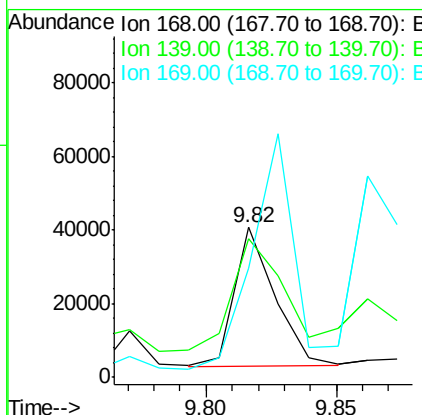
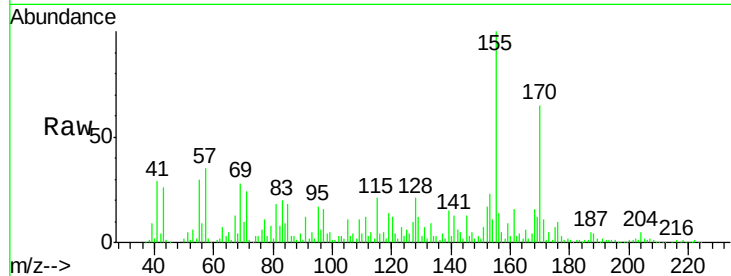




#54
Dibenzofuran
Concen: 5.10 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

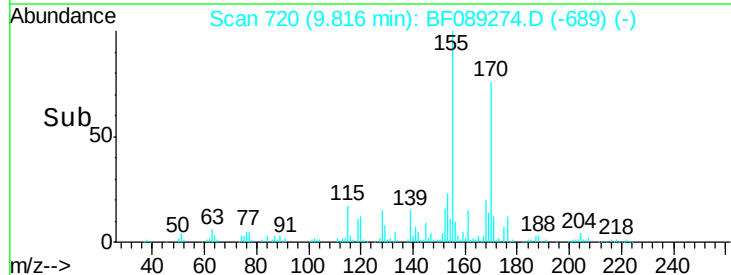
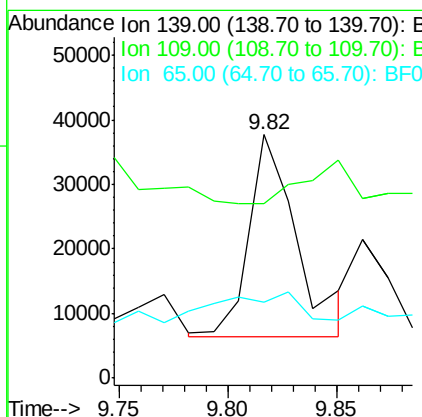
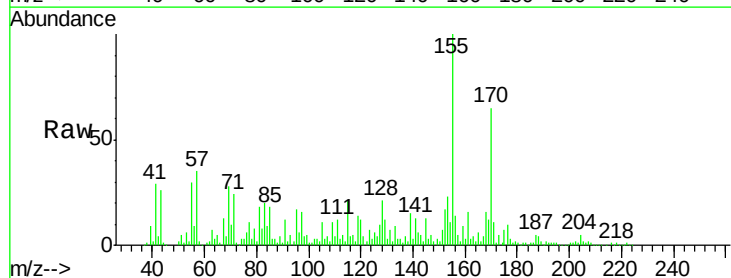
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

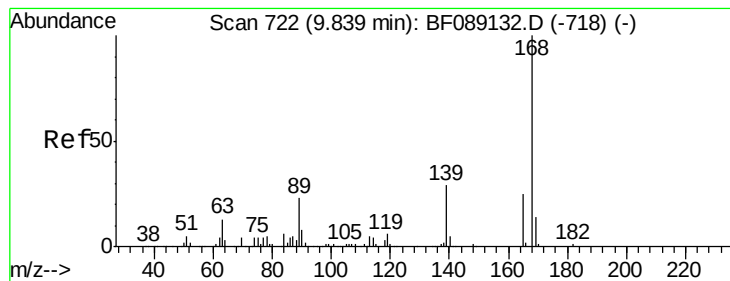
Tgt Ion:168 Resp: 40556
Ion Ratio Lower Upper
168 100
139 92.8 34.4 51.6#
169 72.6 10.8 16.2#



#55
4-Nitrophenol
Concen: 41.83 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.06 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion:139 Resp: 48138
Ion Ratio Lower Upper
139 100
109 71.5 58.7 98.7
65 31.1 80.2 120.2#





#56

2,4-Dinitrotoluene

Concen: 10.59 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

Tgt Ion:165 Resp: 21855

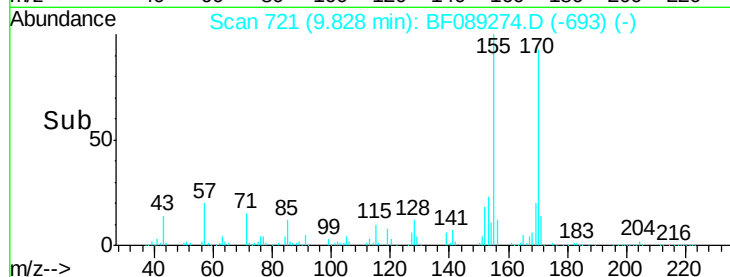
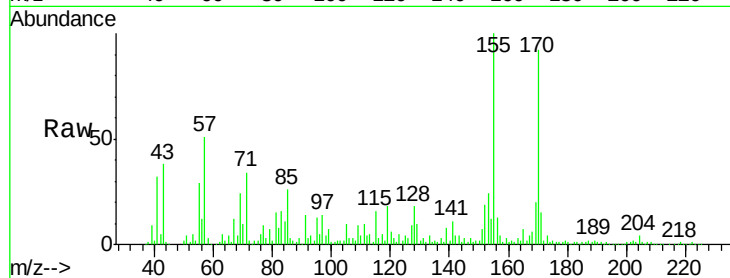
Ion Ratio Lower Upper

165 100

63 67.2 55.4 83.2

89 37.2 74.3 111.5#

182 14.4 2.0 3.0#

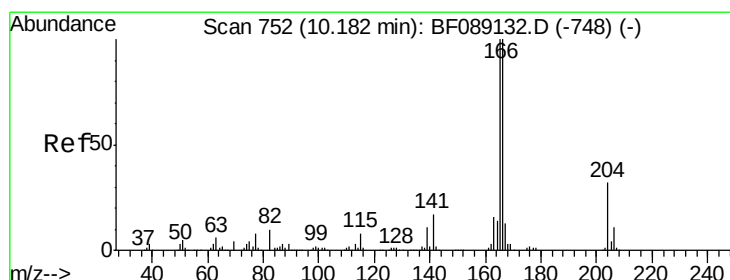
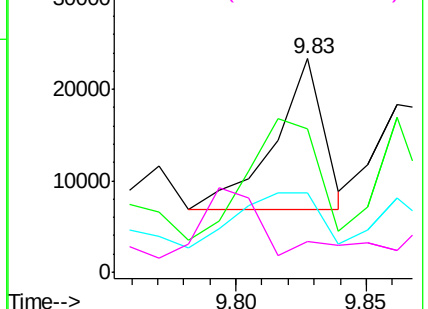


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 13.19 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

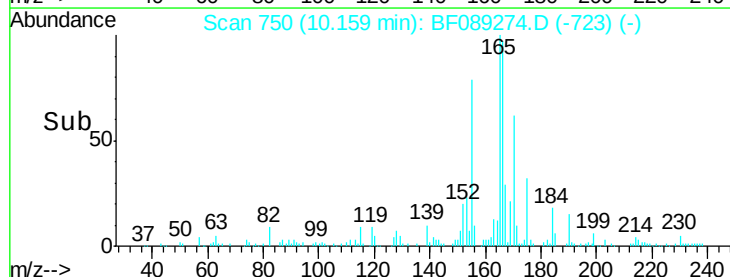
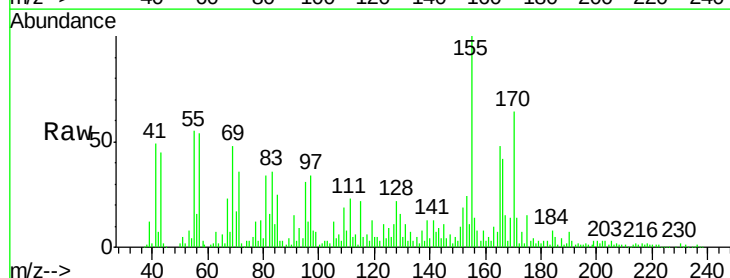
Tgt Ion:166 Resp: 89044

Ion Ratio Lower Upper

166 100

165 114.5 79.9 119.9

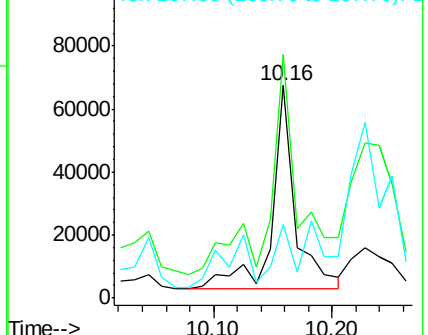
167 34.7 10.7 16.1#

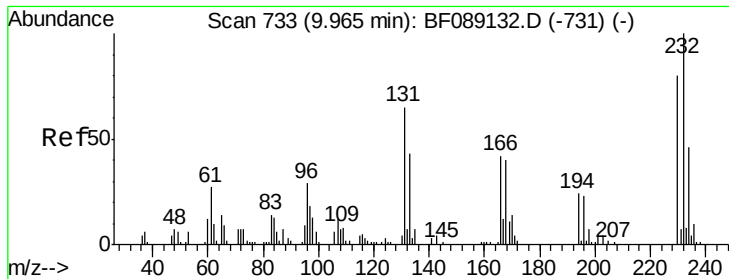


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

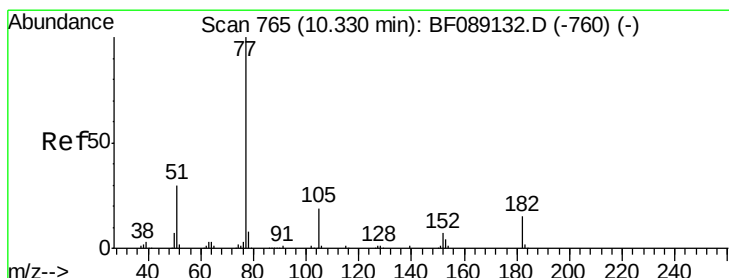
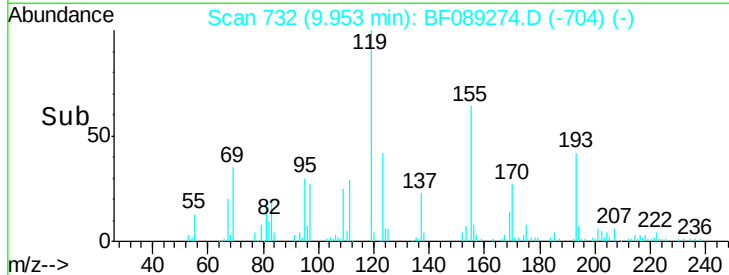
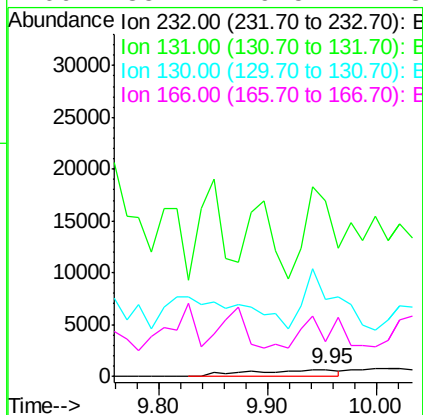
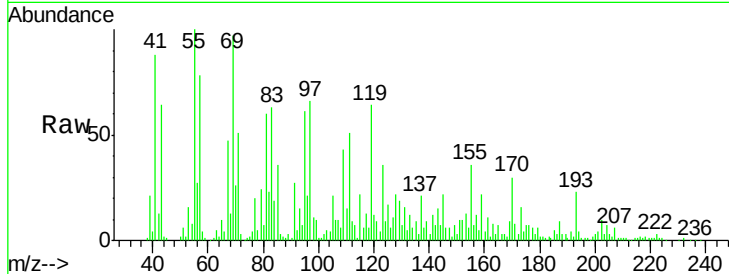




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.52 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.02 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

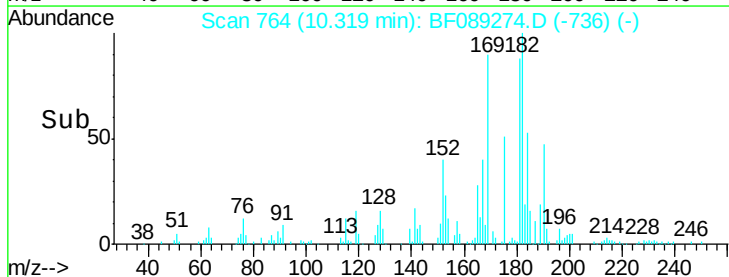
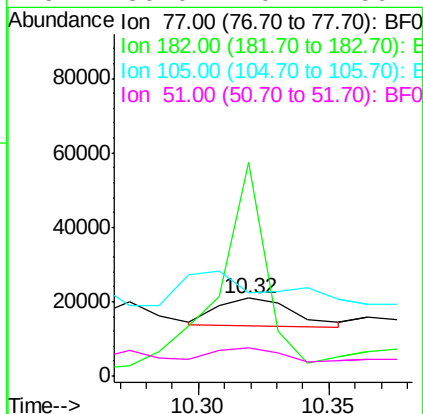
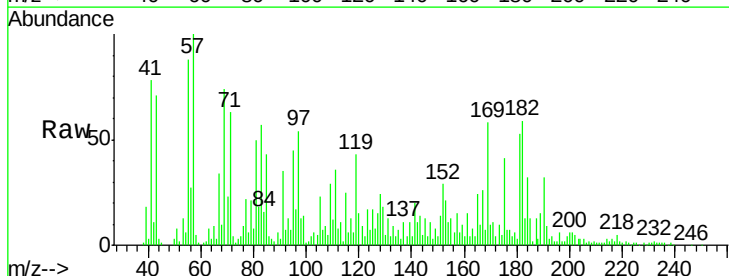
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

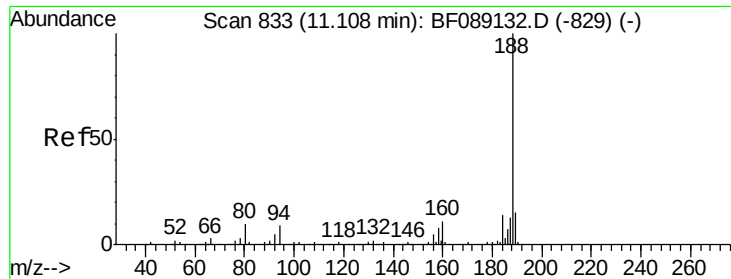
Tgt Ion: 232 Resp: 3498
 Ion Ratio Lower Upper
 232 100
 131 441.4 46.2 69.2#
 130 334.1 2.3 3.5#
 166 185.4 29.5 44.3#



#62
 Azobenzene
 Concen: 2.04 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.02 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Tgt Ion: 77 Resp: 15616
 Ion Ratio Lower Upper
 77 100
 182 274.4 0.0 35.0#
 105 106.6 0.0 39.4#
 51 36.0 10.7 50.7

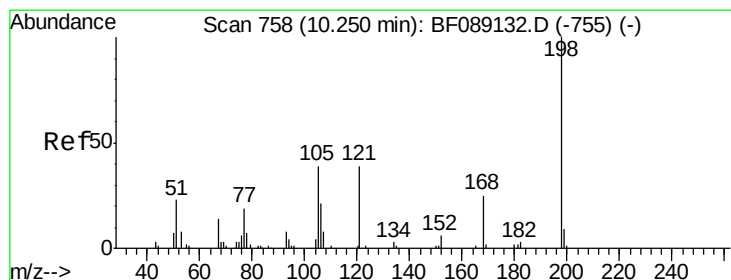
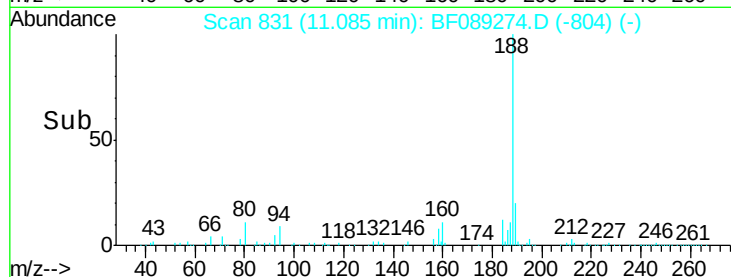
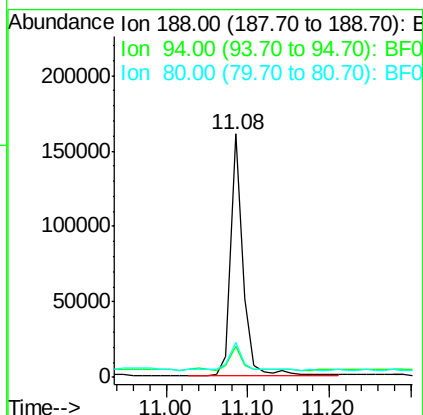
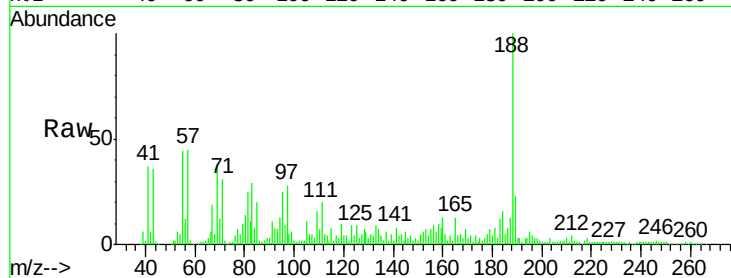




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

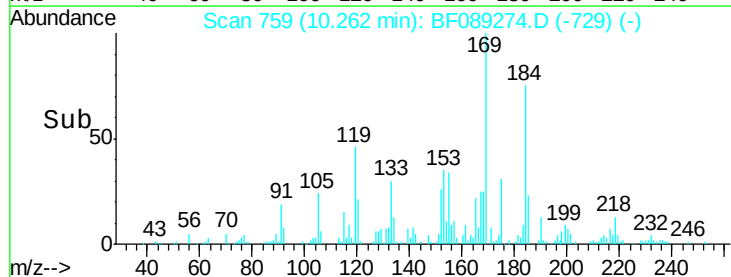
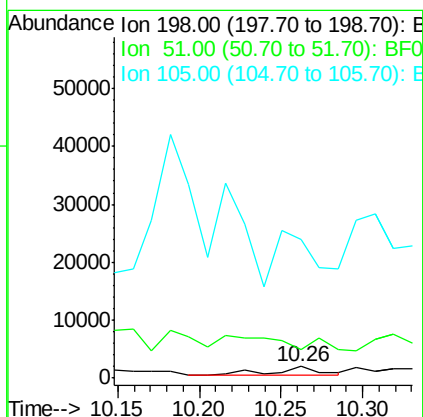
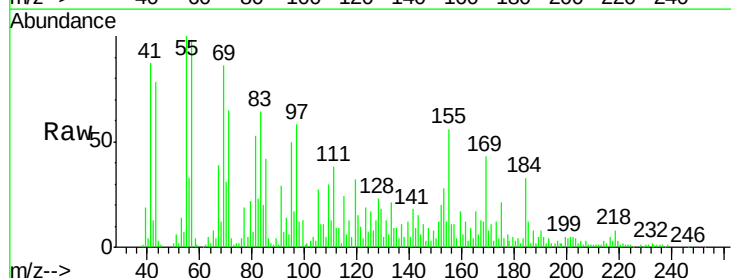
Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

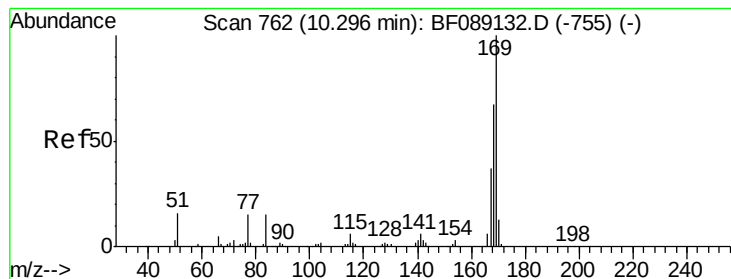
Tgt Ion:188 Resp: 169564
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 14.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.09 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.05 min
Lab File: BF089274.D
Acq: 25 Jul 2016 12:43

Tgt Ion:198 Resp: 3048
Ion Ratio Lower Upper
198 100
51 239.7 11.7 51.7#
105 1179.2 20.3 60.3#





#65

n-Nitrosodiphenylamine

Concen: 34.55 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

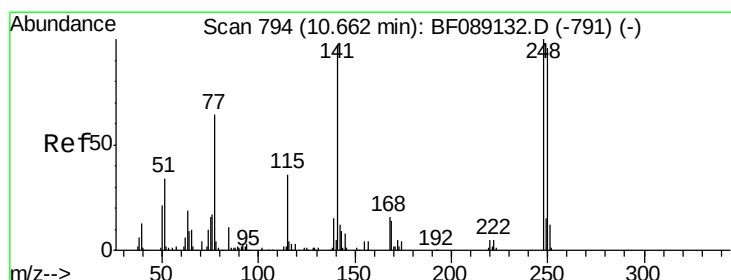
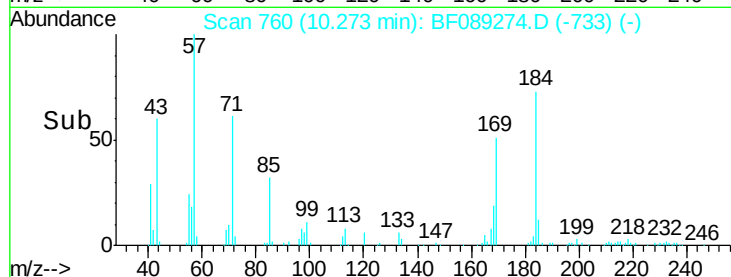
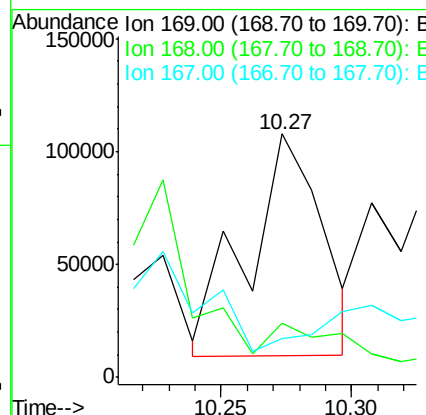
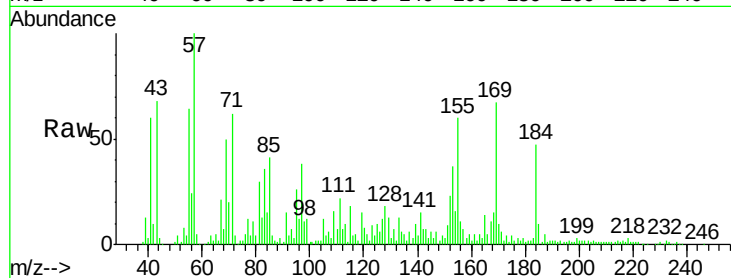
Tgt Ion:169 Resp: 195819

Ion Ratio Lower Upper

169 100

168 22.2 53.4 80.0#

167 15.8 29.5 44.3#



#66

4-Bromophenyl-phenylether

Concen: 4.58 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.23 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

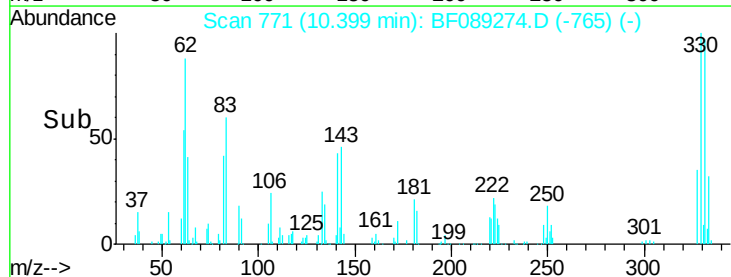
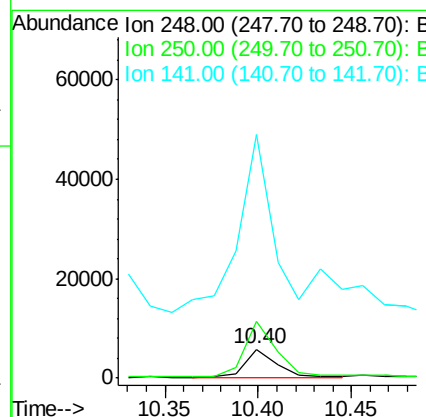
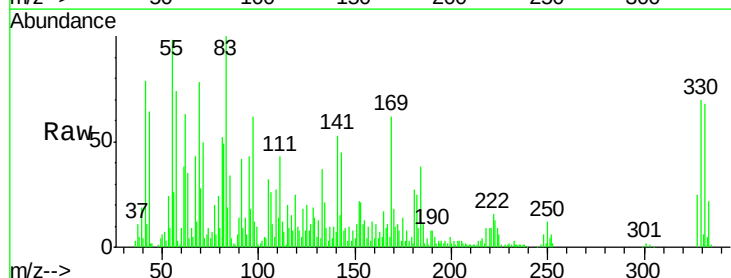
Tgt Ion:248 Resp: 7682

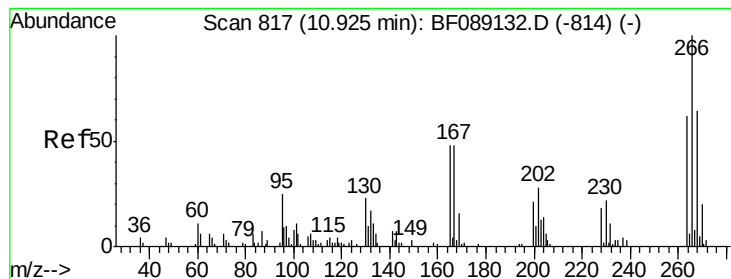
Ion Ratio Lower Upper

248 100

250 197.3 76.9 115.3#

141 837.2 77.4 116.2#





#69

Pentachlorophenol

Concen: 2.17 ng

RT: 10.92 min Scan# 817

Delta R.T. 0.03 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

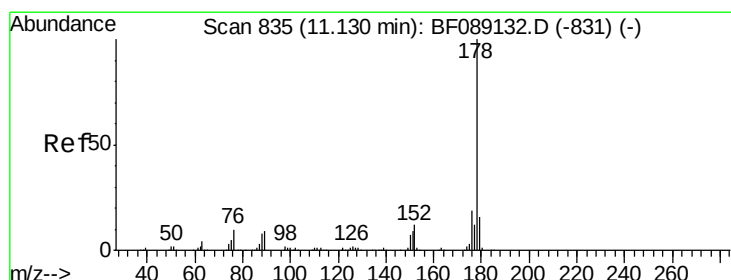
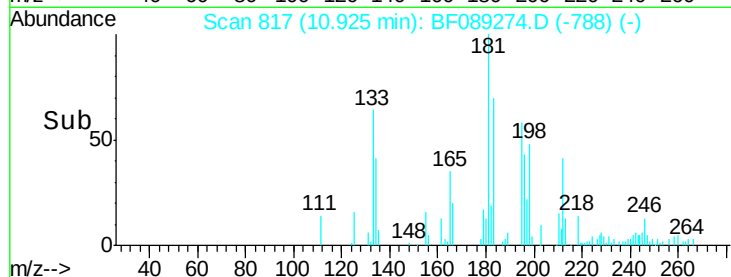
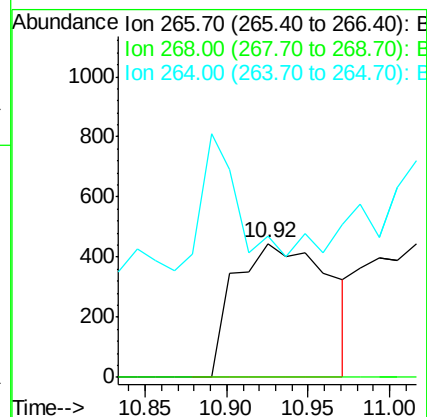
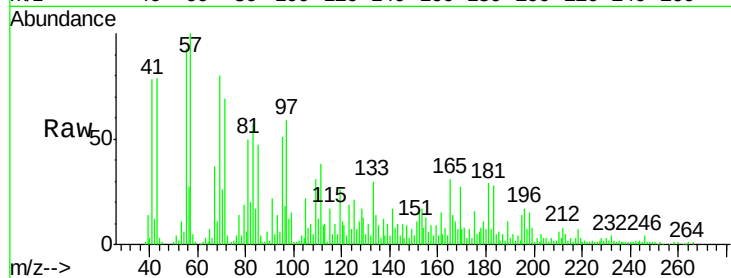
Tgt Ion:266 Resp: 1804

Ion Ratio Lower Upper

266 100

268 0.0 51.2 76.8#

264 105.2 49.7 74.5#



#70

Phenanthrene

Concen: 23.93 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

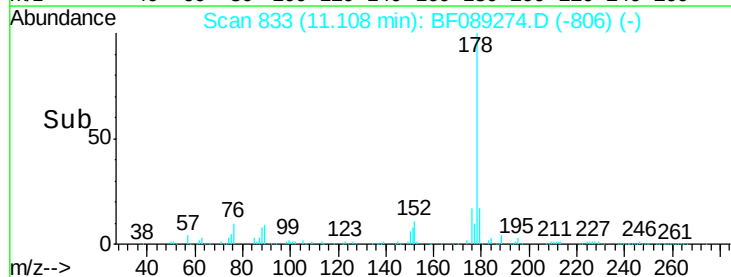
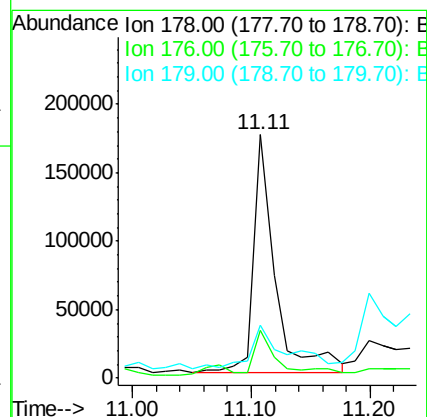
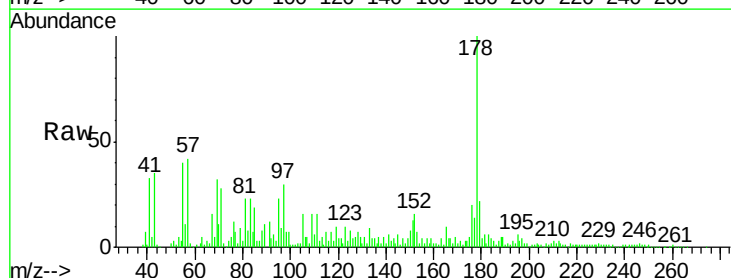
Tgt Ion:178 Resp: 222623

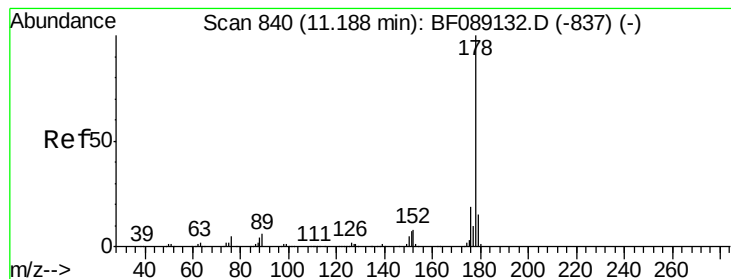
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 21.6 12.4 18.6#

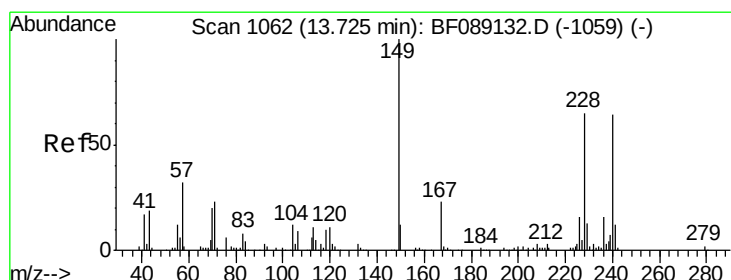
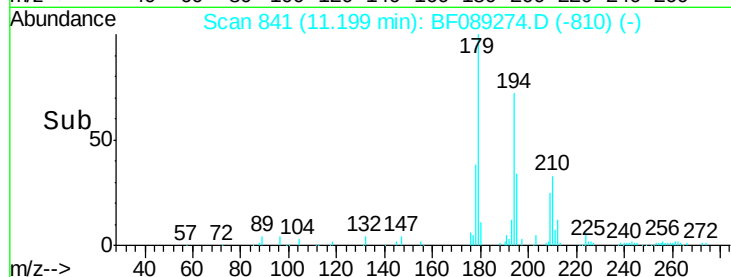
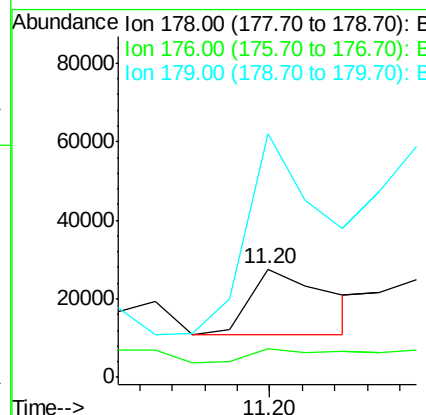
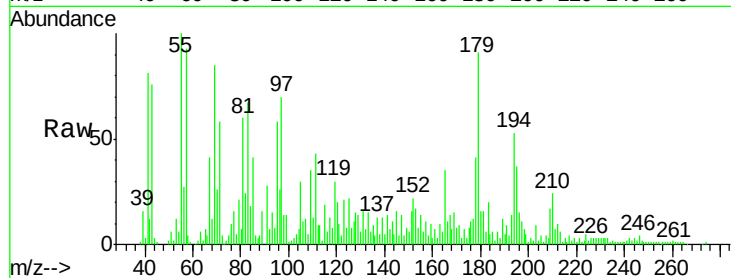




#71
 Anthracene
 Concen: 2.86 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.06 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

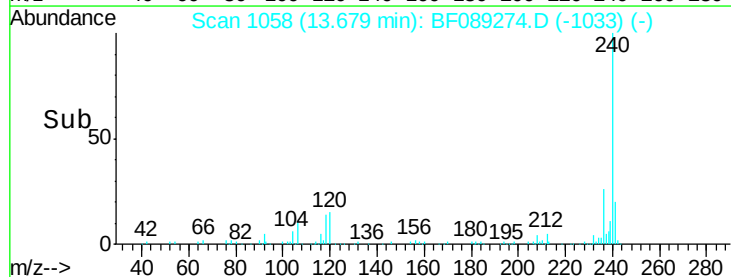
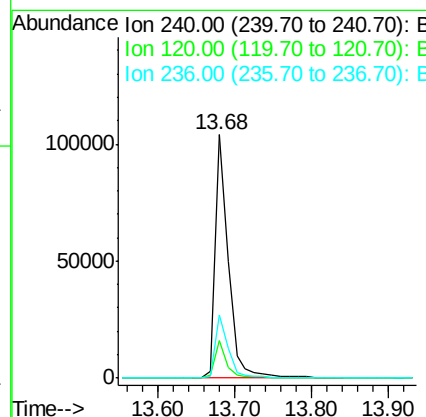
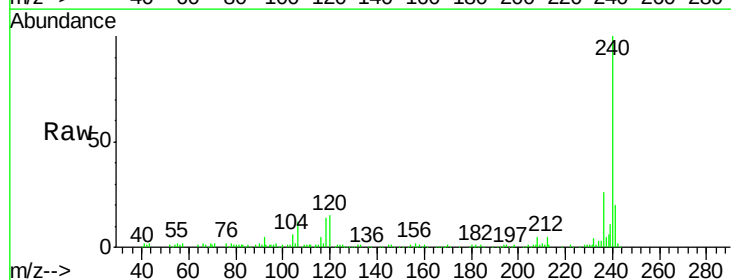
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

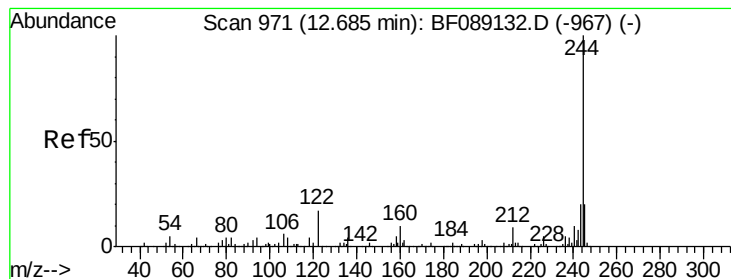
Tgt Ion:178 Resp: 27614
 Ion Ratio Lower Upper
 178 100
 176 26.5 14.9 22.3#
 179 225.2 12.0 18.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089274.D
 Acq: 25 Jul 2016 12:43

Tgt Ion:240 Resp: 122295
 Ion Ratio Lower Upper
 240 100
 120 15.2 13.6 20.4
 236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 85.28 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

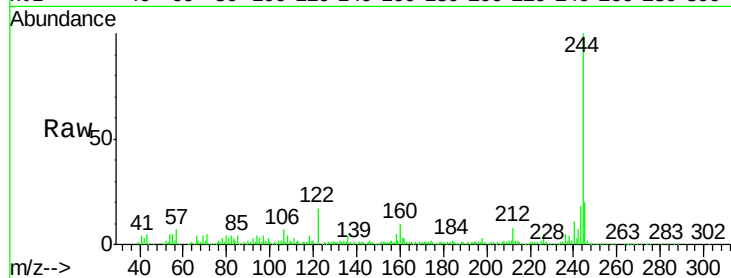
Tgt Ion:244 Resp: 480828

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

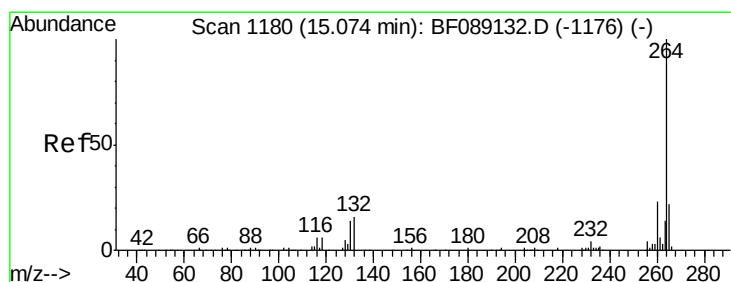
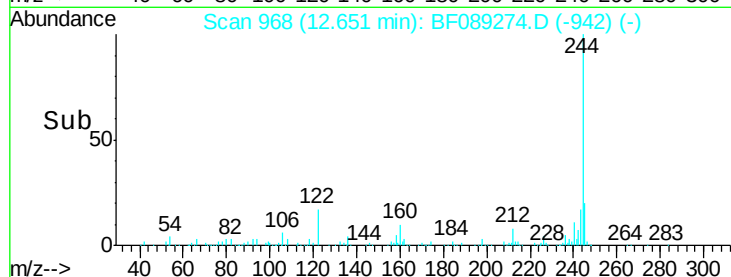
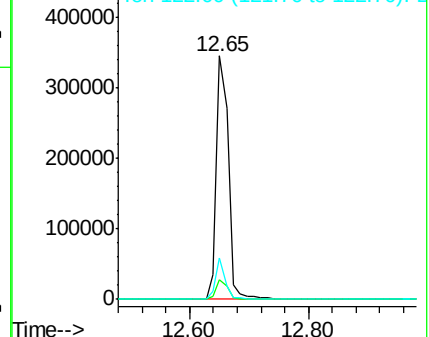
122 17.0 13.8 20.8



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: 15.02 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF089274.D

Acq: 25 Jul 2016 12:43

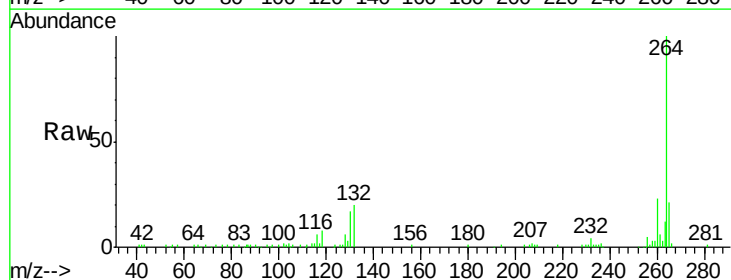
Tgt Ion:264 Resp: 100159

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.2 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

