

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090986.D
 Acq On : 2 Nov 2016 18:13
 Operator : UM/SJ
 Sample : H5509-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0MS

Quant Time: Nov 02 23:11:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149184	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	679083	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	365291	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	507059	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	422849	20.00	ng	-0.02
86) Perylene-d12	15.28	264	315277	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1479642	173.41	ng	-0.01
7) Phenol-d6	6.38	99	1726288	149.96	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1144300	110.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	529148	140.96	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1959382	94.19	ng	-0.02
78) Terphenyl-d14	12.83	244	1824128	108.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	120517	27.63	ng	# 64
3) Pyridine	2.98	79	504209	42.61	ng	# 73
4) n-Nitrosodimethylamine	2.93	42	187203	56.19	ng	# 70
6) Aniline	6.40	93	513353	39.04	ng	# 1
8) 2-Chlorophenol	6.51	128	511515	48.60	ng	94
9) Benzaldehyde	6.27	77	57547	9.68	ng	# 83
10) Phenol	6.40	94	638179	50.31	ng	75
11) bis(2-Chloroethyl)ether	6.46	93	448240	42.71	ng	93
12) 1,3-Dichlorobenzene	6.90	146	456781	42.43	ng	97
13) 1,4-Dichlorobenzene	6.90	146	460685	40.69	ng	96
14) 1,2-Dichlorobenzene	6.90	146	471739	43.46	ng	100
15) Benzyl Alcohol	6.88	79	393456	52.04	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	574044	54.96	ng	63
17) 2-Methylphenol	7.00	107	427764	53.42	ng	# 81
18) Hexachloroethane	7.23	117	183766	44.60	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	369147	55.47	ng	# 68
20) 3+4-Methylphenols	7.15	107	505487	54.53	ng	# 73
22) Acetophenone	7.14	105	670614	48.00	ng	# 83
24) Nitrobenzene	7.31	77	501345	45.69	ng	# 69
25) Isophorone	7.56	82	1188443	56.45	ng	# 92
26) 2-Nitrophenol	7.63	139	294905	50.17	ng	# 55
27) 2,4-Dimethylphenol	7.68	122	487665	51.24	ng	# 77
28) bis(2-Chloroethoxy)methane	7.77	93	680574	56.84	ng	# 92
29) 2,4-Dichlorophenol	7.88	162	445494	50.56	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	436111	42.83	ng	# 96
31) Naphthalene	8.03	128	1455216	45.84	ng	97
32) Benzoic acid	7.77	122	27704	4.01	ng	# 65
33) 4-Chloroaniline	8.10	127	419353	32.70	ng	# 89
34) Hexachlorobutadiene	8.16	225	257155	42.95	ng	98
35) Caprolactam	8.46	113	88387	32.32	ng	# 67
36) 4-Chloro-3-methylphenol	8.59	107	516444	53.89	ng	91
37) 2-Methylnaphthalene	8.73	142	1033249	50.40	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	452437	45.15	ng	99
40) Hexachlorocyclopentadiene	8.89	237	390202	84.64	ng	99

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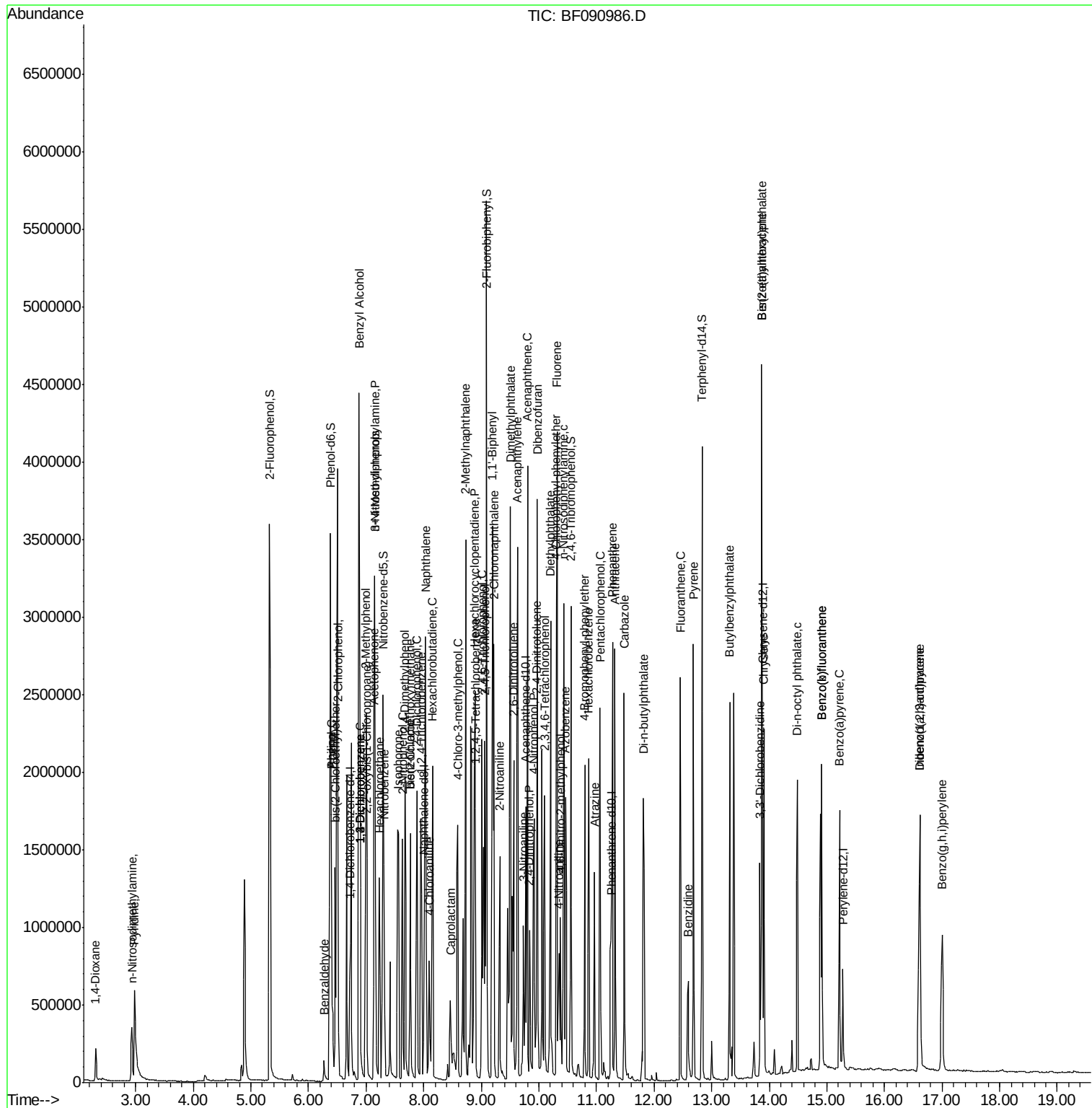
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	319049	49.32	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	318636	47.82	ng #	92
45) 1,1'-Biphenyl	9.20	154	1275290	48.47	ng	94
46) 2-Chloronaphthalene	9.22	162	1014559	50.69	ng	94
47) 2-Nitroaniline	9.32	65	355963	63.03	ng	86
48) Acenaphthylene	9.63	152	1515355	50.00	ng	95
49) Dimethylphthalate	9.50	163	1792137	73.43	ng #	97
50) 2,6-Dinitrotoluene	9.56	165	231755	43.00	ng #	48
51) Acenaphthene	9.80	154	890392	42.66	ng	88
52) 3-Nitroaniline	9.73	138	218911	38.15	ng #	77
53) 2,4-Dinitrophenol	9.84	184	142411	50.19	ng #	23
54) Dibenzofuran	9.97	168	1267605	47.06	ng #	85
55) 4-Nitrophenol	9.92	139	357754	102.23	ng #	83
56) 2,4-Dinitrotoluene	9.96	165	310865	46.43	ng #	44
57) Fluorene	10.32	166	1013666	45.94	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.10	232	264825	44.51	ng	96
59) Diethylphthalate	10.20	149	1172543	48.37	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	434659	40.36	ng #	79
61) 4-Nitroaniline	10.35	138	239523	42.15	ng #	64
62) Azobenzene	10.46	77	1019405	42.76	ng	85
64) 4,6-Dinitro-2-methylphenol	10.37	198	148724	44.24	ng	92
65) n-Nitrosodiphenylamine	10.43	169	813608	52.38	ng	90
66) 4-Bromophenyl-phenylether	10.80	248	288521	51.96	ng	95
67) Hexachlorobenzene	10.86	284	352226	53.60	ng #	80
68) Atrazine	10.97	200	275998	57.44	ng	84
69) Pentachlorophenol	11.06	266	335263	95.10	ng	98
70) Phenanthrene	11.28	178	1323420	51.25	ng	96
71) Anthracene	11.32	178	1202308	44.22	ng	96
72) Carbazole	11.48	167	1103696	45.97	ng	95
73) Di-n-butylphthalate	11.81	149	1407062	45.46	ng #	97
74) Fluoranthene	12.45	202	1224391	43.30	ng	93
76) Benzidine	12.59	184	476504	51.61	ng #	96
77) Pyrene	12.68	202	1205530	45.05	ng	96
79) Butylbenzylphthalate	13.31	149	599066	49.34	ng	97
80) Benzo(a)anthracene	13.87	228	1060005	47.23	ng	96
81) 3,3'-Dichlorobenzidine	13.84	252	339742	39.00	ng #	94
82) Chrysene	13.91	228	948874	41.80	ng	94
83) Bis(2-ethylhexyl)phthalate	13.87	149	791958	50.09	ng #	94
84) Di-n-octyl phthalate	14.49	149	1252961	47.19	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.61	276	908649	45.17	ng #	87
87) Benzo(b)fluoranthene	14.91	252	1730493	81.63	ng #	87
88) Benzo(k)fluoranthene	14.91	252	1730493	103.29	ng #	88
89) Benzo(a)pyrene	15.22	252	804222	44.15	ng #	86
90) Dibenzo(a,h)anthracene	16.61	278	770223	49.95	ng #	82
91) Benzo(g,h,i)perylene	17.00	276	743125	51.17	ng #	76

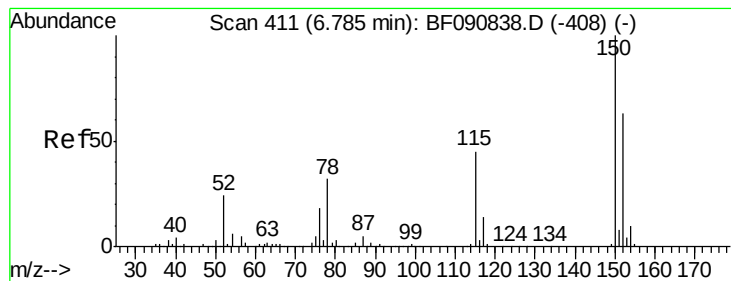
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0MS

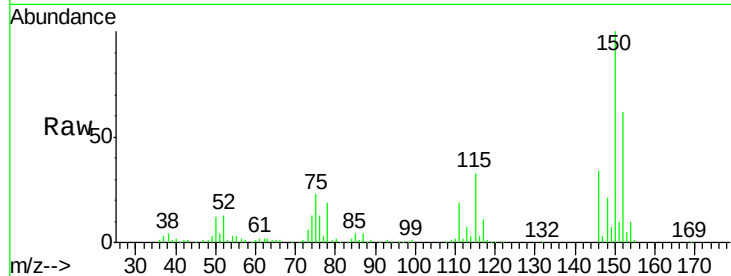
Tgt Ion:152 Resp: 149184

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

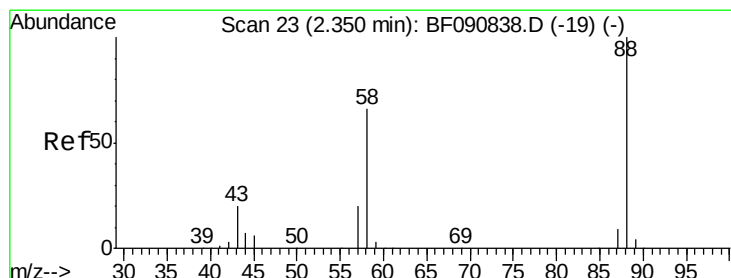
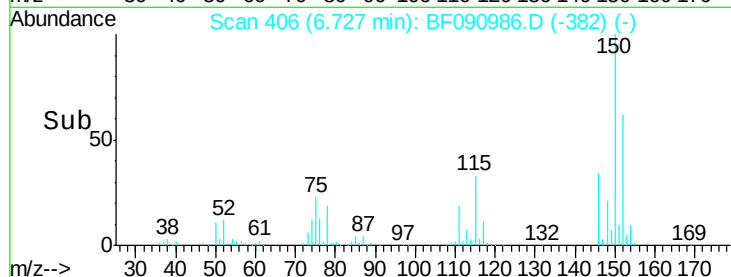
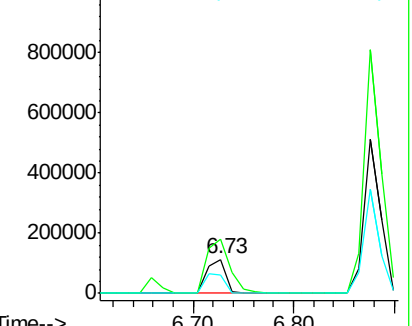
115 53.2 39.0 58.4



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: 27.63 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.06 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

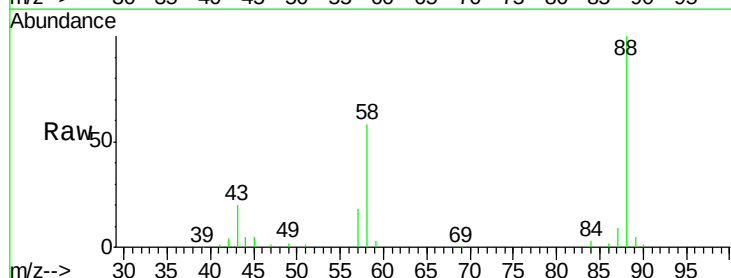
Tgt Ion: 88 Resp: 120517

Ion Ratio Lower Upper

88 100

58 59.2 77.7 116.5#

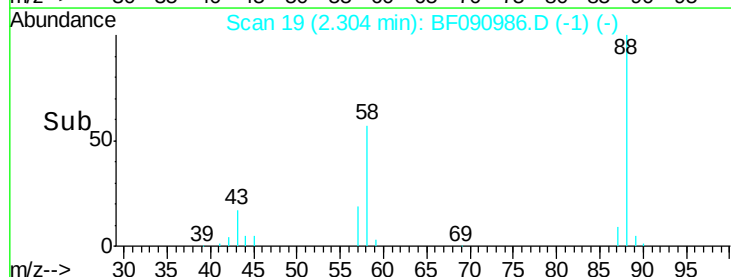
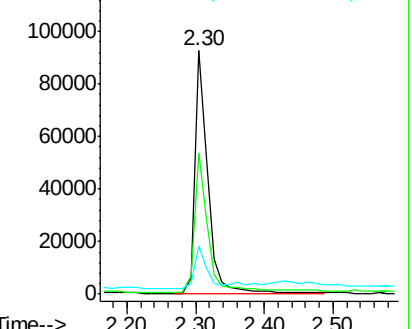
43 17.5 26.6 40.0#

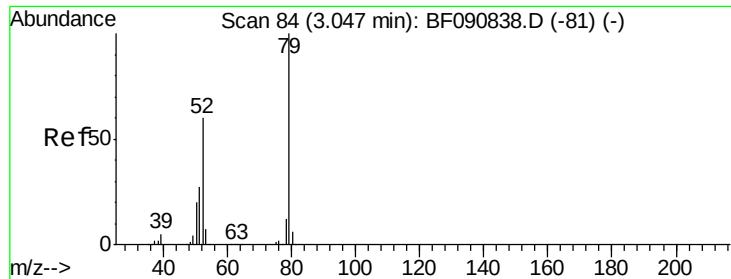


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.61 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.05 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0MS

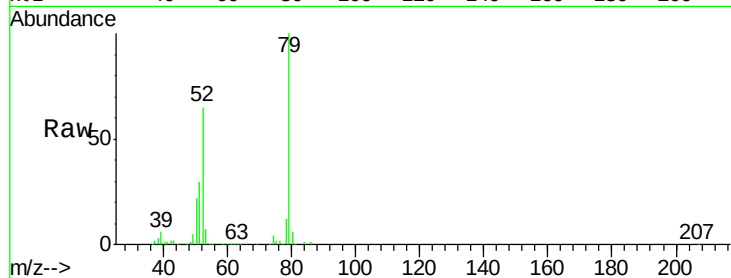
Tgt Ion: 79 Resp: 504209

Ion Ratio Lower Upper

79 100

52 65.4 76.8 115.2#

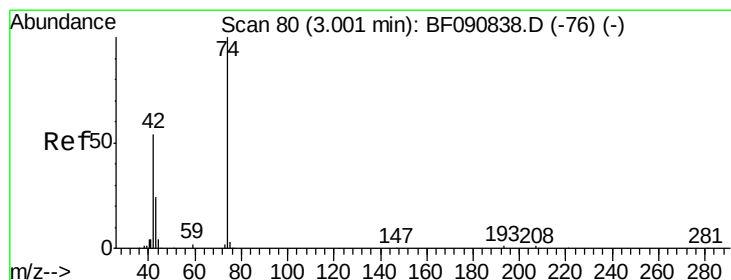
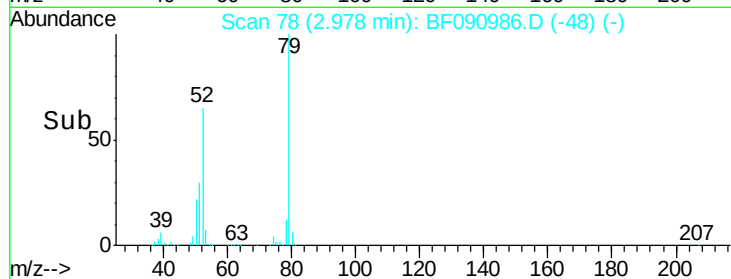
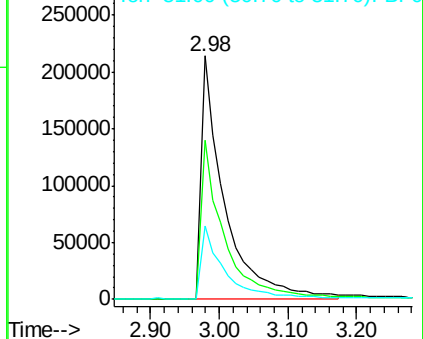
51 30.0 32.2 48.4#



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: 56.19 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.05 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

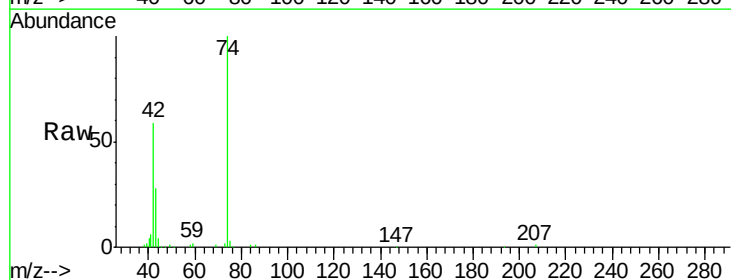
Tgt Ion: 42 Resp: 187203

Ion Ratio Lower Upper

42 100

74 168.7 105.0 157.6#

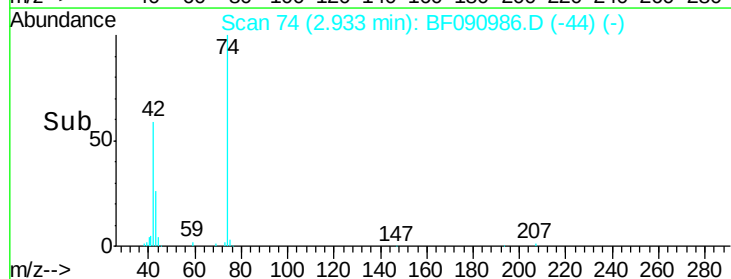
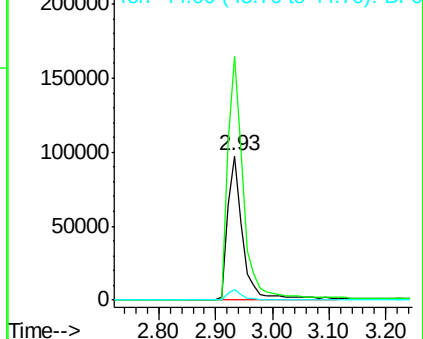
44 7.6 6.6 10.0

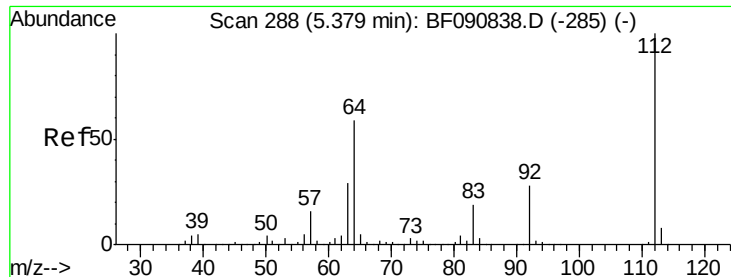


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 173.41 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090986.D

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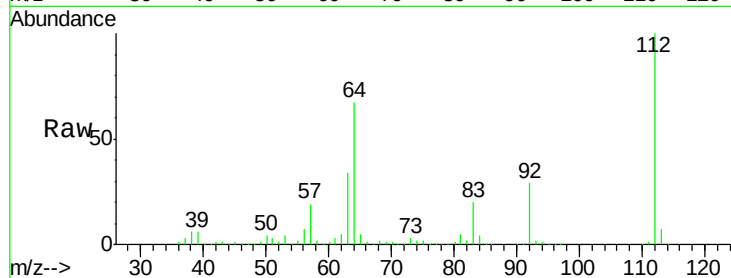
Tgt Ion:112 Resp: 1479642

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

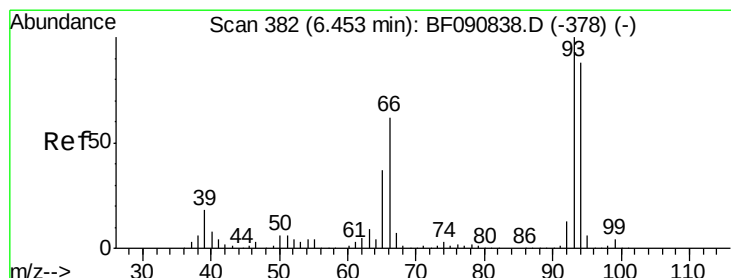
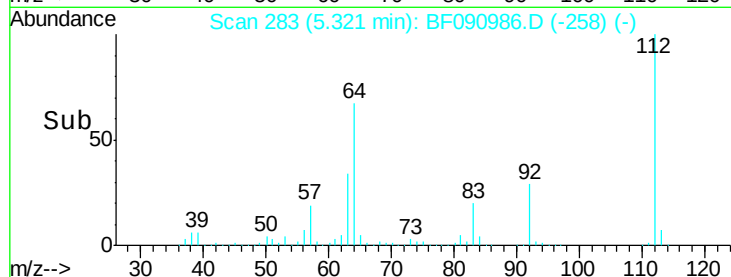
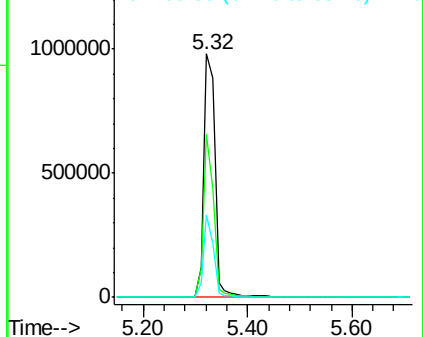
63 33.9 17.4 26.0#



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: 39.04 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

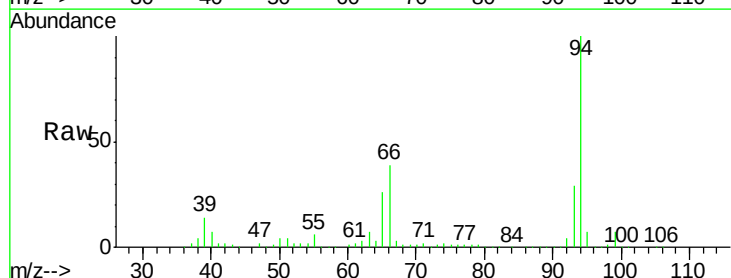
Tgt Ion: 93 Resp: 513353

Ion Ratio Lower Upper

93 100

66 134.7 27.2 40.8#

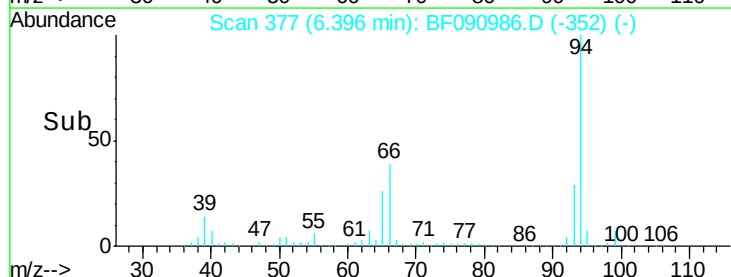
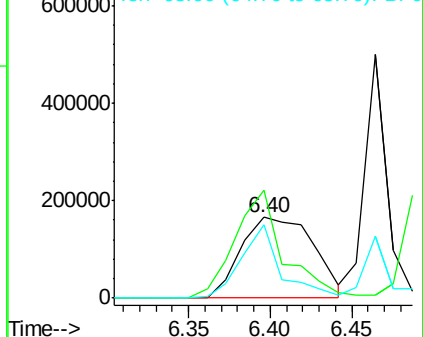
65 90.9 14.7 22.1#

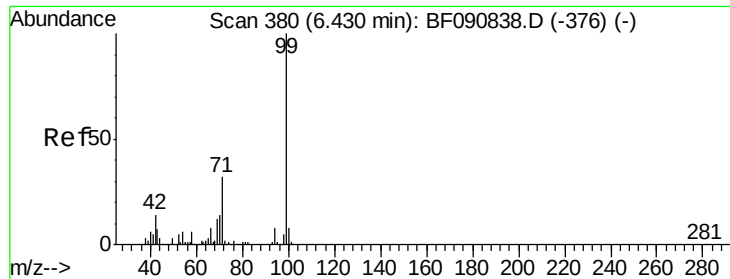


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.96 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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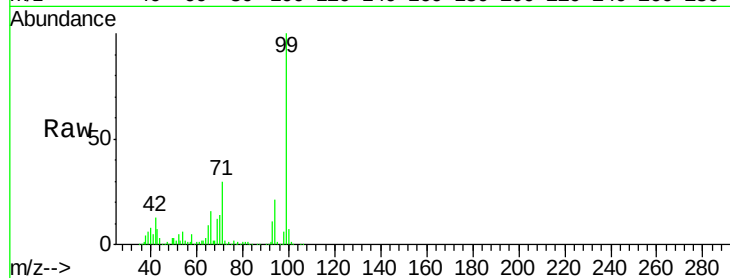
Tgt Ion: 99 Resp: 1726288

Ion Ratio Lower Upper

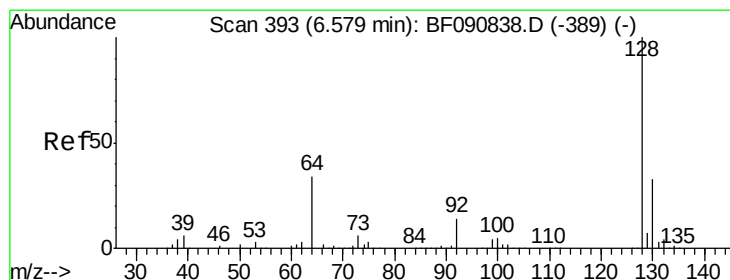
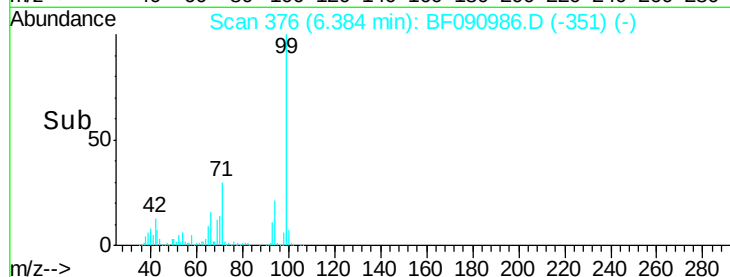
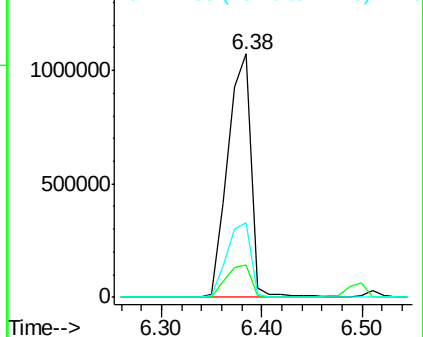
99 100

42 13.2 13.7 20.5#

71 30.5 14.2 21.2#



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: 48.60 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

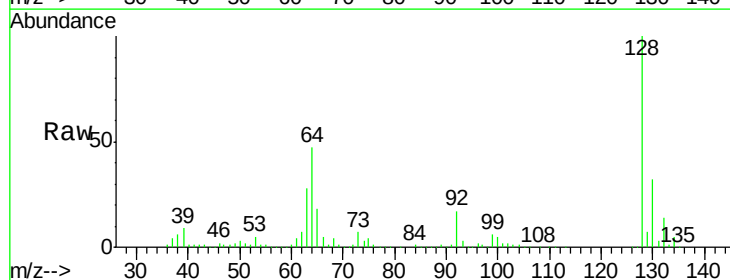
Tgt Ion: 128 Resp: 511515

Ion Ratio Lower Upper

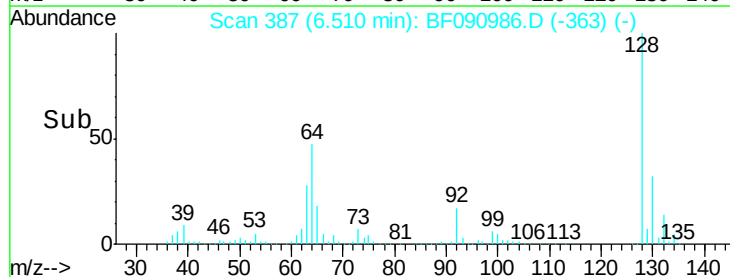
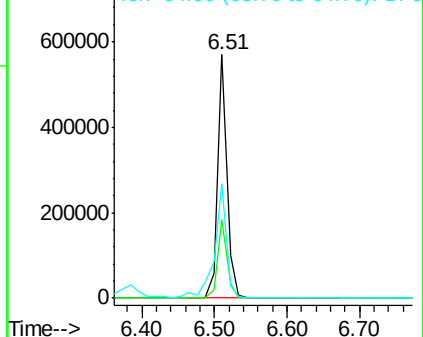
128 100

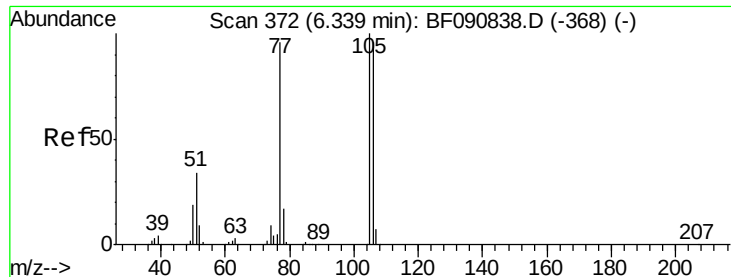
130 32.4 12.2 52.2

64 47.2 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.68 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

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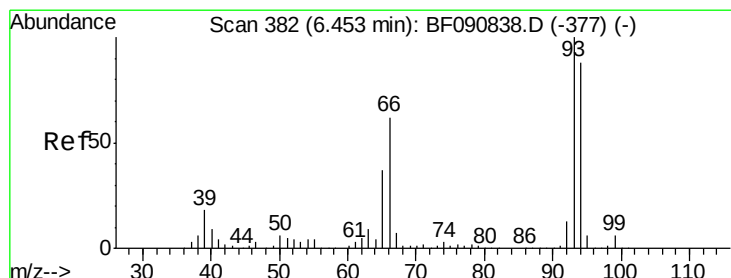
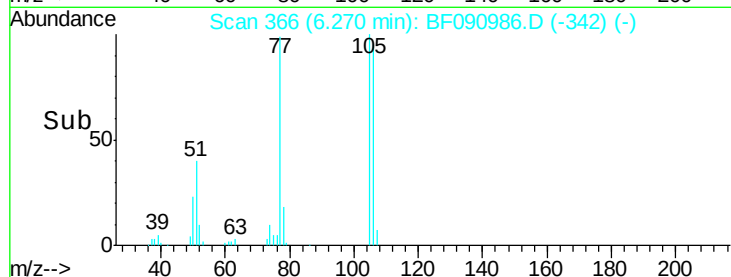
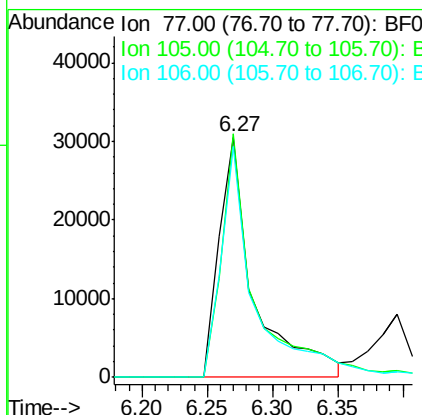
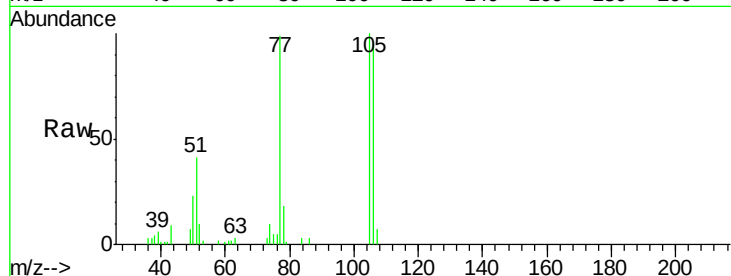
Tgt Ion: 77 Resp: 57547

Ion Ratio Lower Upper

77 100

105 101.3 91.6 131.6

106 96.0 102.6 142.6#



#10

Phenol

Concen: 50.31 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

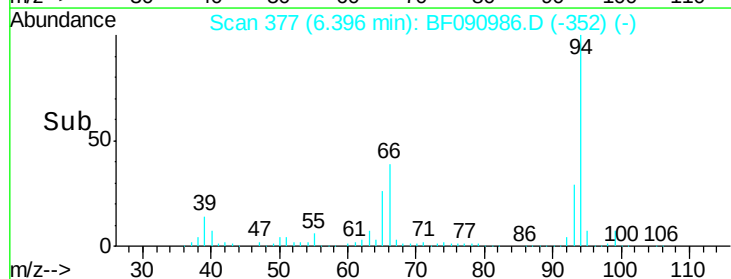
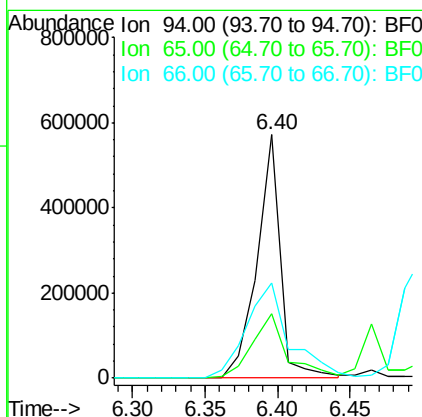
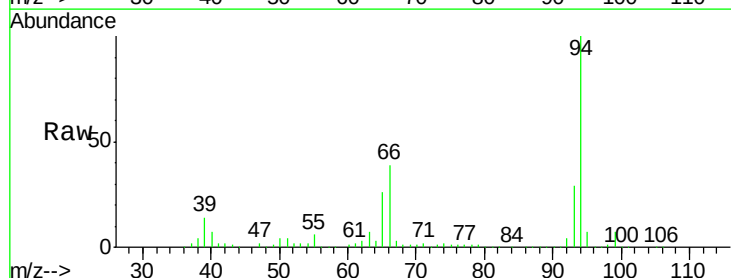
Tgt Ion: 94 Resp: 638179

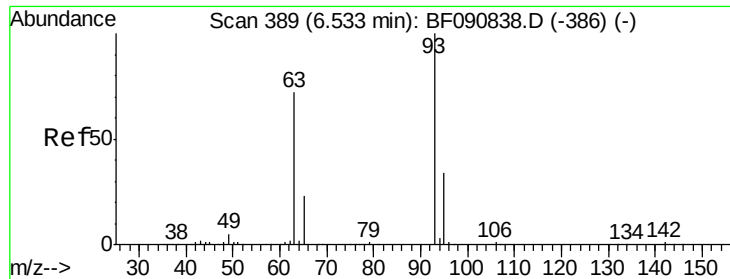
Ion Ratio Lower Upper

94 100

65 26.3 0.7 40.7

66 38.9 0.8 40.8

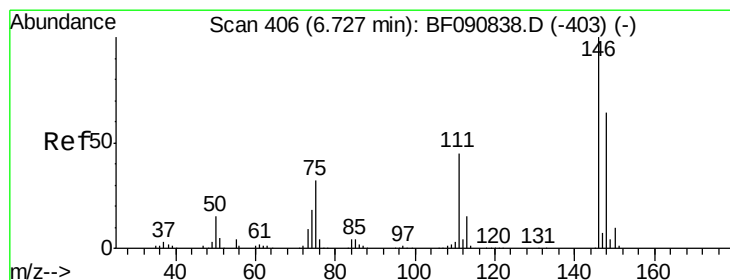
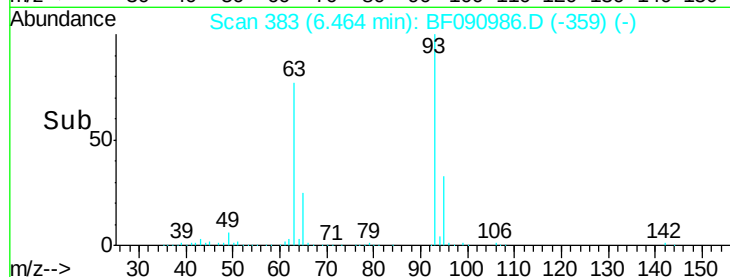
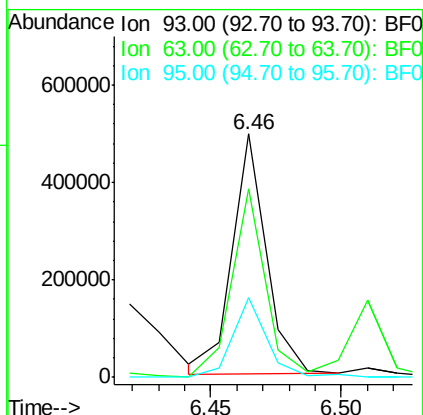
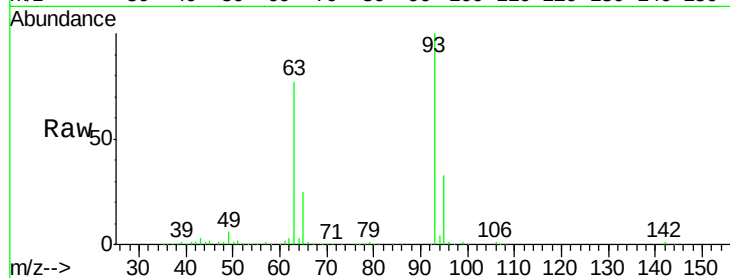




#11
bis(2-Chloroethyl)ether
Concen: 42.71 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

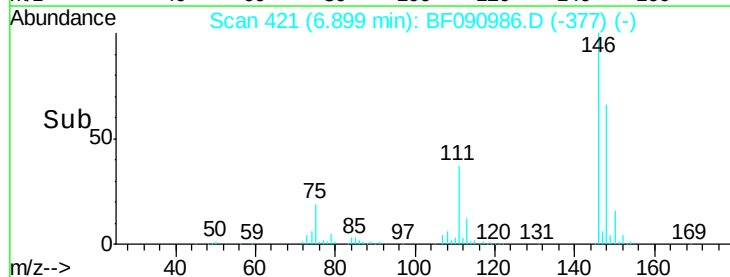
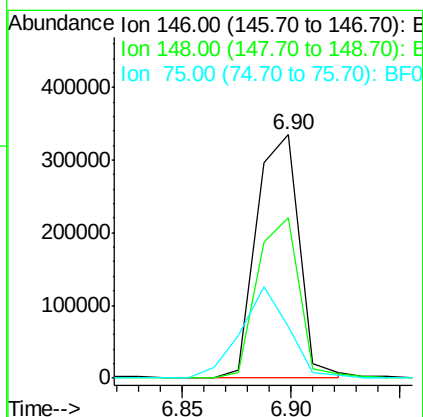
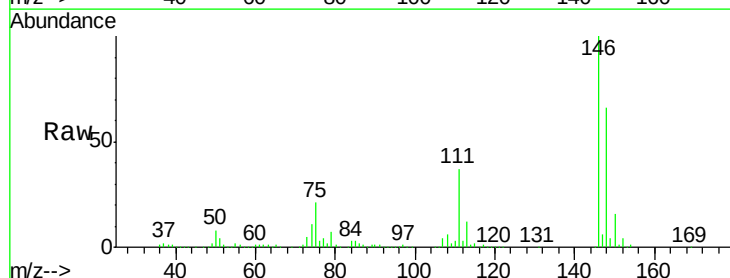
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

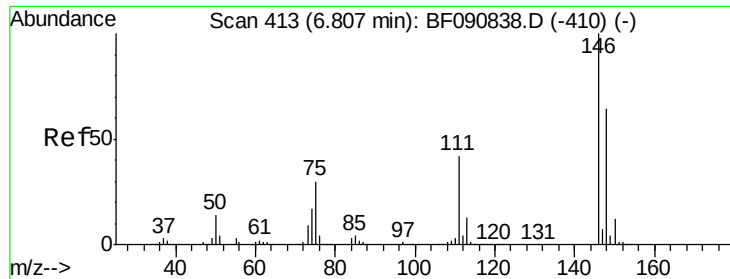
Tgt Ion: 93 Resp: 448240
Ion Ratio Lower Upper
93 100
63 77.2 65.6 105.6
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.43 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.21 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 146 Resp: 456781
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.4
75 20.9 15.0 22.6

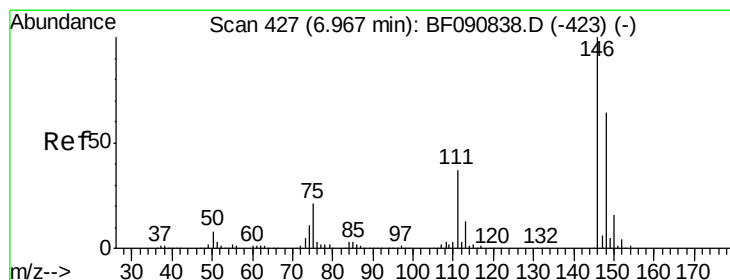
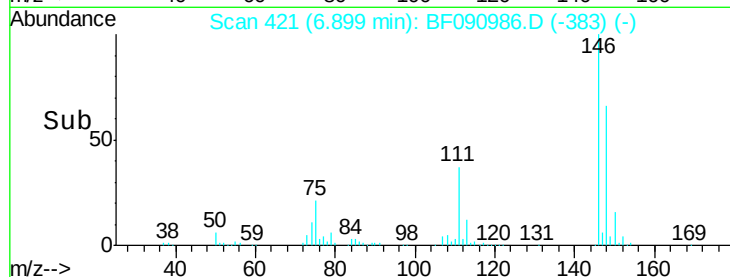
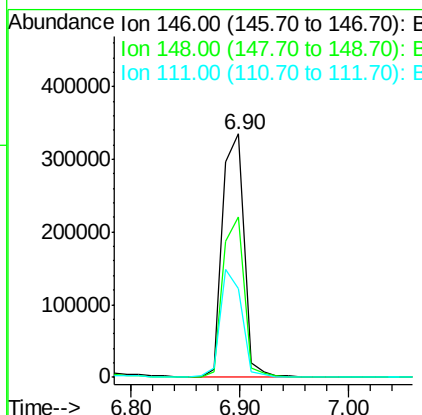
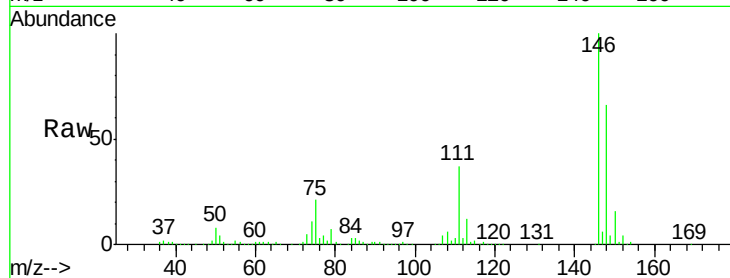




#13
 1,4-Dichlorobenzene
 Concen: 40.69 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.14 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

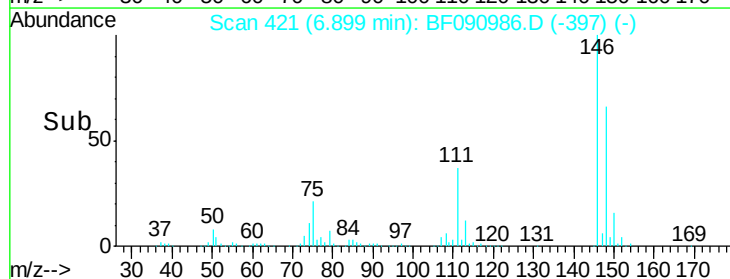
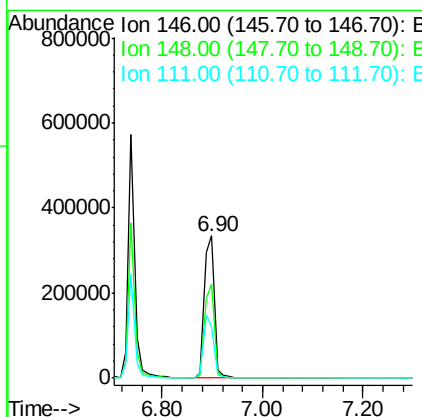
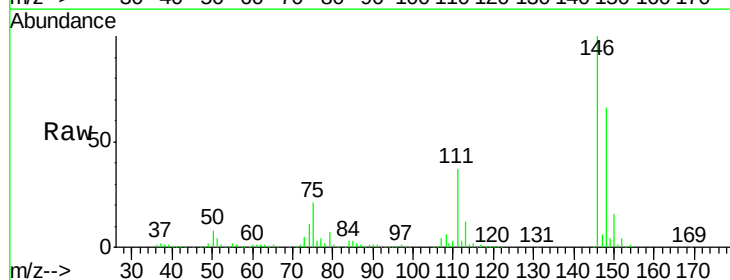
Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0MS

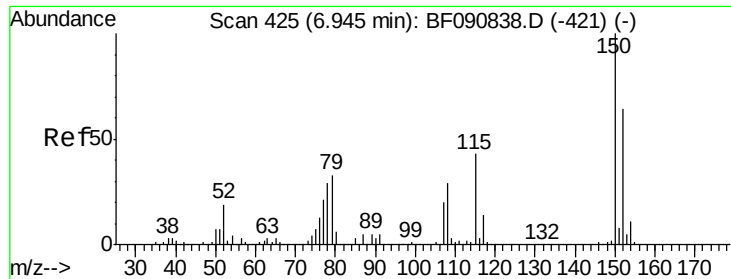
Tgt Ion:146 Resp: 460685
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 36.6 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 43.46 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

Tgt Ion:146 Resp: 471739
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.7 79.1
 111 36.6 28.8 43.2

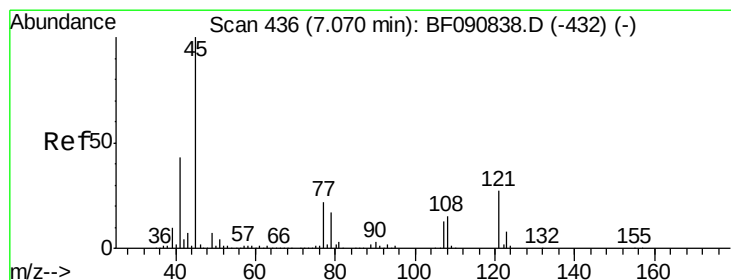
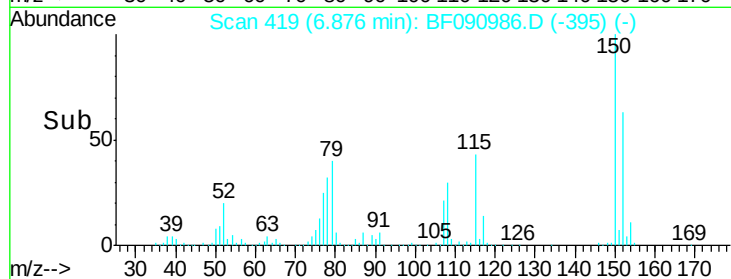
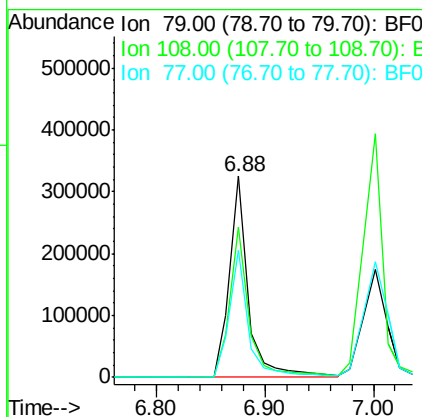
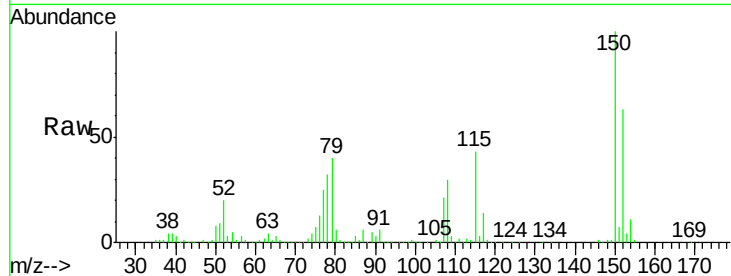




#15
Benzyl Alcohol
Concen: 52.04 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

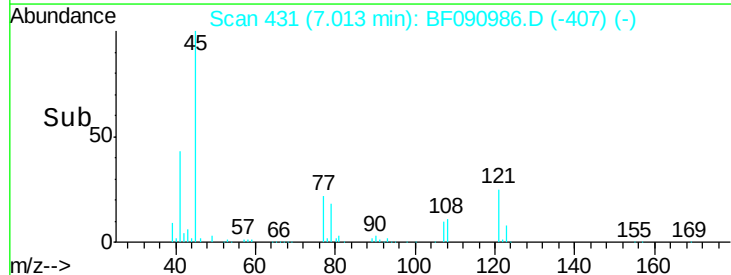
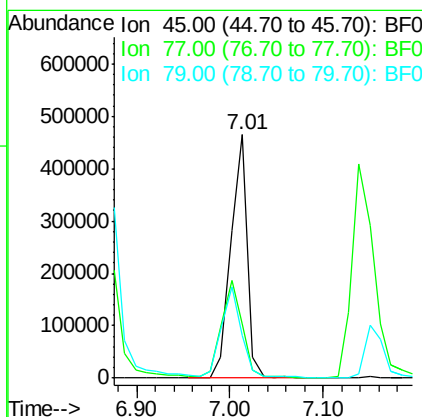
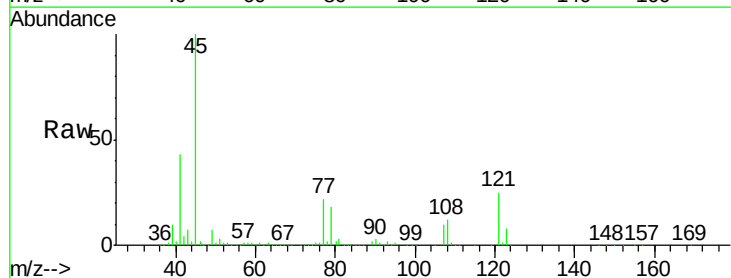
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

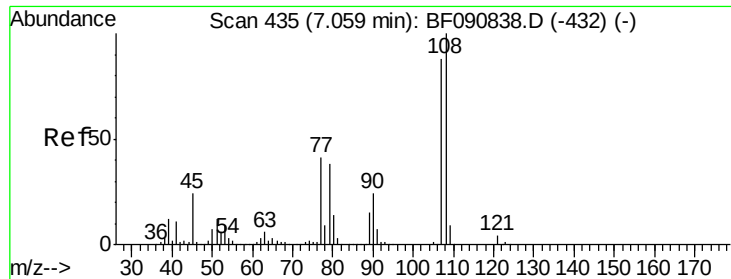
Tgt Ion: 79 Resp: 393456
Ion Ratio Lower Upper
79 100
108 74.4 88.6 132.8#
77 63.2 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 54.96 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 45 Resp: 574044
Ion Ratio Lower Upper
45 100
77 22.1 0.0 28.1
79 17.7 0.0 26.0

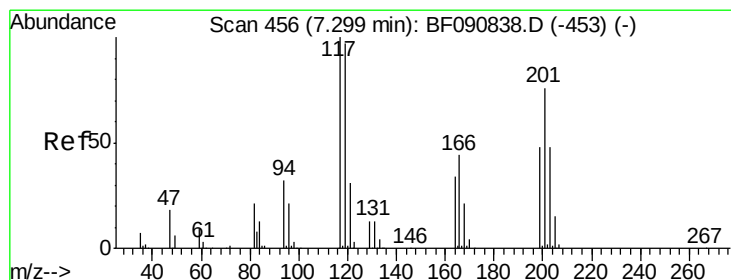
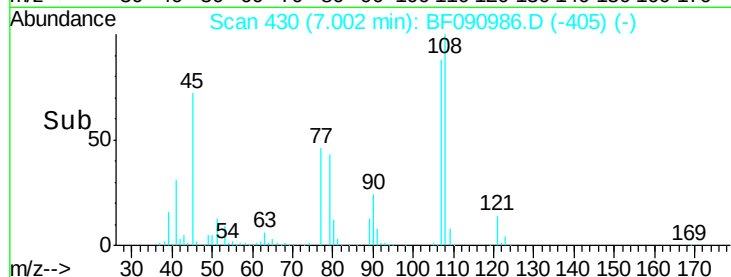
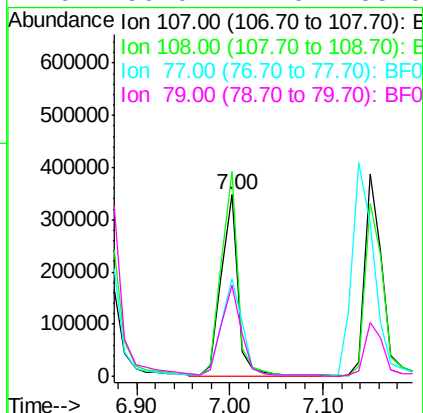
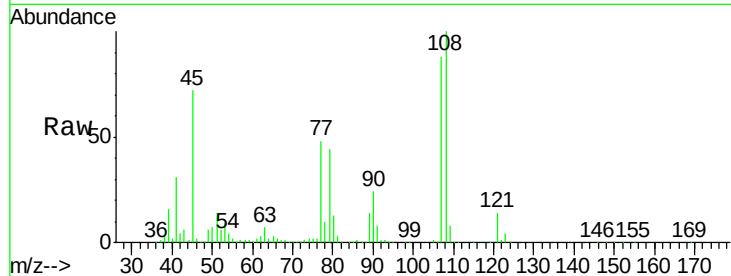




#17
2-Methylphenol
Concen: 53.42 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

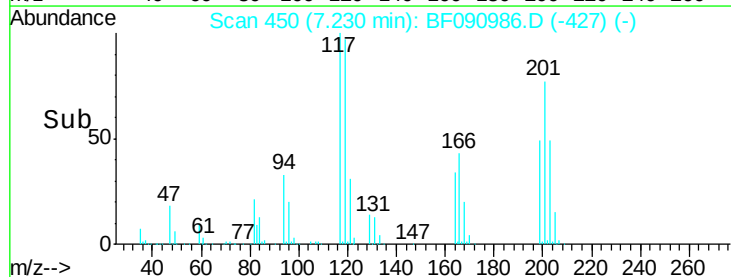
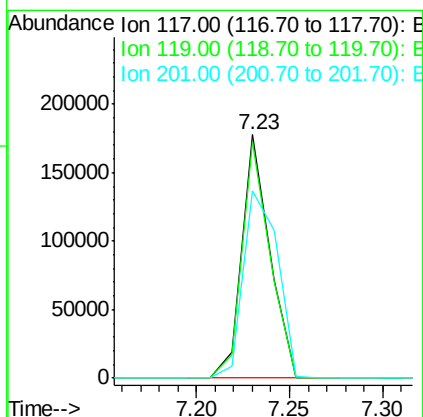
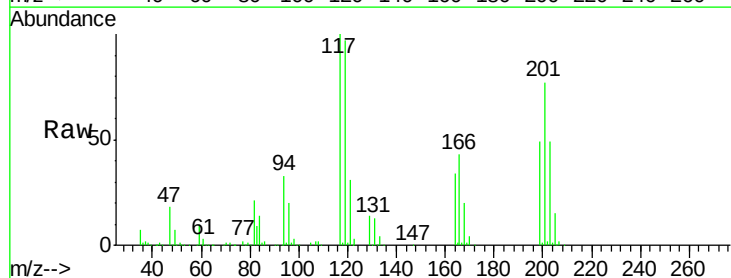
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

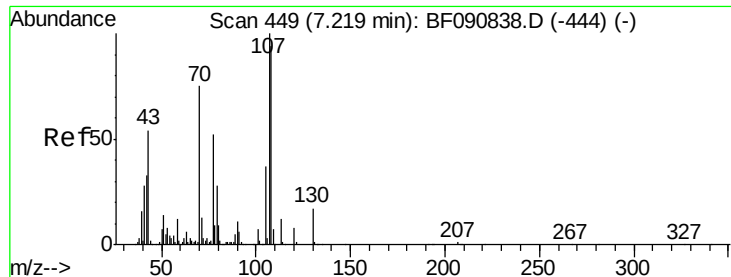
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	54.0	23.3	34.9#
79	50.0	22.0	33.0#



#18
Hexachloroethane
Concen: 44.60 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	83.8	125.6
201	76.7	55.1	82.7

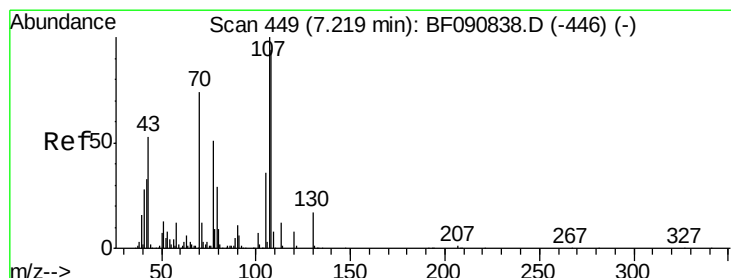
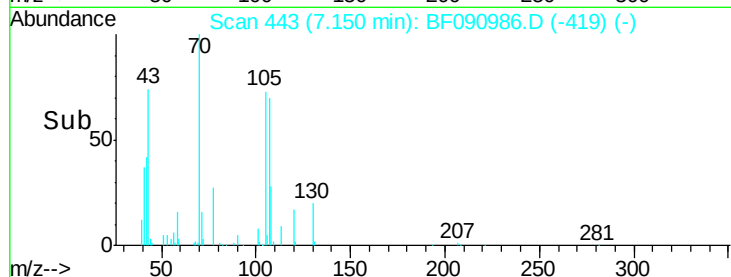
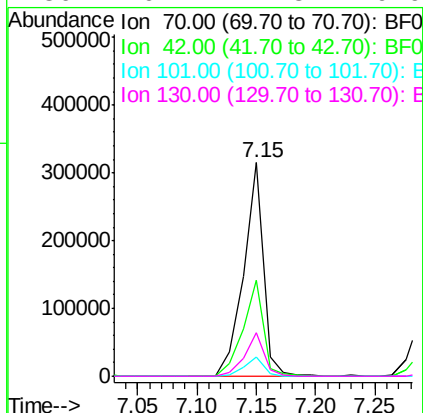
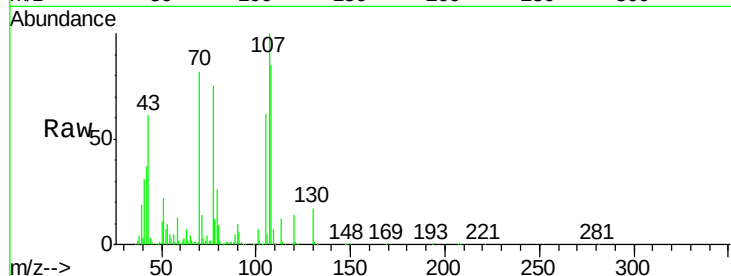




#19
n-Nitroso-di-n-propylamine
Concen: 55.47 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

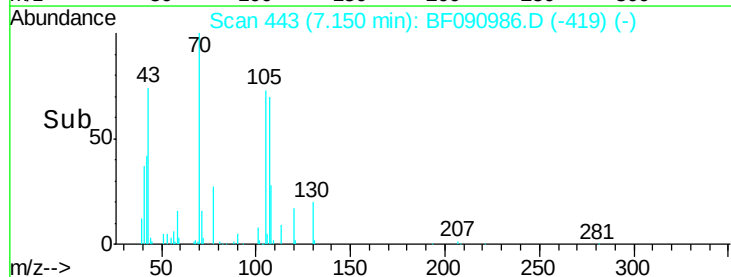
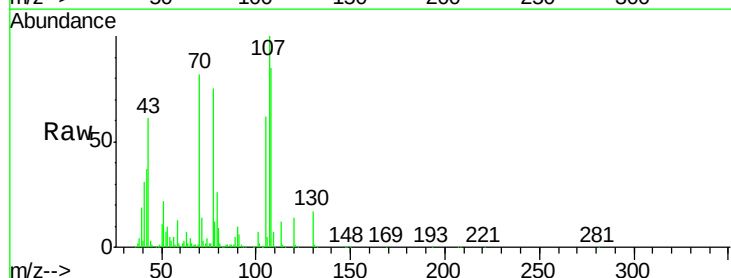
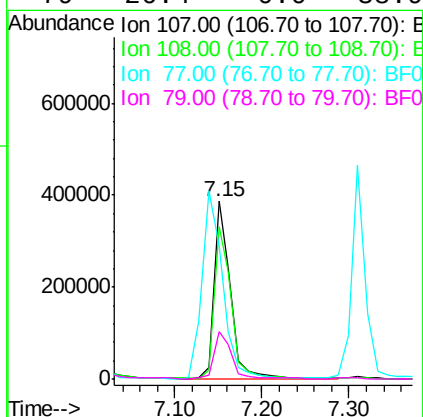
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

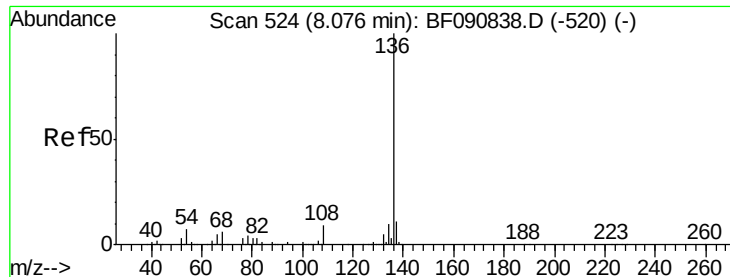
Tgt Ion: 70 Resp: 369147
Ion Ratio Lower Upper
70 100
42 44.9 63.8 95.6#
101 8.9 9.2 13.8#
130 20.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 54.53 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 107 Resp: 505487
Ion Ratio Lower Upper
107 100
108 85.5 74.6 114.6
77 75.3 0.7 40.7#
79 26.4 0.0 38.9

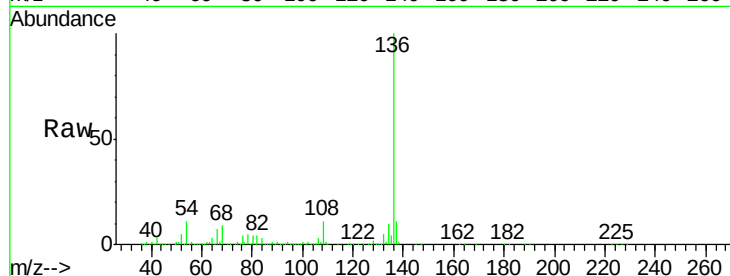




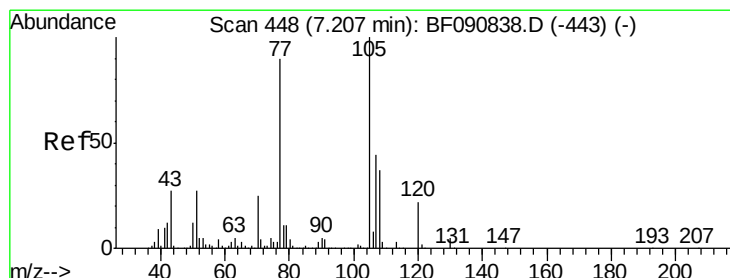
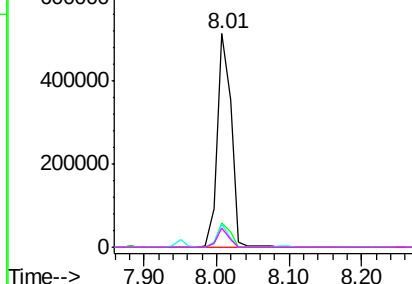
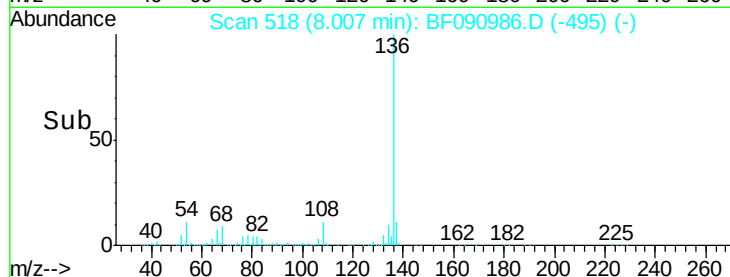
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Tgt Ion:	136	Resp:	679083
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.9	8.2	12.2
68	9.1	5.8	8.6#

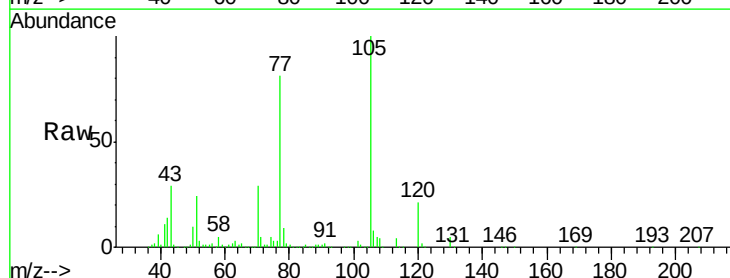


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

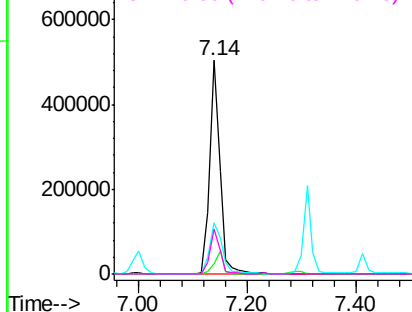
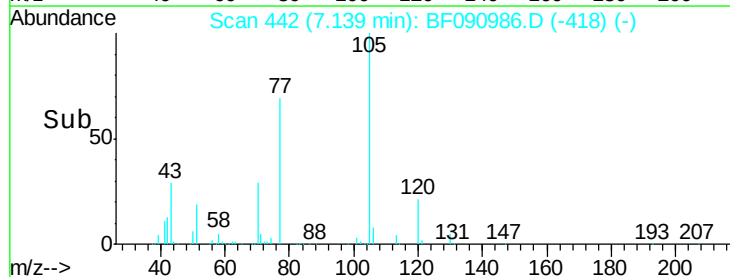


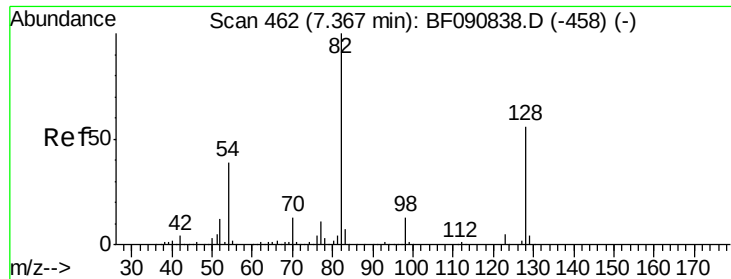
#22
Acetophenone
Concen: 48.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:	105	Resp:	670614
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.7	7.1
51	23.9	22.0	33.0
120	21.3	30.1	45.1#



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

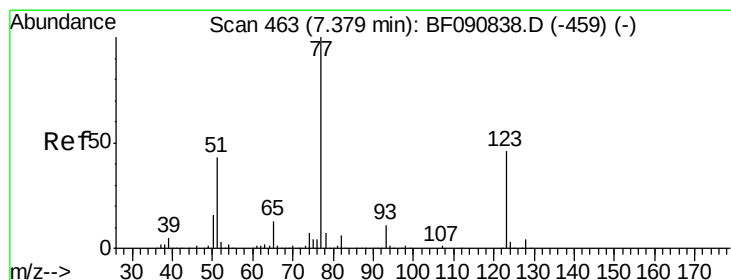
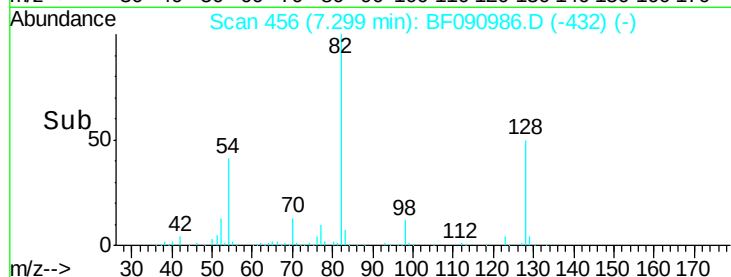
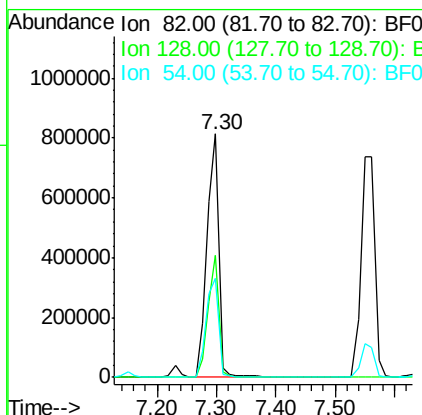
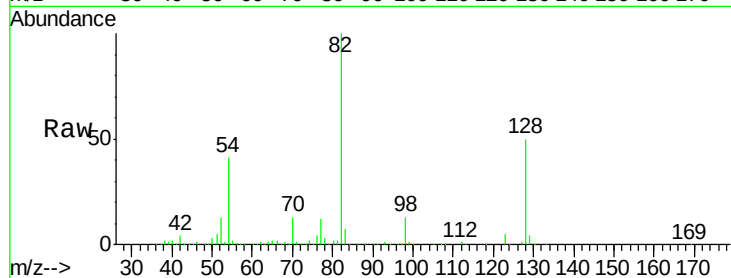




#23
 Nitrobenzene-d5
 Concen: 110.31 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

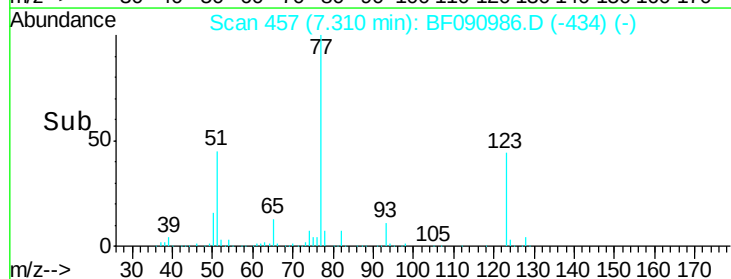
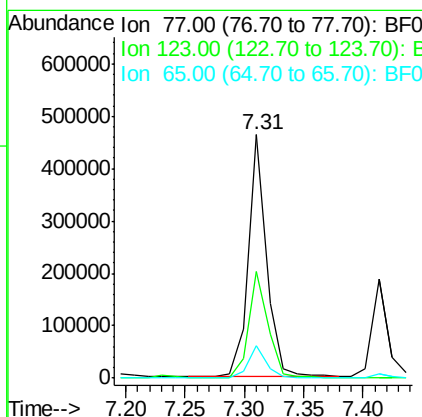
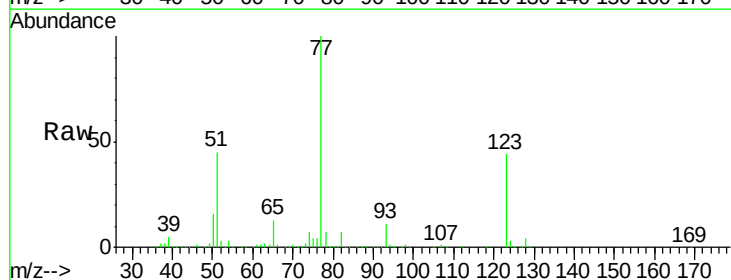
Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0MS

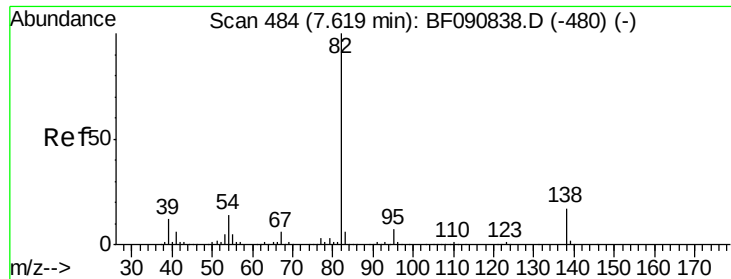
Tgt Ion: 82 Resp: 1144300
 Ion Ratio Lower Upper
 82 100
 128 50.2 51.0 76.6#
 54 40.8 47.5 71.3#



#24
 Nitrobenzene
 Concen: 45.69 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

Tgt Ion: 77 Resp: 501345
 Ion Ratio Lower Upper
 77 100
 123 44.0 59.8 89.8#
 65 13.4 10.2 15.4





#25

Isophorone

Concen: 56.45 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

Instrument :

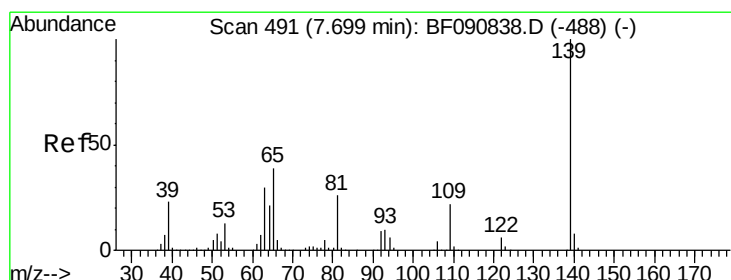
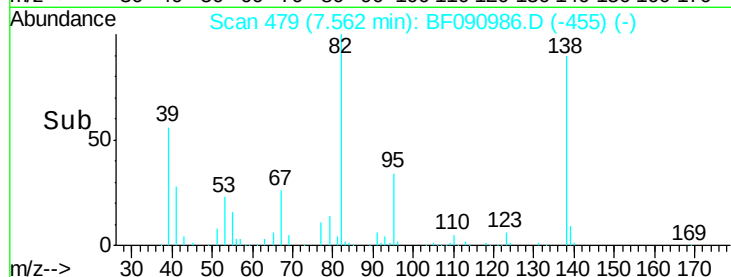
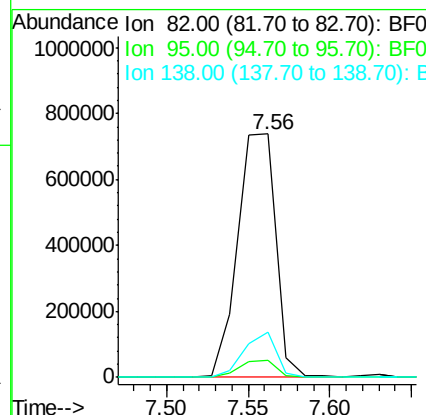
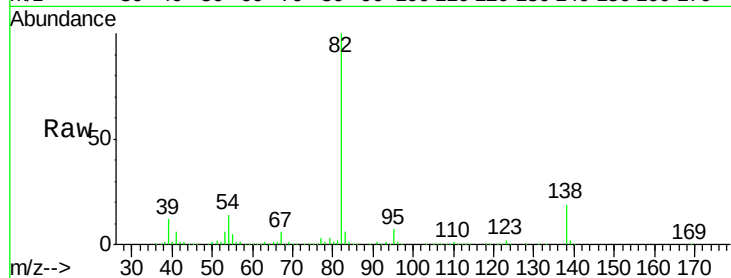
BNA_F

ClientSampleId :

SB-91-24.5-25.0MS

Tgt Ion: 82 Resp: 1188443

Ion	Ratio	Lower	Upper
82	100		
95	6.9	4.0	6.0#
138	18.5	18.3	27.5



#26

2-Nitrophenol

Concen: 50.17 ng

RT: 7.63 min Scan# 485

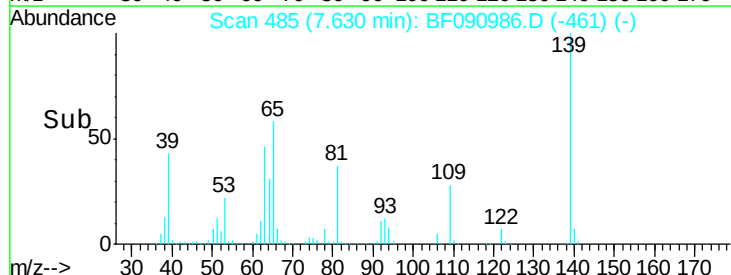
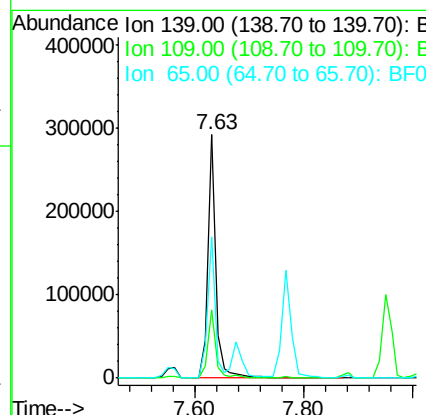
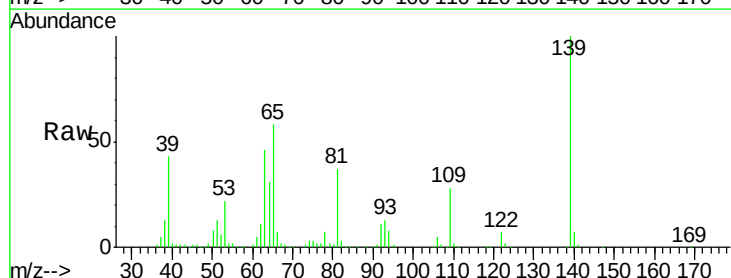
Delta R.T. -0.02 min

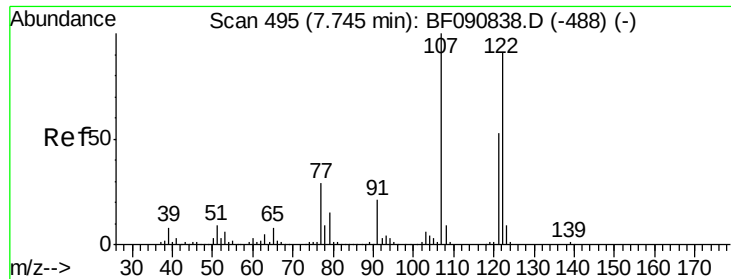
Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

Tgt Ion: 139 Resp: 294905

Ion	Ratio	Lower	Upper
139	100		
109	28.0	11.0	16.4#
65	58.0	24.7	37.1#

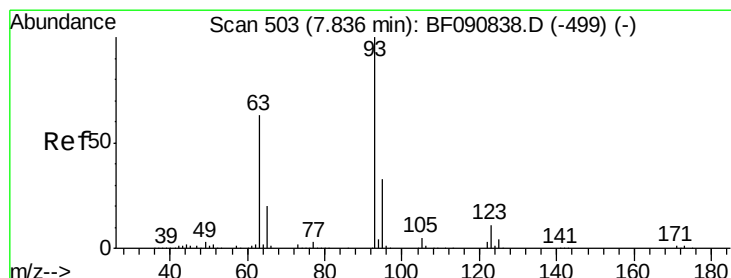
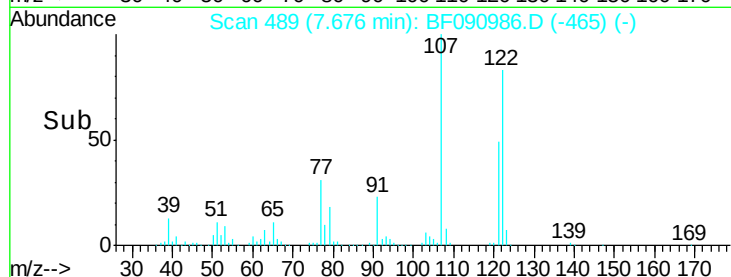
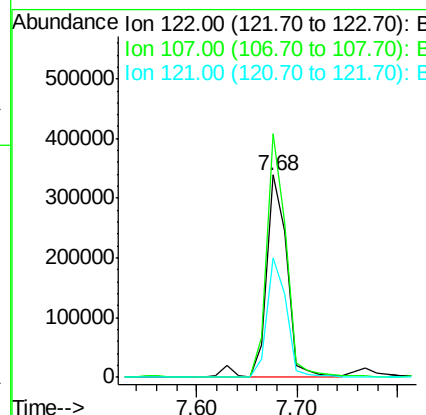
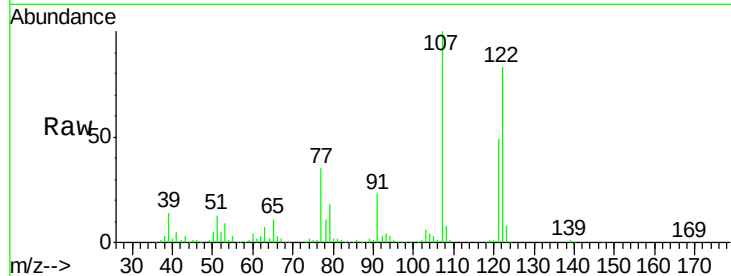




#27
 2,4-Dimethylphenol
 Concen: 51.24 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

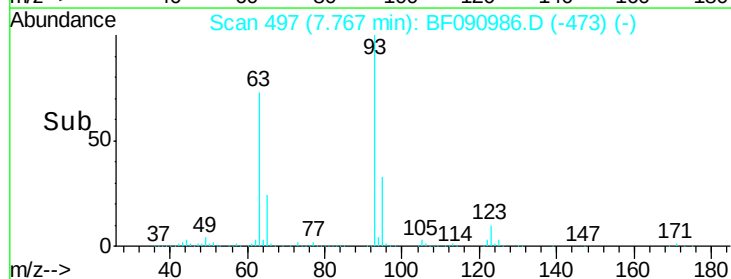
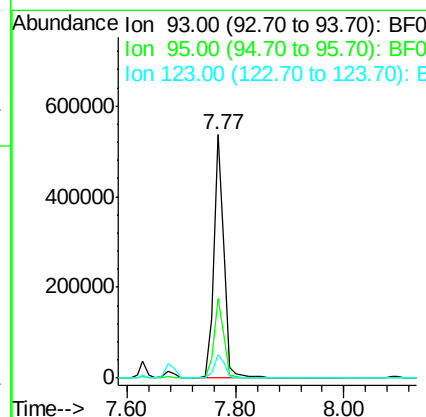
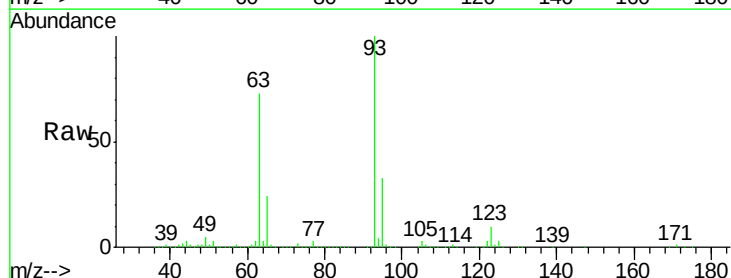
Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0MS

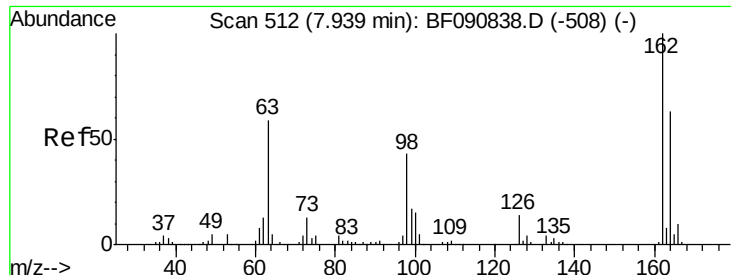
Tgt Ion:122 Resp: 487665
 Ion Ratio Lower Upper
 122 100
 107 120.2 71.8 107.6#
 121 58.7 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.84 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF090986.D
 Acq: 2 Nov 2016 18:13

Tgt Ion: 93 Resp: 680574
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 9.6 13.7 20.5#

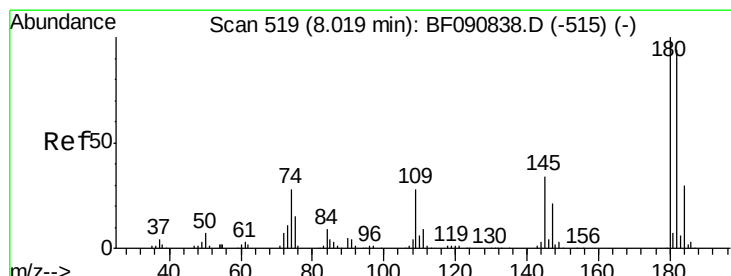
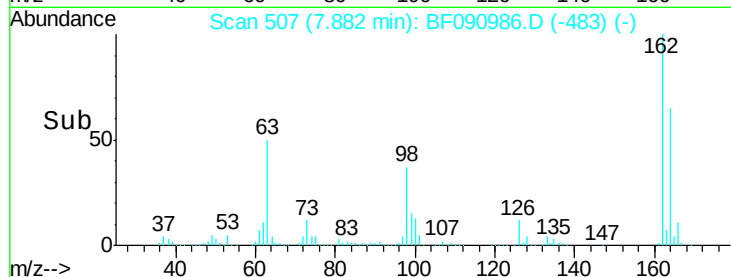
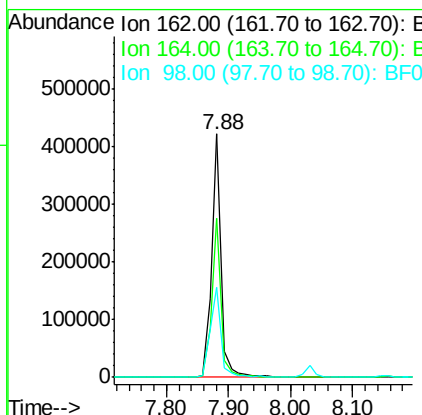
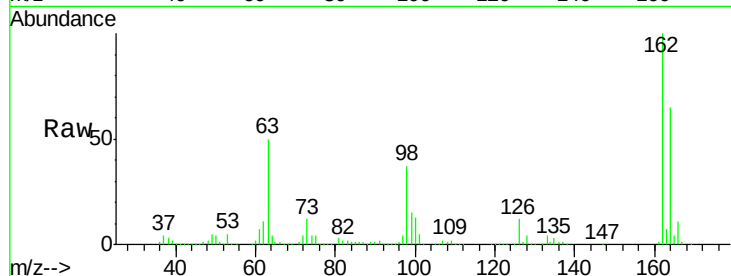




#29
2,4-Dichlorophenol
Concen: 50.56 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

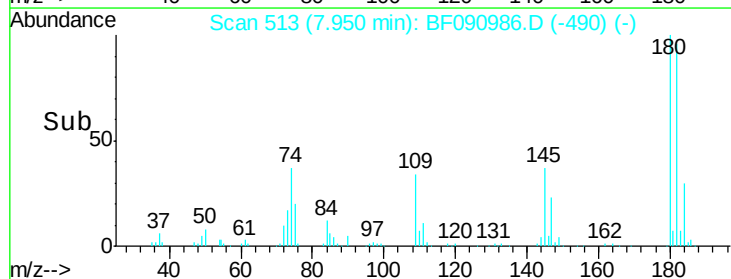
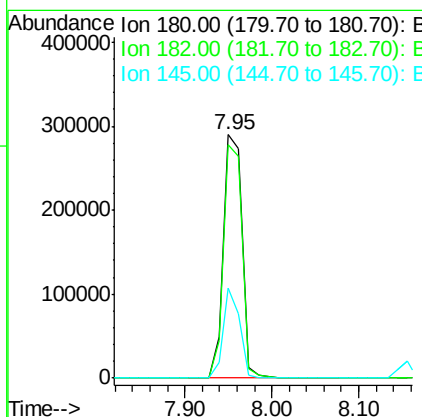
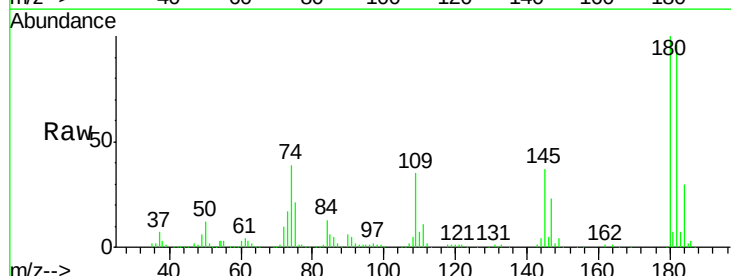
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

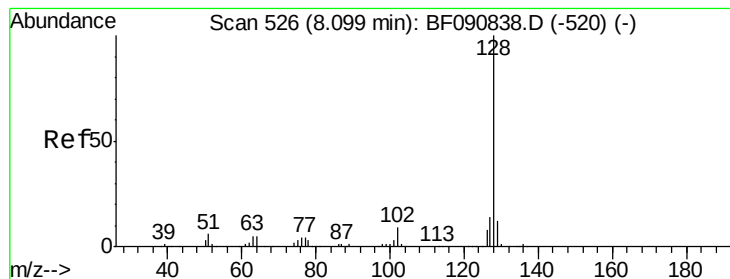
Tgt Ion:162 Resp: 445494
Ion Ratio Lower Upper
162 100
164 65.1 44.9 84.9
98 37.1 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 42.83 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:180 Resp: 436111
Ion Ratio Lower Upper
180 100
182 95.7 77.1 115.7
145 37.0 23.3 34.9#





#31

Naphthalene

Concen: 45.84 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0MS

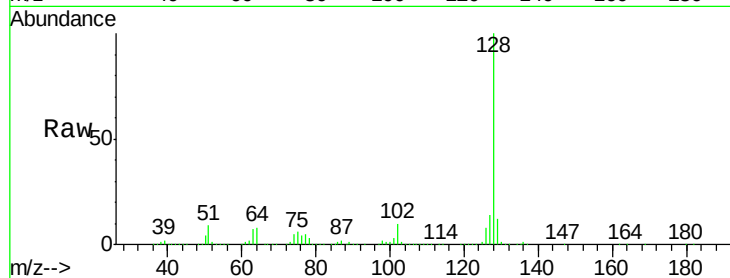
Tgt Ion:128 Resp: 1455216

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

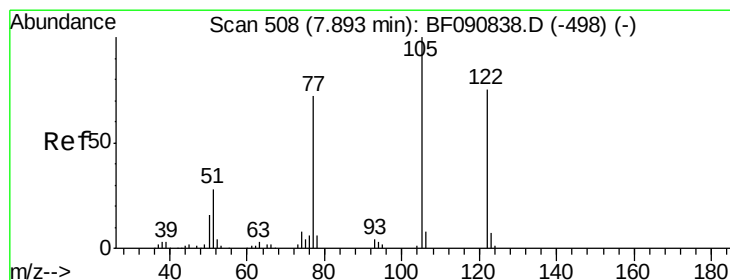
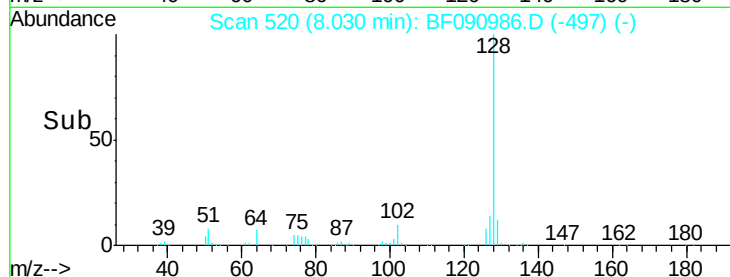
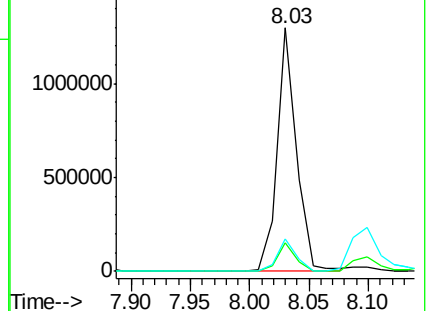
127 13.5 9.9 14.9



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: 4.01 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.07 min

Lab File: BF090986.D

Acq: 2 Nov 2016 18:13

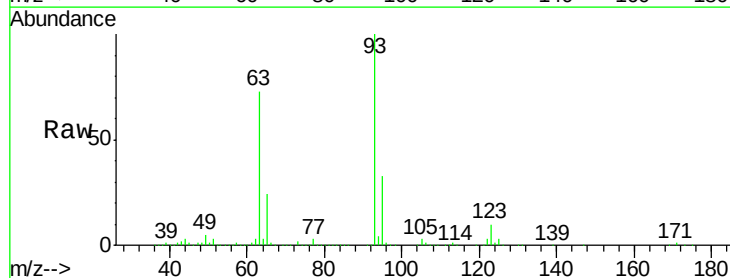
Tgt Ion:122 Resp: 27704

Ion Ratio Lower Upper

122 100

105 117.2 76.1 116.1#

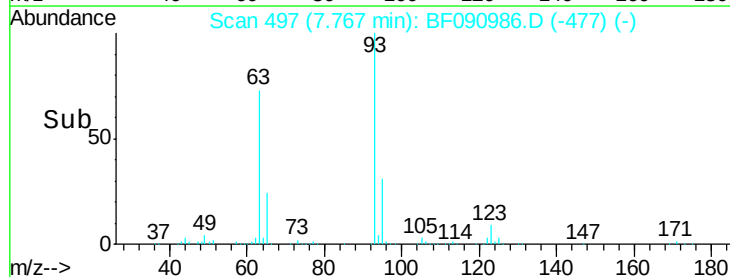
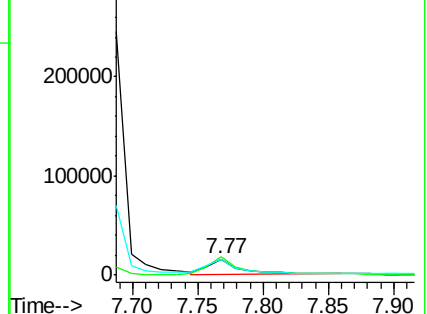
77 103.0 40.5 80.5#

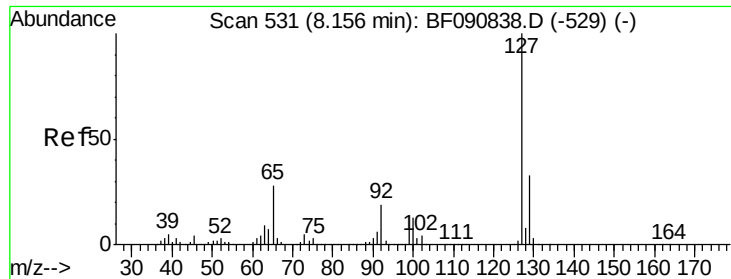


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

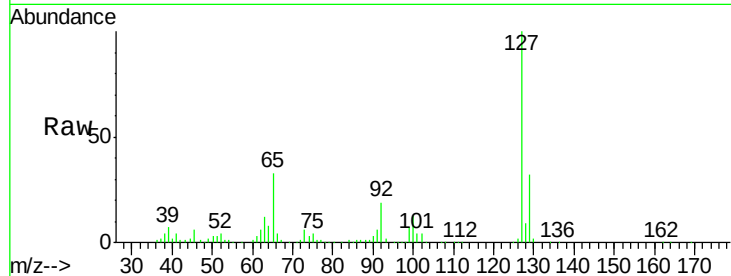




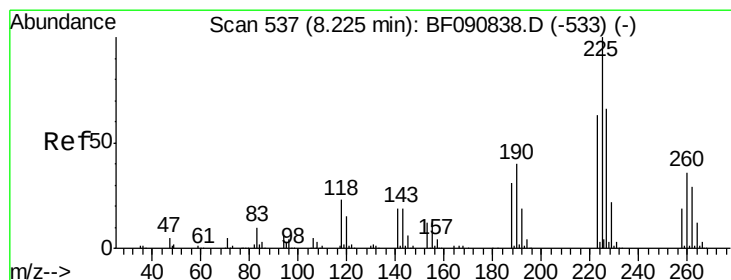
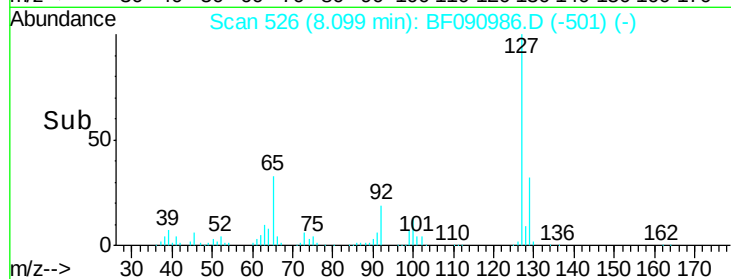
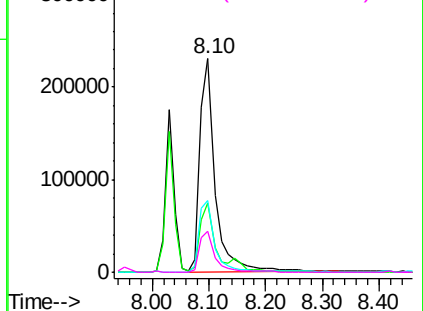
#33
4-Chloroaniline
Concen: 32.70 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Tgt Ion:	127	Resp:	419353
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	33.4	17.9	26.9#
92	19.3	10.5	15.7#

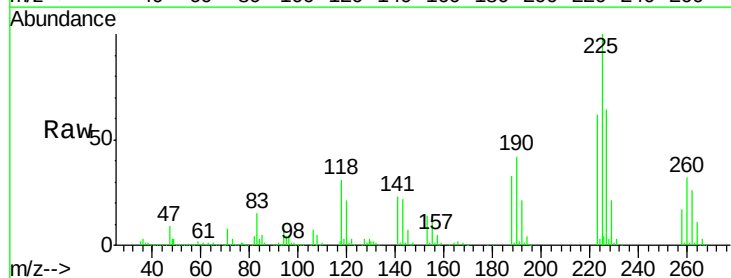


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 42.95 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:	225	Resp:	257155
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.2
227	63.7	52.2	78.2



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

