

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091368.D
 Acq On : 30 Nov 2016 21:38
 Operator : UM/SJ
 Sample : PB94960BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BS

Quant Time: Dec 01 00:19:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	197229	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	773978	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	428765	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	615475	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	397161	20.00	ng	-0.03
86) Perylene-d12	15.44	264	410484	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	821026	68.00	ng	0.00
7) Phenol-d6	6.49	99	973606	65.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	1092701	79.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	232282	57.22	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1978273	83.54	ng	0.00
78) Terphenyl-d14	12.97	244	1503536	82.28	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	179143	32.80	ng	86
3) Pyridine	3.29	79	546610	35.37	ng	89
4) n-Nitrosodimethylamine	3.25	42	320275	39.49	ng	95
6) Aniline	6.53	93	419256	21.24	ng	# 67
8) 2-Chlorophenol	6.65	128	509757	38.51	ng	98
9) Benzaldehyde	6.40	77	147142	15.40	ng	97
10) Phenol	6.50	94	593136	33.92	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	484439	38.77	ng	96
12) 1,3-Dichlorobenzene	6.88	146	554384	37.65	ng	96
13) 1,4-Dichlorobenzene	6.88	146	554384	37.85	ng	97
14) 1,2-Dichlorobenzene	6.88	146	554384	40.64	ng	96
15) Benzyl Alcohol	7.01	79	454973	38.25	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	998333	37.16	ng	71
17) 2-Methylphenol	7.12	107	415287	39.69	ng	# 76
18) Hexachloroethane	7.38	117	199023	38.27	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	344730	36.82	ng	# 97
20) 3+4-Methylphenols	7.27	107	486370	38.08	ng	# 66
22) Acetophenone	7.28	105	701181	38.22	ng	94
24) Nitrobenzene	7.45	77	560357	39.63	ng	# 75
25) Isophorone	7.69	82	1000627	40.90	ng	98
26) 2-Nitrophenol	7.76	139	238752	37.05	ng	98
27) 2,4-Dimethylphenol	7.81	122	501009	41.56	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	578951	39.31	ng	99
29) 2,4-Dichlorophenol	8.01	162	414046	39.05	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	468674	39.42	ng	98
31) Naphthalene	8.17	128	1441494	39.19	ng	100
32) Benzoic acid	7.92	122	288381	32.45	ng	94
33) 4-Chloroaniline	8.22	127	138143	8.79	ng	98
34) Hexachlorobutadiene	8.30	225	285743	39.09	ng	99
35) Caprolactam	8.60	113	135634	44.50	ng	# 71
36) 4-Chloro-3-methylphenol	8.70	107	447994	39.13	ng	99
37) 2-Methylnaphthalene	8.87	142	962160	38.50	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	437420	36.19	ng	99
40) Hexachlorocyclopentadiene	9.02	237	294911	52.64	ng	98

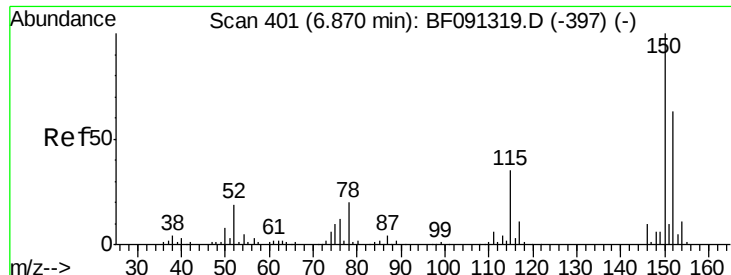
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	340821	43.39	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	272762	34.65	ng #	88
45) 1,1'-Biphenyl	9.33	154	1055180	34.22	ng	98
46) 2-Chloronaphthalene	9.35	162	802954	34.97	ng	98
47) 2-Nitroaniline	9.44	65	277630	33.67	ng #	73
48) Acenaphthylene	9.77	152	1332254	36.86	ng	99
49) Dimethylphthalate	9.64	163	1062771	40.94	ng	99
50) 2,6-Dinitrotoluene	9.69	165	247916	42.72	ng #	63
51) Acenaphthene	9.94	154	905154	37.13	ng	96
52) 3-Nitroaniline	9.85	138	137676	20.50	ng	99
53) 2,4-Dinitrophenol	9.96	184	110055	43.37	ng #	81
54) Dibenzofuran	10.12	168	1236025	37.87	ng #	89
55) 4-Nitrophenol	10.01	139	288394	59.45	ng	97
56) 2,4-Dinitrotoluene	10.09	165	333715	44.33	ng	98
57) Fluorene	10.46	166	895398	35.73	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	256230	38.12	ng	95
59) Diethylphthalate	10.33	149	1015210	39.61	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	450265	35.82	ng	92
61) 4-Nitroaniline	10.47	138	193031	30.61	ng	91
62) Azobenzene	10.61	77	1103321	42.19	ng	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	92256	27.21	ng #	70
65) n-Nitrosodiphenylamine	10.56	169	742937	39.81	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	299705	45.30	ng #	78
67) Hexachlorobenzene	11.00	284	272339	38.10	ng #	78
68) Atrazine	11.09	200	236426	39.12	ng	98
69) Pentachlorophenol	11.19	266	288569	68.57	ng	95
70) Phenanthrene	11.41	178	1159771	36.26	ng	99
71) Anthracene	11.46	178	1330018	41.90	ng	99
72) Carbazole	11.61	167	1023626	35.54	ng	98
73) Di-n-butylphthalate	11.96	149	1456634	44.62	ng	99
74) Fluoranthene	12.60	202	1177932	38.88	ng	98
76) Benzidine	12.71	184	390089	33.46	ng	98
77) Pyrene	12.83	202	1140414	37.84	ng	98
79) Butylbenzylphthalate	13.44	149	455228	40.33	ng	89
80) Benzo(a)anthracene	14.00	228	892413	38.42	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	280992	34.34	ng #	98
82) Chrysene	14.05	228	884336	38.48	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	621335	43.43	ng #	91
84) Di-n-octyl phthalate	14.62	149	1079868	49.88	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	838525	39.84	ng	95
87) Benzo(b)fluoranthene	15.07	252	1826810	71.60	ng	98
88) Benzo(k)fluoranthene	15.07	252	1827741	85.19	ng #	97
89) Benzo(a)pyrene	15.39	252	875822	38.22	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	698137	32.94	ng #	94
91) Benzo(g,h,i)perylene	17.27	276	660385	30.22	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

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PB94960BS

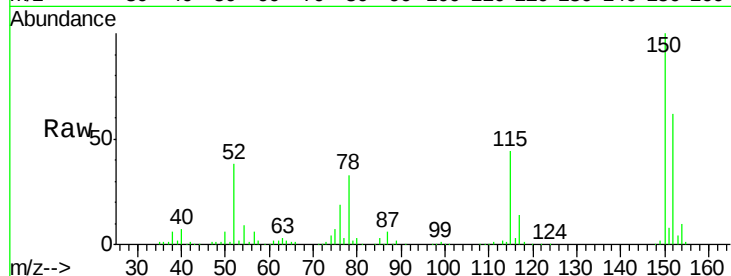
Tgt Ion:152 Resp: 197229

Ion Ratio Lower Upper

152 100

150 160.1 122.5 183.7

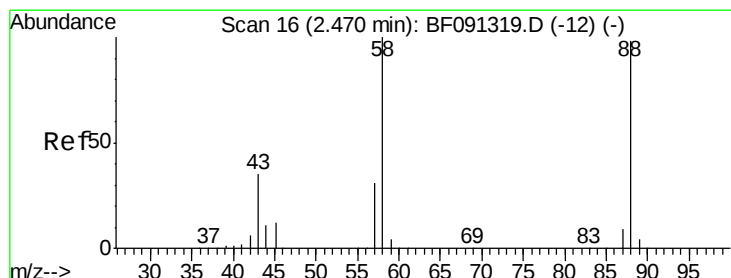
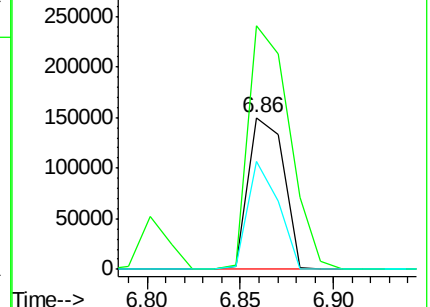
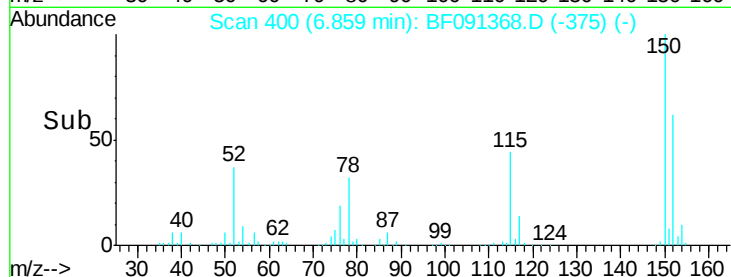
115 71.2 51.8 77.8



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: 32.80 ng

RT: 2.57 min Scan# 25

Delta R.T. 0.07 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

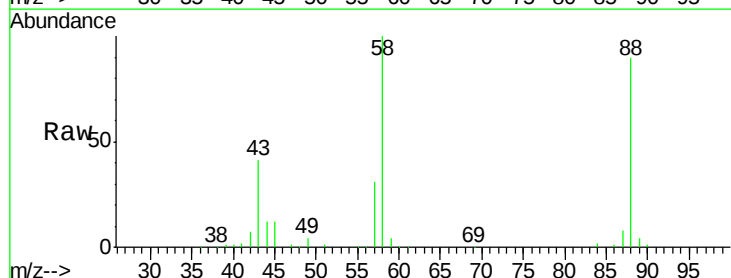
Tgt Ion: 88 Resp: 179143

Ion Ratio Lower Upper

88 100

58 105.1 70.3 105.5

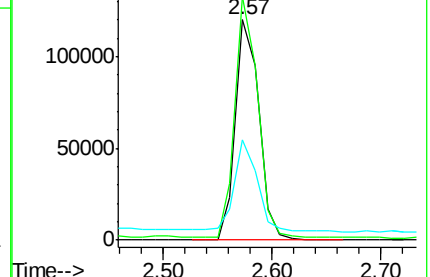
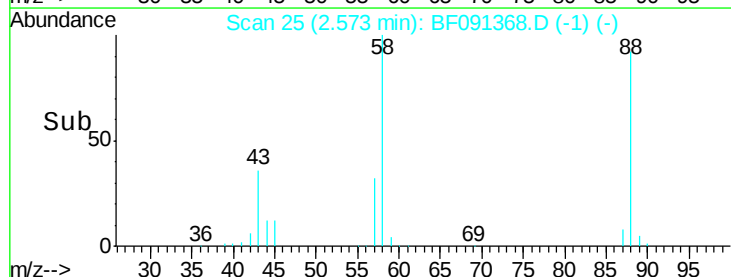
43 42.4 31.3 46.9

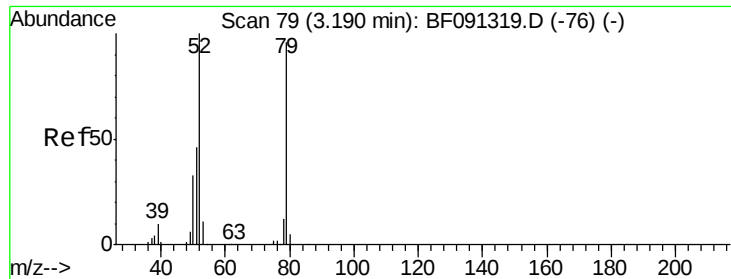


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.37 ng

RT: 3.29 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

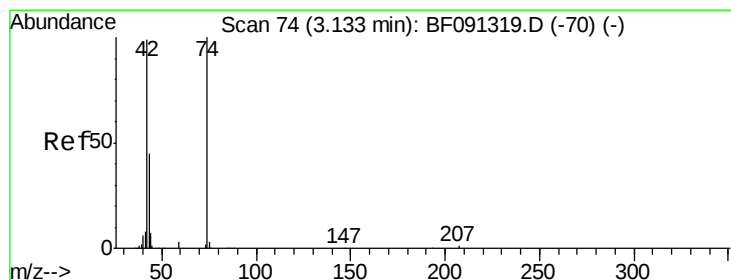
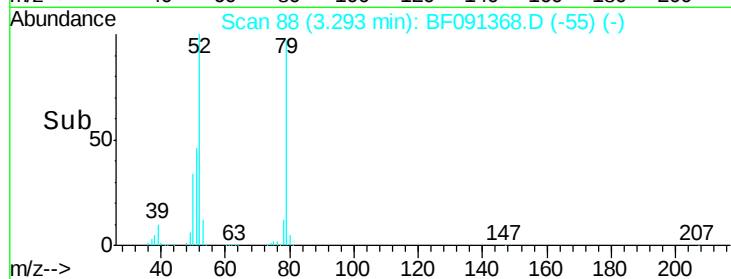
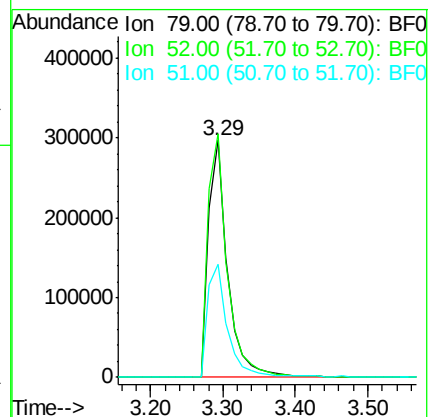
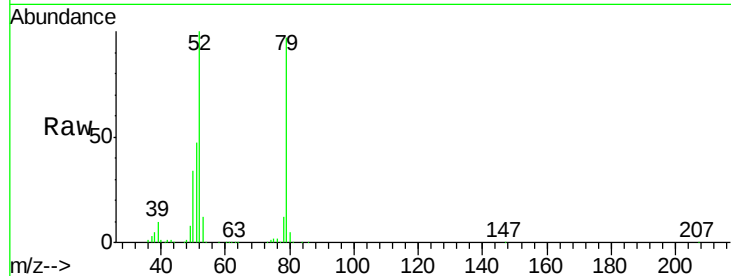
Tgt Ion: 79 Resp: 546610

Ion Ratio Lower Upper

79 100

52 102.7 71.0 106.4

51 47.8 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 39.49 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

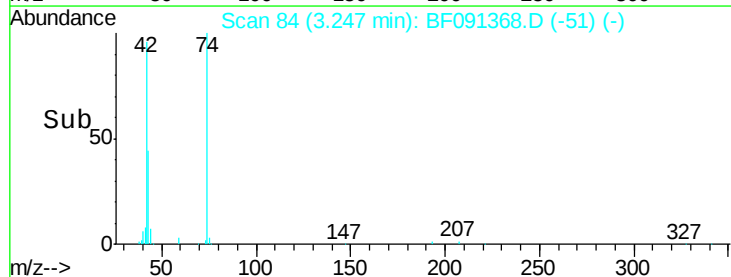
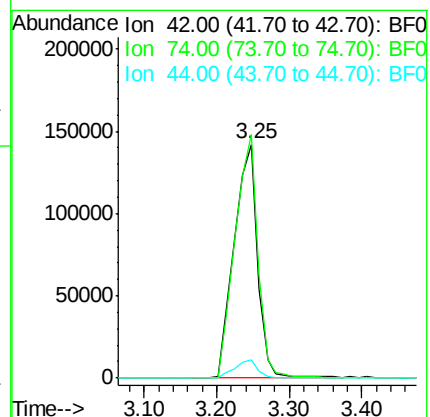
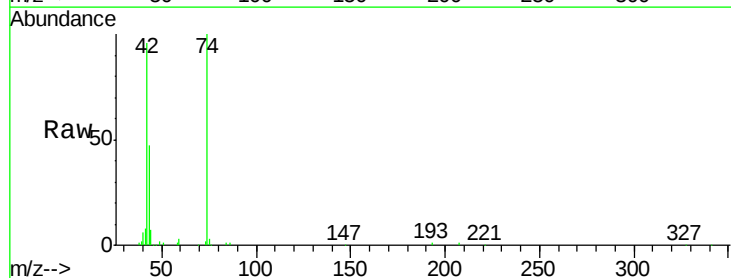
Tgt Ion: 42 Resp: 320275

Ion Ratio Lower Upper

42 100

74 104.0 78.9 118.3

44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 68.00 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

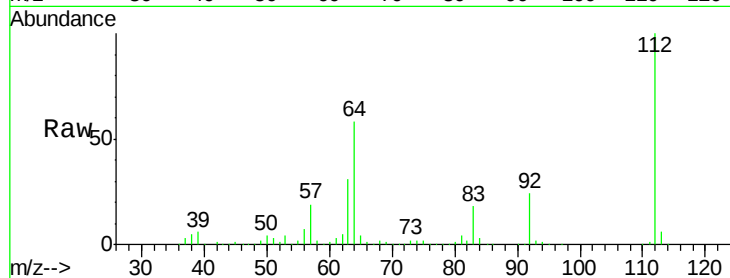
Tgt Ion: 112 Resp: 821026

Ion Ratio Lower Upper

112 100

64 58.1 61.5 92.3#

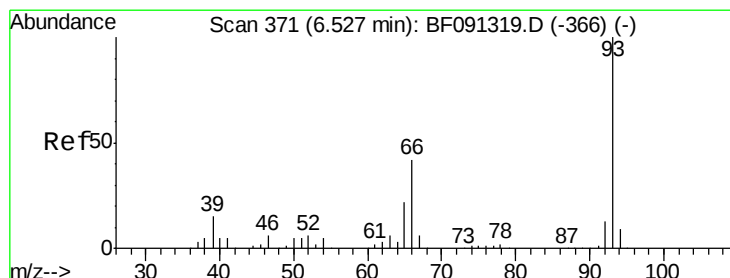
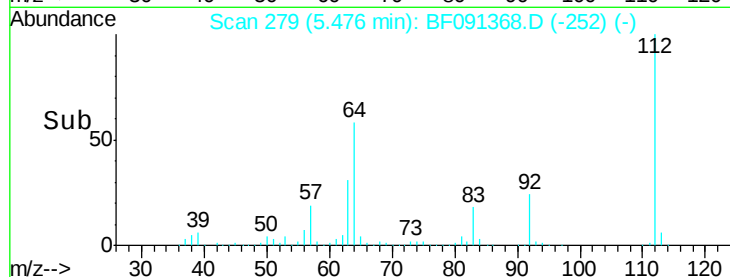
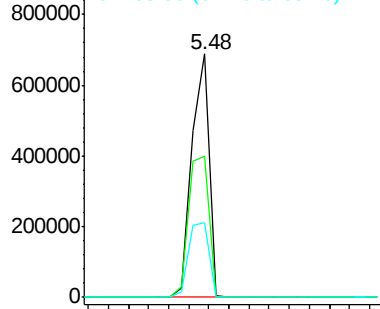
63 30.8 33.3 49.9#



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: 21.24 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

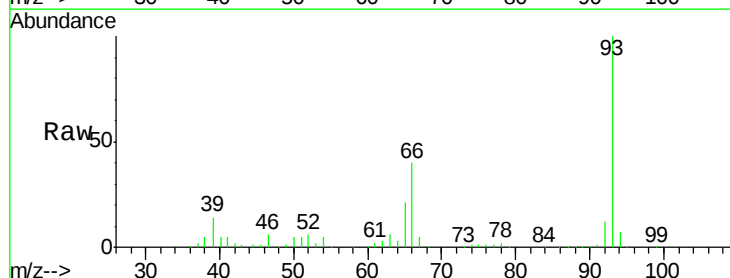
Tgt Ion: 93 Resp: 419256

Ion Ratio Lower Upper

93 100

66 40.5 55.8 83.6#

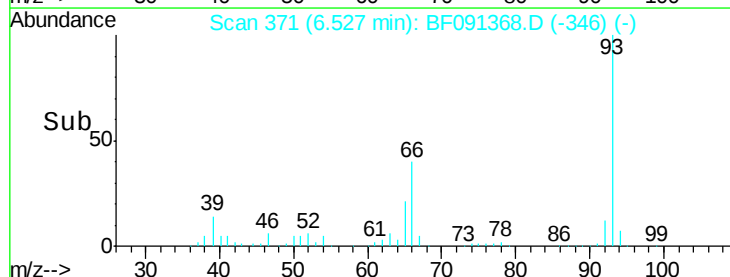
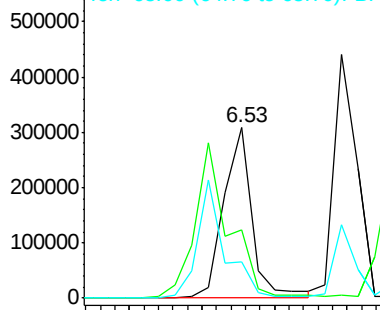
65 21.1 29.9 44.9#

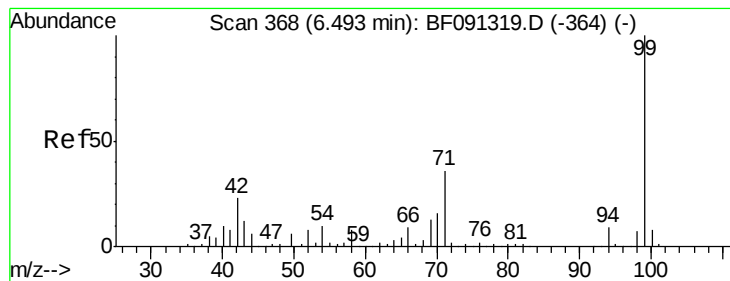


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.51 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampled :

PB94960BS

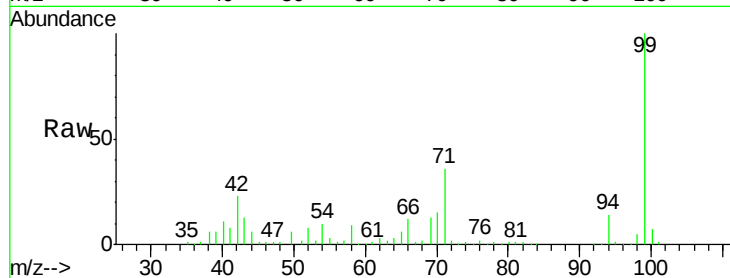
Tgt Ion: 99 Resp: 973606

Ion Ratio Lower Upper

99 100

42 23.3 20.6 31.0

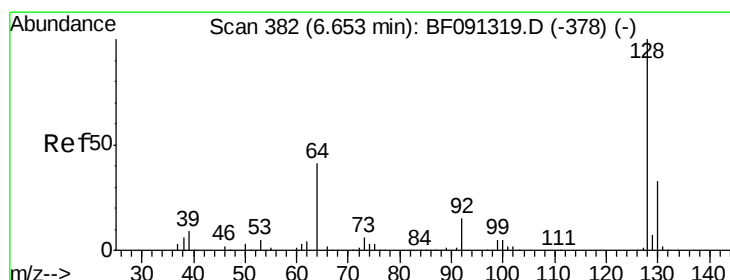
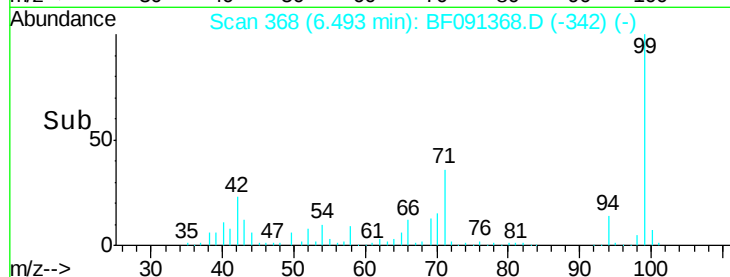
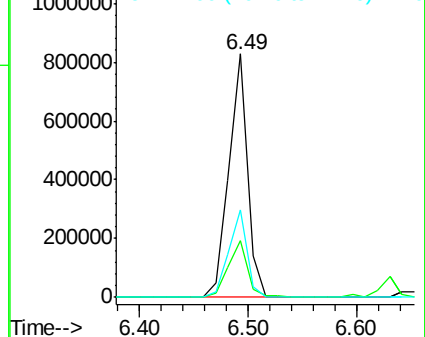
71 36.1 29.9 44.9



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: 38.51 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

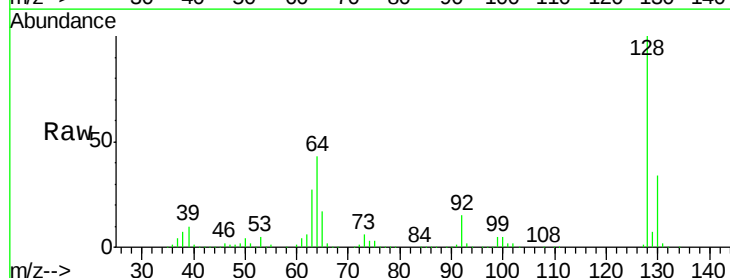
Tgt Ion: 128 Resp: 509757

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

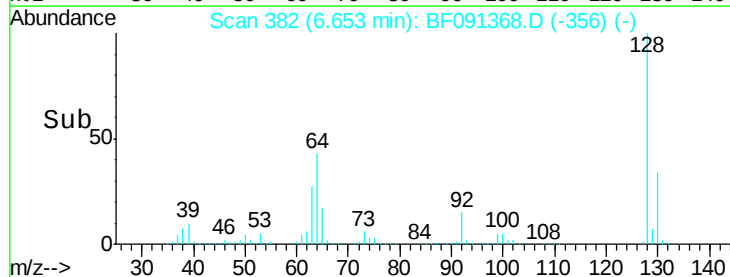
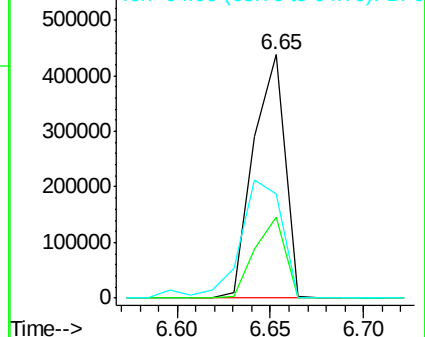
64 42.6 24.1 64.1

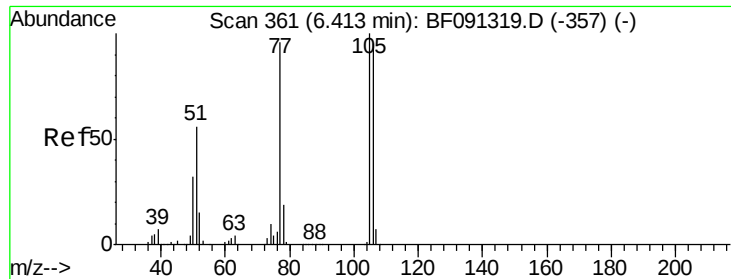


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.40 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091368.D

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Instrument :

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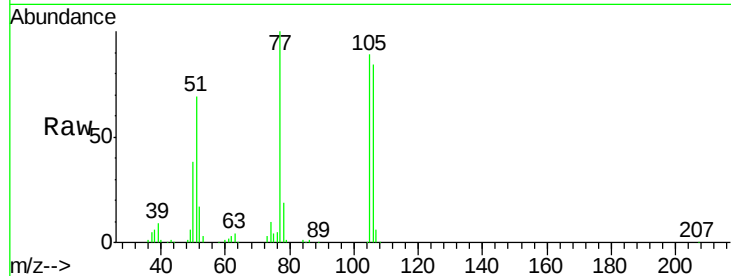
Tgt Ion: 77 Resp: 147142

Ion Ratio Lower Upper

77 100

105 88.9 66.4 106.4

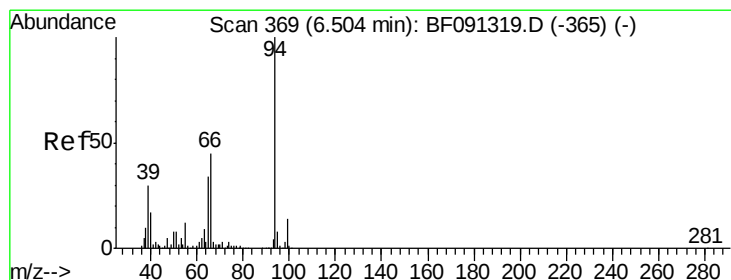
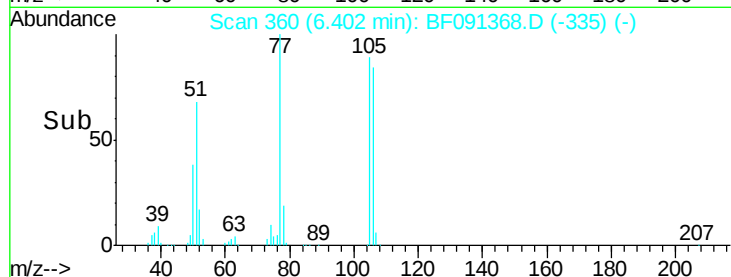
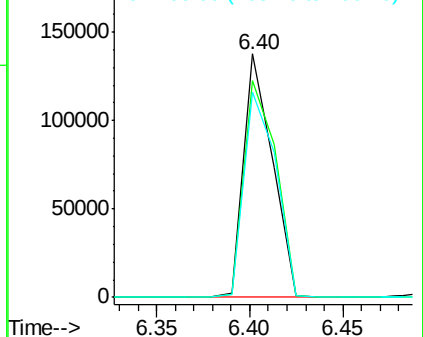
106 84.5 60.9 100.9



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: 33.92 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

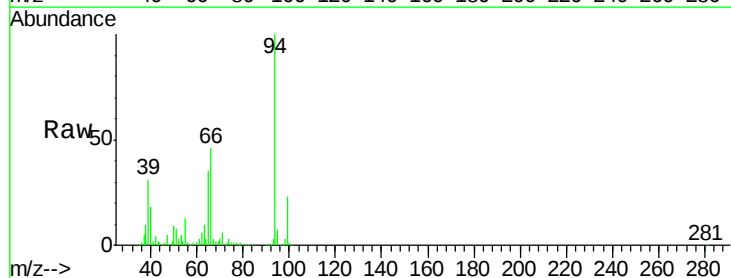
Tgt Ion: 94 Resp: 593136

Ion Ratio Lower Upper

94 100

65 34.8 16.9 56.9

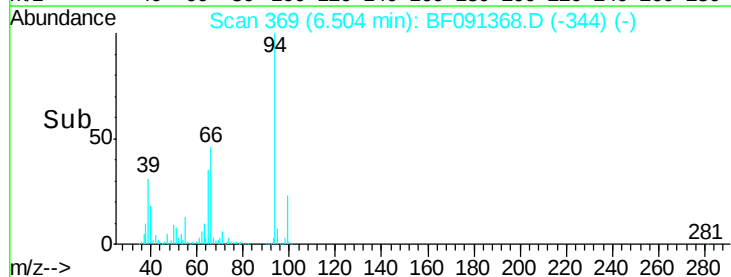
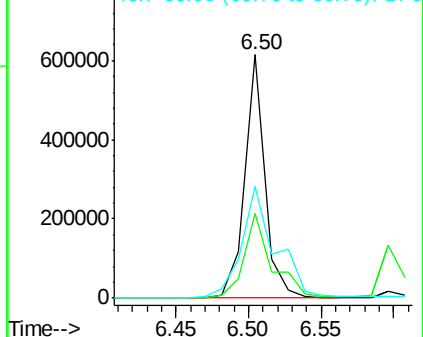
66 45.7 30.6 70.6

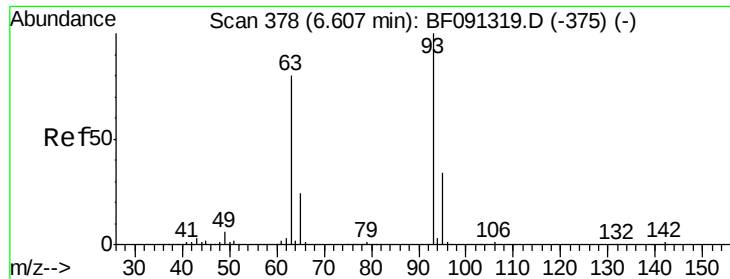


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

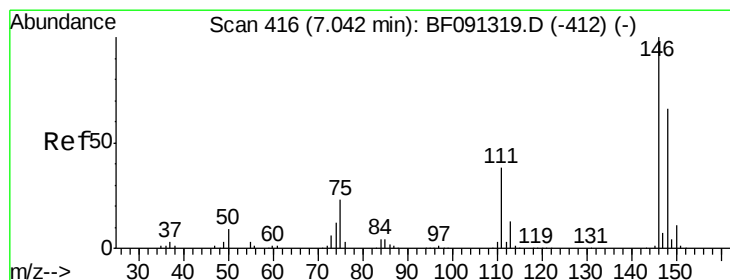
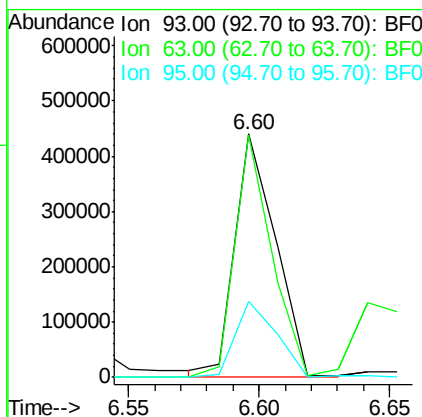
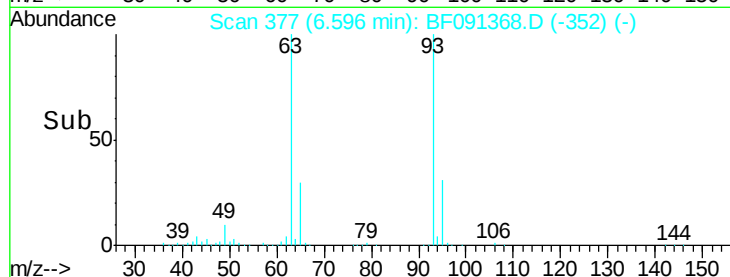
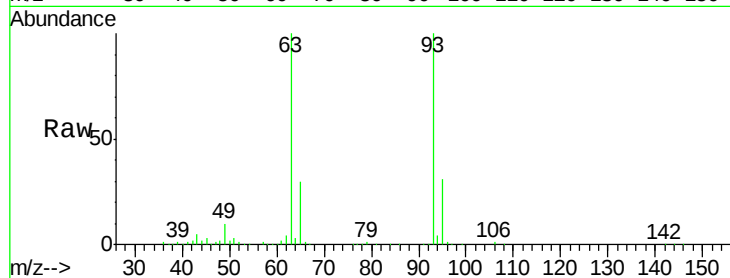




#11
 bis(2-Chloroethyl)ether
 Concen: 38.77 ng
 RT: 6.60 min Scan# 377
 Delta R.T. -0.02 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

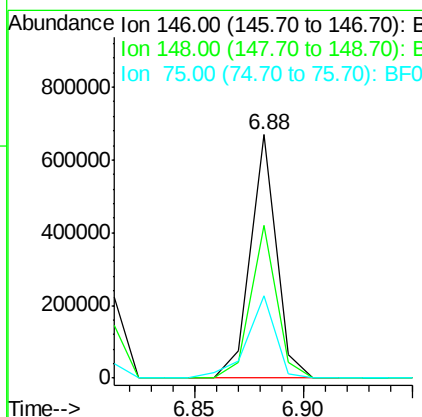
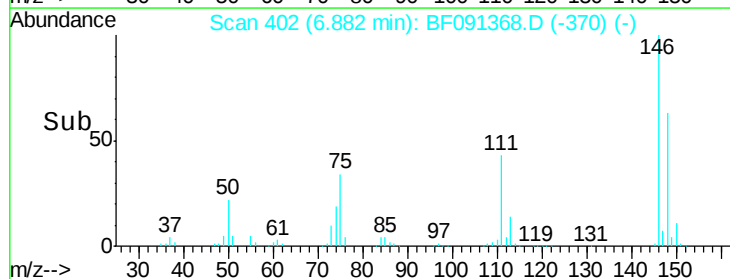
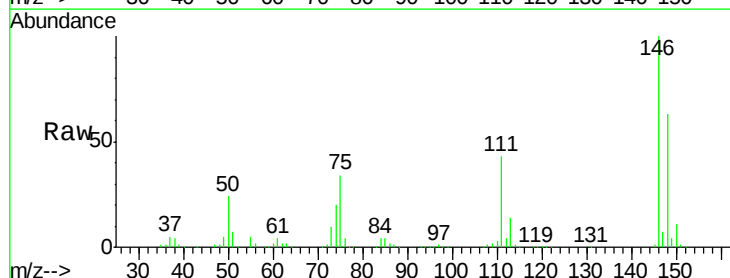
Instrument :
 BNA_F
 ClientSampleId :
 PB94960BS

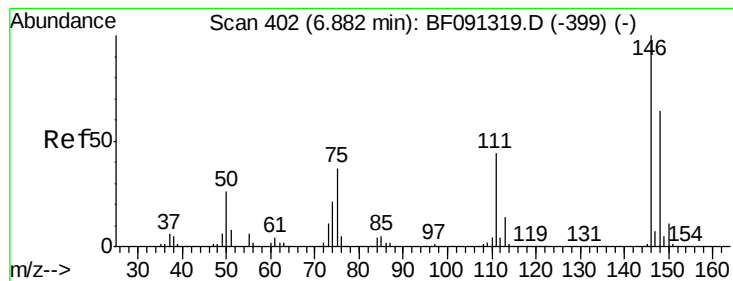
Tgt Ion: 93 Resp: 484439
 Ion Ratio Lower Upper
 93 100
 63 99.7 74.8 114.8
 95 31.3 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 37.65 ng
 RT: 6.88 min Scan# 402
 Delta R.T. 0.06 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

Tgt Ion: 146 Resp: 554384
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.0
 75 33.9 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.85 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

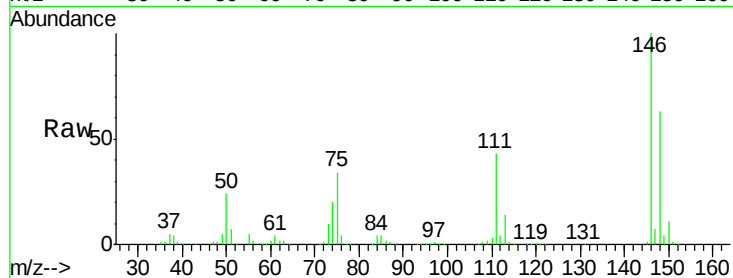
Tgt Ion:146 Resp: 554384

Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

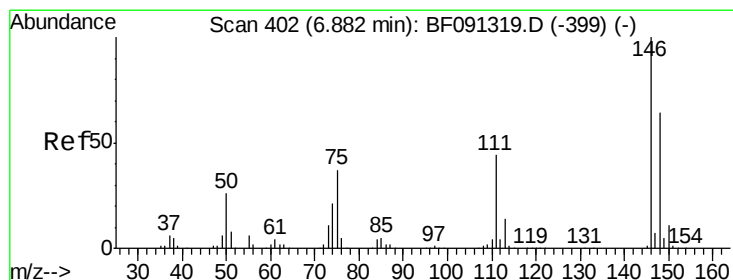
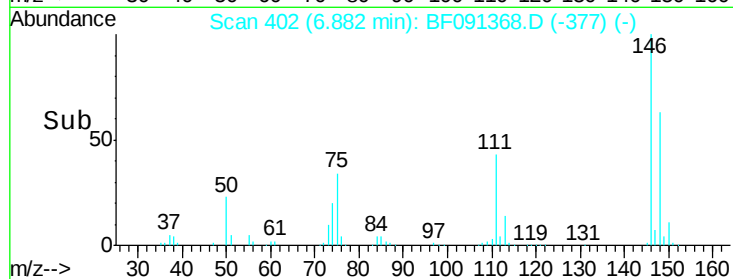
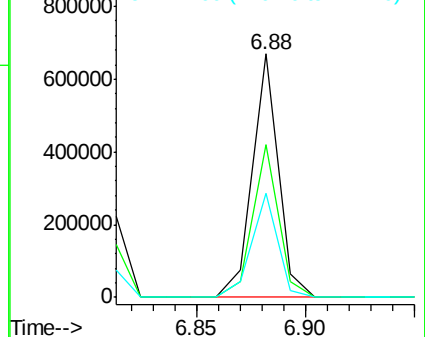
111 42.9 32.2 48.2



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: 40.64 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.17 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

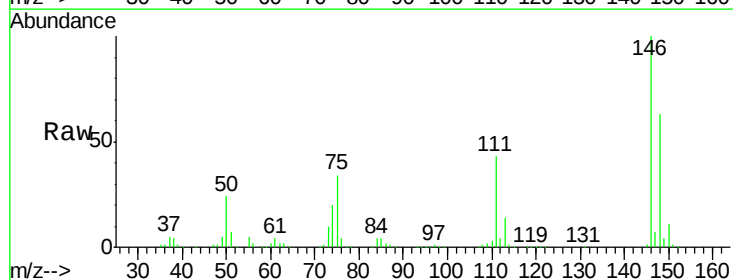
Tgt Ion:146 Resp: 554384

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

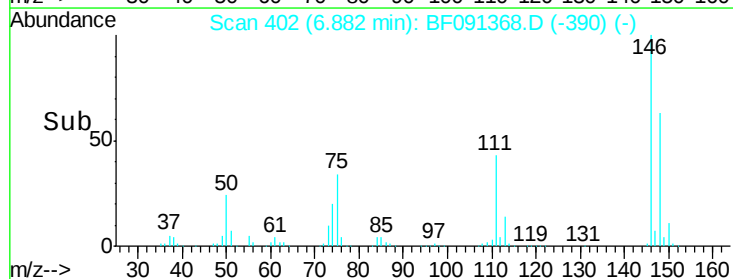
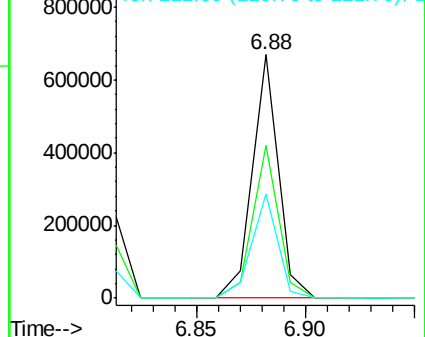
111 42.9 38.9 58.3

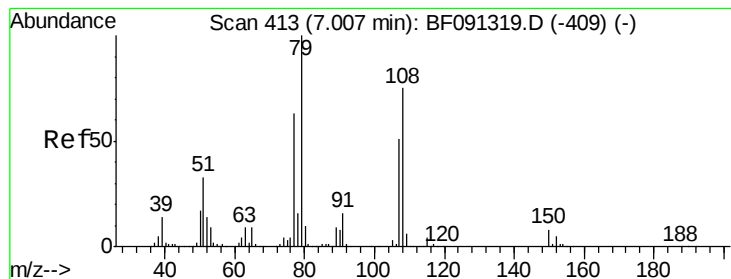


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.25 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

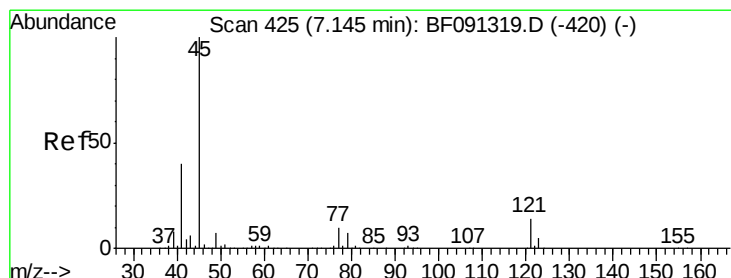
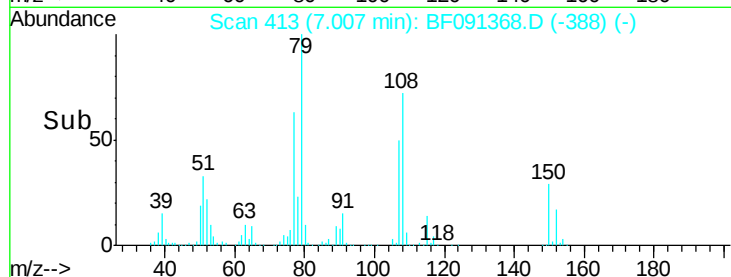
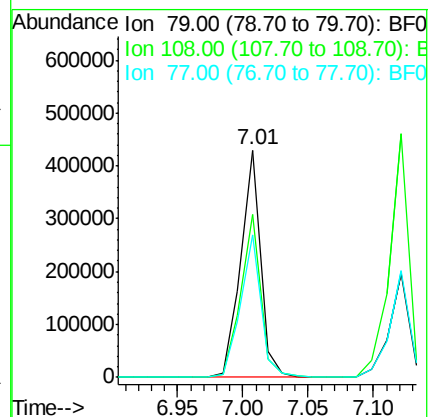
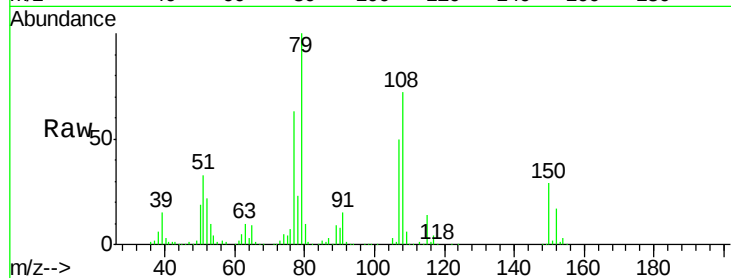
Tgt Ion: 79 Resp: 454973

Ion Ratio Lower Upper

79 100

108 71.5 62.7 94.1

77 62.9 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.16 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

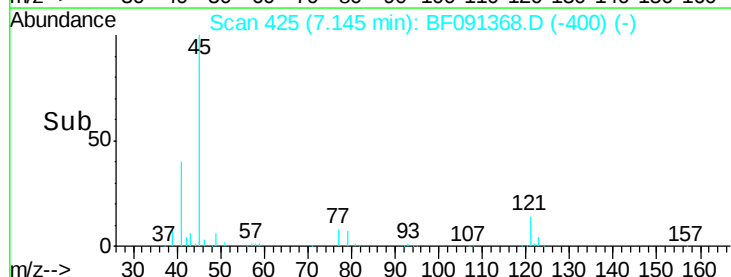
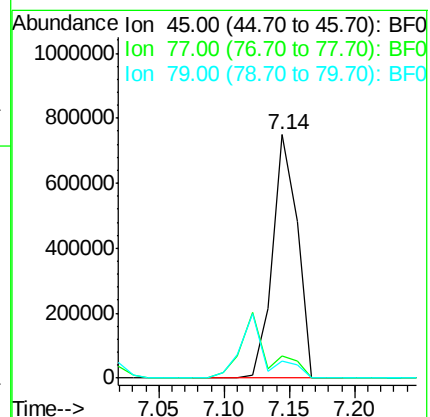
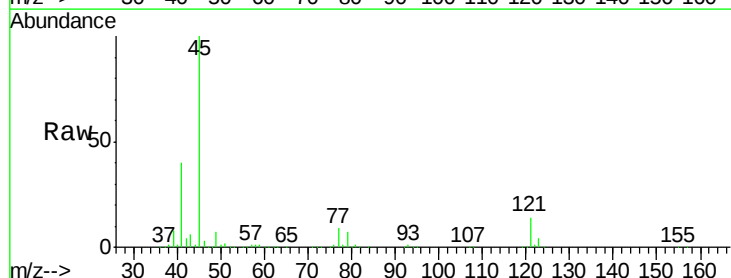
Tgt Ion: 45 Resp: 998333

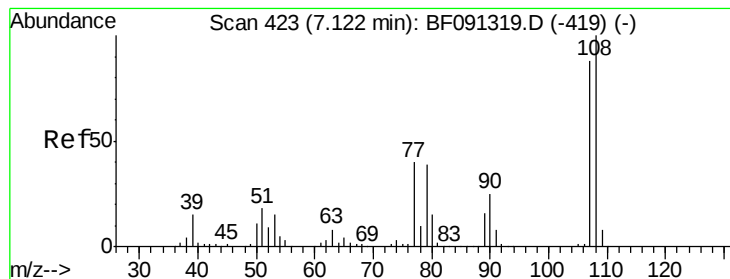
Ion Ratio Lower Upper

45 100

77 9.3 3.8 43.8

79 7.2 0.2 40.2





#17

2-Methylphenol

Concen: 39.69 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

Tgt Ion:107 Resp: 415287

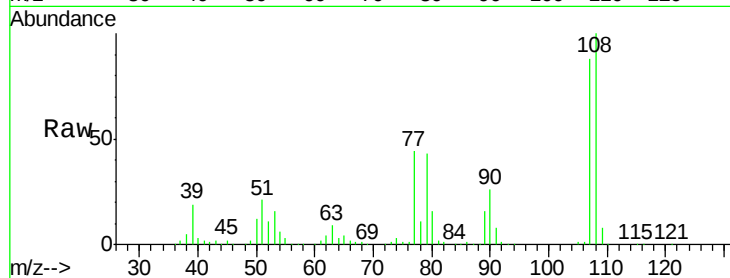
Ion Ratio Lower Upper

107 100

108 114.2 67.7 101.5#

77 50.1 40.7 61.1

79 48.9 23.4 35.2#

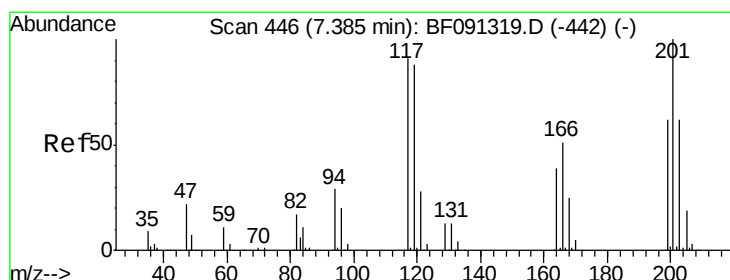
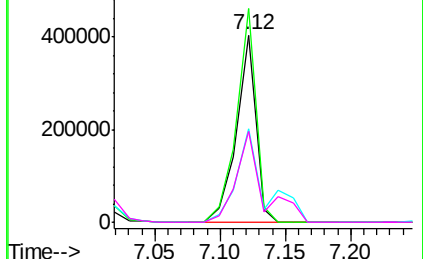
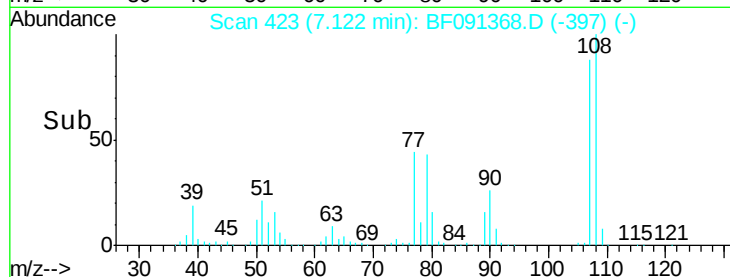


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.27 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

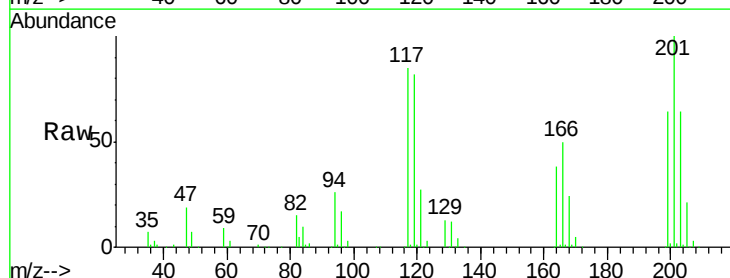
Tgt Ion:117 Resp: 199023

Ion Ratio Lower Upper

117 100

119 96.6 78.6 118.0

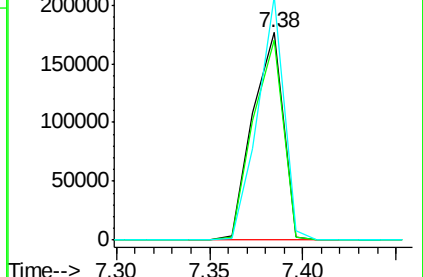
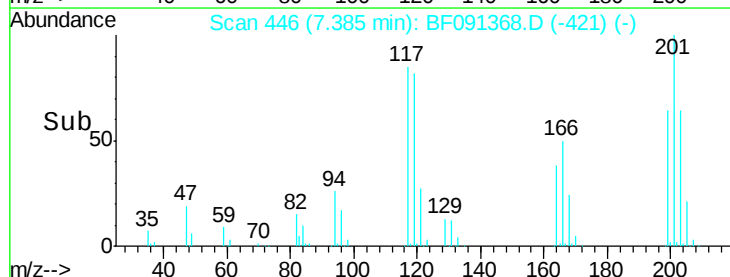
201 117.2 86.7 130.1

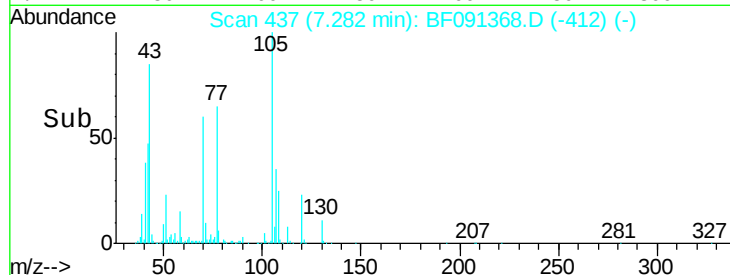
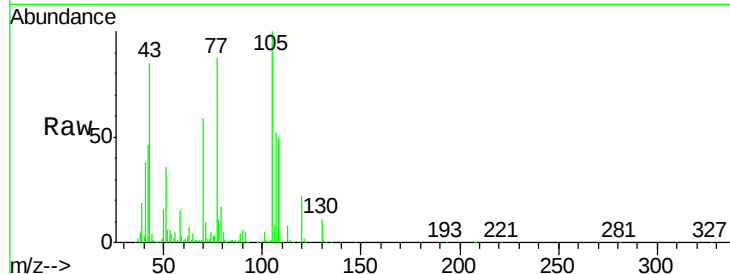
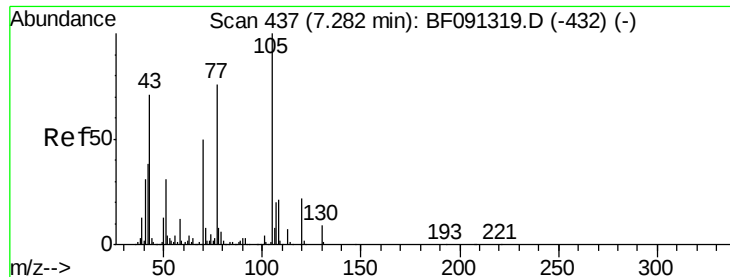


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

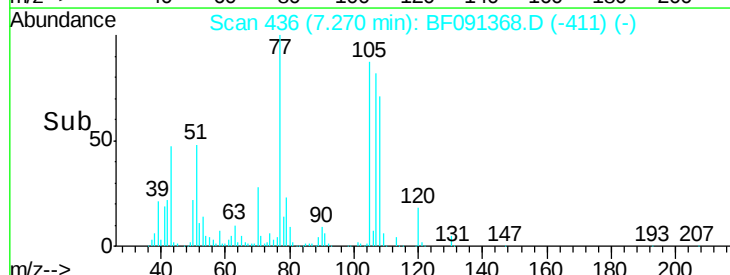
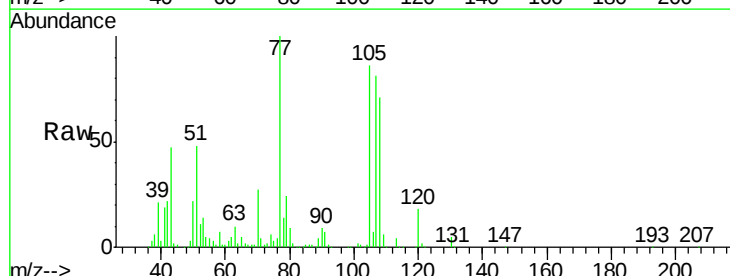
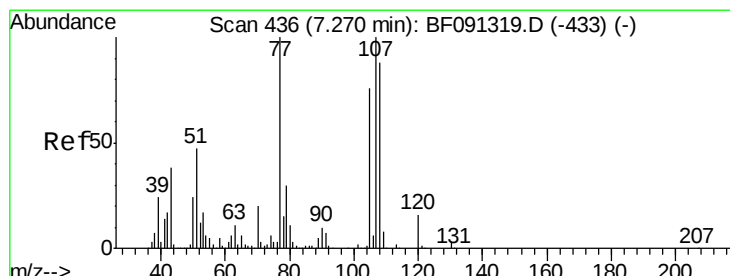
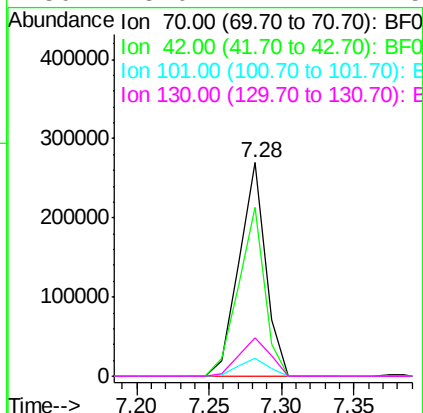




#19
n-Nitroso-di-n-propylamine
Concen: 36.82 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091368.D
Acq: 30 Nov 2016 21:38

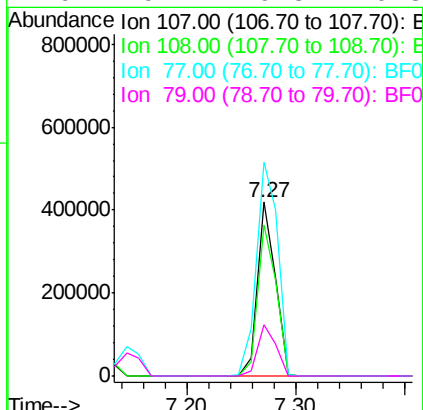
Instrument :
BNA_F
ClientSampleId :
PB94960BS

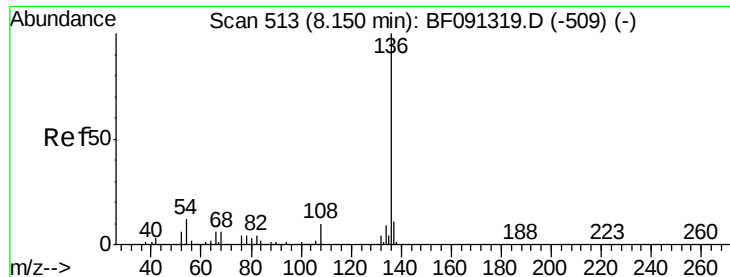
Tgt Ion:	70	Resp:	344730
Ion	Ratio	Lower	Upper
70	100		
42	79.0	64.8	97.2
101	8.7	6.2	9.4
130	18.0	11.7	17.5#



#20
3+4-Methylphenols
Concen: 38.08 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091368.D
Acq: 30 Nov 2016 21:38

Tgt Ion:	107	Resp:	486370
Ion	Ratio	Lower	Upper
107	100		
108	87.2	64.6	104.6
77	122.7	30.9	70.9#
79	29.7	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

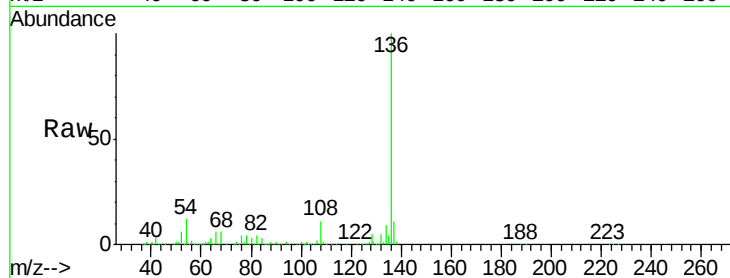
Instrument :

BNA_F

ClientSampleId :

PB94960BS

Tgt Ion:	136	Resp:	773978
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	11.9	9.1	13.7
68	5.7	5.9	8.9#



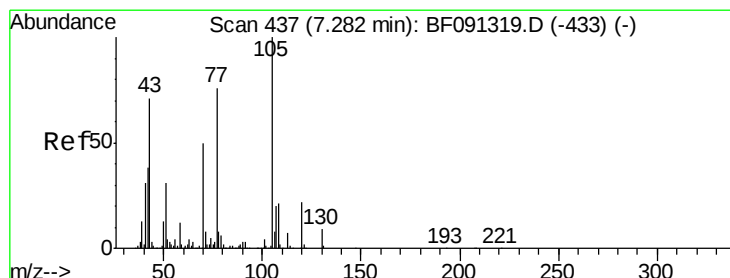
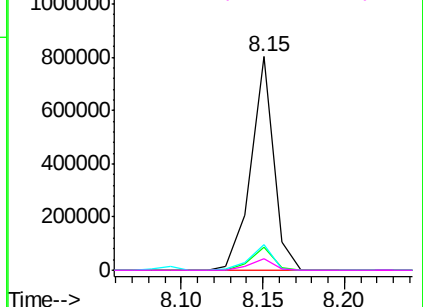
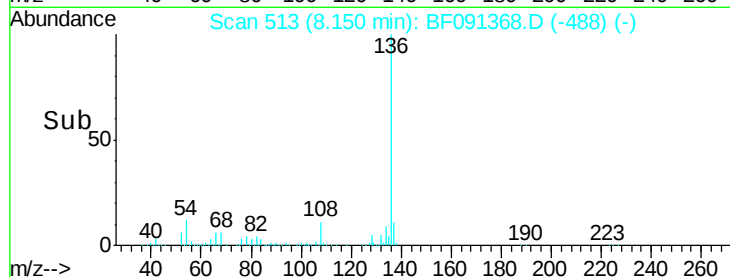
Abundance

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: 38.22 ng

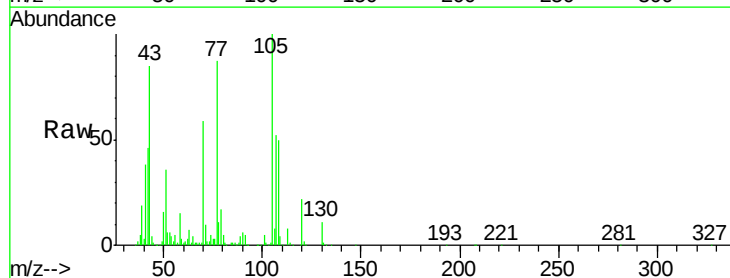
RT: 7.28 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Tgt Ion:	105	Resp:	701181
Ion Ratio	Lower	Upper	
105	100		
71	9.8	7.9	11.9
51	36.1	24.5	36.7
120	22.4	16.6	24.8



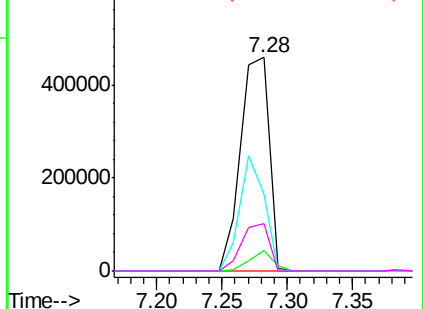
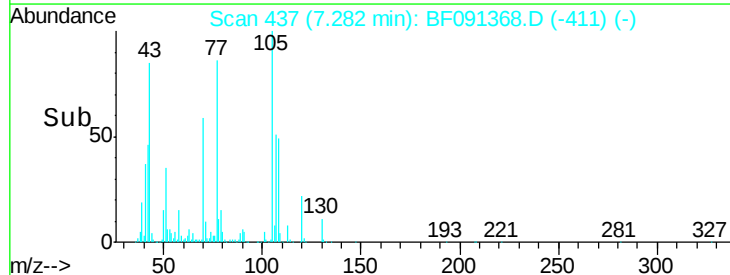
Abundance

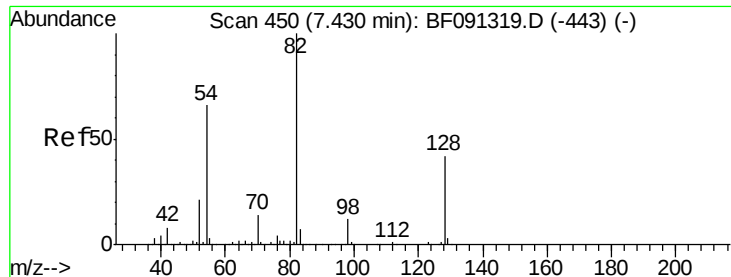
Ion 105.00 (104.70 to 105.70): E

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: 79.12 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

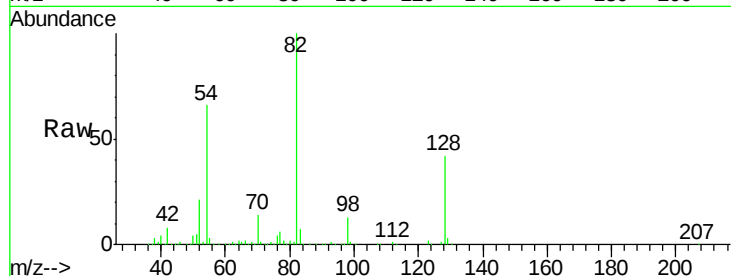
Tgt Ion: 82 Resp: 1092701

Ion Ratio Lower Upper

82 100

128 41.9 31.8 47.6

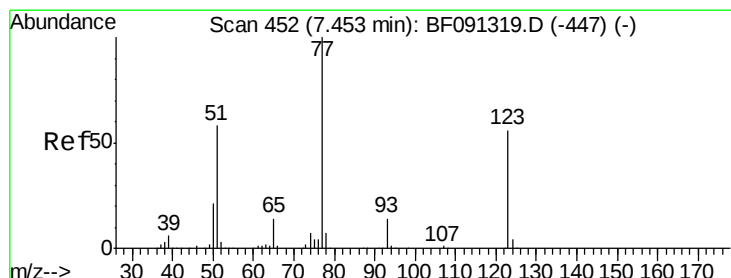
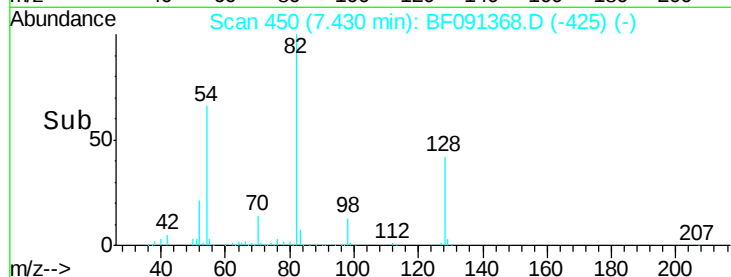
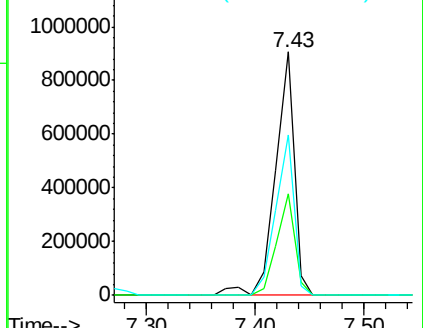
54 66.1 49.1 73.7



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: 39.63 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

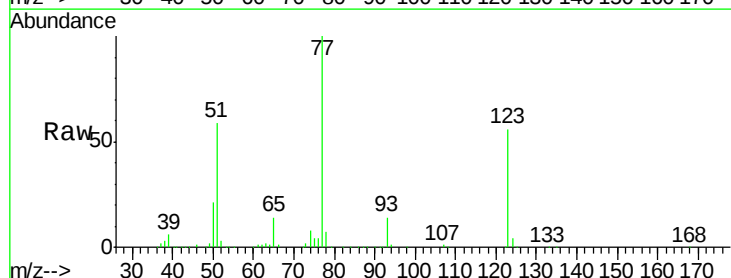
Tgt Ion: 77 Resp: 560357

Ion Ratio Lower Upper

77 100

123 55.8 28.5 42.7#

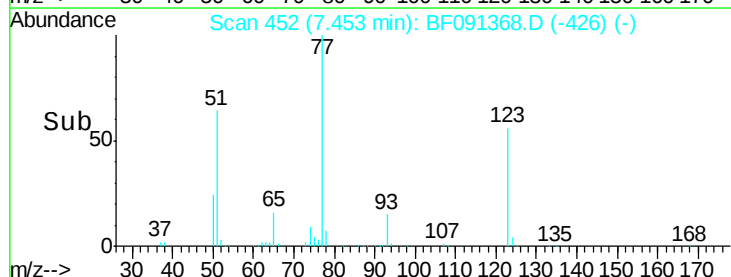
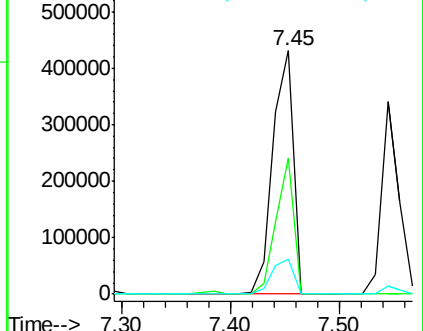
65 14.5 12.5 18.7



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: 40.90 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

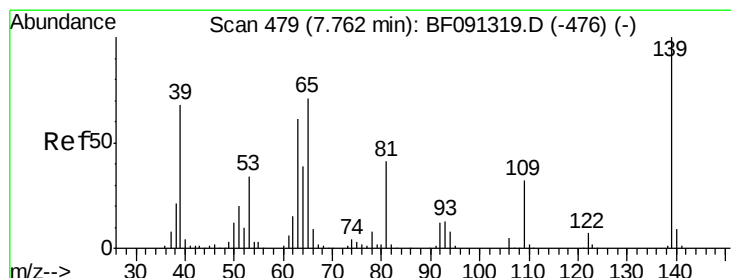
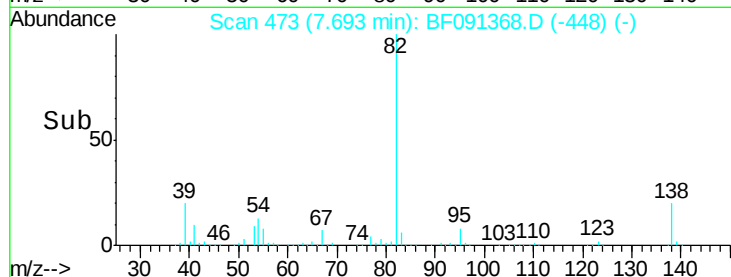
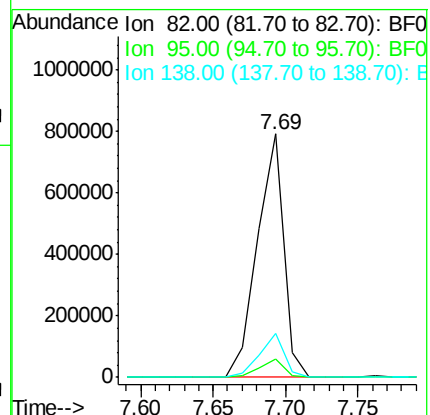
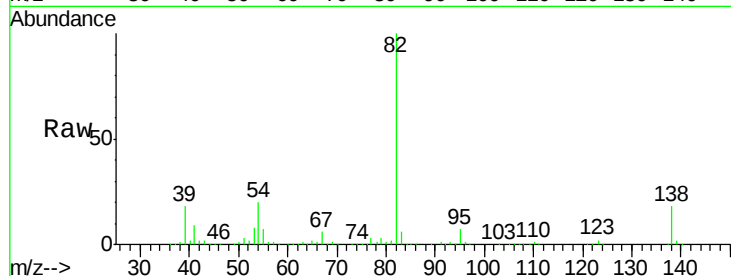
Tgt Ion: 82 Resp: 1000627

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 17.9 13.4 20.0



#26

2-Nitrophenol

Concen: 37.05 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

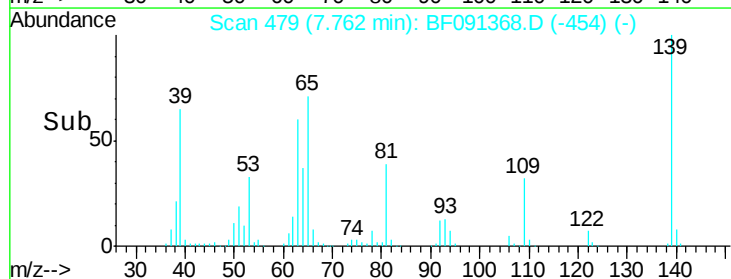
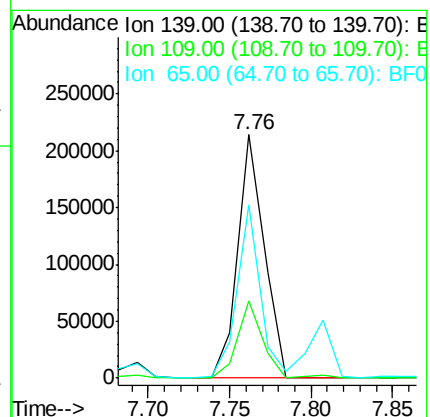
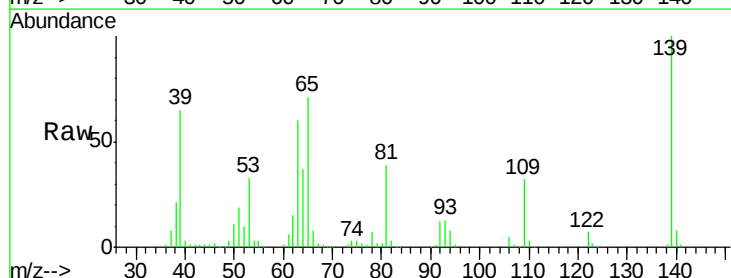
Tgt Ion: 139 Resp: 238752

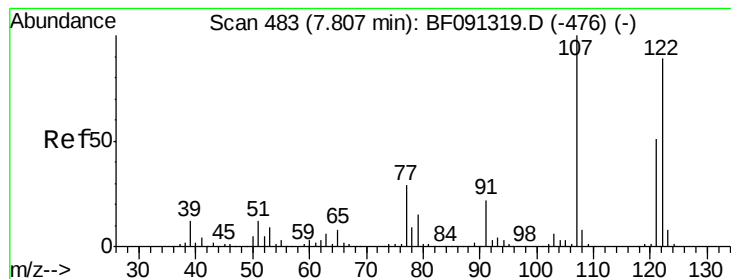
Ion Ratio Lower Upper

139 100

109 31.9 25.3 37.9

65 71.2 55.4 83.2

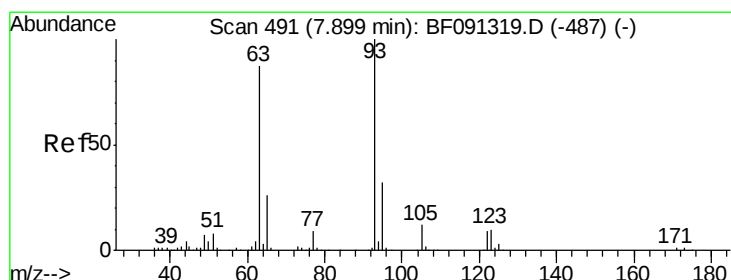
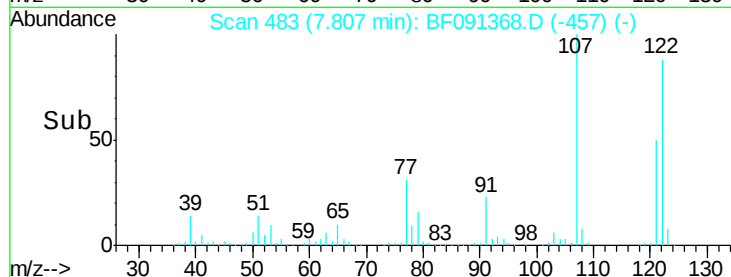
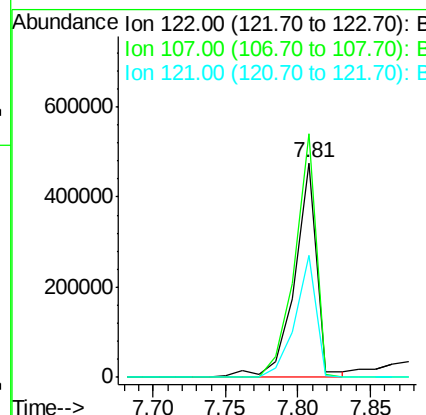
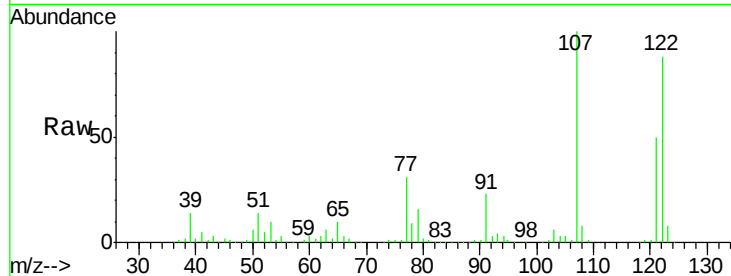




#27
 2,4-Dimethylphenol
 Concen: 41.56 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

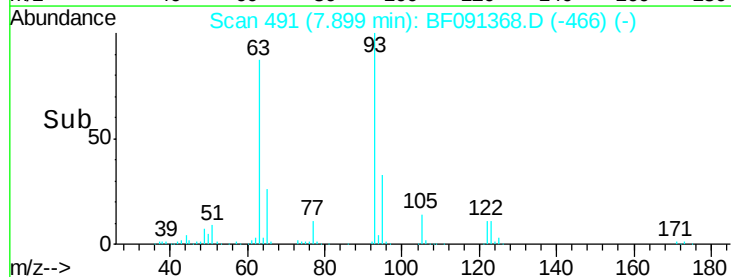
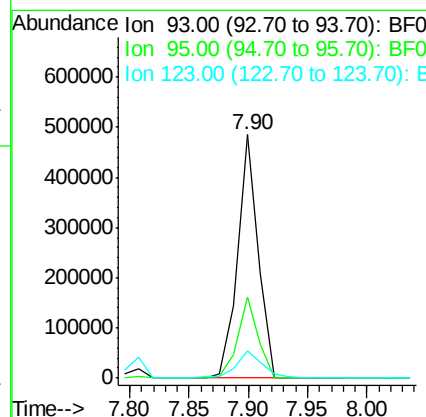
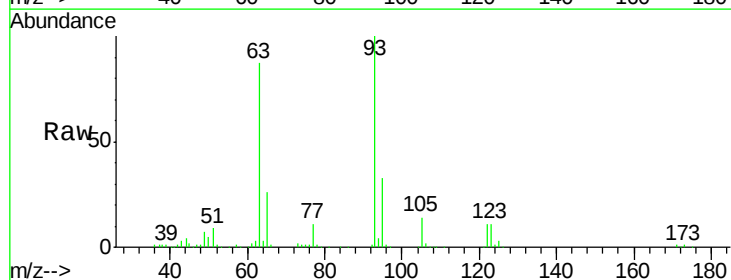
Instrument :
 BNA_F
 ClientSampleId :
 PB94960BS

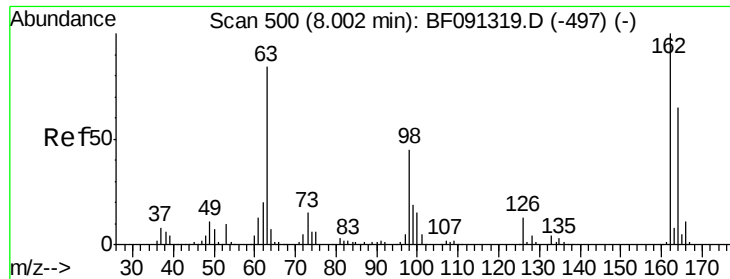
Tgt Ion: 122 Resp: 501009
 Ion Ratio Lower Upper
 122 100
 107 113.5 96.8 145.2
 121 57.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.31 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

Tgt Ion: 93 Resp: 578951
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.1 8.6 12.8

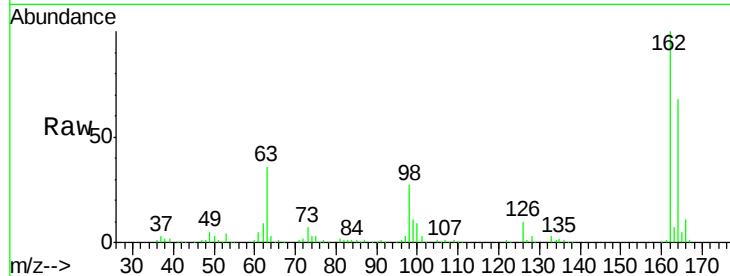




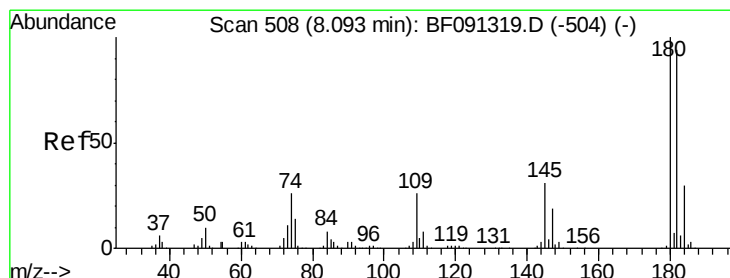
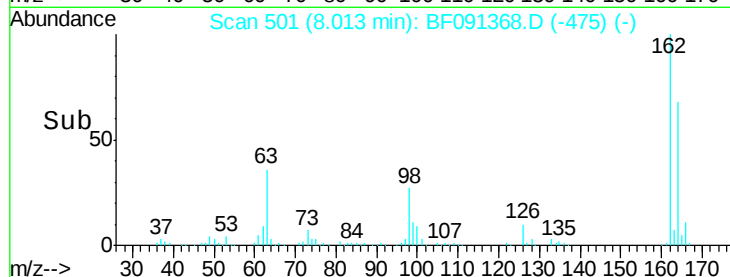
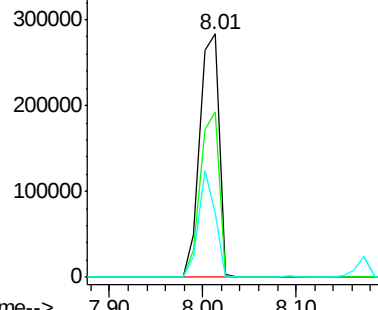
#29
 2,4-Dichlorophenol
 Concen: 39.05 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94960BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.0	45.0	85.0
98	26.6	21.3	61.3

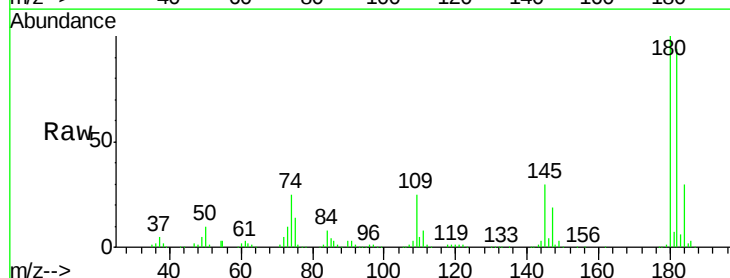


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

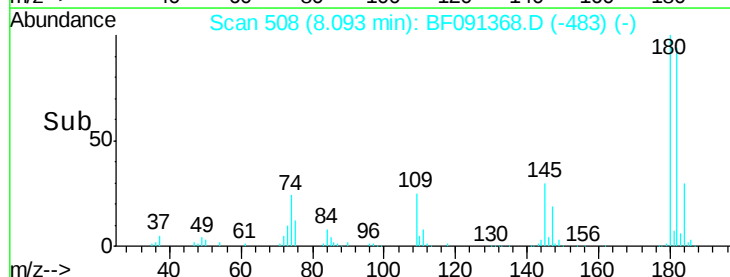
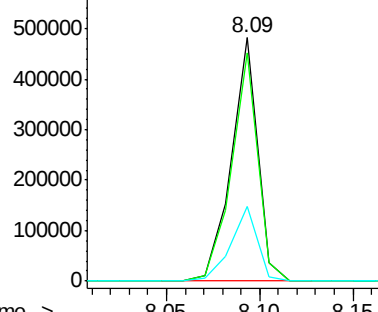


#30
 1,2,4-Trichlorobenzene
 Concen: 39.42 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091368.D
 Acq: 30 Nov 2016 21:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.8
145	30.5	27.0	40.4



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: 39.19 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

Instrument :

BNA_F

ClientSampleId :

PB94960BS

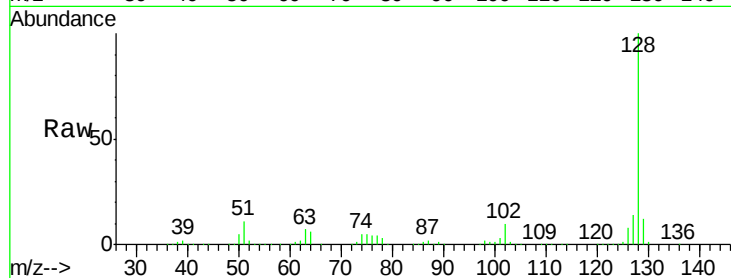
Tgt Ion:128 Resp: 1441494

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

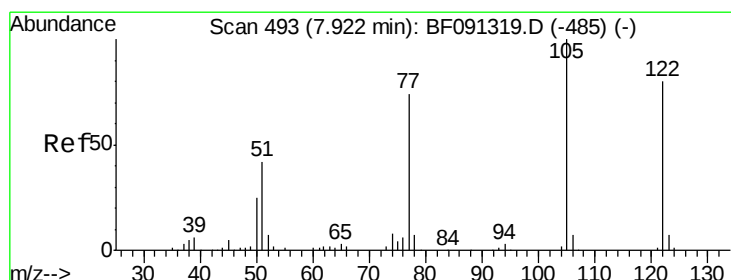
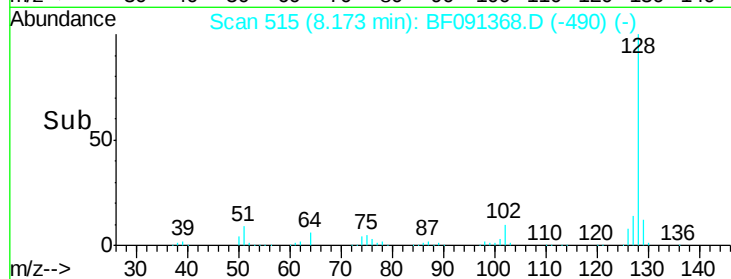
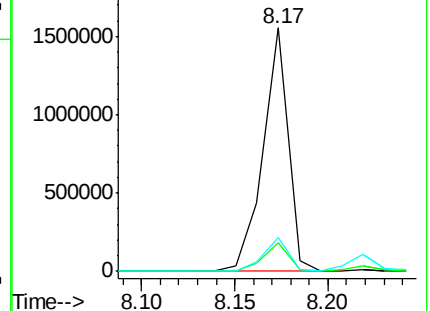
127 13.6 11.0 16.4



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: 32.45 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091368.D

Acq: 30 Nov 2016 21:38

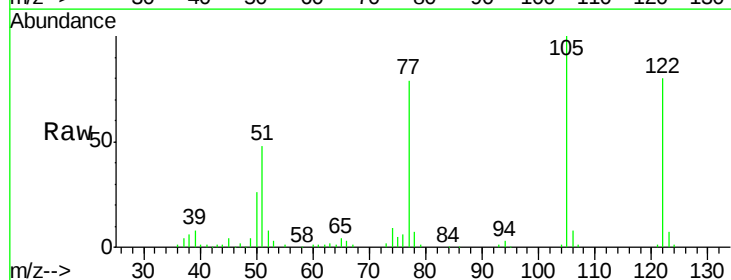
Tgt Ion:122 Resp: 288381

Ion Ratio Lower Upper

122 100

105 124.6 113.0 153.0

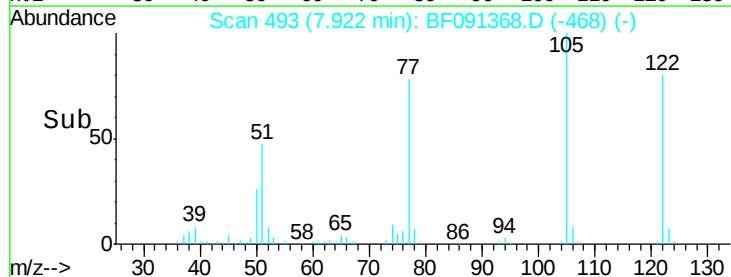
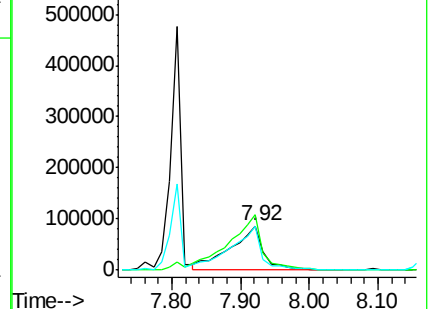
77 98.3 82.0 122.0



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

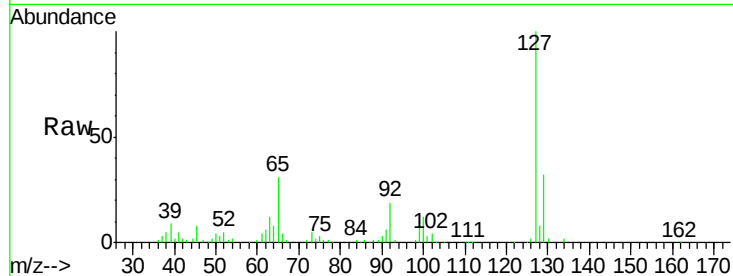




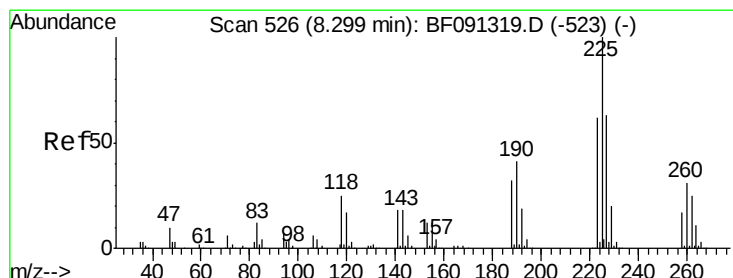
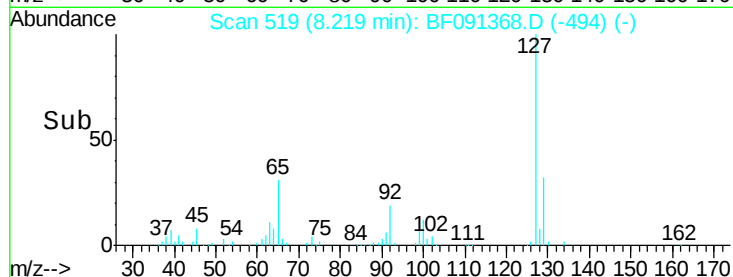
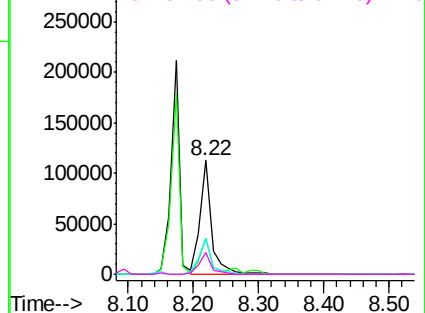
#33
4-Chloroaniline
Concen: 8.79 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091368.D
Acq: 30 Nov 2016 21:38

Instrument :
BNA_F
ClientSampleId :
PB94960BS

Tgt Ion:	127	Resp:	138143
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	31.4	26.6	39.8
92	19.4	15.4	23.0

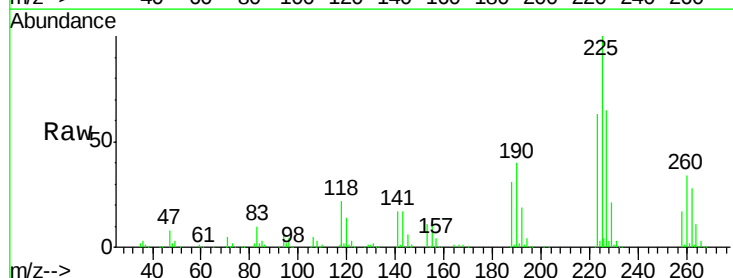


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091368.D
Acq: 30 Nov 2016 21:38

Tgt Ion:	225	Resp:	285743
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	64.7	52.6	79.0



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

