

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091107.D
 Acq On : 9 Nov 2016 3:43
 Operator : UM/SJ
 Sample : H5593-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Quant Time: Nov 09 06:04:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181039	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	758738	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	362994	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486834	20.00	ng	0.00
75) Chrysene-d12	13.81	240	367940	20.00	ng	0.00
86) Perylene-d12	15.19	264	340936	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1344670	122.67	ng	0.02
7) Phenol-d6	6.33	99	1593136	107.08	ng	0.01
23) Nitrobenzene-d5	7.24	82	1096900	78.86	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	326555	99.51	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	1653756	78.44	ng	0.00
78) Terphenyl-d14	12.76	244	1145038	77.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	180455	28.78	ng	# 96
3) Pyridine	2.84	79	519444	35.41	ng	94
4) n-Nitrosodimethylamine	2.81	42	209633	36.13	ng	95
6) Aniline	6.33	93	238788	13.61	ng	# 44
8) 2-Chlorophenol	6.45	128	511165	39.09	ng	89
9) Benzaldehyde	6.20	77	53652	6.50	ng	94
10) Phenol	6.34	94	764607	46.43	ng	# 59
11) bis(2-Chloroethyl)ether	6.41	93	572215	41.24	ng	93
12) 1,3-Dichlorobenzene	6.60	146	502078	37.97	ng	97
13) 1,4-Dichlorobenzene	6.68	146	523253	36.88	ng	98
14) 1,2-Dichlorobenzene	6.83	146	473265	36.34	ng	97
15) Benzyl Alcohol	6.82	79	388668	37.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	681092	34.28	ng	86
17) 2-Methylphenol	6.94	107	406731	39.29	ng	96
18) Hexachloroethane	7.17	117	196280	35.74	ng	96
19) n-Nitroso-di-n-propylamine	7.09	70	416652	40.41	ng	95
20) 3+4-Methylphenols	7.10	107	523634	42.13	ng	96
22) Acetophenone	7.08	105	691444	39.58	ng	# 95
24) Nitrobenzene	7.25	77	553742	36.05	ng	93
25) Isophorone	7.49	82	981146	36.61	ng	97
26) 2-Nitrophenol	7.57	139	250154	38.48	ng	# 81
27) 2,4-Dimethylphenol	7.63	122	431295	40.12	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	595307	40.66	ng	99
29) 2,4-Dichlorophenol	7.82	162	369530	39.38	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	394190	37.36	ng	97
31) Naphthalene	7.97	128	1404044	38.69	ng	99
32) Benzoic acid	7.73	122	55584	11.00	ng	96
33) 4-Chloroaniline	8.04	127	124822	8.27	ng	# 95
34) Hexachlorobutadiene	8.09	225	210861	37.03	ng	99
35) Caprolactam	8.40	113	85270	28.93	ng	97
36) 4-Chloro-3-methylphenol	8.53	107	440419	38.77	ng	92
37) 2-Methylnaphthalene	8.66	142	840930	36.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	362806	39.20	ng	98
40) Hexachlorocyclopentadiene	8.82	237	99660	32.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	237940	39.83	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	257550	41.06	ng	97
45) 1,1'-Biphenyl	9.13	154	1031105	38.90	ng	100
46) 2-Chloronaphthalene	9.15	162	823446	40.92	ng	99
47) 2-Nitroaniline	9.25	65	285344	38.21	ng	87
48) Acenaphthylene	9.56	152	1183226	37.73	ng	100
49) Dimethylphthalate	9.44	163	1093877	45.96	ng	100
50) 2,6-Dinitrotoluene	9.50	165	194297	38.09	ng	# 53
51) Acenaphthene	9.73	154	705160	35.81	ng	99
52) 3-Nitroaniline	9.66	138	149239	24.67	ng	97
53) 2,4-Dinitrophenol	9.79	184	17387	12.03	ng	# 68
54) Dibenzofuran	9.90	168	1003244	37.85	ng	99
55) 4-Nitrophenol	9.85	139	215556	55.41	ng	90
56) 2,4-Dinitrotoluene	9.90	165	266655	41.09	ng	# 86
57) Fluorene	10.25	166	813997	37.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	185259	37.70	ng	97
59) Diethylphthalate	10.13	149	945909	38.76	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	386062	39.16	ng	98
61) 4-Nitroaniline	10.28	138	175662	28.71	ng	98
62) Azobenzene	10.40	77	1053205	36.66	ng	82
64) 4,6-Dinitro-2-methylphenol	10.32	198	21634	7.26	ng	# 58
65) n-Nitrosodiphenylamine	10.36	169	682999	44.14	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	224026	44.24	ng	90
67) Hexachlorobenzene	10.80	284	251007	44.94	ng	93
68) Atrazine	10.90	200	220375	49.37	ng	98
69) Pentachlorophenol	10.99	266	186036	75.21	ng	98
70) Phenanthrene	11.21	178	1131402	43.72	ng	99
71) Anthracene	11.25	178	1063441	38.65	ng	100
72) Carbazole	11.41	167	900605	36.32	ng	100
73) Di-n-butylphthalate	11.76	149	1358746	43.57	ng	100
74) Fluoranthene	12.38	202	969613	36.12	ng	97
76) Benzidine	12.52	184	163834	19.93	ng	96
77) Pyrene	12.61	202	992965	41.21	ng	99
79) Butylbenzylphthalate	13.24	149	478010	41.47	ng	84
80) Benzo(a)anthracene	13.80	228	839683	40.19	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	203415	27.72	ng	# 99
82) Chrysene	13.84	228	836412	40.60	ng	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	621978	39.88	ng	# 99
84) Di-n-octyl phthalate	14.41	149	1026870	40.04	ng	97
85) Indeno(1,2,3-cd)pyrene	16.48	276	687948	40.25	ng	99
87) Benzo(b)fluoranthene	14.83	252	1594350	68.95	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	1594350	78.60	ng	99
89) Benzo(a)pyrene	15.13	252	746700	37.09	ng	# 96
90) Dibenzo(a,h)anthracene	16.49	278	574674	33.02	ng	98
91) Benzo(g,h,i)perylene	16.85	276	527455	33.52	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

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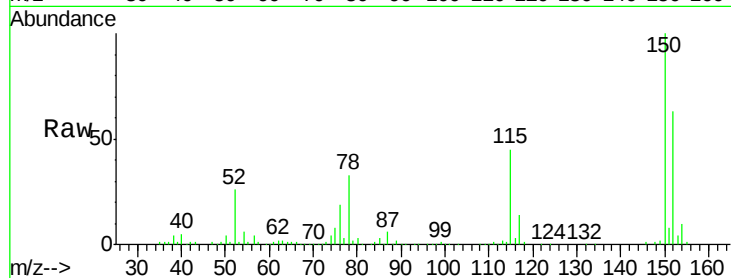
Tgt Ion: 152 Resp: 181039

Ion Ratio Lower Upper

152 100

150 159.7 126.8 190.2

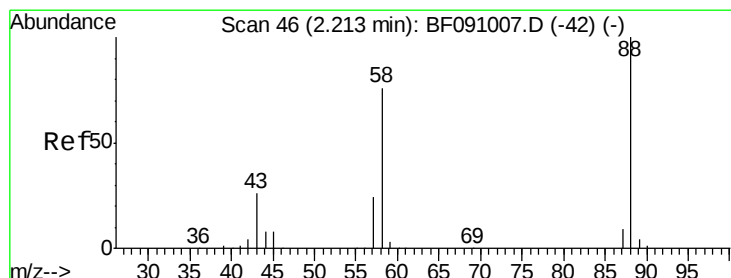
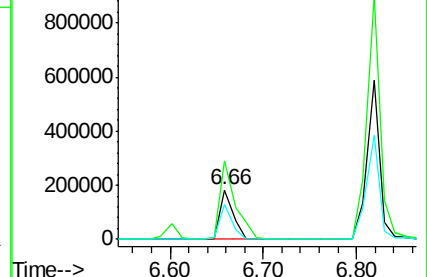
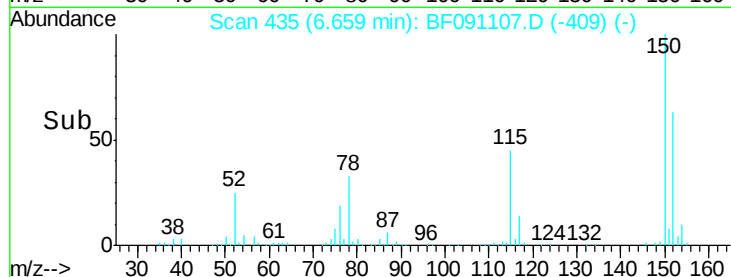
115 71.5 53.3 79.9



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: 28.78 ng

RT: 2.19 min Scan# 44

Delta R.T. 0.05 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

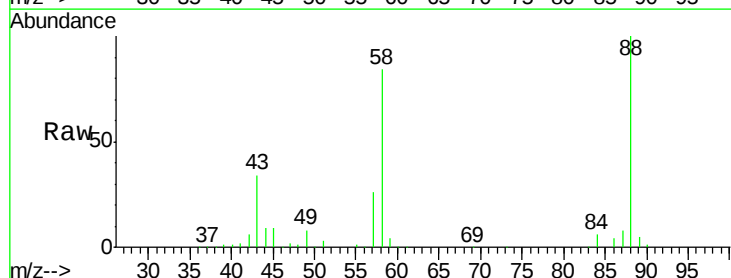
Tgt Ion: 88 Resp: 180455

Ion Ratio Lower Upper

88 100

58 78.7 63.8 95.6

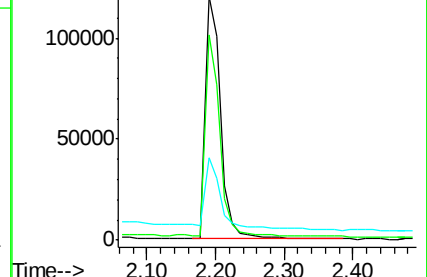
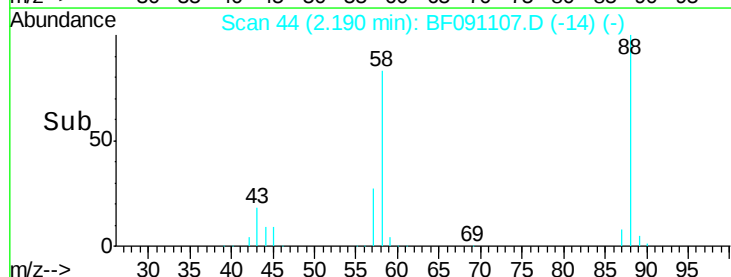
43 34.1 22.6 33.8#

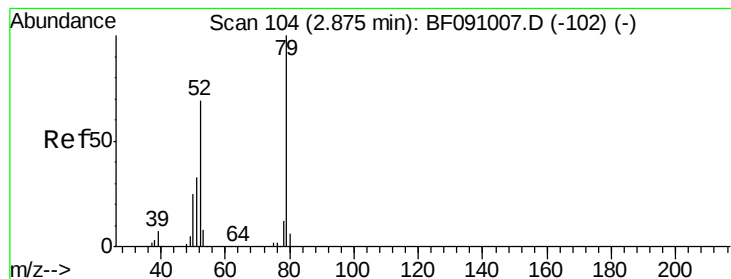


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.41 ng

RT: 2.84 min Scan# 101

Delta R.T. 0.06 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

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ClientSampleId :

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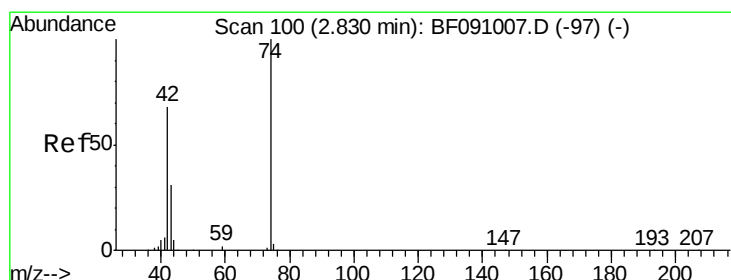
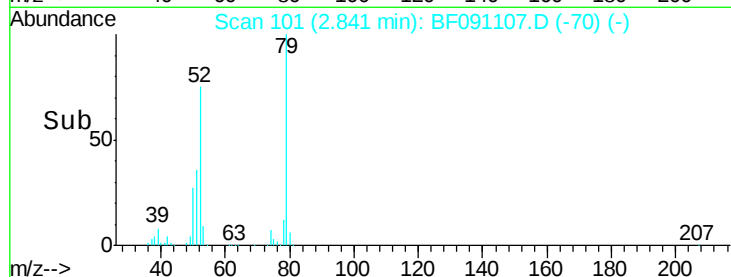
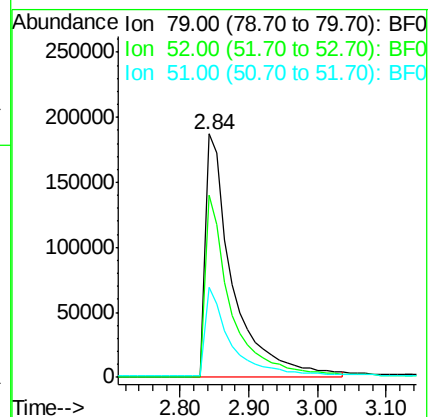
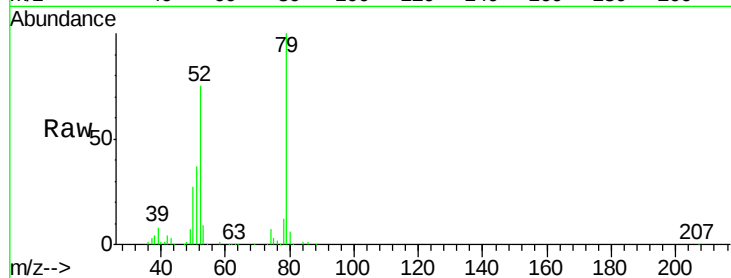
Tgt Ion: 79 Resp: 519444

Ion Ratio Lower Upper

79 100

52 74.9 55.4 83.0

51 36.7 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 36.13 ng

RT: 2.81 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

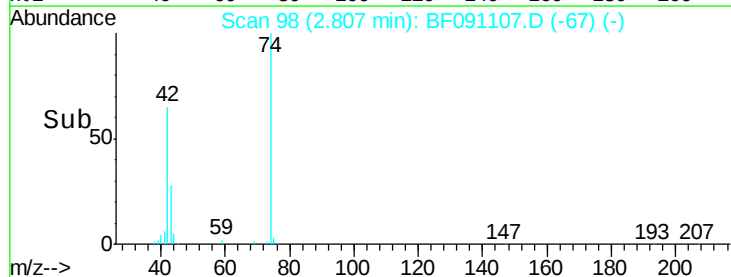
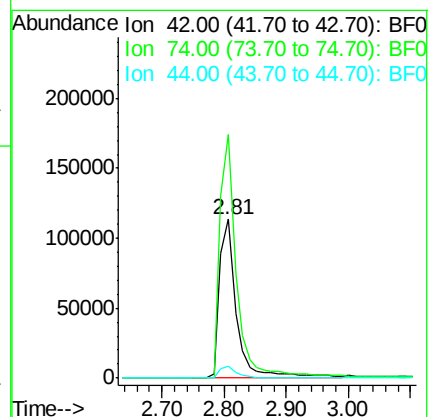
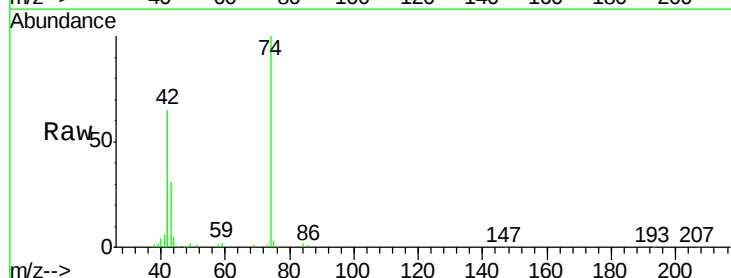
Tgt Ion: 42 Resp: 209633

Ion Ratio Lower Upper

42 100

74 153.2 117.3 175.9

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 122.67 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

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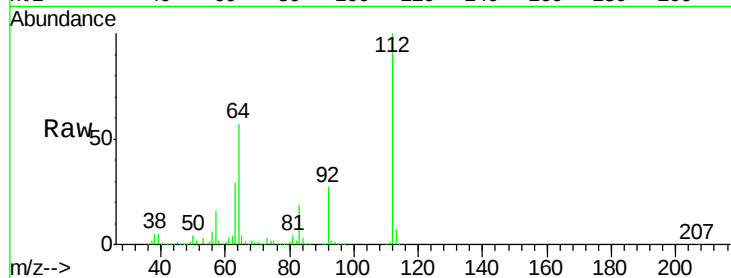
Tgt Ion: 112 Resp: 1344670

Ion Ratio Lower Upper

112 100

64 57.4 55.8 83.6

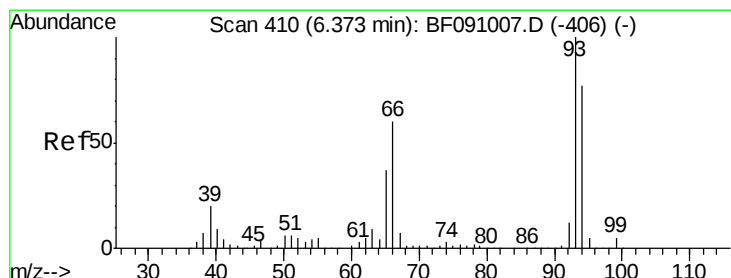
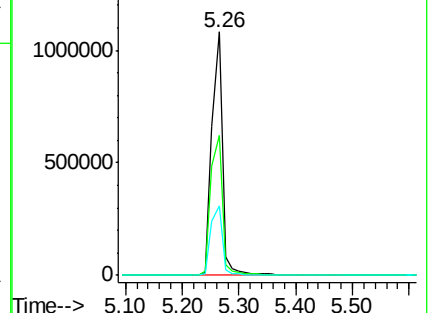
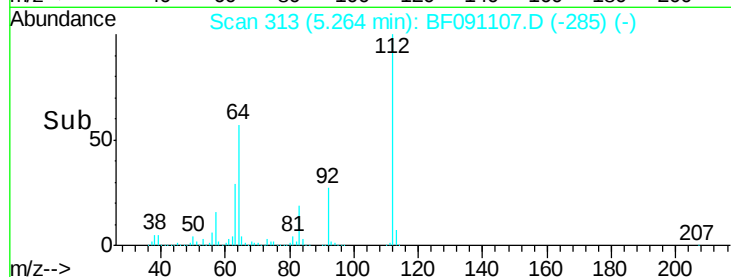
63 28.8 28.0 42.0



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: 13.61 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

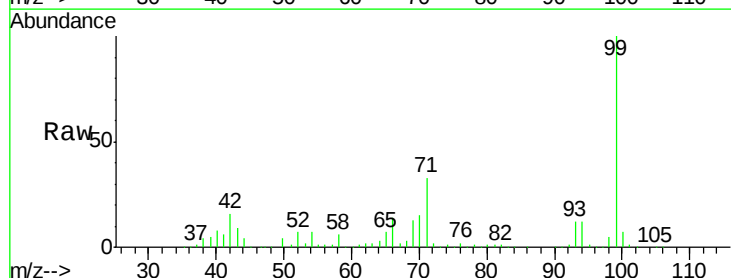
Tgt Ion: 93 Resp: 238788

Ion Ratio Lower Upper

93 100

66 115.1 48.2 72.2#

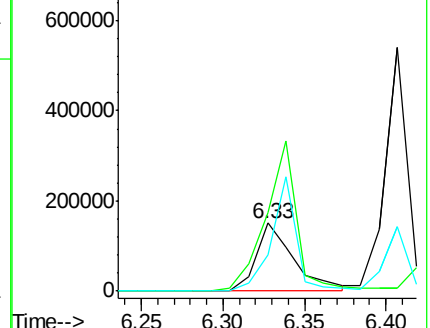
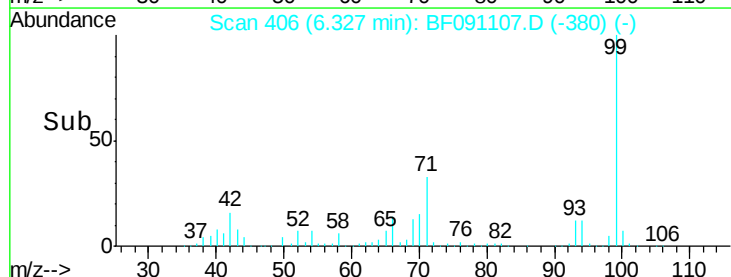
65 54.1 29.4 44.0#



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: 107.08 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091107.D

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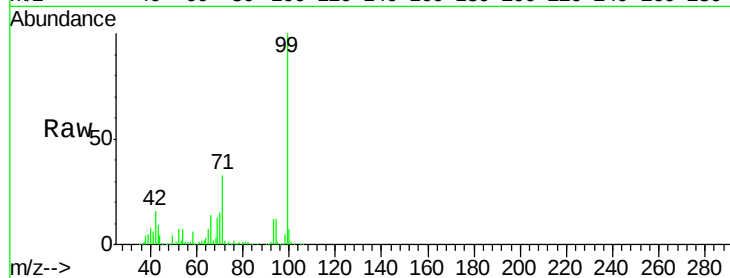
Tgt Ion: 99 Resp: 1593136

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

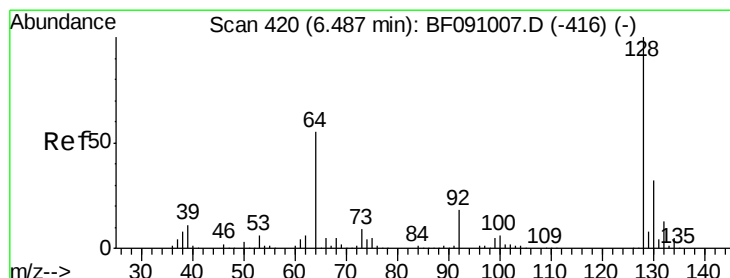
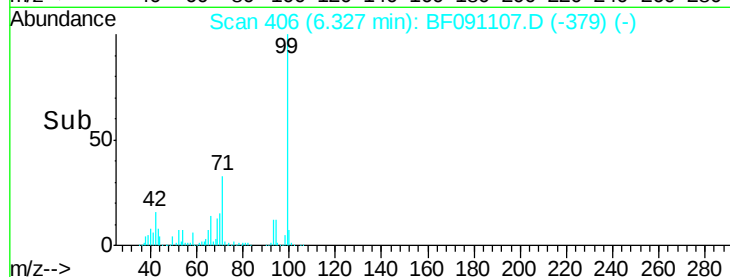
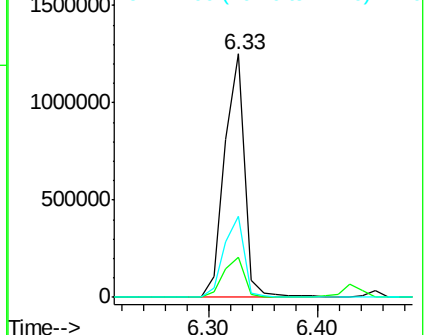
71 33.5 27.8 41.8



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: 39.09 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

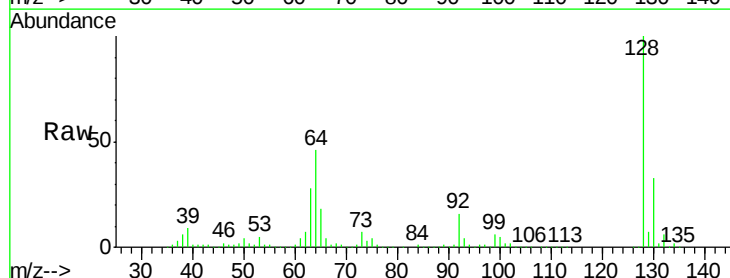
Tgt Ion: 128 Resp: 511165

Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

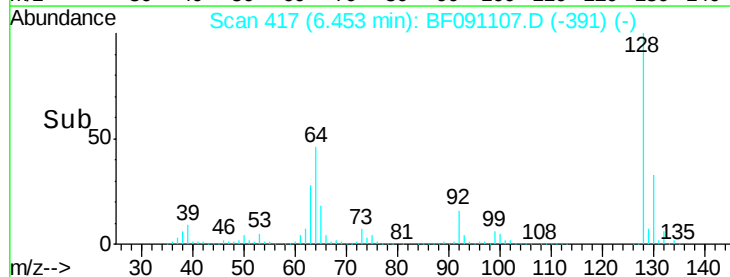
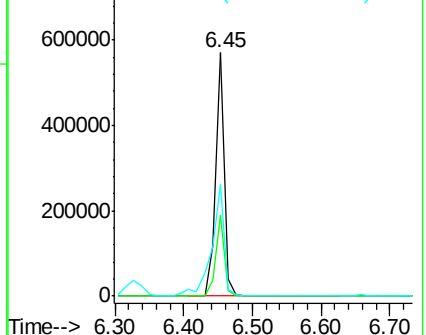
64 46.0 37.2 77.2

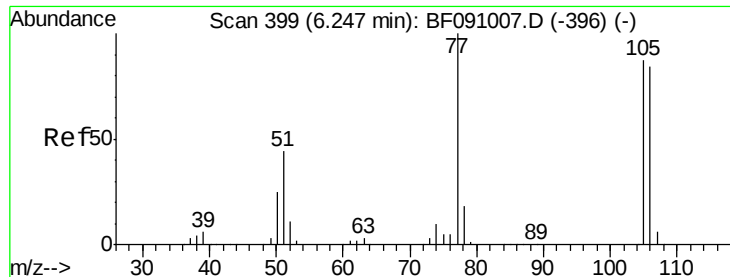


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.50 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

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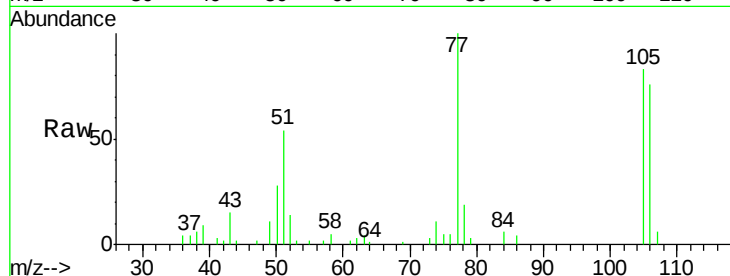
Tgt Ion: 77 Resp: 53652

Ion Ratio Lower Upper

77 100

105 83.1 66.8 106.8

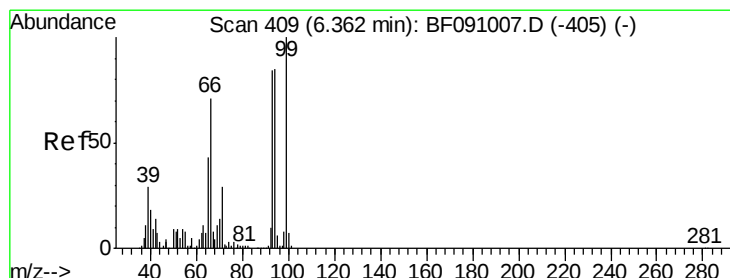
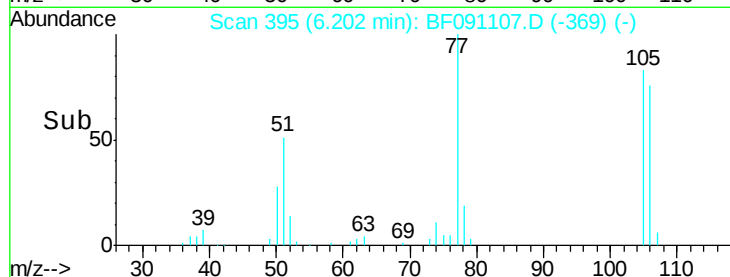
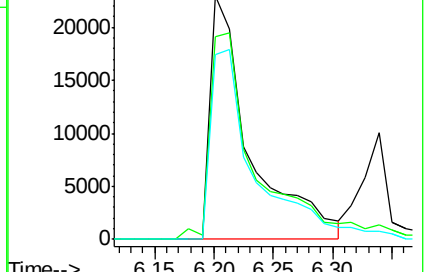
106 76.1 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.43 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

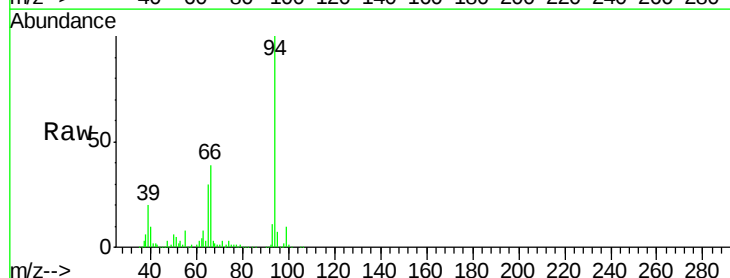
Tgt Ion: 94 Resp: 764607

Ion Ratio Lower Upper

94 100

65 30.0 30.4 70.4#

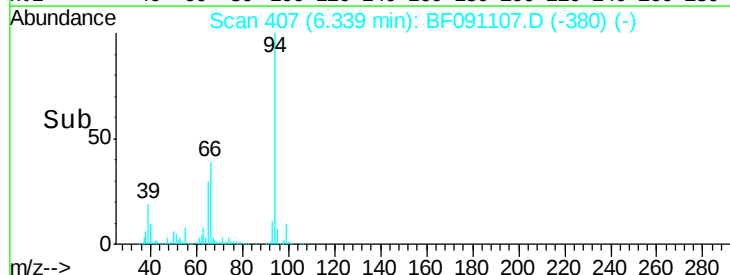
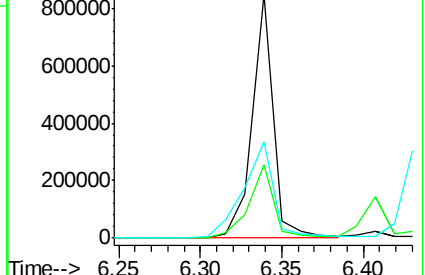
66 39.4 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

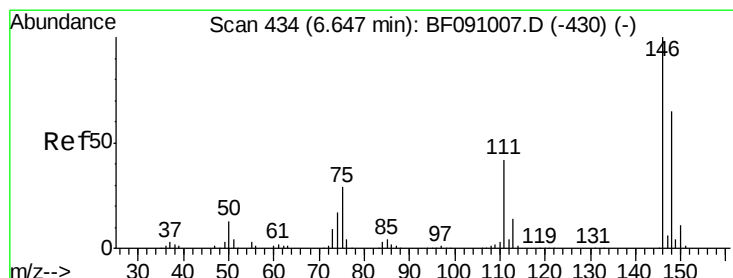
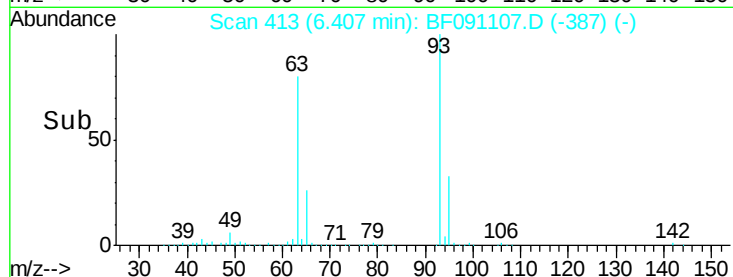
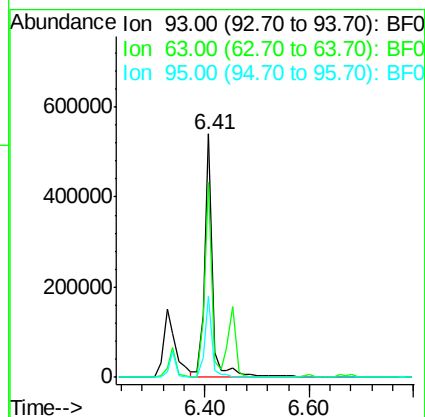
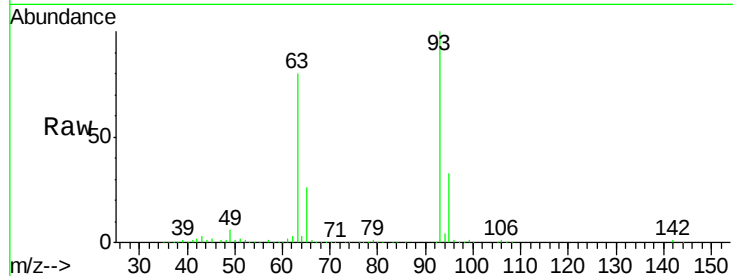




#11
bis(2-Chloroethyl)ether
Concen: 41.24 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

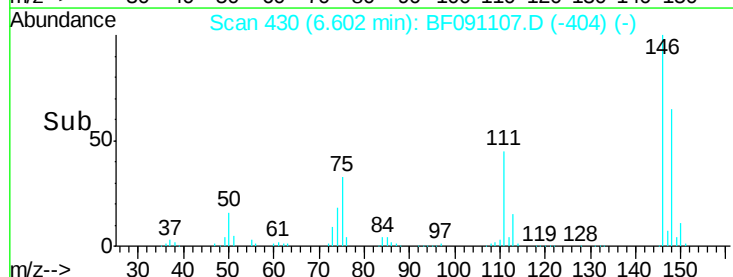
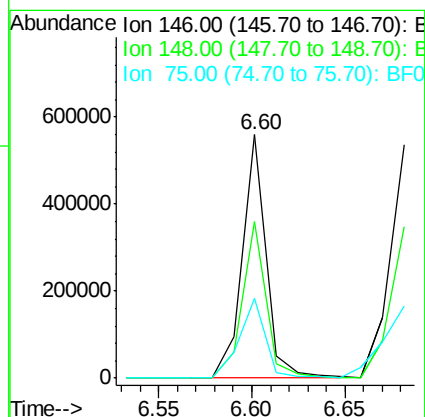
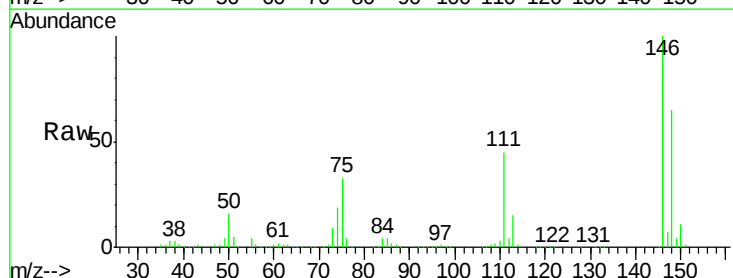
Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

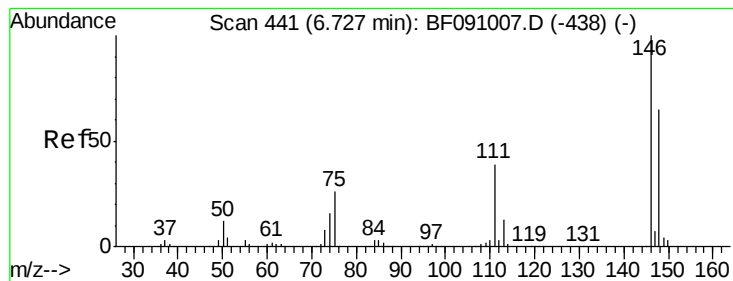
Tgt Ion: 93 Resp: 572215
Ion Ratio Lower Upper
93 100
63 80.3 68.9 108.9
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.97 ng
RT: 6.60 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion: 146 Resp: 502078
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
75 32.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 36.88 ng

RT: 6.68 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

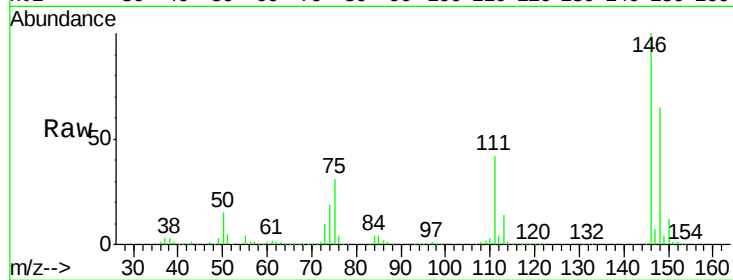
Tgt Ion:146 Resp: 523253

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

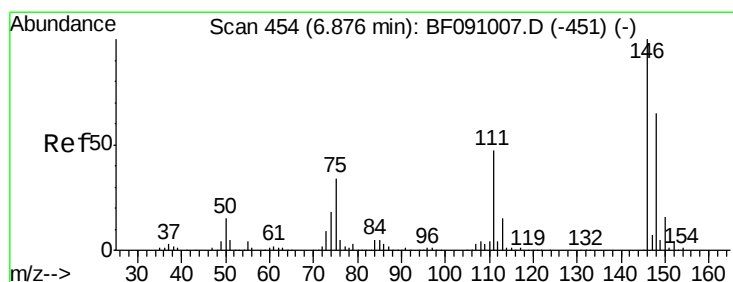
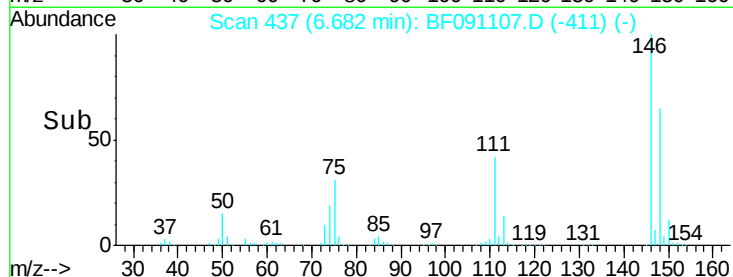
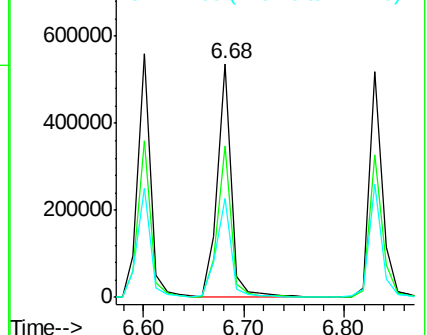
111 42.3 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.34 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

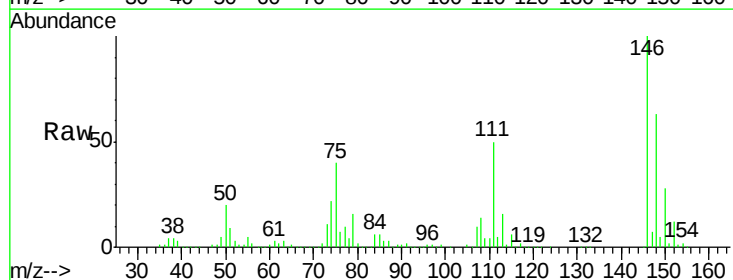
Tgt Ion:146 Resp: 473265

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

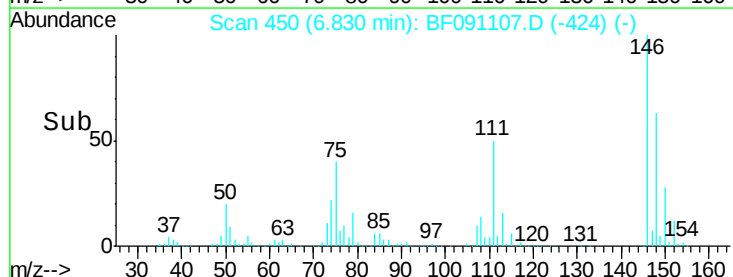
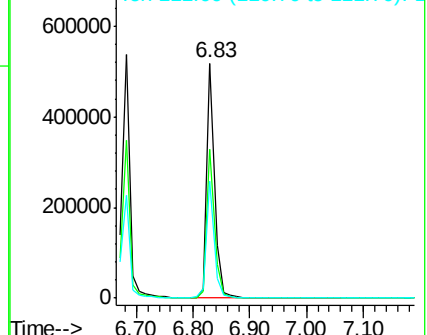
111 49.9 37.3 55.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.03 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

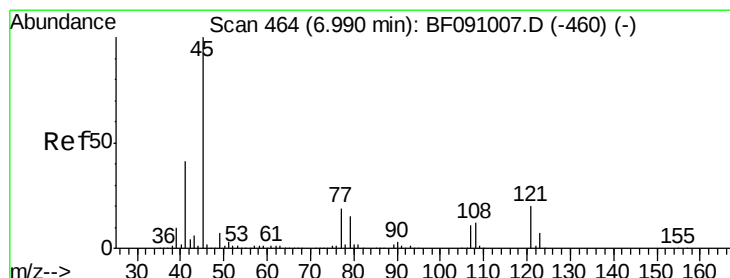
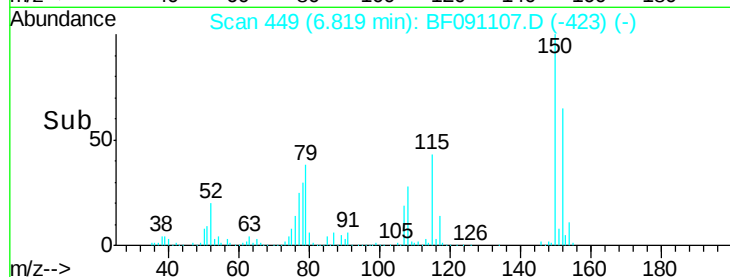
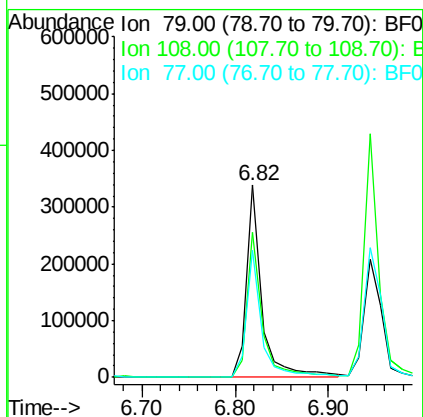
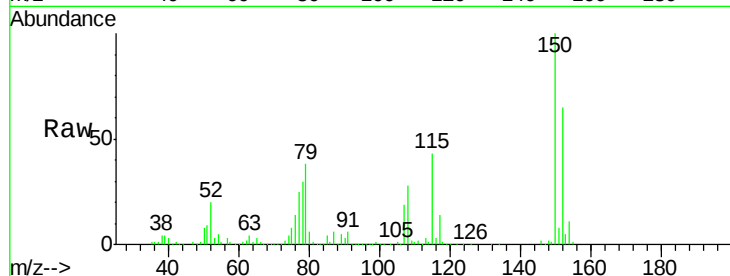
Tgt Ion: 79 Resp: 388668

Ion Ratio Lower Upper

79 100

108 75.4 55.7 83.5

77 65.9 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.28 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

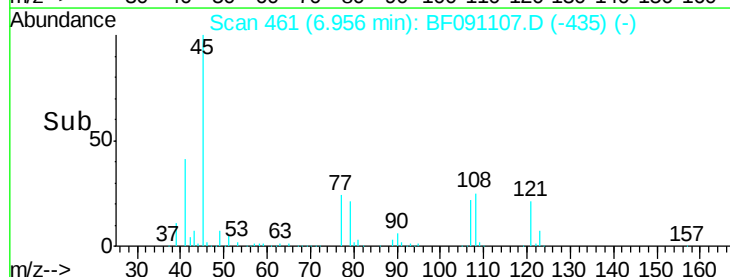
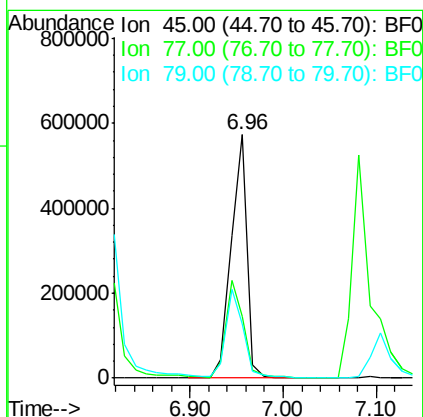
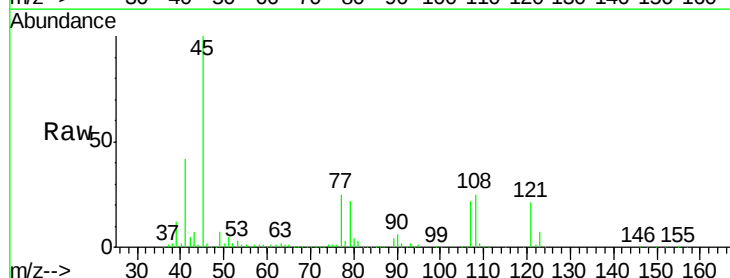
Tgt Ion: 45 Resp: 681092

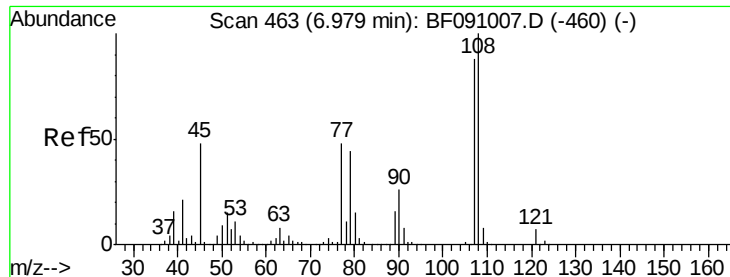
Ion Ratio Lower Upper

45 100

77 25.5 0.0 39.6

79 22.1 0.0 35.9

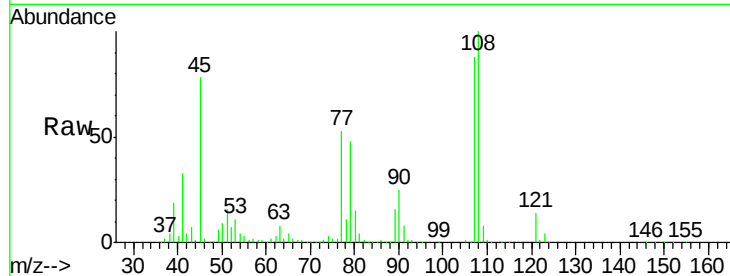




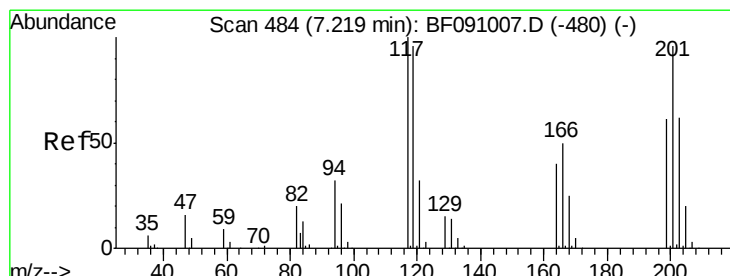
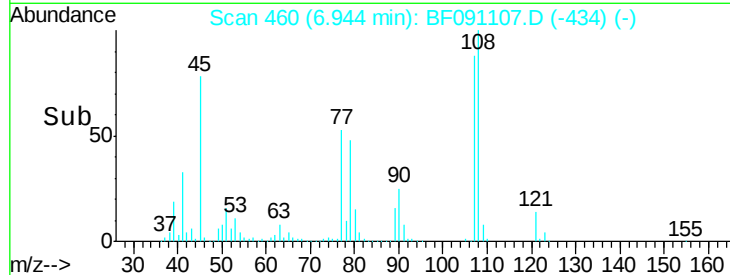
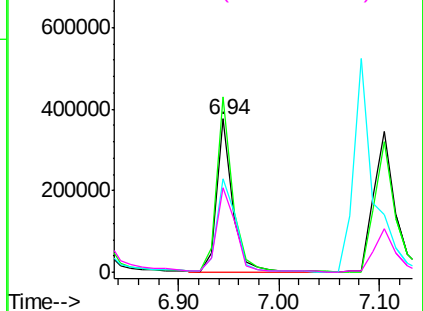
#17
2-Methylphenol
Concen: 39.29 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tgt Ion:107 Resp: 406731
Ion Ratio Lower Upper
107 100
108 114.0 91.0 136.6
77 60.7 43.8 65.8
79 55.2 40.6 60.8

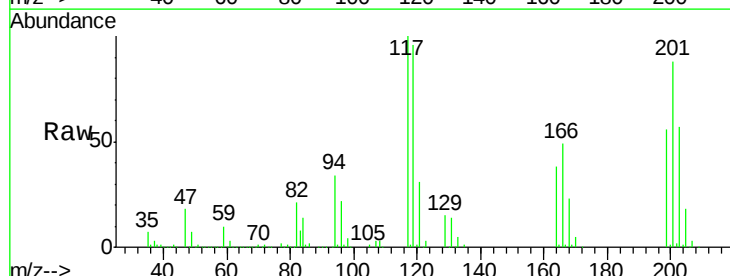


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

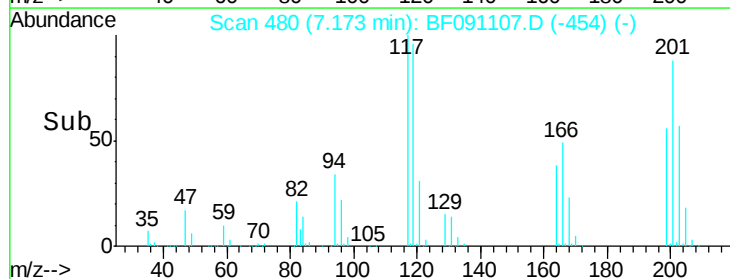
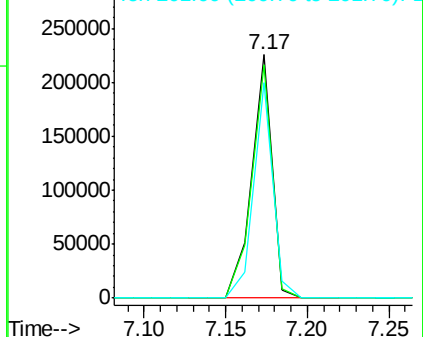


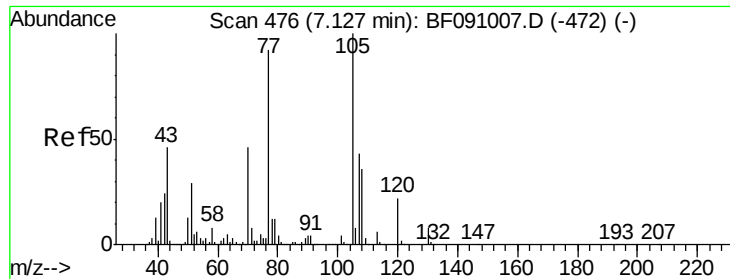
#18
Hexachloroethane
Concen: 35.74 ng
RT: 7.17 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion:117 Resp: 196280
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0
201 88.3 77.1 115.7



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

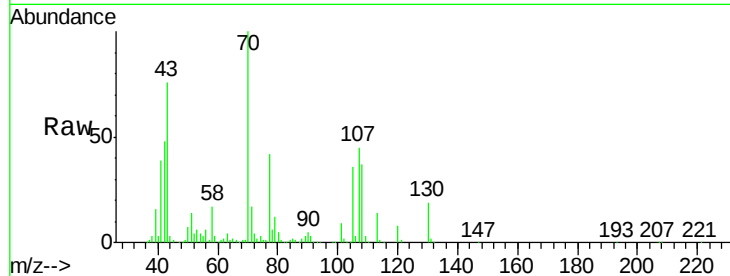




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.41 ng
 RT: 7.09 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tgt Ion:	70	Resp:	416652
Ion	Ratio	Lower	Upper
70	100		
42	48.2	41.7	62.5
101	8.8	6.7	10.1
130	18.7	13.8	20.8



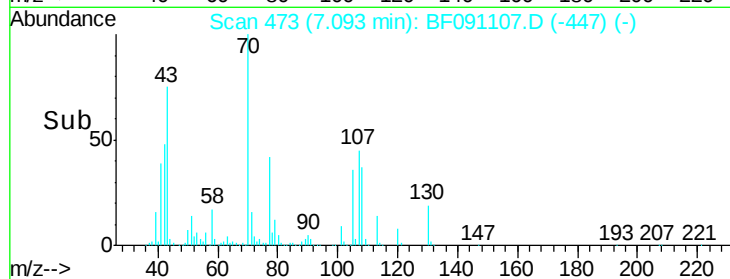
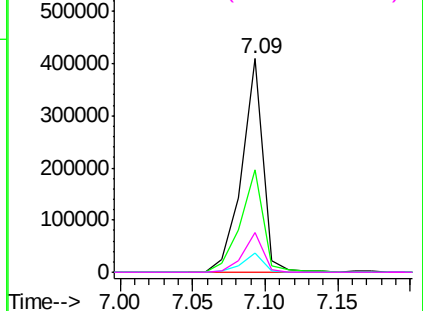
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

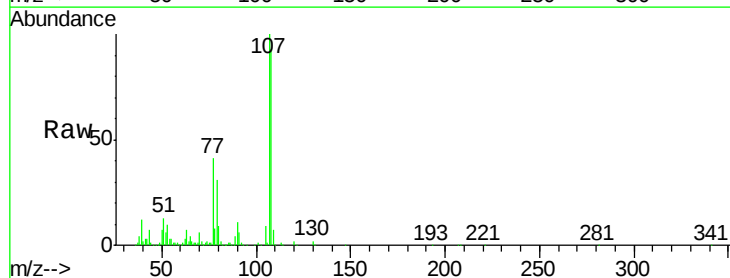
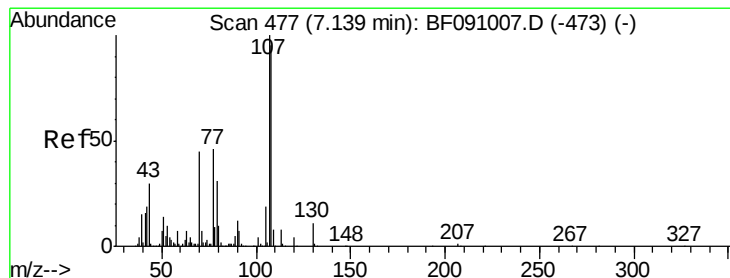
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
 3+4-Methylphenols
 Concen: 42.13 ng
 RT: 7.10 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion:	107	Resp:	523634
Ion	Ratio	Lower	Upper
107	100		
108	92.8	75.5	115.5
77	40.7	26.4	66.4
79	30.7	11.1	51.1



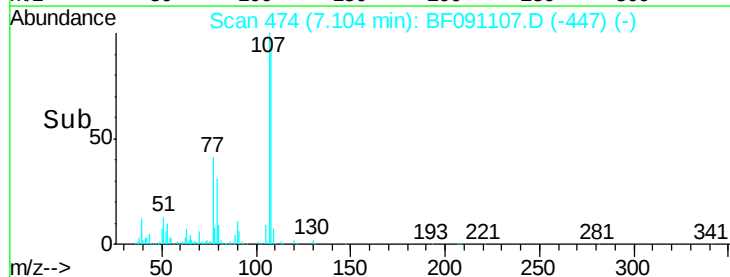
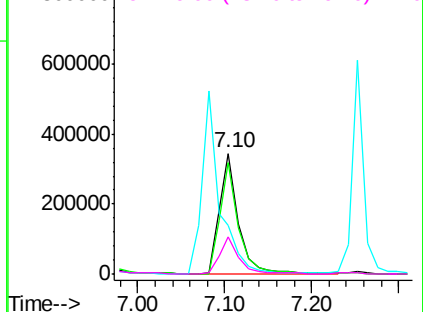
Abundance

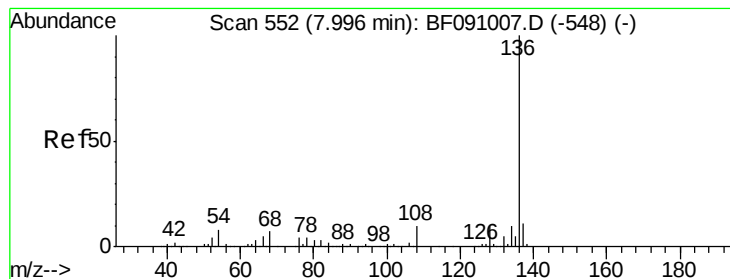
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

Tgt Ion:136 Resp: 758738

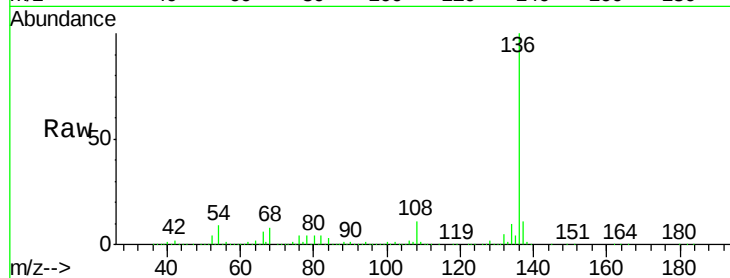
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 6.2 9.2

68 7.8 5.5 8.3

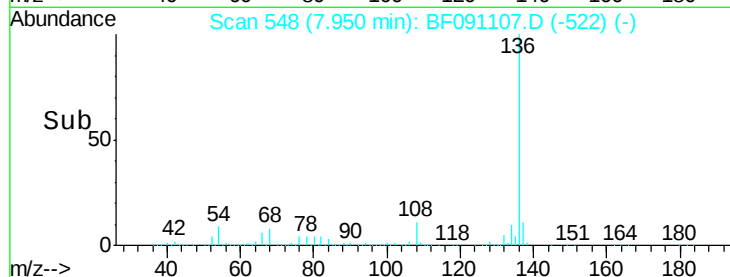


Abundance Ion 136.00 (135.70 to 136.70): E

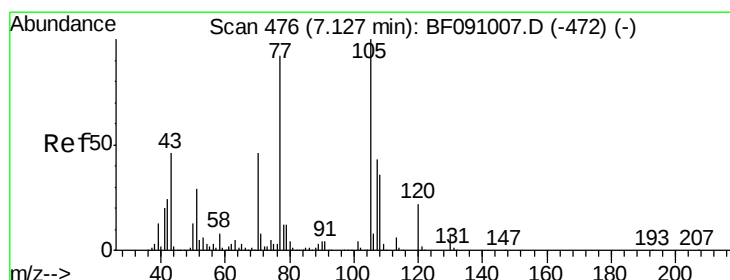
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.90 8.00 8.10 8.20



#22

Acetophenone

Concen: 39.58 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:105 Resp: 691444

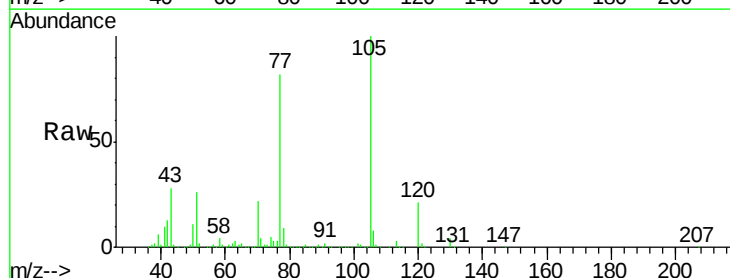
Ion Ratio Lower Upper

105 100

71 3.7 6.2 9.2#

51 25.6 23.3 34.9

120 21.2 17.4 26.0

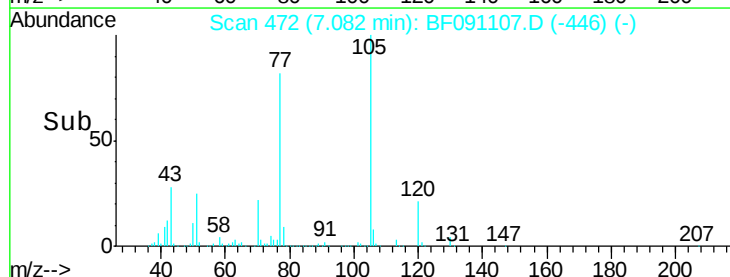


Abundance Ion 105.00 (104.70 to 105.70): E

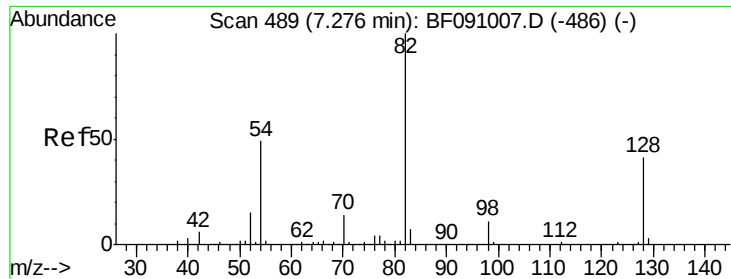
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



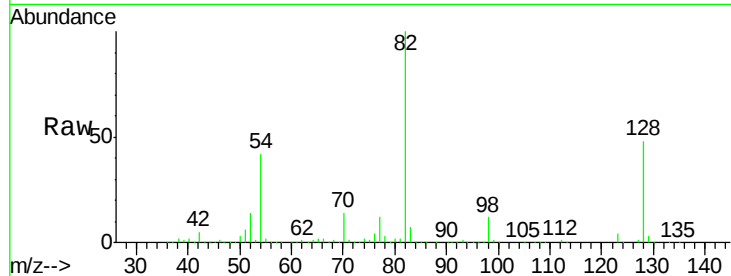
Time--> 7.00 7.10 7.20 7.30



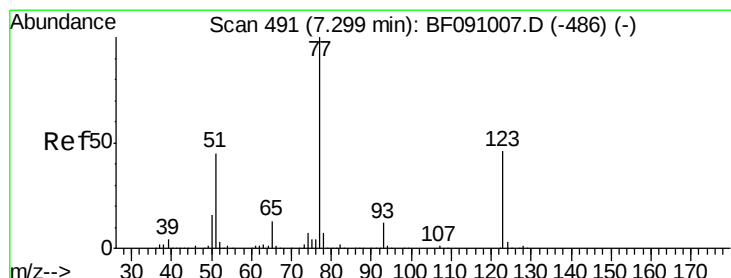
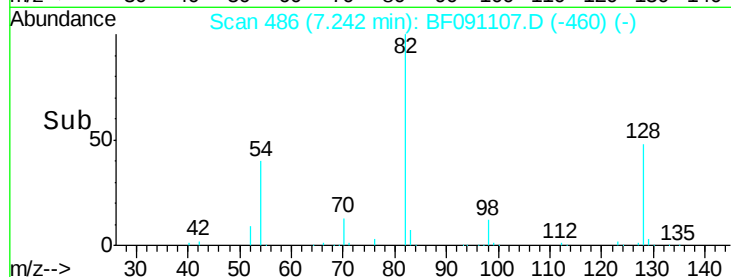
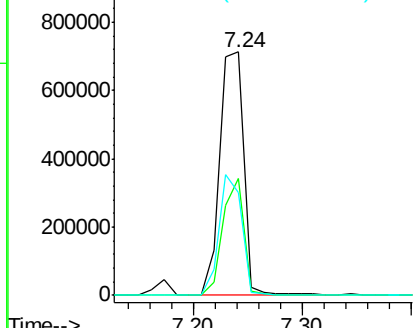
#23
 Nitrobenzene-d5
 Concen: 78.86 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tgt Ion: 82 Resp: 1096900
 Ion Ratio Lower Upper
 82 100
 128 48.3 32.4 48.6
 54 42.5 39.2 58.8

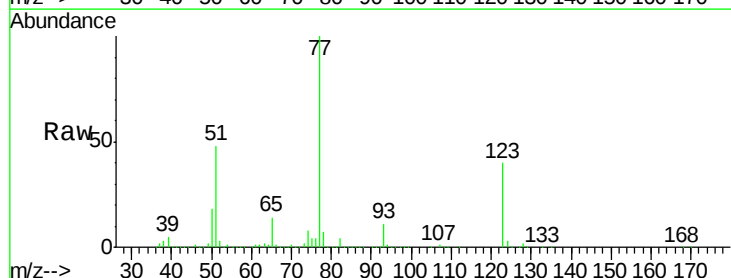


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

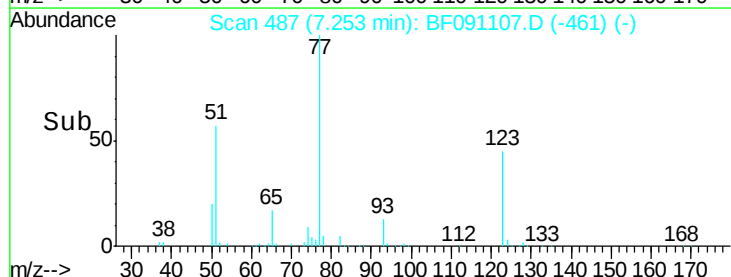
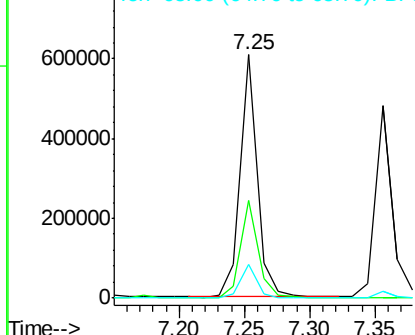


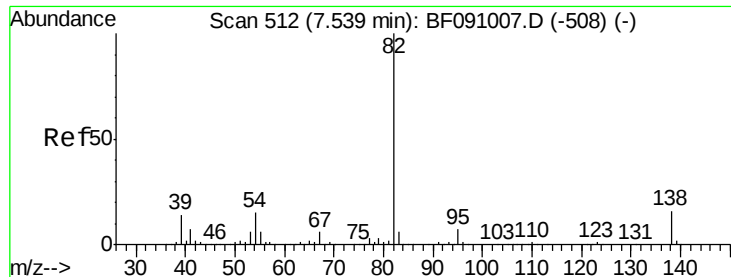
#24
 Nitrobenzene
 Concen: 36.05 ng
 RT: 7.25 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion: 77 Resp: 553742
 Ion Ratio Lower Upper
 77 100
 123 40.1 36.5 54.7
 65 13.7 10.7 16.1



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





#25

Isophorone

Concen: 36.61 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

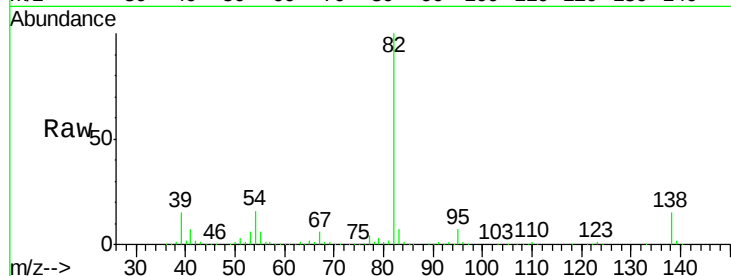
Tgt Ion: 82 Resp: 981146

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

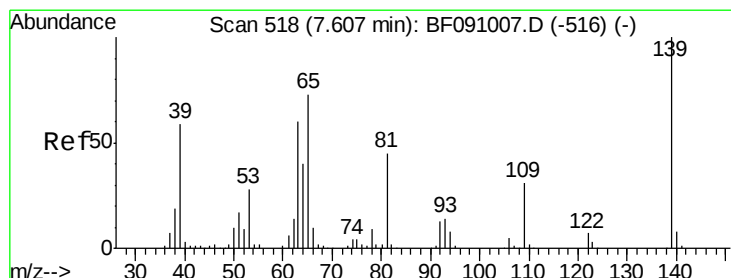
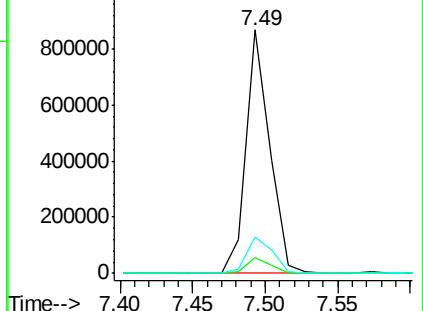
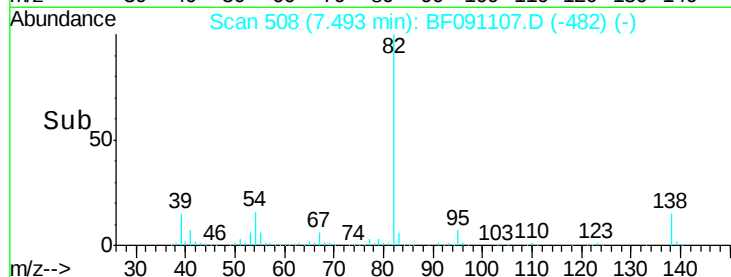
138 14.7 13.0 19.4



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: 38.48 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

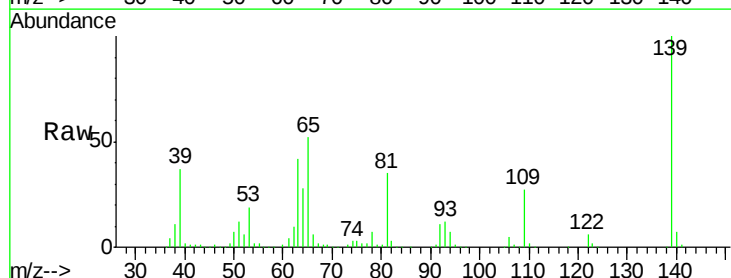
Tgt Ion: 139 Resp: 250154

Ion Ratio Lower Upper

139 100

109 27.1 24.7 37.1

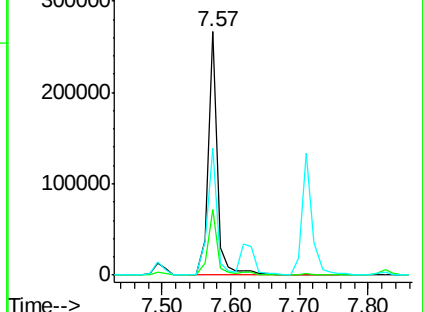
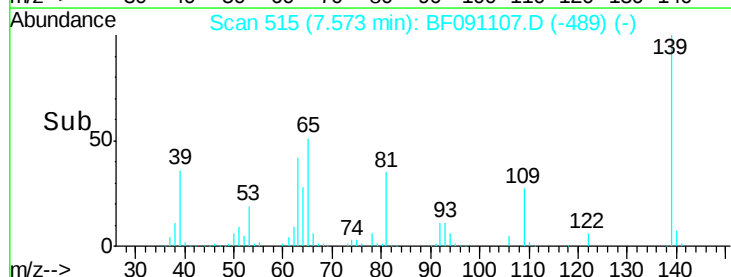
65 52.3 58.3 87.5#

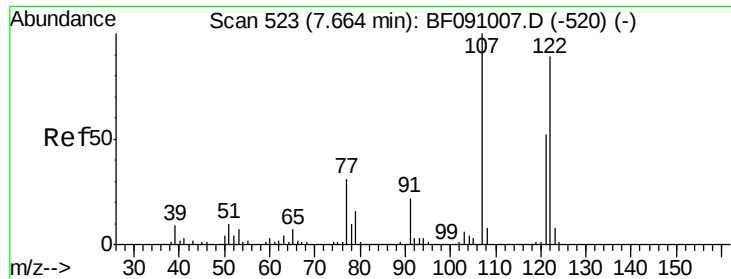


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

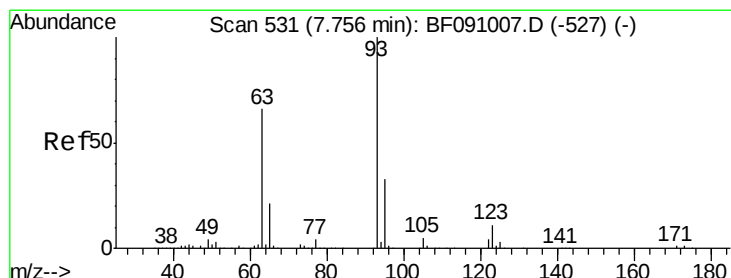
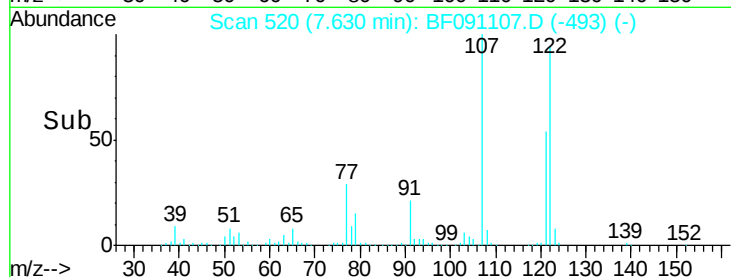
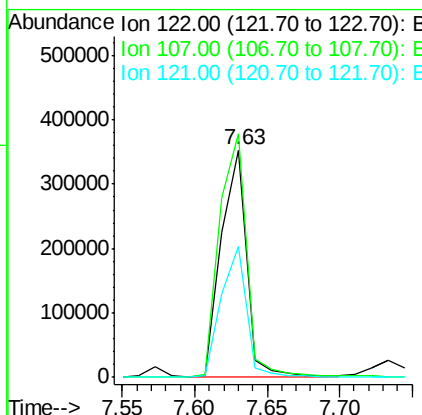
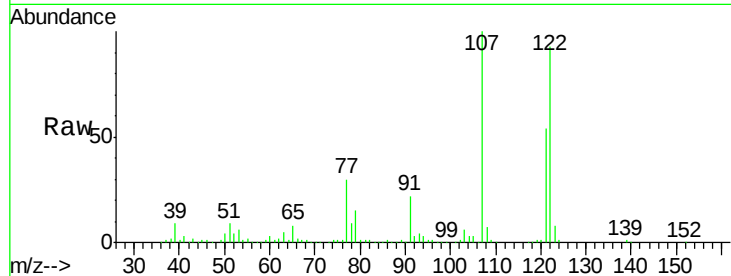




#27
 2,4-Dimethylphenol
 Concen: 40.12 ng
 RT: 7.63 min Scan# 520
 Delta R.T. 0.01 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

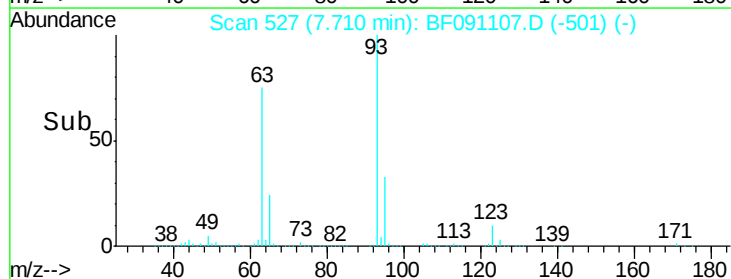
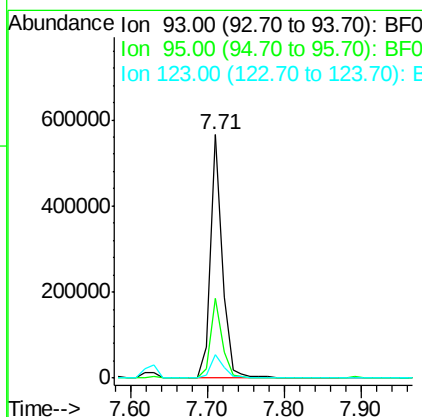
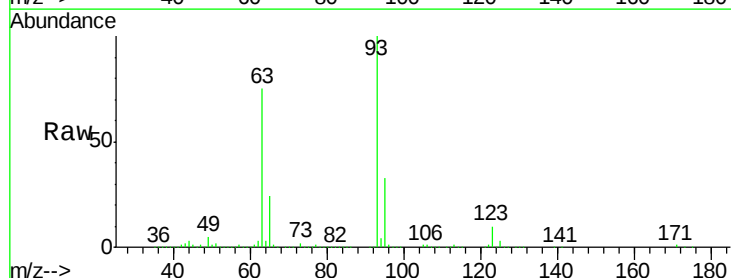
Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

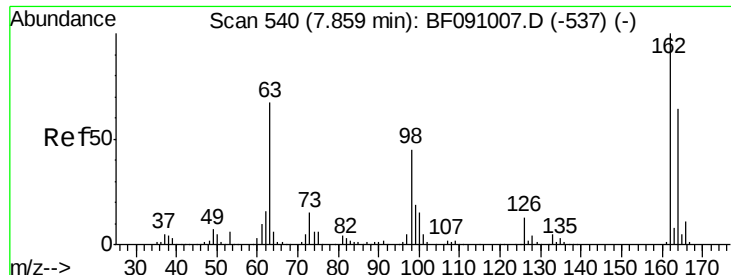
Tgt Ion:122 Resp: 431295
 Ion Ratio Lower Upper
 122 100
 107 107.1 89.6 134.4
 121 57.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.66 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion: 93 Resp: 595307
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 9.7 8.7 13.1

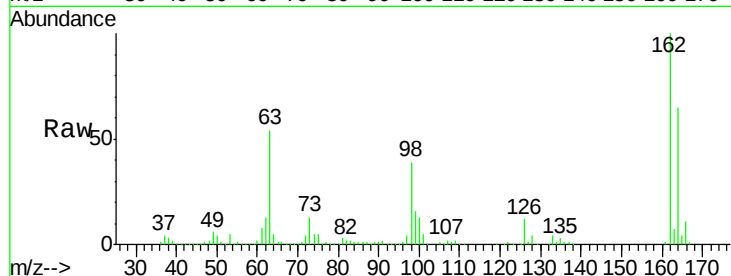




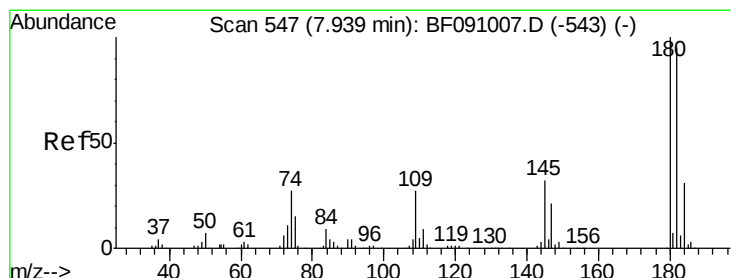
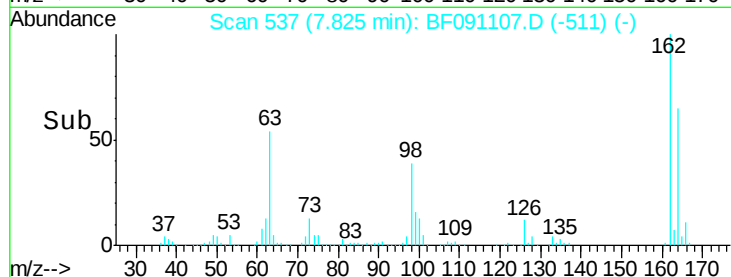
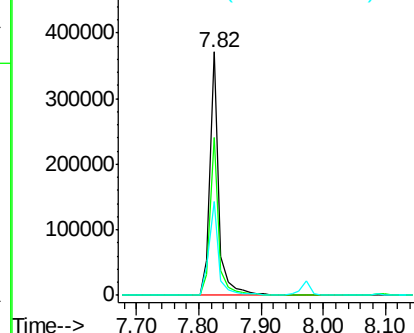
#29
2,4-Dichlorophenol
Concen: 39.38 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	38.8	25.2	65.2

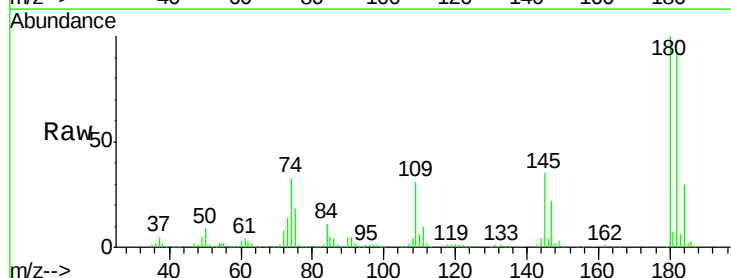


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

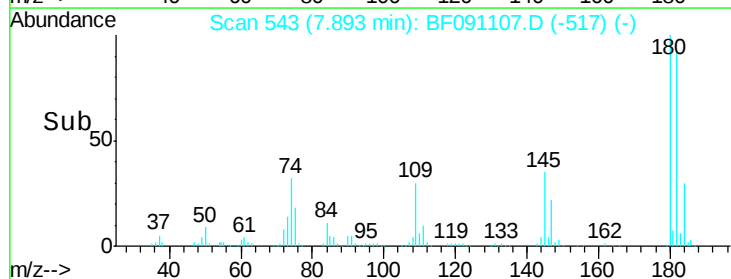
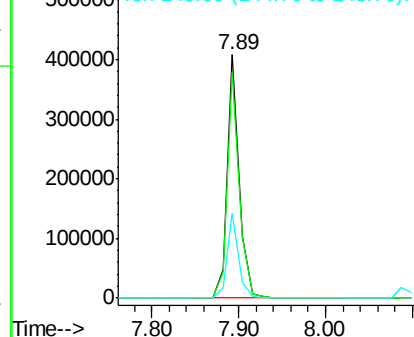


#30
1,2,4-Trichlorobenzene
Concen: 37.36 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.0	114.0
145	34.9	25.8	38.8



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: 38.69 ng

RT: 7.97 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

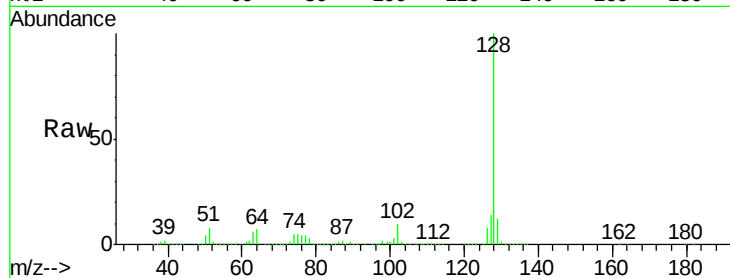
Tgt Ion:128 Resp: 1404044

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

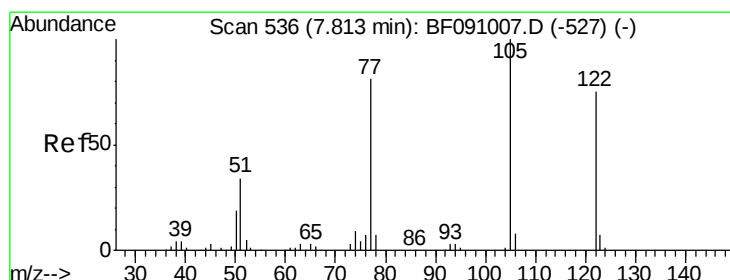
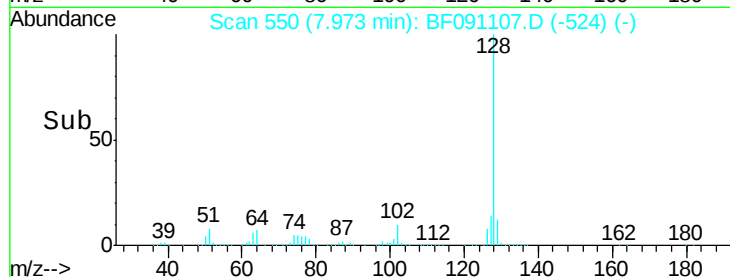
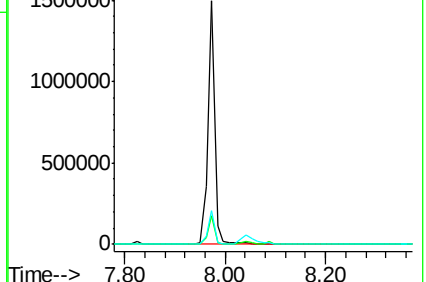
127 13.8 10.9 16.3



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: 11.00 ng

RT: 7.73 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

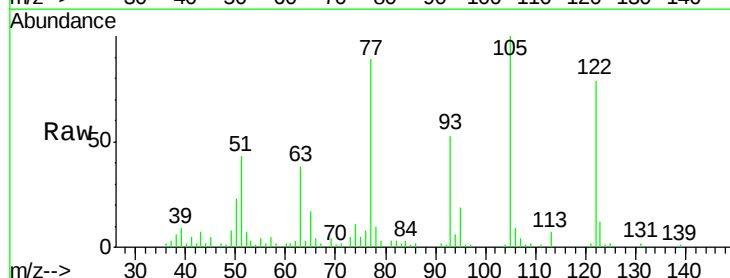
Tgt Ion:122 Resp: 55584

Ion Ratio Lower Upper

122 100

105 127.0 105.9 145.9

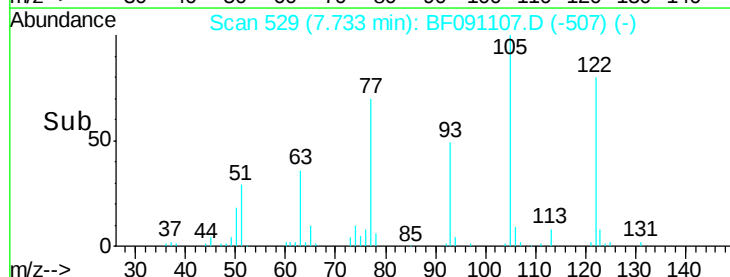
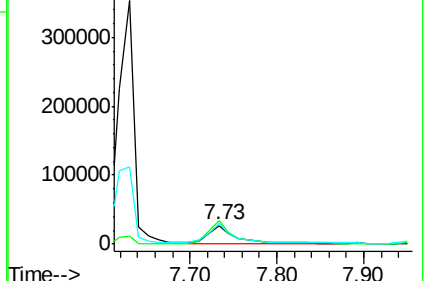
77 112.9 84.0 124.0

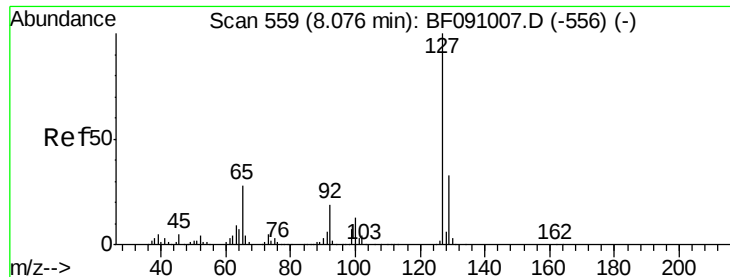


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

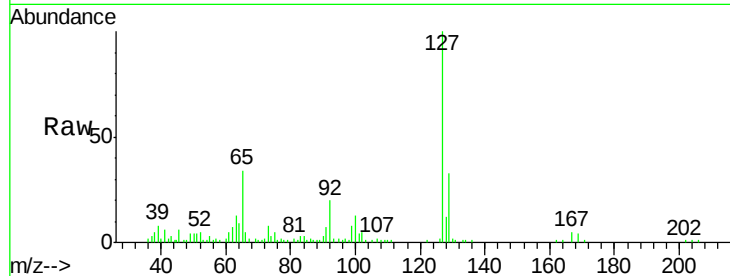




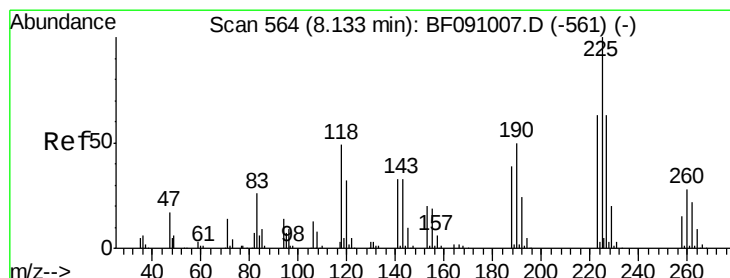
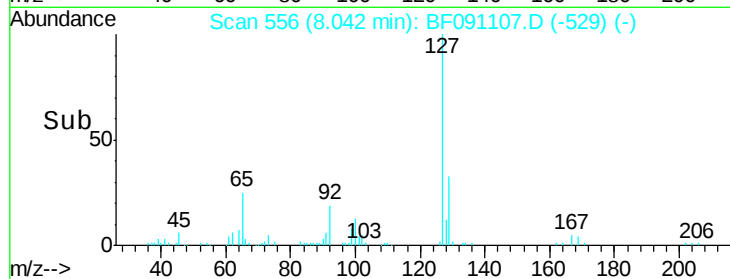
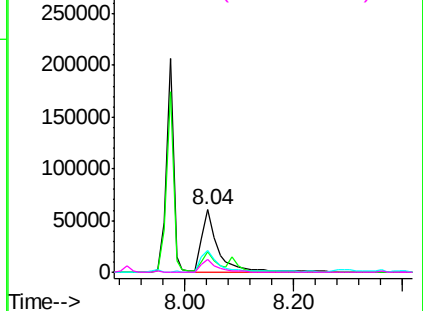
#33
4-Chloroaniline
Concen: 8.27 ng
RT: 8.04 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tgt Ion:	127	Resp:	124822
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	34.2	22.2	33.2#
92	19.5	15.0	22.4

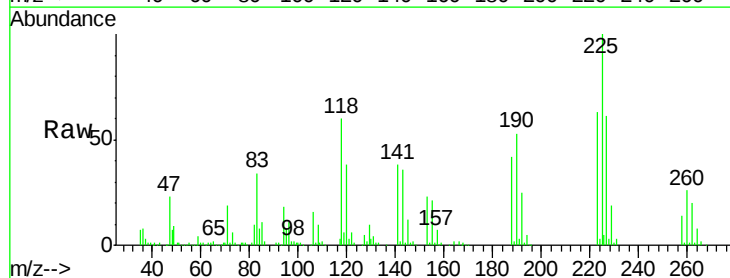


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

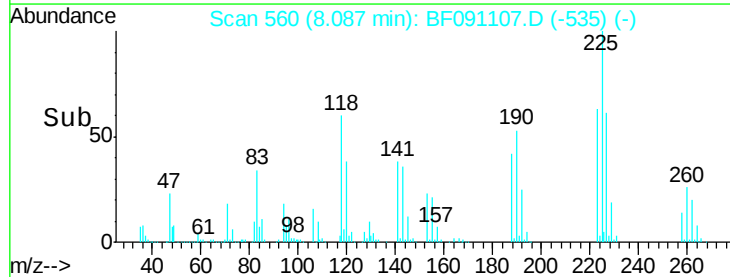
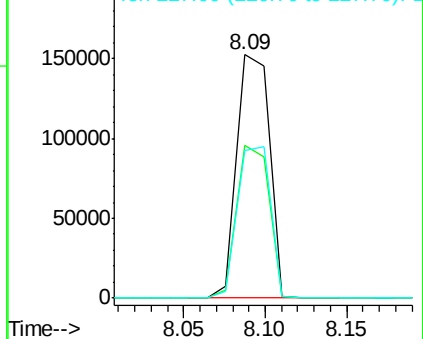


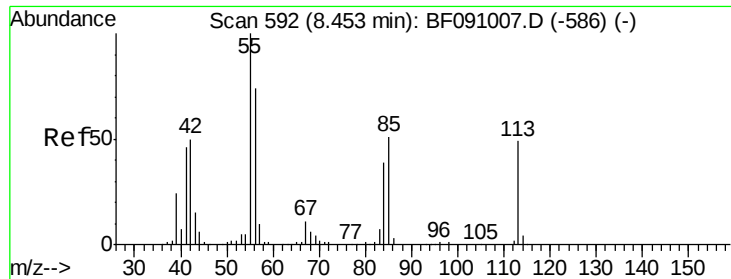
#34
Hexachlorobutadiene
Concen: 37.03 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion:	225	Resp:	210861
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	60.8	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

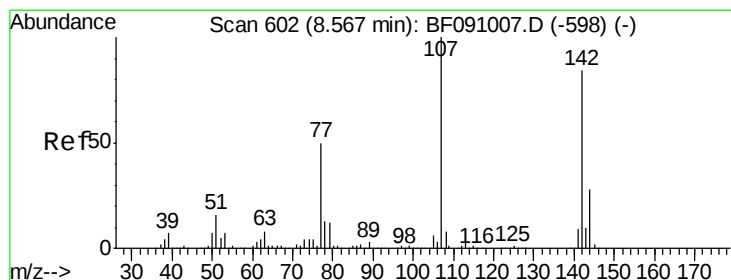
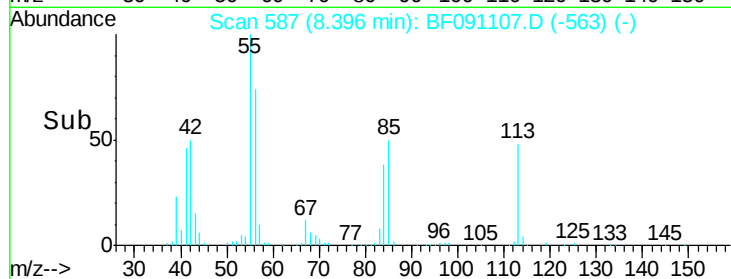
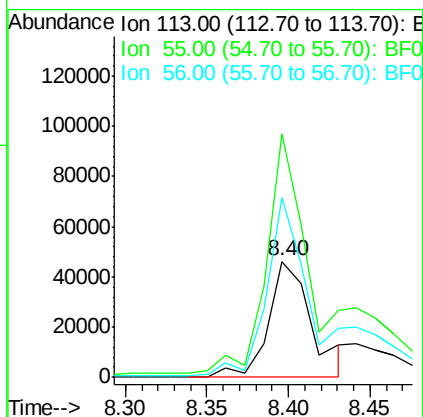
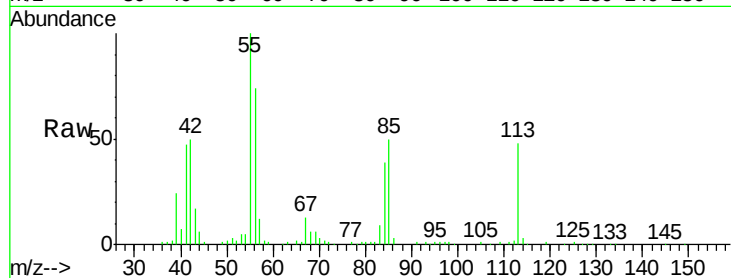




#35
 Caprolactam
 Concen: 28.93 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tgt Ion:113 Resp: 85270
 Ion Ratio Lower Upper
 113 100
 55 209.8 184.1 224.1
 56 155.1 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.77 ng
 RT: 8.53 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion:107 Resp: 440419
 Ion Ratio Lower Upper
 107 100
 144 24.7 22.5 33.7
 142 76.8 67.4 101.2

