

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089151.D
 Acq On : 21 Jul 2016 00:52
 Operator : UM/SJ
 Sample : H4112-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Quant Time: Jul 21 01:41:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	14377	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	64114	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	29251	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	59667	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	46956	20.00	ng	-0.01
86) Perylene-d12	15.06	264	37195	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	318769	337.21	ng	0.00
7) Phenol-d6	6.26	99	452684	371.34	ng	-0.01
23) Nitrobenzene-d5	7.16	82	252477	209.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	91431	347.18	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	417096	196.47	ng	-0.01
78) Terphenyl-d14	12.69	244	436276	201.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	1961	4.78	ng	# 28
6) Aniline	6.36	93	451	0.27	ng	# 1
9) Benzaldehyde	6.15	77	475	0.26	ng	# 1
10) Phenol	6.27	94	3102	2.21	ng	# 1
11) bis(2-Chloroethyl)ether	6.36	93	451	0.43	ng	# 1
15) Benzyl Alcohol	6.75	79	5421	6.07	ng	# 55
18) Hexachloroethane	7.10	117	2498	5.70	ng	# 1
19) n-Nitroso-di-n-propylamine	7.03	70	2110	2.65	ng	# 78
20) 3+4-Methylphenols	7.24	107	210	0.19	ng	# 1
22) Acetophenone	7.07	105	2608	1.52	ng	# 22
24) Nitrobenzene	7.14	77	5694	4.47	ng	# 32
25) Isophorone	7.52	82	19589	8.81	ng	# 31
26) 2-Nitrophenol	7.53	139	851	1.43	ng	# 1
27) 2,4-Dimethylphenol	7.53	122	538	0.54	ng	# 1
28) bis(2-Chloroethoxy)methane	7.63	93	1411	1.01	ng	# 1
29) 2,4-Dichlorophenol	7.82	162	1972	2.19	ng	# 26
31) Naphthalene	7.88	128	2638	0.76	ng	# 1
32) Benzoic acid	7.80	122	272	0.35	ng	# 1
33) 4-Chloroaniline	7.94	127	2491	1.71	ng	# 1
35) Caprolactam	8.33	113	11226	40.11	ng	# 54
36) 4-Chloro-3-methylphenol	8.51	107	1143	1.05	ng	# 23
37) 2-Methylnaphthalene	8.59	142	78404	35.53	ng	# 95
45) 1,1'-Biphenyl	8.96	154	1073	0.41	ng	# 1
46) 2-Chloronaphthalene	9.13	162	566	0.28	ng	# 47
47) 2-Nitroaniline	9.14	65	363	0.53	ng	# 39
48) Acenaphthylene	9.50	152	1638	0.52	ng	# 1
49) Dimethylphthalate	9.36	163	109397	48.74	ng	# 97
50) 2,6-Dinitrotoluene	9.50	165	1035	2.04	ng	# 54
51) Acenaphthene	9.66	154	624	0.34	ng	# 47
52) 3-Nitroaniline	9.61	138	248	0.41	ng	# 4
54) Dibenzofuran	9.84	168	1582	0.63	ng	# 18
55) 4-Nitrophenol	9.74	139	1794	4.93	ng	# 22
56) 2,4-Dinitrotoluene	9.84	165	968	1.48	ng	# 42
57) Fluorene	10.17	166	1913	0.90	ng	# 90

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

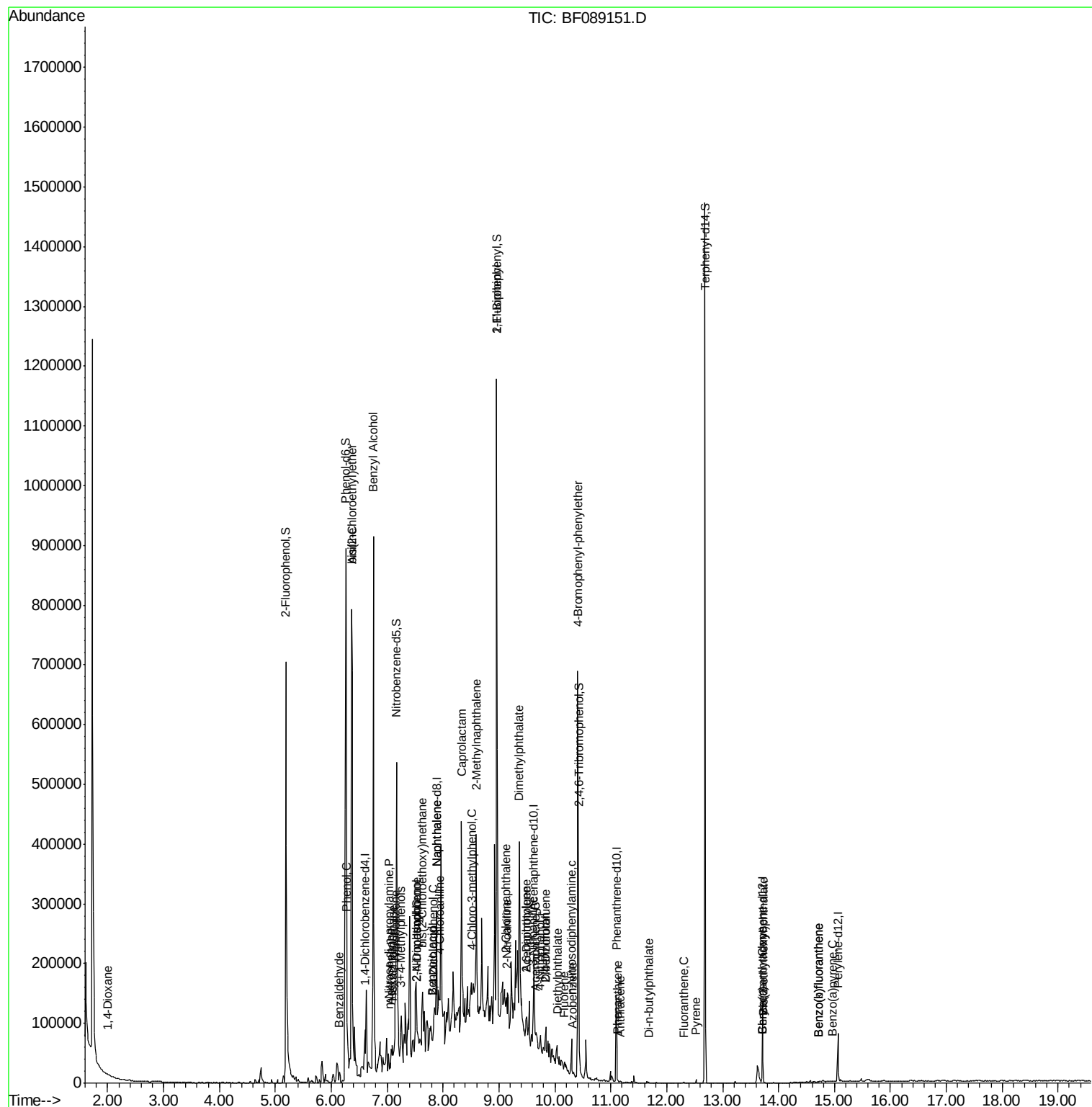
59) Diethylphthalate	10.06	149	294	0.13	ng	# 61
62) Azobenzene	10.32	77	444	0.18	ng	# 1
65) n-Nitrosodiphenylamine	10.30	169	4646	2.33	ng	# 24
66) 4-Bromophenyl-phenylether	10.41	248	6717	11.38	ng	# 1
70) Phenanthrene	11.12	178	1324	0.40	ng	# 60
71) Anthracene	11.18	178	210	0.06	ng	# 61
73) Di-n-butylphthalate	11.68	149	480	0.13	ng	# 78
74) Fluoranthene	12.31	202	1326	0.39	ng	# 62
77) Pyrene	12.53	202	1254	0.32	ng	# 77
80) Benzo(a)anthracene	13.70	228	800	0.27	ng	# 51
82) Chrysene	13.70	228	800	0.28	ng	# 50
83) Bis(2-ethylhexyl)phthalate	13.73	149	281	0.13	ng	# 56
87) Benzo(b)fluoranthene	14.71	252	372	0.14	ng	# 57
88) Benzo(k)fluoranthene	14.71	252	372	0.19	ng	# 61
89) Benzo(a)pyrene	14.96	252	218	0.10	ng	# 58

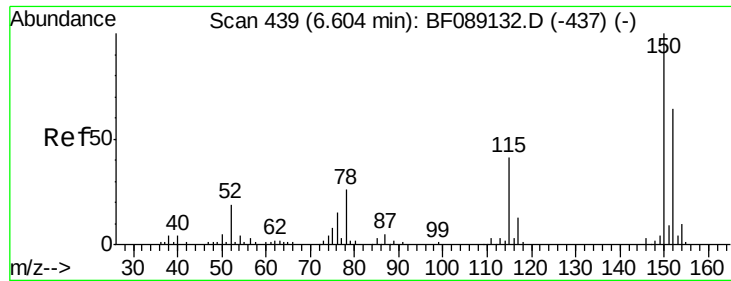
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

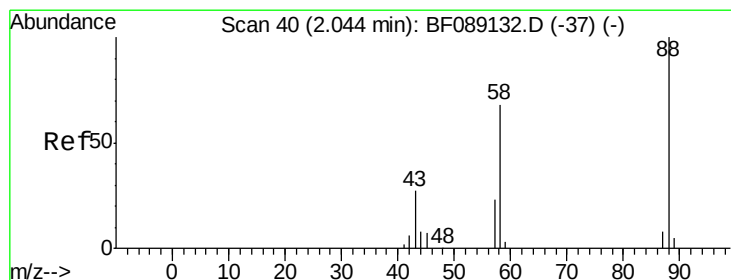
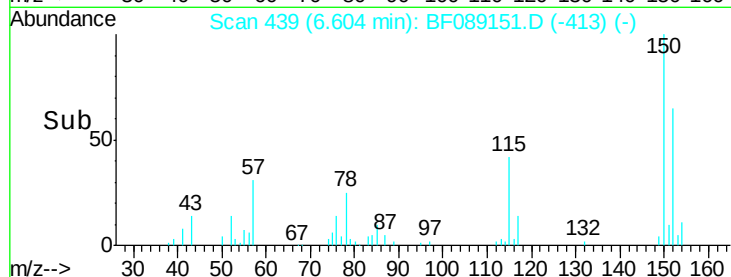
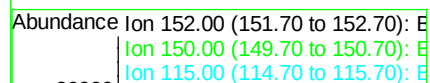
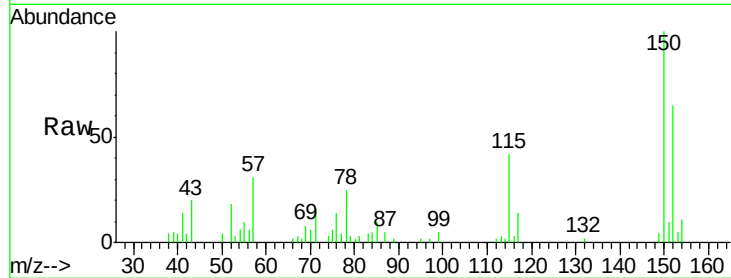
Tgt Ion:152 Resp: 14377

Ion Ratio Lower Upper

152 100

150 153.9 125.1 187.7

115 64.4 51.1 76.7



#2

1,4-Dioxane

Concen: 4.78 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.03 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

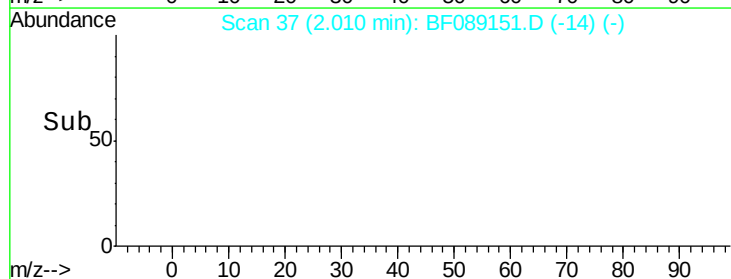
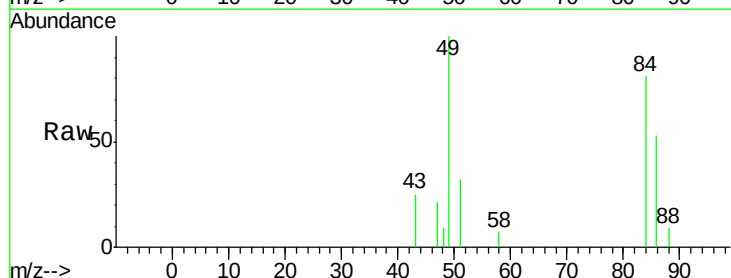
Tgt Ion: 88 Resp: 1961

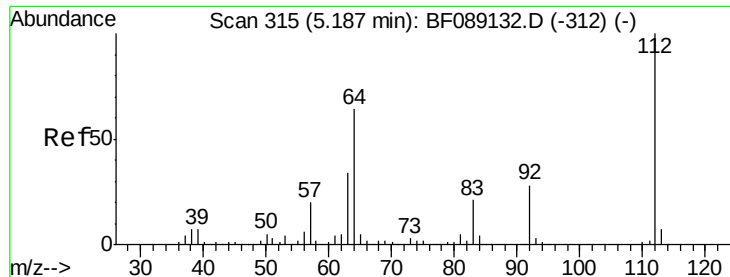
Ion Ratio Lower Upper

88 100

58 0.0 49.2 73.8#

43 0.0 20.6 30.8#





#5

2-Fluorophenol

Concen: 337.21 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

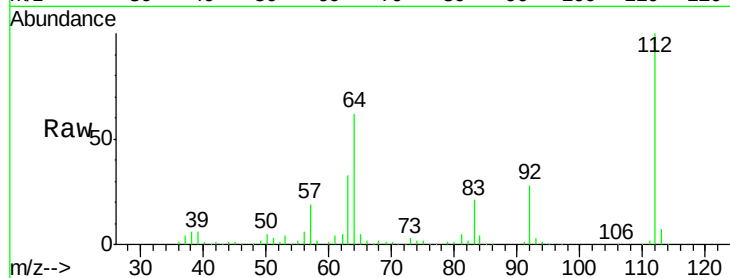
Tgt Ion: 112 Resp: 318769

Ion Ratio Lower Upper

112 100

64 62.2 51.0 76.4

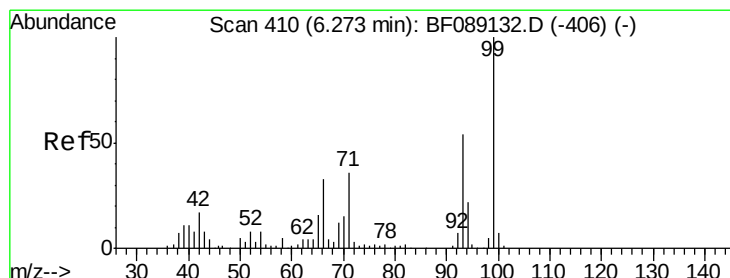
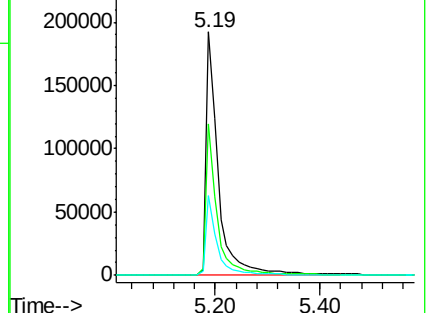
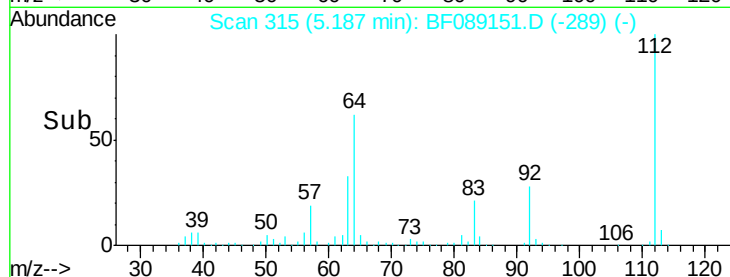
63 32.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.27 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.09 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

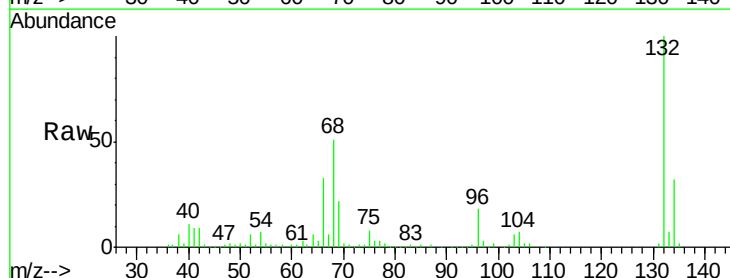
Tgt Ion: 93 Resp: 451

Ion Ratio Lower Upper

93 100

66 18787.4 48.9 73.3#

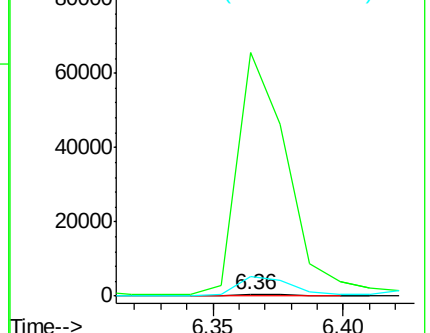
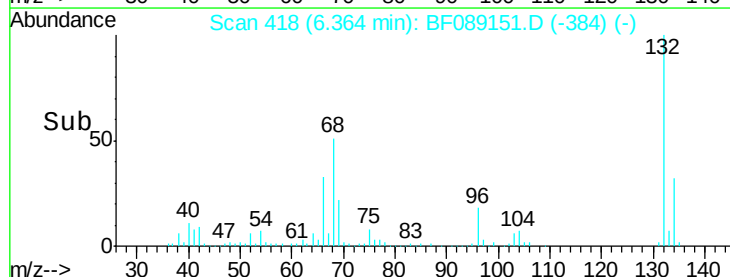
65 1520.1 23.9 35.9#

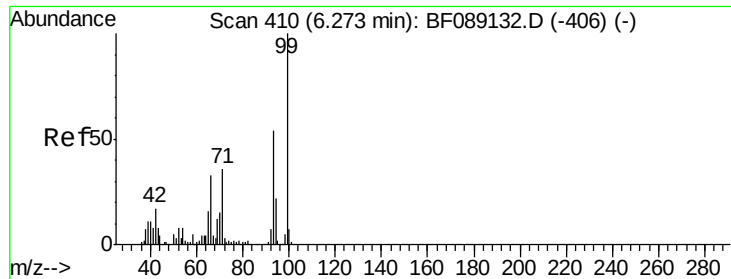


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 371.34 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

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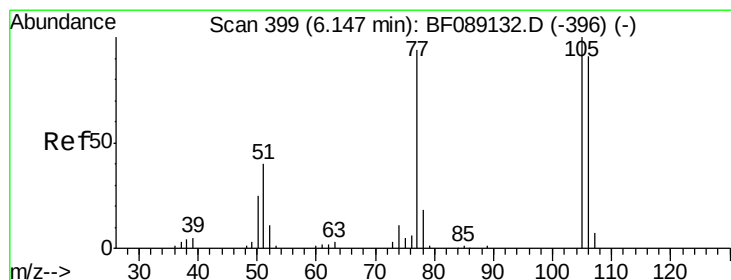
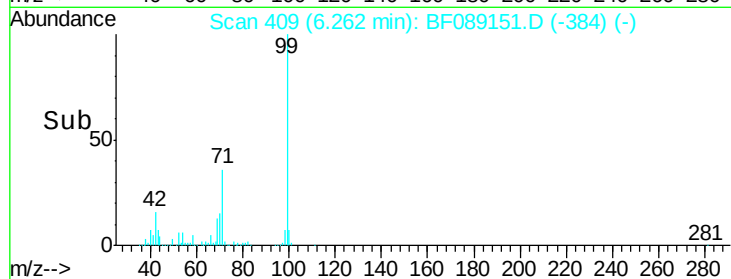
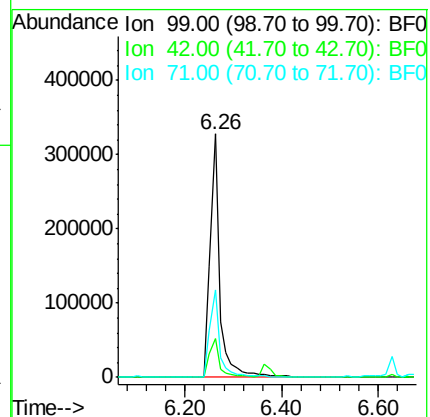
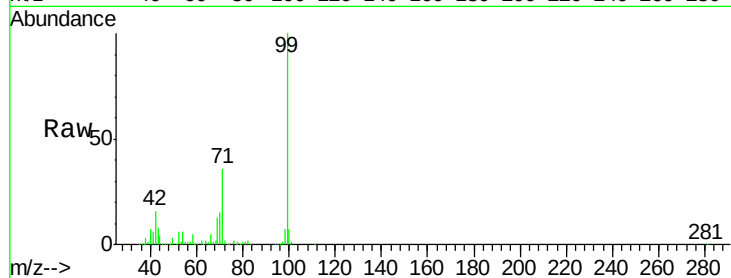
Tgt Ion: 99 Resp: 452684

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 36.1 28.9 43.3



#9

Benzaldehyde

Concen: 0.26 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

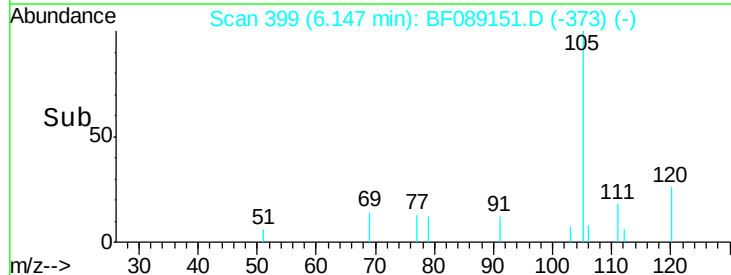
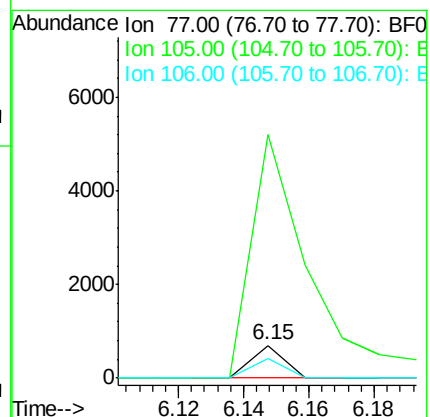
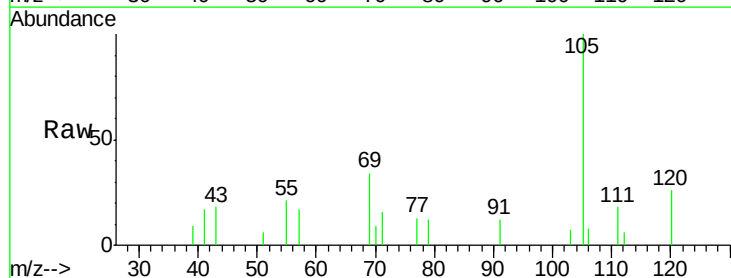
Tgt Ion: 77 Resp: 475

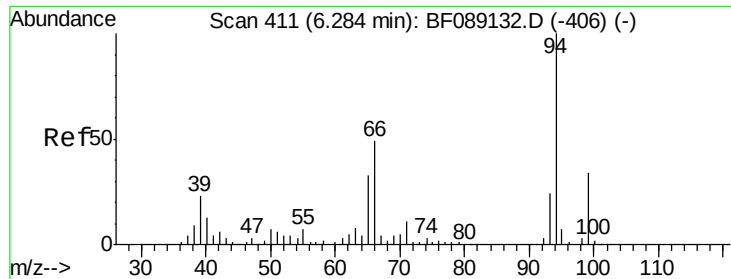
Ion Ratio Lower Upper

77 100

105 750.6 86.2 126.2#

106 61.8 76.3 116.3#





#10

Phenol

Concen: 2.21 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

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ClientSampleId :

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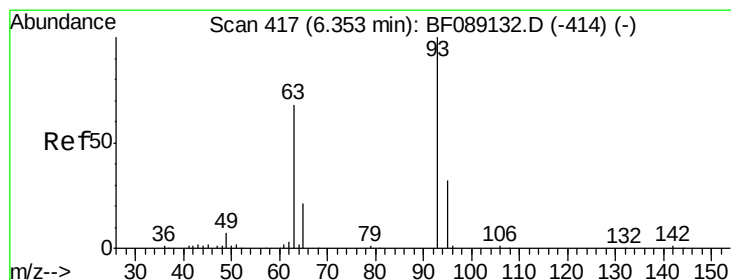
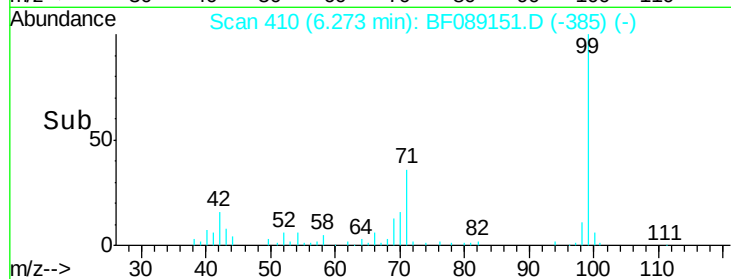
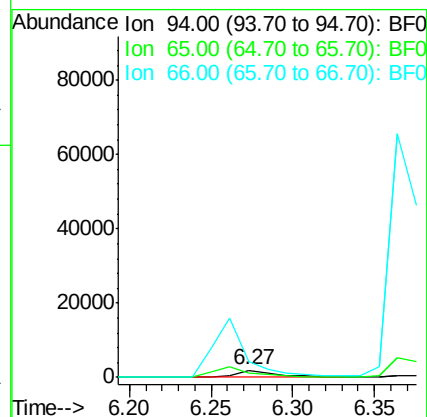
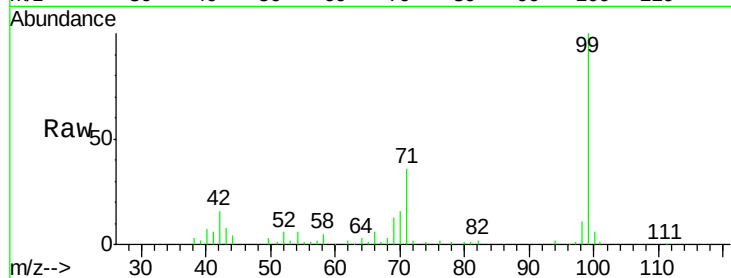
Tgt Ion: 94 Resp: 3102

Ion Ratio Lower Upper

94 100

65 57.2 13.3 53.3#

66 232.2 29.3 69.3#



#11

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

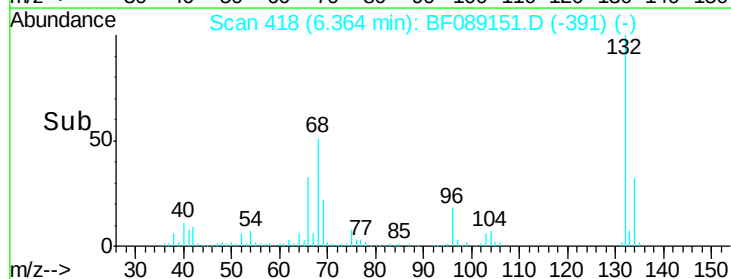
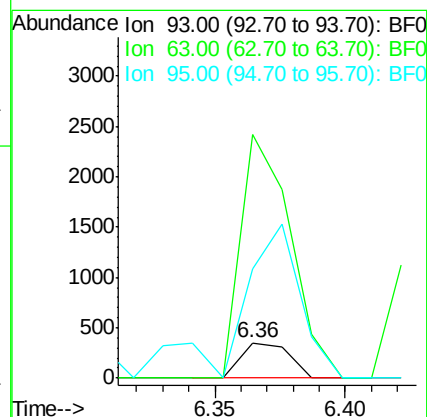
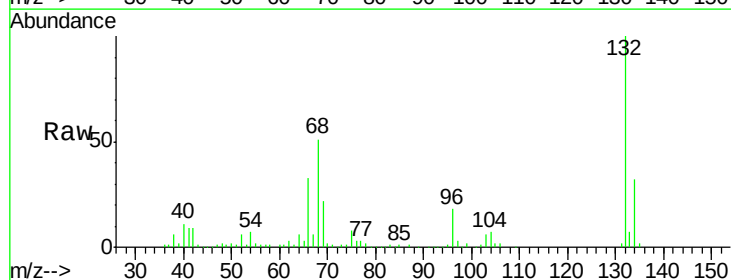
Tgt Ion: 93 Resp: 451

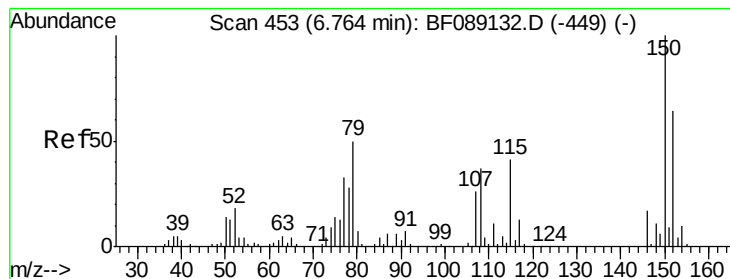
Ion Ratio Lower Upper

93 100

63 693.1 47.3 87.3#

95 311.5 11.8 51.8#





#15

Benzyl Alcohol

Concen: 6.07 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

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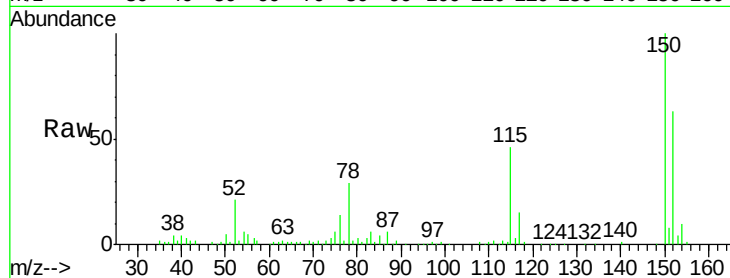
Tgt Ion: 79 Resp: 5421

Ion Ratio Lower Upper

79 100

108 28.2 58.2 87.4#

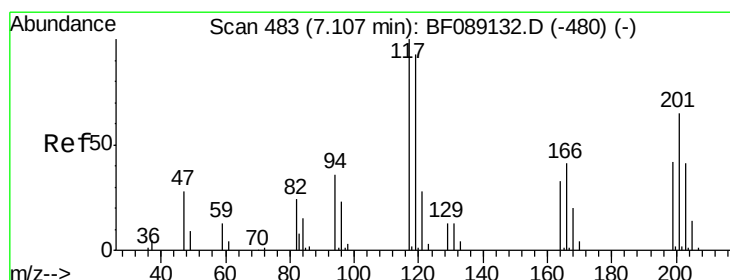
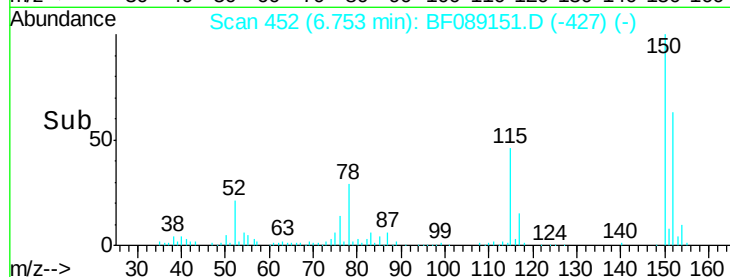
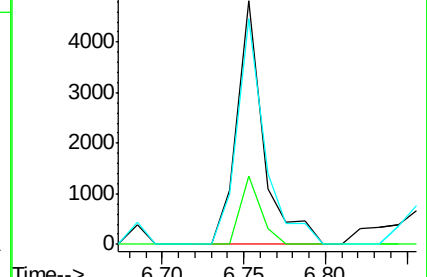
77 92.9 52.2 78.4#



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: 5.70 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

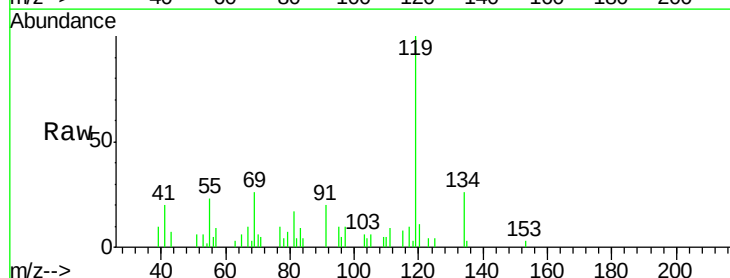
Tgt Ion: 117 Resp: 2498

Ion Ratio Lower Upper

117 100

119 1005.2 74.5 111.7#

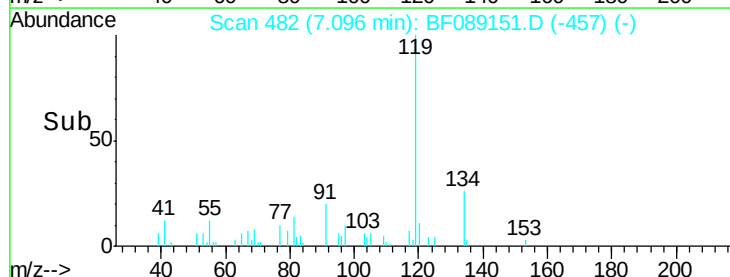
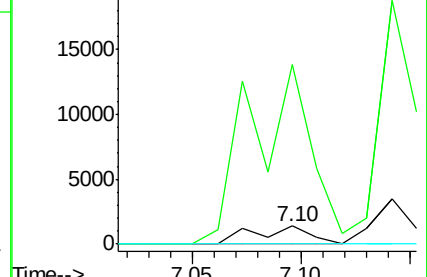
201 0.0 51.8 77.6#

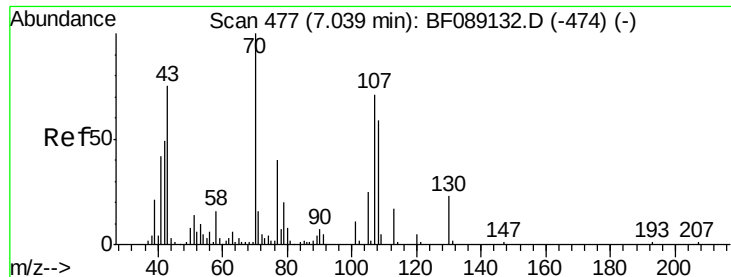


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

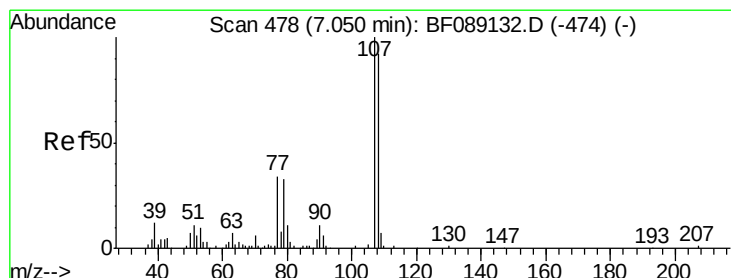
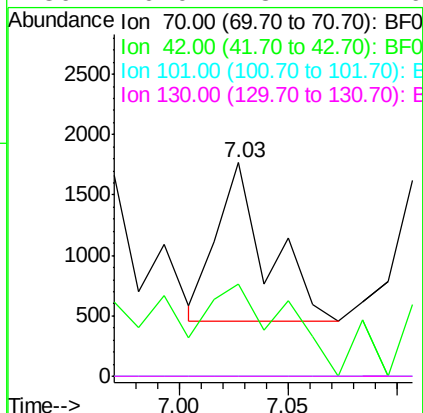
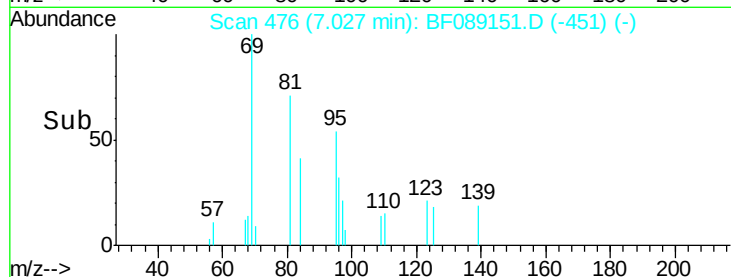
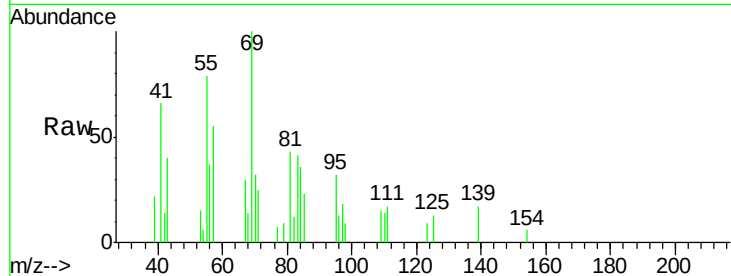




#19
n-Nitroso-di-n-propylamine
Concen: 2.65 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

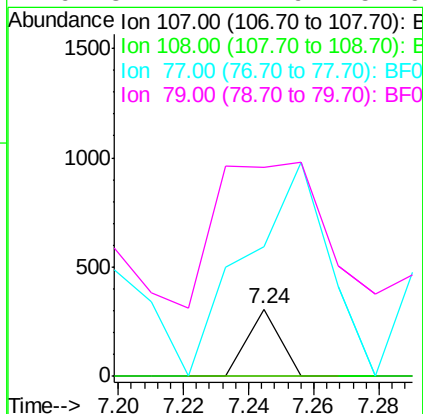
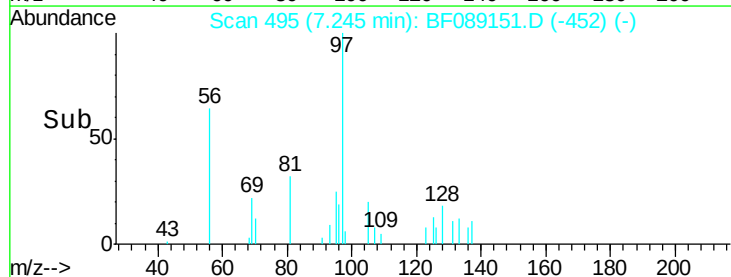
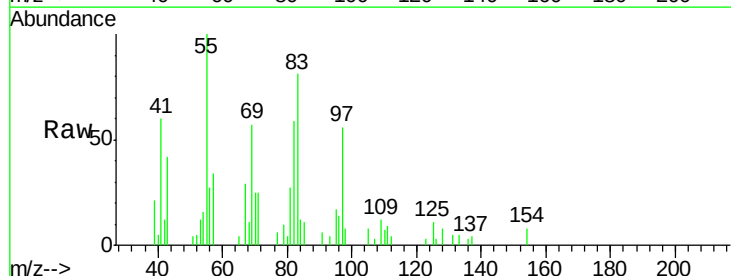
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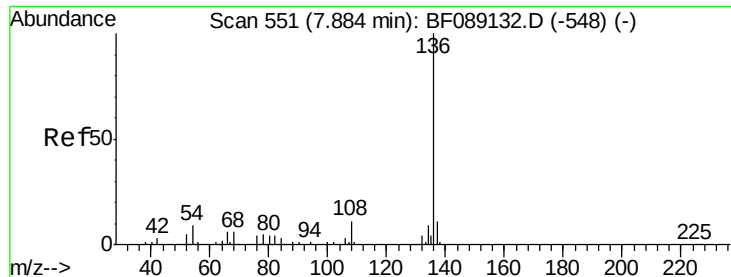
Tgt Ion: 70 Resp: 2110
Ion Ratio Lower Upper
70 100
42 43.1 39.2 58.8
101 0.0 8.5 12.7#
130 0.0 18.4 27.6#



#20
3+4-Methylphenols
Concen: 0.19 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.19 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion: 107 Resp: 210
Ion Ratio Lower Upper
107 100
108 0.0 72.5 112.5#
77 193.8 17.7 57.7#
79 312.1 12.9 52.9#

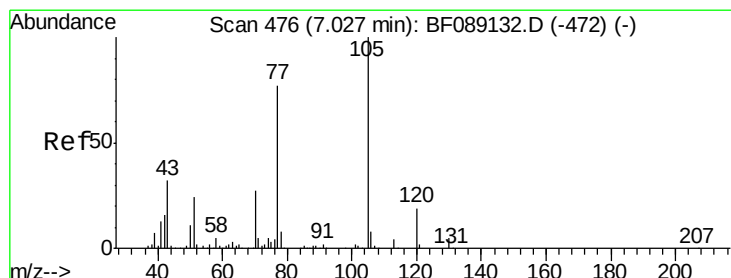
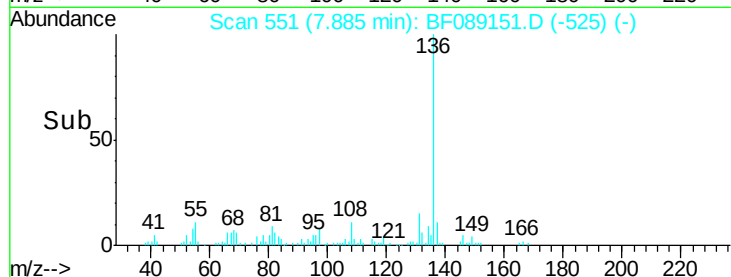
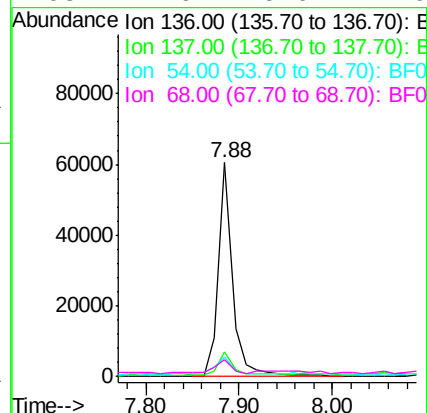
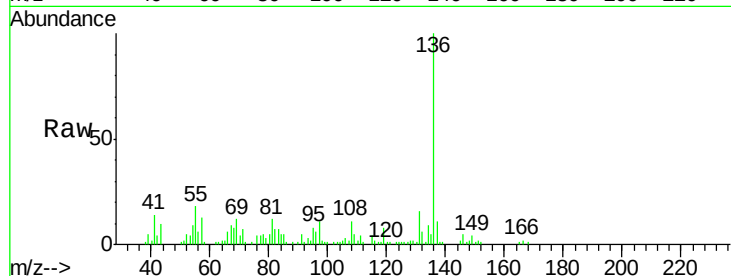




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

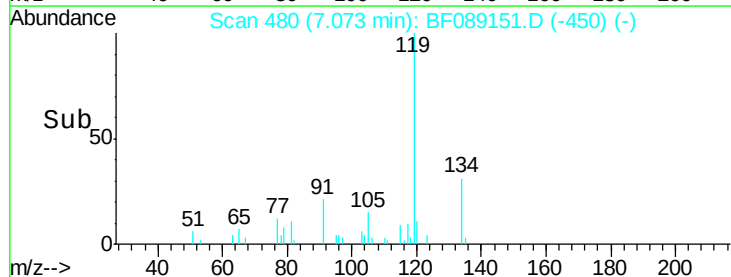
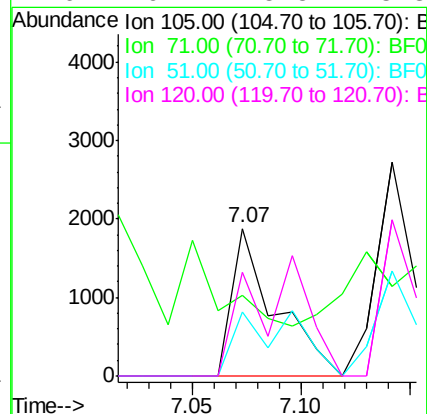
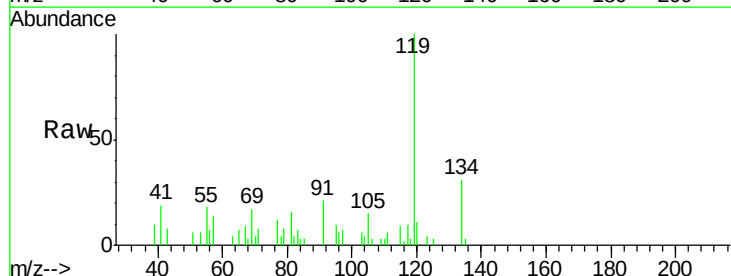
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

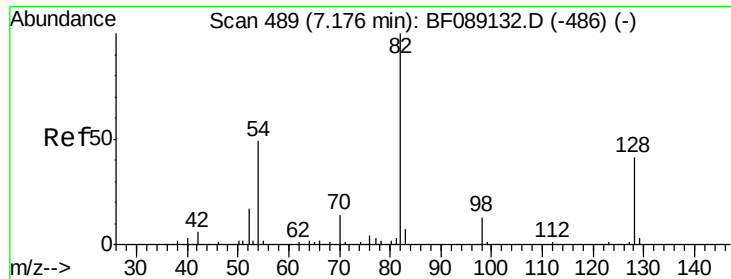
Tgt Ion:	136	Resp:	64114
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	7.0	10.4
68	7.9	5.0	7.6#



#22
Acetophenone
Concen: 1.52 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.05 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:	105	Resp:	2608
Ion	Ratio	Lower	Upper
105	100		
71	55.0	3.8	5.6#
51	43.2	19.6	29.4#
120	70.4	15.5	23.3#

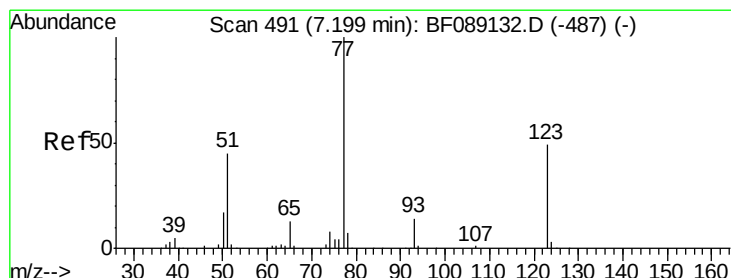
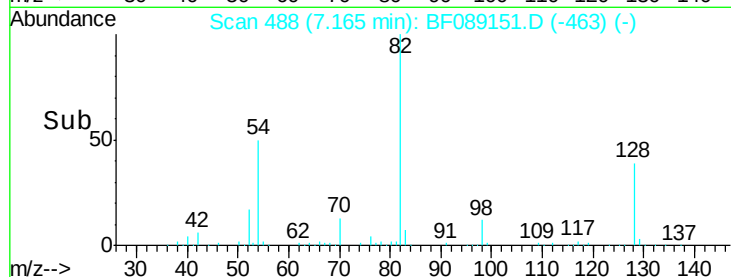
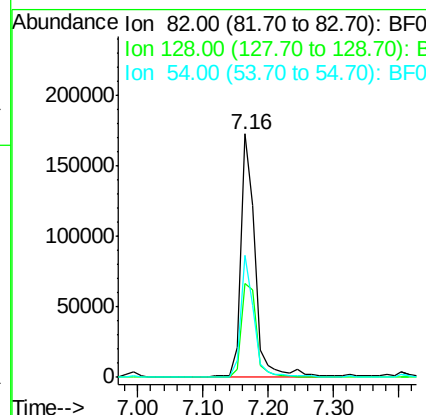
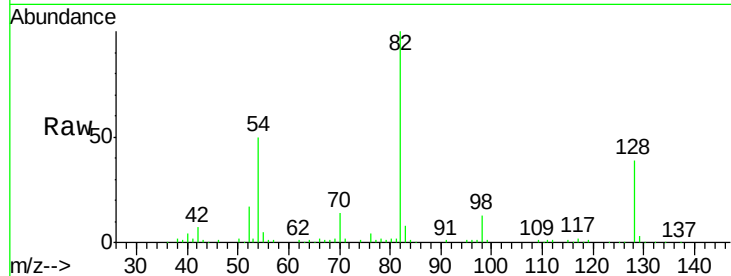




#23
 Nitrobenzene-d5
 Concen: 209.24 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

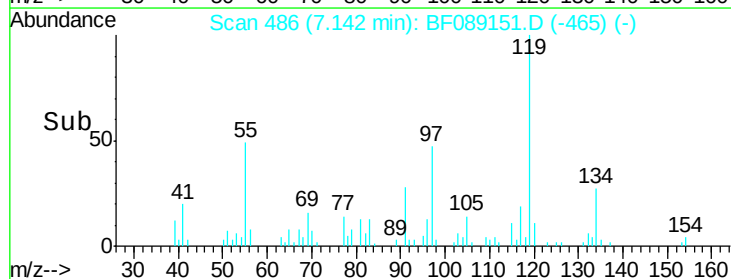
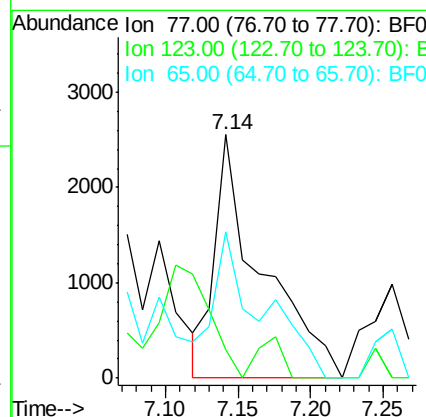
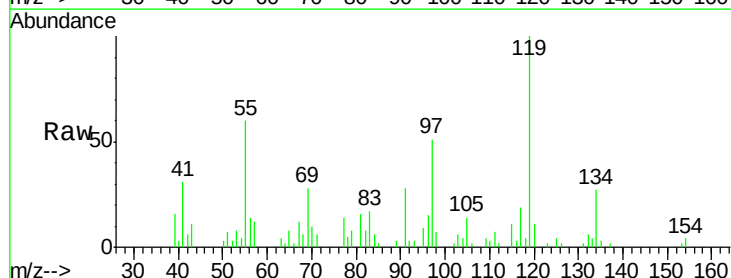
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

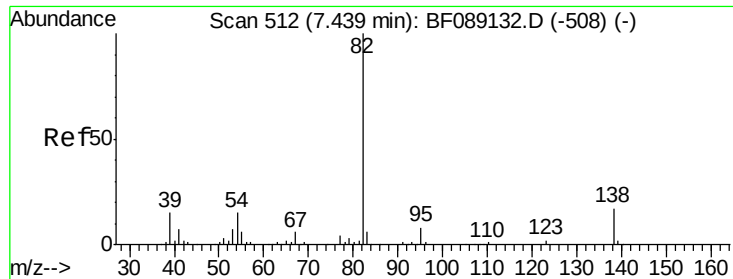
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.0	49.6
54	49.9	39.0	58.4



#24
 Nitrobenzene
 Concen: 4.47 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.06 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	11.8	38.9	58.3#
65	60.4	10.6	15.8#





#25

Isophorone

Concen: 8.81 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.08 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

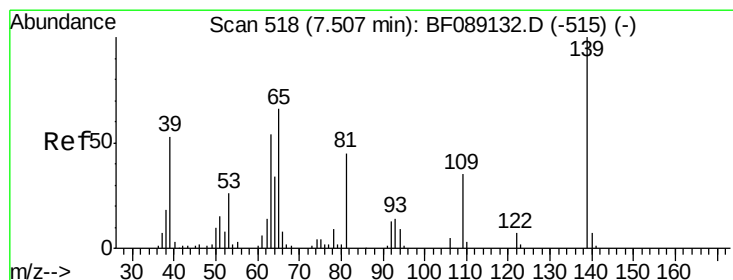
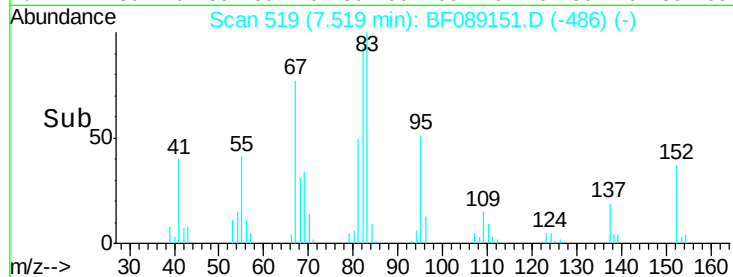
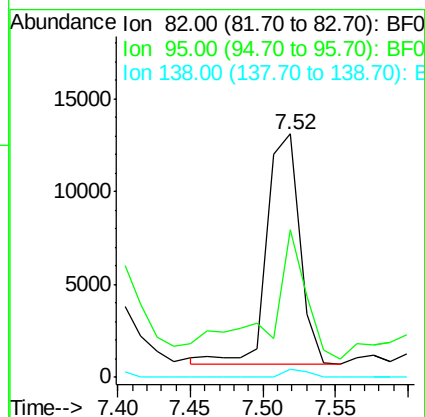
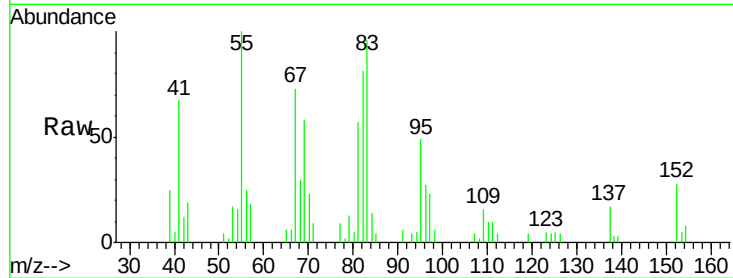
Tgt Ion: 82 Resp: 19589

Ion Ratio Lower Upper

82 100

95 60.6 6.1 9.1#

138 3.3 13.6 20.4#



#26

2-Nitrophenol

Concen: 1.43 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.02 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

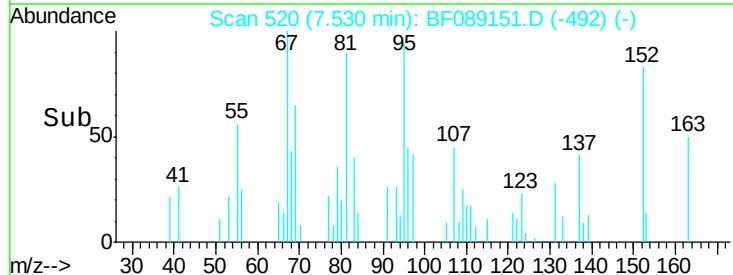
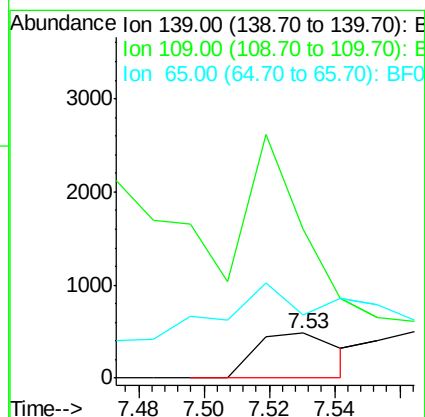
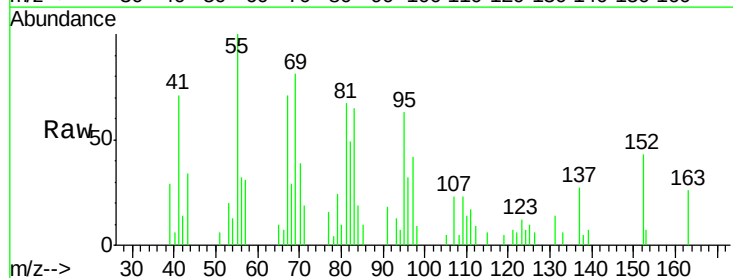
Tgt Ion: 139 Resp: 851

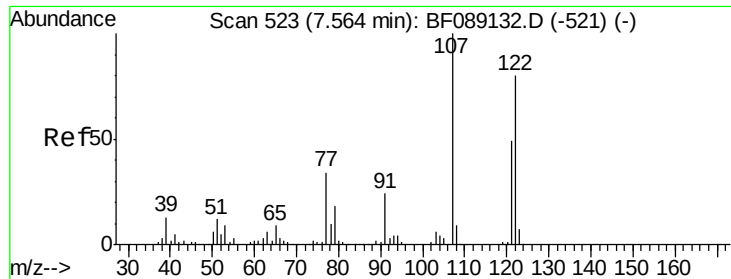
Ion Ratio Lower Upper

139 100

109 331.8 28.1 42.1#

65 141.6 52.7 79.1#

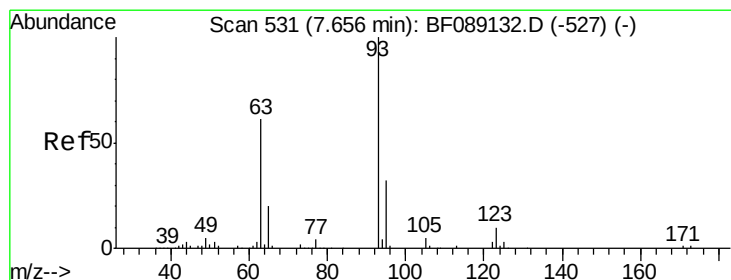
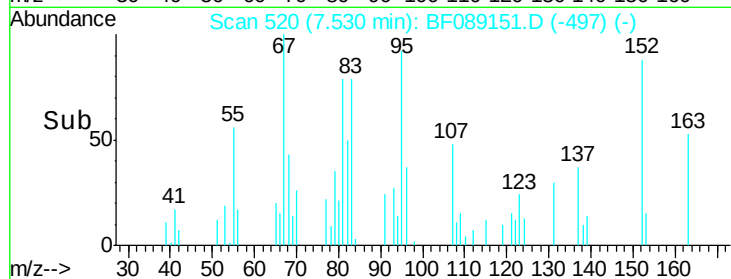
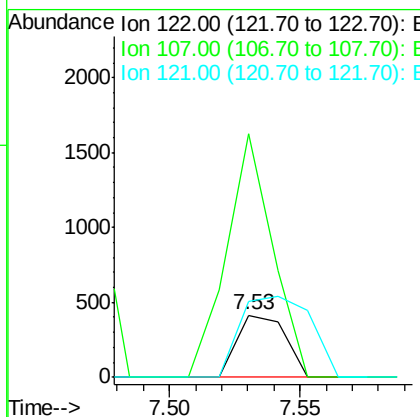
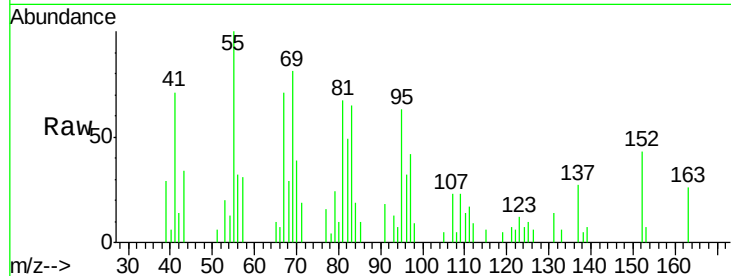




#27
 2,4-Dimethylphenol
 Concen: 0.54 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

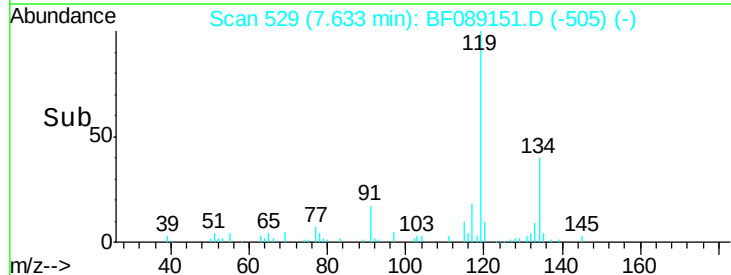
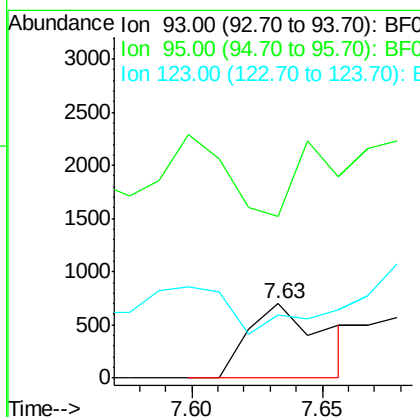
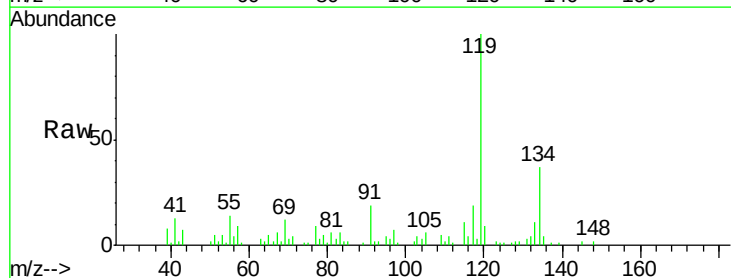
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

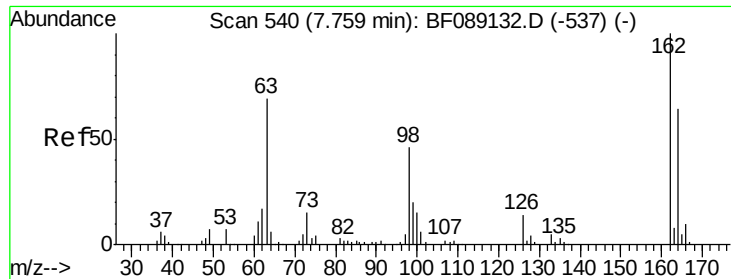
Tgt Ion:122 Resp: 538
 Ion Ratio Lower Upper
 122 100
 107 392.5 99.7 149.5#
 121 122.2 48.5 72.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.01 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion: 93 Resp: 1411
 Ion Ratio Lower Upper
 93 100
 95 217.2 25.4 38.0#
 123 85.0 8.3 12.5#

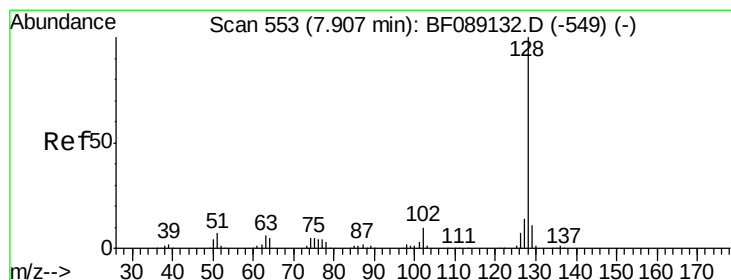
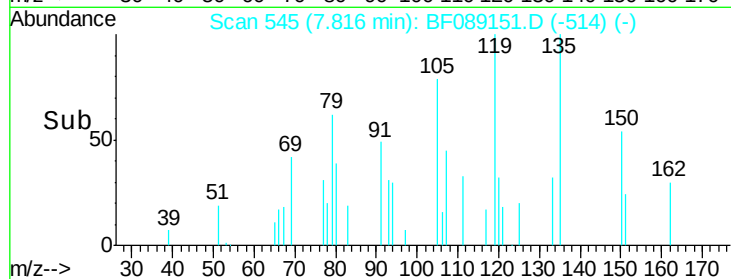
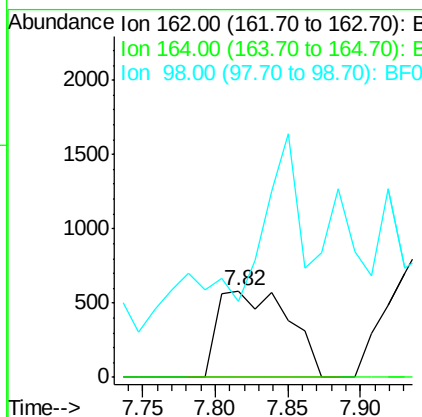
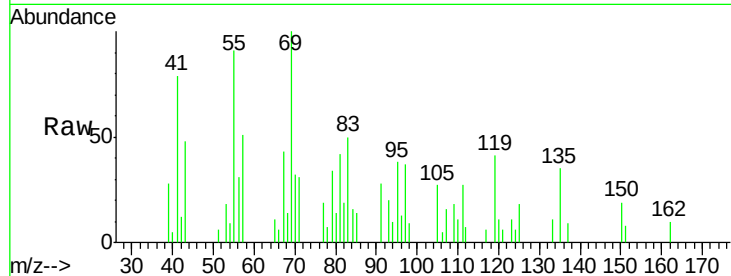




#29
2,4-Dichlorophenol
Concen: 2.19 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.06 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

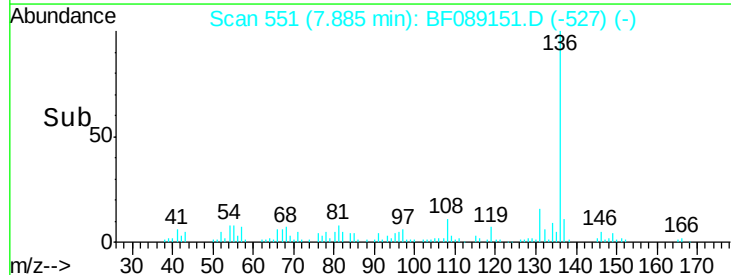
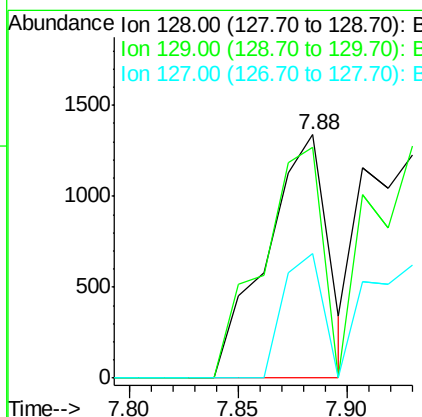
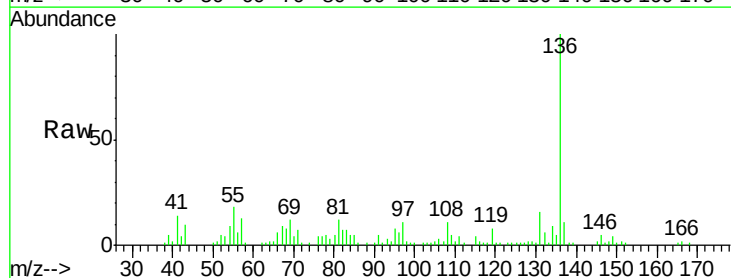
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

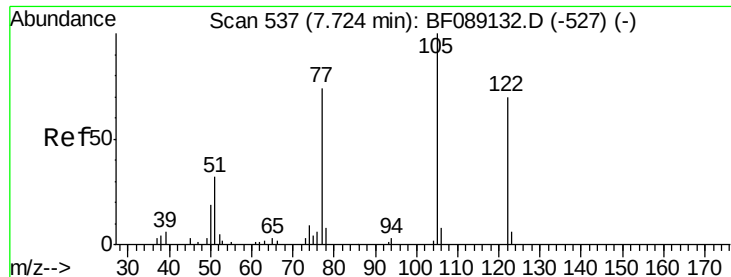
Tgt Ion:162 Resp: 1972
Ion Ratio Lower Upper
162 100
164 0.0 44.0 84.0#
98 88.1 26.0 66.0#



#31
Naphthalene
Concen: 0.76 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:128 Resp: 2638
Ion Ratio Lower Upper
128 100
129 94.6 8.9 13.3#
127 51.3 10.8 16.2#





#32

Benzoic acid

Concen: 0.35 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.08 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

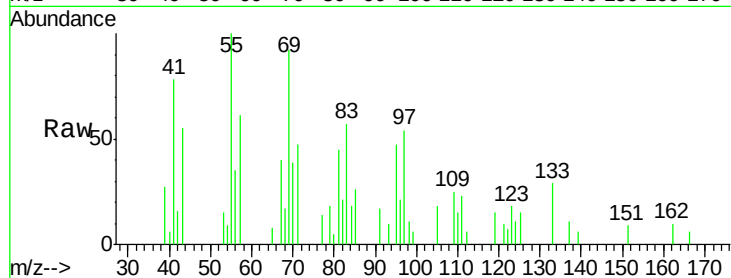
Tgt Ion:122 Resp: 272

Ion Ratio Lower Upper

122 100

105 268.0 119.0 159.0#

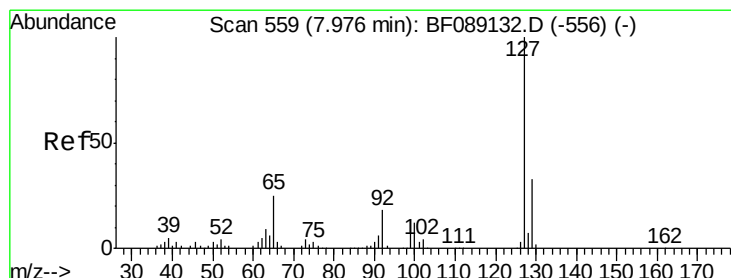
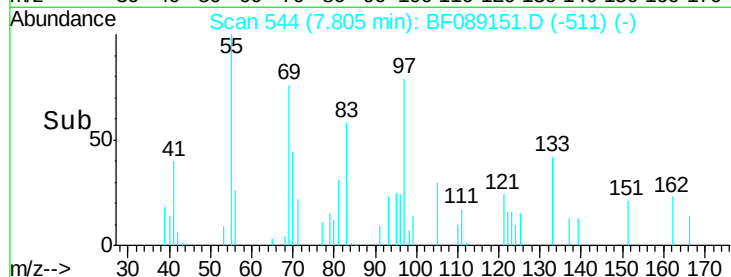
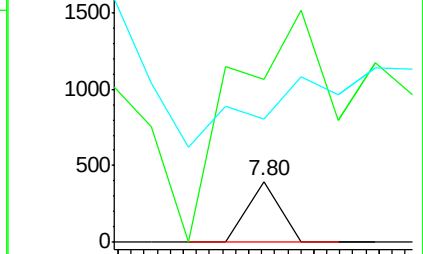
77 202.5 84.7 124.7#



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: 1.71 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Tgt Ion:127 Resp: 2491

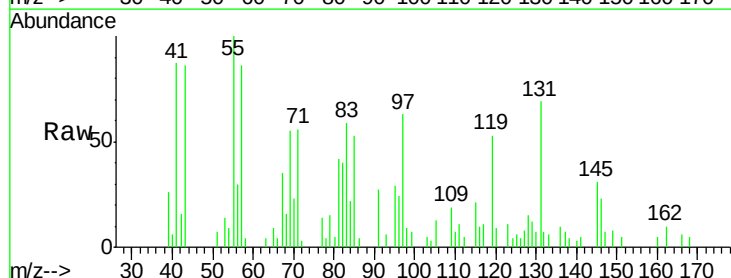
Ion Ratio Lower Upper

127 100

129 156.4 25.9 38.9#

65 113.4 19.7 29.5#

92 0.0 14.3 21.5#

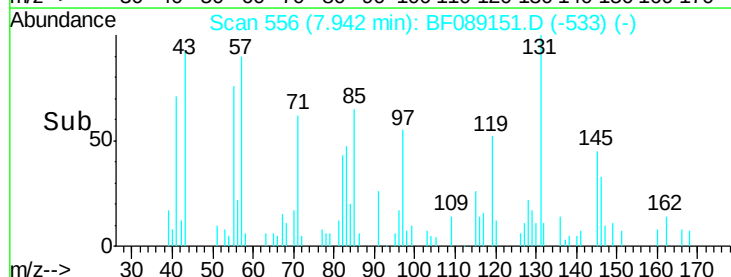
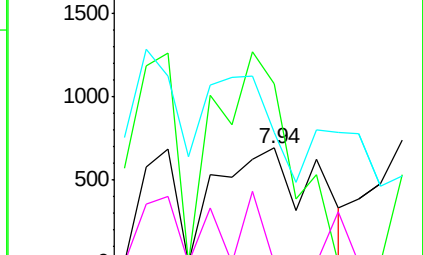


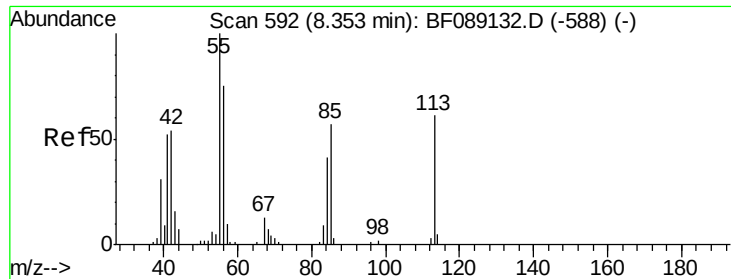
Abundance Ion 127.00 (126.70 to 127.70): E

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

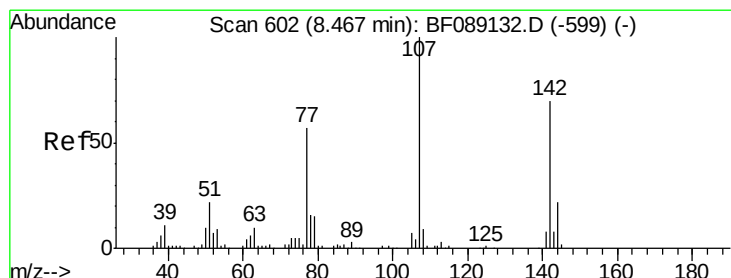
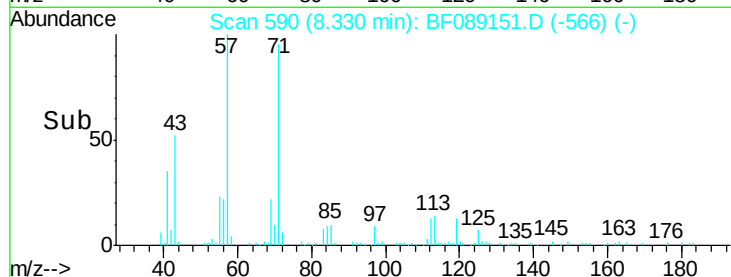
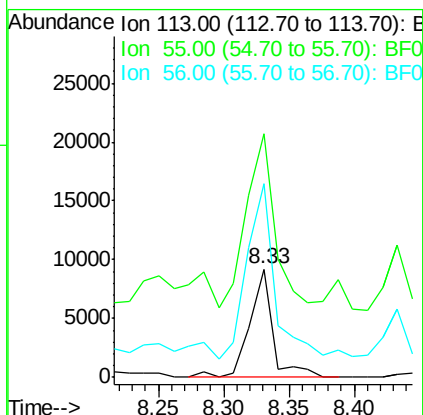
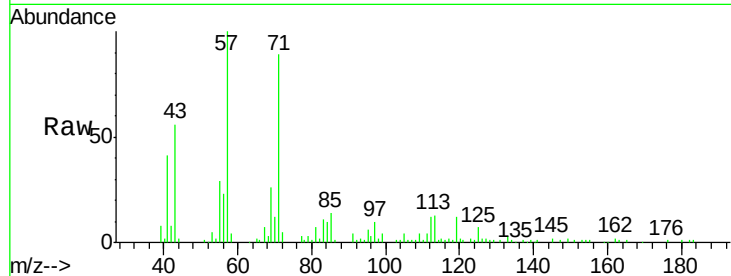




#35
 Caprolactam
 Concen: 40.11 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

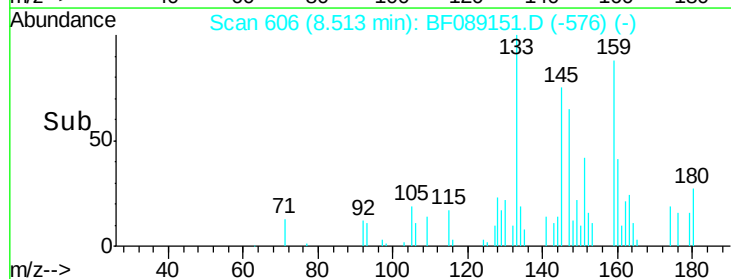
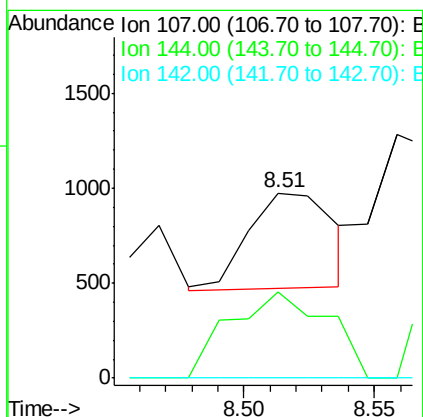
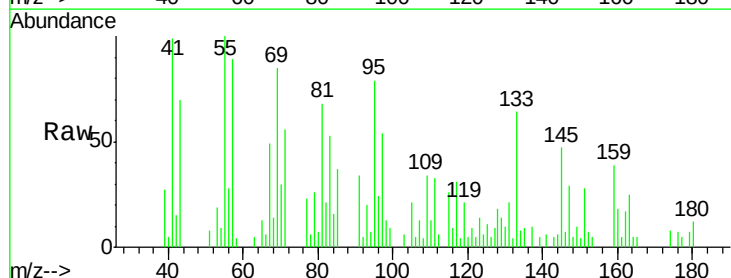
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

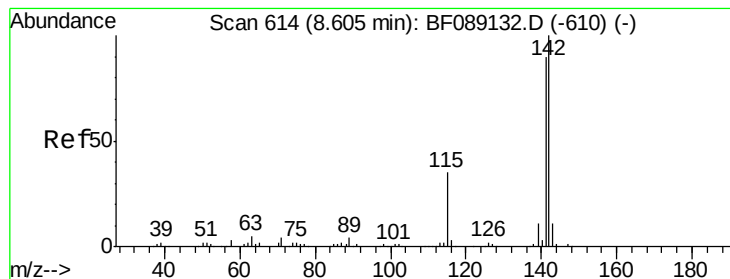
Tgt Ion:113 Resp: 11226
 Ion Ratio Lower Upper
 113 100
 55 224.9 145.3 185.3#
 56 178.4 104.3 144.3#



#36
 4-Chloro-3-methylphenol
 Concen: 1.05 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.05 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion:107 Resp: 1143
 Ion Ratio Lower Upper
 107 100
 144 46.8 17.8 26.6#
 142 0.0 56.1 84.1#





#37

2-Methylnaphthalene

Concen: 35.53 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

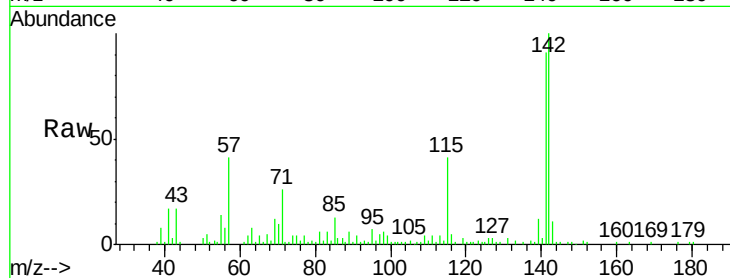
Tgt Ion:142 Resp: 78404

Ion Ratio Lower Upper

142 100

141 91.4 71.6 107.4

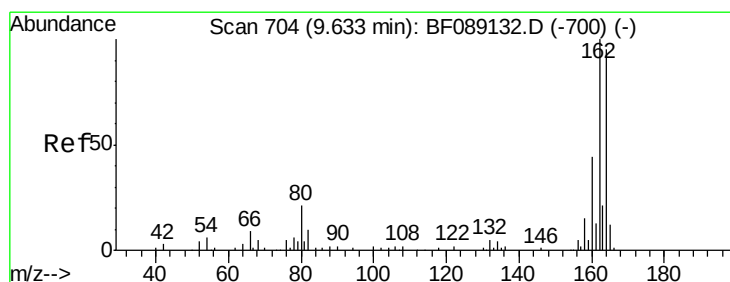
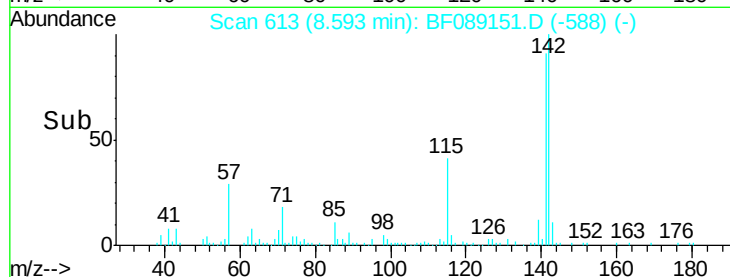
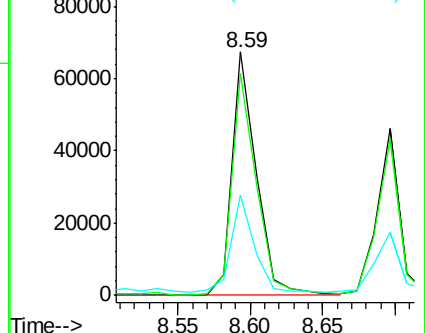
115 41.1 27.6 41.4



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: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

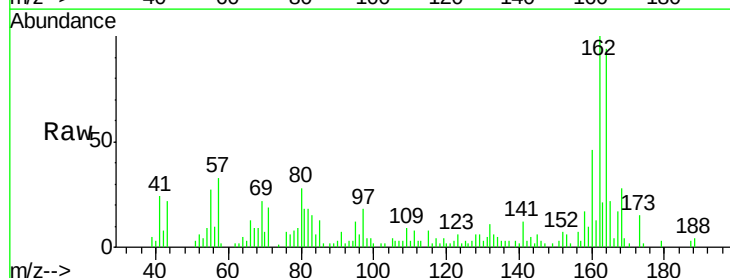
Tgt Ion:164 Resp: 29251

Ion Ratio Lower Upper

164 100

162 106.2 84.1 126.1

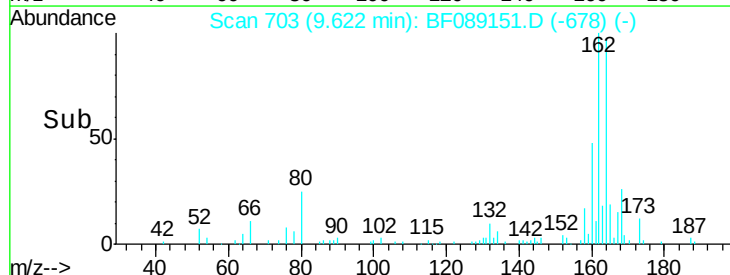
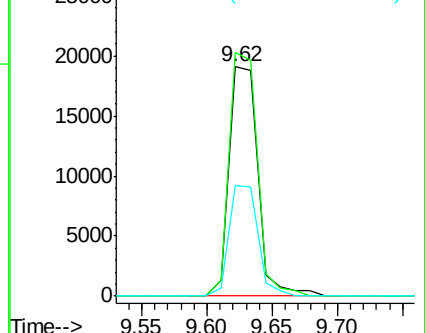
160 48.4 37.1 55.7

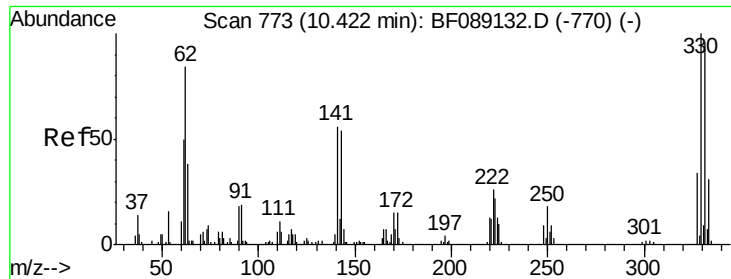


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

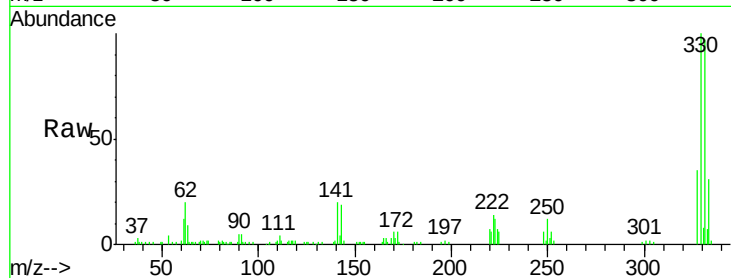




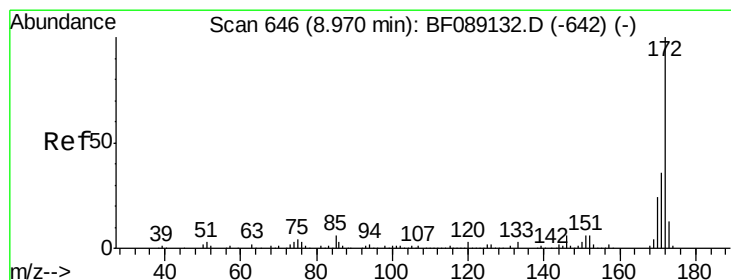
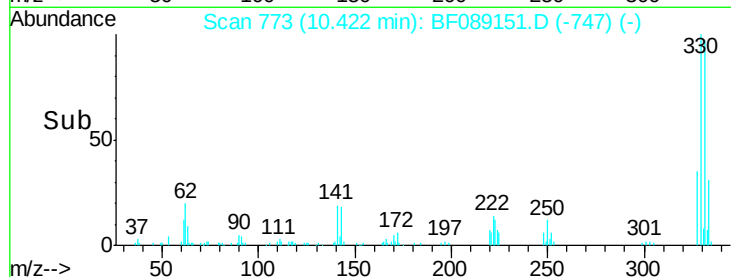
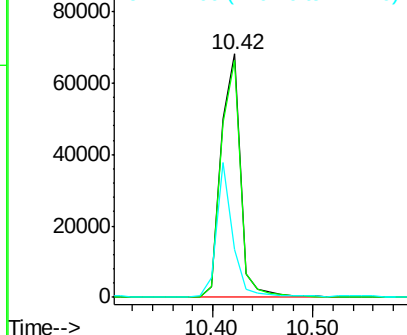
#41
 2,4,6-Tribromophenol
 Concen: 347.18 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Tgt Ion:330 Resp: 91431
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 46.8 42.2 63.2

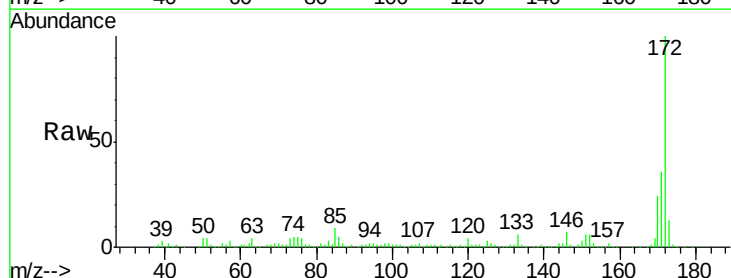


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

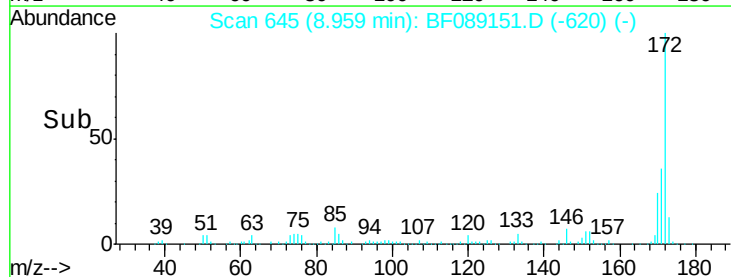
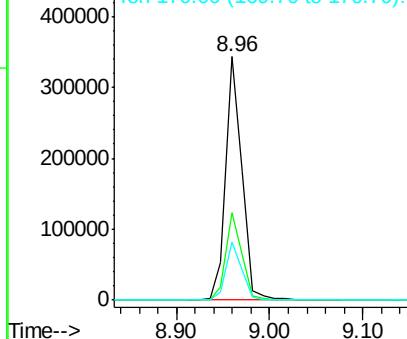


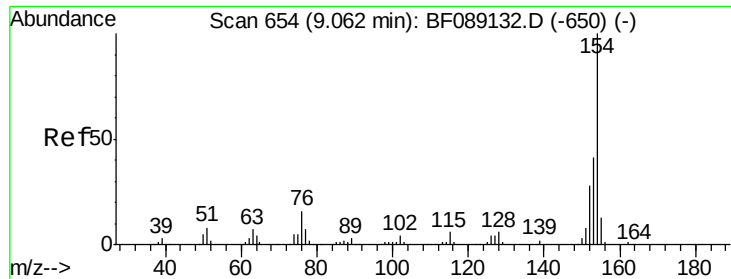
#44
 2-Fluorobiphenyl
 Concen: 196.47 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion:172 Resp: 417096
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#45

1,1'-Biphenyl

Concen: 0.41 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.10 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

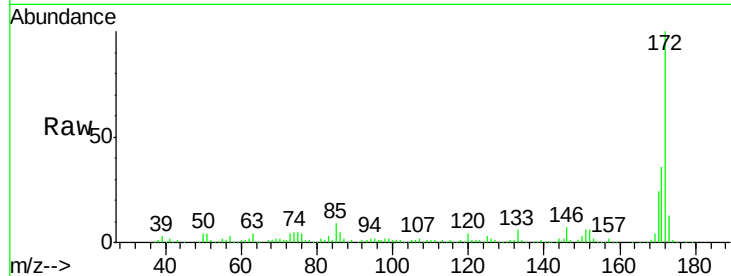
Tgt Ion:154 Resp: 1073

Ion Ratio Lower Upper

154 100

153 818.6 21.1 61.1#

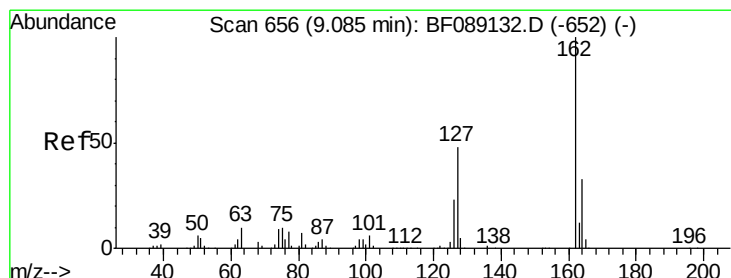
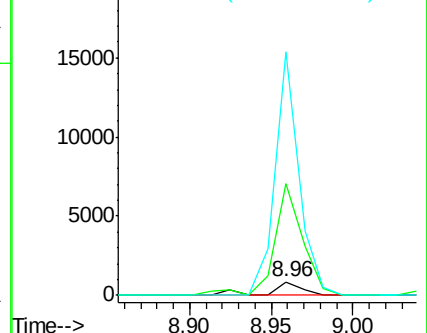
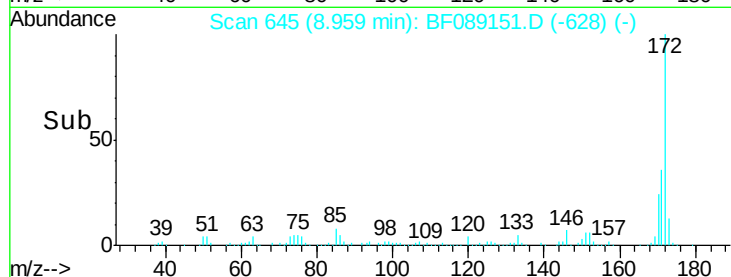
76 1780.1 0.0 35.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 0.28 ng

RT: 9.13 min Scan# 660

Delta R.T. 0.05 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

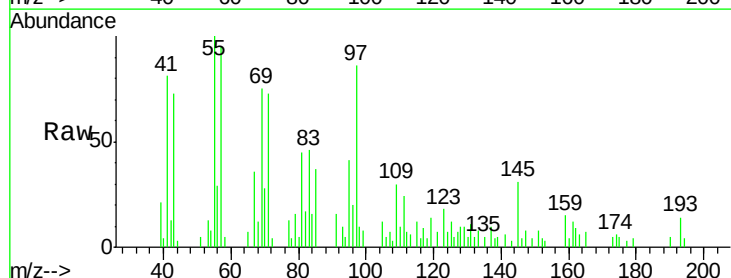
Tgt Ion:162 Resp: 566

Ion Ratio Lower Upper

162 100

127 81.0 38.1 57.1#

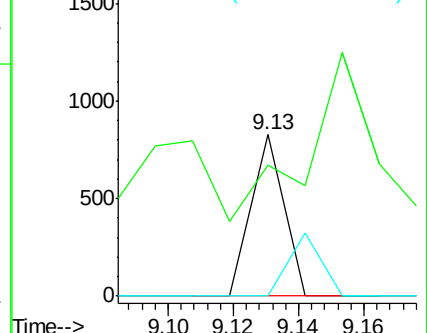
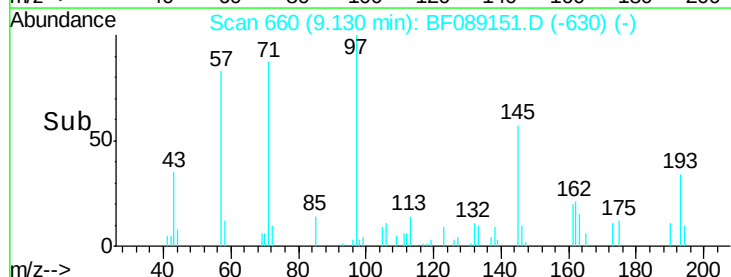
164 0.0 26.1 39.1#

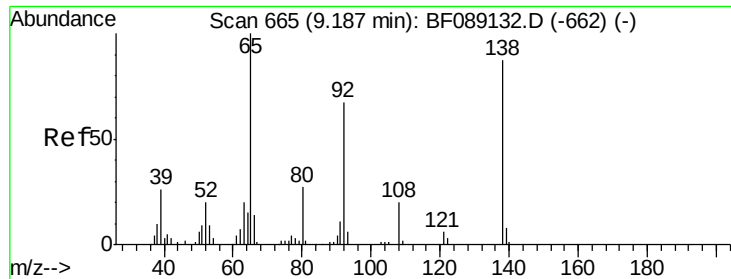


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

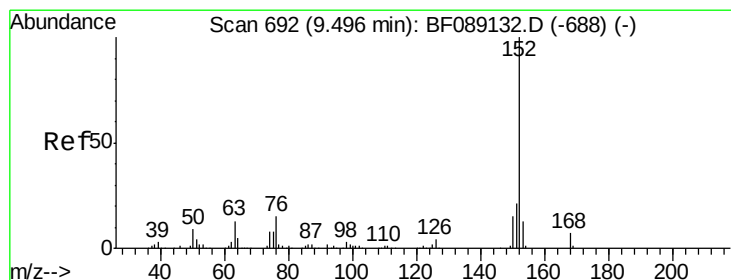
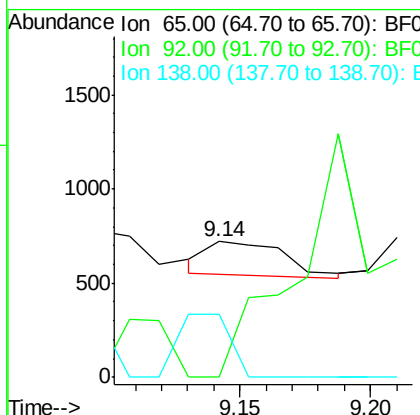
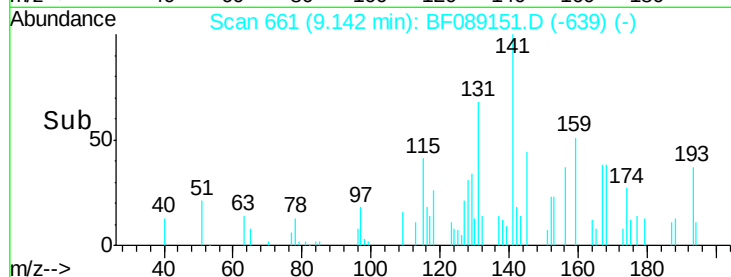
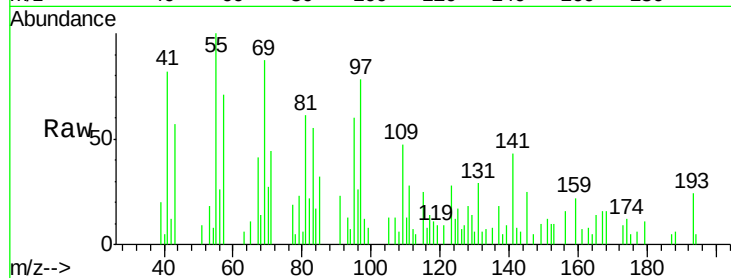




#47
2-Nitroaniline
Concen: 0.53 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

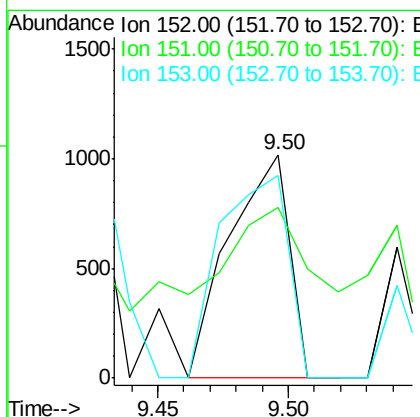
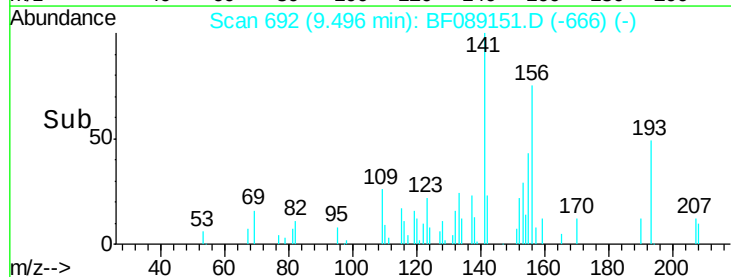
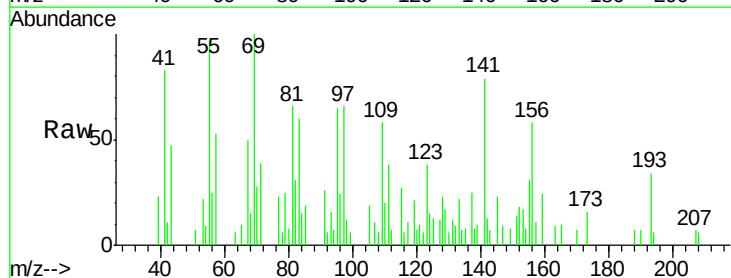
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

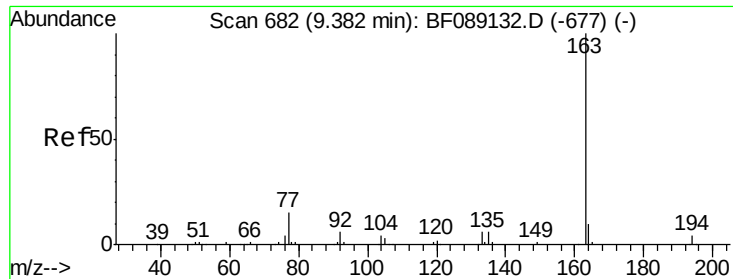
Tgt Ion: 65 Resp: 363
Ion Ratio Lower Upper
65 100
92 0.0 53.2 79.8#
138 46.8 69.4 104.2#



#48
Acenaphthylene
Concen: 0.52 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion: 152 Resp: 1638
Ion Ratio Lower Upper
152 100
151 76.4 16.5 24.7#
153 90.5 10.7 16.1#





#49

Dimethylphthalate

Concen: 48.74 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

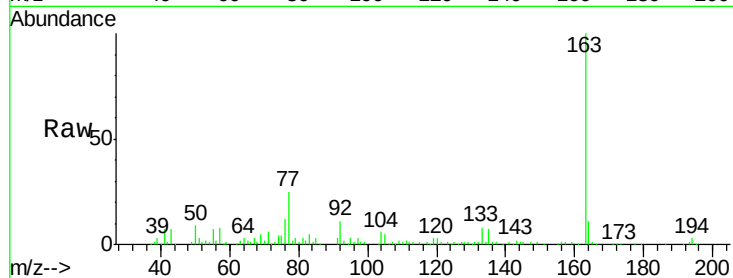
Tgt Ion:163 Resp: 109397

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

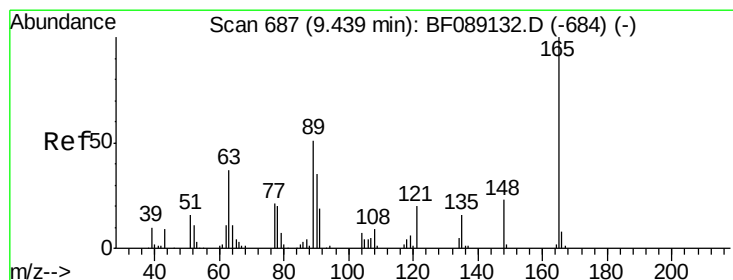
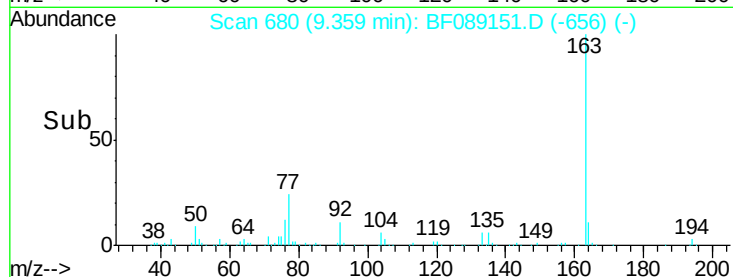
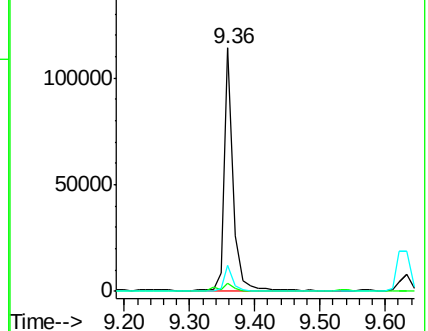
164 10.7 7.6 11.4



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: 2.04 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.06 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

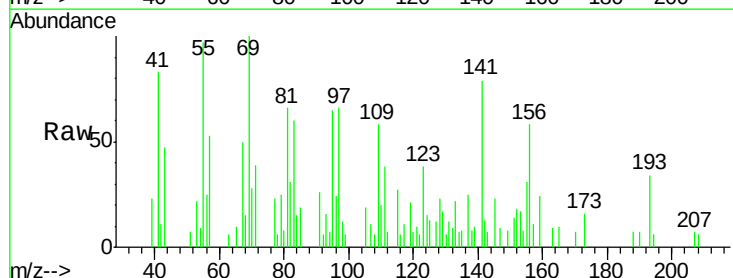
Tgt Ion:165 Resp: 1035

Ion Ratio Lower Upper

165 100

63 56.4 37.0 55.4#

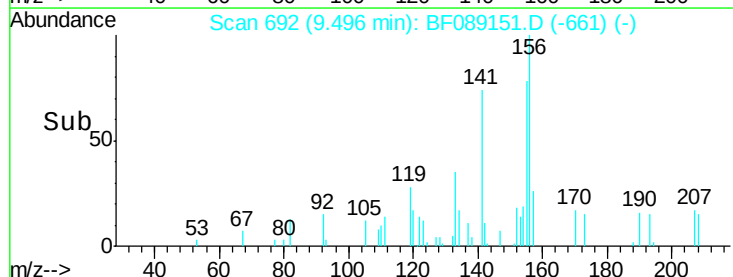
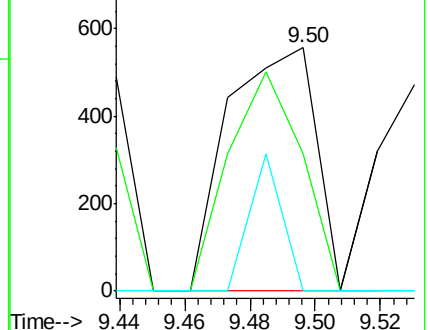
89 0.0 40.9 61.3#

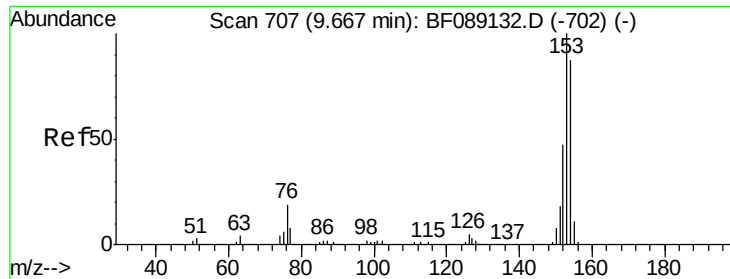


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.34 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

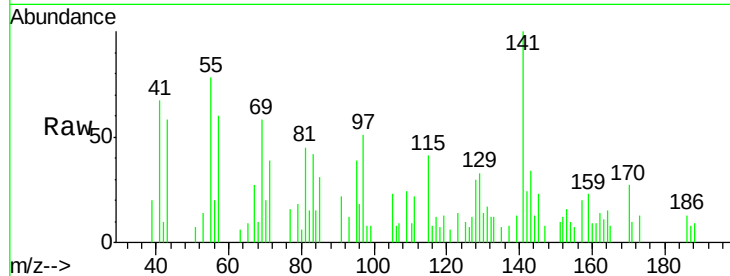
Tgt Ion:154 Resp: 624

Ion Ratio Lower Upper

154 100

153 157.4 91.9 137.9#

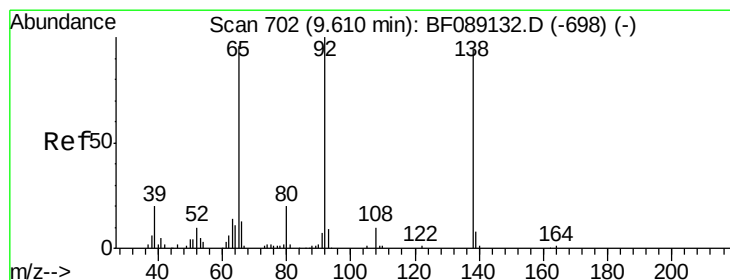
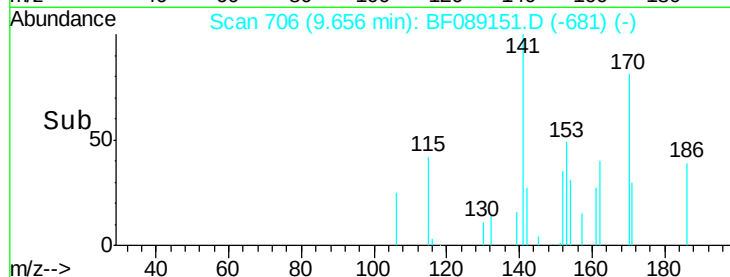
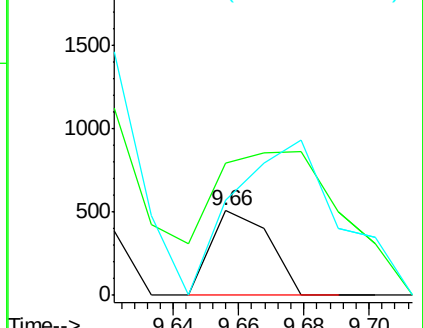
152 113.3 42.8 64.2#



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: 0.41 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

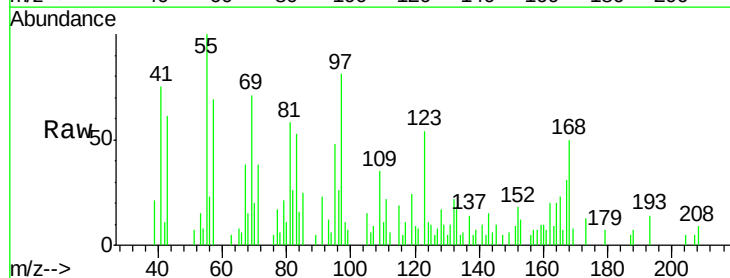
Tgt Ion:138 Resp: 248

Ion Ratio Lower Upper

138 100

108 0.0 8.8 13.2#

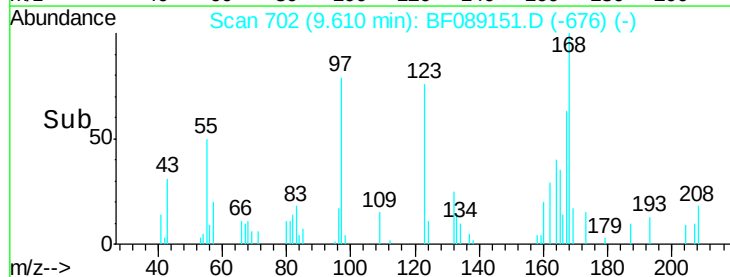
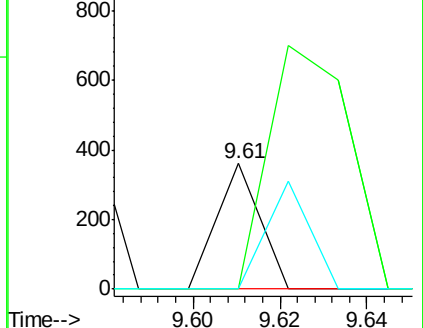
92 0.0 85.3 127.9#

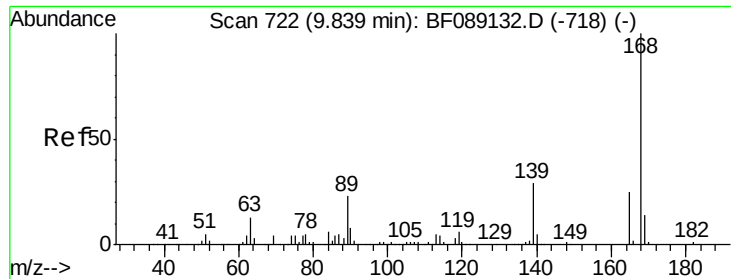


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

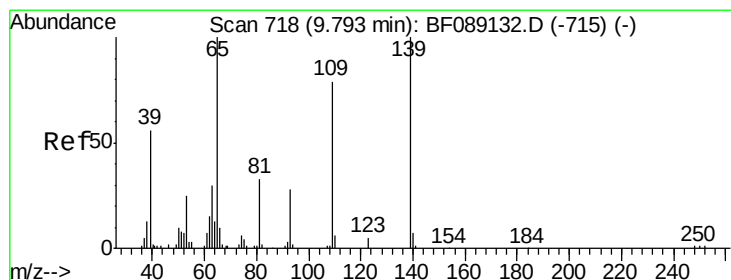
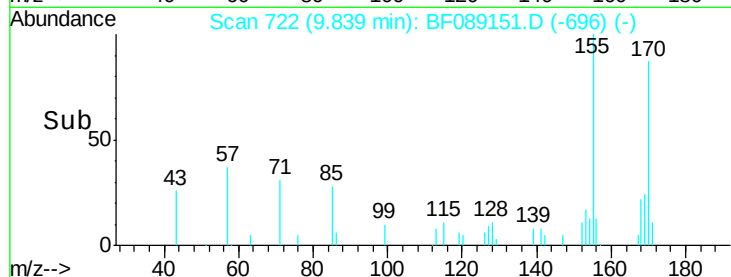
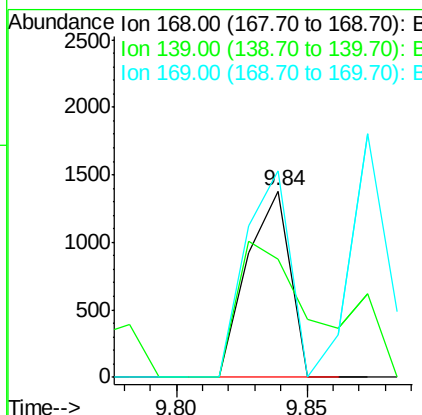
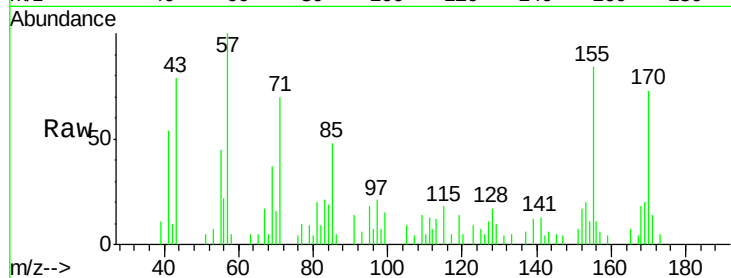




#54
Dibenzenofuran
Concen: 0.63 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

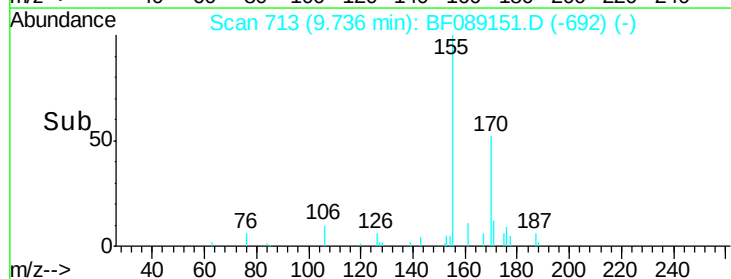
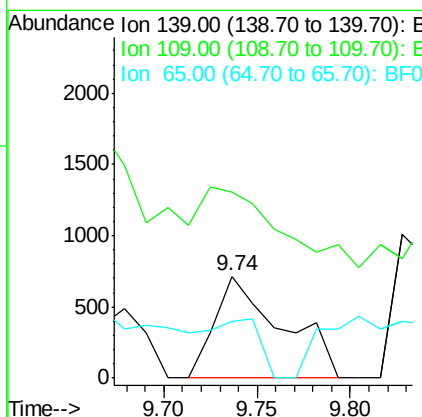
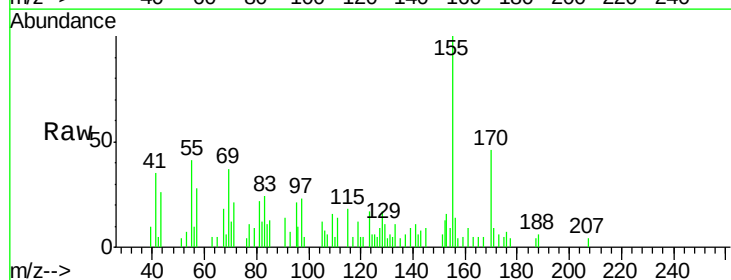
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

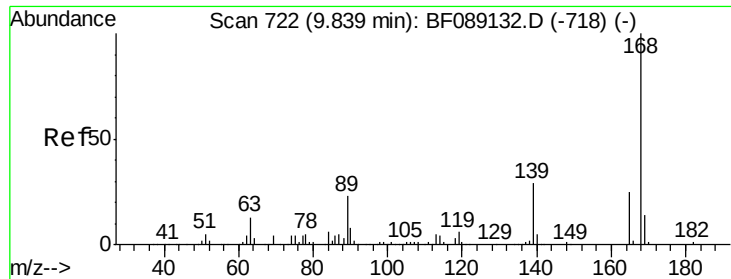
Tgt Ion:168 Resp: 1582
Ion Ratio Lower Upper
168 100
139 63.2 34.4 51.6#
169 110.5 10.8 16.2#



#55
4-Nitrophenol
Concen: 4.93 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.06 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:139 Resp: 1794
Ion Ratio Lower Upper
139 100
109 183.1 58.7 98.7#
65 55.5 80.2 120.2#

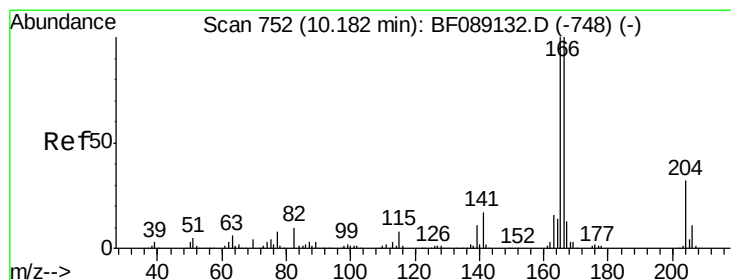
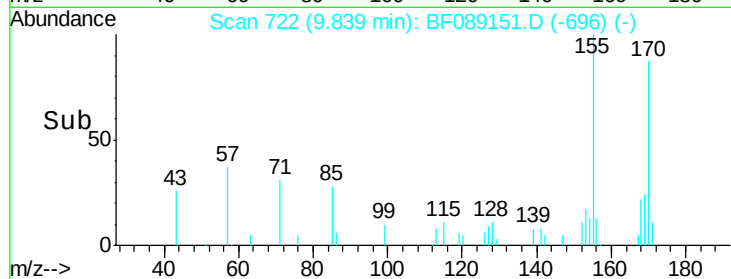
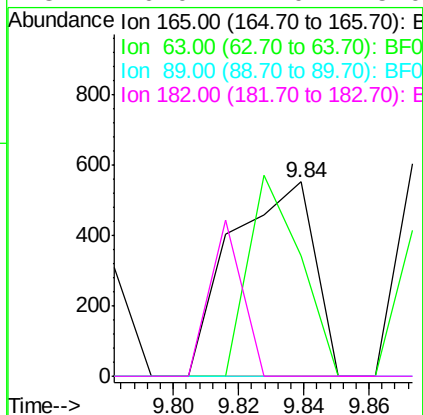
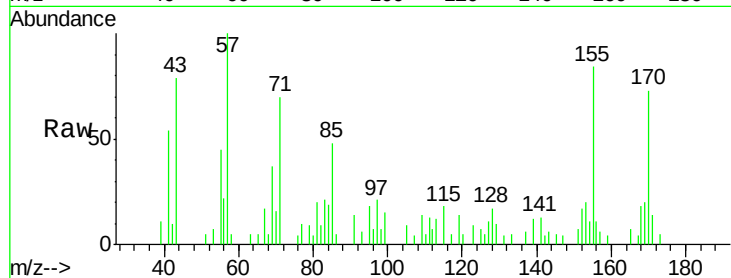




#56
2,4-Dinitrotoluene
Concen: 1.48 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

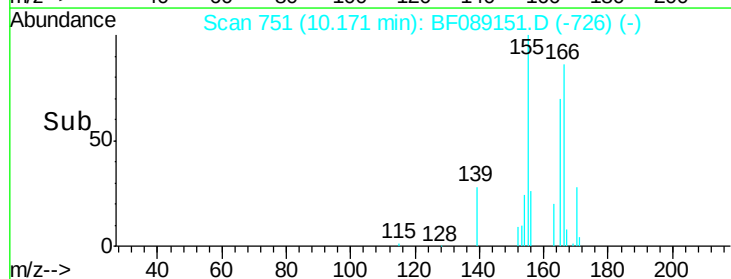
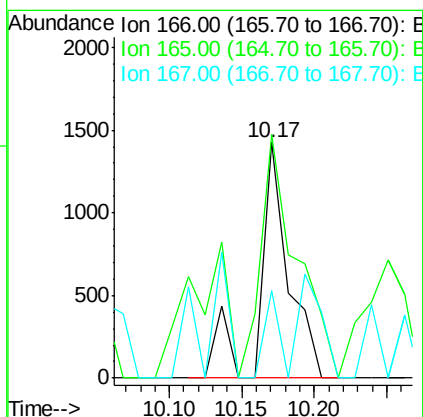
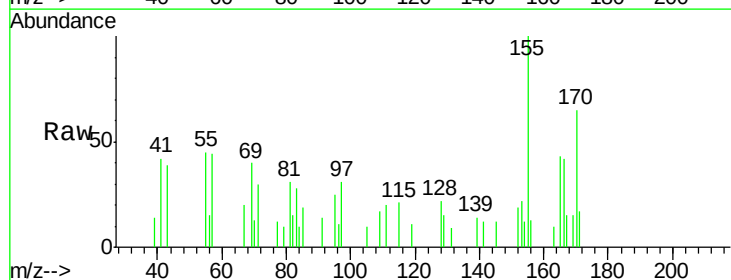
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

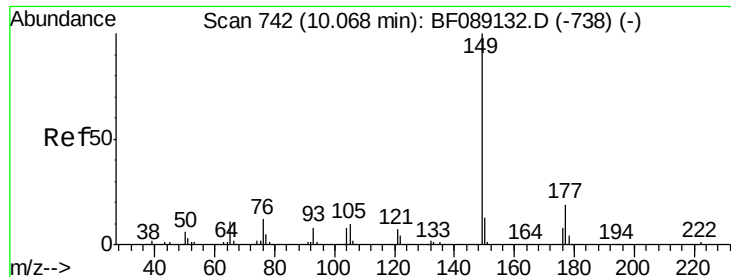
Tgt Ion:165 Resp: 968
Ion Ratio Lower Upper
165 100
63 62.1 55.4 83.2
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 0.90 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:166 Resp: 1913
Ion Ratio Lower Upper
166 100
165 103.3 79.9 119.9
167 37.0 10.7 16.1#

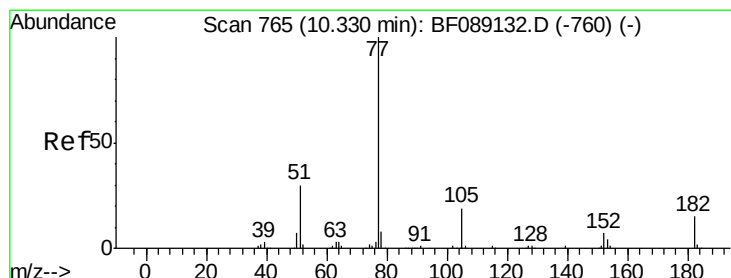
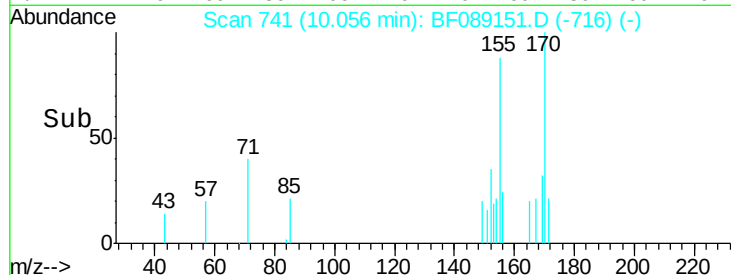
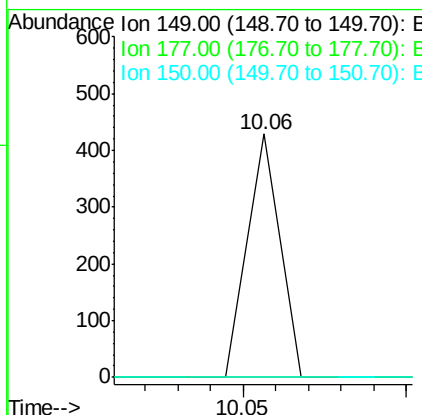
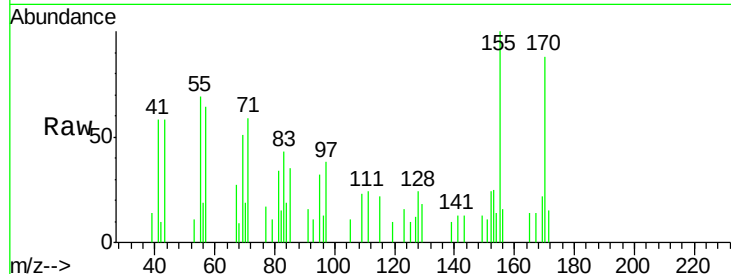




#59
Diethylphthalate
Concen: 0.13 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

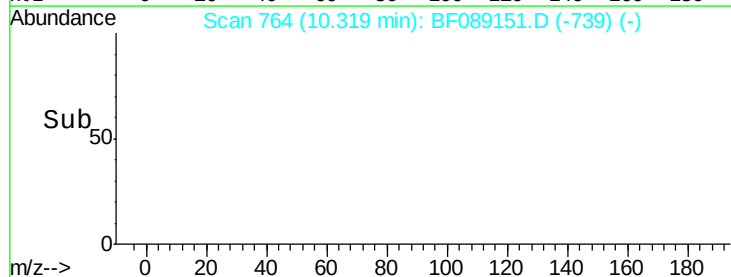
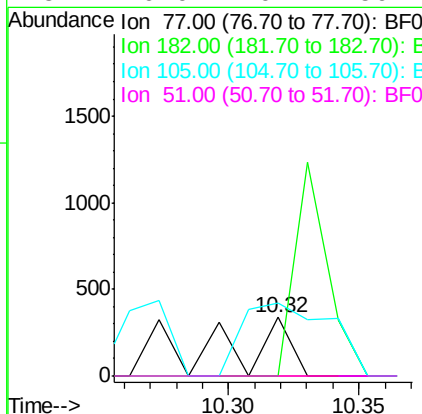
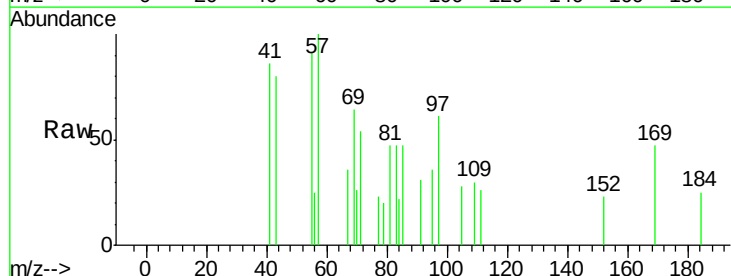
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

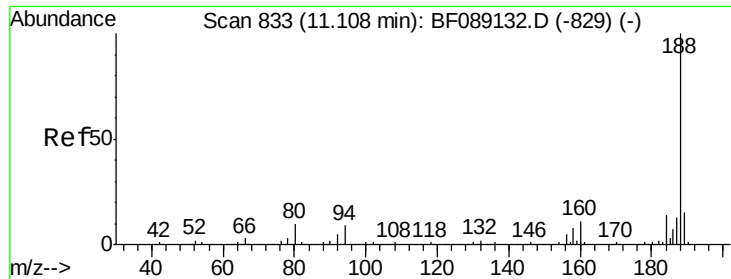
Tgt Ion: 149 Resp: 294
Ion Ratio Lower Upper
149 100
177 0.0 15.6 23.4#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.18 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion: 77 Resp: 444
Ion Ratio Lower Upper
77 100
182 0.0 0.0 35.0
105 123.9 0.0 39.4#
51 0.0 10.7 50.7#

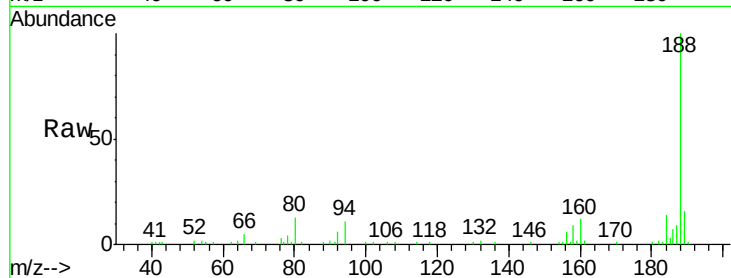




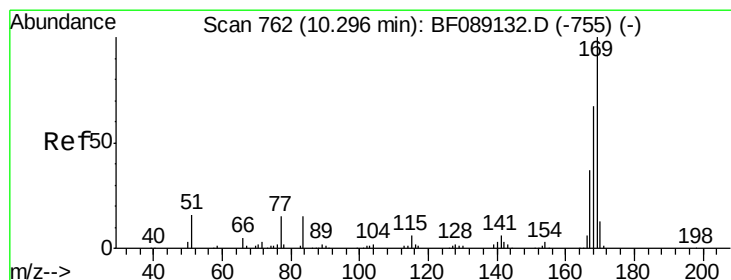
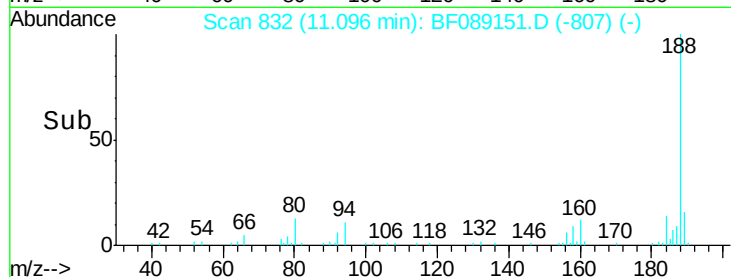
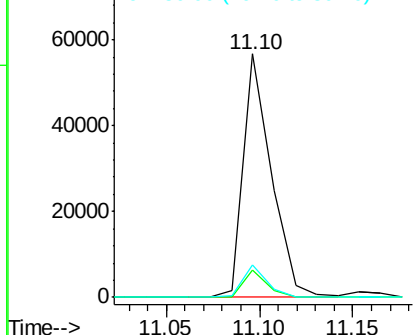
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

Tgt Ion:188 Resp: 59667
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 13.3 7.7 11.5#

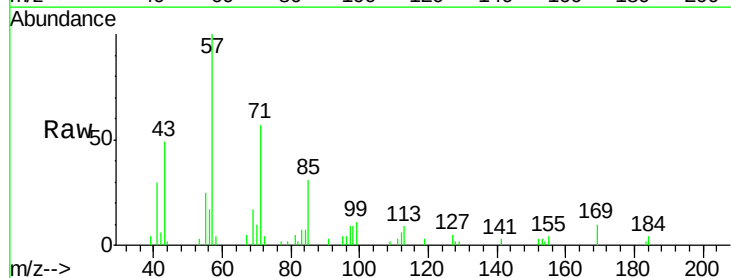


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

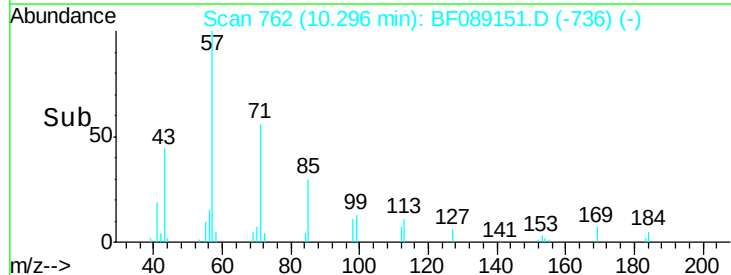
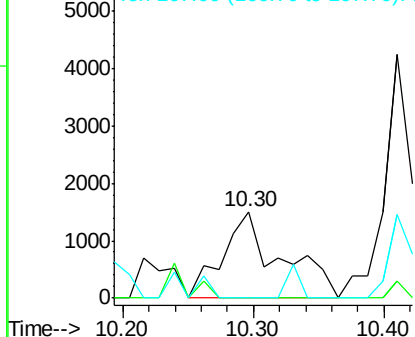


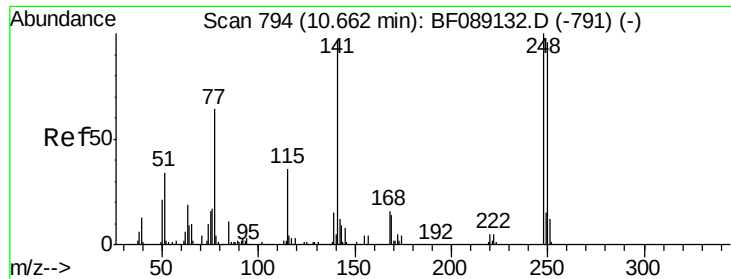
#65
n-Nitrosodiphenylamine
Concen: 2.33 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion:169 Resp: 4646
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.0#
167 0.0 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 11.38 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

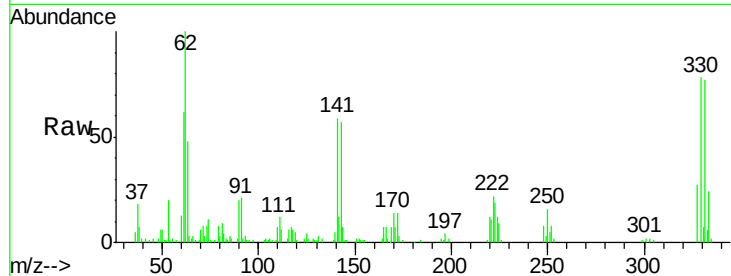
Tgt Ion:248 Resp: 6717

Ion Ratio Lower Upper

248 100

250 196.9 76.9 115.3#

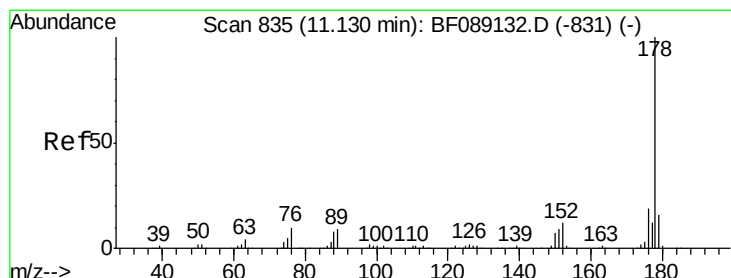
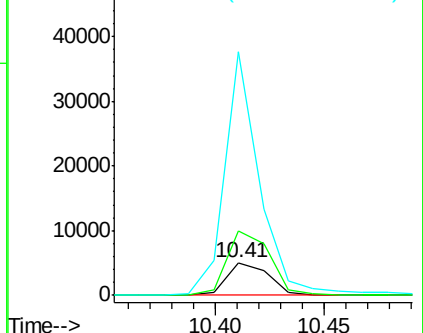
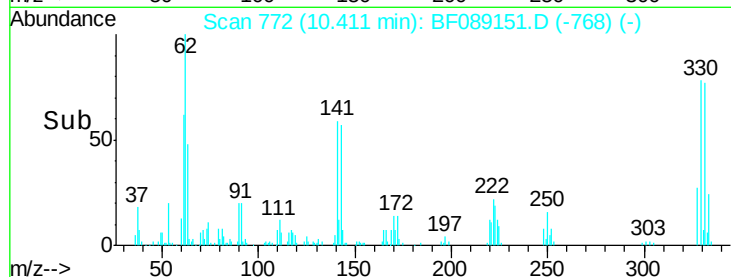
141 745.5 77.4 116.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 0.40 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

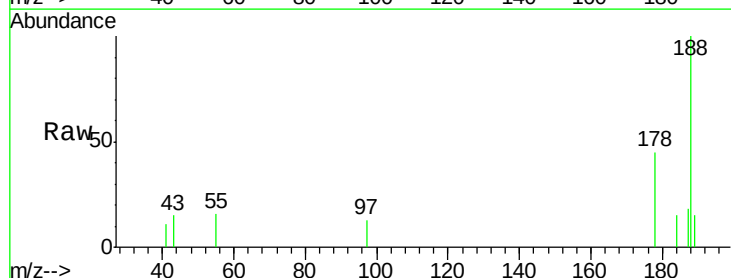
Tgt Ion:178 Resp: 1324

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

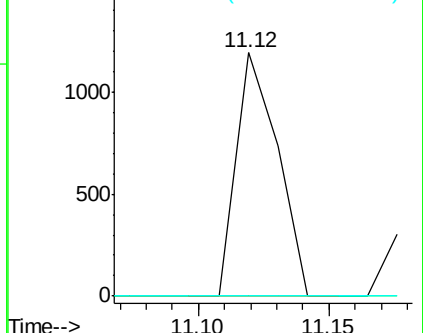
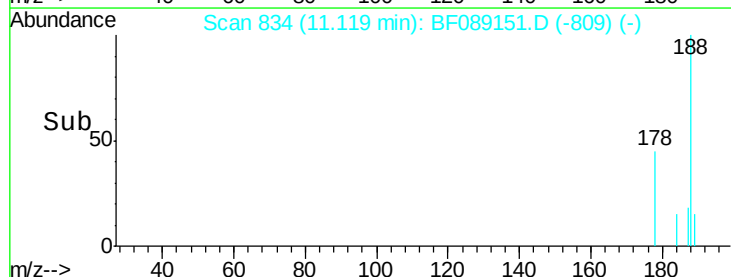
179 0.0 12.4 18.6#

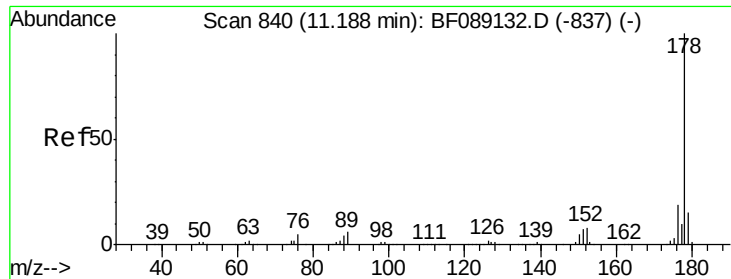


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

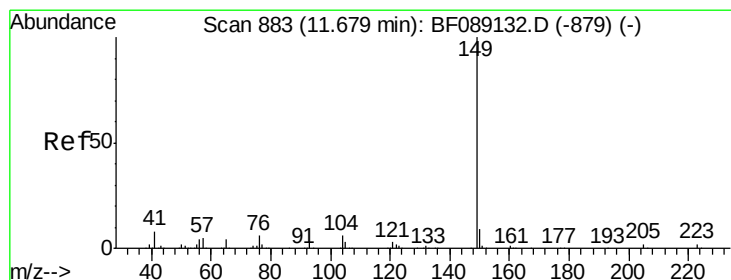
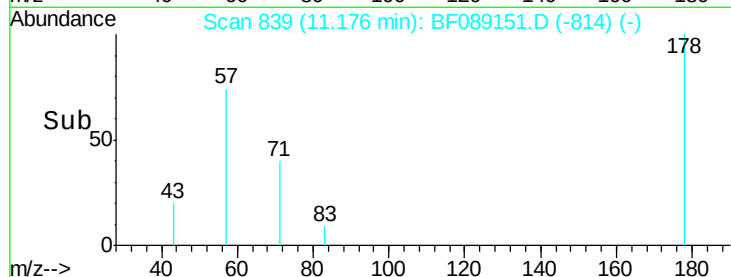
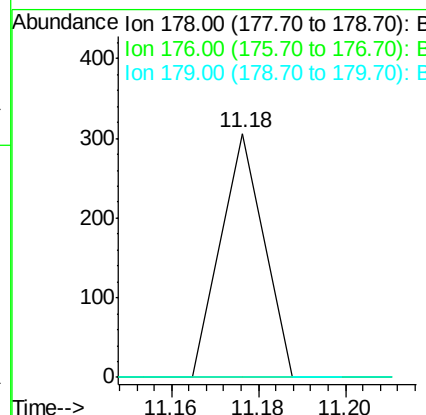
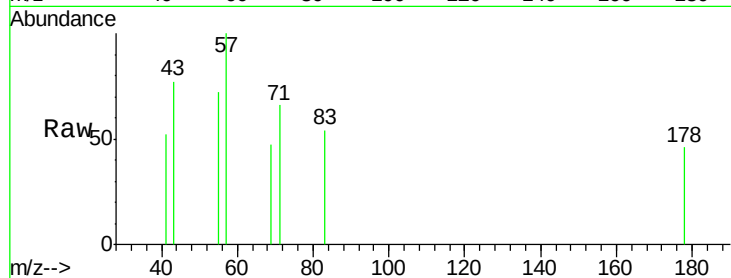




#71
 Anthracene
 Concen: 0.06 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

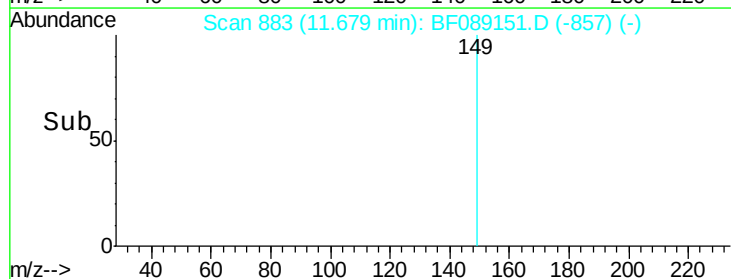
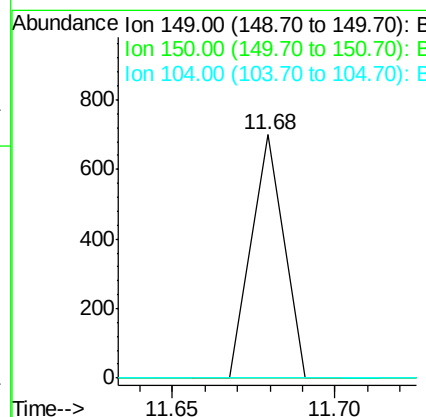
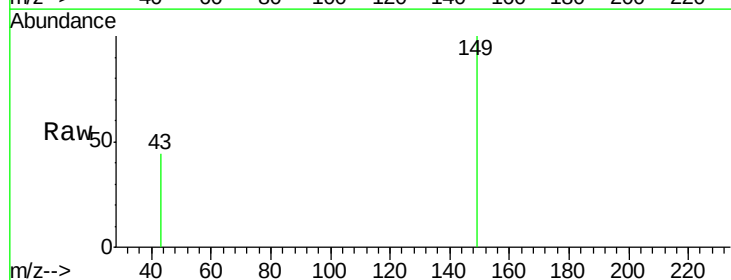
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

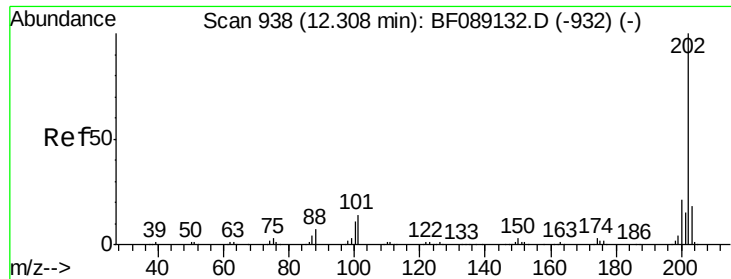
Tgt Ion:178 Resp: 210
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 12.0 18.0#



#73
 Di-n-butylphthalate
 Concen: 0.13 ng
 RT: 11.68 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion:149 Resp: 480
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.2#
 104 0.0 4.6 6.8#

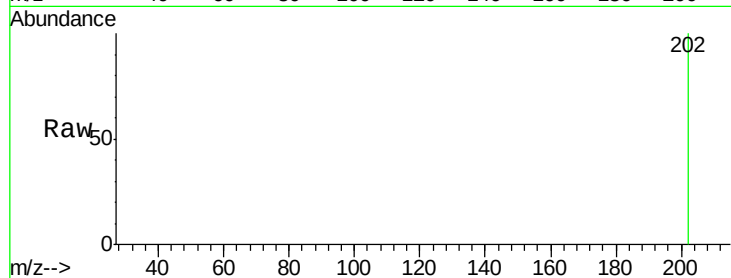




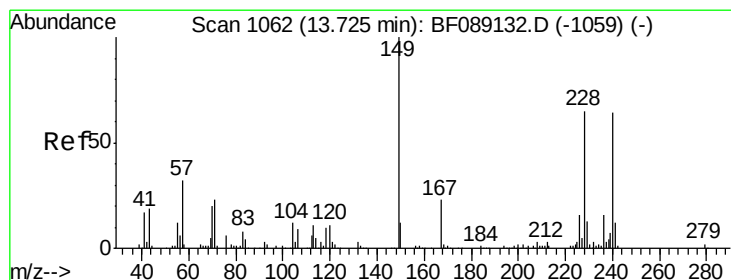
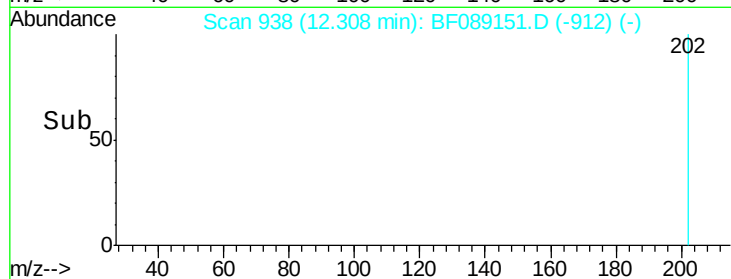
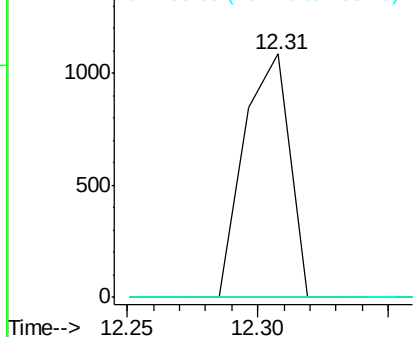
#74
 Fluoranthene
 Concen: 0.39 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.0
203	0.0	0.0	37.8

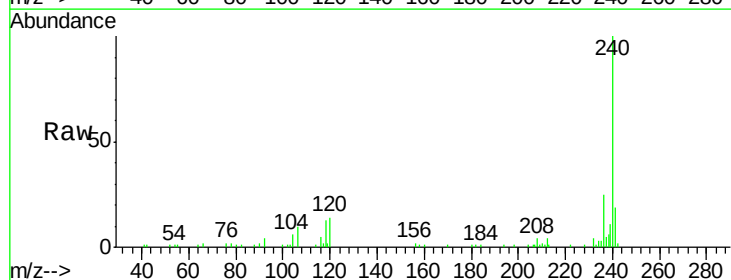


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

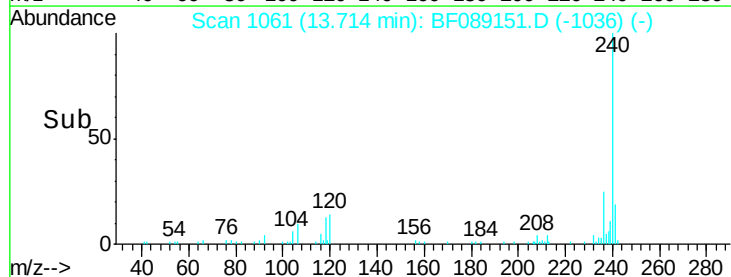
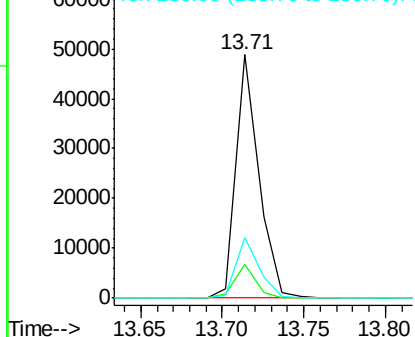


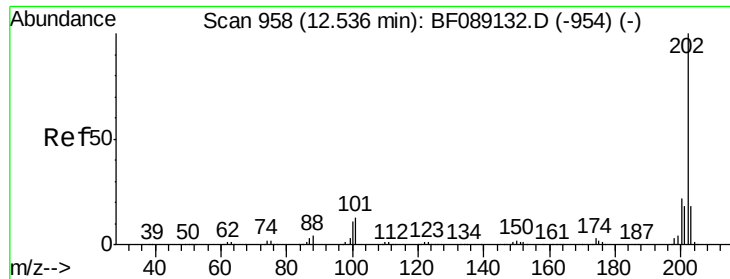
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.6	20.4
236	24.7	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

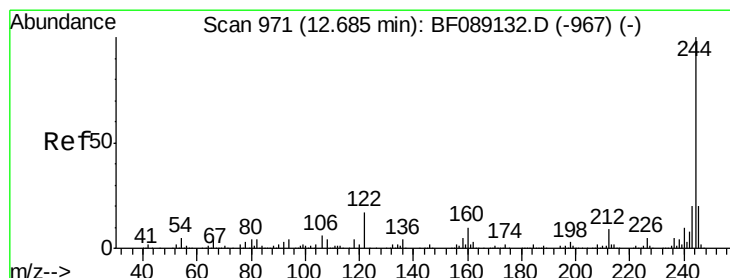
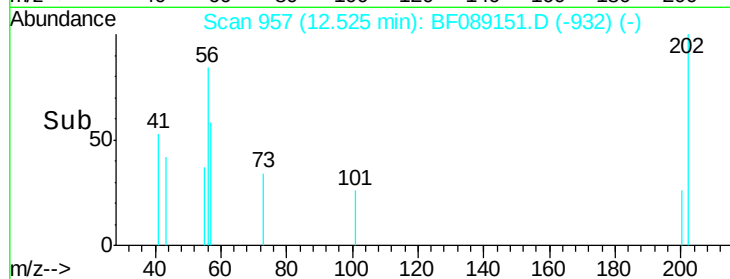
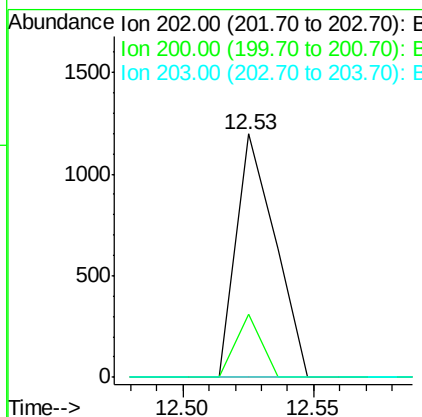
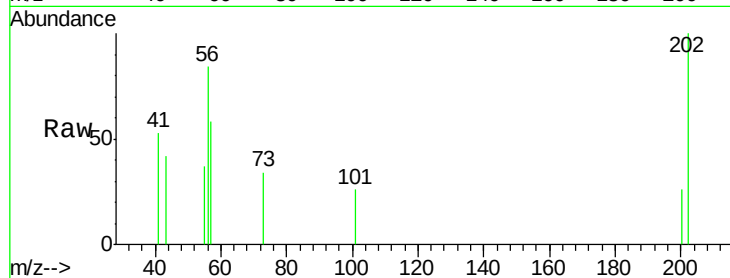




#77
 Pyrene
 Concen: 0.32 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

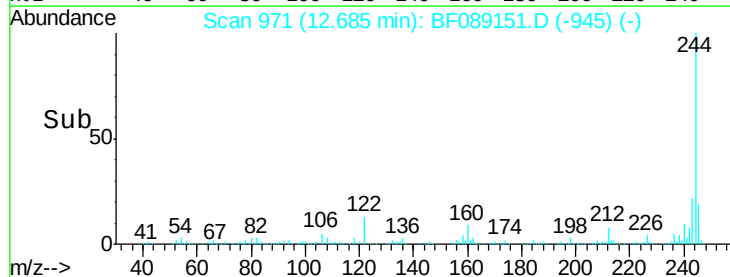
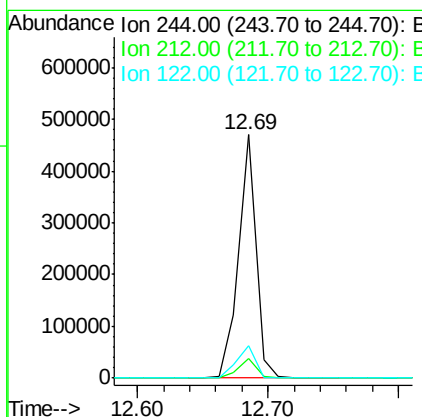
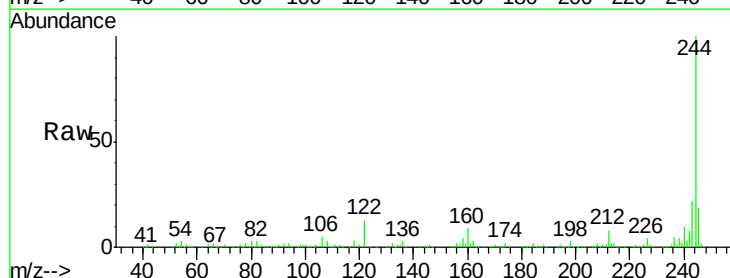
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

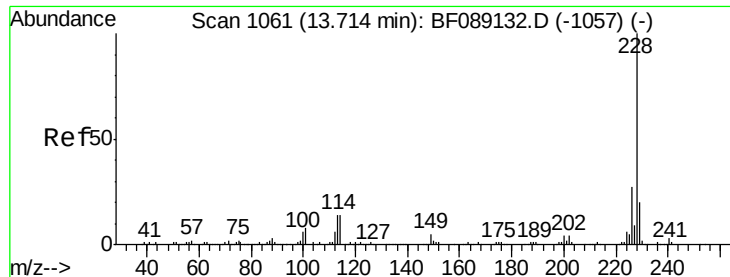
Tgt Ion: 202 Resp: 1254
 Ion Ratio Lower Upper
 202 100
 200 25.9 17.4 26.0
 203 0.0 14.2 21.2#



#78
 Terphenyl-d14
 Concen: 201.52 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion: 244 Resp: 436276
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.0 10.4
 122 13.3 13.8 20.8#





#80

Benzo(a)anthracene

Concen: 0.27 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0

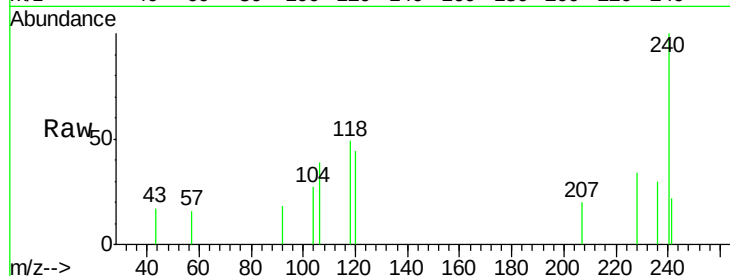
Tgt Ion:228 Resp: 800

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

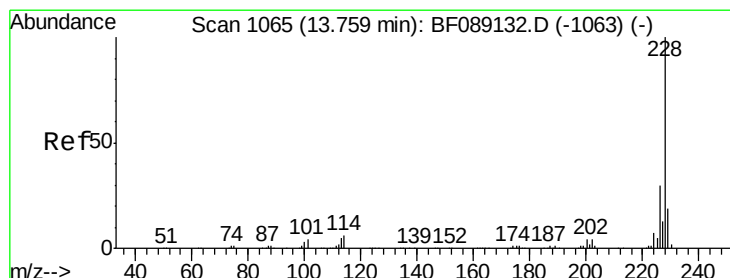
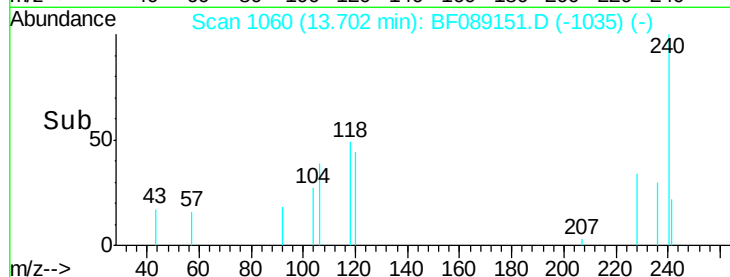
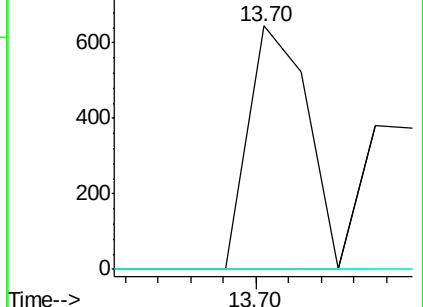
229 0.0 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.28 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF089151.D

Acq: 21 Jul 2016 00:52

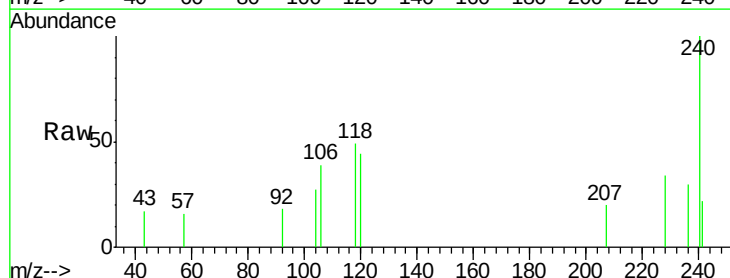
Tgt Ion:228 Resp: 800

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

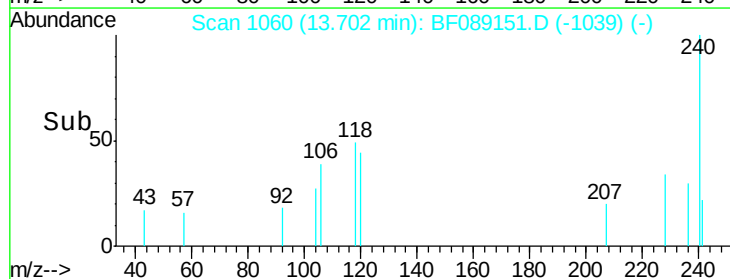
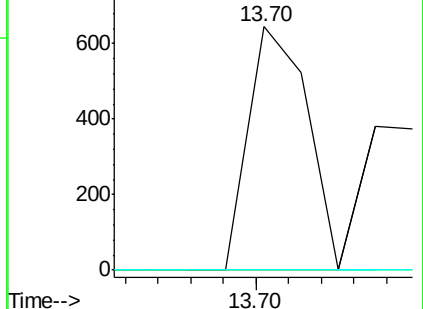
229 0.0 15.4 23.0#

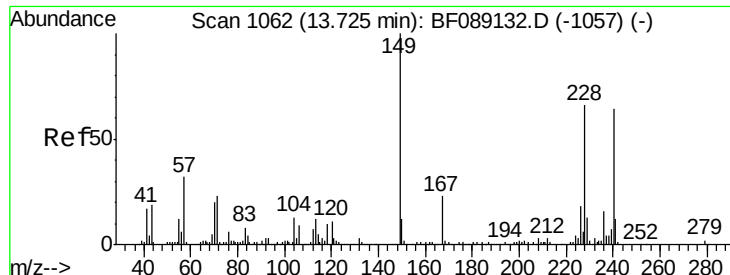


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

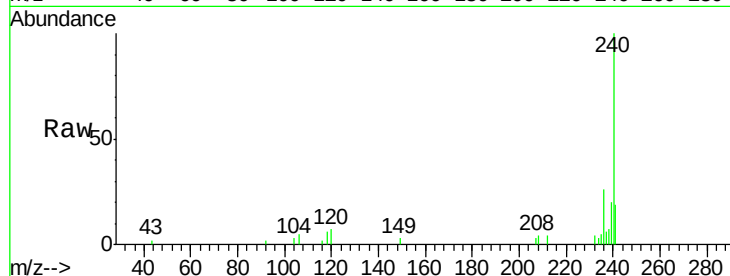




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

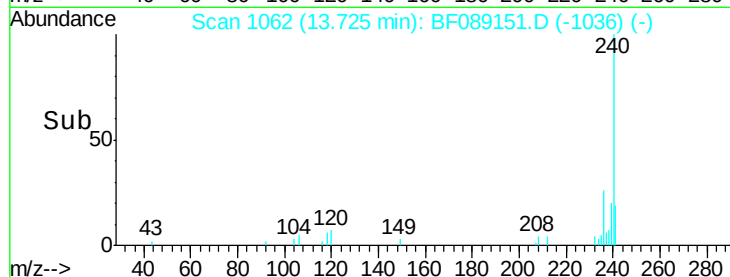
Instrument :
 BNA_F
 ClientSampleId :
 KSB-04-12.0-14.0

Tgt Ion:149 Resp: 281
 Ion Ratio Lower Upper
 149 100
 167 0.0 18.6 28.0#
 279 0.0 1.6 2.4#

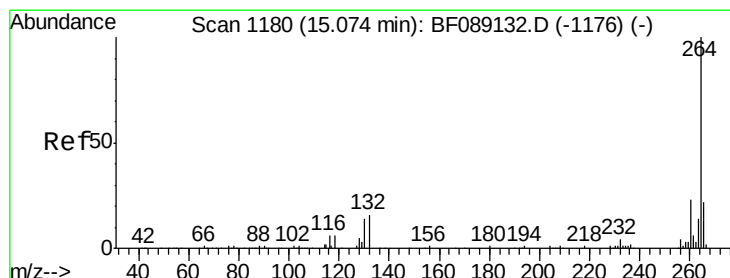


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

13.73

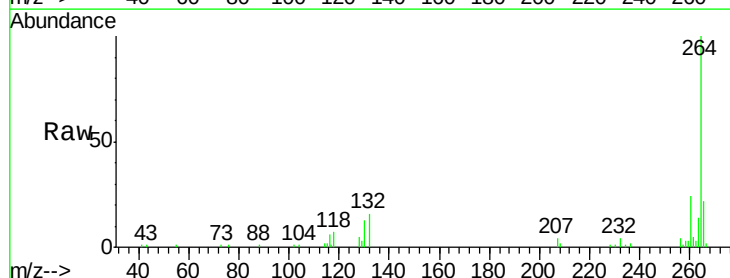


Time-->



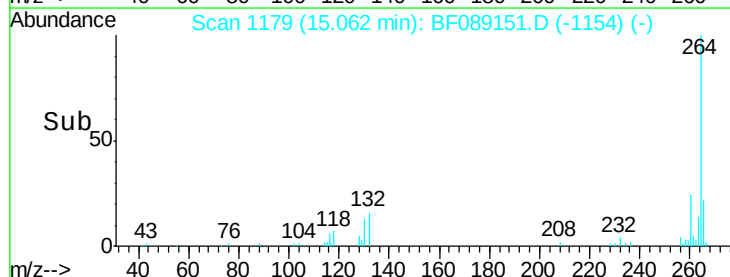
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089151.D
 Acq: 21 Jul 2016 00:52

Tgt Ion:264 Resp: 37195
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.6 17.3 25.9

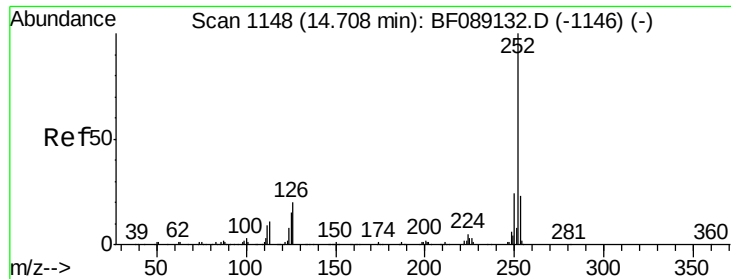


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

15.06



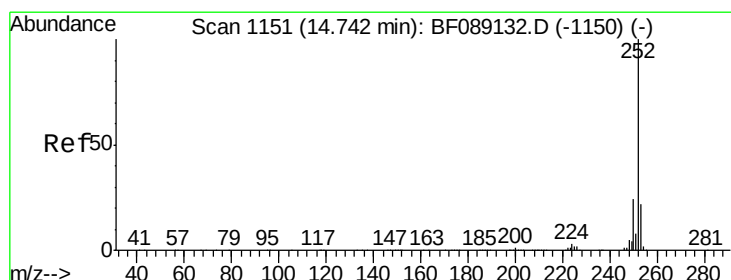
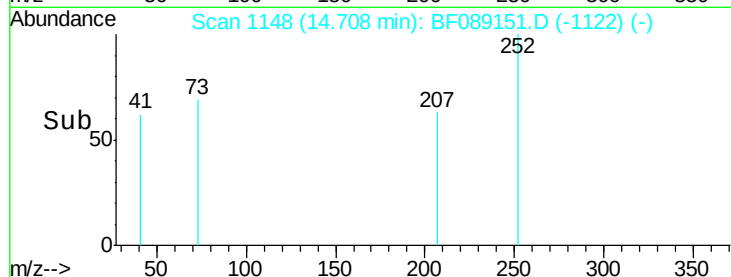
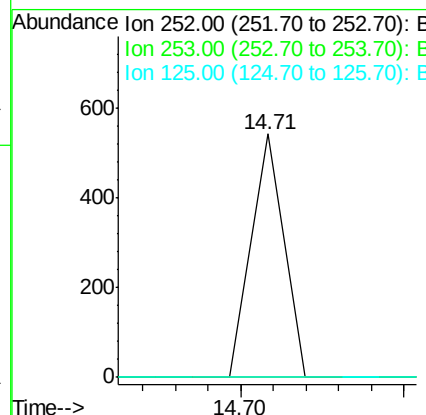
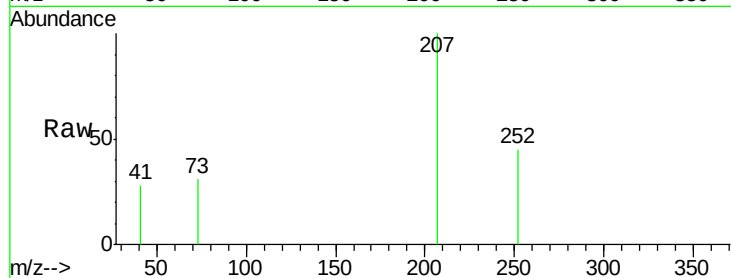
Time-->



#87
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

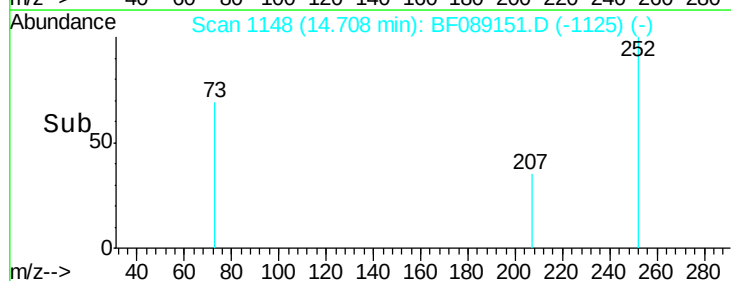
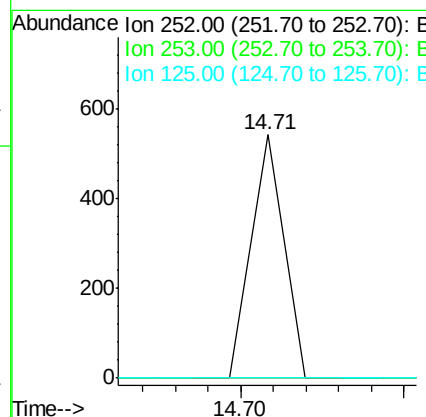
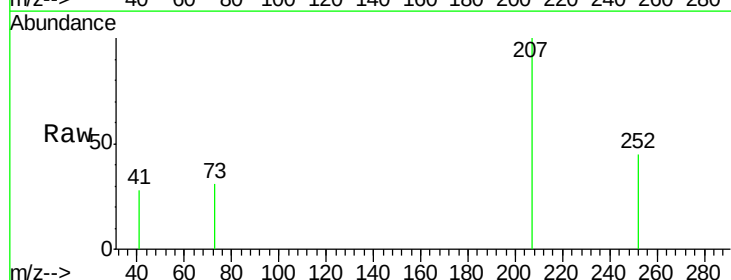
Instrument :
BNA_F
ClientSampleId :
KSB-04-12.0-14.0

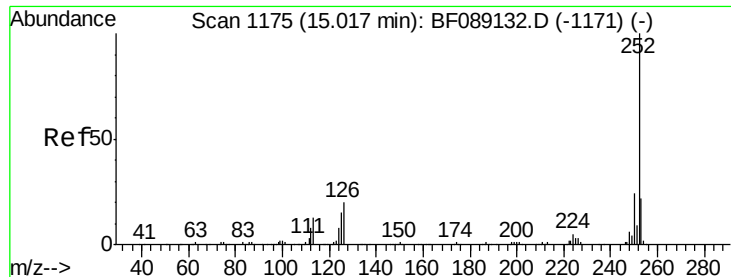
Tgt Ion: 252 Resp: 372
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF089151.D
Acq: 21 Jul 2016 00:52

Tgt Ion: 252 Resp: 372
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 6.3 9.5#





#89

Benzo(a)pyrene

Concen: 0.10 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.06 min

Lab File: BF089151.D

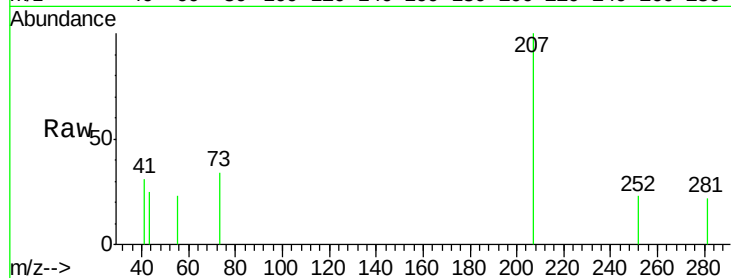
Acq: 21 Jul 2016 00:52

Instrument :

BNA_F

ClientSampleId :

KSB-04-12.0-14.0



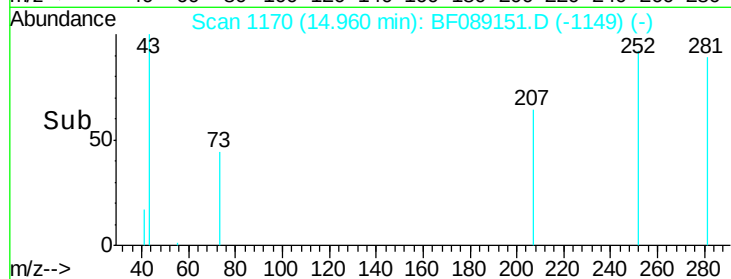
Tgt Ion: 252 Resp: 218

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 0.0 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

400

300

200

100

0

14.96

14.95

Time-->