

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089153.D
 Acq On : 21 Jul 2016 1:52
 Operator : UM/SJ
 Sample : H4112-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Quant Time: Jul 21 14:06:32 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	54143	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	200542	20.00	ng	0.01
38) Acenaphthene-d10	9.64	164	103867	20.00	ng	0.01
63) Phenanthrene-d10	11.11	188	196009	20.00	ng	0.00
75) Chrysene-d12	13.73	240	152738	20.00	ng	0.00
86) Perylene-d12	15.06	264	122343	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	336538	94.53	ng	0.01
7) Phenol-d6	6.27	99	437561	95.31	ng	0.00
23) Nitrobenzene-d5	7.18	82	285264	75.58	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	90449	96.72	ng	0.01
44) 2-Fluorobiphenyl	8.97	172	428728	56.87	ng	0.00
78) Terphenyl-d14	12.68	244	422533	60.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	38281	24.76	ng	# 83
3) Pyridine	2.74	79	101088	25.74	ng	98
4) n-Nitrosodimethylamine	2.71	42	48239	29.18	ng	98
6) Aniline	6.27	93	129980	20.95	ng	# 54
8) 2-Chlorophenol	6.40	128	124411	31.49	ng	98
9) Benzaldehyde	6.15	77	46223	16.50	ng	# 1
10) Phenol	6.28	94	166768	31.53	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	127440	32.08	ng	98
12) 1,3-Dichlorobenzene	6.55	146	118696m	27.21	ng	
13) 1,4-Dichlorobenzene	6.62	146	122731	27.94	ng	98
14) 1,2-Dichlorobenzene	6.78	146	117771	28.43	ng	94
15) Benzyl Alcohol	6.76	79	111534	33.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	125342	27.69	ng	# 60
17) 2-Methylphenol	6.89	107	97333	31.28	ng	99
18) Hexachloroethane	7.11	117	69466	42.06	ng	# 1
19) n-Nitroso-di-n-propylamine	7.04	70	97662	32.52	ng	95
20) 3+4-Methylphenols	7.05	107	129995	30.77	ng	95
22) Acetophenone	7.03	105	169142	31.58	ng	# 96
24) Nitrobenzene	7.20	77	156933	39.42	ng	# 95
25) Isophorone	7.44	82	280610	40.34	ng	# 92
26) 2-Nitrophenol	7.52	139	60240	32.45	ng	# 81
27) 2,4-Dimethylphenol	7.56	122	112679	36.02	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	156391	35.94	ng	# 80
29) 2,4-Dichlorophenol	7.77	162	95674	33.94	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	99726	31.96	ng	95
31) Naphthalene	7.92	128	401940	37.14	ng	96
32) Benzoic acid	7.67	122	9114	3.79	ng	# 1
33) 4-Chloroaniline	7.98	127	72338	15.89	ng	# 85
34) Hexachlorobutadiene	8.04	225	50530	29.09	ng	98
35) Caprolactam	8.34	113	99351	113.48	ng	# 22
36) 4-Chloro-3-methylphenol	8.48	107	119940	35.31	ng	97
37) 2-Methylnaphthalene	8.62	142	323699	46.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	85286	22.09	ng	# 95
40) Hexachlorocyclopentadiene	8.76	237	60936	50.62	ng	98

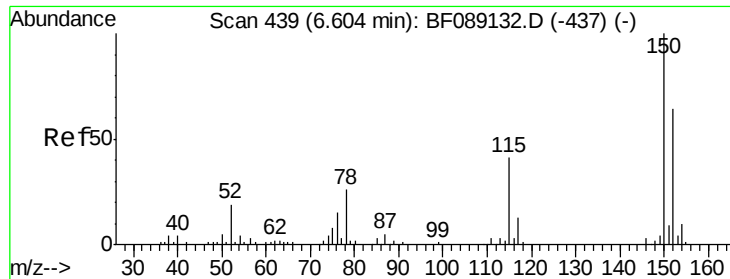
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	62853	29.09	ng	98
43) 2,4,5-Trichlorophenol	8.95	196	55513	25.59	ng #	38
45) 1,1'-Biphenyl	9.07	154	255351	27.30	ng	98
46) 2-Chloronaphthalene	9.10	162	197129	27.73	ng	99
47) 2-Nitroaniline	9.20	65	66814m	27.40	ng	
48) Acenaphthylene	9.51	152	334226	29.91	ng #	95
49) Dimethylphthalate	9.38	163	337798	42.38	ng	98
50) 2,6-Dinitrotoluene	9.44	165	51263	28.49	ng #	48
51) Acenaphthene	9.68	154	214263	32.41	ng	97
52) 3-Nitroaniline	9.61	138	58333	27.30	ng #	89
53) 2,4-Dinitrophenol	9.72	184	16269	24.37	ng #	70
54) Dibenzofuran	9.85	168	311213	34.84	ng #	94
55) 4-Nitrophenol	9.79	139	91586	70.83	ng	89
56) 2,4-Dinitrotoluene	9.85	165	92846	40.06	ng #	85
57) Fluorene	10.19	166	267898	35.33	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	53242	34.18	ng #	90
59) Diethylphthalate	10.08	149	258942	32.76	ng	97
60) 4-Chlorophenyl-phenylether	10.18	204	101763	29.40	ng #	70
61) 4-Nitroaniline	10.22	138	57620	27.71	ng	98
62) Azobenzene	10.34	77	288367	33.57	ng	86
64) 4,6-Dinitro-2-methylphenol	10.25	198	26166	22.93	ng #	28
65) n-Nitrosodiphenylamine	10.31	169	283246	43.24	ng	87
66) 4-Bromophenyl-phenylether	10.66	248	59564	30.71	ng #	81
67) Hexachlorobenzene	10.73	284	58869	28.22	ng #	49
68) Atrazine	10.83	200	65045	31.75	ng	94
69) Pentachlorophenol	10.92	266	62152	64.58	ng	97
70) Phenanthrene	11.14	178	426382	39.65	ng	99
71) Anthracene	11.19	178	397868	35.60	ng	99
72) Carbazole	11.35	167	346252	35.27	ng	98
73) Di-n-butylphthalate	11.68	149	390140	32.13	ng	100
74) Fluoranthene	12.31	202	357917	31.67	ng	99
76) Benzidine	12.44	184	186667	35.55	ng	98
77) Pyrene	12.54	202	398179	31.57	ng	100
79) Butylbenzylphthalate	13.17	149	184923	34.66	ng	92
80) Benzo(a)anthracene	13.71	228	301384	30.98	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	65284	20.23	ng #	95
82) Chrysene	13.75	228	255112	27.46	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	227874	32.20	ng	98
84) Di-n-octyl phthalate	14.33	149	365785	31.32	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	215428	31.92	ng	99
87) Benzo(b)fluoranthene	14.71	252	252428m	28.49	ng	
88) Benzo(k)fluoranthene	14.73	252	220815m	34.85	ng	
89) Benzo(a)pyrene	15.02	252	228170	33.17	ng #	97
90) Dibenzo(a,h)anthracene	16.31	278	181088	33.34	ng	98
91) Benzo(g,h,i)perylene	16.66	276	179508	32.78	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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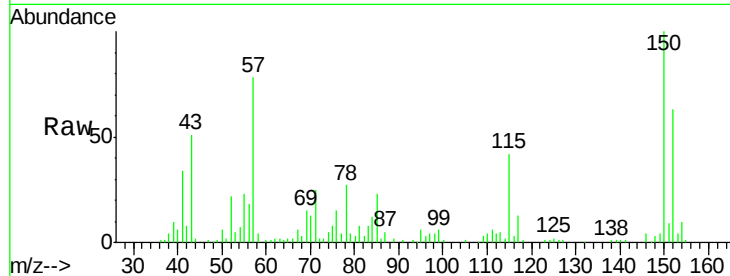
Tgt Ion:152 Resp: 54143

Ion Ratio Lower Upper

152 100

150 159.7 125.1 187.7

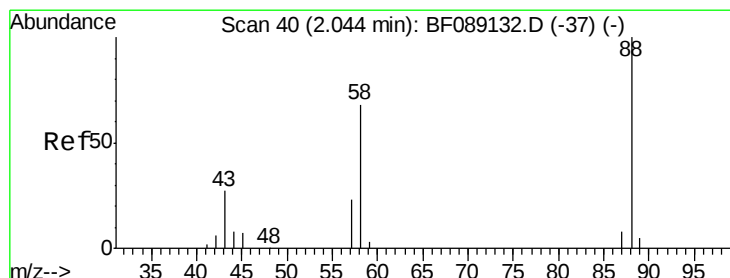
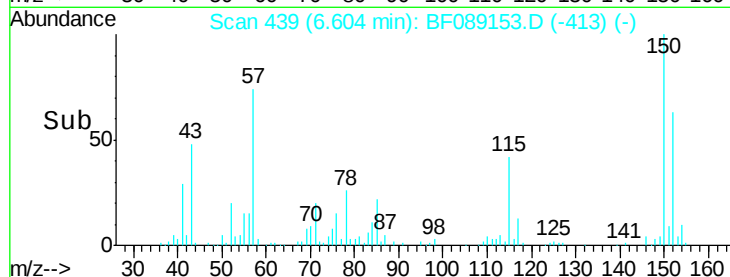
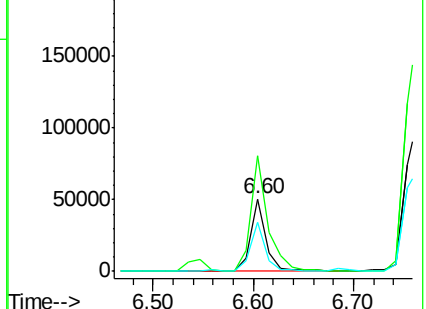
115 67.0 51.1 76.7



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



#2

1,4-Dioxane

Concen: 24.76 ng

RT: 2.11 min Scan# 46

Delta R.T. 0.07 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

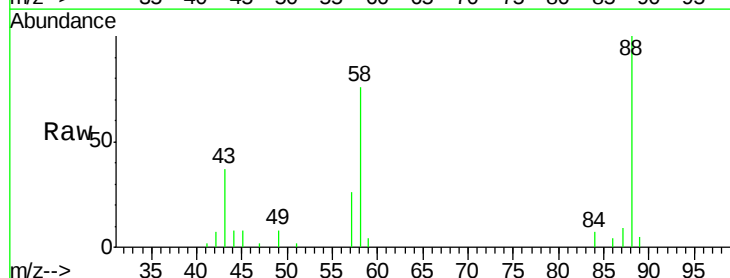
Tgt Ion: 88 Resp: 38281

Ion Ratio Lower Upper

88 100

58 76.3 49.2 73.8#

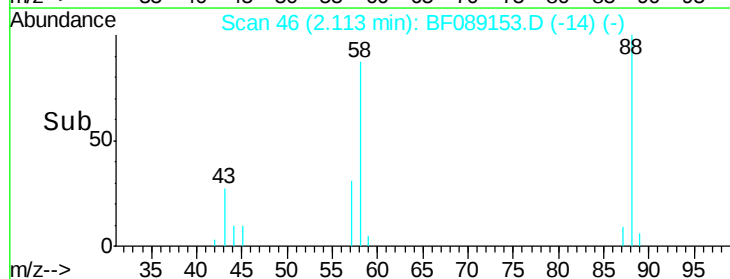
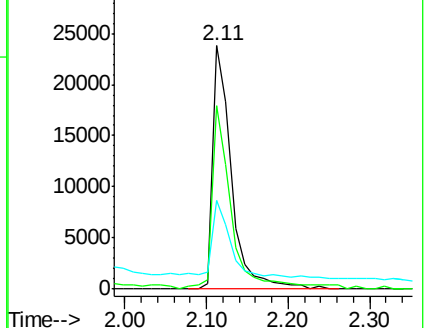
43 31.0 20.6 30.8#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

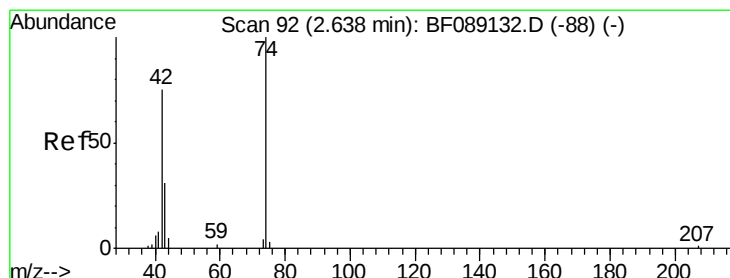
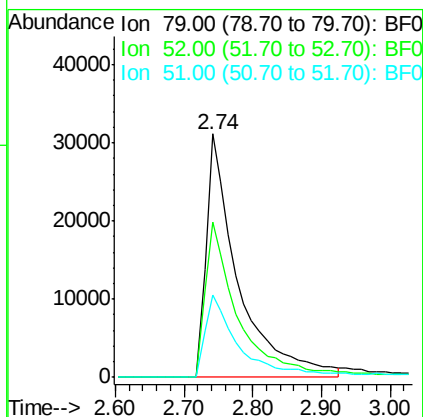
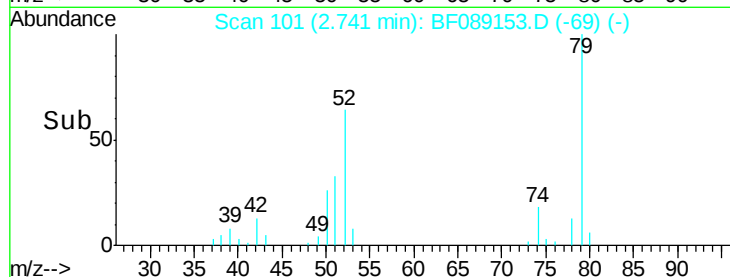
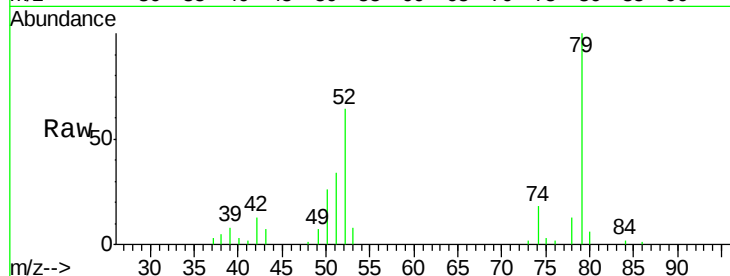




#3
 Pyridine
 Concen: 25.74 ng
 RT: 2.74 min Scan# 101
 Delta R.T. 0.07 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

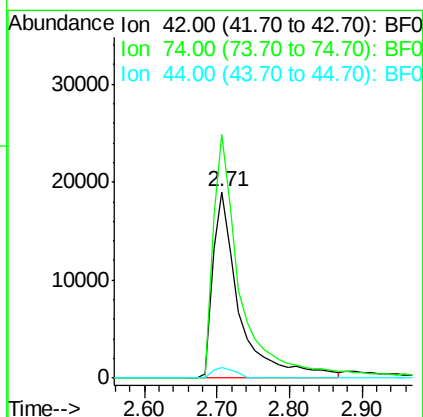
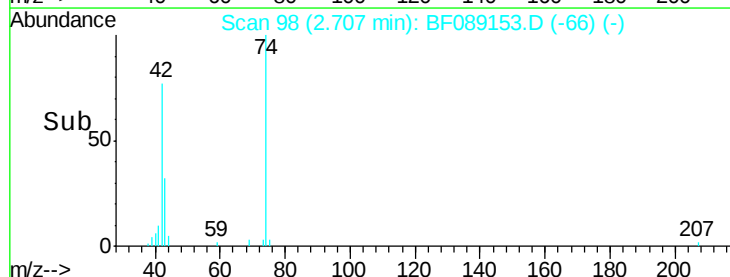
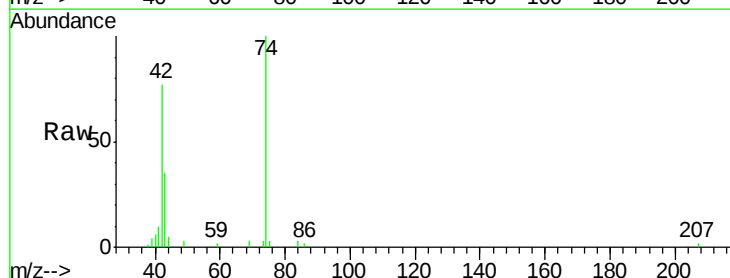
Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

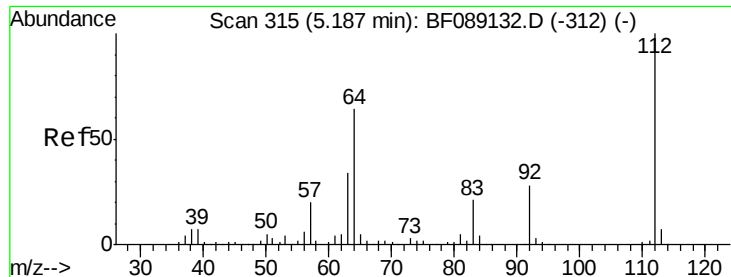
Tgt Ion: 79 Resp: 101088
 Ion Ratio Lower Upper
 79 100
 52 63.8 52.9 79.3
 51 33.9 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 29.18 ng
 RT: 2.71 min Scan# 98
 Delta R.T. 0.07 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion: 42 Resp: 48239
 Ion Ratio Lower Upper
 42 100
 74 130.7 106.4 159.6
 44 5.9 5.2 7.8





#5

2-Fluorophenol

Concen: 94.53 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

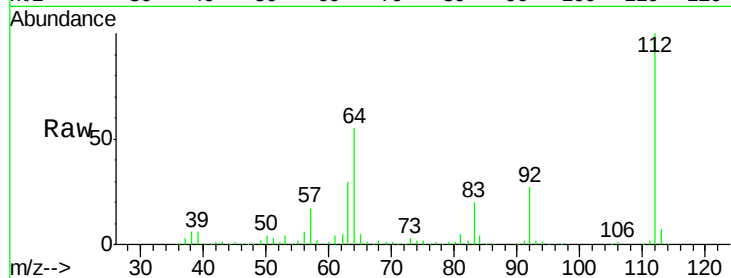
Tgt Ion: 112 Resp: 336538

Ion Ratio Lower Upper

112 100

64 55.3 51.0 76.4

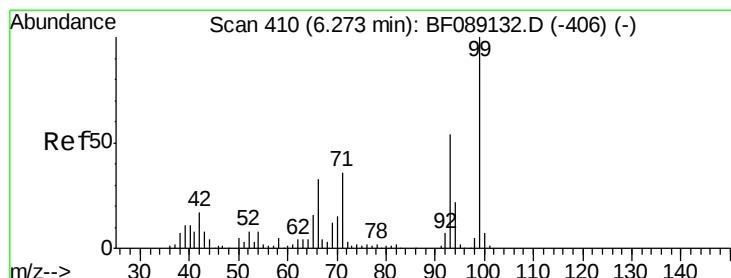
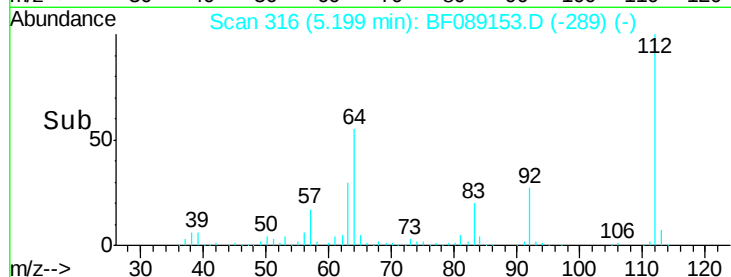
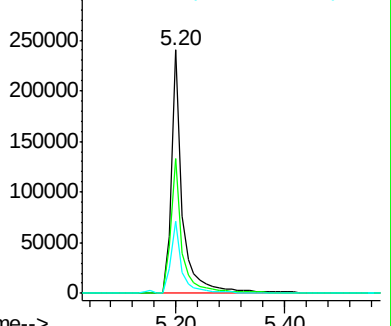
63 29.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.95 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

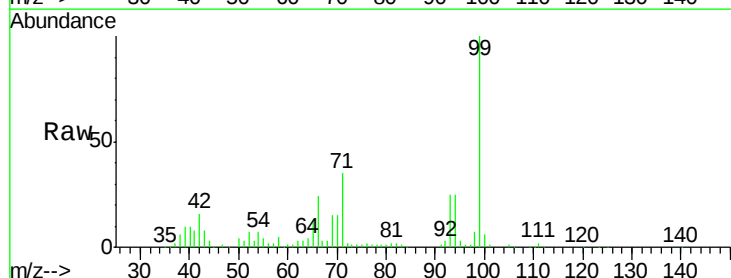
Tgt Ion: 93 Resp: 129980

Ion Ratio Lower Upper

93 100

66 98.3 48.9 73.3#

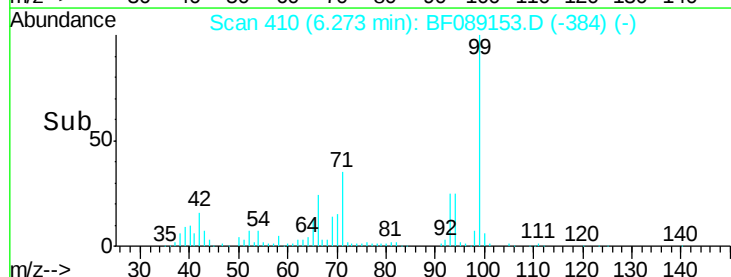
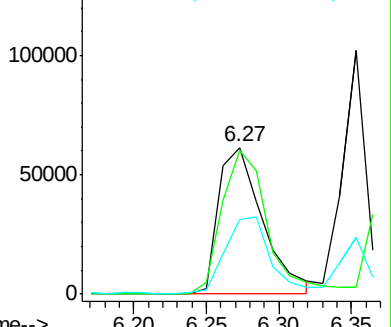
65 51.1 23.9 35.9#

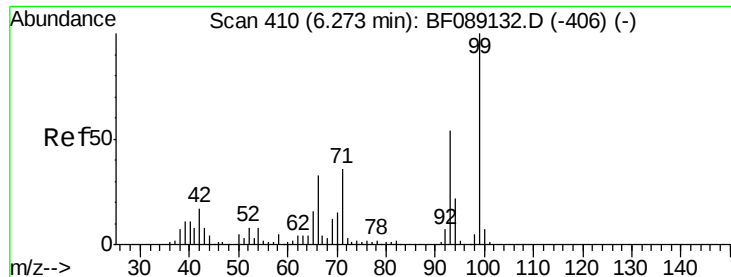


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.31 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089153.D

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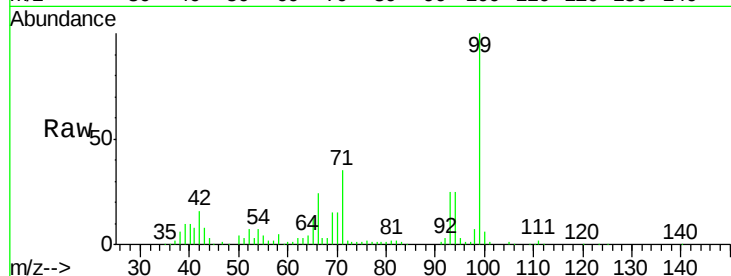
Tgt Ion: 99 Resp: 437561

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

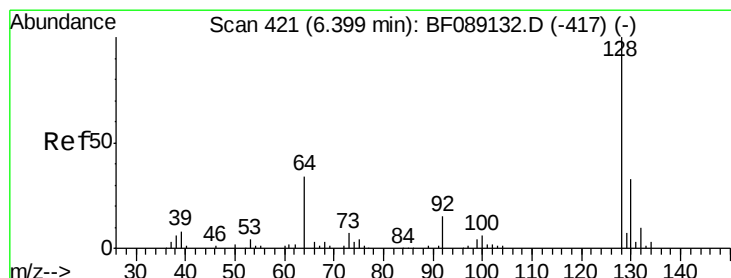
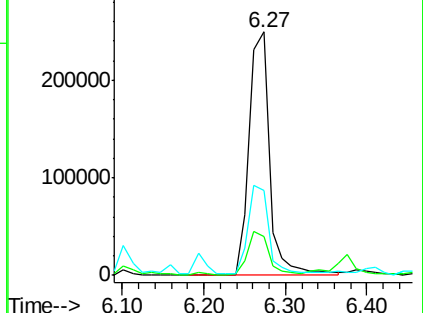
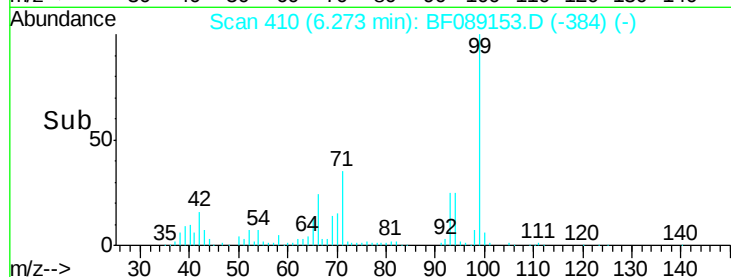
71 35.0 28.9 43.3



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



#8

2-Chlorophenol

Concen: 31.49 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

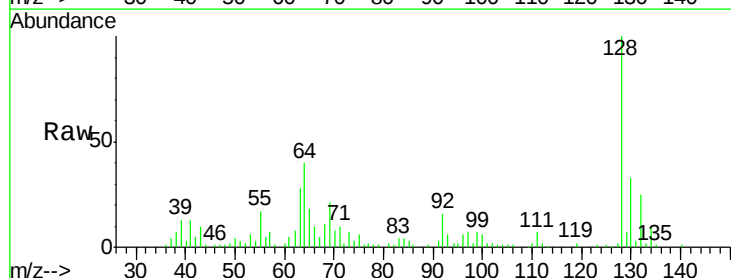
Tgt Ion: 128 Resp: 124411

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

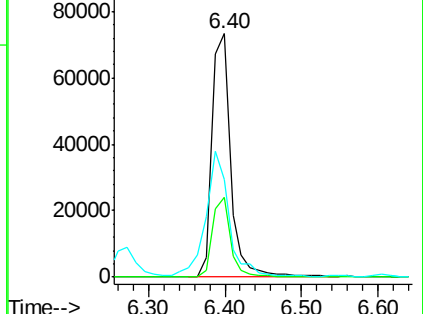
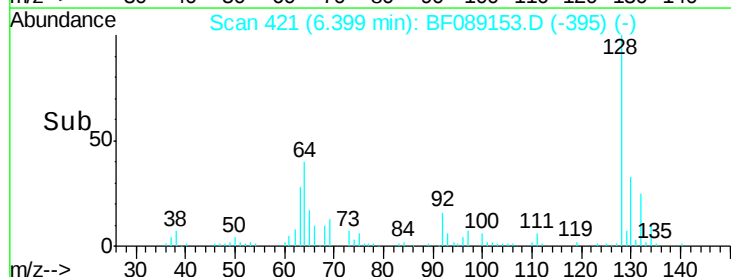
64 40.0 17.5 57.5

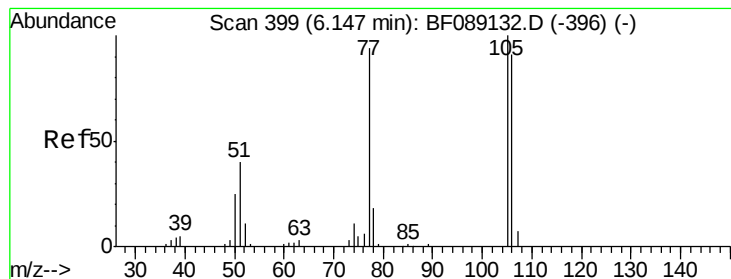


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.50 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

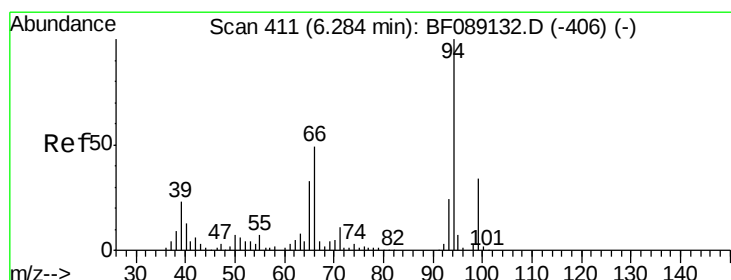
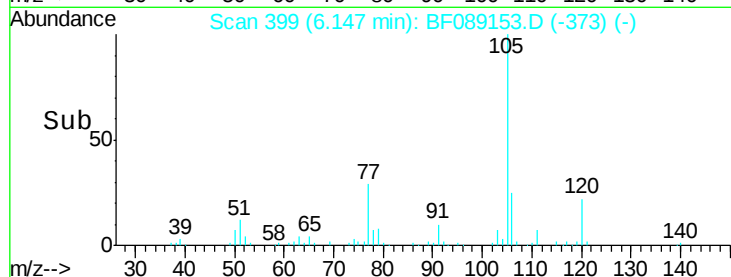
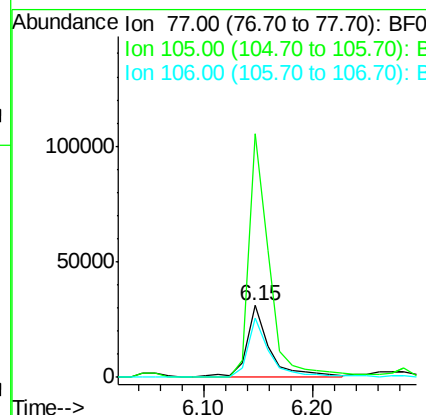
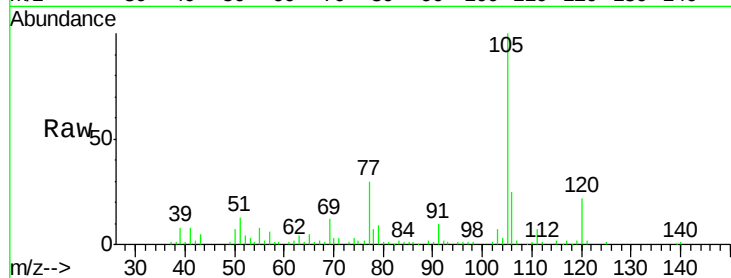
Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

Tgt Ion: 77 Resp: 46223
 Ion Ratio Lower Upper
 77 100
 105 338.4 86.2 126.2#
 106 83.3 76.3 116.3



#10

Phenol

Concen: 31.53 ng

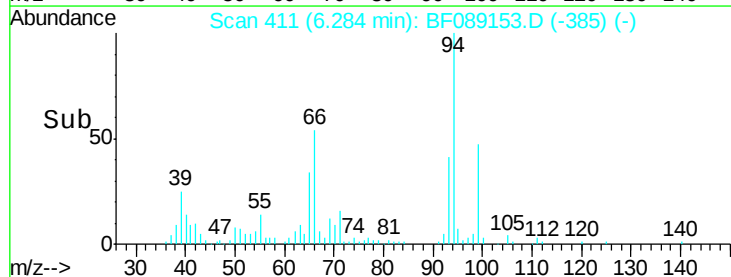
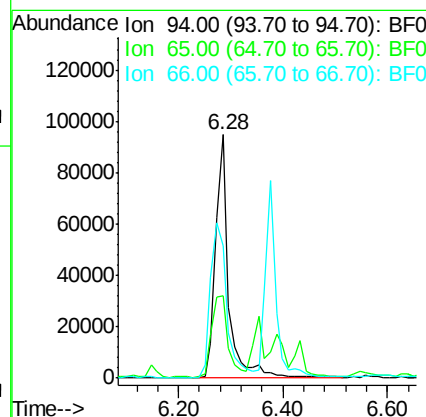
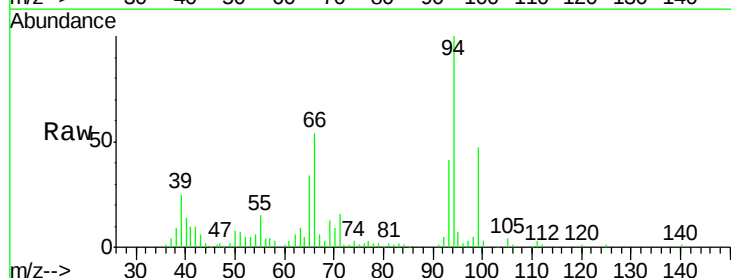
RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion: 94 Resp: 166768
 Ion Ratio Lower Upper
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 65 33.9 13.3 53.3
 66 54.3 29.3 69.3

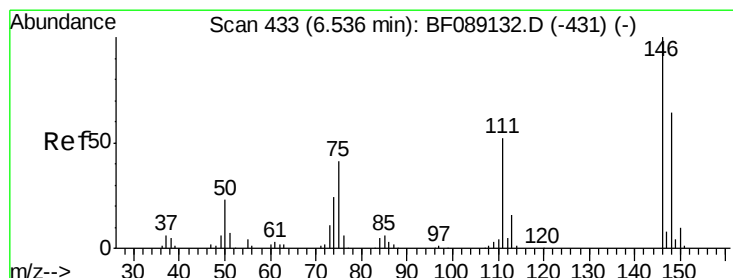
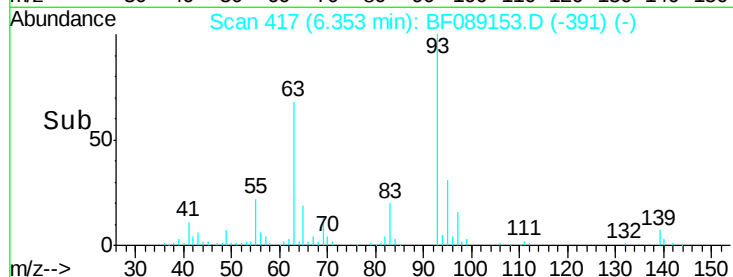
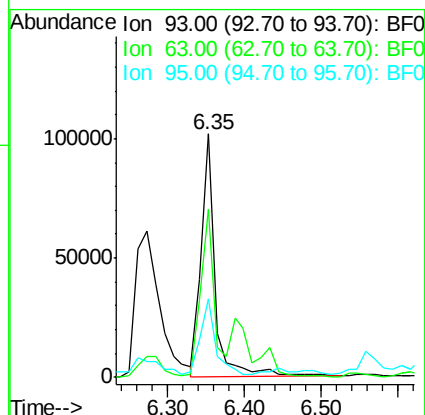
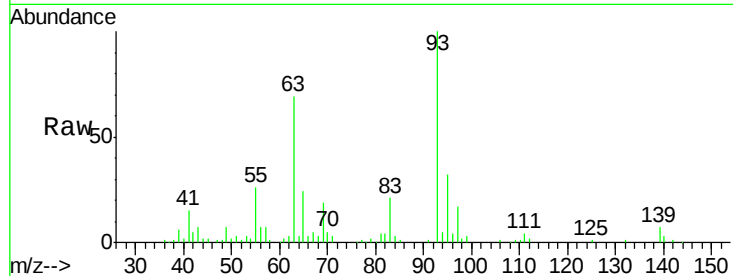




#11
bis(2-Chloroethyl)ether
Concen: 32.08 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

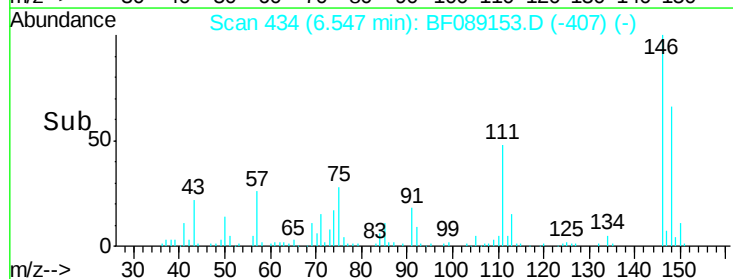
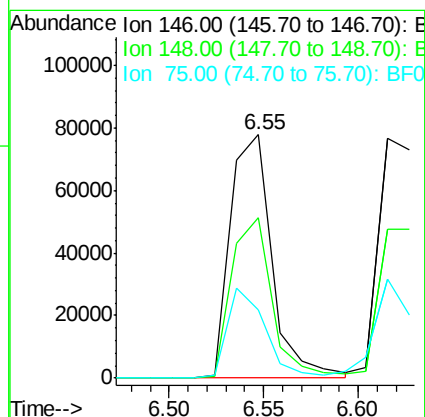
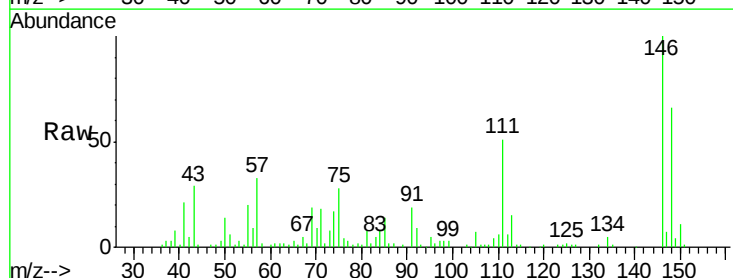
Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0MS

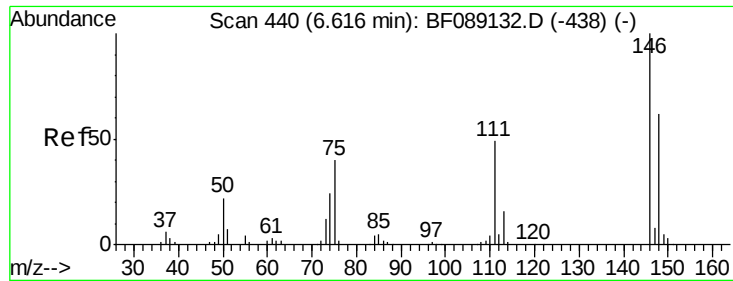
Tgt Ion: 93 Resp: 127440
Ion Ratio Lower Upper
93 100
63 69.2 47.3 87.3
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 27.21 ng m
RT: 6.55 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Tgt Ion: 146 Resp: 118696
Ion Ratio Lower Upper
146 100
148 66.1 51.0 76.6
75 28.3 32.5 48.7#

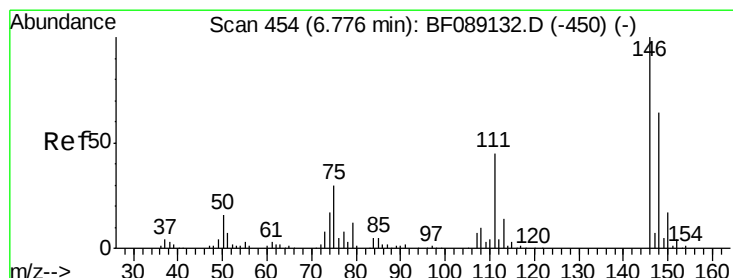
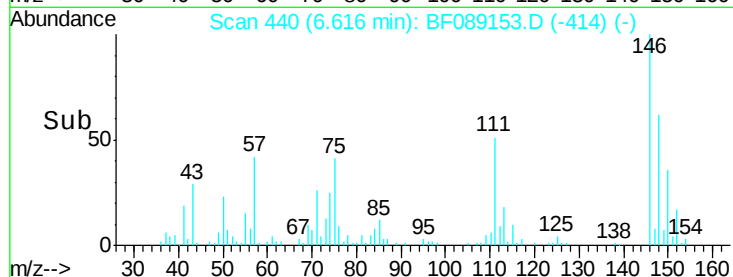
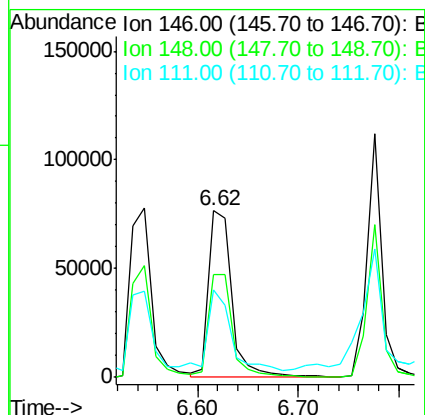
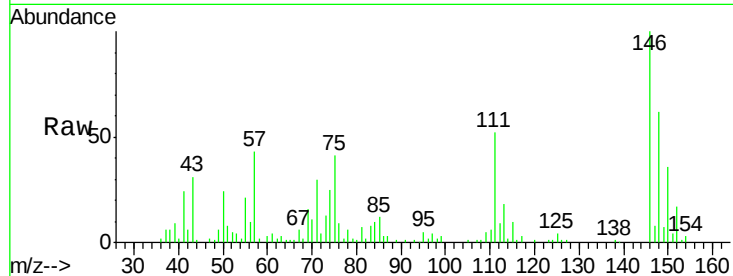




#13
 1,4-Dichlorobenzene
 Concen: 27.94 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

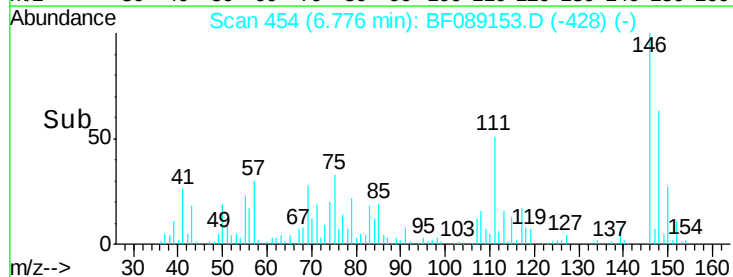
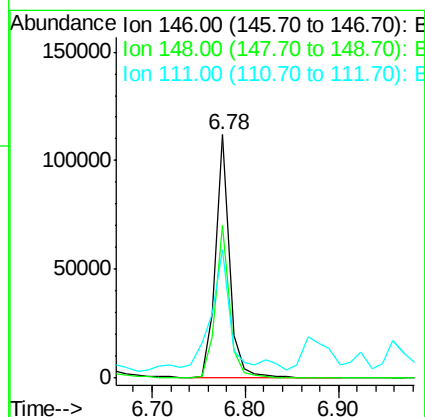
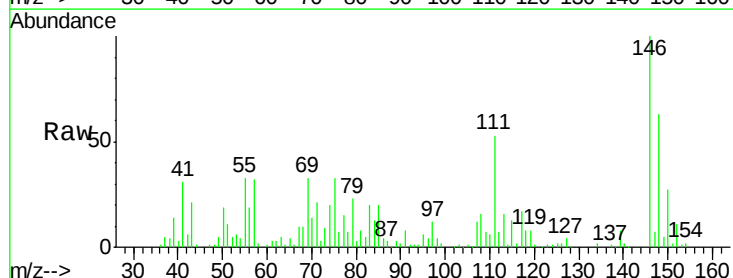
Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

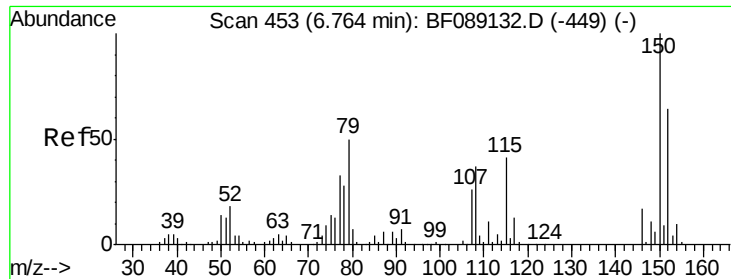
Tgt Ion:146 Resp: 122731
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.9 74.9
 111 52.5 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 28.43 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:146 Resp: 117771
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.0
 111 52.5 35.9 53.9





#15

Benzyl Alcohol

Concen: 33.17 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

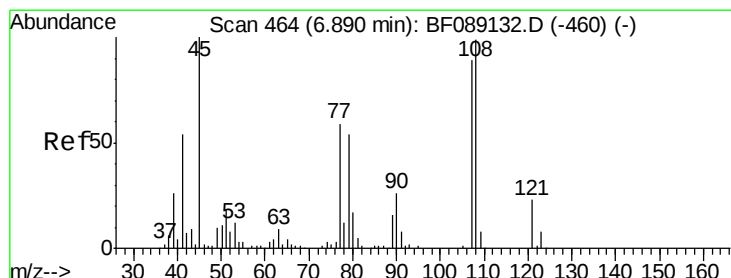
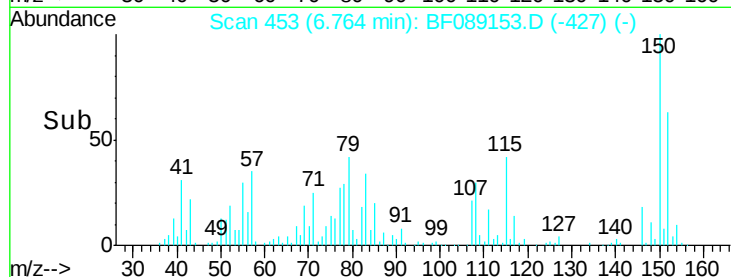
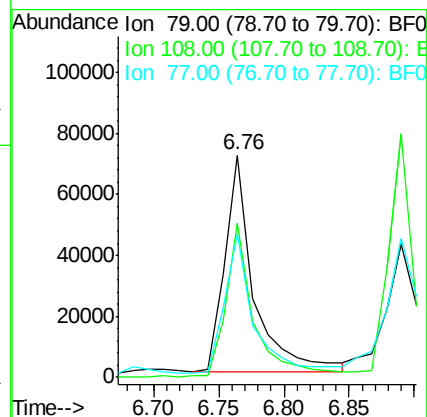
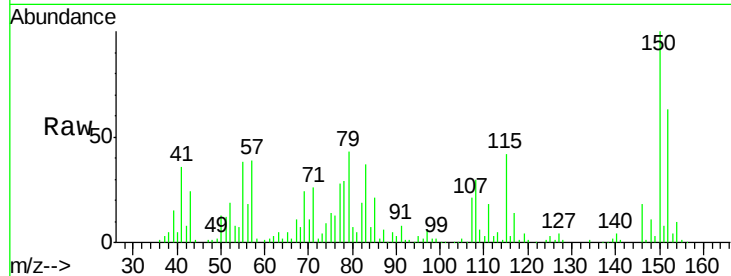
Tgt Ion: 79 Resp: 111534

Ion Ratio Lower Upper

79 100

108 69.3 58.2 87.4

77 64.5 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.69 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

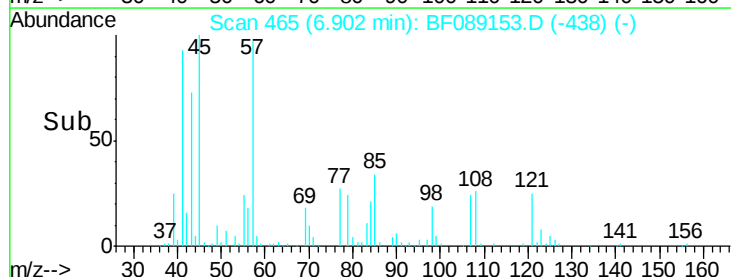
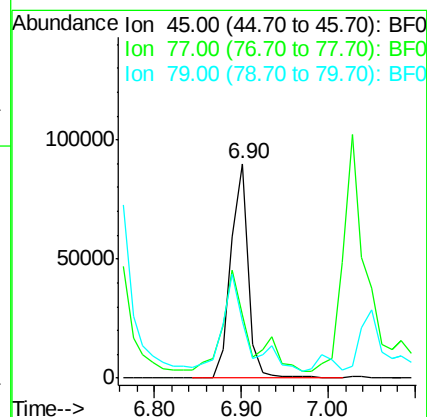
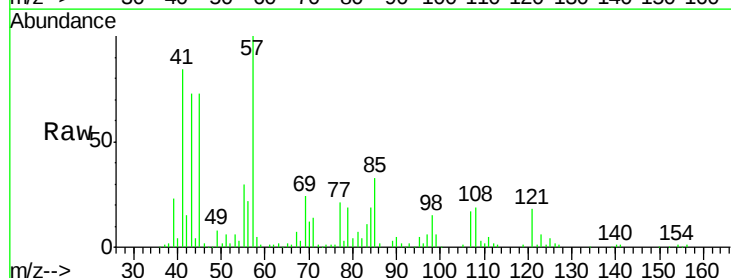
Tgt Ion: 45 Resp: 125342

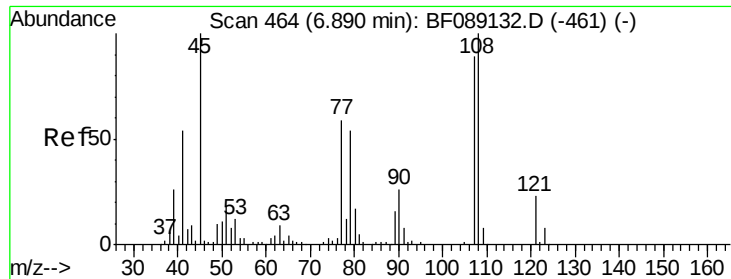
Ion Ratio Lower Upper

45 100

77 29.3 39.7 79.7#

79 26.2 34.7 74.7#

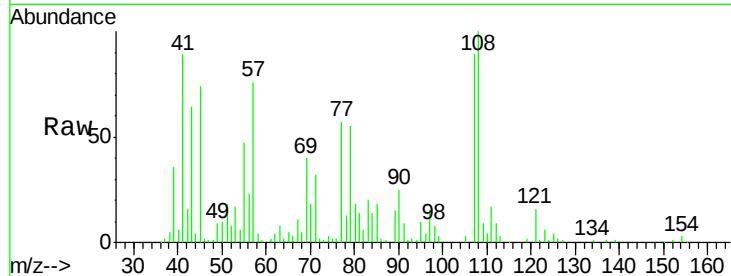




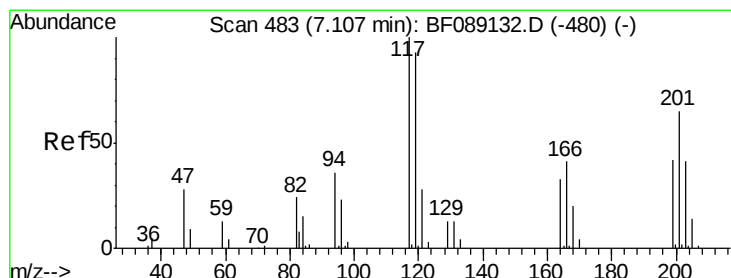
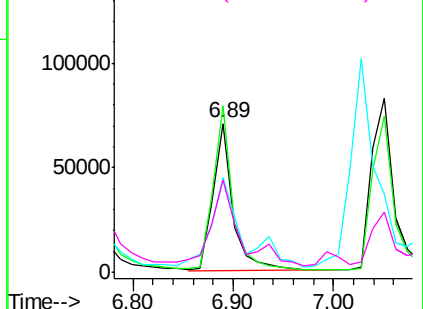
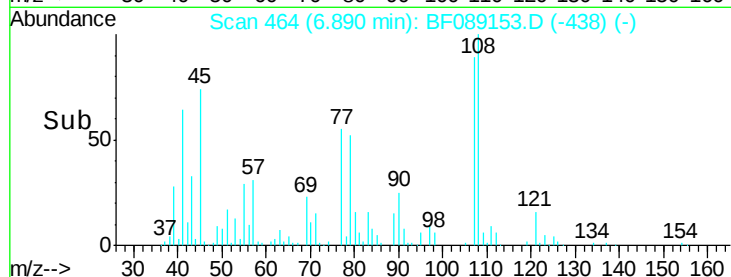
#17
2-Methylphenol
Concen: 31.28 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0MS

Tgt Ion:107 Resp: 97333
Ion Ratio Lower Upper
107 100
108 111.9 89.4 134.2
77 63.7 53.4 80.0
79 61.6 49.0 73.4

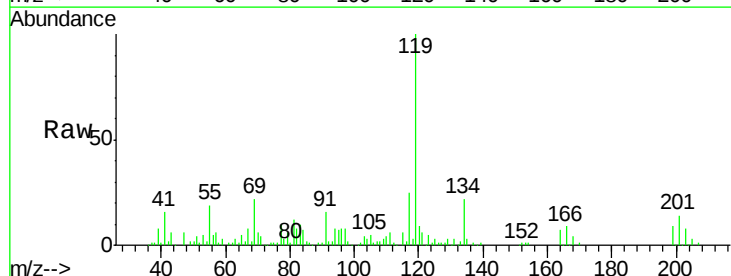


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

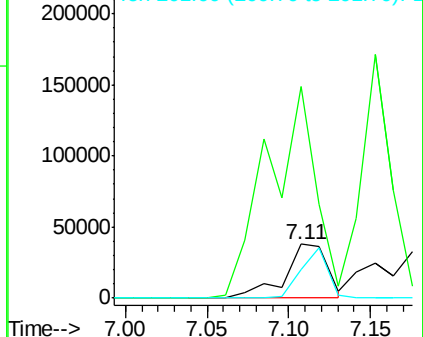
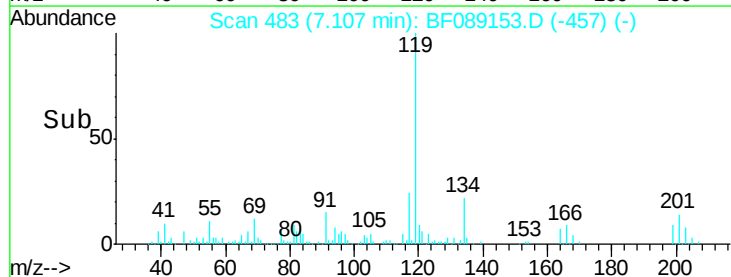


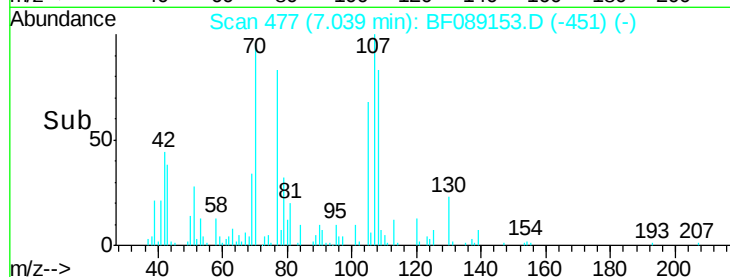
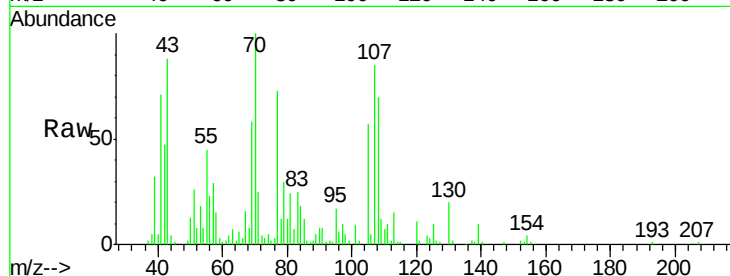
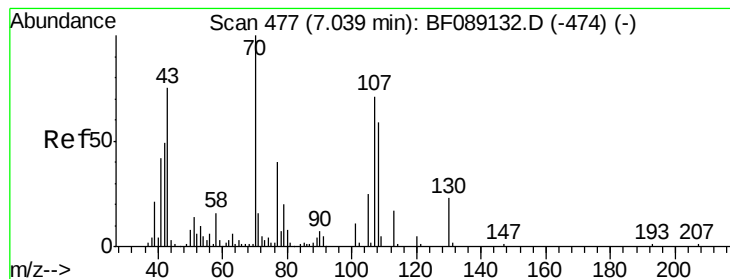
#18
Hexachloroethane
Concen: 42.06 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Tgt Ion:117 Resp: 69466
Ion Ratio Lower Upper
117 100
119 392.9 74.5 111.7#
201 53.2 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: 32.52 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

Tgt Ion: 70 Resp: 97662

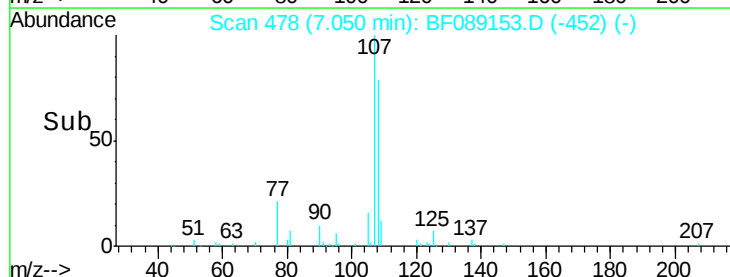
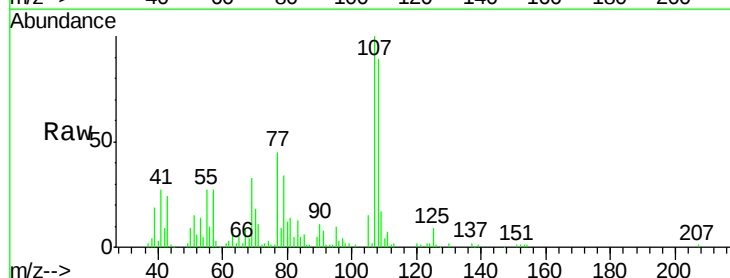
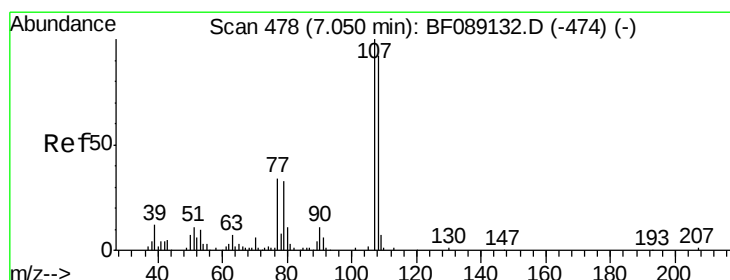
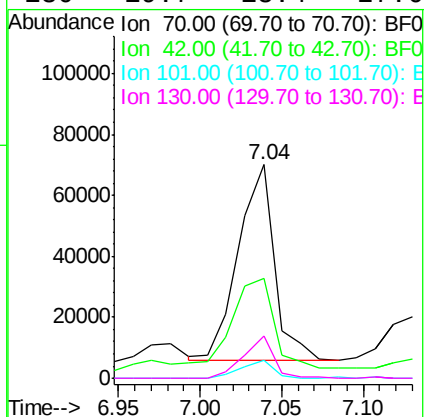
Ion Ratio Lower Upper

70 100

42 46.6 39.2 58.8

101 8.5 8.5 12.7

130 19.7 18.4 27.6



#20

3+4-Methylphenols

Concen: 30.77 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion: 107 Resp: 129995

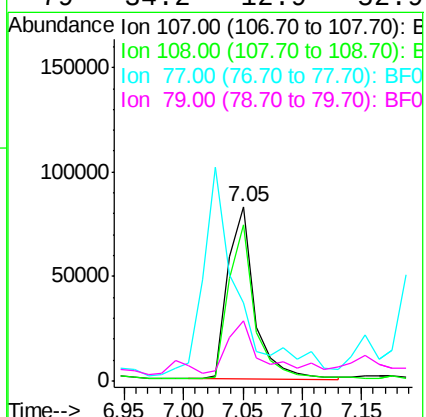
Ion Ratio Lower Upper

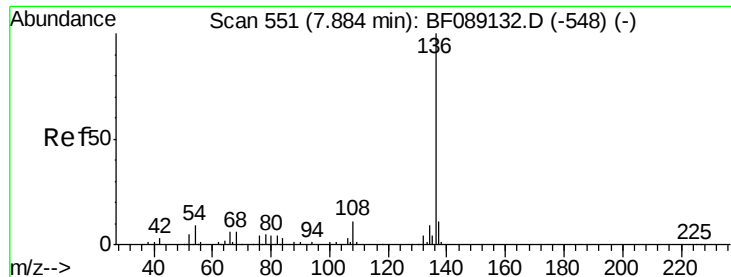
107 100

108 89.1 72.5 112.5

77 45.0 17.7 57.7

79 34.2 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

Tgt Ion:136 Resp: 200542

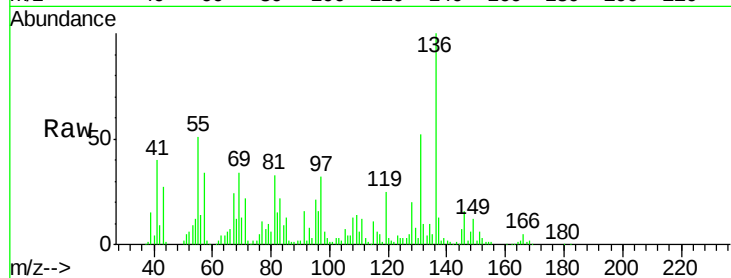
Ion Ratio Lower Upper

136 100

137 13.1 8.8 13.2

54 11.7 7.0 10.4#

68 12.0 5.0 7.6#

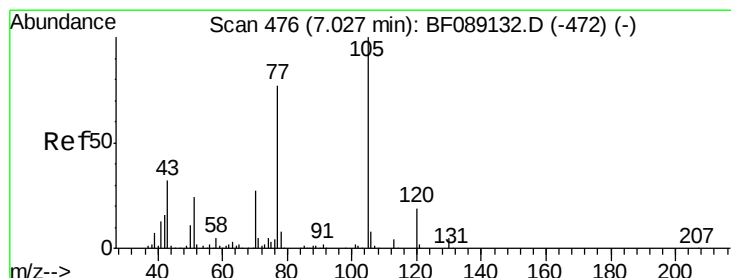
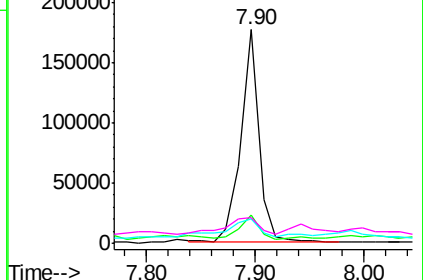
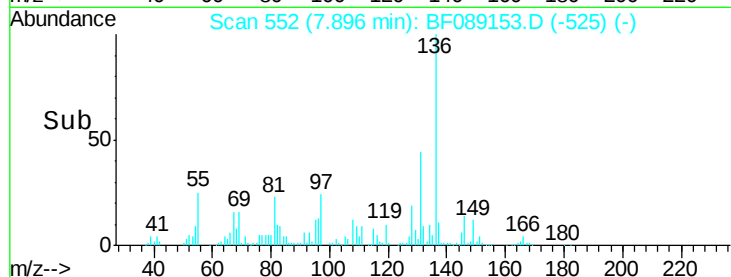


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.58 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion:105 Resp: 169142

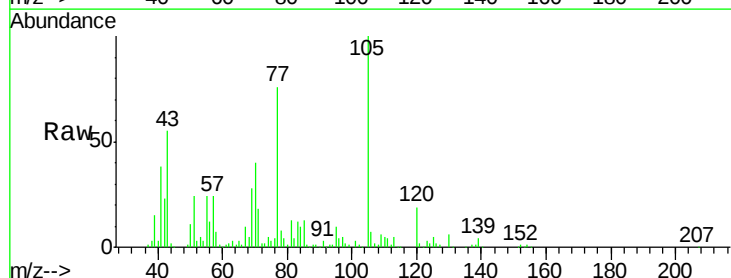
Ion Ratio Lower Upper

105 100

71 17.9 3.8 5.6#

51 24.4 19.6 29.4

120 19.1 15.5 23.3

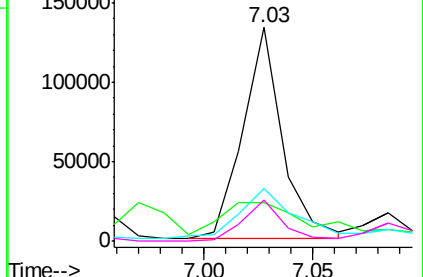
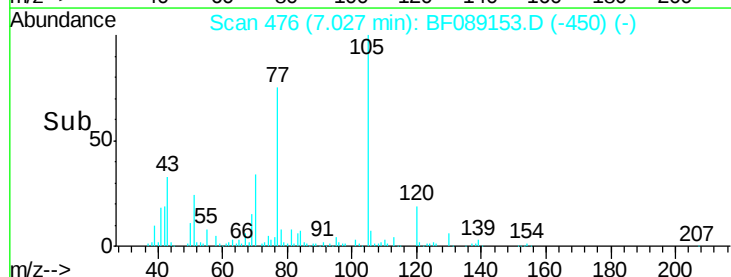


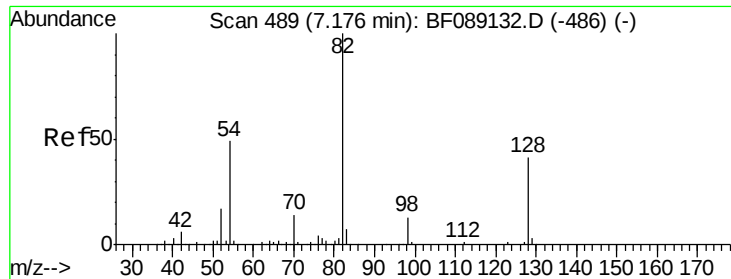
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

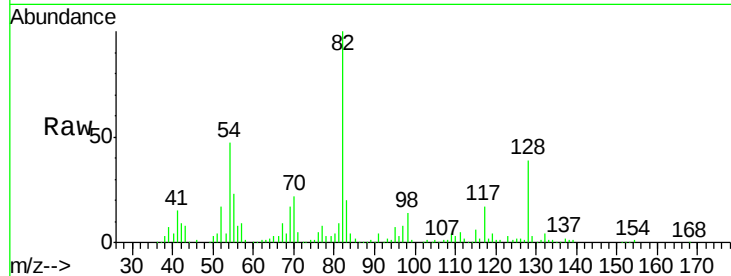




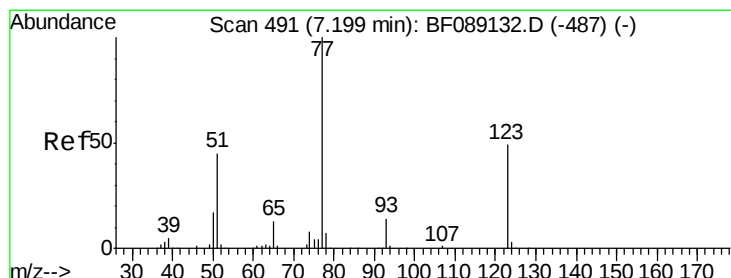
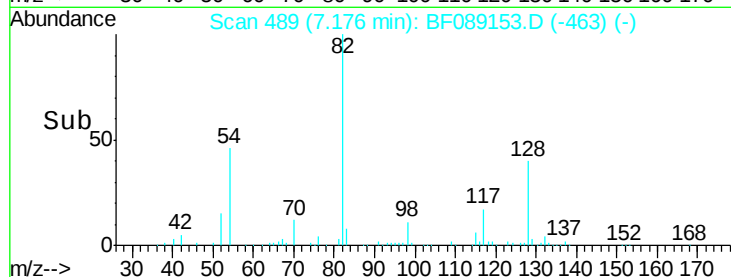
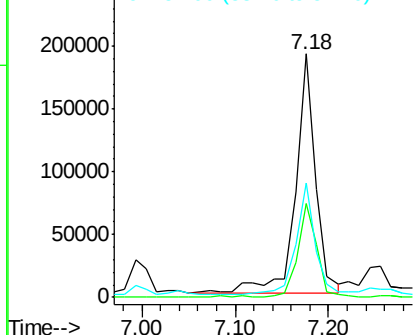
#23
 Nitrobenzene-d5
 Concen: 75.58 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.0	49.6
54	47.1	39.0	58.4

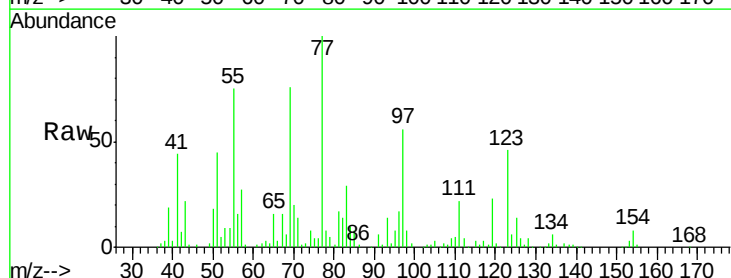


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

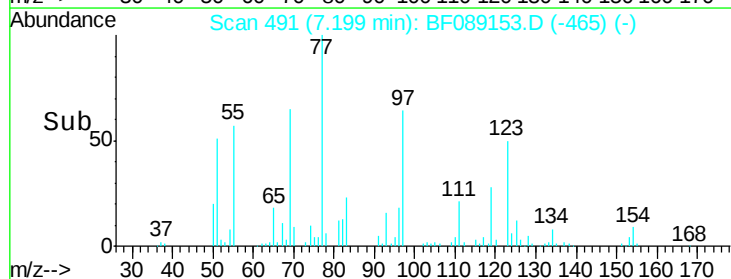
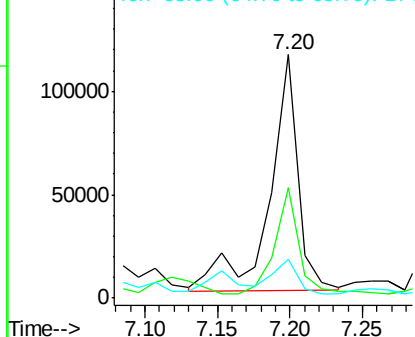


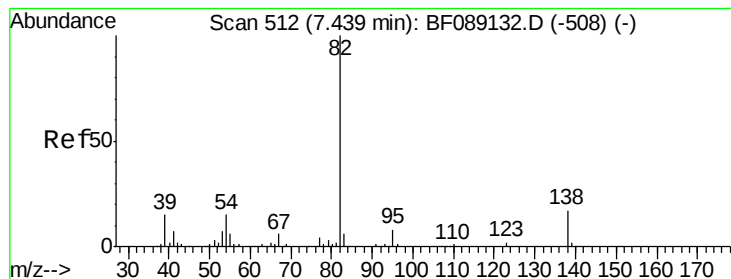
#24
 Nitrobenzene
 Concen: 39.42 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	38.9	58.3
65	15.9	10.6	15.8#



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





#25

Isophorone

Concen: 40.34 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

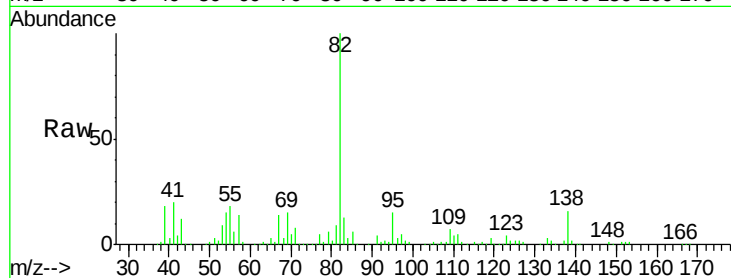
Tgt Ion: 82 Resp: 280610

Ion Ratio Lower Upper

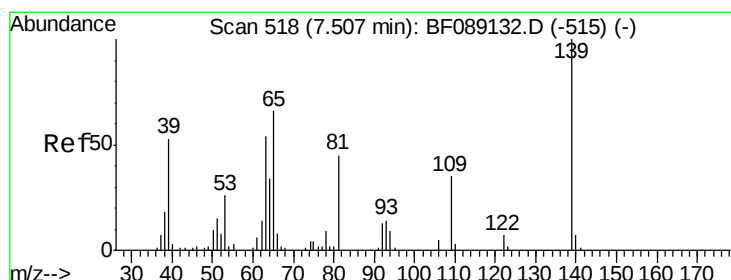
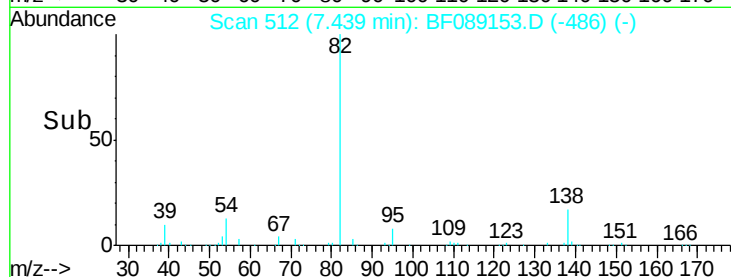
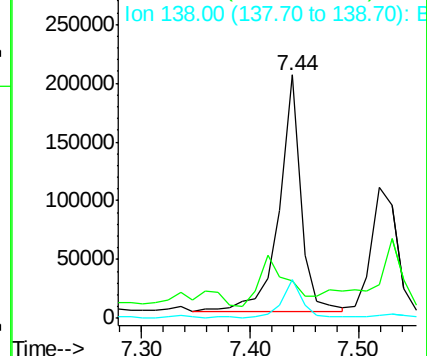
82 100

95 15.4 6.1 9.1#

138 16.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.45 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

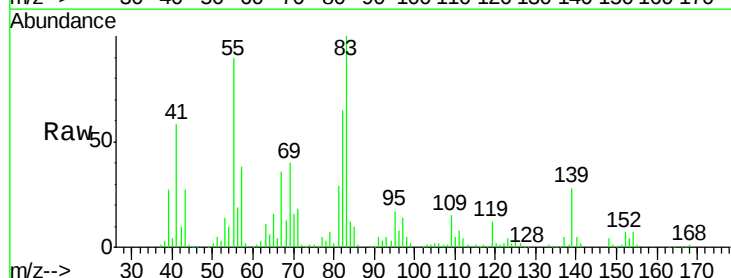
Tgt Ion: 139 Resp: 60240

Ion Ratio Lower Upper

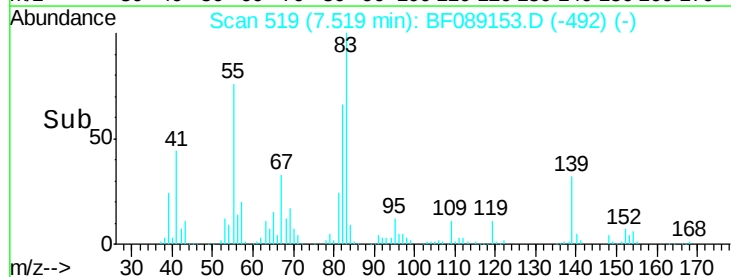
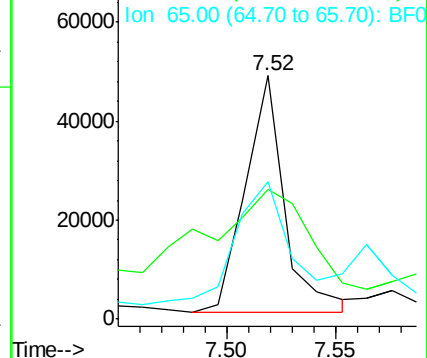
139 100

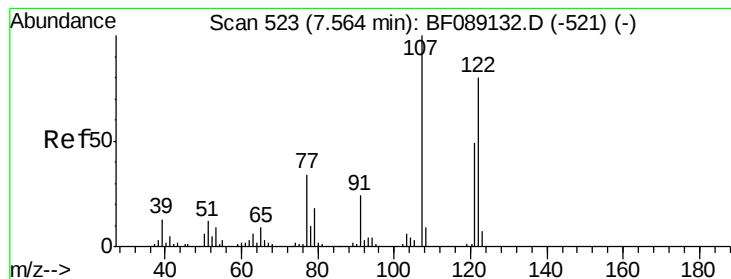
109 53.2 28.1 42.1#

65 56.4 52.7 79.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.02 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

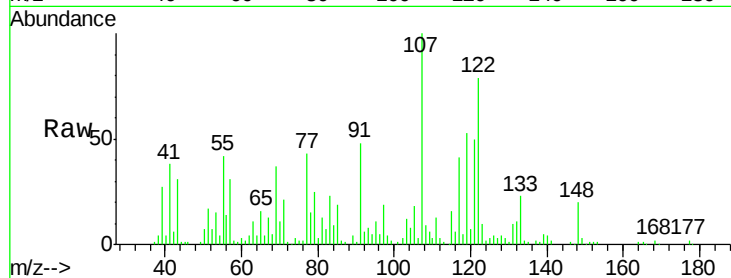
Tgt Ion:122 Resp: 112679

Ion Ratio Lower Upper

122 100

107 126.2 99.7 149.5

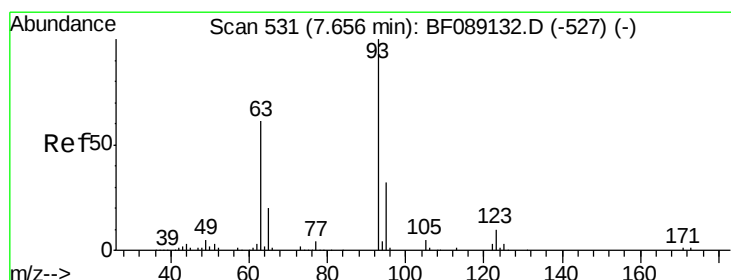
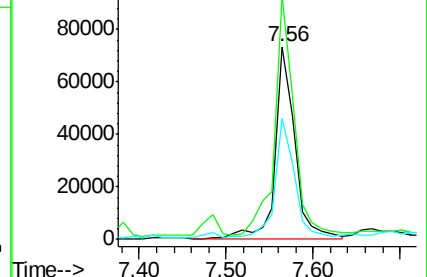
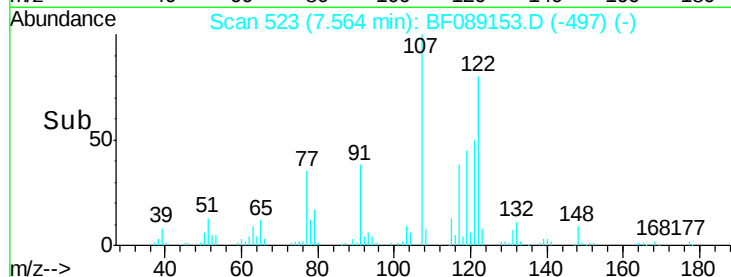
121 62.9 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.94 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

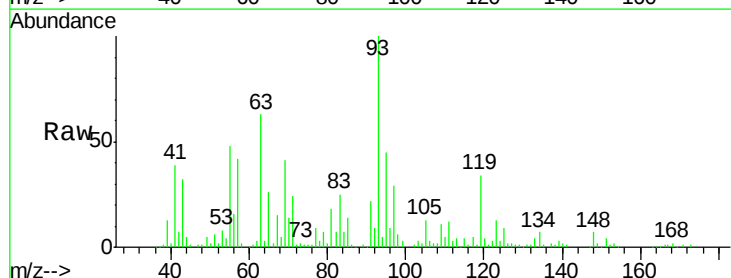
Tgt Ion: 93 Resp: 156391

Ion Ratio Lower Upper

93 100

95 45.0 25.4 38.0#

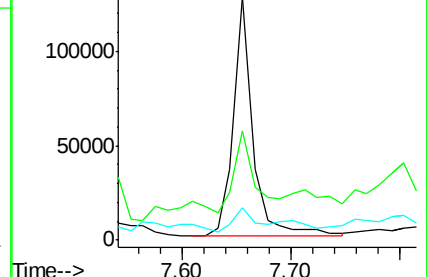
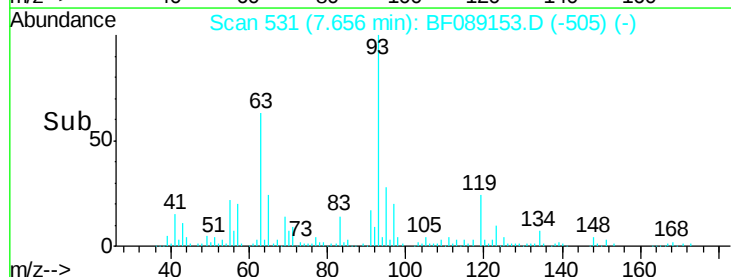
123 13.5 8.3 12.5#

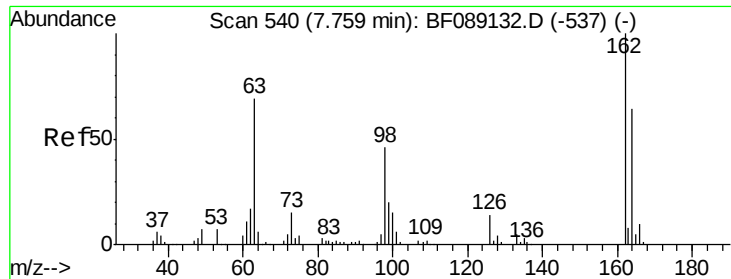


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

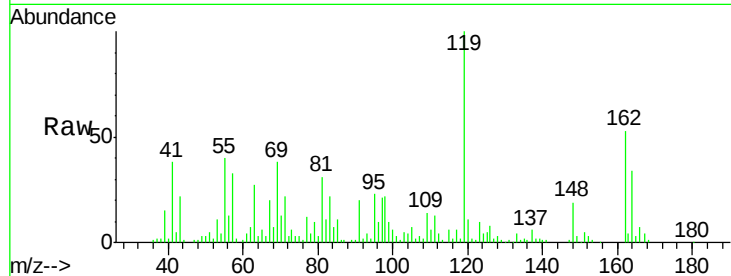




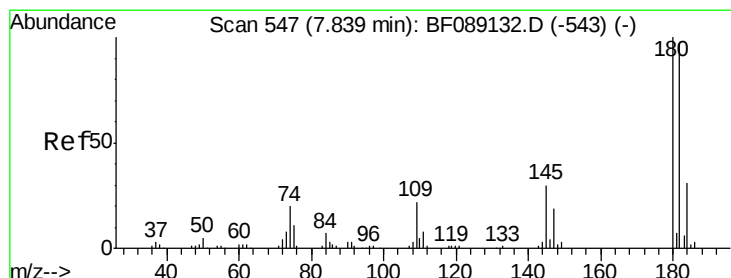
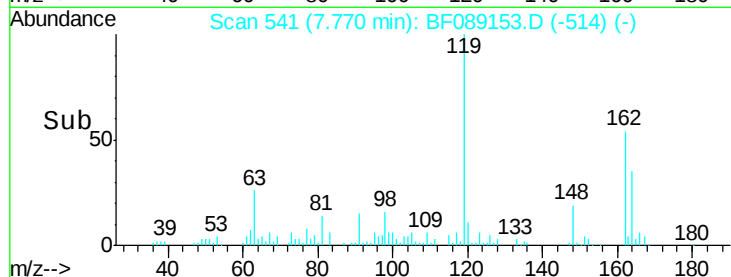
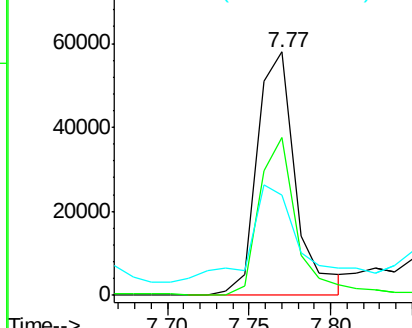
#29
 2,4-Dichlorophenol
 Concen: 33.94 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.0	84.0
98	41.1	26.0	66.0

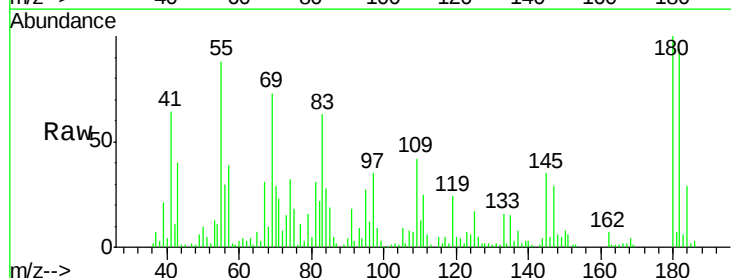


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

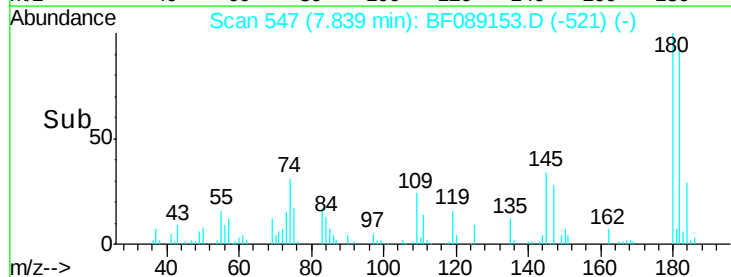
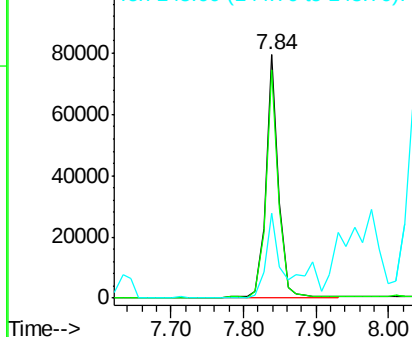


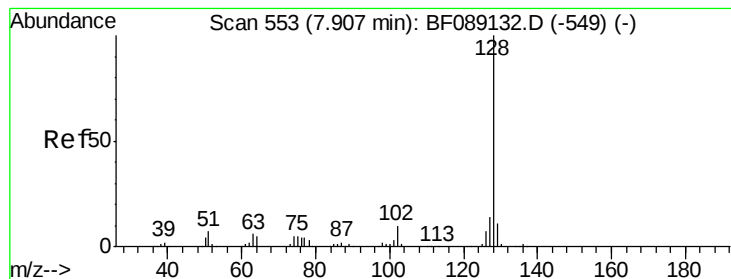
#30
 1,2,4-Trichlorobenzene
 Concen: 31.96 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.6	116.4
145	34.7	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.14 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

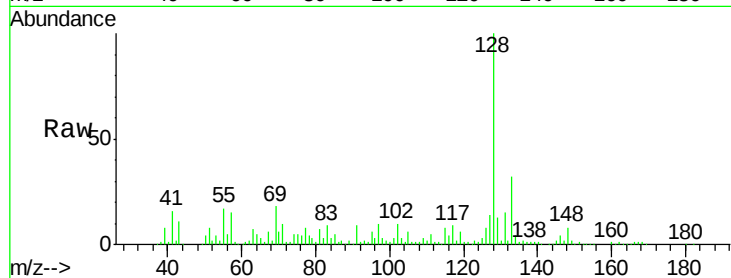
Tgt Ion:128 Resp: 401940

Ion Ratio Lower Upper

128 100

129 13.3 8.9 13.3

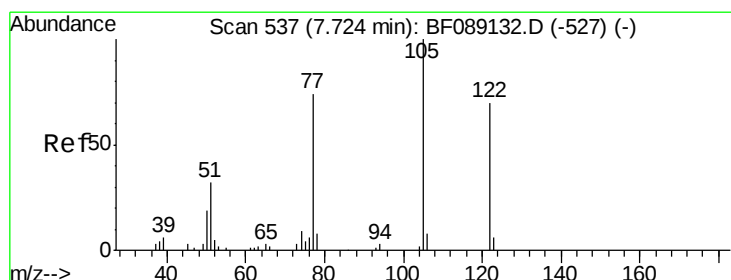
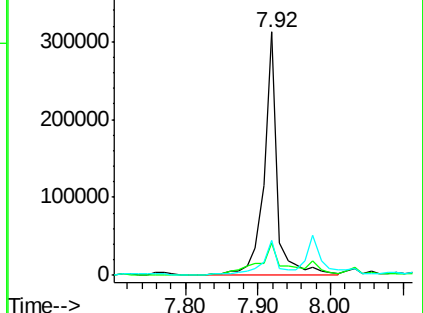
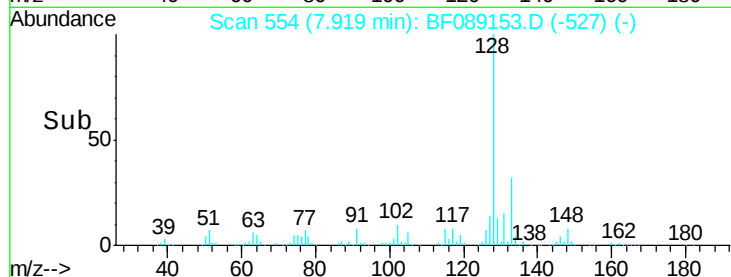
127 14.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.79 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

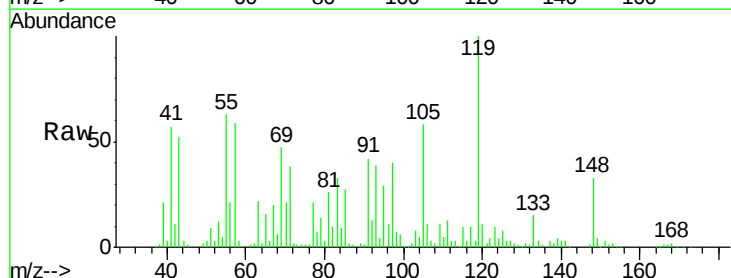
Tgt Ion:122 Resp: 9114

Ion Ratio Lower Upper

122 100

105 1381.8 119.0 159.0#

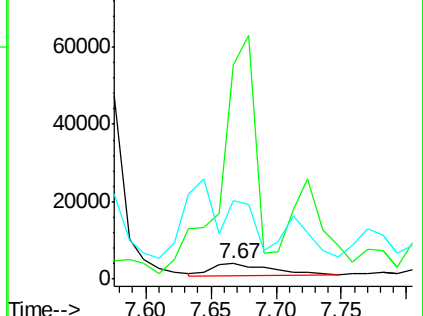
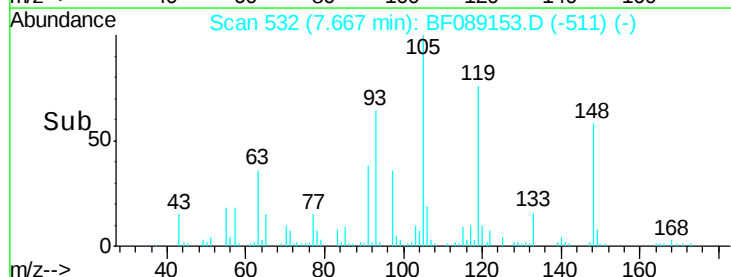
77 506.0 84.7 124.7#

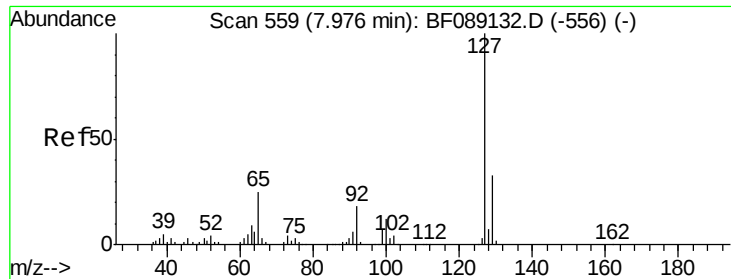


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

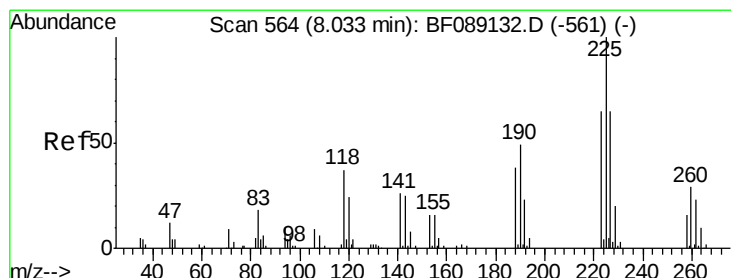
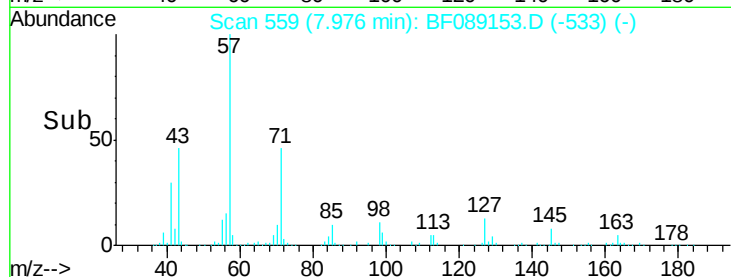
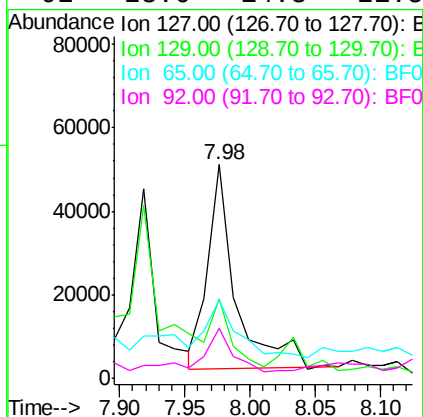
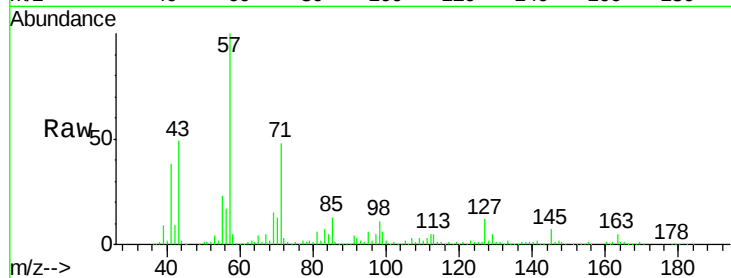




#33
 4-Chloroaniline
 Concen: 15.89 ng
 RT: 7.98 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

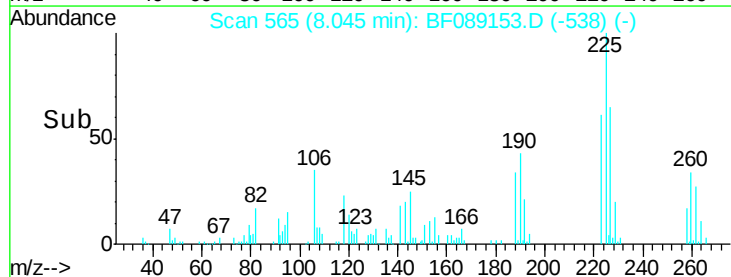
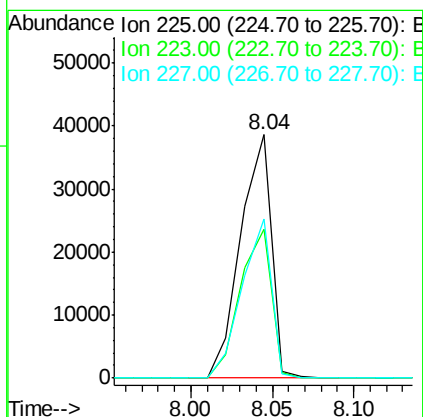
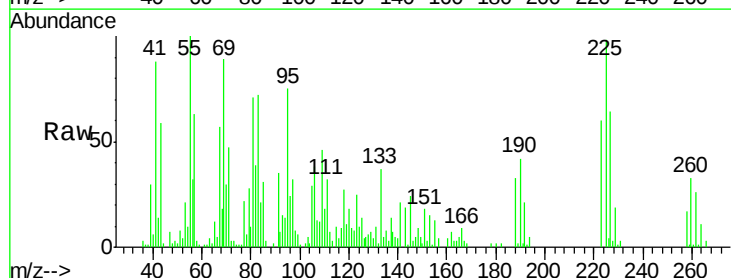
Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

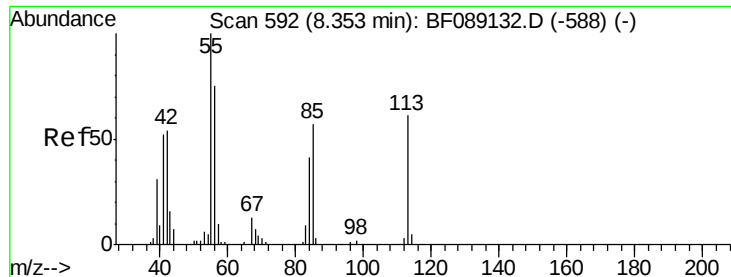
Tgt Ion:	127	Resp:	72338
Ion	Ratio	Lower	Upper
127	100		
129	37.3	25.9	38.9
65	36.8	19.7	29.5#
92	23.6	14.3	21.5#



#34
 Hexachlorobutadiene
 Concen: 29.09 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:	225	Resp:	50530
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.6	77.4
227	65.1	51.6	77.4





#35

Caprolactam

Concen: 113.48 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

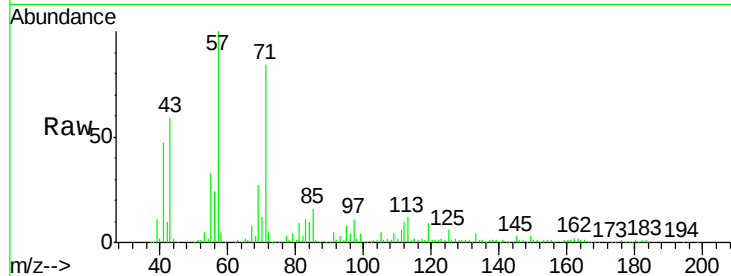
Tgt Ion:113 Resp: 99351

Ion Ratio Lower Upper

113 100

55 276.1 145.3 185.3#

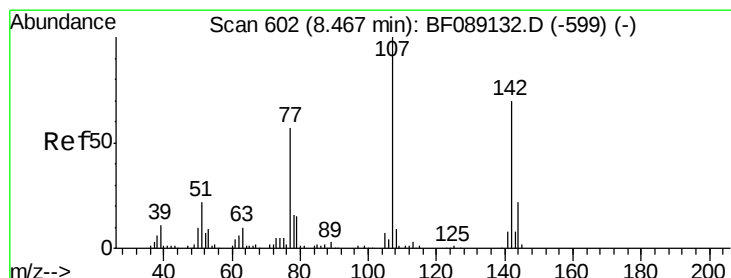
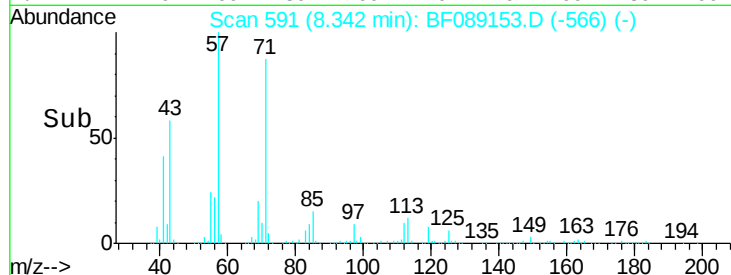
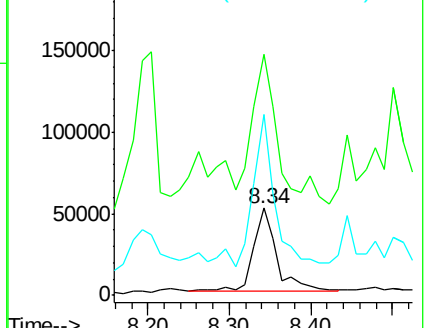
56 206.8 104.3 144.3#



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: 35.31 ng

RT: 8.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

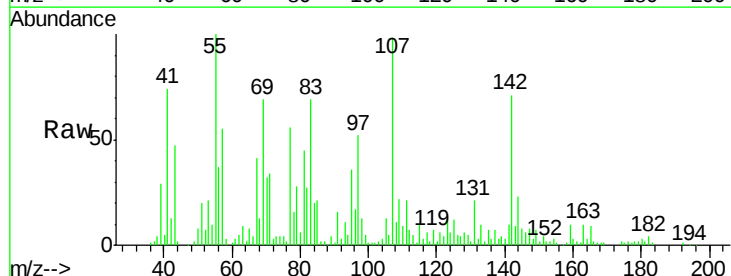
Tgt Ion:107 Resp: 119940

Ion Ratio Lower Upper

107 100

144 23.9 17.8 26.6

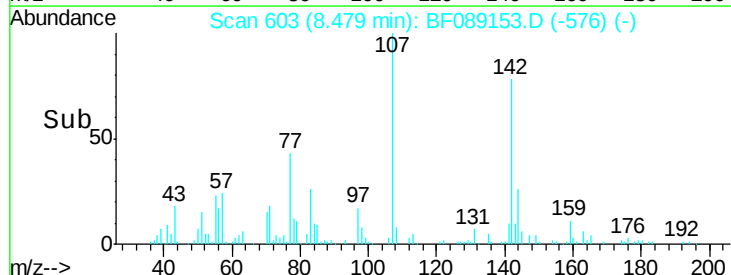
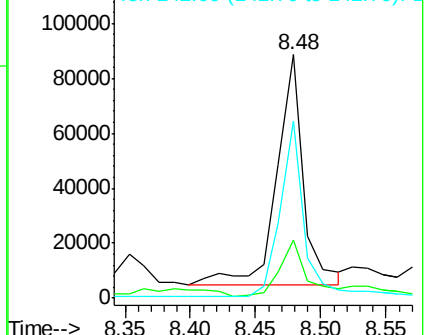
142 72.9 56.1 84.1

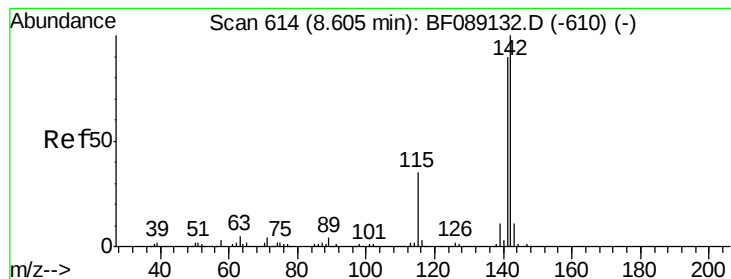


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

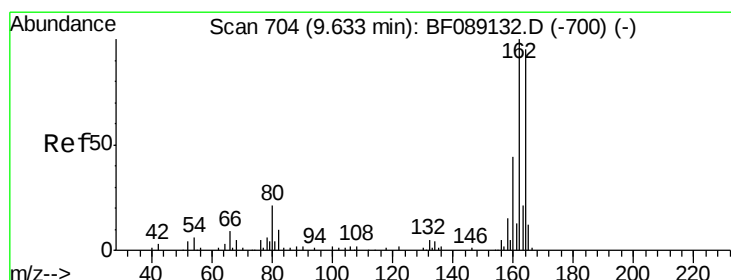
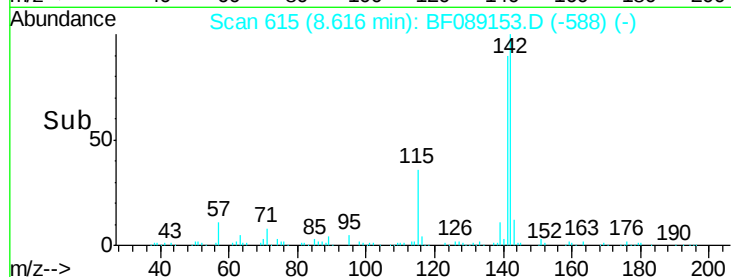
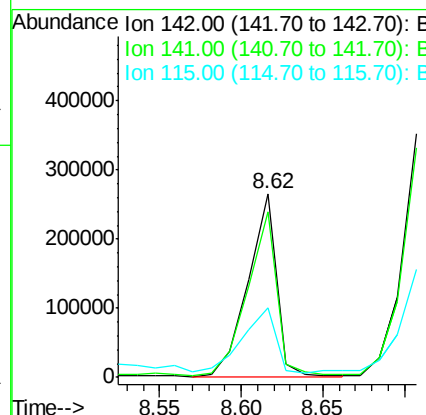
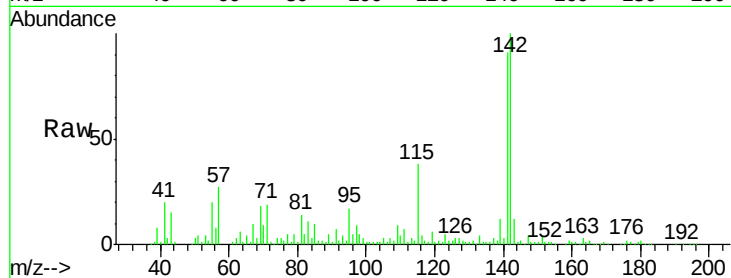




#37
 2-Methylnaphthalene
 Concen: 46.89 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

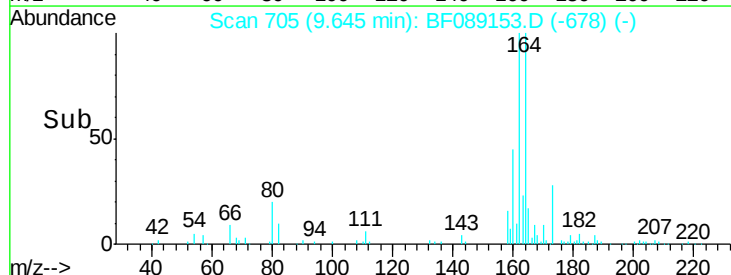
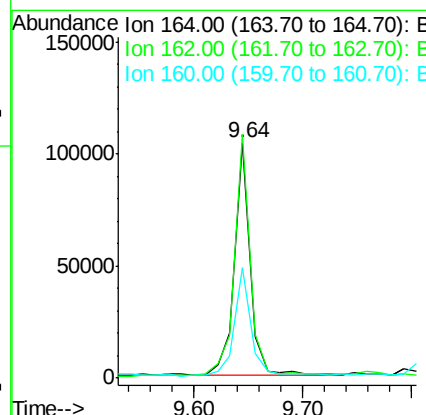
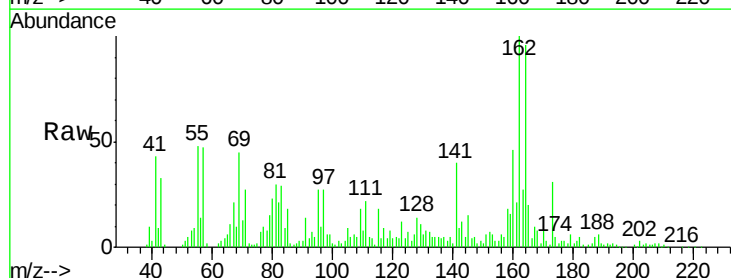
Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

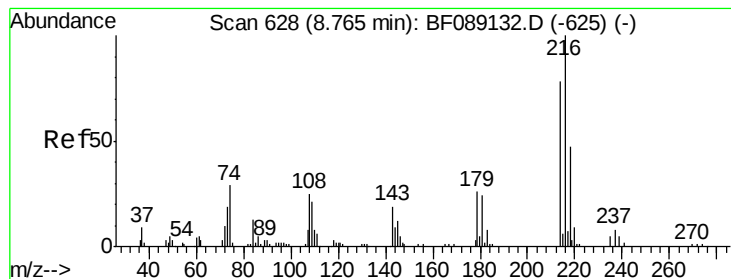
Tgt Ion:142 Resp: 323699
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.6 107.4
 115 37.6 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:164 Resp: 103867
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.1 126.1
 160 47.3 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.09 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

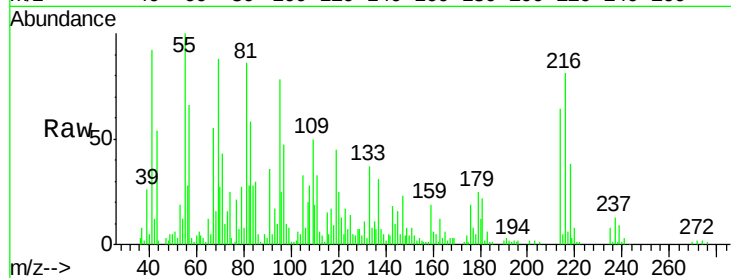
Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

Tgt Ion:	216	Resp:	85286
Ion Ratio	Lower	Upper	
216	100		
214	78.5	61.9	92.9
179	28.3	18.4	27.6#
108	27.9	17.0	25.6#

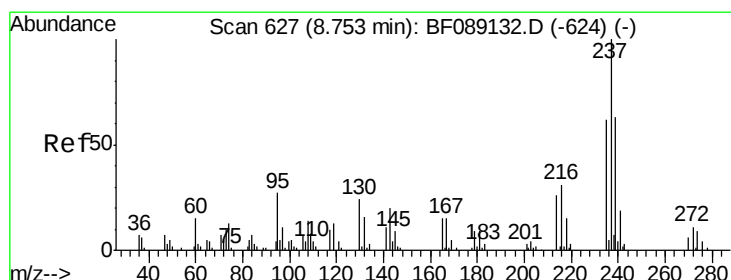
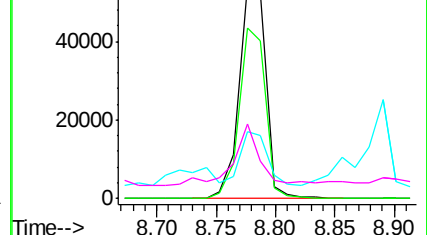
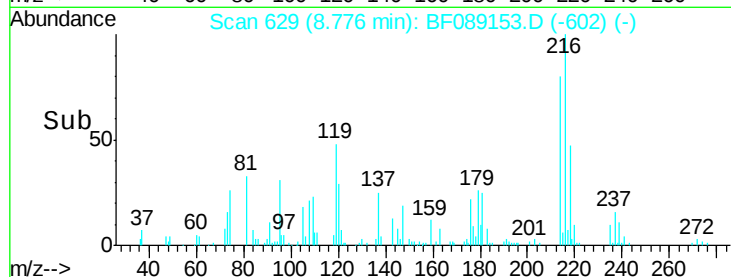


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.62 ng

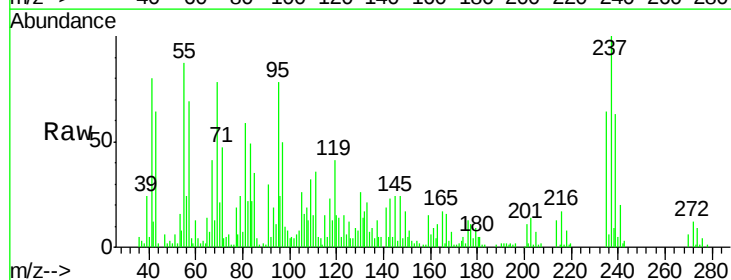
RT: 8.76 min Scan# 628

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

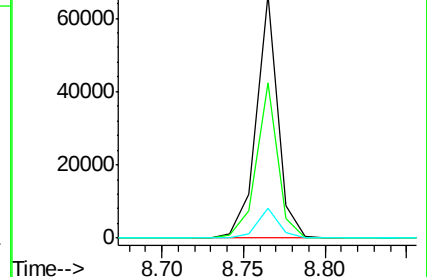
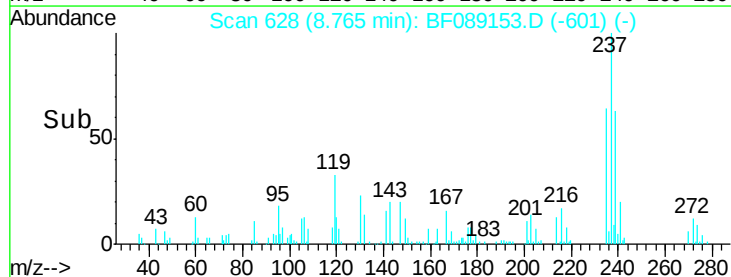
Tgt Ion:	237	Resp:	60936
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.1	82.1
272	12.3	0.0	31.4

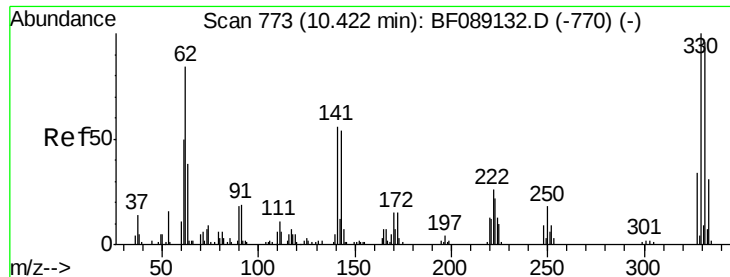


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

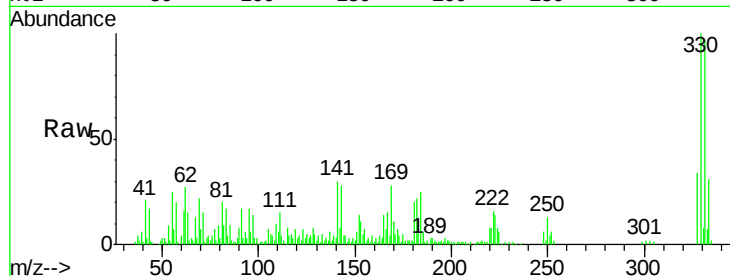




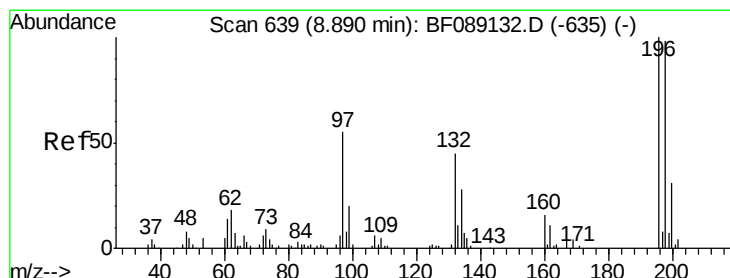
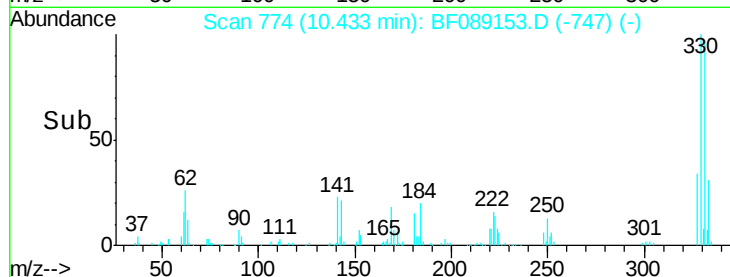
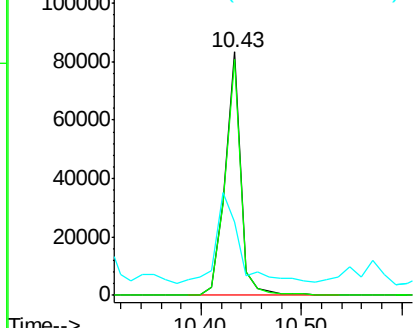
#41
 2,4,6-Tribromophenol
 Concen: 96.72 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion:330 Resp: 90449
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 57.6 42.2 63.2

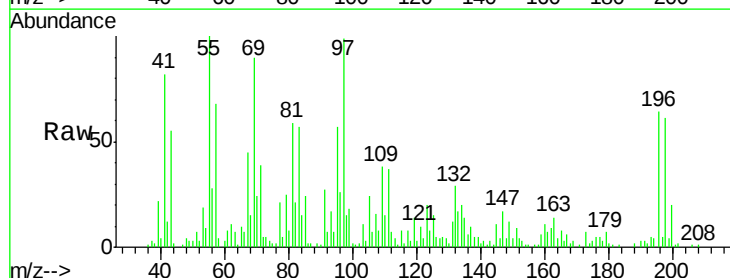


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

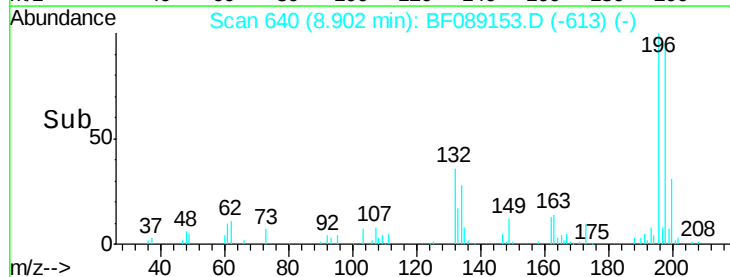
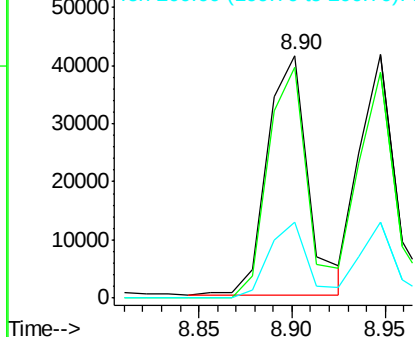


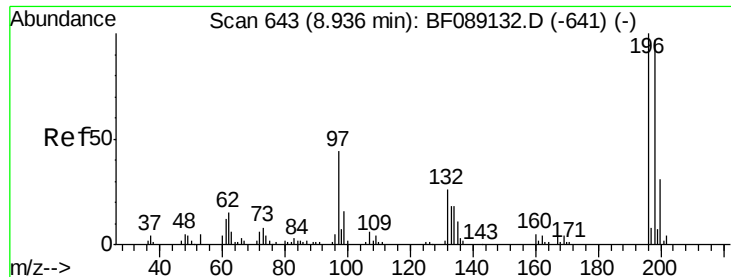
#42
 2,4,6-Trichlorophenol
 Concen: 29.09 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:196 Resp: 62853
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.3 117.5
 200 31.3 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

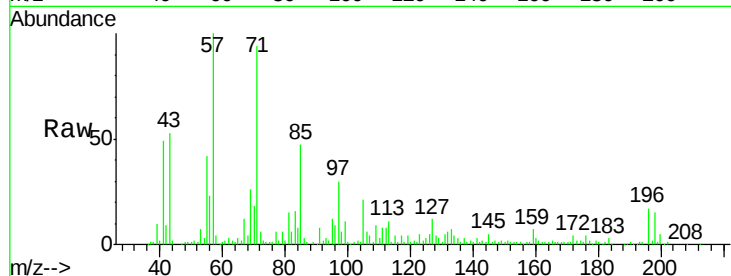




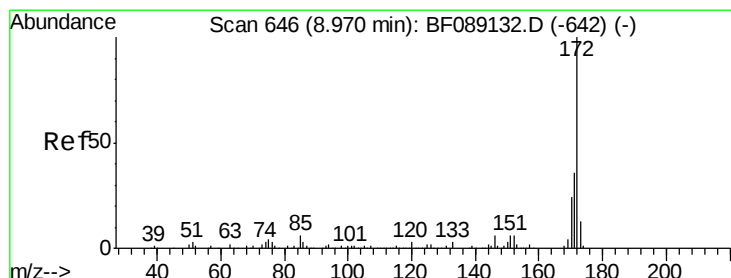
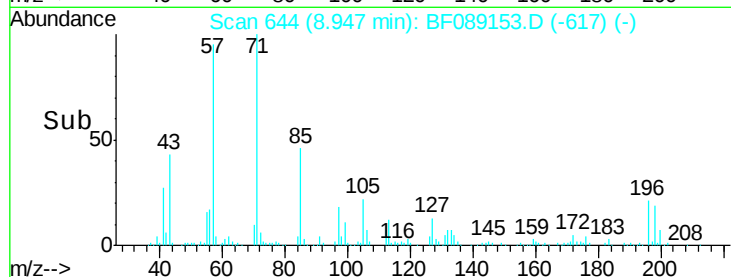
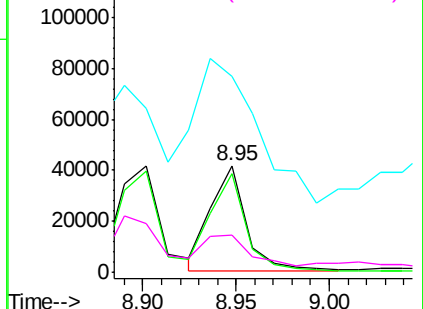
#43
 2,4,5-Trichlorophenol
 Concen: 25.59 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion:196 Resp: 55513
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.6 116.4
 97 183.6 36.5 54.7#
 132 34.5 21.2 31.8#

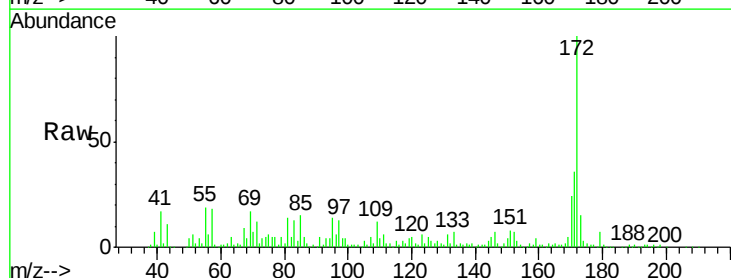


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

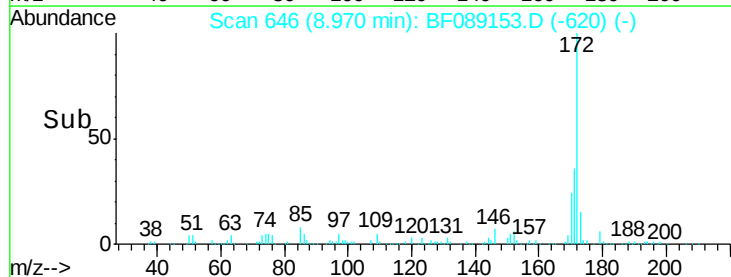
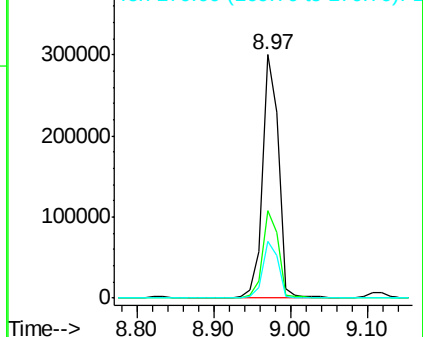


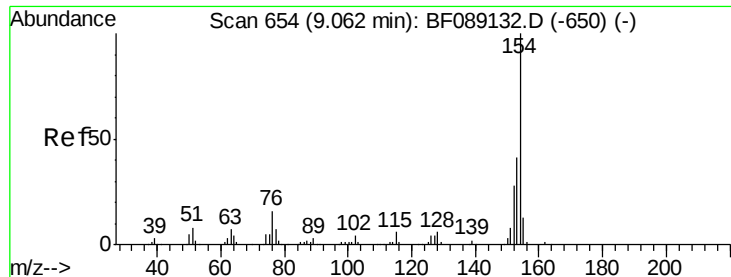
#44
 2-Fluorobiphenyl
 Concen: 56.87 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:172 Resp: 428728
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 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: 27.30 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

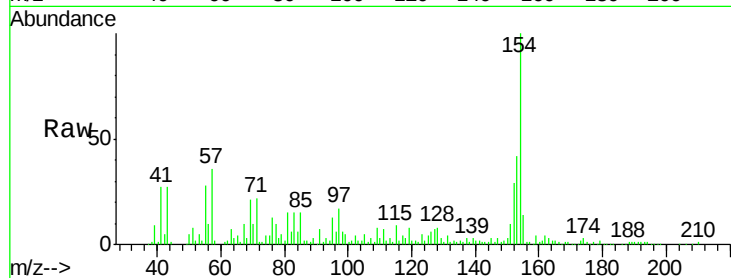
Tgt Ion:154 Resp: 255351

Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

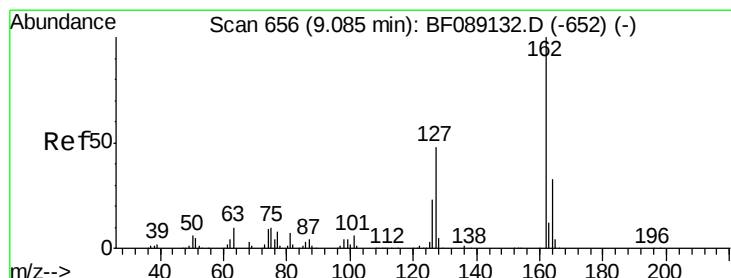
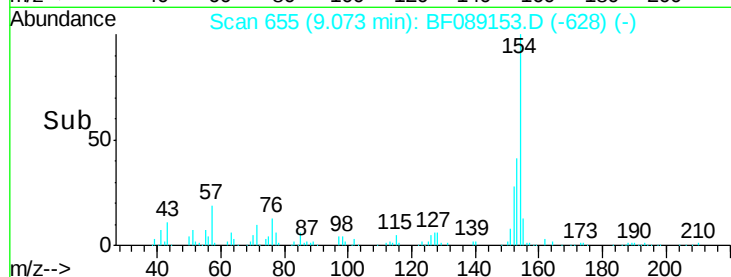
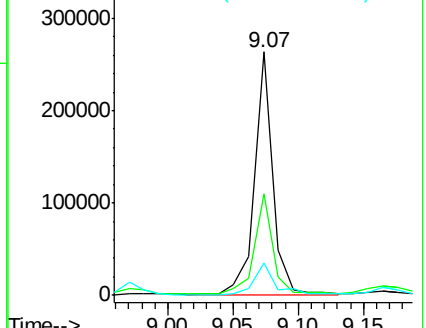
76 13.1 0.0 35.8



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: 27.73 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

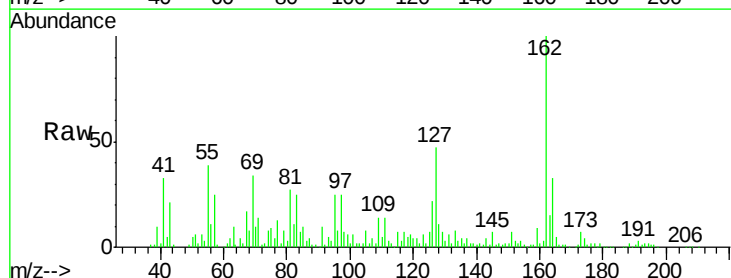
Tgt Ion:162 Resp: 197129

Ion Ratio Lower Upper

162 100

127 46.8 38.1 57.1

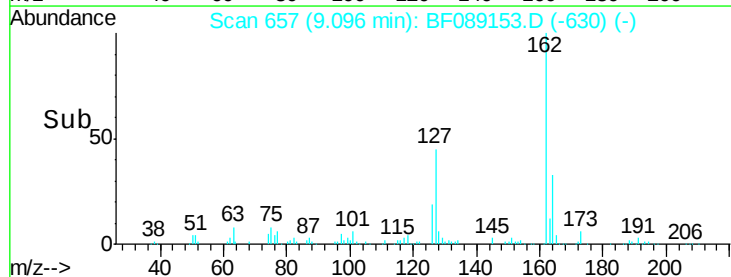
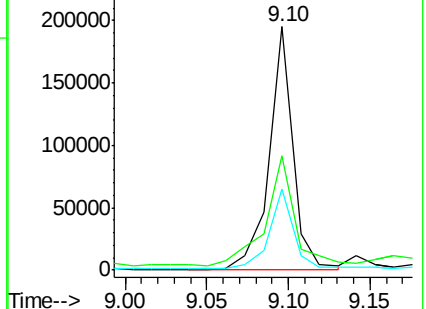
164 33.3 26.1 39.1

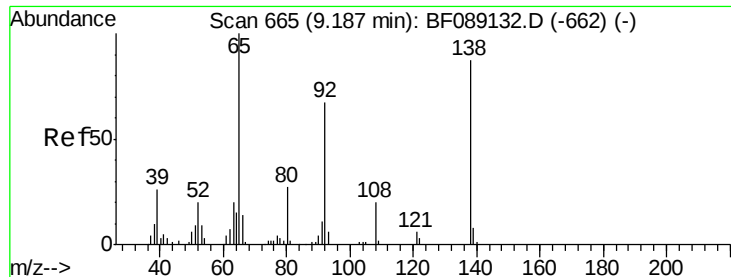


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

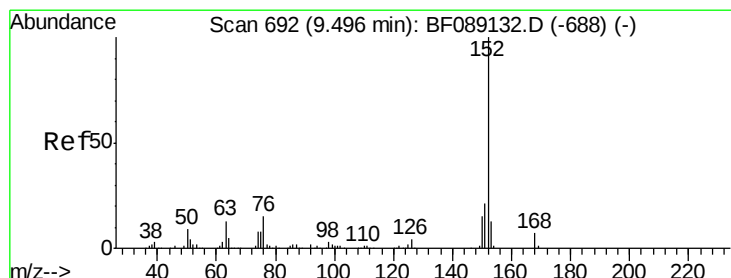
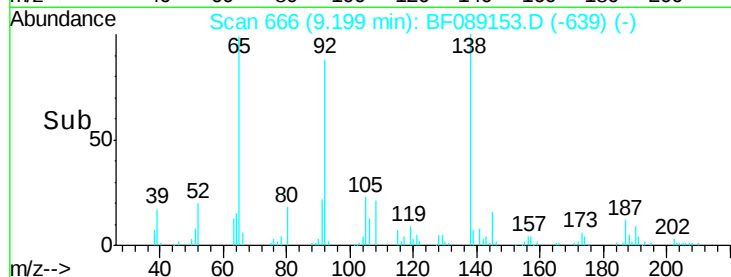
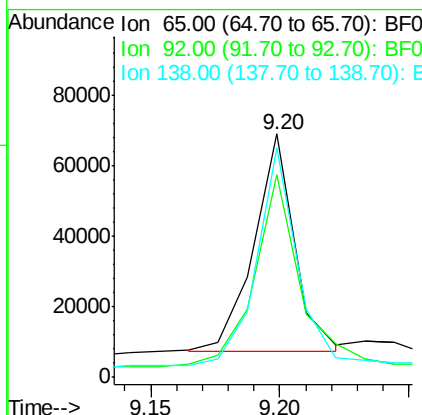
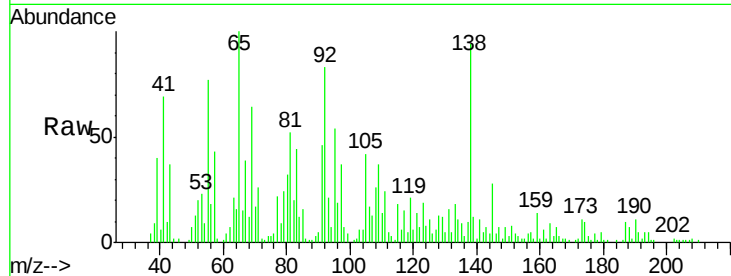




#47
2-Nitroaniline
Concen: 27.40 ng m
RT: 9.20 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

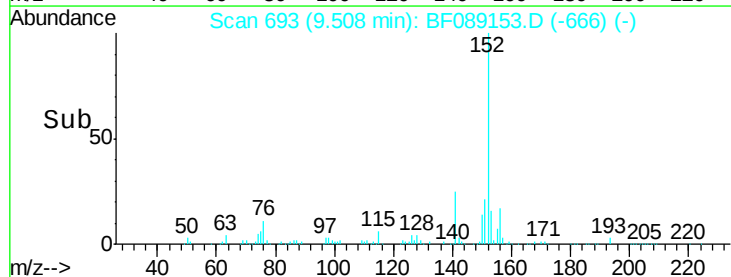
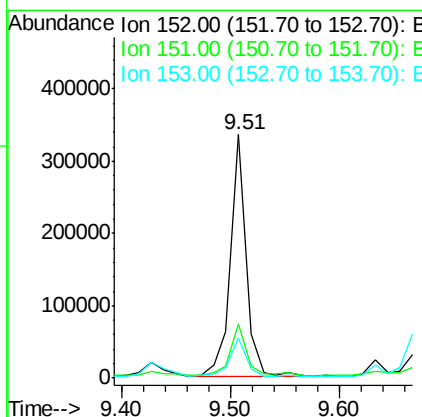
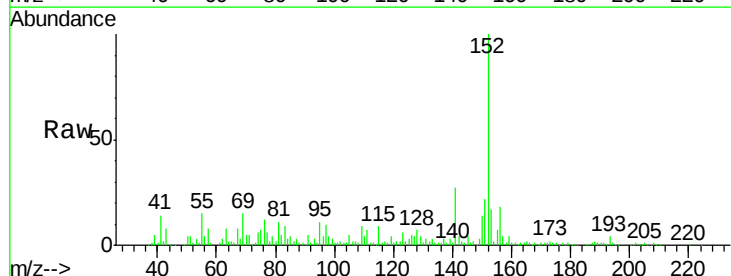
Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0MS

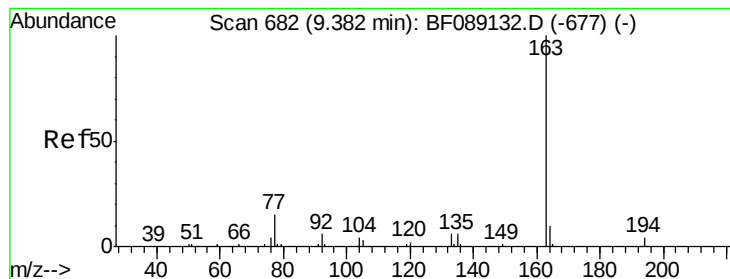
Tgt Ion: 65 Resp: 66814
Ion Ratio Lower Upper
65 100
92 83.3 53.2 79.8#
138 94.3 69.4 104.2



#48
Acenaphthylene
Concen: 29.91 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Tgt Ion: 152 Resp: 334226
Ion Ratio Lower Upper
152 100
151 22.0 16.5 24.7
153 16.5 10.7 16.1#





#49

Dimethylphthalate

Concen: 42.38 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

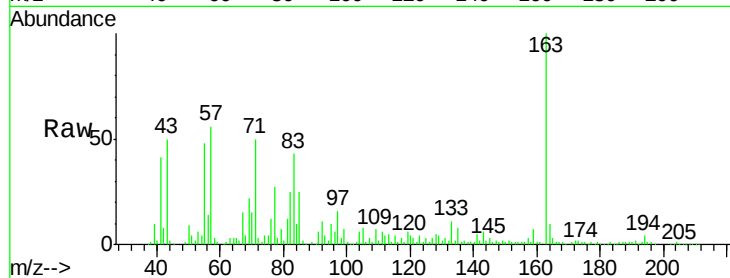
Tgt Ion:163 Resp: 337798

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

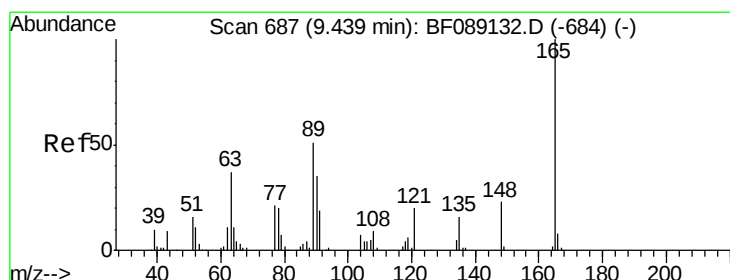
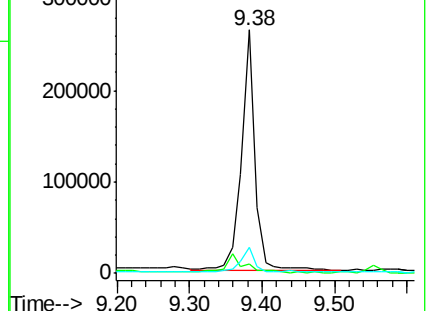
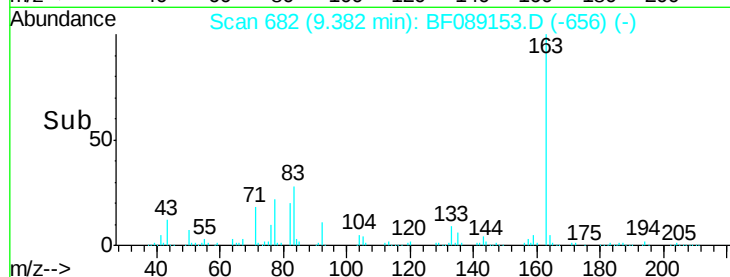
164 10.5 7.6 11.4



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: 28.49 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

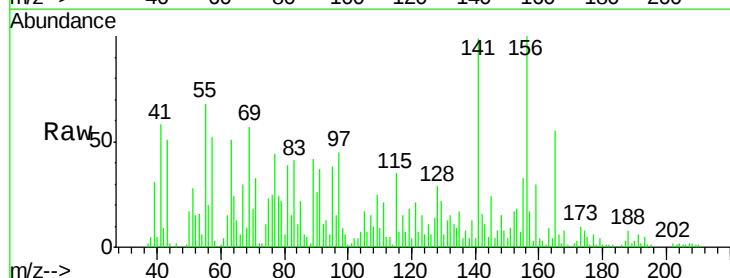
Tgt Ion:165 Resp: 51263

Ion Ratio Lower Upper

165 100

63 92.5 37.0 55.4#

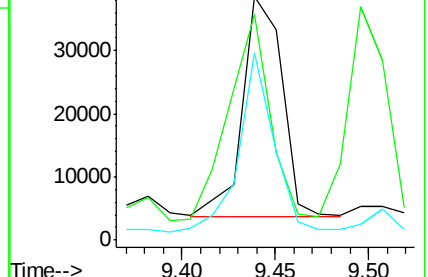
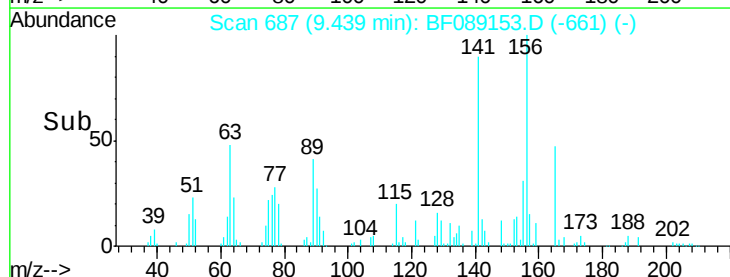
89 76.7 40.9 61.3#

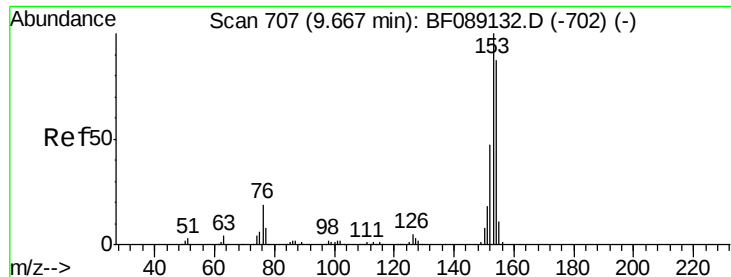


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.41 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

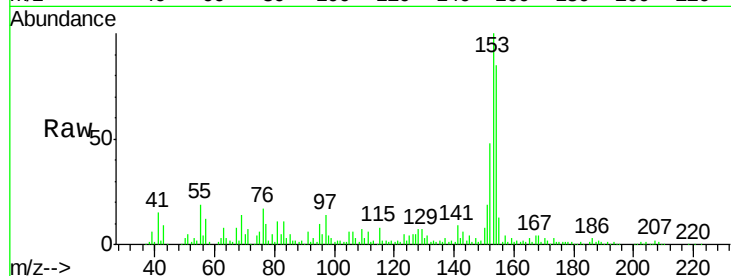
Tgt Ion:154 Resp: 214263

Ion Ratio Lower Upper

154 100

153 117.1 91.9 137.9

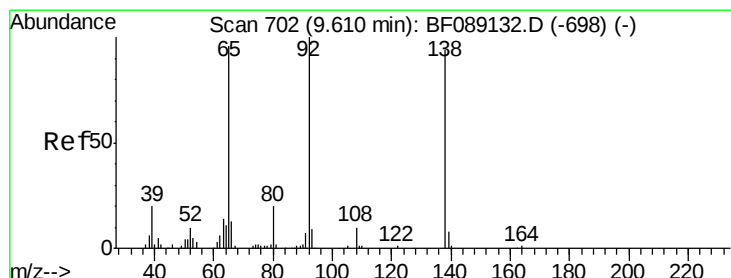
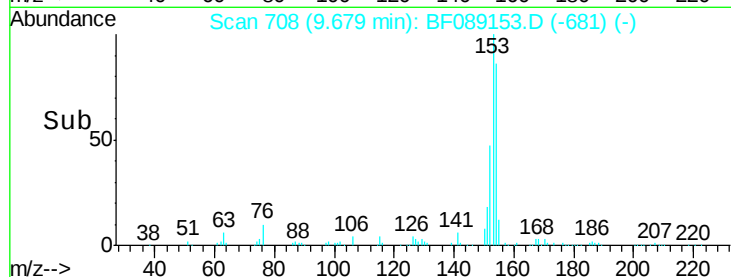
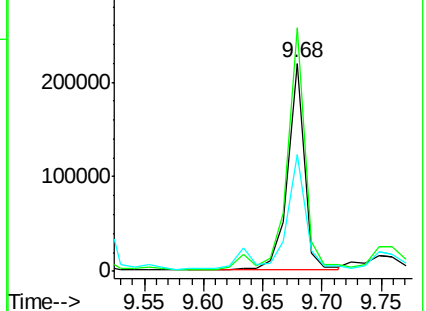
152 56.3 42.8 64.2



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: 27.30 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

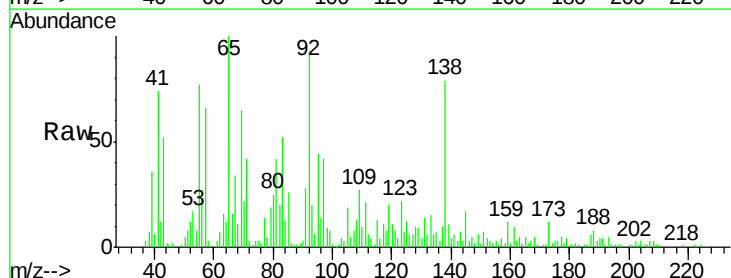
Tgt Ion:138 Resp: 58333

Ion Ratio Lower Upper

138 100

108 16.3 8.8 13.2#

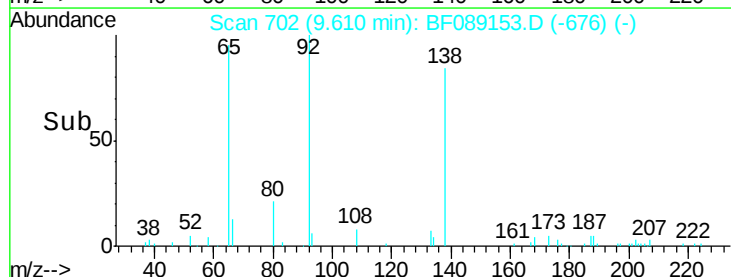
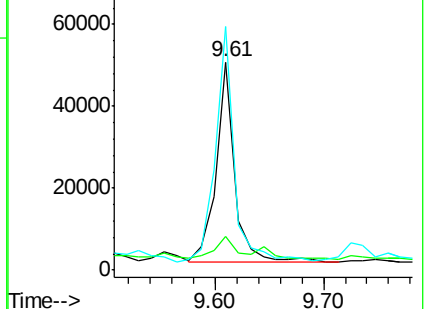
92 117.2 85.3 127.9

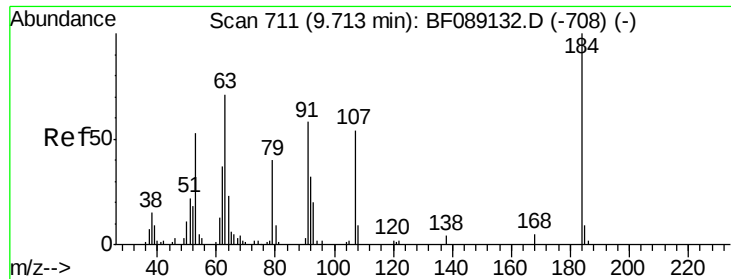


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

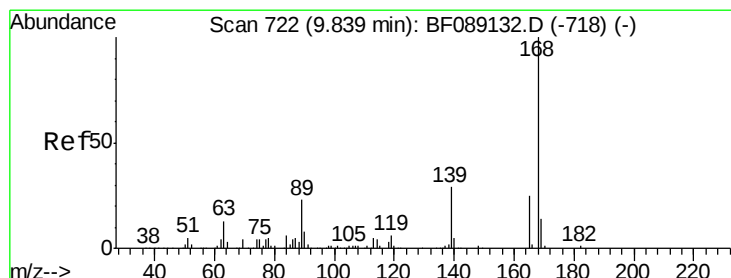
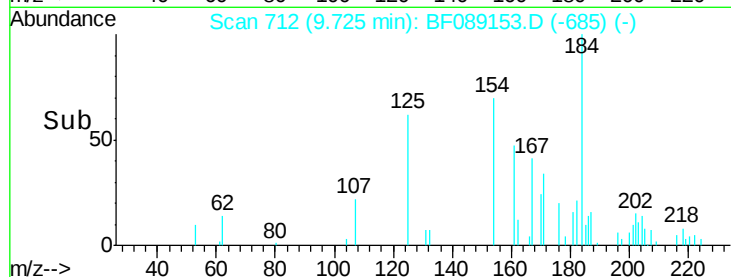
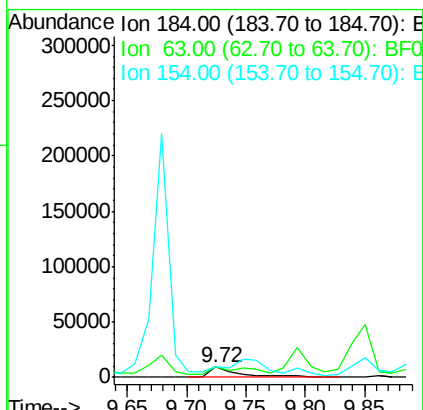
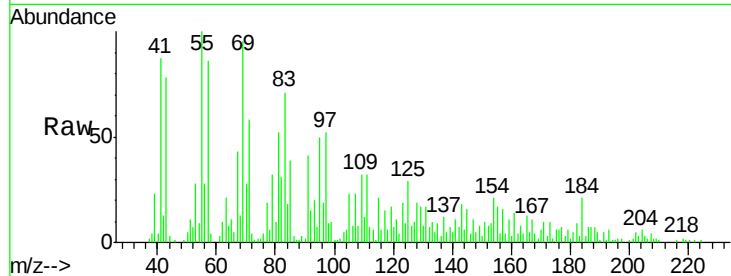




#53
2,4-Dinitrophenol
Concen: 24.37 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

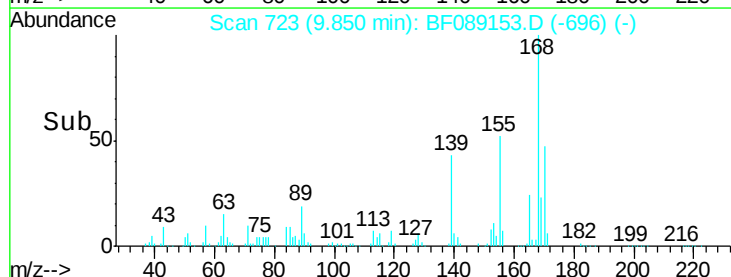
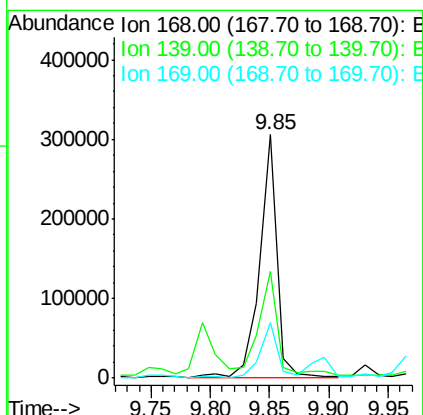
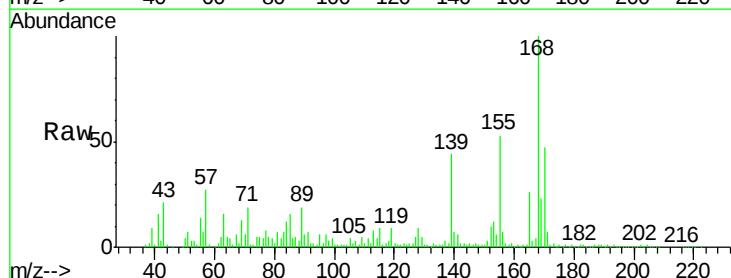
Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0MS

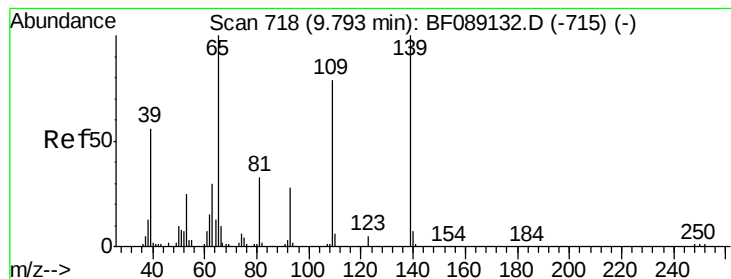
Tgt Ion:184 Resp: 16269
Ion Ratio Lower Upper
184 100
63 101.0 60.3 90.5#
154 101.0 60.7 91.1#



#54
Dibenzofuran
Concen: 34.84 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Tgt Ion:168 Resp: 311213
Ion Ratio Lower Upper
168 100
139 43.6 34.4 51.6
169 23.0 10.8 16.2#





#55

4-Nitrophenol

Concen: 70.83 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

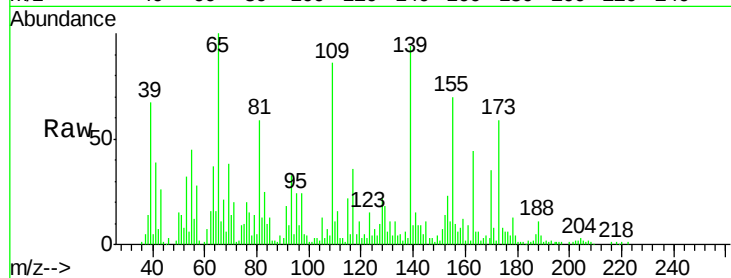
Tgt Ion:139 Resp: 91586

Ion Ratio Lower Upper

139 100

109 92.2 58.7 98.7

65 106.9 80.2 120.2

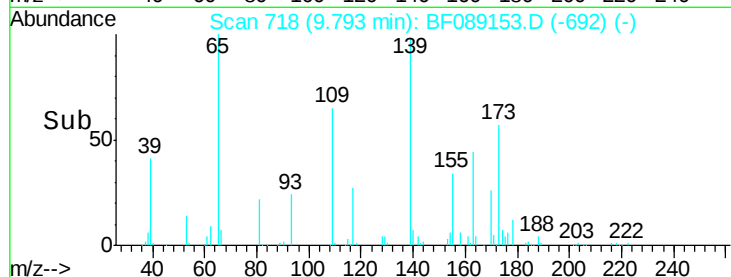


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



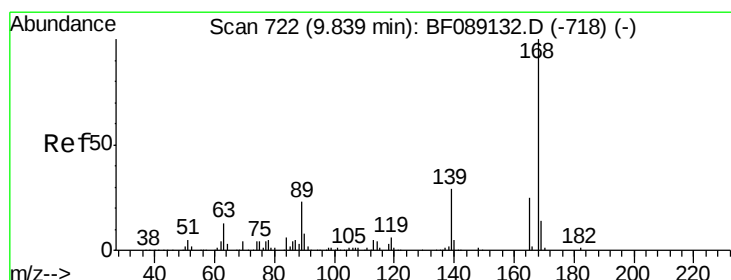
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 40.06 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion:165 Resp: 92846

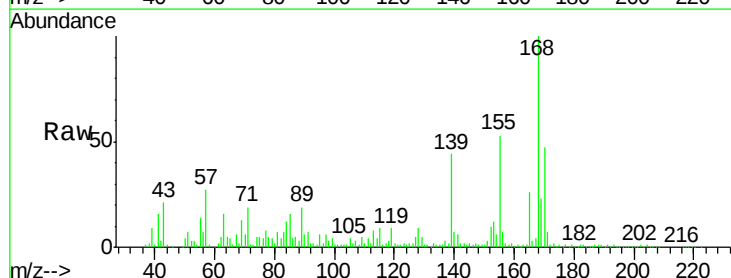
Ion Ratio Lower Upper

165 100

63 60.1 55.4 83.2

89 75.2 74.3 111.5

182 4.1 2.0 3.0#



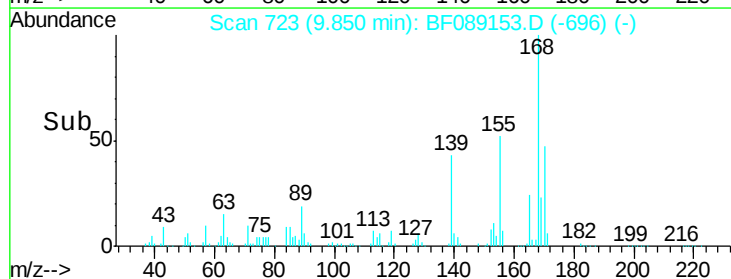
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

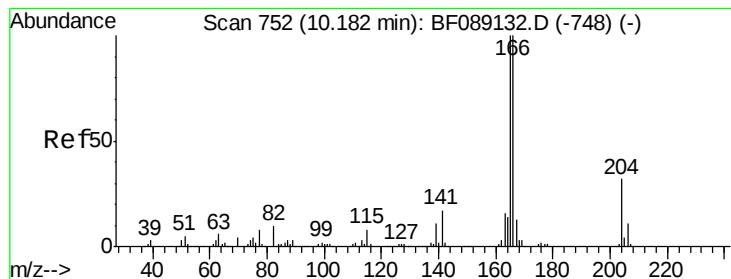
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 35.33 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

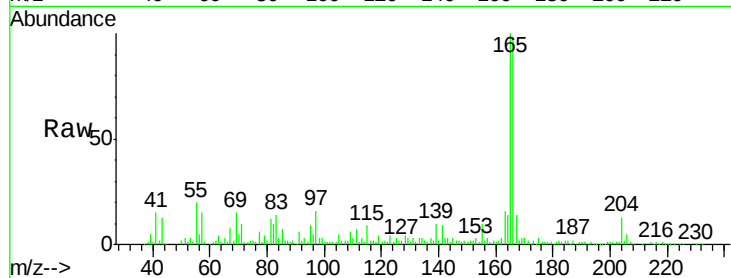
Tgt Ion:166 Resp: 267898

Ion Ratio Lower Upper

166 100

165 101.6 79.9 119.9

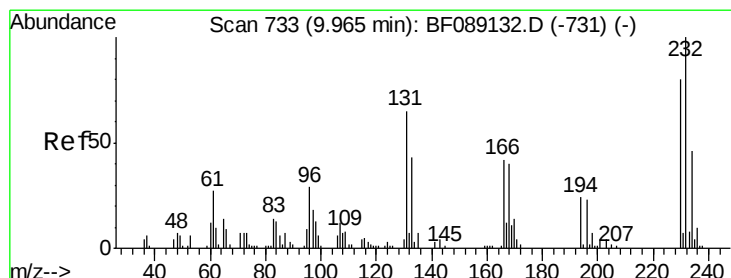
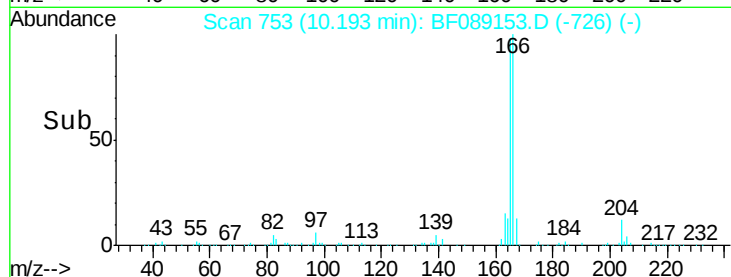
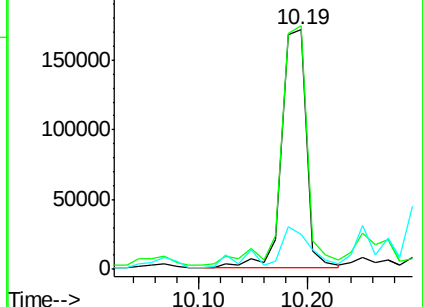
167 14.3 10.7 16.1



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: 34.18 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion:232 Resp: 53242

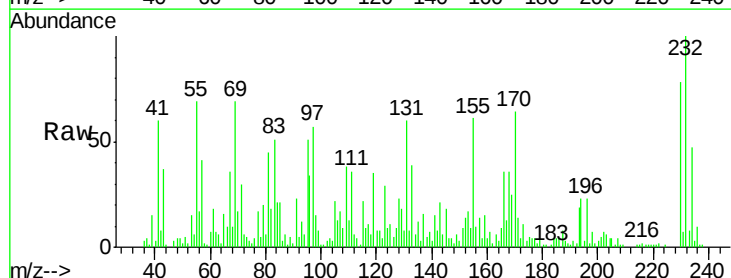
Ion Ratio Lower Upper

232 100

131 68.5 46.2 69.2

130 11.6 2.3 3.5#

166 36.1 29.5 44.3

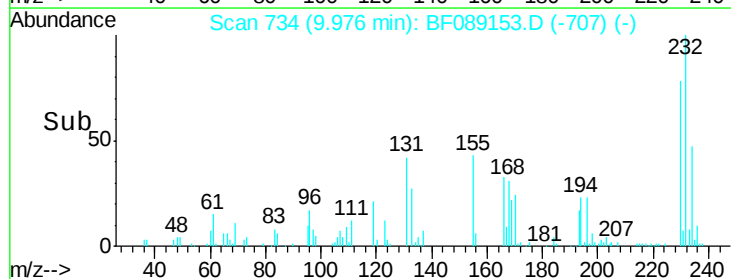
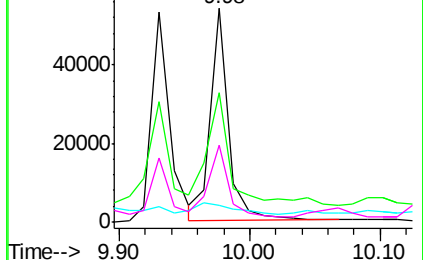


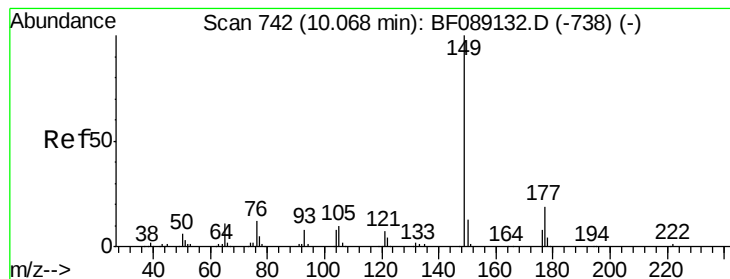
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.76 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

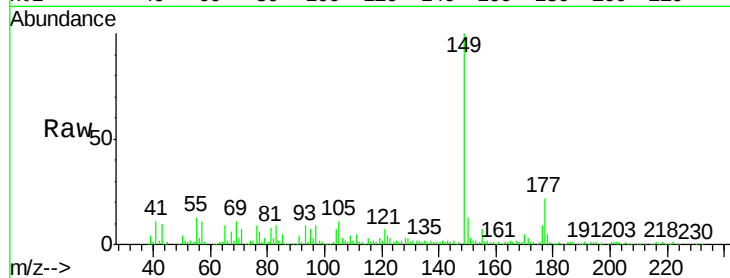
Tgt Ion:149 Resp: 258942

Ion Ratio Lower Upper

149 100

177 22.0 15.6 23.4

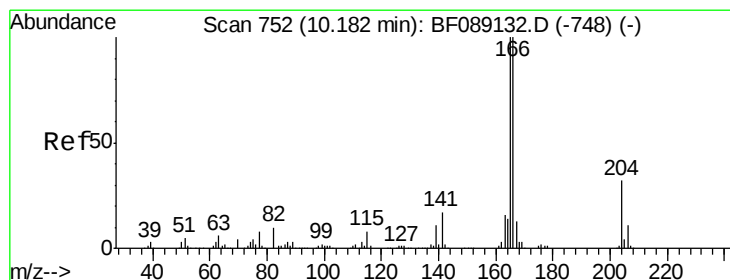
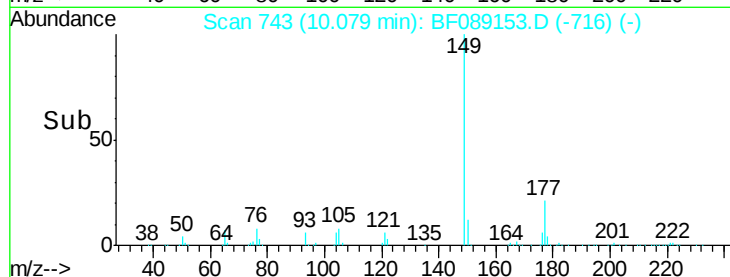
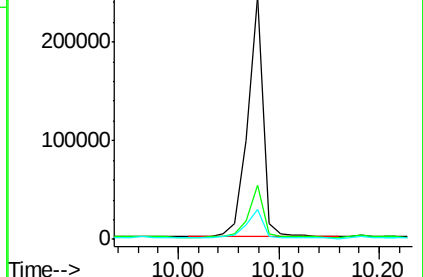
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.40 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

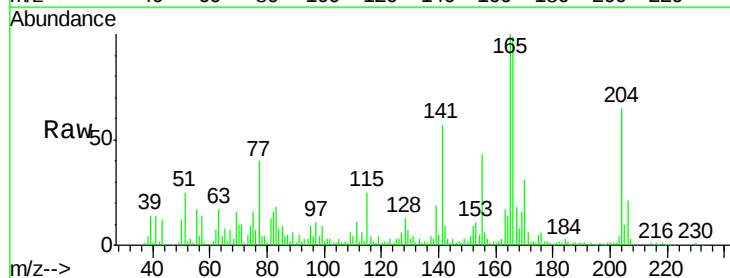
Tgt Ion:204 Resp: 101763

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.4

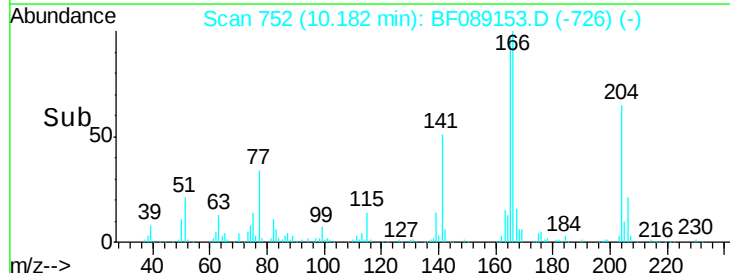
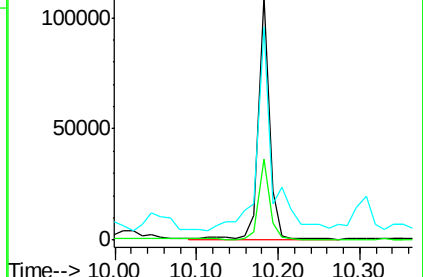
141 87.2 42.2 63.4#

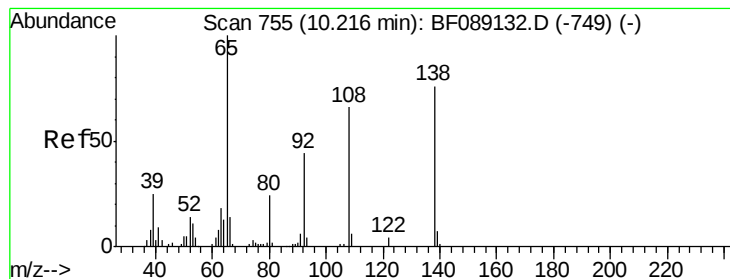


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.71 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

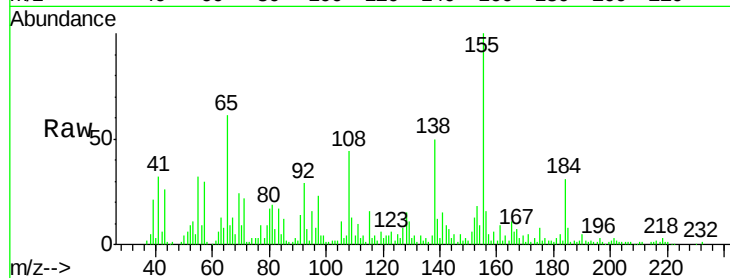
Tgt Ion:138 Resp: 57620

Ion Ratio Lower Upper

138 100

92 58.7 37.2 77.2

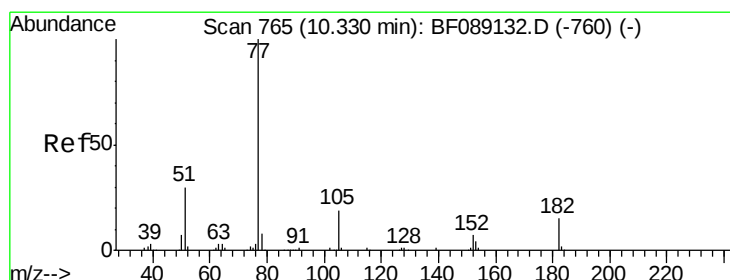
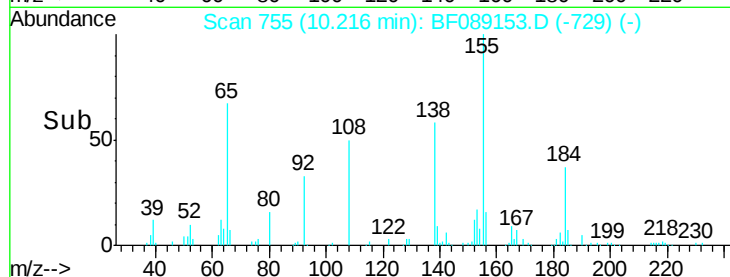
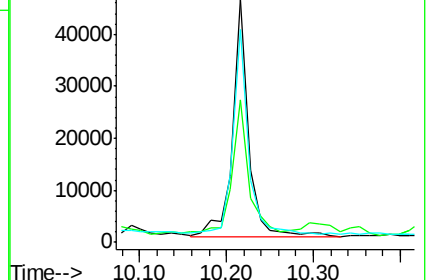
108 87.4 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.57 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Tgt Ion: 77 Resp: 288367

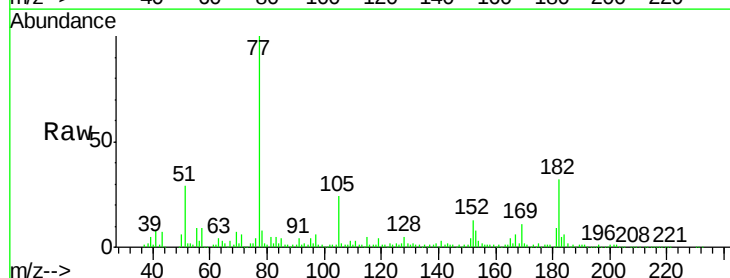
Ion Ratio Lower Upper

77 100

182 32.4 0.0 35.0

105 23.6 0.0 39.4

51 28.6 10.7 50.7

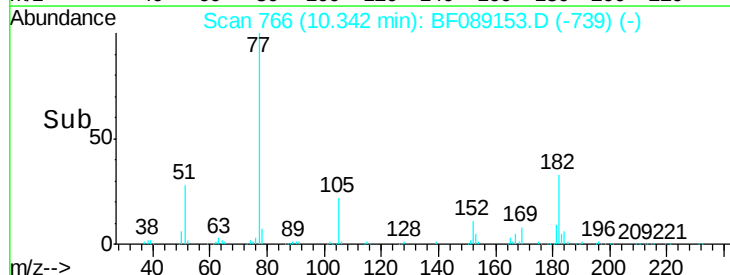
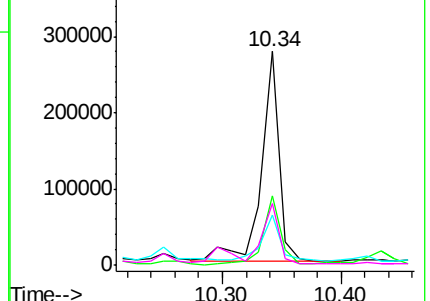


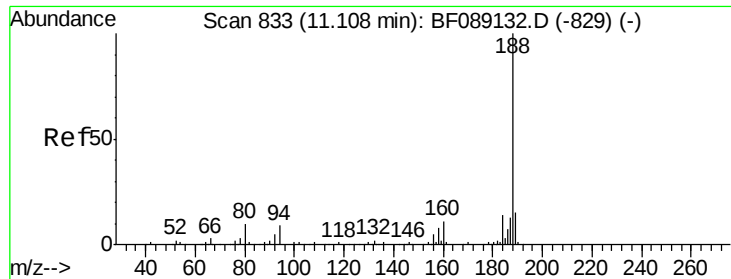
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

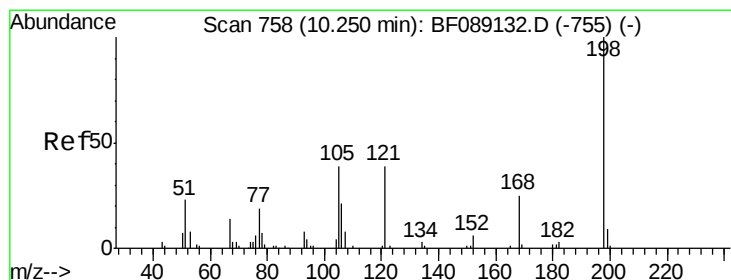
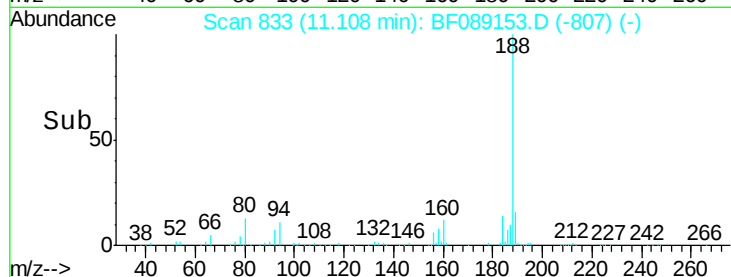
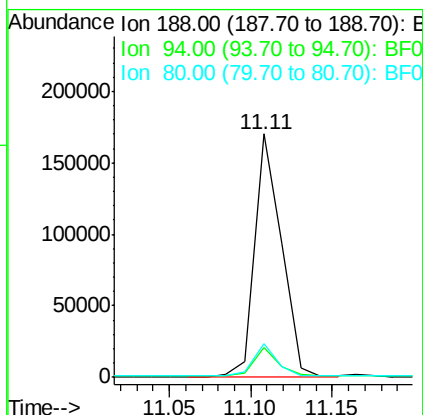
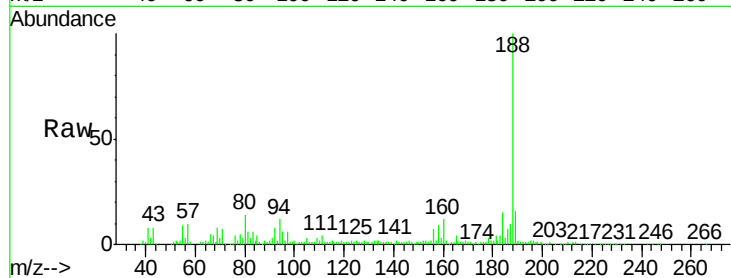




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

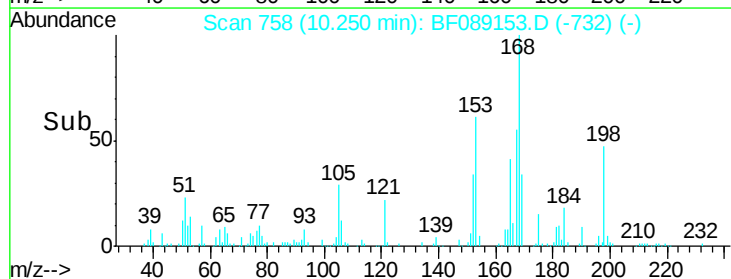
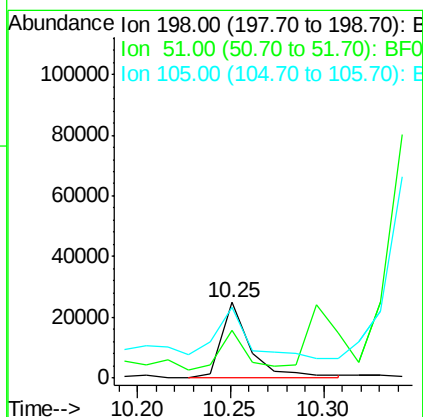
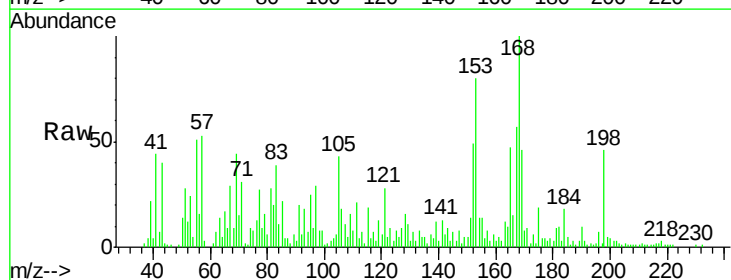
Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0MS

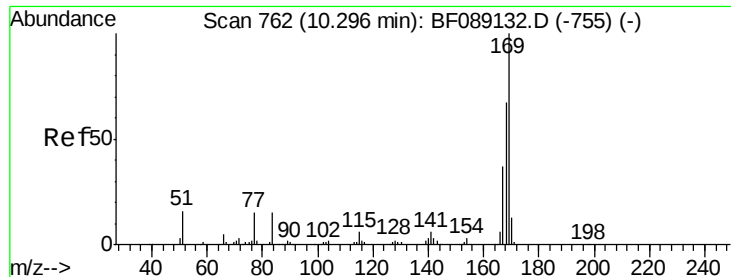
Tgt Ion:188 Resp: 196009
Ion Ratio Lower Upper
188 100
94 12.1 7.0 10.4#
80 13.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 22.93 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089153.D
Acq: 21 Jul 2016 1:52

Tgt Ion:198 Resp: 26166
Ion Ratio Lower Upper
198 100
51 62.2 11.7 51.7#
105 93.2 20.3 60.3#





#65

n-Nitrosodiphenylamine

Concen: 43.24 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

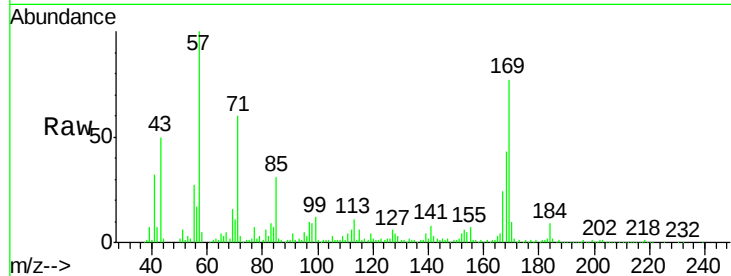
Tgt Ion:169 Resp: 283246

Ion Ratio Lower Upper

169 100

168 55.5 53.4 80.0

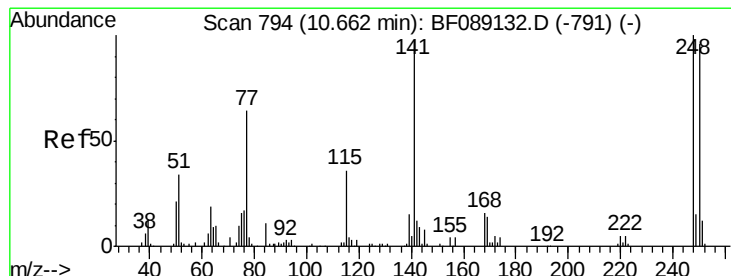
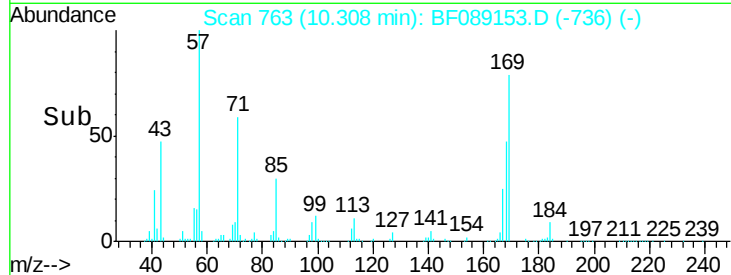
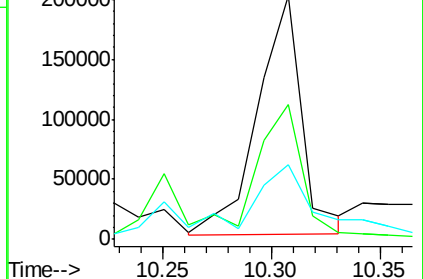
167 30.6 29.5 44.3



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: 30.71 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

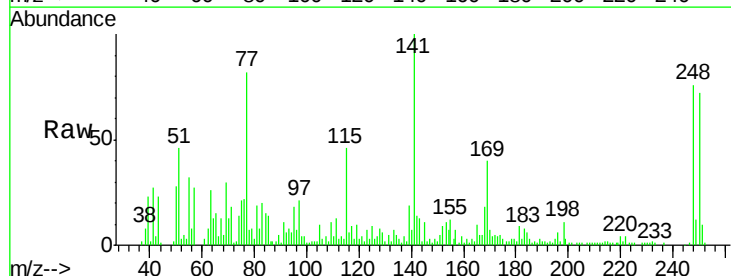
Tgt Ion:248 Resp: 59564

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

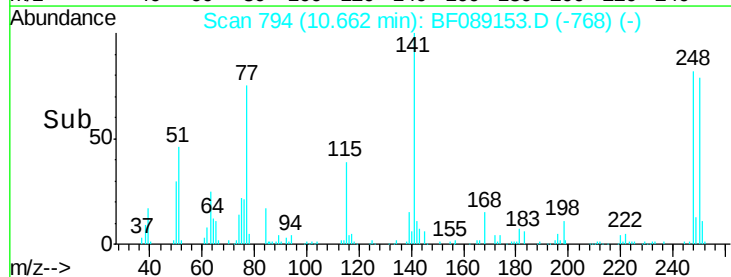
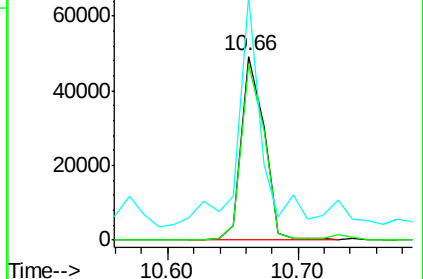
141 132.4 77.4 116.2#

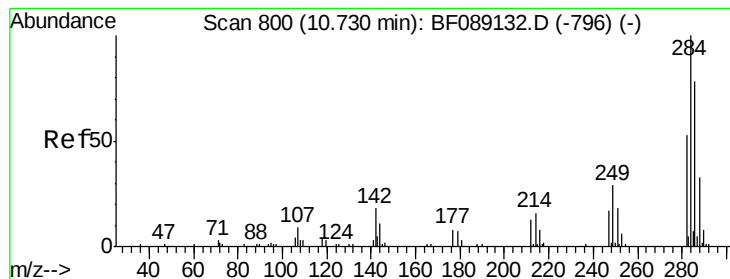


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.22 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

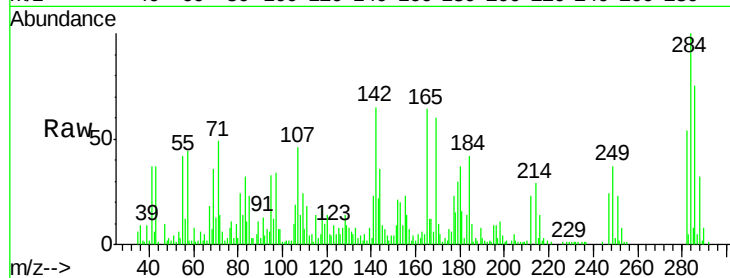
Tgt Ion:284 Resp: 58869

Ion Ratio Lower Upper

284 100

142 65.4 14.1 21.1#

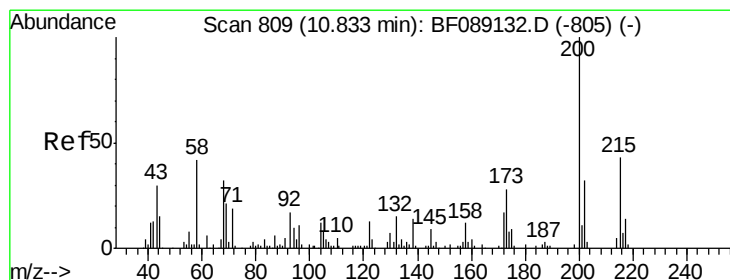
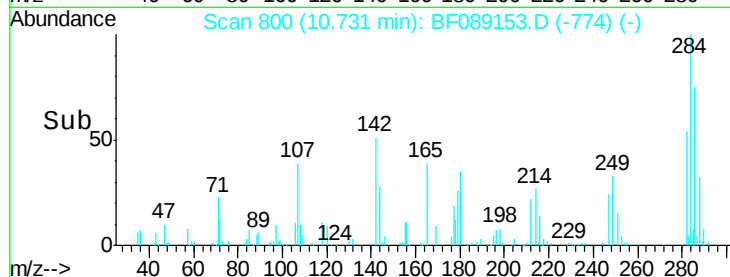
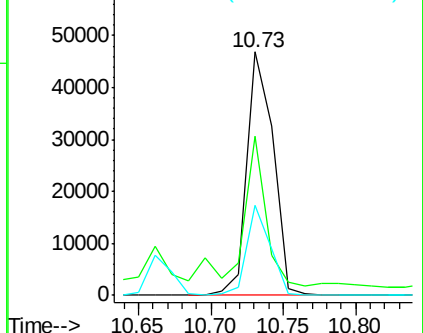
249 37.0 23.0 34.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.75 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

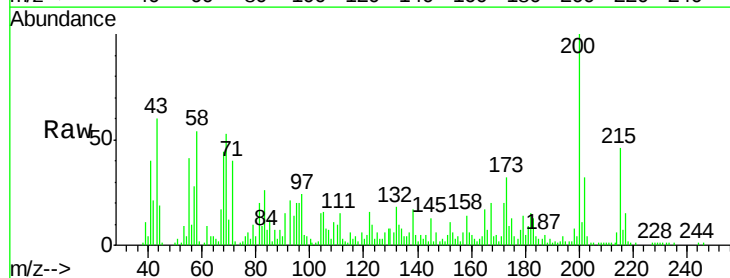
Tgt Ion:200 Resp: 65045

Ion Ratio Lower Upper

200 100

173 31.7 7.8 47.8

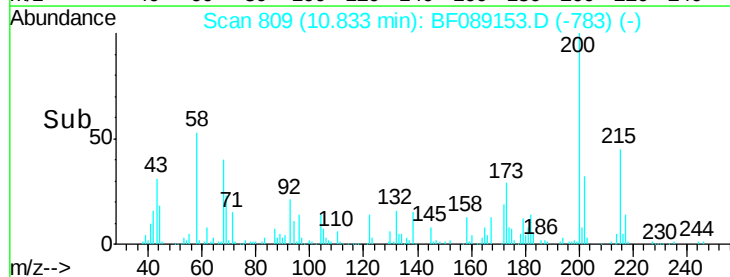
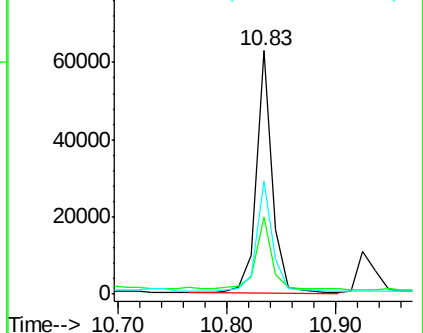
215 46.2 22.9 62.9

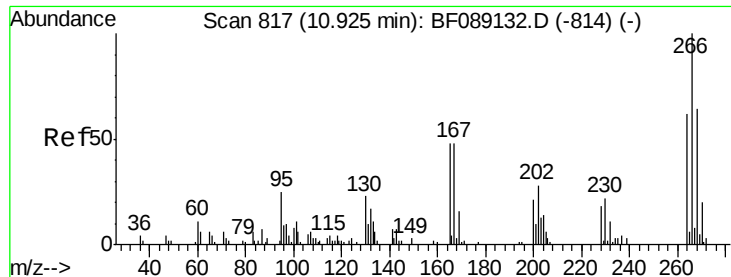


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

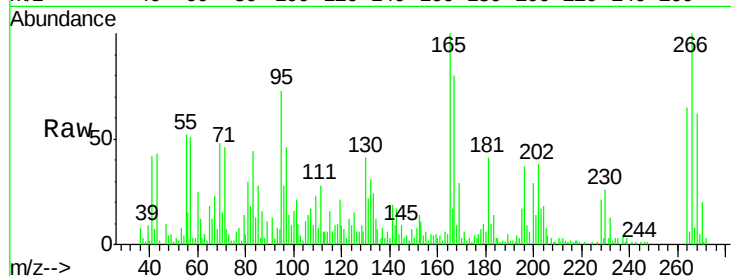




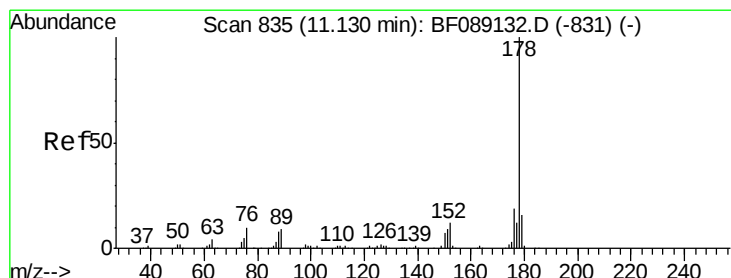
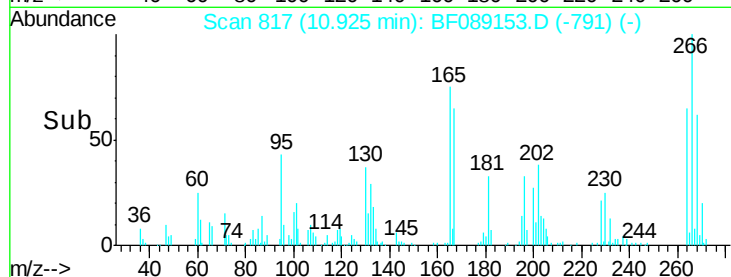
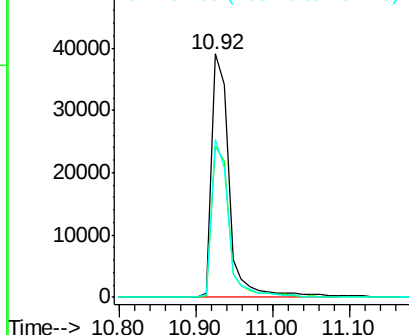
#69
 Pentachlorophenol
 Concen: 64.58 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion:266 Resp: 62152
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.2 76.8
 264 65.0 49.7 74.5

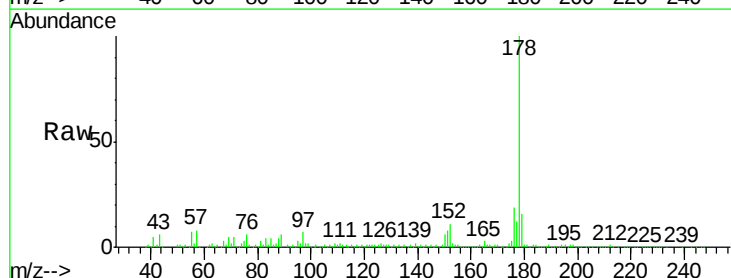


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

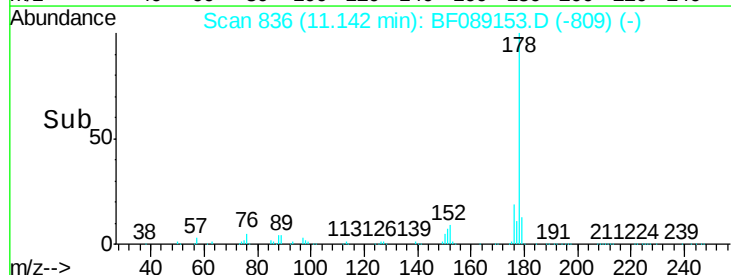
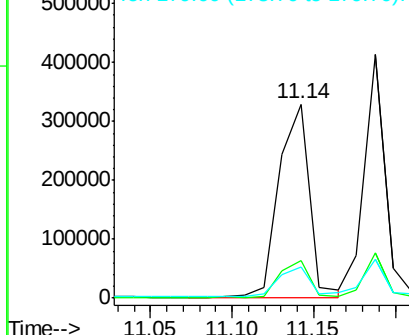


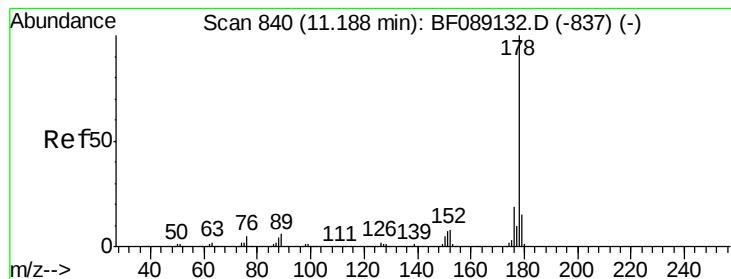
#70
 Phenanthrene
 Concen: 39.65 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:178 Resp: 426382
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.0 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: 35.60 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

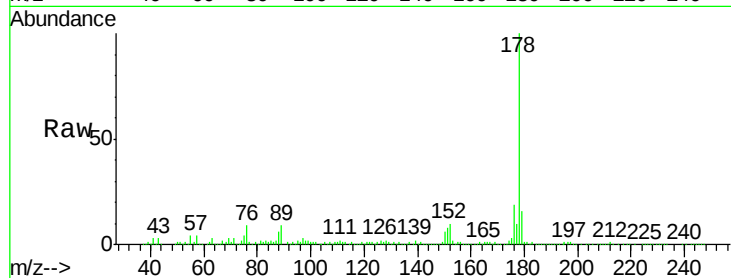
Tgt Ion:178 Resp: 397868

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

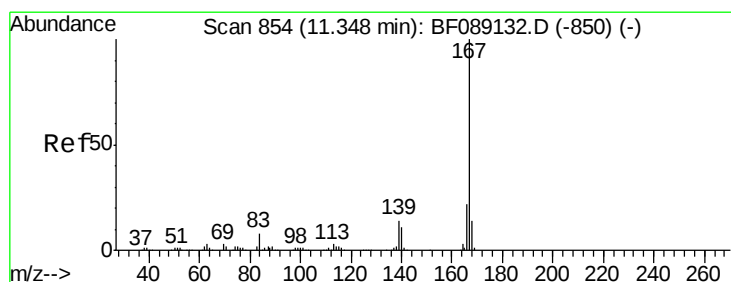
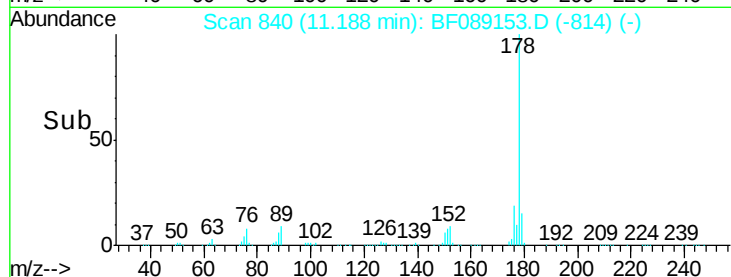
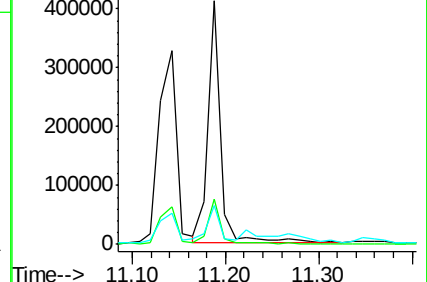
179 16.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.27 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

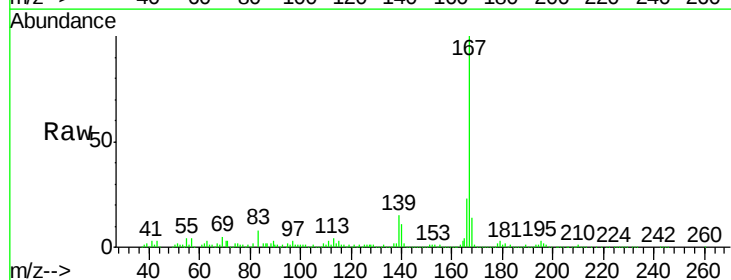
Tgt Ion:167 Resp: 346252

Ion Ratio Lower Upper

167 100

166 23.0 17.7 26.5

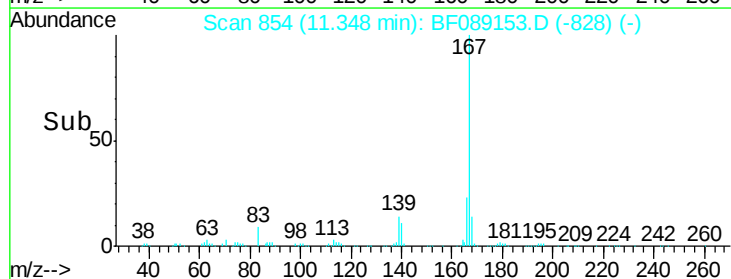
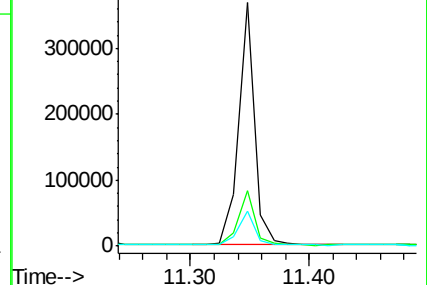
139 14.6 11.0 16.4

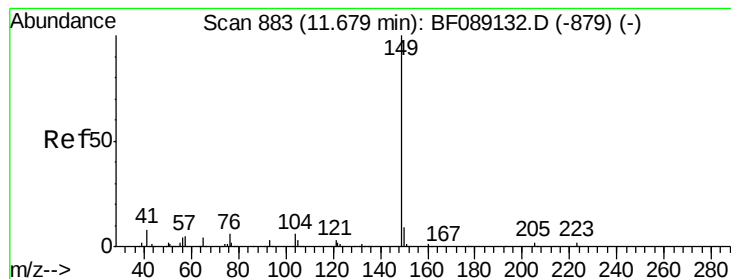


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.13 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

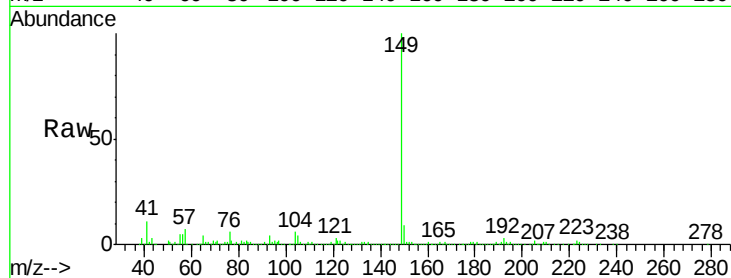
Tgt Ion:149 Resp: 390140

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

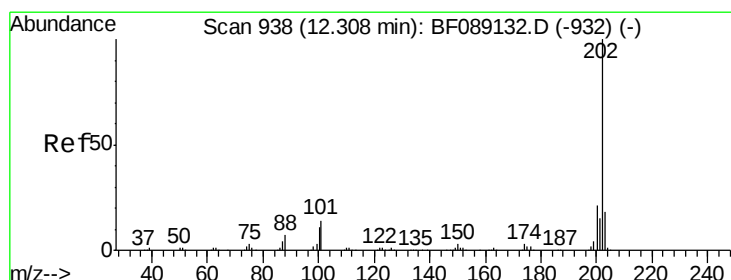
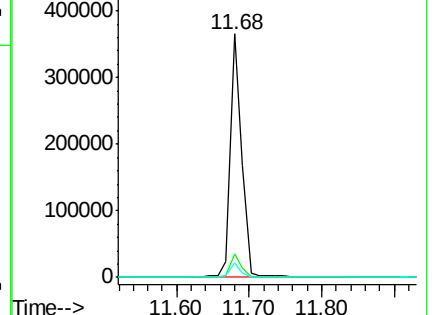
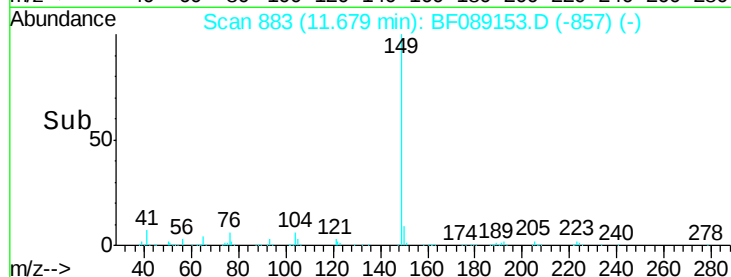
104 5.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.67 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

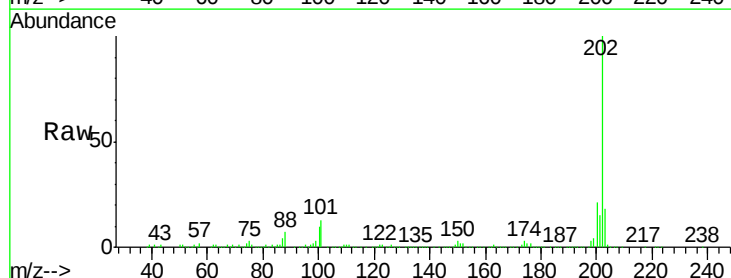
Tgt Ion:202 Resp: 357917

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.0

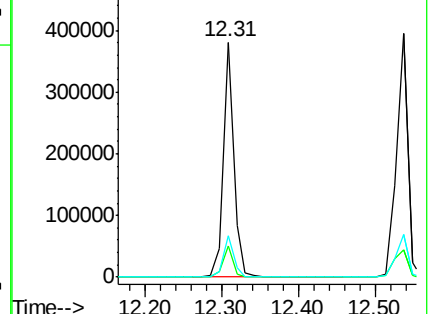
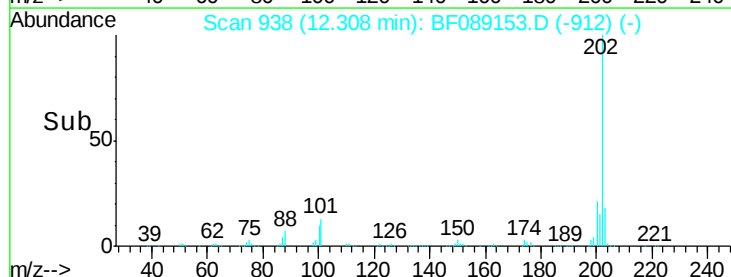
203 17.8 0.0 37.8

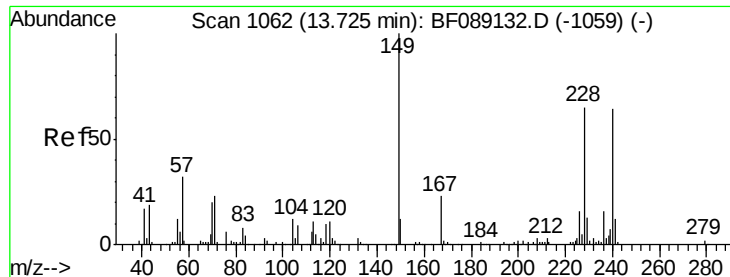


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

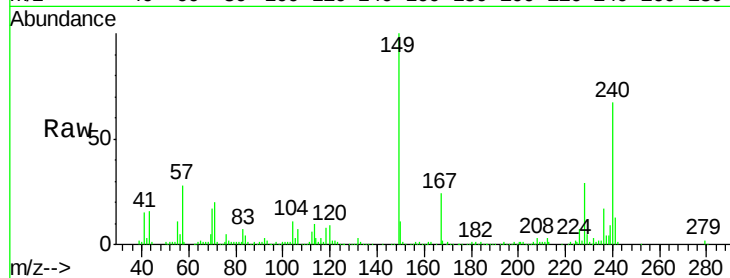
Tgt Ion:240 Resp: 152738

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

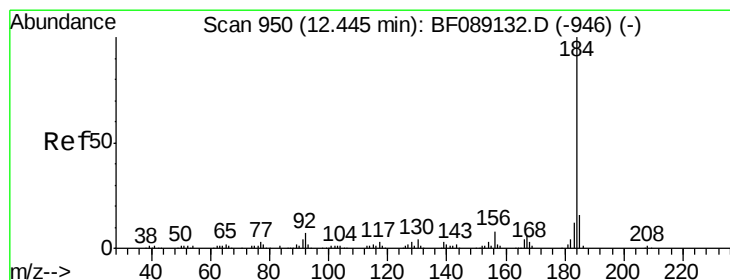
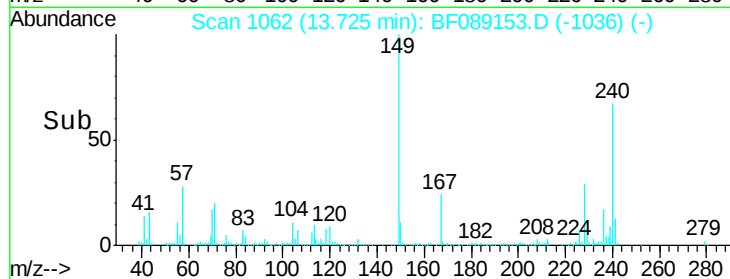
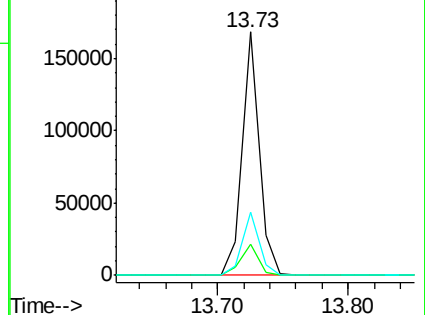
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.55 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

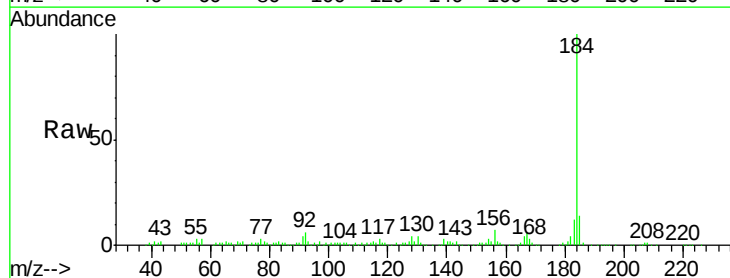
Tgt Ion:184 Resp: 186667

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

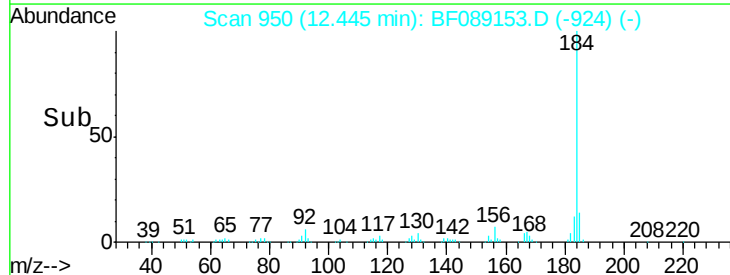
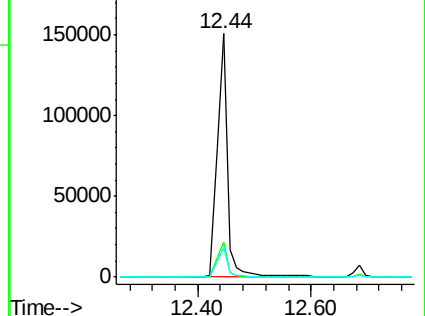
183 12.0 9.6 14.4

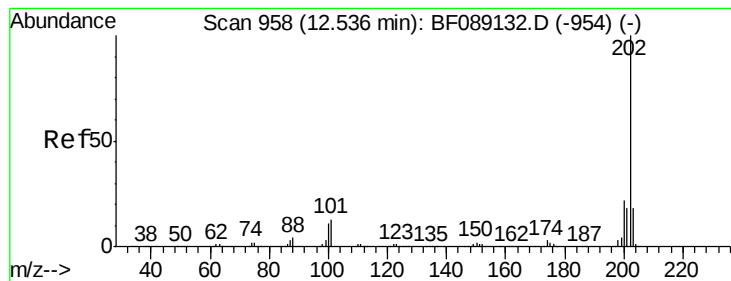


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.57 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

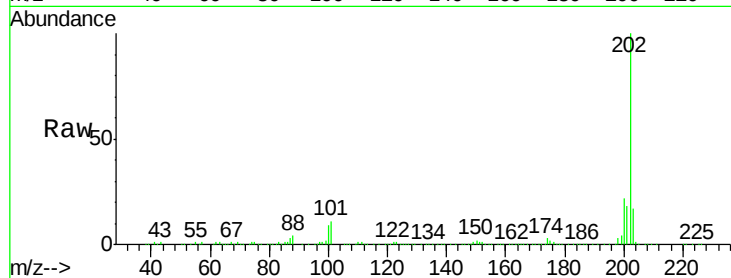
Tgt Ion: 202 Resp: 398179

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

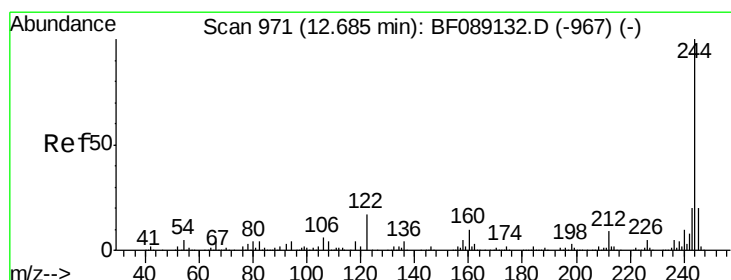
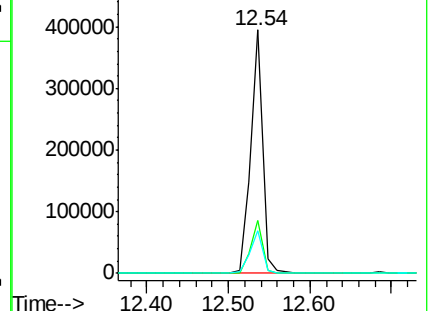
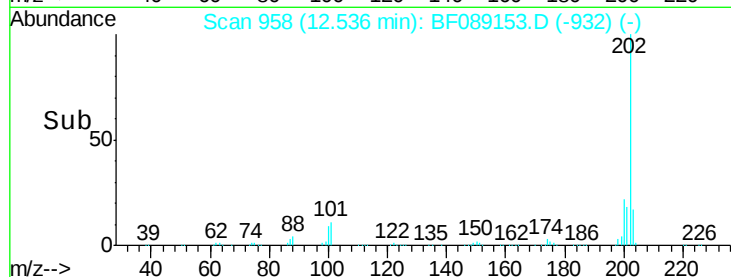
203 17.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.00 ng

RT: 12.68 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

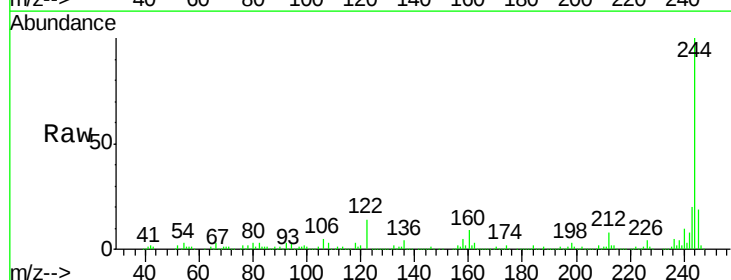
Tgt Ion: 244 Resp: 422533

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

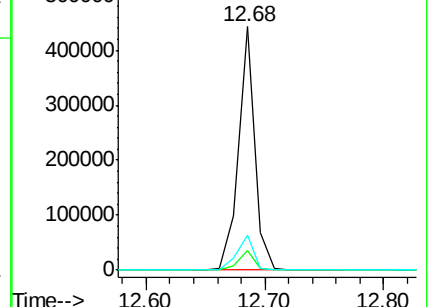
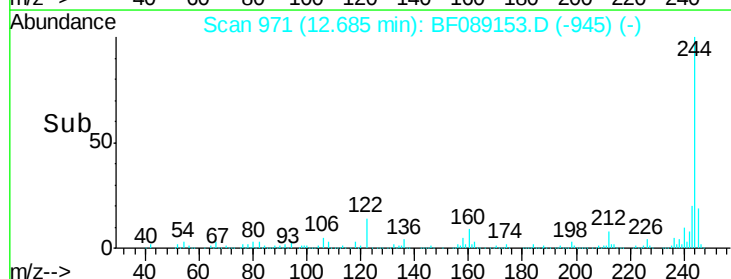
122 14.5 13.8 20.8

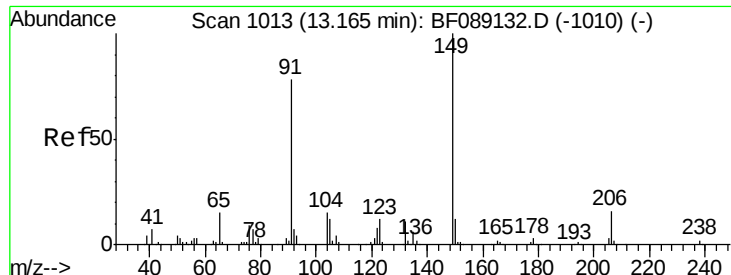


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.66 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

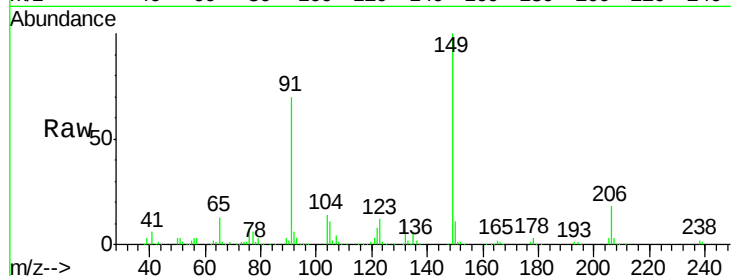
Tgt Ion:149 Resp: 184923

Ion Ratio Lower Upper

149 100

91 70.3 62.6 93.8

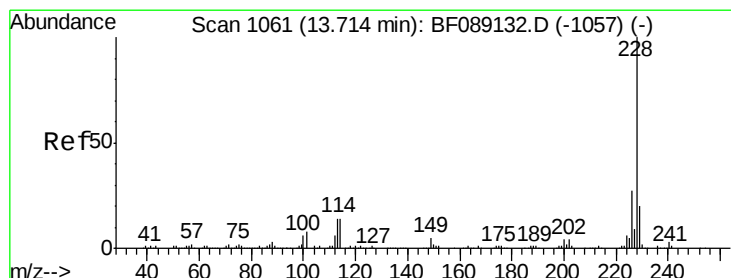
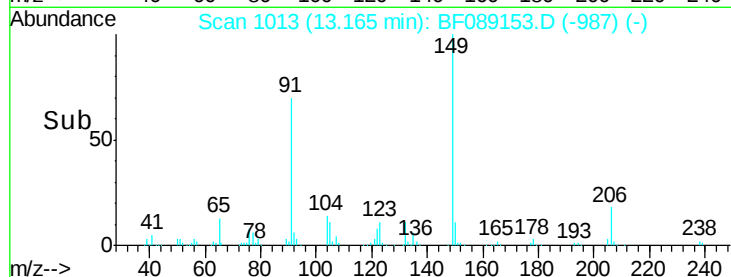
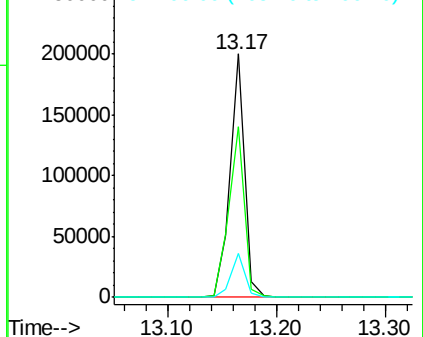
206 18.0 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.98 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

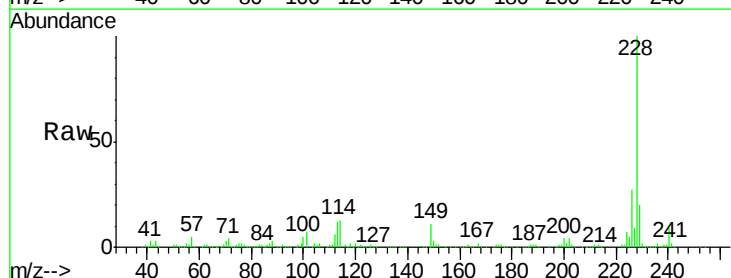
Tgt Ion:228 Resp: 301384

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

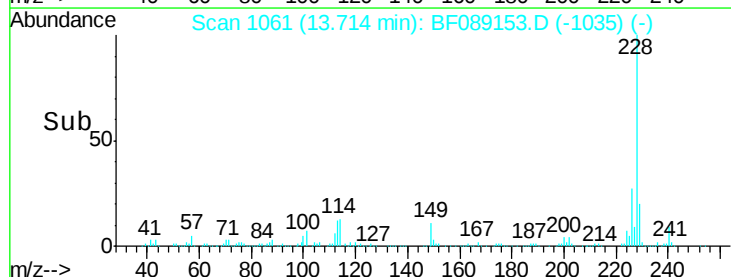
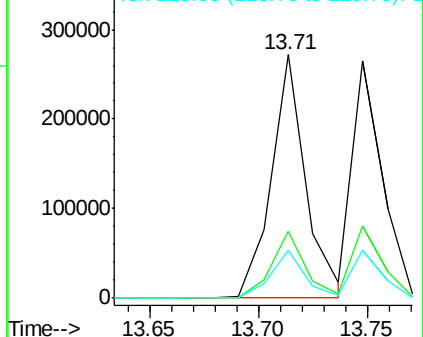
229 19.5 15.8 23.8



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

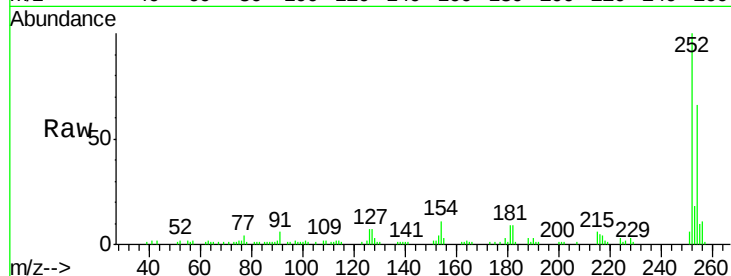




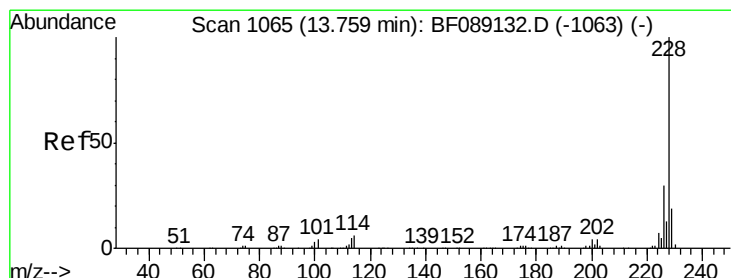
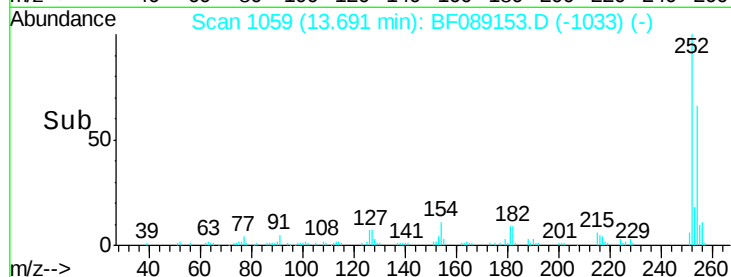
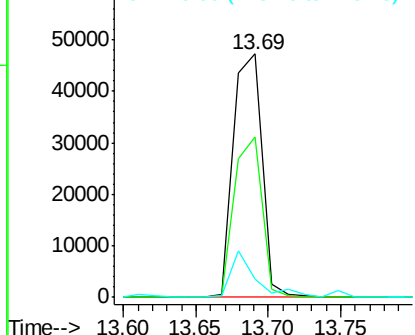
#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

Tgt Ion: 252 Resp: 65284
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.4 75.6
 126 7.4 10.2 15.2#

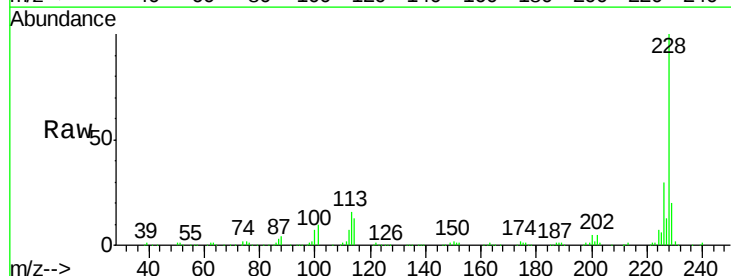


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

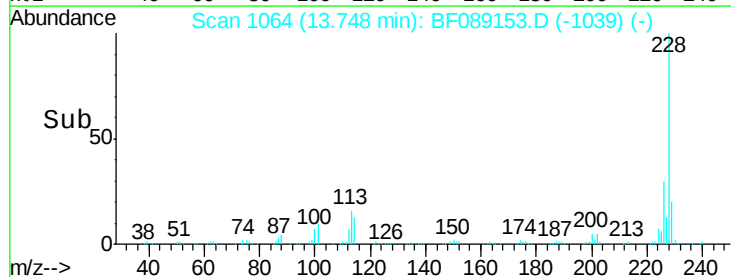
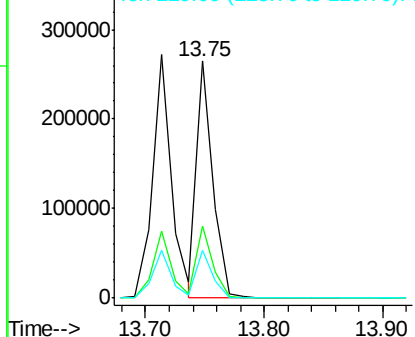


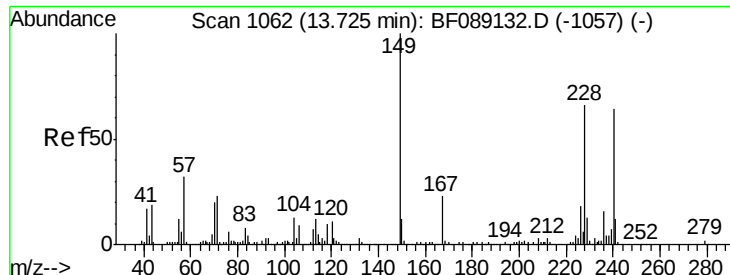
#82
 Chrysene
 Concen: 27.46 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion: 228 Resp: 255112
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.8
 229 19.9 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

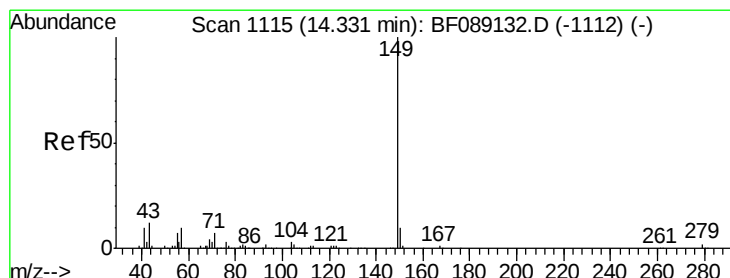
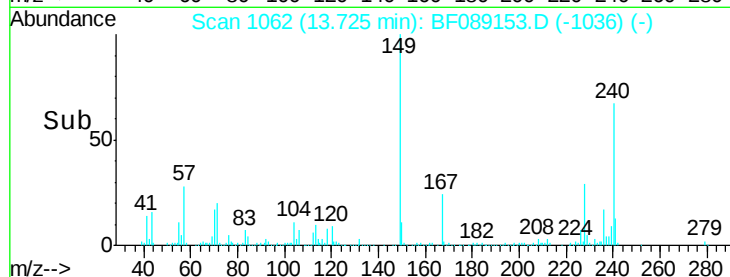
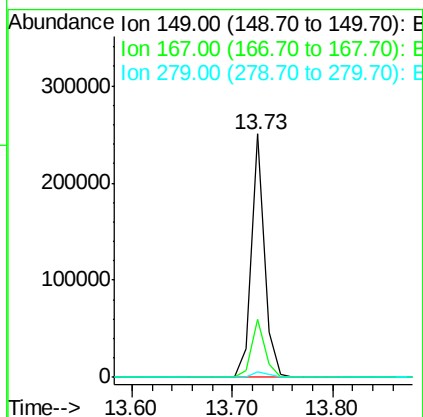
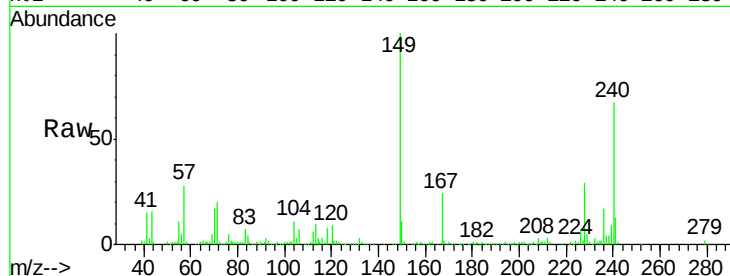




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.20 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

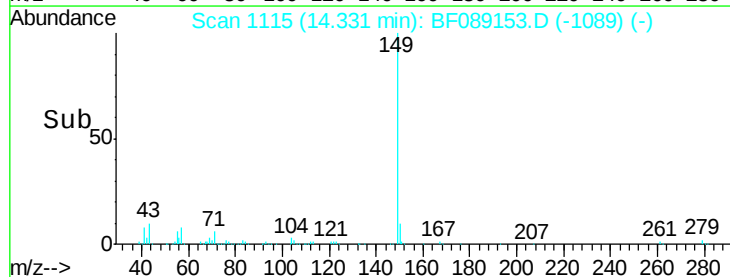
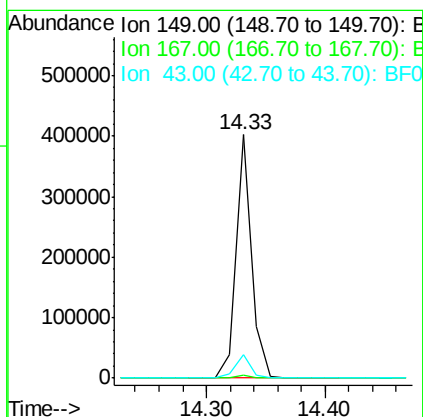
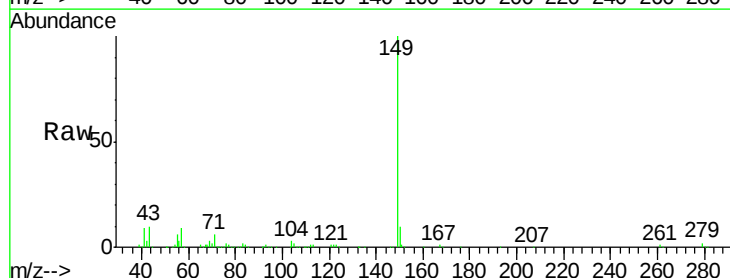
Instrument :
 BNA_F
 ClientSampleId :
 KSB-05-12.0-14.0MS

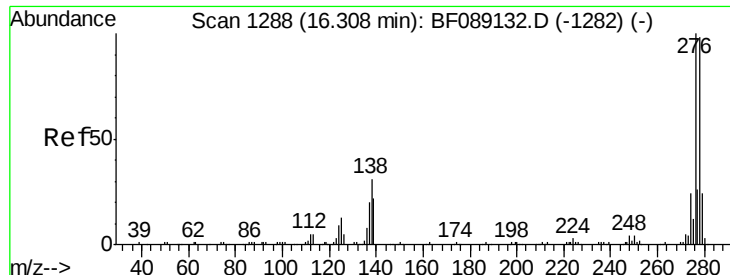
Tgt Ion:149 Resp: 227874
 Ion Ratio Lower Upper
 149 100
 167 24.1 18.6 28.0
 279 2.4 1.6 2.4



#84
 Di-n-octyl phthalate
 Concen: 31.32 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089153.D
 Acq: 21 Jul 2016 1:52

Tgt Ion:149 Resp: 365785
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.92 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

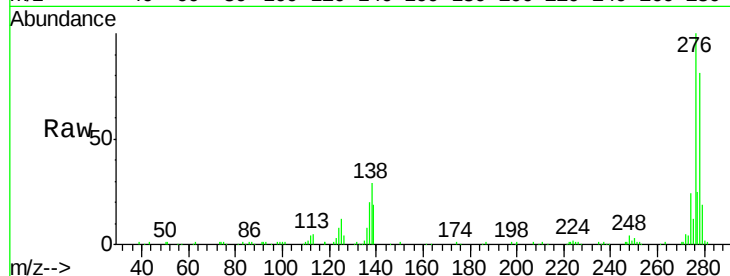
Tgt Ion:276 Resp: 215428

Ion Ratio Lower Upper

276 100

138 29.1 23.7 35.5

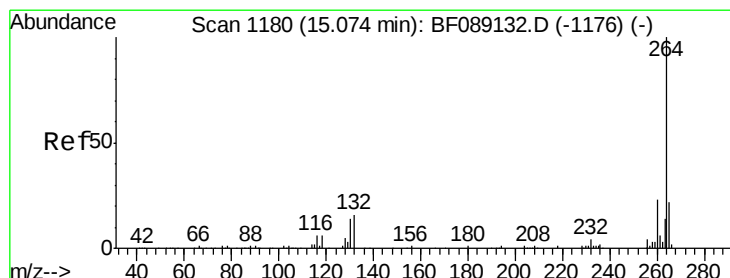
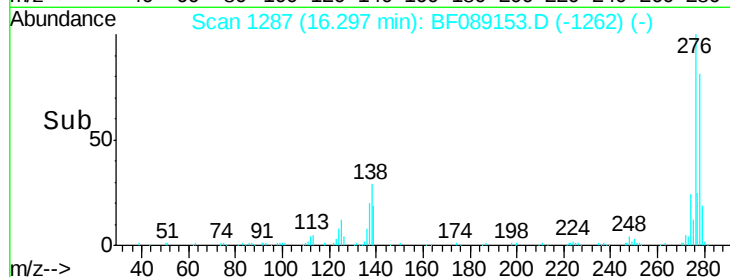
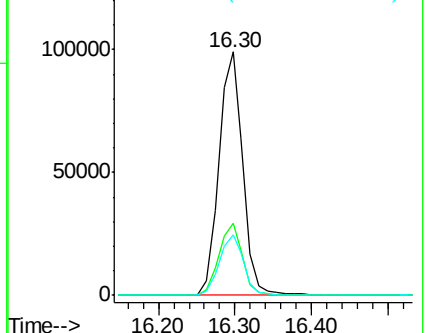
277 25.1 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

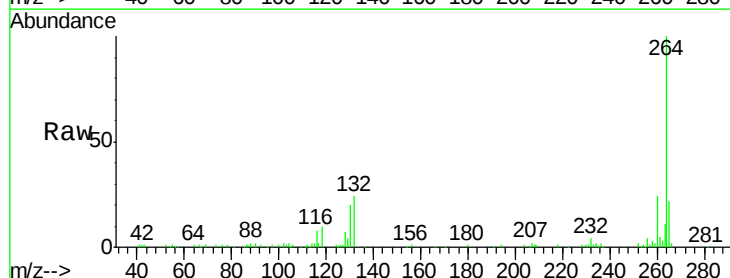
Tgt Ion:264 Resp: 122343

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

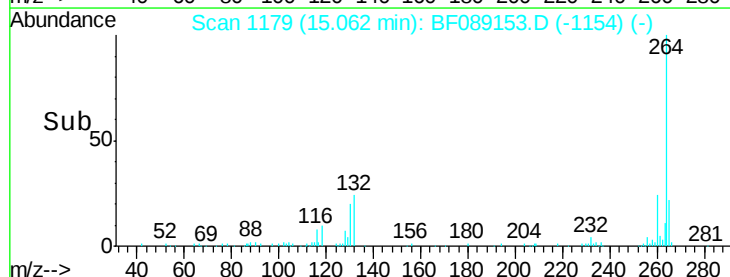
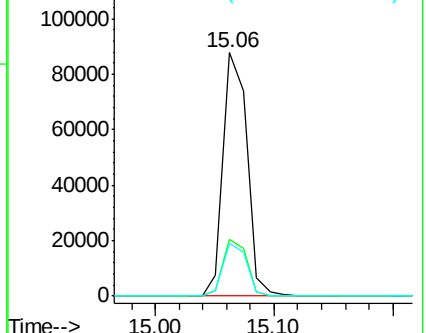
265 21.7 17.3 25.9

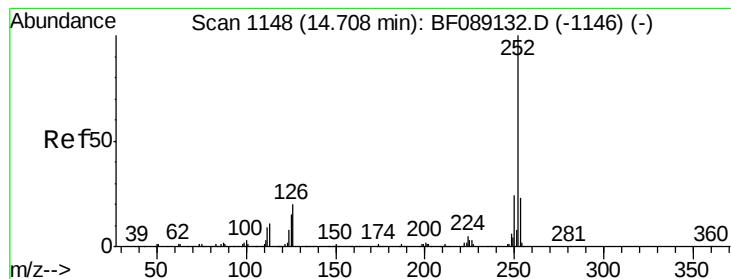


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.49 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

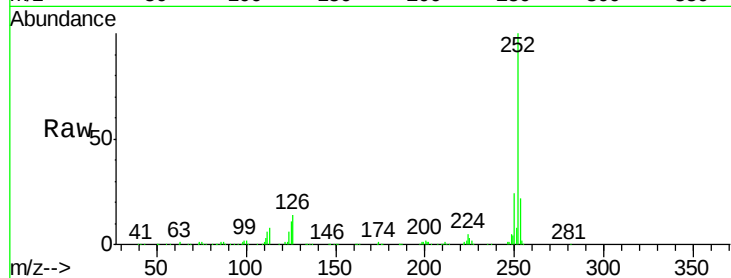
Tgt Ion:252 Resp: 252428

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

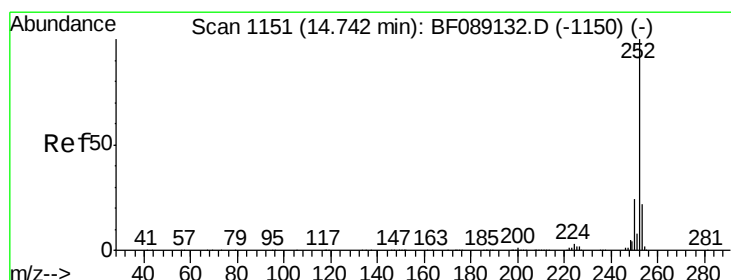
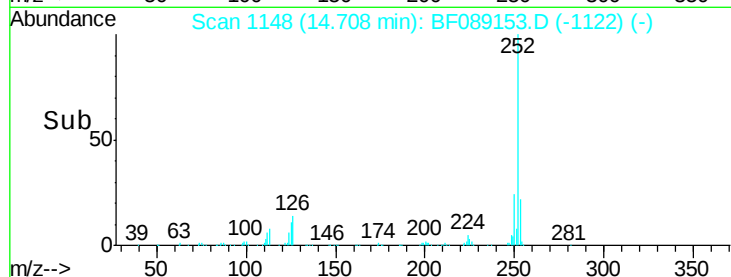
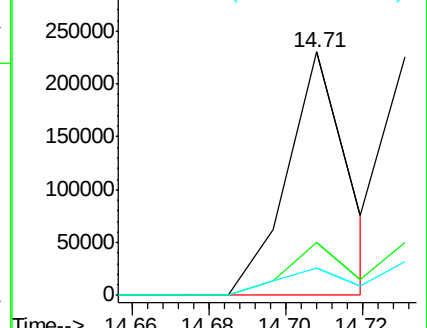
125 11.5 11.9 17.9#



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



#88

Benzo(k)fluoranthene

Concen: 34.85 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

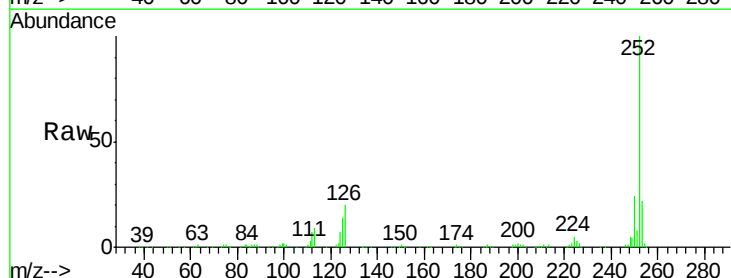
Tgt Ion:252 Resp: 220815

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

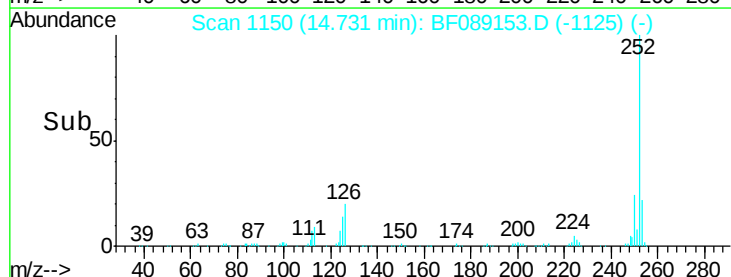
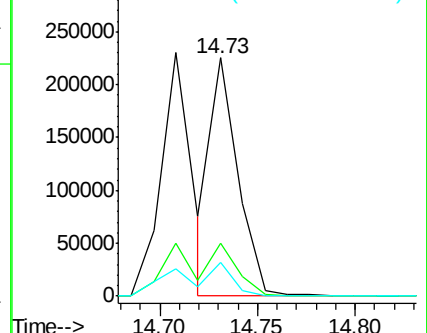
125 14.0 6.3 9.5#

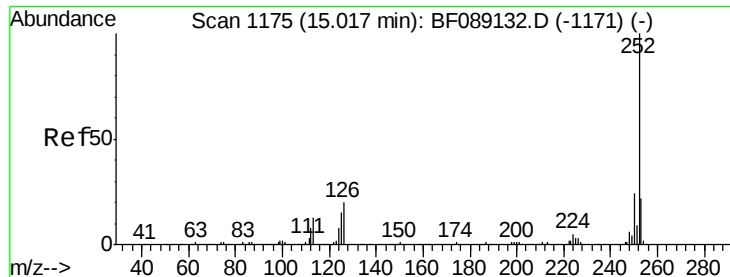


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.17 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

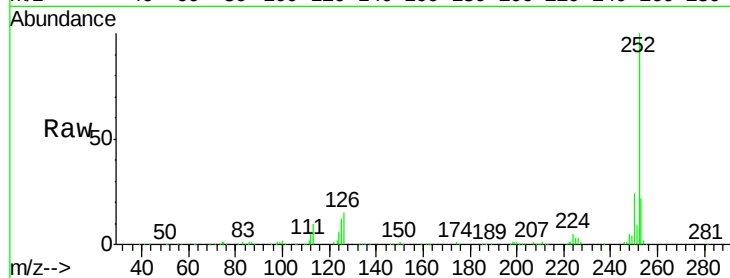
Tgt Ion:252 Resp: 228170

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

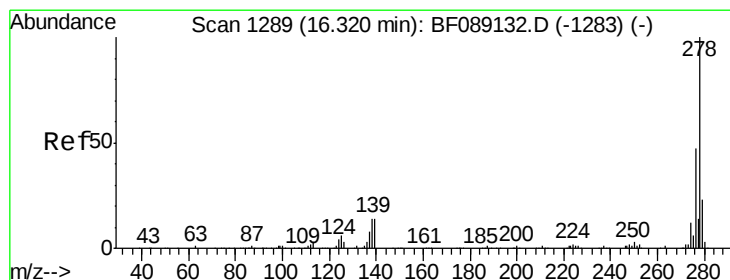
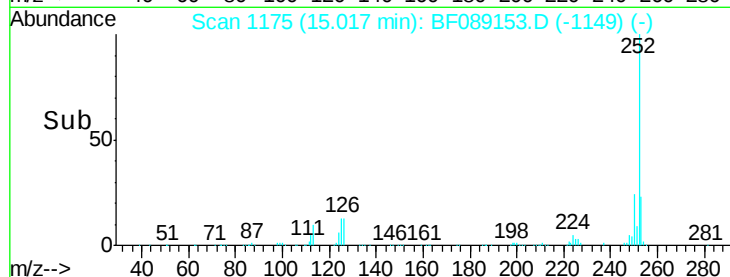
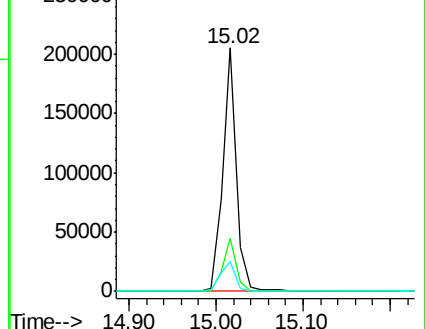
125 12.3 12.4 18.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 33.34 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

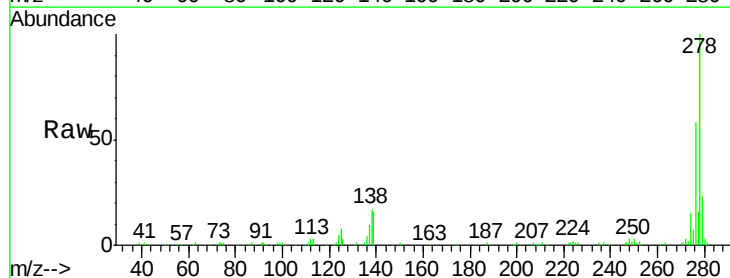
Tgt Ion:278 Resp: 181088

Ion Ratio Lower Upper

278 100

139 16.0 11.4 17.2

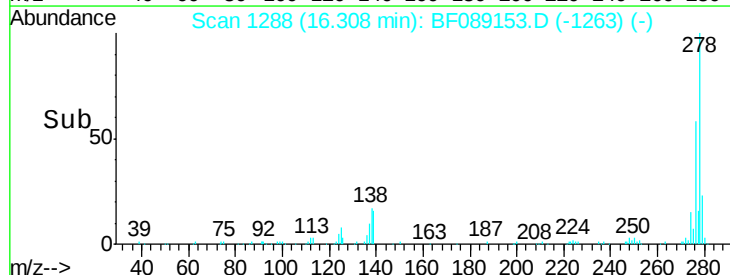
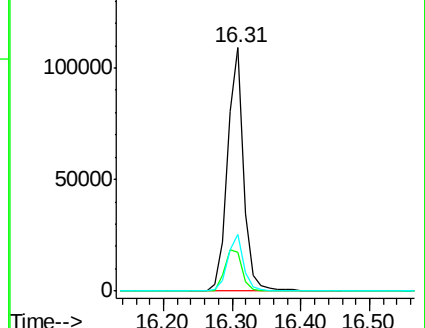
279 23.3 18.4 27.6

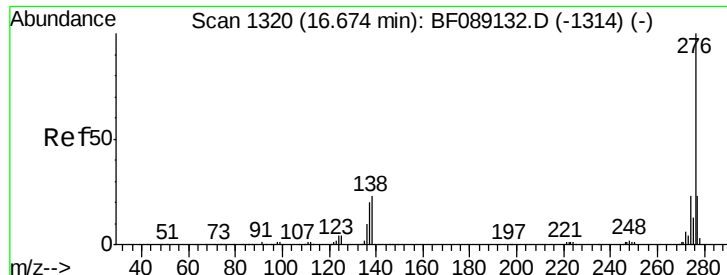


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.78 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089153.D

Acq: 21 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

KSB-05-12.0-14.0MS

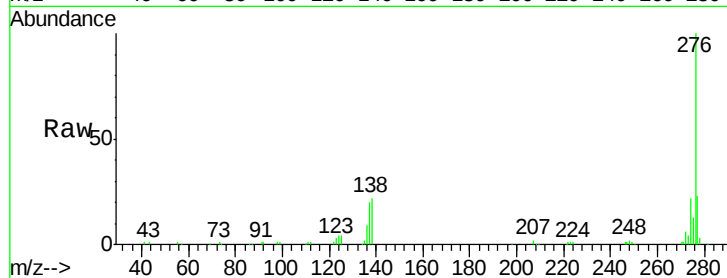
Tgt Ion: 276 Resp: 179508

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 22.2 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

