

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091169.D
 Acq On : 15 Nov 2016 10:18
 Operator : UM/SJ
 Sample : PB94688BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Quant Time: Nov 16 00:16:05 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	6.64	152	170821	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	720523	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	411720	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	634837	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	511558	20.00	ng	-0.03
86) Perylene-d12	15.15	264	476119	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1255080	121.35	ng	-0.01
7) Phenol-d6	6.29	99	1571566	111.94	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1069310	80.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	454383	122.07	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1836947	76.81	ng	-0.03
78) Terphenyl-d14	12.74	244	2007909	97.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	186176	31.47	ng	# 96
3) Pyridine	2.83	79	519864	37.56	ng	94
4) n-Nitrosodimethylamine	2.78	42	203932	37.25	ng	90
6) Aniline	6.30	93	323728	19.55	ng	# 8
8) 2-Chlorophenol	6.42	128	502912	40.76	ng	97
9) Benzaldehyde	6.20	77	36600	4.70	ng	95
10) Phenol	6.30	94	546245	35.16	ng	# 75
11) bis(2-Chloroethyl)ether	6.38	93	518521	39.61	ng	85
12) 1,3-Dichlorobenzene	6.81	146	492560	39.47	ng	99
13) 1,4-Dichlorobenzene	6.81	146	499388	37.30	ng	98
14) 1,2-Dichlorobenzene	6.81	146	509558	41.47	ng	97
15) Benzyl Alcohol	6.80	79	407057	41.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	637087	33.98	ng	# 42
17) 2-Methylphenol	6.92	107	397887	40.74	ng	93
18) Hexachloroethane	7.14	117	199036	38.41	ng	# 85
19) n-Nitroso-di-n-propylamine	7.06	70	384179	39.49	ng	98
20) 3+4-Methylphenols	7.07	107	533190	45.47	ng	90
22) Acetophenone	7.06	105	704126	42.44	ng	# 94
24) Nitrobenzene	7.23	77	574021	39.35	ng	95
25) Isophorone	7.47	82	1038347	40.80	ng	98
26) 2-Nitrophenol	7.55	139	263446	42.68	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	452085	44.28	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	645872	46.45	ng	99
29) 2,4-Dichlorophenol	7.79	162	390457	43.82	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	443480	44.27	ng	99
31) Naphthalene	7.94	128	1422589	41.28	ng	99
32) Benzoic acid	7.76	122	223179	30.13	ng	99
33) 4-Chloroaniline	8.01	127	172378	12.03	ng	# 95
34) Hexachlorobutadiene	8.06	225	239953	44.38	ng	98
35) Caprolactam	8.43	113	47402	16.93	ng	94
36) 4-Chloro-3-methylphenol	8.51	107	487801	45.22	ng	96
37) 2-Methylnaphthalene	8.64	142	953899	43.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	450982	42.96	ng	99
40) Hexachlorocyclopentadiene	8.80	237	371804	90.35	ng	99

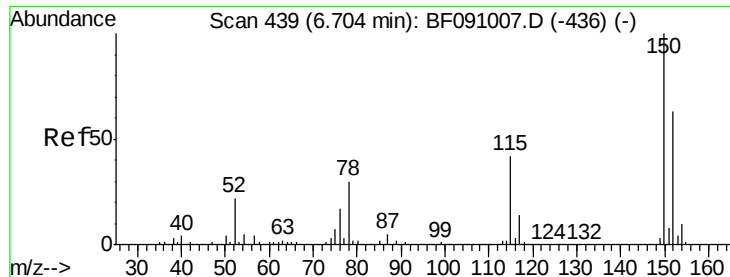
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	270484	39.92	ng	100
43) 2,4,5-Trichlorophenol	8.98	196	287703	40.44	ng	95
45) 1,1'-Biphenyl	9.10	154	1197407	39.83	ng	98
46) 2-Chloronaphthalene	9.13	162	969888	42.49	ng	97
47) 2-Nitroaniline	9.23	65	316566	37.37	ng	95
48) Acenaphthylene	9.54	152	1432521	40.27	ng	100
49) Dimethylphthalate	9.41	163	1062961	39.37	ng	100
50) 2,6-Dinitrotoluene	9.48	165	233602	40.37	ng	# 48
51) Acenaphthene	9.71	154	900314	40.32	ng	99
52) 3-Nitroaniline	9.64	138	116108	16.92	ng	100
53) 2,4-Dinitrophenol	9.76	184	213792	68.79	ng	# 71
54) Dibenzofuran	9.88	168	1255754	41.77	ng	96
55) 4-Nitrophenol	9.84	139	325415	71.85	ng	# 73
56) 2,4-Dinitrotoluene	9.88	165	317142	43.08	ng	# 83
57) Fluorene	10.22	166	1062786	43.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	262138	47.03	ng	98
59) Diethylphthalate	10.11	149	1085801	39.23	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	452144	40.43	ng	# 80
61) 4-Nitroaniline	10.26	138	250465	36.09	ng	95
62) Azobenzene	10.37	77	1217908	37.38	ng	88
64) 4,6-Dinitro-2-methylphenol	10.29	198	177940	45.77	ng	80
65) n-Nitrosodiphenylamine	10.34	169	861108	42.68	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	314239	47.59	ng	# 77
67) Hexachlorobenzene	10.77	284	326989	44.90	ng	# 76
68) Atrazine	10.88	200	310211	53.29	ng	99
69) Pentachlorophenol	10.97	266	287214	89.04	ng	98
70) Phenanthrene	11.17	178	1329059	39.38	ng	99
71) Anthracene	11.23	178	1508044	42.03	ng	99
72) Carbazole	11.39	167	1338375	41.39	ng	98
73) Di-n-butylphthalate	11.72	149	1546567	38.03	ng	98
74) Fluoranthene	12.36	202	1568770	44.82	ng	91
76) Benzidine	12.49	184	520118	45.51	ng	98
77) Pyrene	12.59	202	1509538	45.06	ng	97
79) Butylbenzylphthalate	13.22	149	733661	45.78	ng	# 72
80) Benzo(a)anthracene	13.77	228	1290783	44.44	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	189375	18.56	ng	# 96
82) Chrysene	13.81	228	1367367	47.74	ng	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	928801	42.83	ng	# 93
84) Di-n-octyl phthalate	14.39	149	1651854	46.33	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1150885	48.43	ng	97
87) Benzo(b)fluoranthene	14.77	252	2546843	78.87	ng	98
88) Benzo(k)fluoranthene	14.77	252	2548568	89.97	ng	97
89) Benzo(a)pyrene	15.09	252	1136902	40.44	ng	# 98
90) Dibenzo(a,h)anthracene	16.43	278	982370	40.42	ng	99
91) Benzo(g,h,i)perylene	16.80	276	893296	40.65	ng	98

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

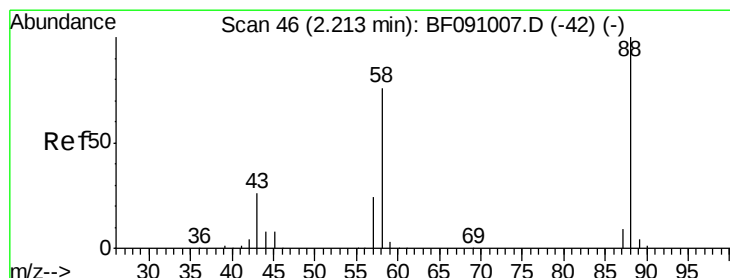
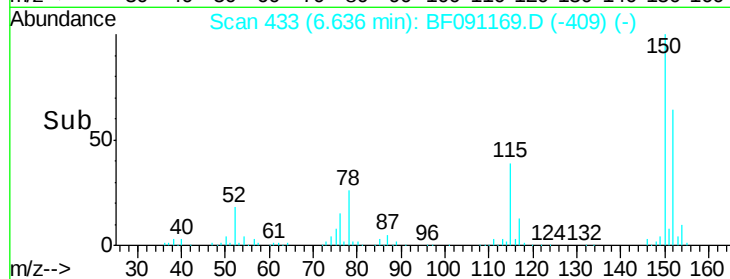
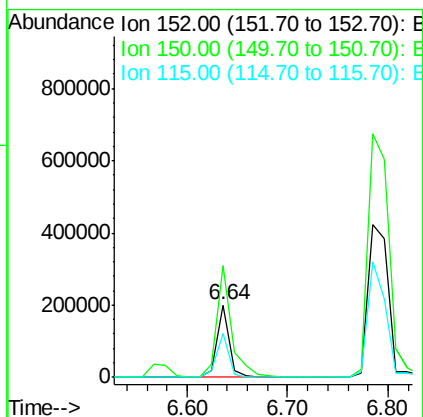
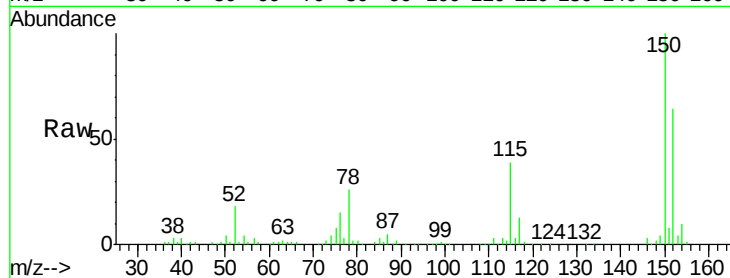


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Instrument :
BNA_F
ClientSampleId :
PB94688BS

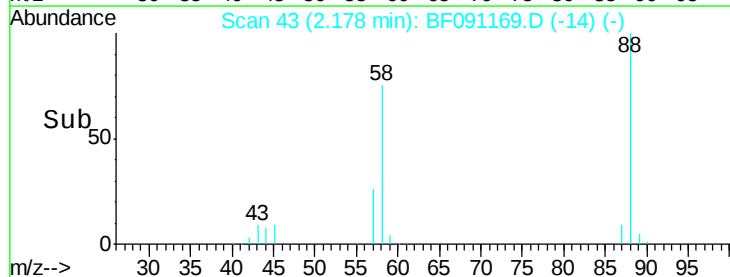
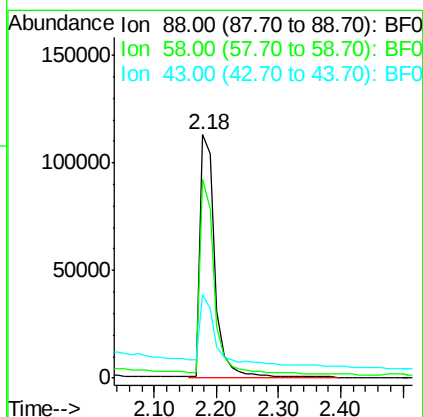
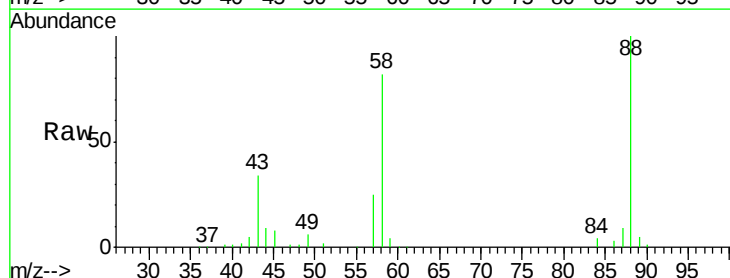
Tgt Ion:152 Resp: 170821
Ion Ratio Lower Upper
152 100
150 155.1 126.8 190.2
115 60.5 53.3 79.9

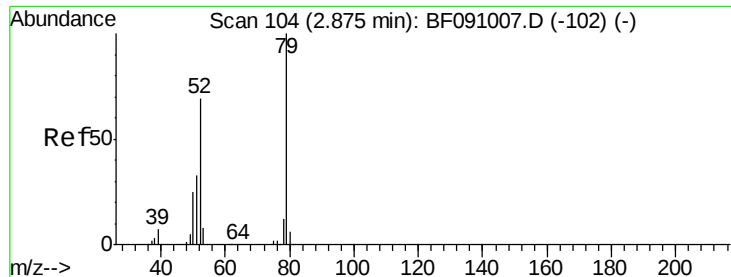


#2

1,4-Dioxane
Concen: 31.47 ng
RT: 2.18 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion: 88 Resp: 186176
Ion Ratio Lower Upper
88 100
58 78.3 63.8 95.6
43 34.5 22.6 33.8#





#3

Pyridine

Concen: 37.56 ng

RT: 2.83 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

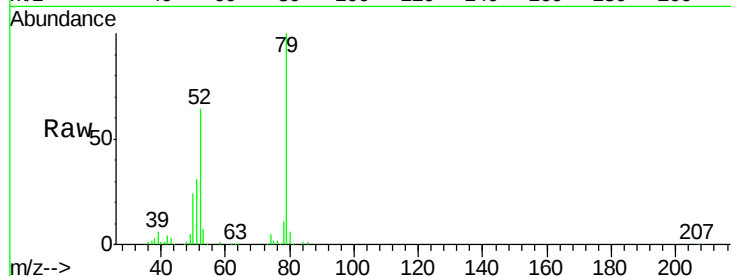
Tgt Ion: 79 Resp: 519864

Ion Ratio Lower Upper

79 100

52 64.1 55.4 83.0

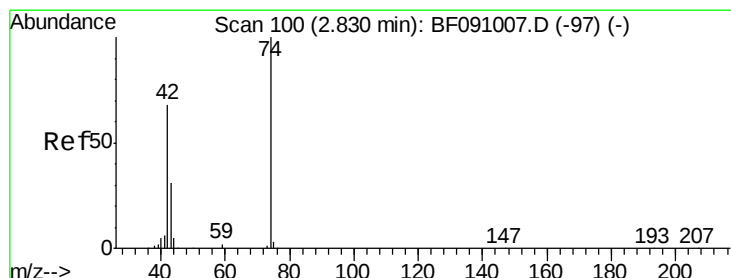
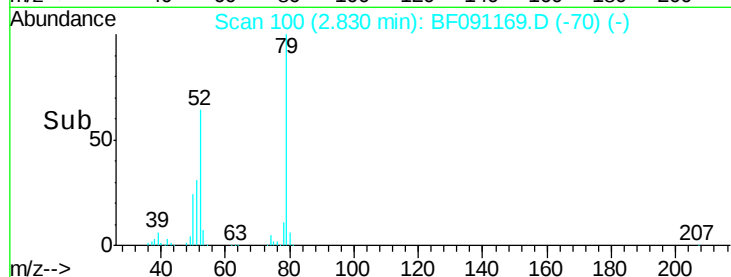
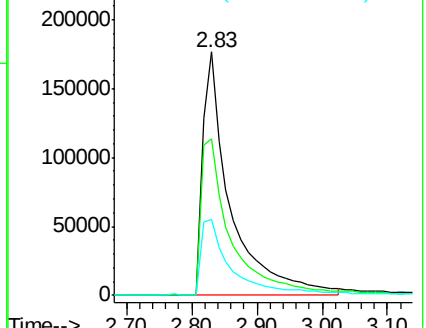
51 31.3 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.25 ng

RT: 2.78 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

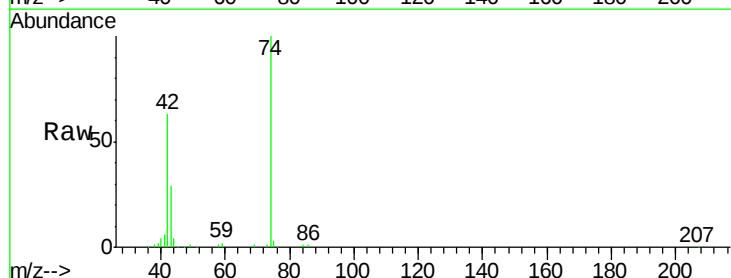
Tgt Ion: 42 Resp: 203932

Ion Ratio Lower Upper

42 100

74 159.8 117.3 175.9

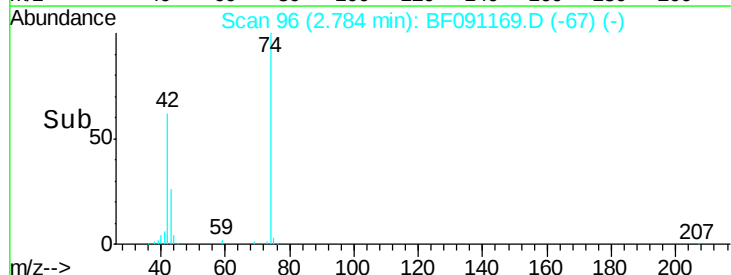
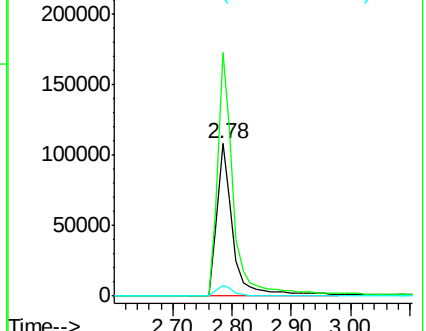
44 7.0 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.35 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

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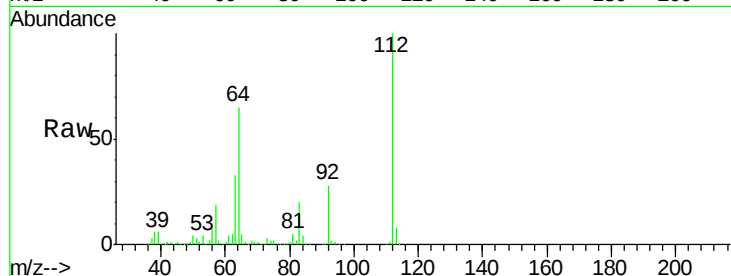
Tgt Ion: 112 Resp: 1255080

Ion Ratio Lower Upper

112 100

64 64.7 55.8 83.6

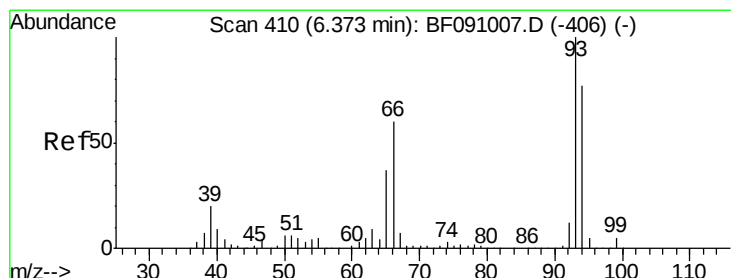
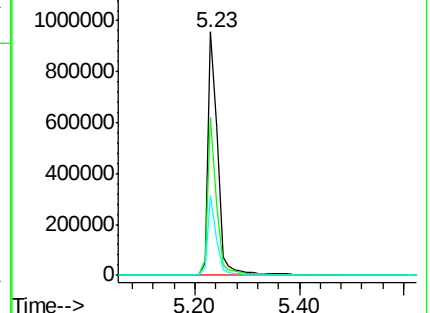
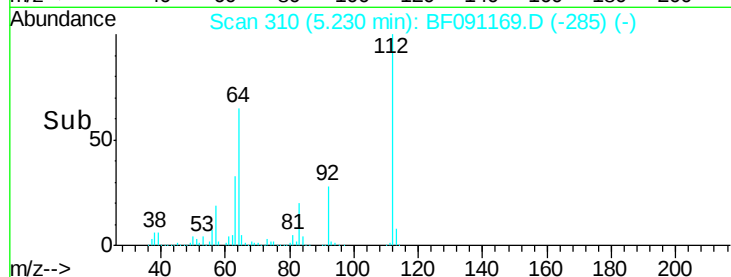
63 32.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.55 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

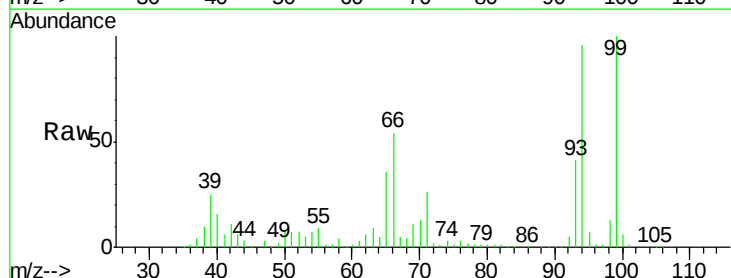
Tgt Ion: 93 Resp: 323728

Ion Ratio Lower Upper

93 100

66 131.8 48.2 72.2#

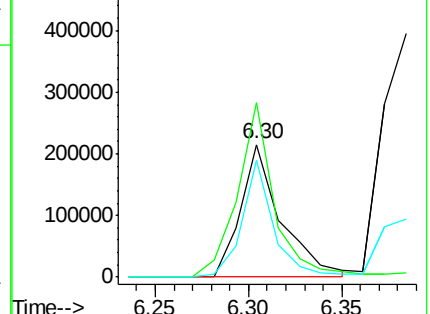
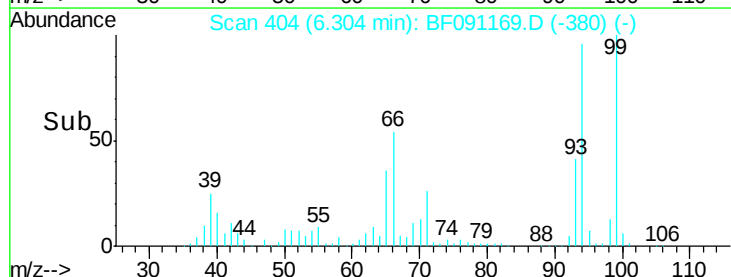
65 88.7 29.4 44.0#

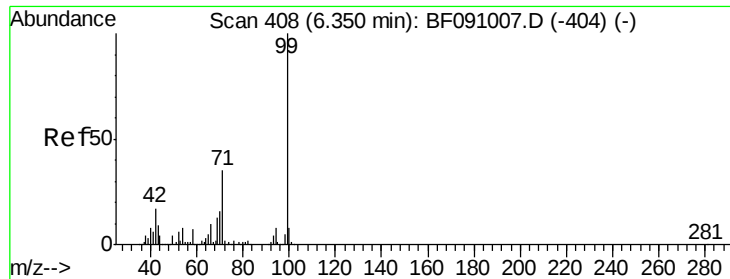


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

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ClientSampled :

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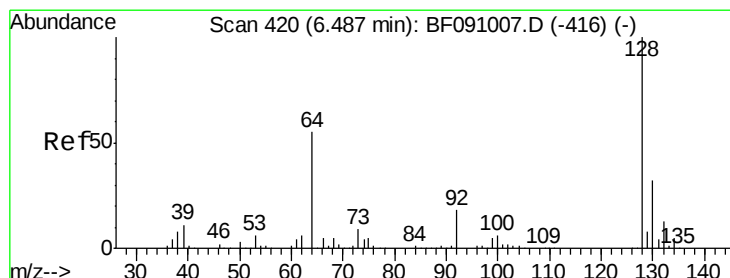
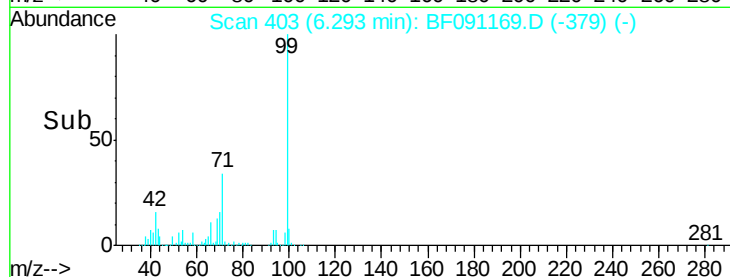
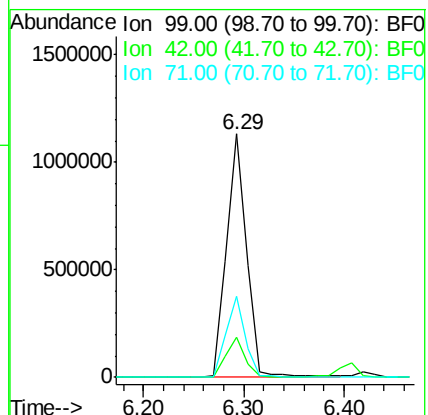
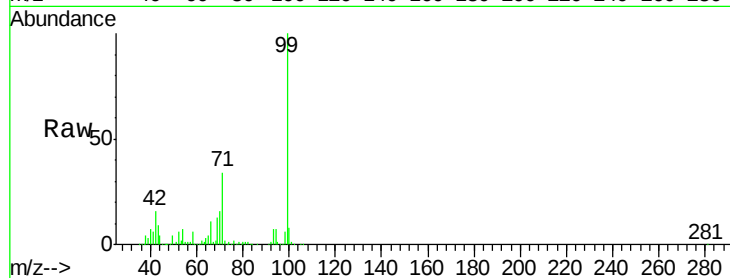
Tgt Ion: 99 Resp: 1571566

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

71 33.5 27.8 41.8



#8

2-Chlorophenol

Concen: 40.76 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

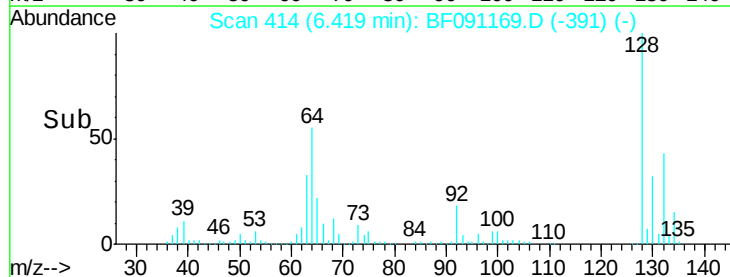
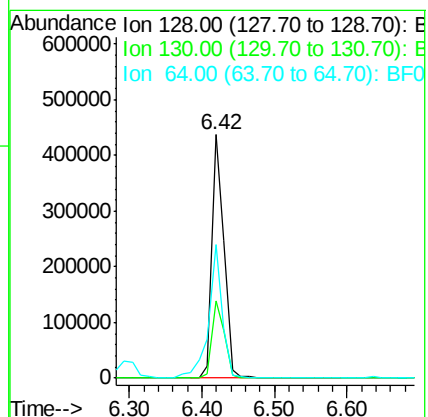
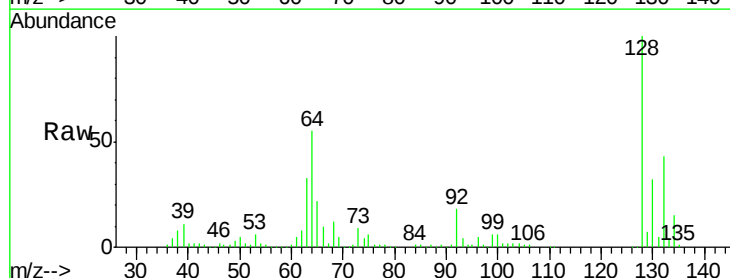
Tgt Ion: 128 Resp: 502912

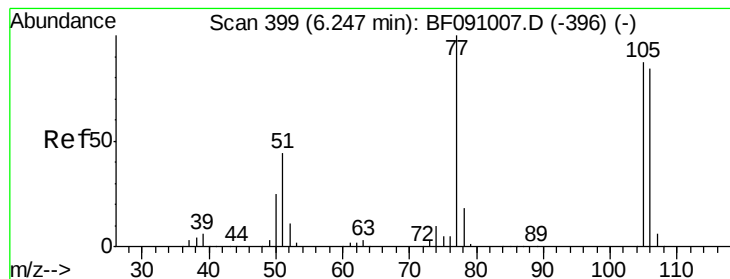
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 54.6 37.2 77.2





#9

Benzaldehyde

Concen: 4.70 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

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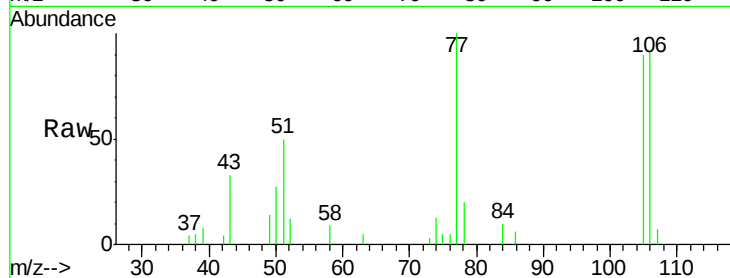
Tgt Ion: 77 Resp: 36600

Ion Ratio Lower Upper

77 100

105 90.1 66.8 106.8

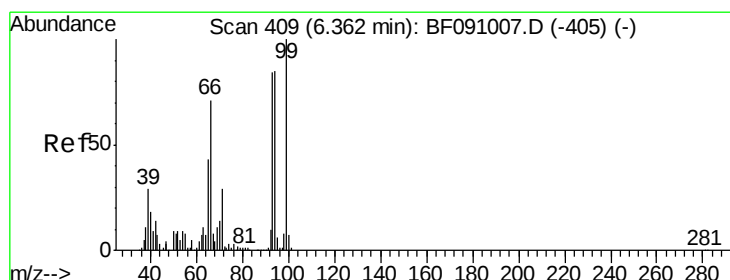
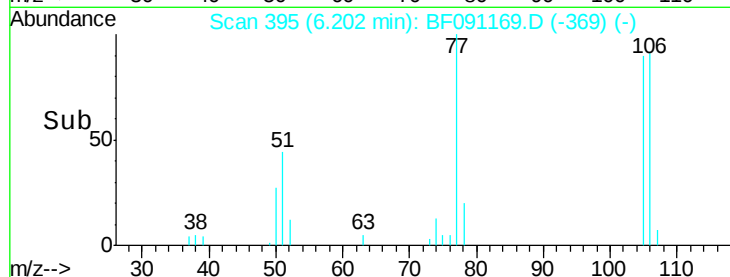
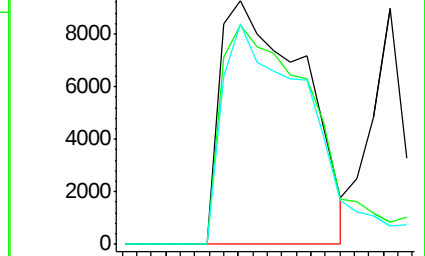
106 90.5 64.0 104.0



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: 35.16 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

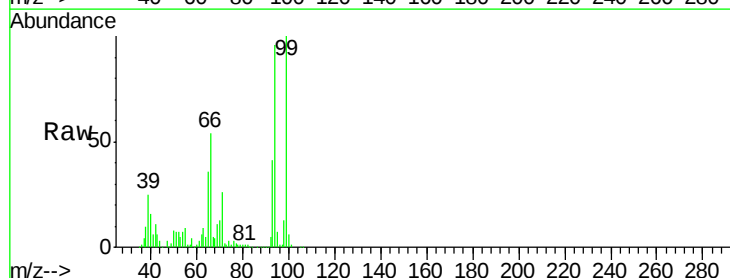
Tgt Ion: 94 Resp: 546245

Ion Ratio Lower Upper

94 100

65 38.1 30.4 70.4

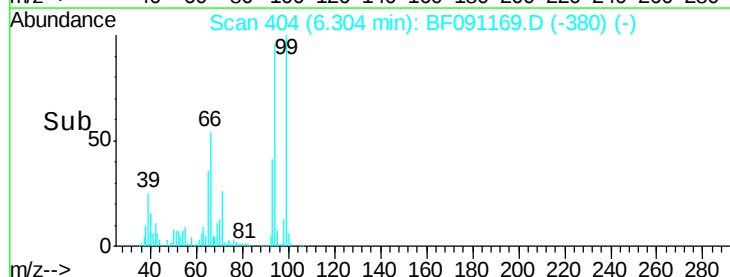
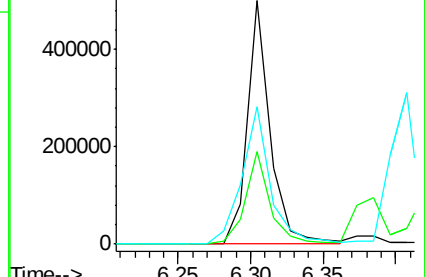
66 56.6 62.9 102.9#



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

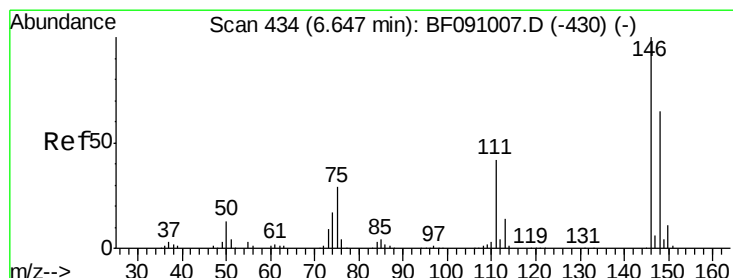
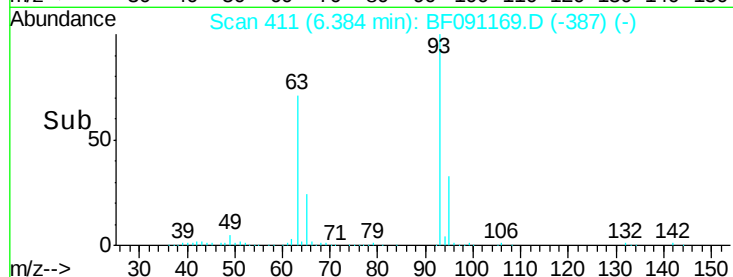
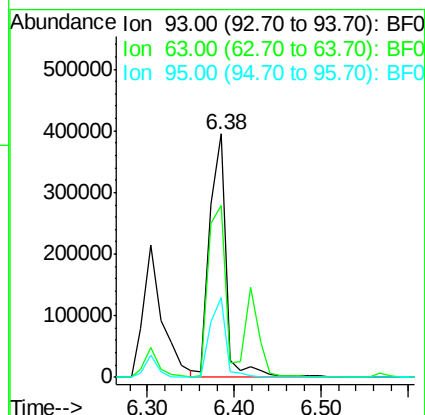
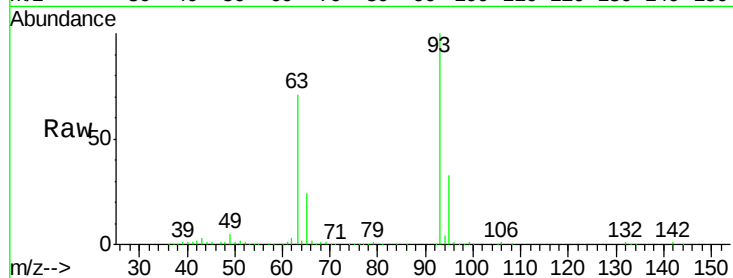




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

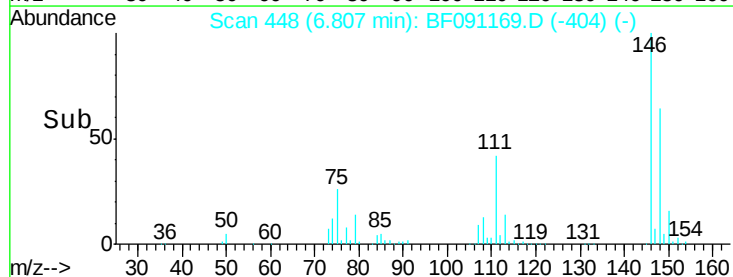
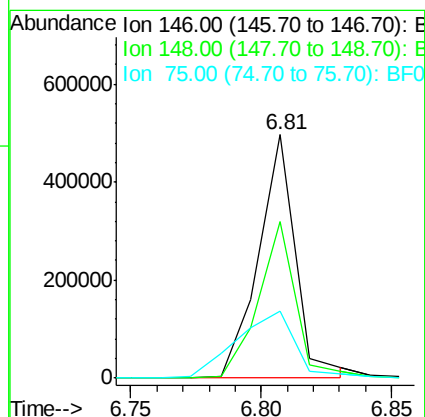
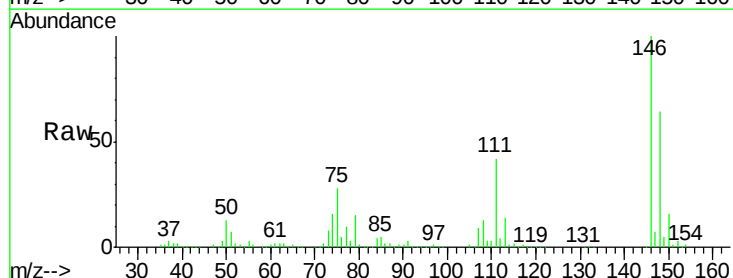
Instrument :
BNA_F
ClientSampleId :
PB94688BS

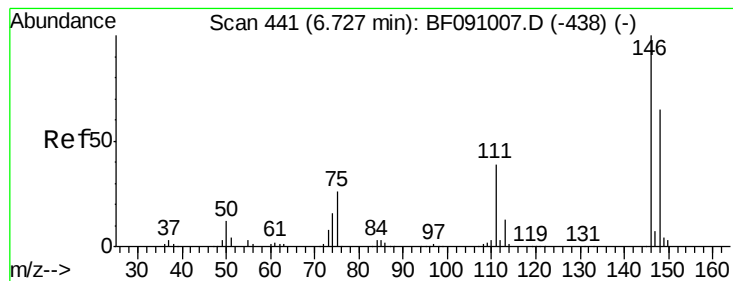
Tgt Ion: 93 Resp: 518521
Ion Ratio Lower Upper
93 100
63 70.6 68.9 108.9
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.47 ng
RT: 6.81 min Scan# 448
Delta R.T. 0.21 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion: 146 Resp: 492560
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
75 27.6 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 37.30 ng

RT: 6.81 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

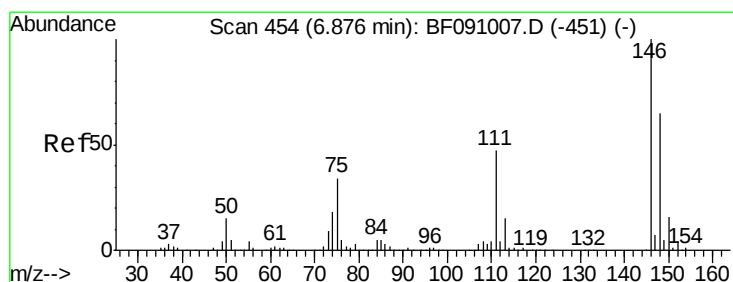
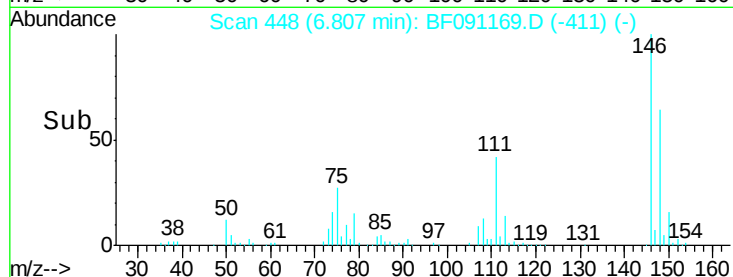
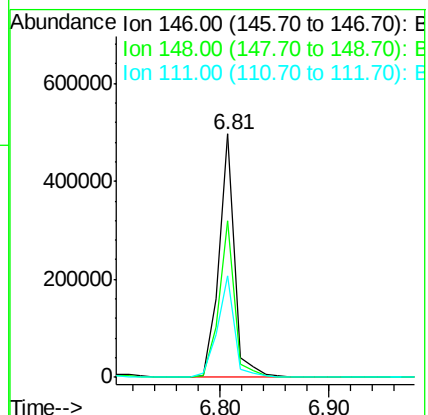
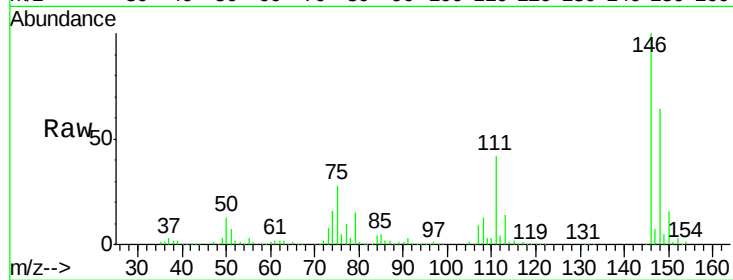
Tgt Ion:146 Resp: 499388

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

111 41.9 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 41.47 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

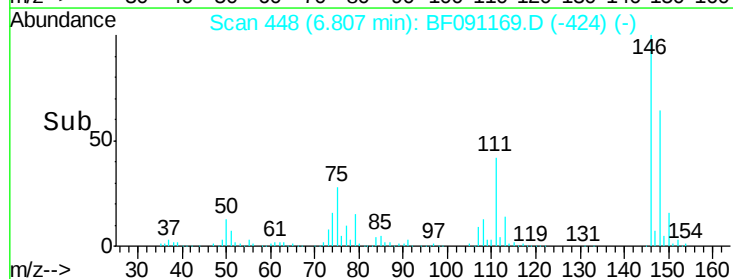
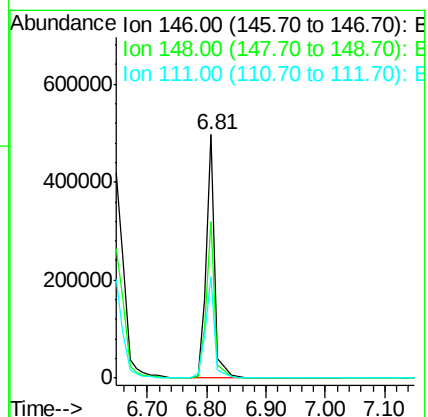
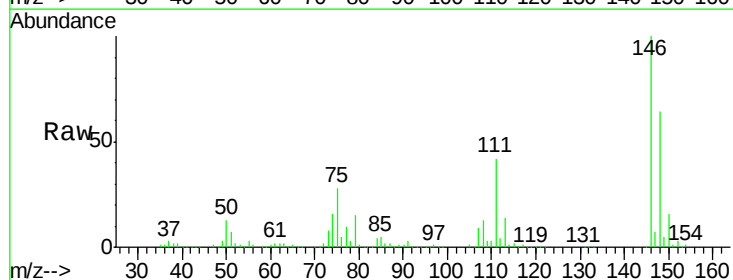
Tgt Ion:146 Resp: 509558

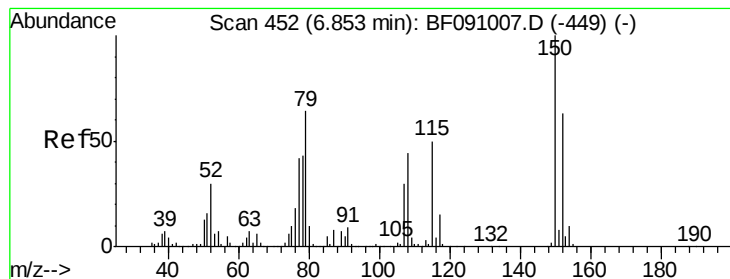
Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

111 41.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.11 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

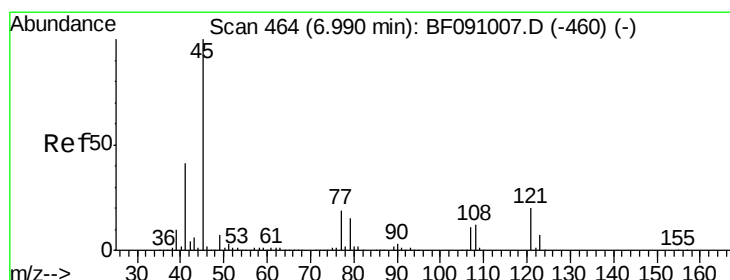
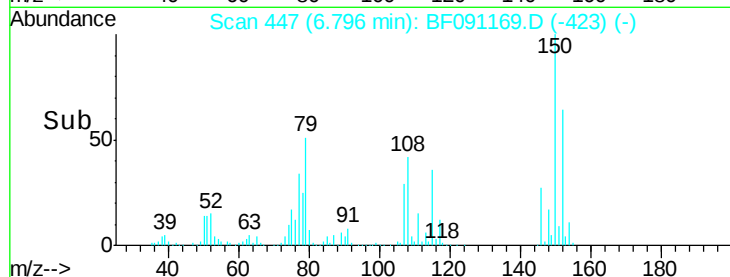
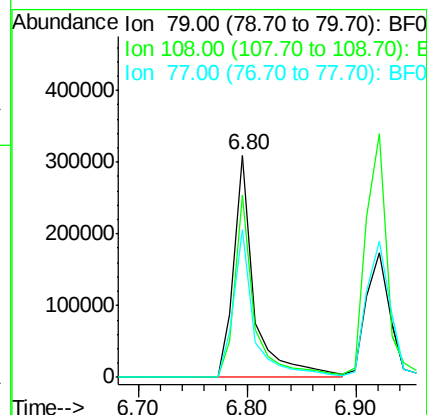
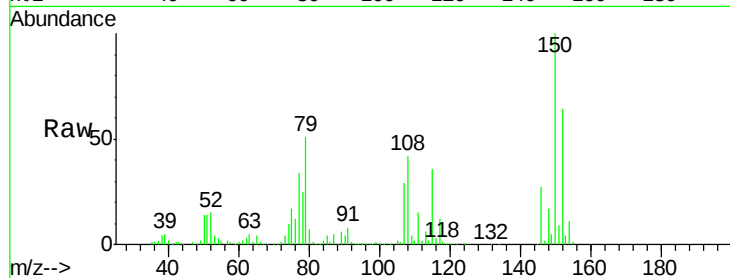
Tgt Ion: 79 Resp: 407057

Ion Ratio Lower Upper

79 100

108 81.7 55.7 83.5

77 66.6 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.98 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

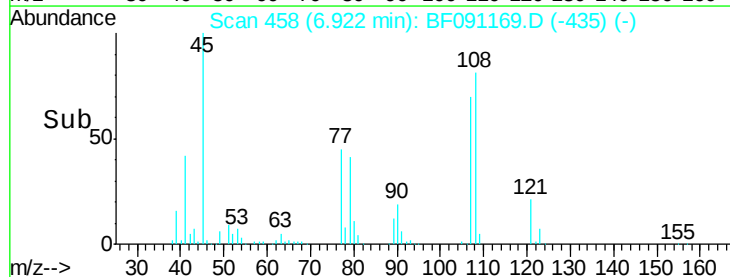
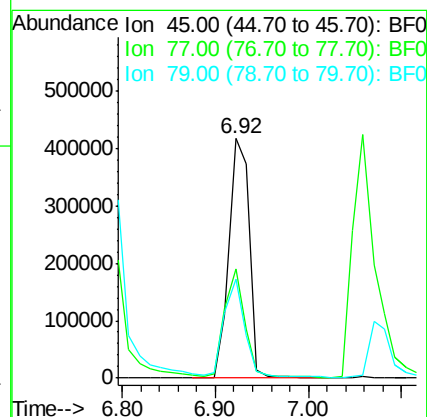
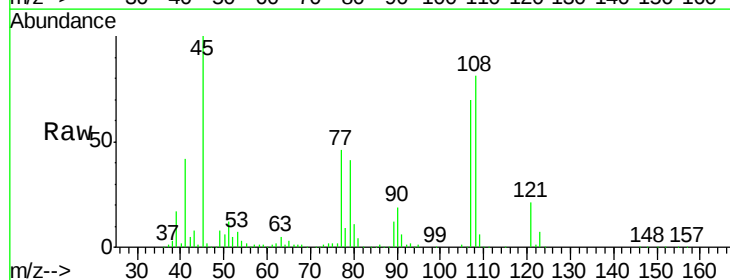
Tgt Ion: 45 Resp: 637087

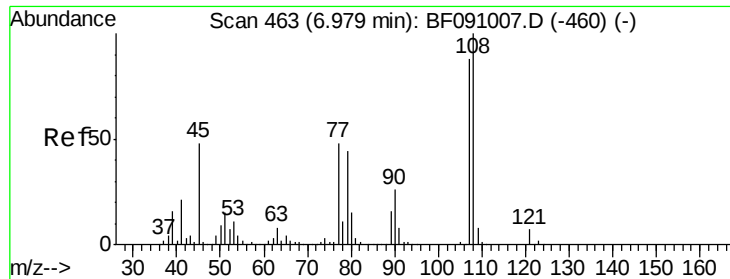
Ion Ratio Lower Upper

45 100

77 45.5 0.0 39.6#

79 41.4 0.0 35.9#

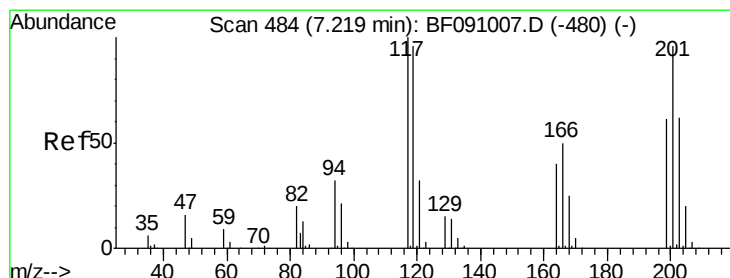
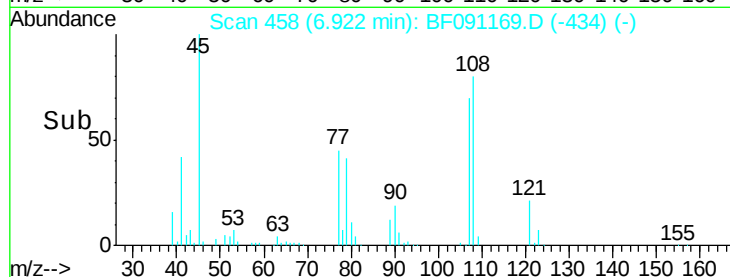
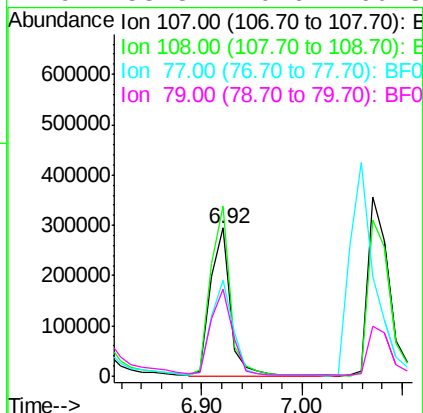
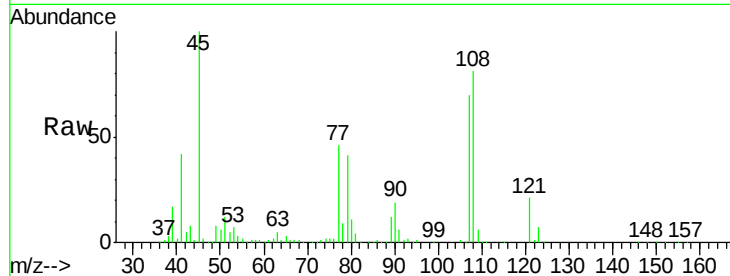




#17
2-Methylphenol
Concen: 40.74 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

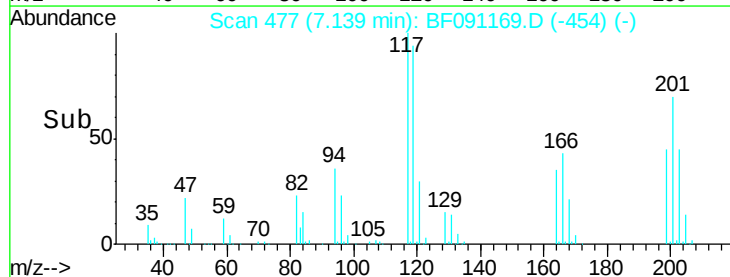
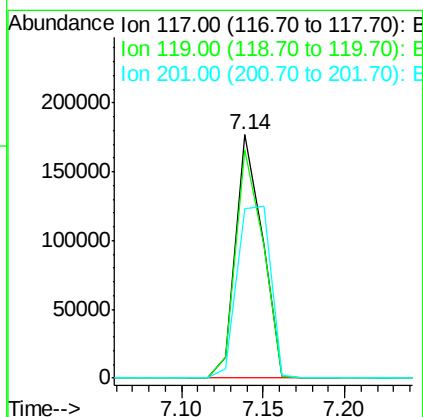
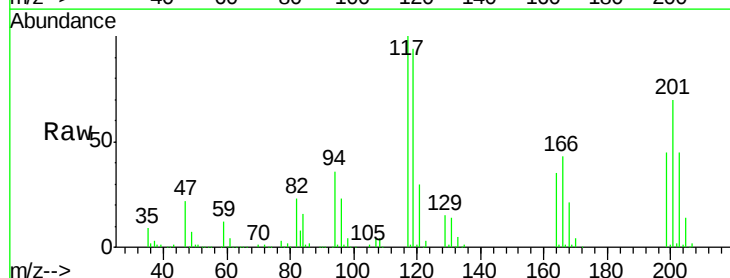
Instrument :
BNA_F
ClientSampleId :
PB94688BS

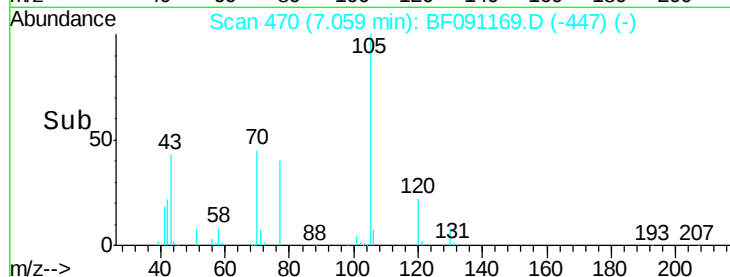
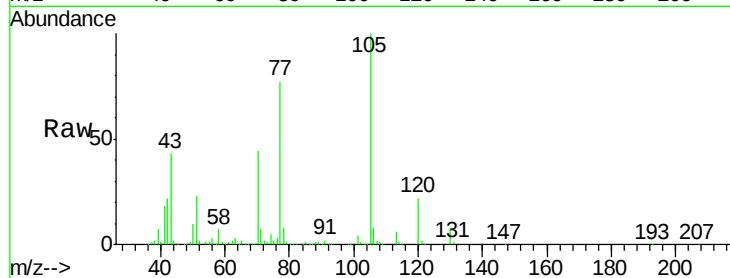
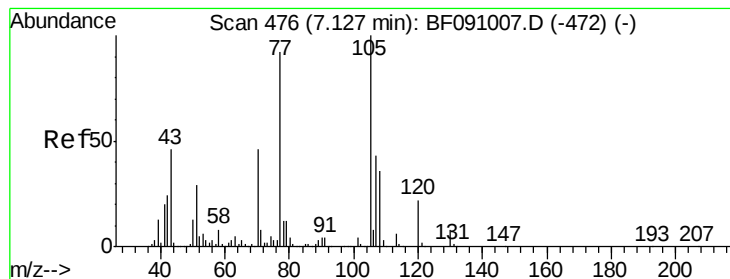
Tgt Ion:	107	Resp:	397887
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.6
77	64.6	43.8	65.8
79	58.8	40.6	60.8



#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:	117	Resp:	199036
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	115.0
201	69.7	77.1	115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.49 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

Tgt Ion: 70 Resp: 384179

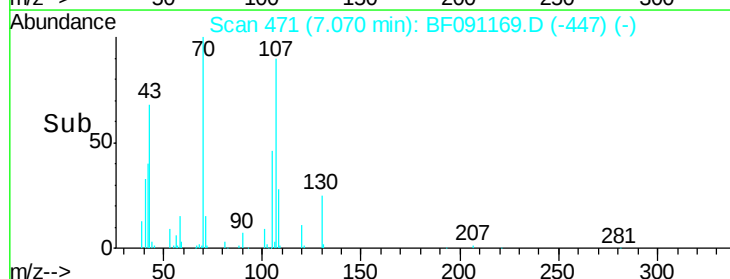
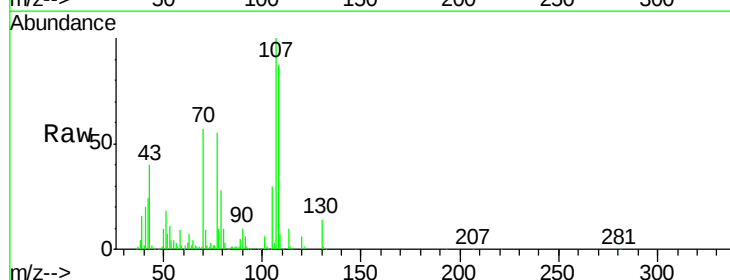
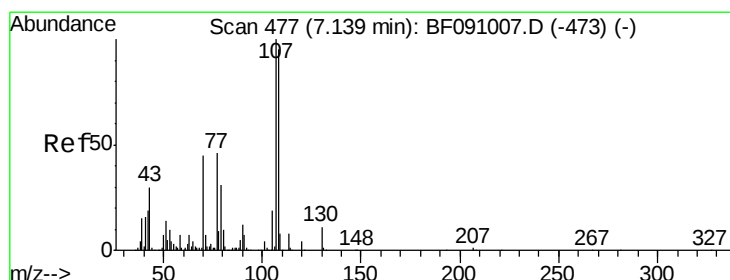
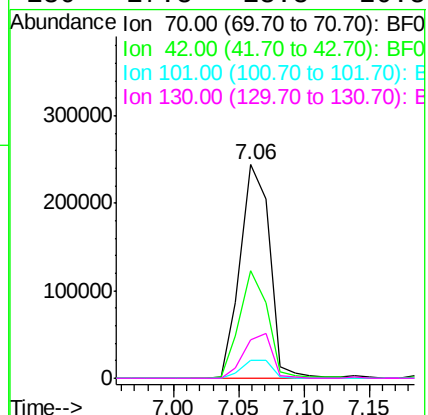
Ion Ratio Lower Upper

70 100

42 50.6 41.7 62.5

101 8.5 6.7 10.1

130 17.8 13.8 20.8



#20

3+4-Methylphenols

Concen: 45.47 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion: 107 Resp: 533190

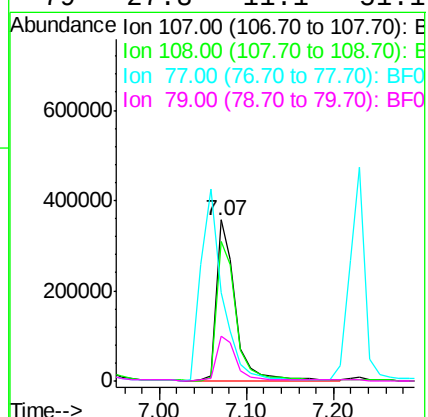
Ion Ratio Lower Upper

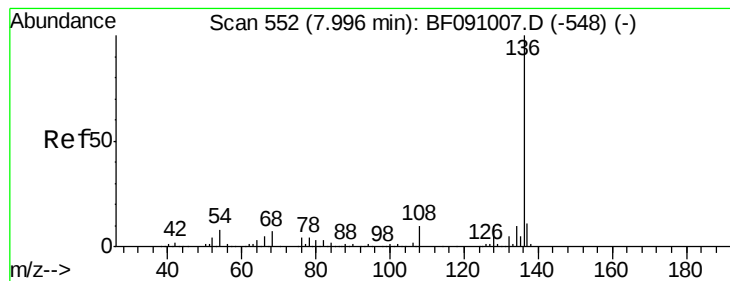
107 100

108 86.7 75.5 115.5

77 55.2 26.4 66.4

79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

Tgt Ion:136 Resp: 720523

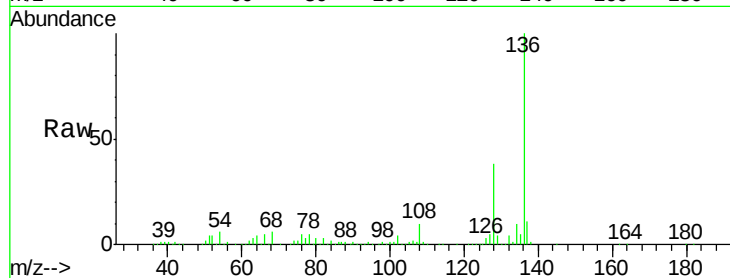
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.1 6.2 9.2#

68 5.7 5.5 8.3

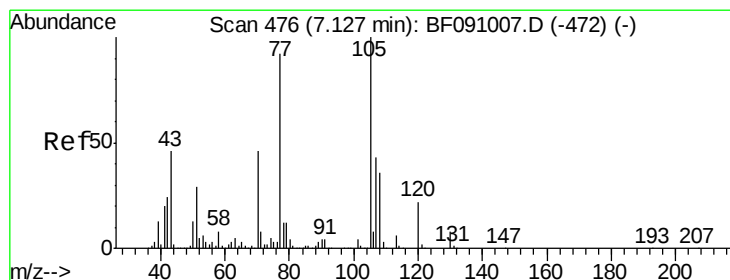
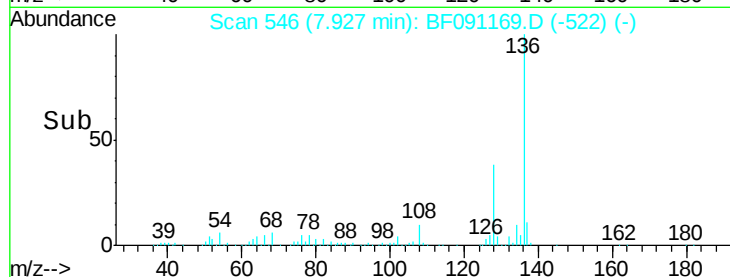
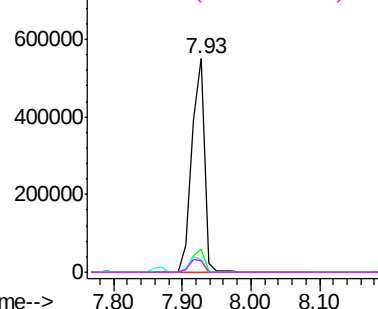


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.44 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Tgt Ion:105 Resp: 704126

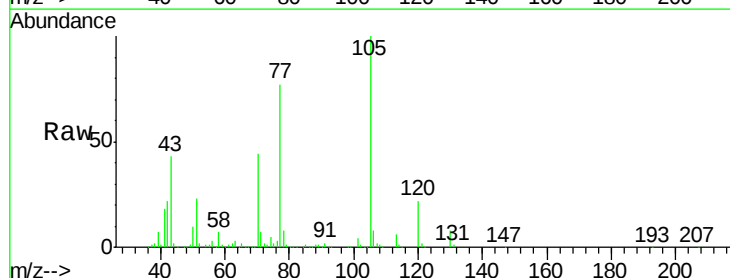
Ion Ratio Lower Upper

105 100

71 7.3 6.2 9.2

51 23.0 23.3 34.9#

120 22.0 17.4 26.0

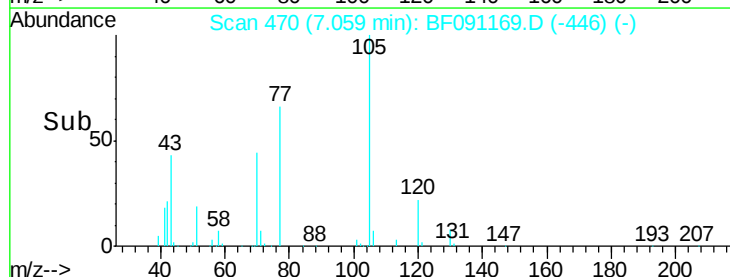
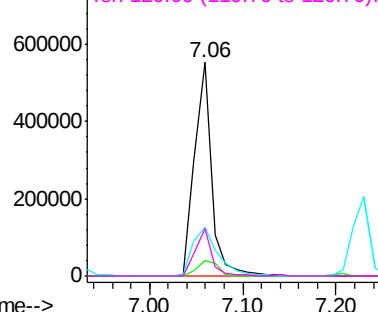


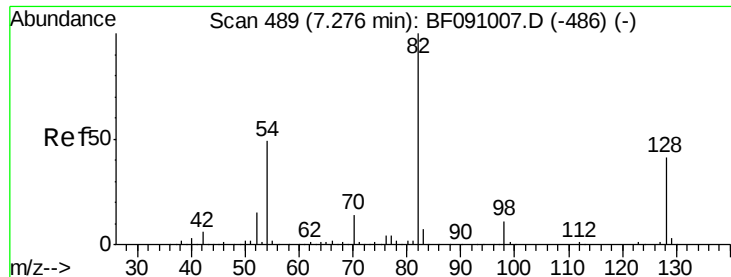
Abundance Ion 105.00 (104.70 to 105.70): E

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

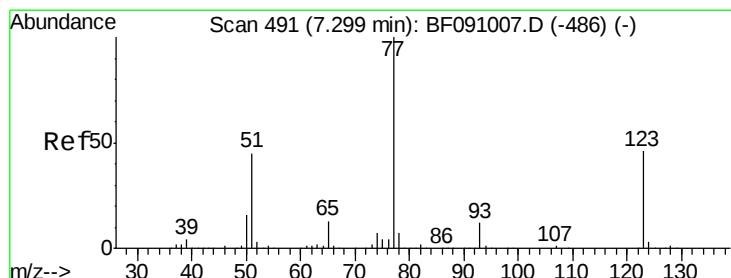
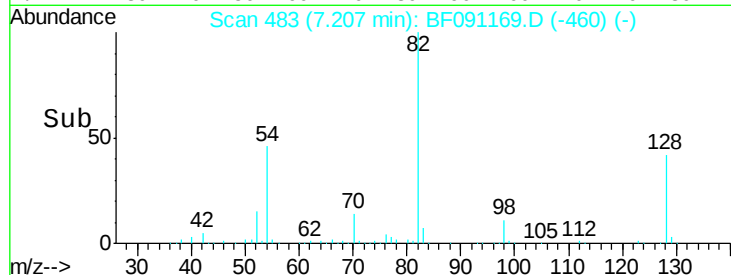
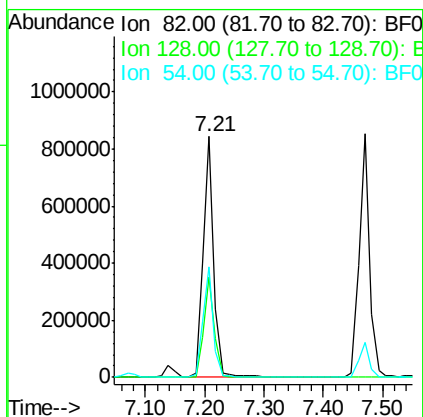
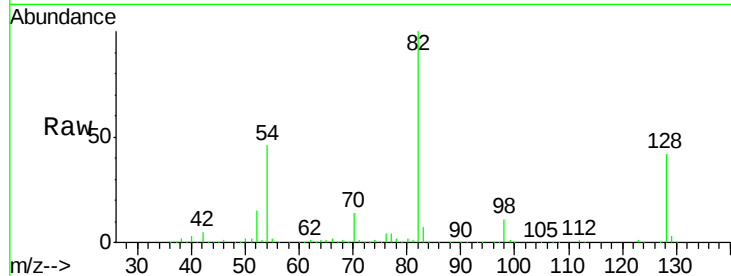




#23
 Nitrobenzene-d5
 Concen: 80.96 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

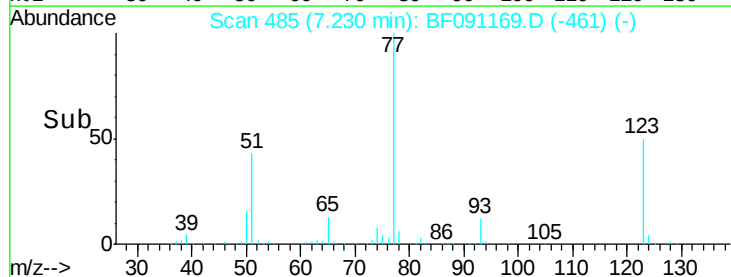
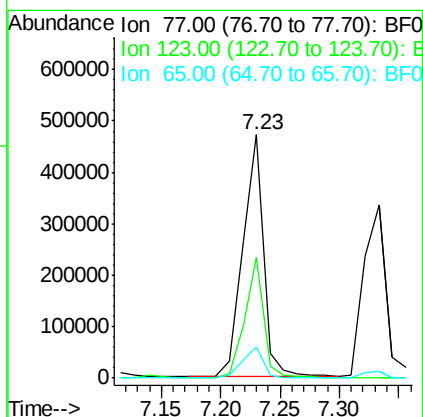
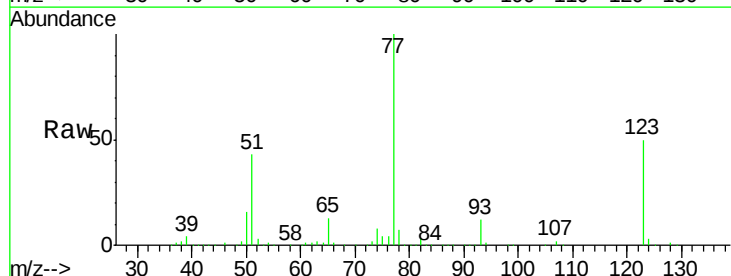
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion: 82 Resp: 1069310
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.4 48.6
 54 46.1 39.2 58.8



#24
 Nitrobenzene
 Concen: 39.35 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion: 77 Resp: 574021
 Ion Ratio Lower Upper
 77 100
 123 49.7 36.5 54.7
 65 13.0 10.7 16.1





#25

Isophorone

Concen: 40.80 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampled :

PB94688BS

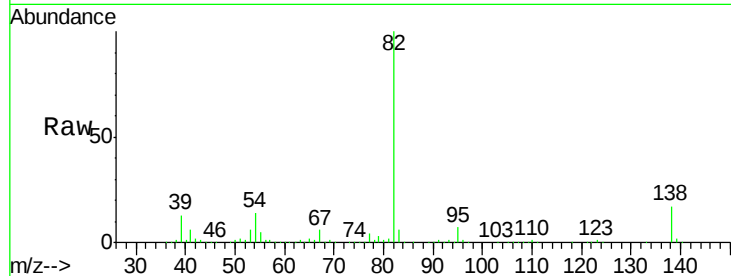
Tgt Ion: 82 Resp: 1038347

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

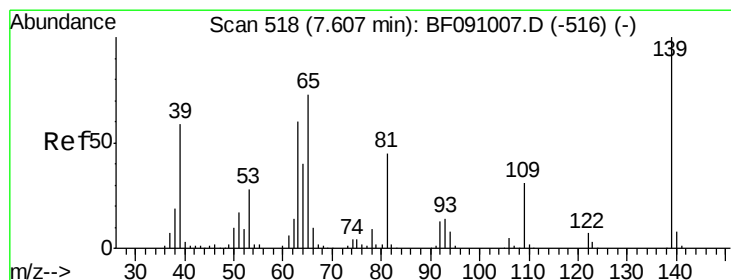
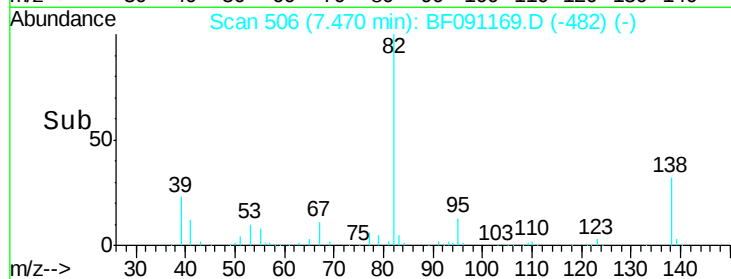
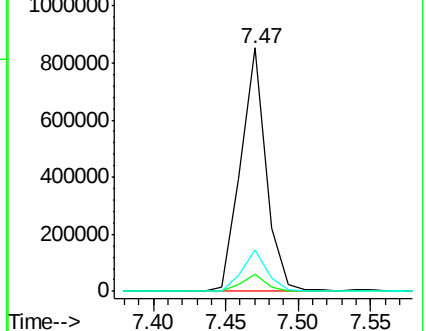
138 17.1 13.0 19.4



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: 42.68 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

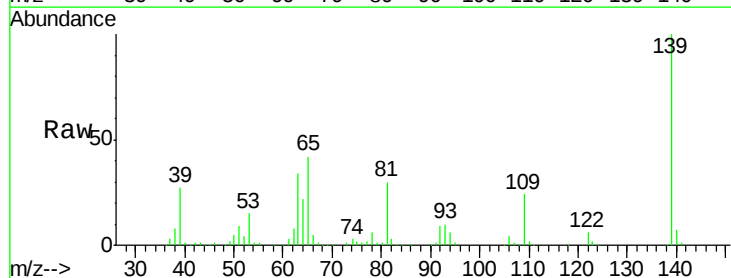
Tgt Ion: 139 Resp: 263446

Ion Ratio Lower Upper

139 100

109 24.4 24.7 37.1#

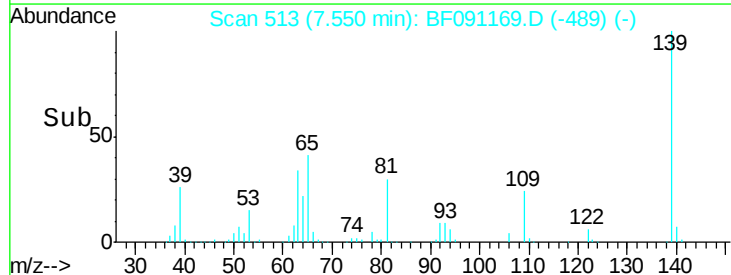
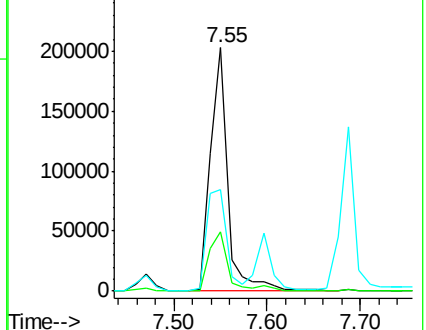
65 41.9 58.3 87.5#



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

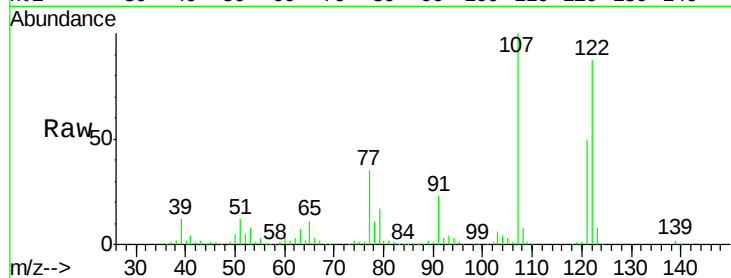




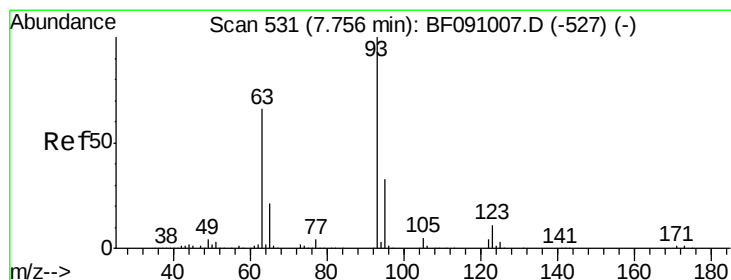
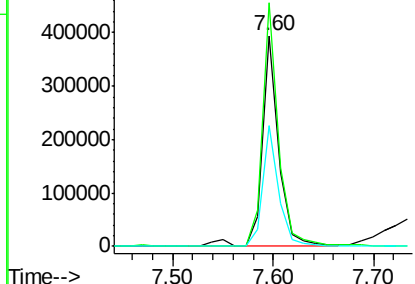
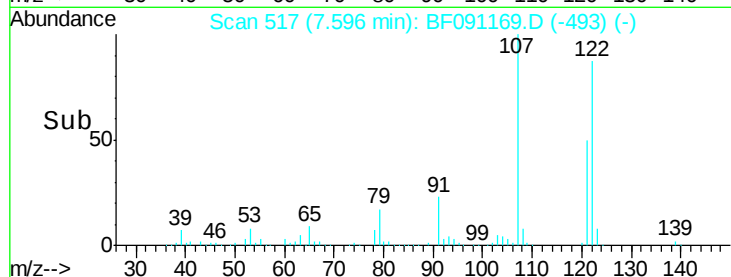
#27
 2,4-Dimethylphenol
 Concen: 44.28 ng
 RT: 7.60 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:122 Resp: 452085
 Ion Ratio Lower Upper
 122 100
 107 115.4 89.6 134.4
 121 57.2 46.3 69.5

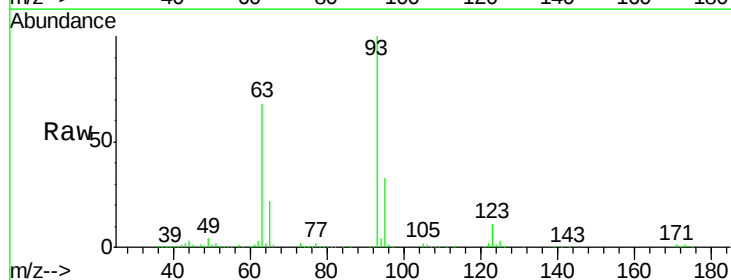


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

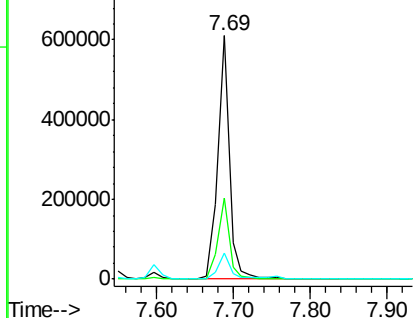
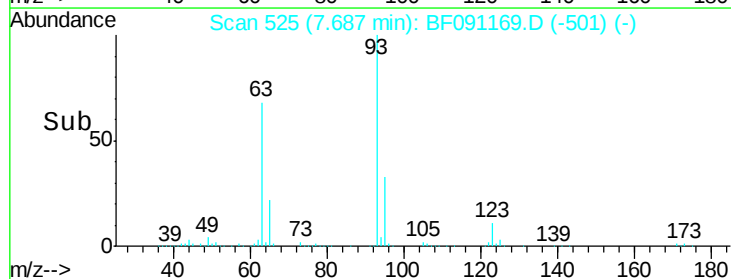


#28
 bis(2-Chloroethoxy)methane
 Concen: 46.45 ng
 RT: 7.69 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion: 93 Resp: 645872
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 10.7 8.7 13.1



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

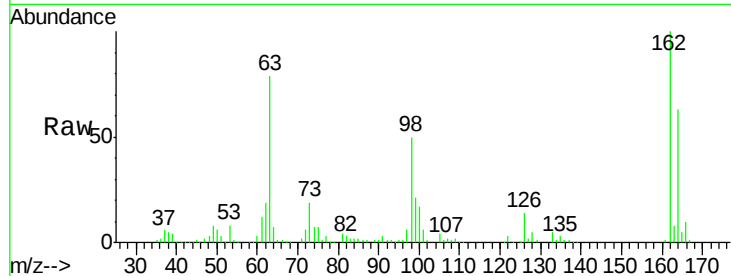




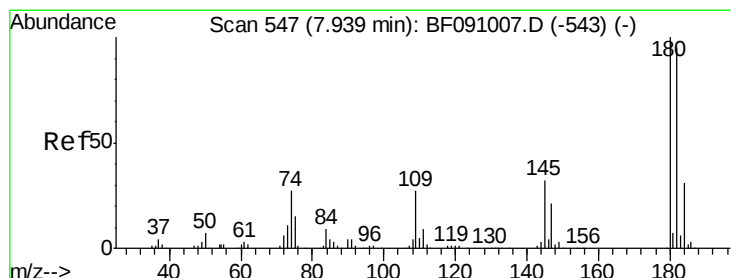
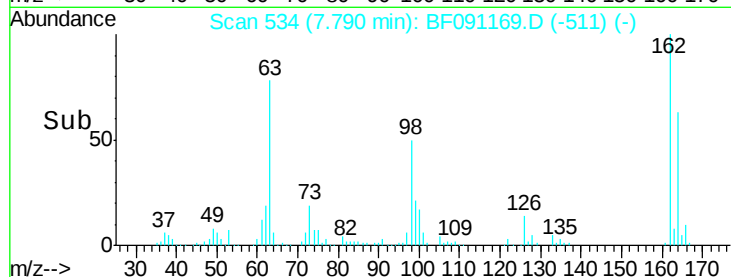
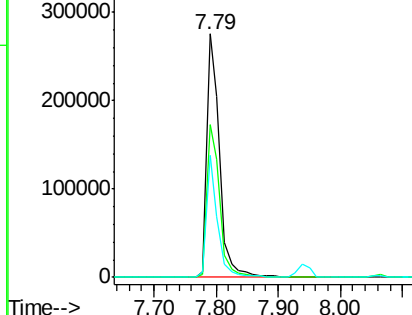
#29
2,4-Dichlorophenol
Concen: 43.82 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.4	84.4
98	50.0	25.2	65.2

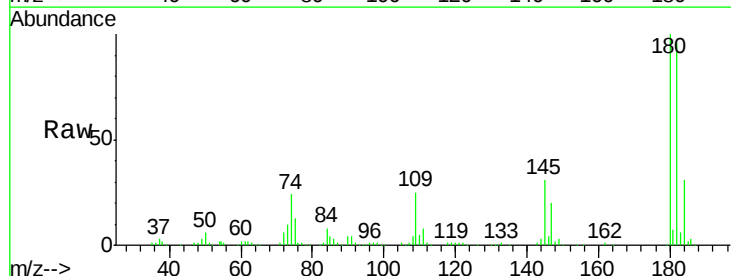


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

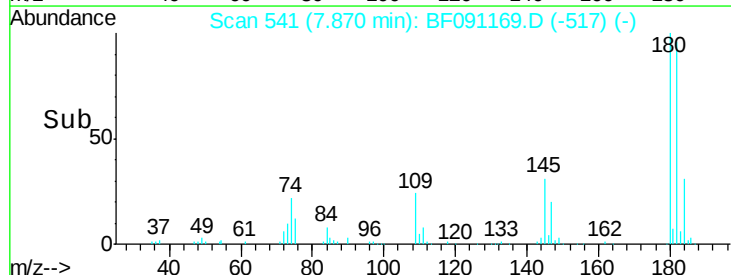
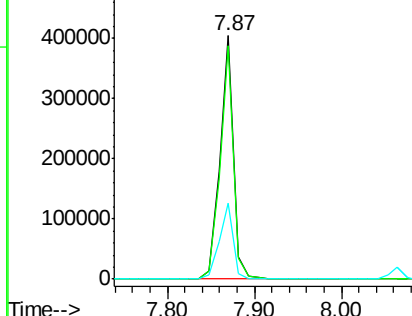


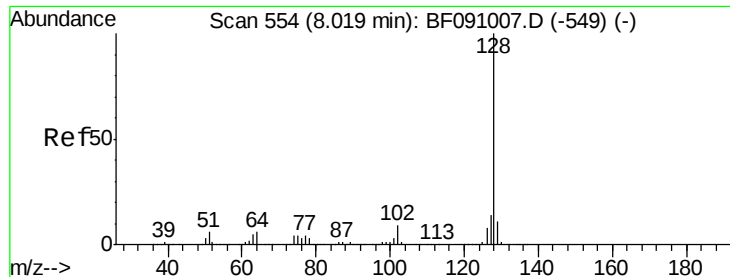
#30
1,2,4-Trichlorobenzene
Concen: 44.27 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	31.3	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

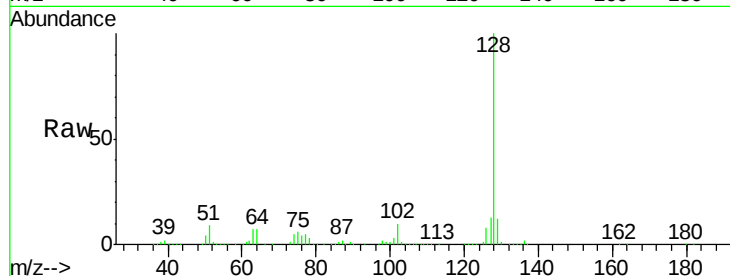




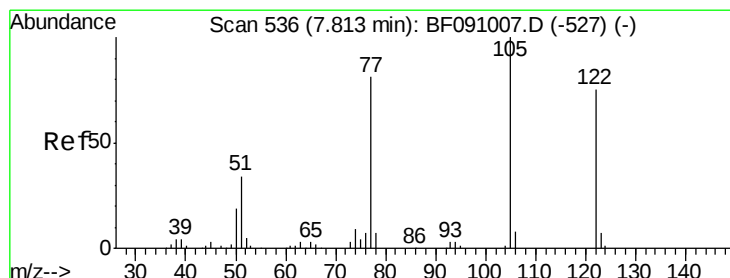
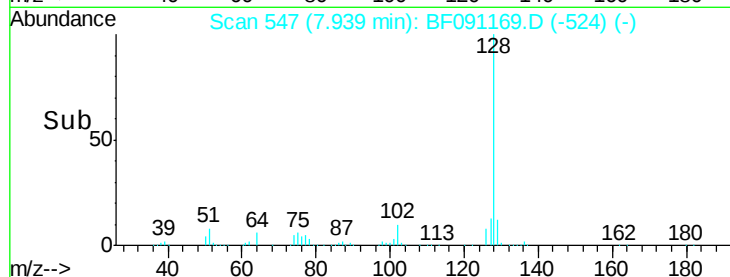
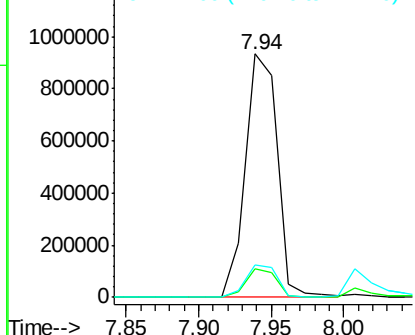
#31
Naphthalene
Concen: 41.28 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tgt Ion:128 Resp: 1422589
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.9 16.3

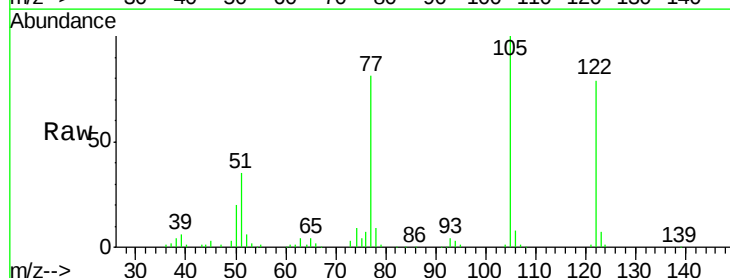


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

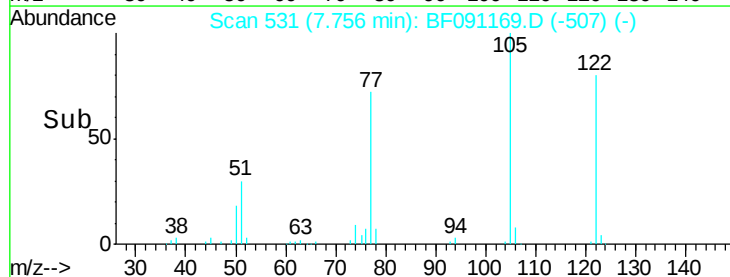
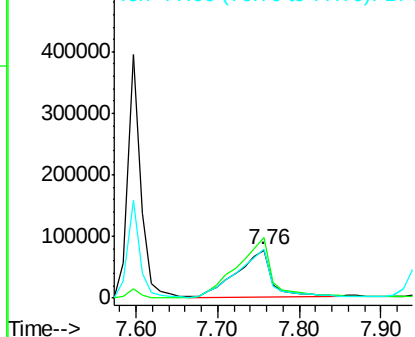


#32
Benzoic acid
Concen: 30.13 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:122 Resp: 223179
Ion Ratio Lower Upper
122 100
105 126.3 105.9 145.9
77 102.1 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

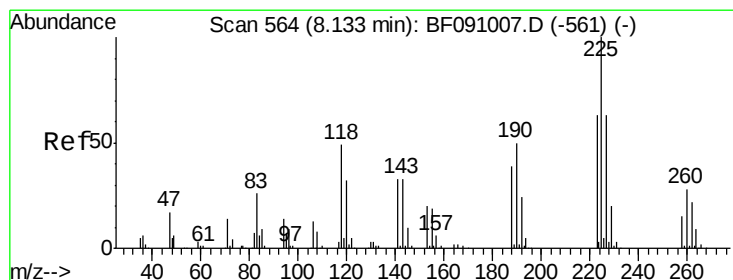
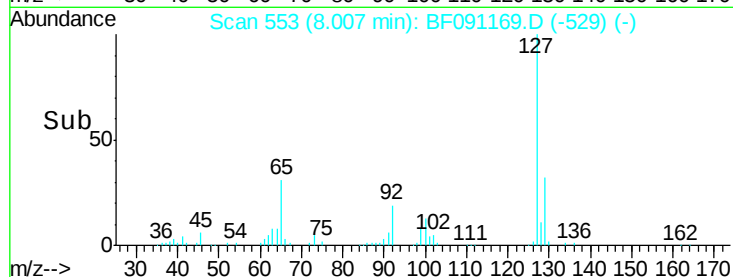
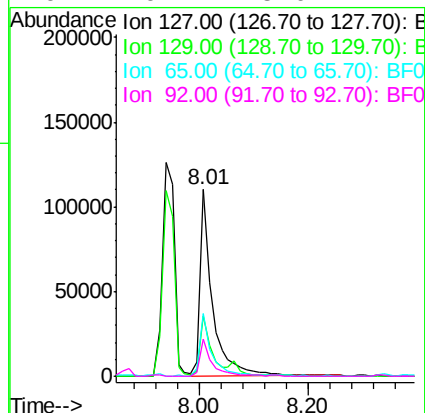
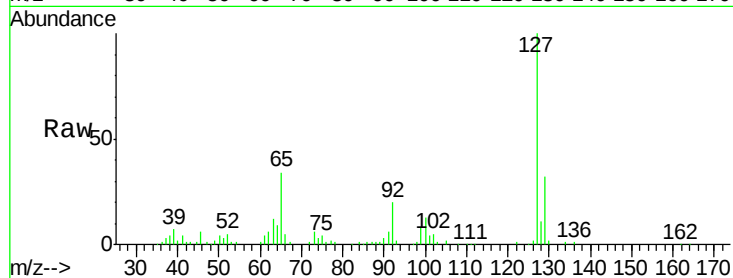




#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

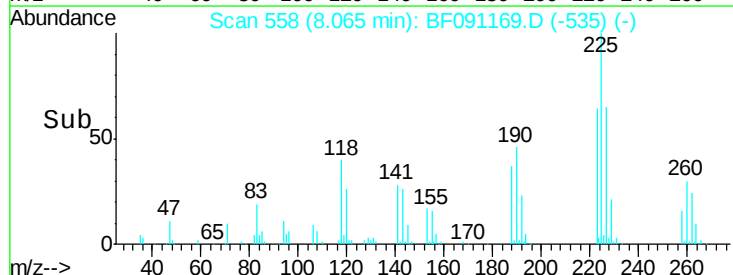
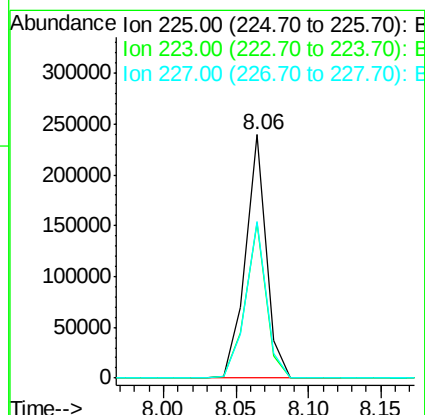
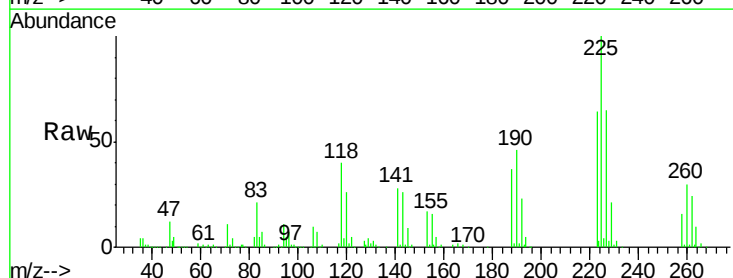
Instrument :
BNA_F
ClientSampleId :
PB94688BS

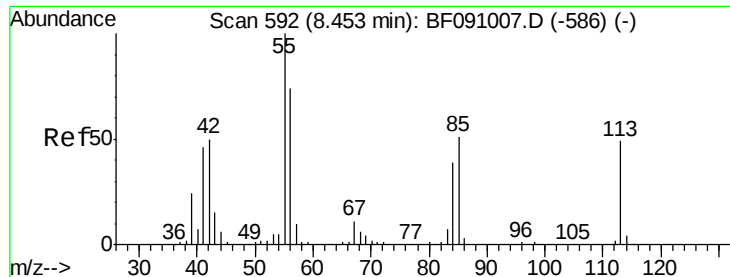
Tgt Ion:	127	Resp:	172378
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	33.9	22.2	33.2#
92	19.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.38 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:	225	Resp:	239953
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.6	50.1	75.1

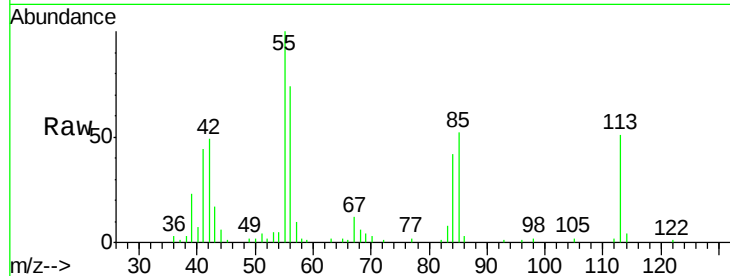




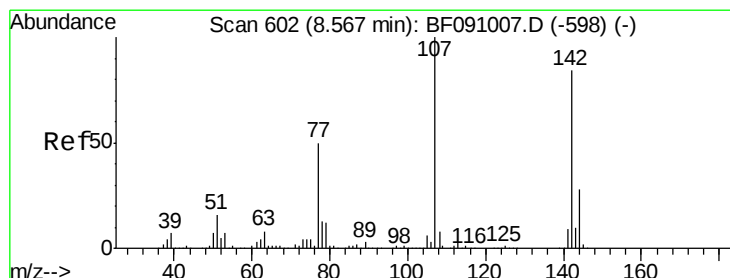
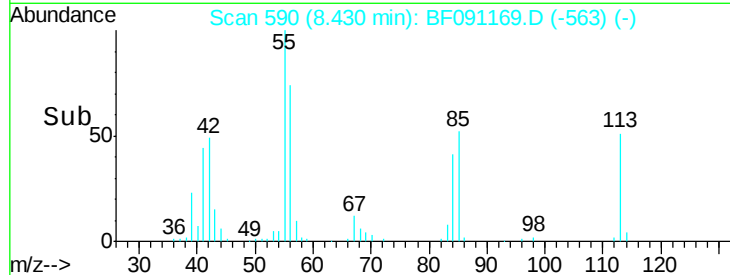
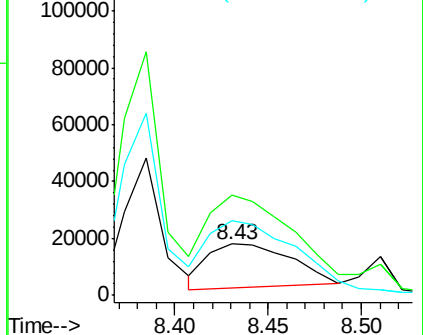
#35
 Caprolactam
 Concen: 16.93 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:113 Resp: 47402
 Ion Ratio Lower Upper
 113 100
 55 195.5 184.1 224.1
 56 144.4 132.0 172.0

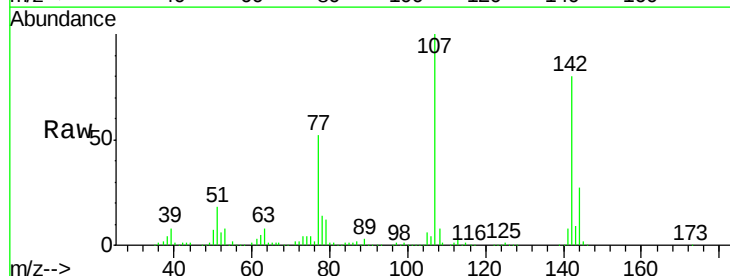


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

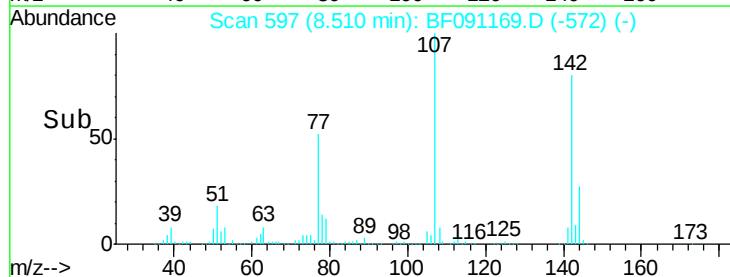
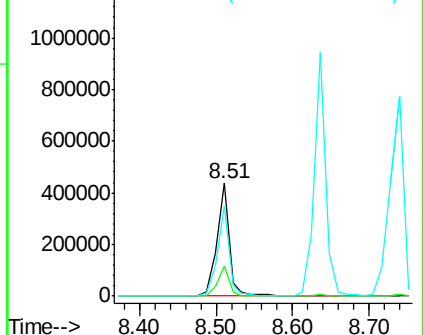


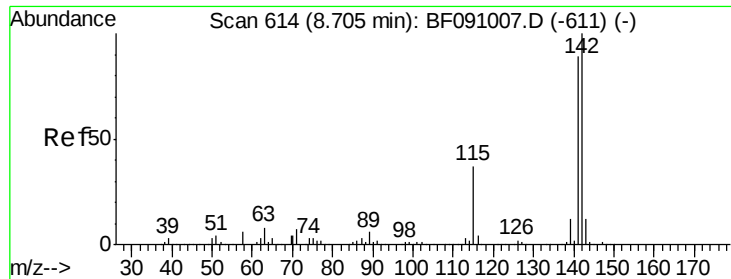
#36
 4-Chloro-3-methylphenol
 Concen: 45.22 ng
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:107 Resp: 487801
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.5 33.7
 142 79.7 67.4 101.2



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

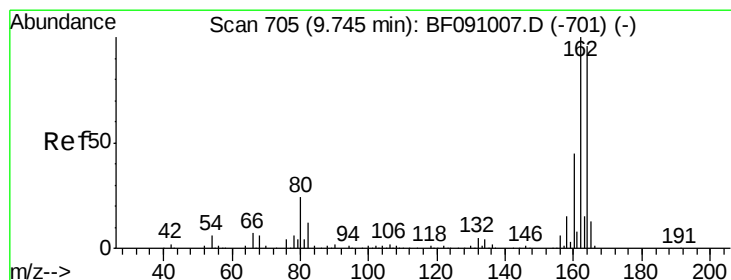
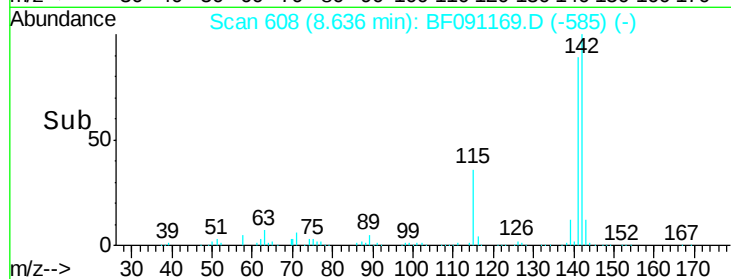
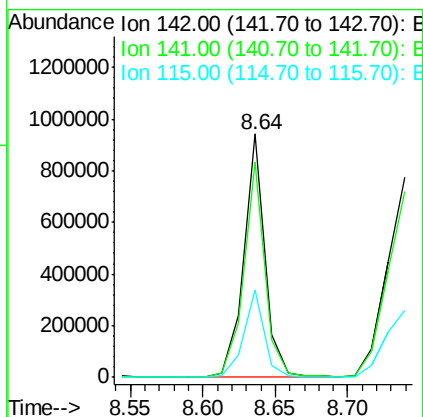
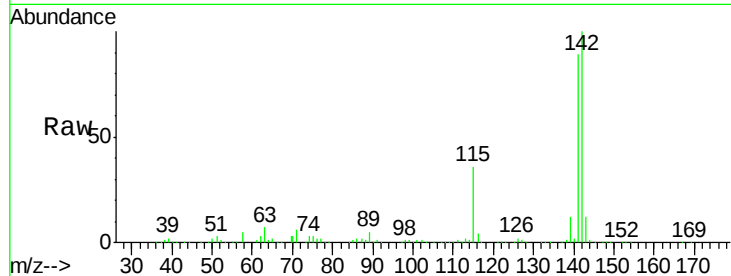




#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

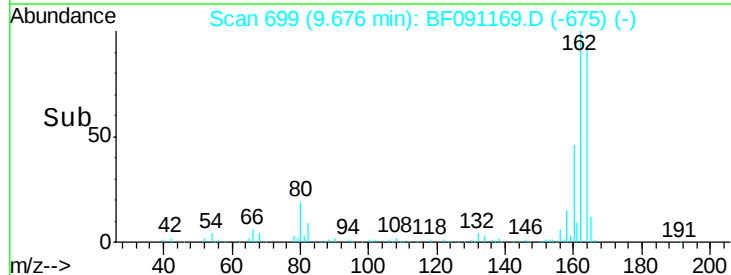
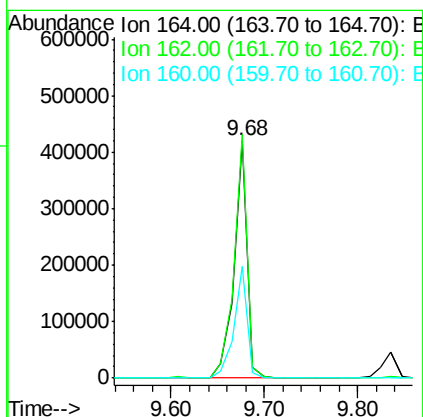
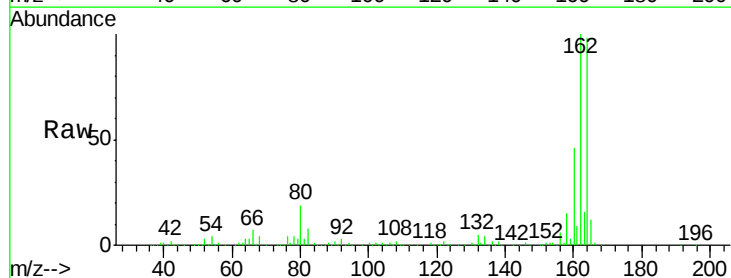
Instrument :
BNA_F
ClientSampleId :
PB94688BS

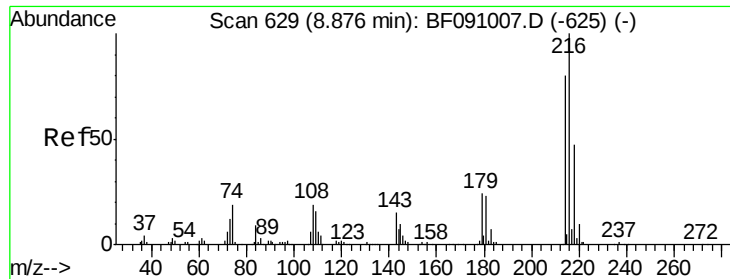
Tgt Ion:142 Resp: 953899
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 36.1 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091169.D
Acq: 15 Nov 2016 10:18

Tgt Ion:164 Resp: 411720
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 47.0 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.96 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

Instrument :

BNA_F

ClientSampleId :

PB94688BS

Tgt Ion:216 Resp: 450982

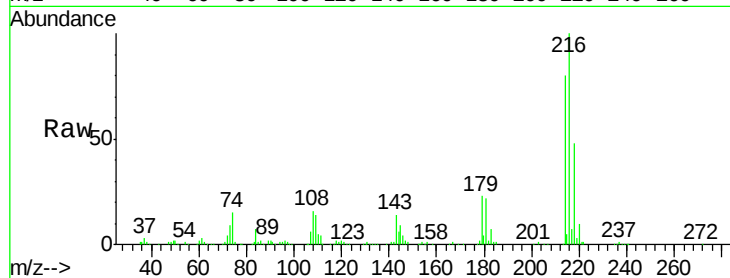
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 23.2 19.1 28.7

108 21.5 17.5 26.3

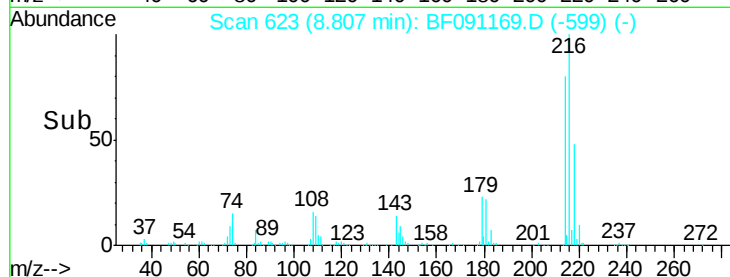


Abundance Ion 216.00 (215.70 to 216.70): E

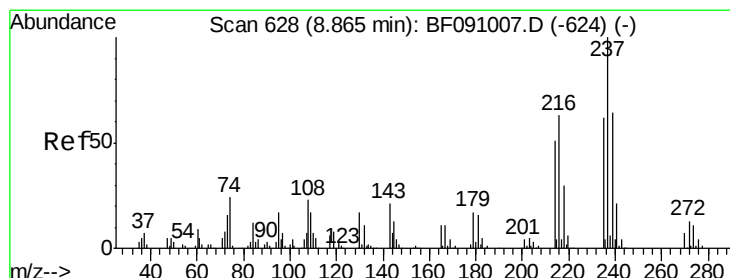
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 90.35 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091169.D

Acq: 15 Nov 2016 10:18

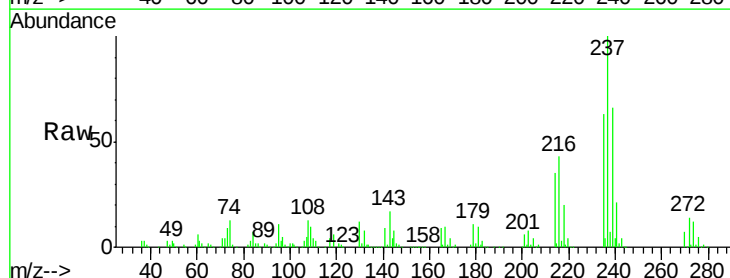
Tgt Ion:237 Resp: 371804

Ion Ratio Lower Upper

237 100

235 62.7 42.1 82.1

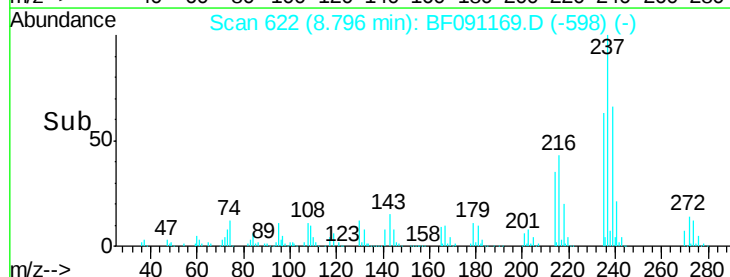
272 14.4 0.0 33.1



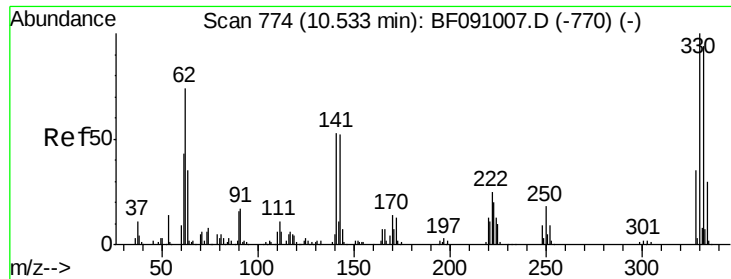
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



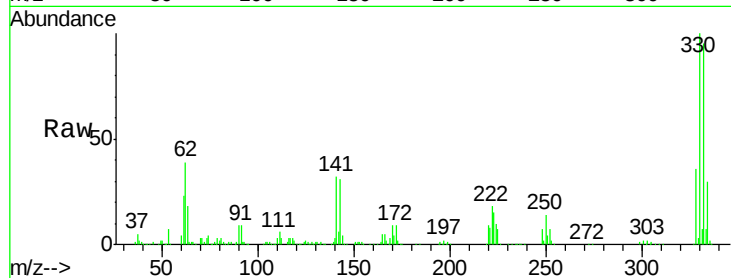
Time-->



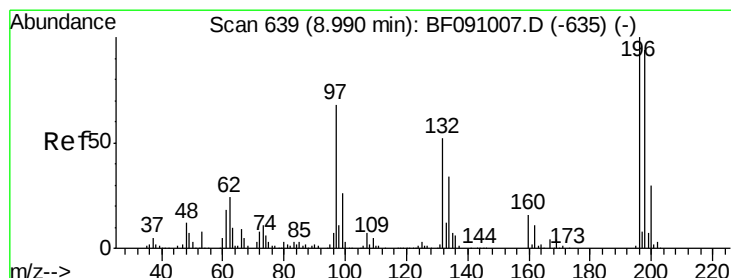
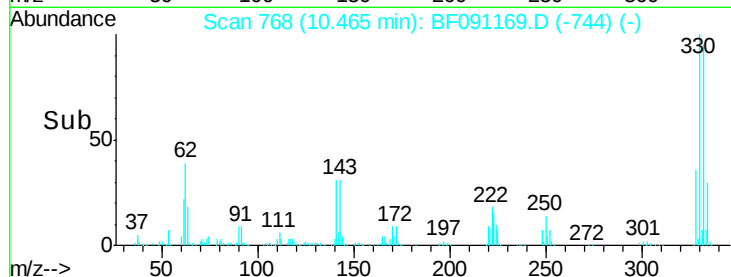
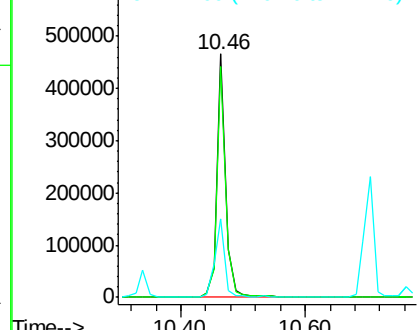
#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:330 Resp: 454383
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 36.9 36.1 54.1

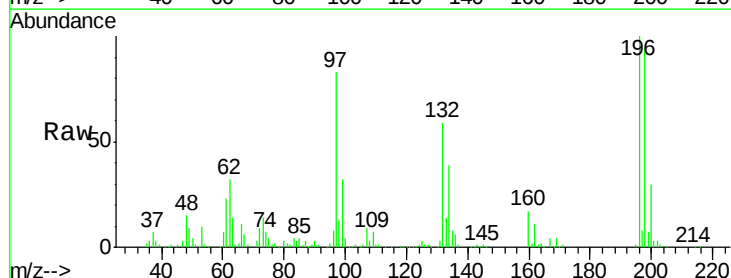


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091169.D
 Acq: 15 Nov 2016 10:18

Tgt Ion:196 Resp: 270484
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 200 30.1 24.1 36.1



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

