

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091104.D
 Acq On : 9 Nov 2016 2:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 09 02:48:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166412	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	714087	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	358602	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	492980	20.00	ng	0.00
75) Chrysene-d12	13.81	240	348743	20.00	ng	0.00
86) Perylene-d12	15.19	264	360380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	851719	84.53	ng	0.00
7) Phenol-d6	6.32	99	1097618	80.26	ng	0.00
23) Nitrobenzene-d5	7.24	82	1126483	86.05	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	224870	69.36	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1797890	86.32	ng	-0.01
78) Terphenyl-d14	12.76	244	1265945	90.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	235272	40.82	ng	96
3) Pyridine	2.77	79	579249	42.96	ng	98
4) n-Nitrosodimethylamine	2.73	42	227430	42.64	ng	95
6) Aniline	6.33	93	682780	42.32	ng	87
8) 2-Chlorophenol	6.45	128	513327	42.71	ng	84
9) Benzaldehyde	6.20	77	323640	42.64	ng	98
10) Phenol	6.33	94	569912	37.65	ng	89
11) bis(2-Chloroethyl)ether	6.41	93	556130	43.60	ng	94
12) 1,3-Dichlorobenzene	6.60	146	539854	44.41	ng	98
13) 1,4-Dichlorobenzene	6.68	146	553768	42.46	ng	98
14) 1,2-Dichlorobenzene	6.83	146	499824	41.76	ng	97
15) Benzyl Alcohol	6.82	79	397839	41.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	726623	39.79	ng	97
17) 2-Methylphenol	6.94	107	418277	43.96	ng	95
18) Hexachloroethane	7.17	117	206466	40.90	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	399885	42.19	ng	96
20) 3+4-Methylphenols	7.10	107	531784	46.55	ng	97
22) Acetophenone	7.08	105	677131	41.18	ng	# 96
24) Nitrobenzene	7.25	77	568262	39.31	ng	92
25) Isophorone	7.49	82	986601	39.11	ng	97
26) 2-Nitrophenol	7.57	139	274452	44.86	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	410425	40.56	ng	93
28) bis(2-Chloroethoxy)methane	7.71	93	563172	40.87	ng	99
29) 2,4-Dichlorophenol	7.82	162	371492	42.07	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	407311	41.02	ng	97
31) Naphthalene	7.97	128	1447636	42.39	ng	99
32) Benzoic acid	7.77	122	225058	30.57	ng	99
33) 4-Chloroaniline	8.03	127	583006	41.05	ng	# 92
34) Hexachlorobutadiene	8.10	225	232290	43.35	ng	97
35) Caprolactam	8.42	113	126648	45.65	ng	# 69
36) 4-Chloro-3-methylphenol	8.52	107	411043	38.45	ng	# 84
37) 2-Methylnaphthalene	8.66	142	866367	39.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	383557	41.95	ng	99
40) Hexachlorocyclopentadiene	8.82	237	38108	16.69	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	250824	42.50	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	258277	41.68	ng #	85
45) 1,1'-Biphenyl	9.13	154	1104916	42.20	ng	100
46) 2-Chloronaphthalene	9.15	162	846401	42.58	ng	100
47) 2-Nitroaniline	9.25	65	309567	41.96	ng	89
48) Acenaphthylene	9.56	152	1280079	41.32	ng	100
49) Dimethylphthalate	9.44	163	927438	39.44	ng	99
50) 2,6-Dinitrotoluene	9.50	165	207437	41.16	ng #	53
51) Acenaphthene	9.73	154	761307	39.14	ng	100
52) 3-Nitroaniline	9.66	138	224371	37.55	ng	90
53) 2,4-Dinitrophenol	9.78	184	30664	16.56	ng #	41
54) Dibenzofuran	9.90	168	1039829	39.71	ng	98
55) 4-Nitrophenol	9.85	139	111358	31.71	ng	92
56) 2,4-Dinitrotoluene	9.90	165	276943	43.19	ng #	86
57) Fluorene	10.25	166	891652	41.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	197097	40.60	ng	99
59) Diethylphthalate	10.13	149	1023270	42.44	ng	100
60) 4-Chlorophenyl-phenylether	10.25	204	410346	42.13	ng	97
61) 4-Nitroaniline	10.28	138	243890	40.34	ng	100
62) Azobenzene	10.40	77	1061548	37.40	ng	82
64) 4,6-Dinitro-2-methylphenol	10.32	198	58676	19.44	ng	86
65) n-Nitrosodiphenylamine	10.36	169	691948	44.16	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	237045	46.23	ng #	89
67) Hexachlorobenzene	10.80	284	271362	47.98	ng #	89
68) Atrazine	10.90	200	216624	47.92	ng	99
69) Pentachlorophenol	10.99	266	90600	36.17	ng	99
70) Phenanthrene	11.21	178	1125015	42.93	ng	98
71) Anthracene	11.25	178	1127059	40.45	ng	100
72) Carbazole	11.41	167	982290	39.12	ng	99
73) Di-n-butylphthalate	11.76	149	1443784	45.72	ng	99
74) Fluoranthene	12.39	202	992139	36.50	ng	95
76) Benzidine	12.51	184	298637	38.33	ng	99
77) Pyrene	12.61	202	1025604	44.91	ng	99
79) Butylbenzylphthalate	13.24	149	536488	49.11	ng	88
80) Benzo(a)anthracene	13.80	228	835739	42.21	ng	98
81) 3,3'-Dichlorobenzidine	13.77	252	330980	47.58	ng #	98
82) Chrysene	13.84	228	855537	43.82	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	706860	47.81	ng #	98
84) Di-n-octyl phthalate	14.41	149	1066436	43.87	ng	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	763938	47.16	ng	99
87) Benzo(b)fluoranthene	14.83	252	1686491	69.00	ng	98
88) Benzo(k)fluoranthene	14.83	252	1686491	78.66	ng	97
89) Benzo(a)pyrene	15.13	252	851818	40.03	ng #	96
90) Dibenzo(a,h)anthracene	16.49	278	676168	36.76	ng	96
91) Benzo(g,h,i)perylene	16.85	276	573277	34.46	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

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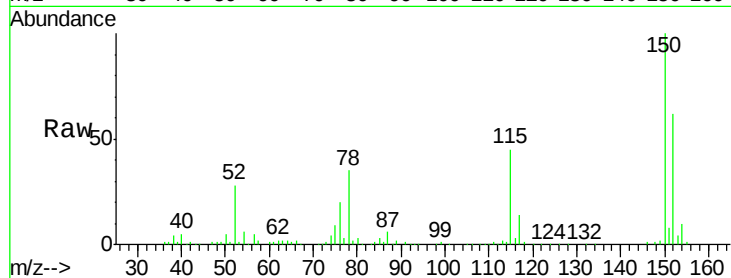
Tgt Ion:152 Resp: 166412

Ion Ratio Lower Upper

152 100

150 161.1 126.8 190.2

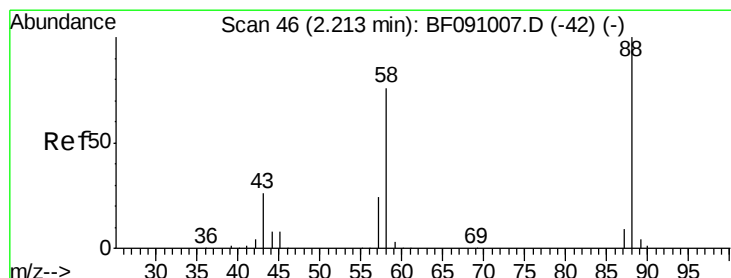
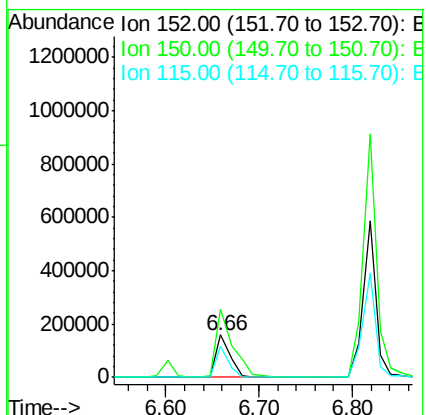
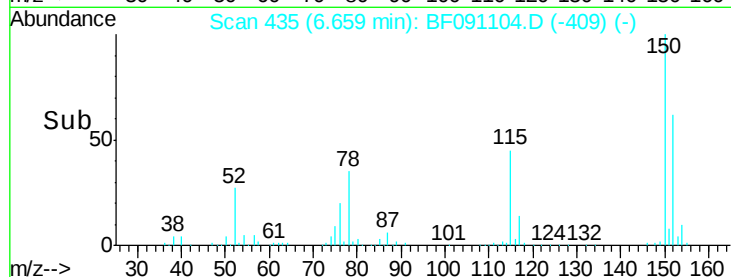
115 72.3 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.82 ng

RT: 2.12 min Scan# 38

Delta R.T. -0.02 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

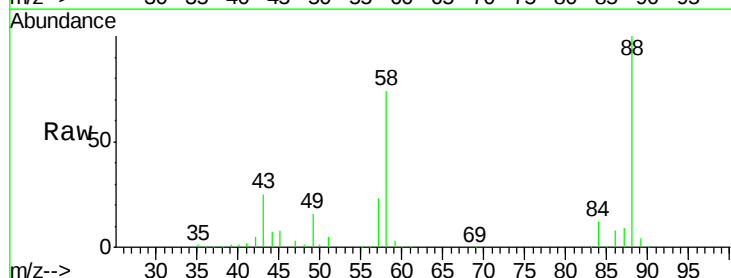
Tgt Ion: 88 Resp: 235272

Ion Ratio Lower Upper

88 100

58 75.9 63.8 95.6

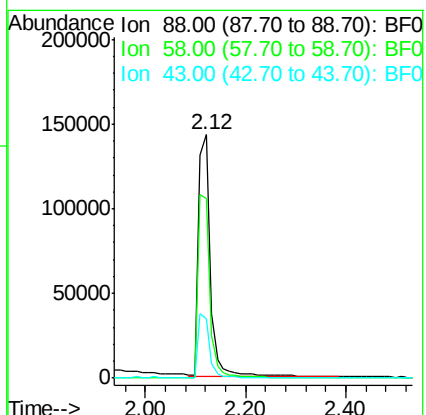
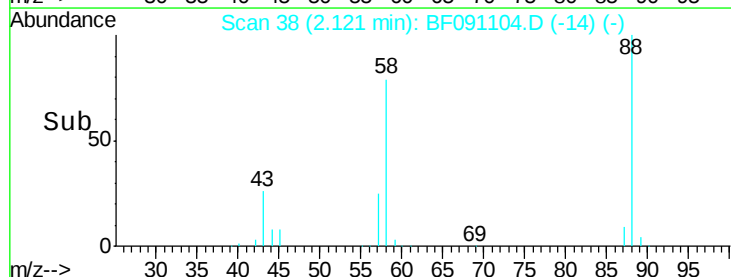
43 26.8 22.6 33.8

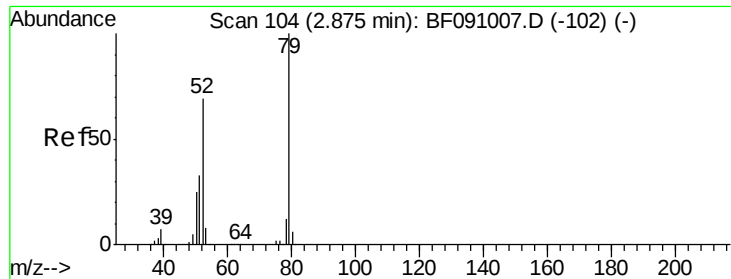


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.96 ng

RT: 2.77 min Scan# 95

Delta R.T. -0.01 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

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ClientSampleId :

SSTDCCC040

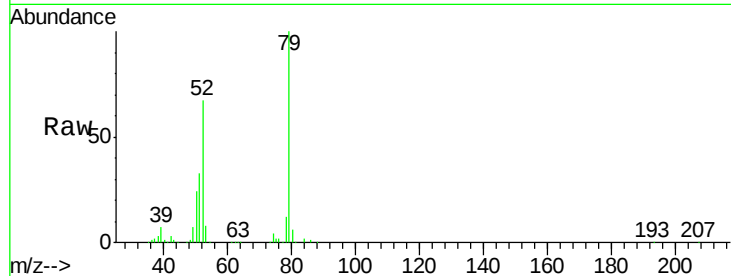
Tgt Ion: 79 Resp: 579249

Ion Ratio Lower Upper

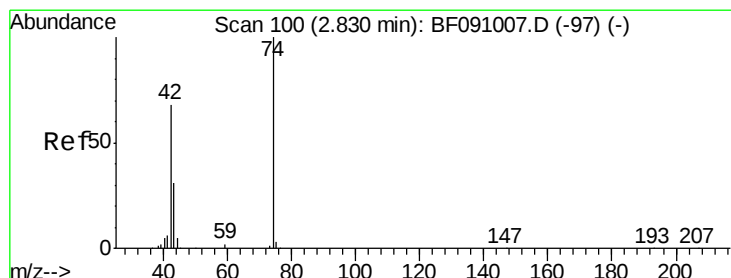
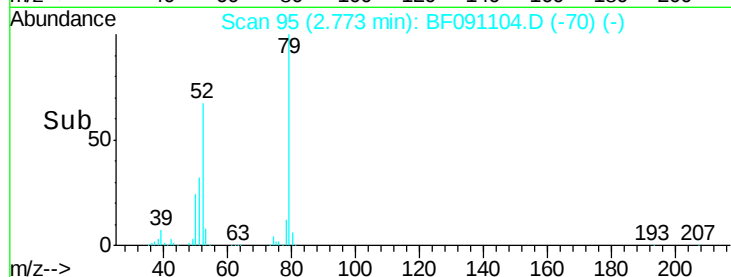
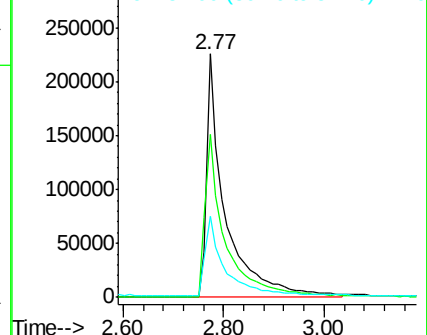
79 100

52 67.1 55.4 83.0

51 33.1 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: 42.64 ng

RT: 2.73 min Scan# 91

Delta R.T. -0.02 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

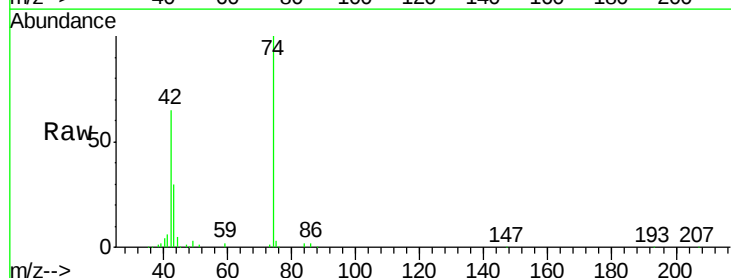
Tgt Ion: 42 Resp: 227430

Ion Ratio Lower Upper

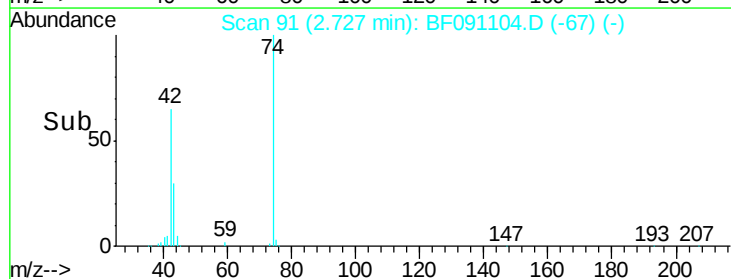
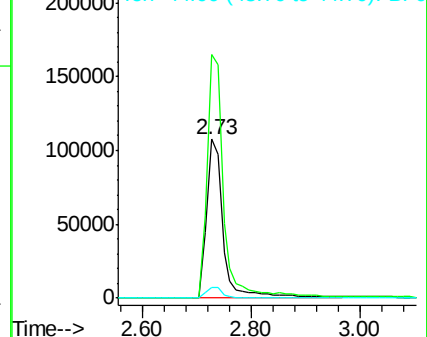
42 100

74 153.6 117.3 175.9

44 7.1 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: 84.53 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

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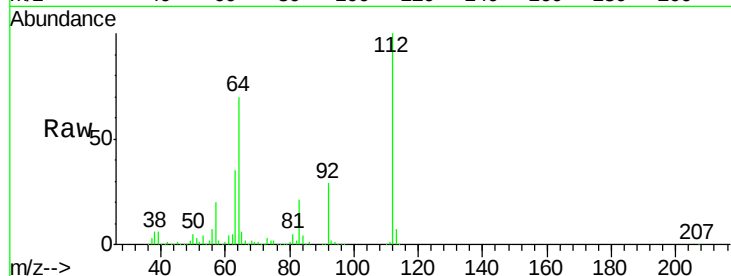
Tgt Ion: 112 Resp: 851719

Ion Ratio Lower Upper

112 100

64 70.1 55.8 83.6

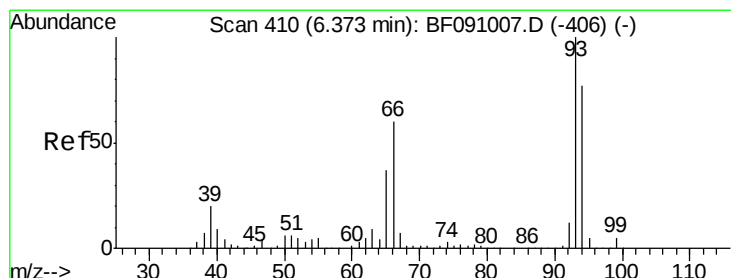
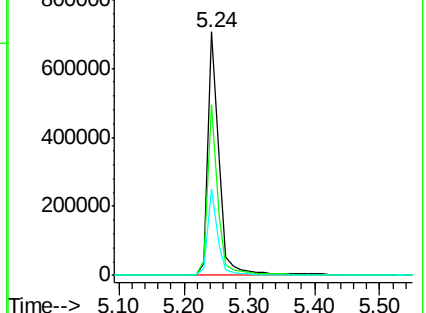
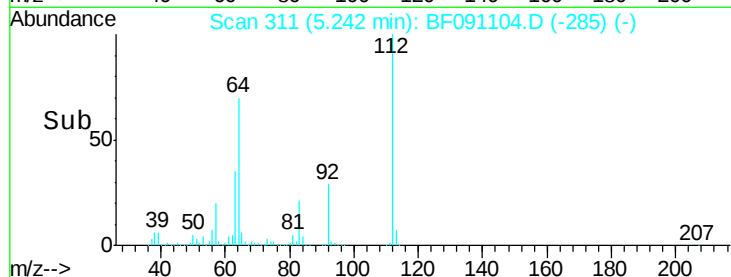
63 35.2 28.0 42.0



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: 42.32 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

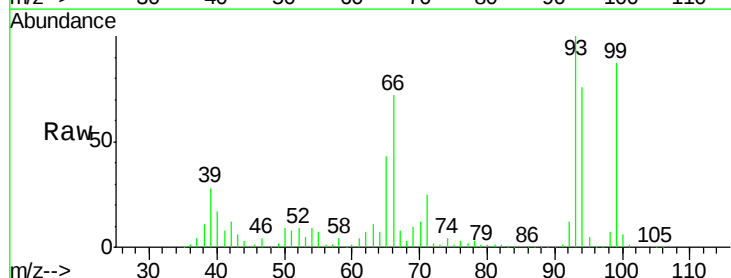
Tgt Ion: 93 Resp: 682780

Ion Ratio Lower Upper

93 100

66 71.7 48.2 72.2

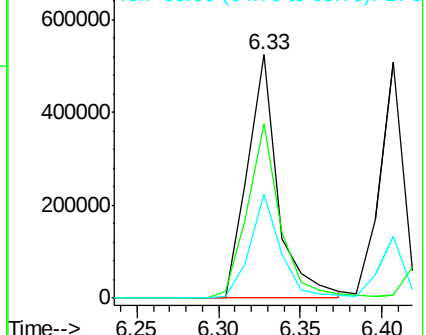
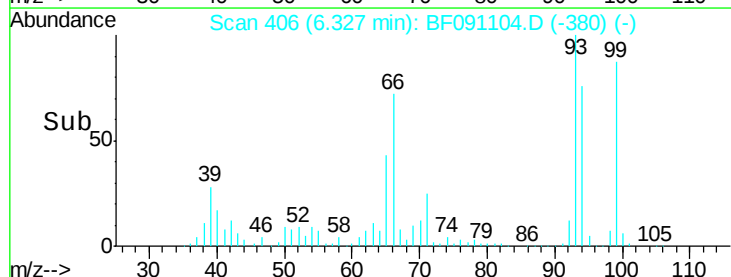
65 43.0 29.4 44.0

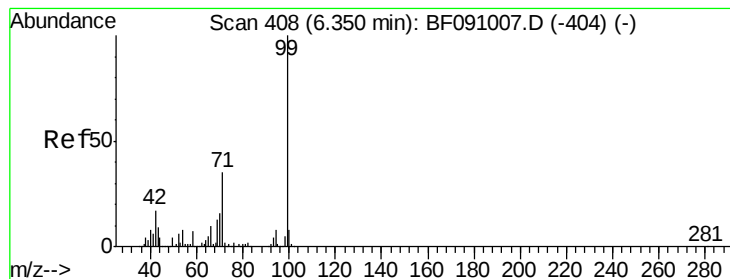


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.26 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

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ClientSampled :

SSTDCCC040

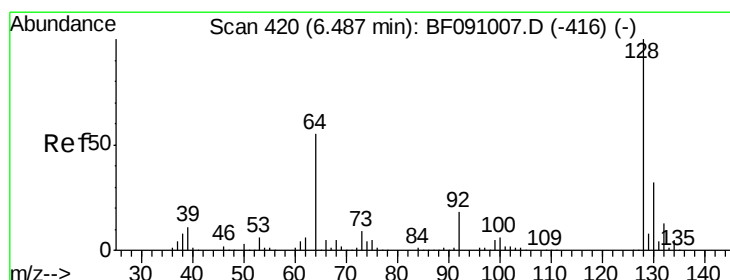
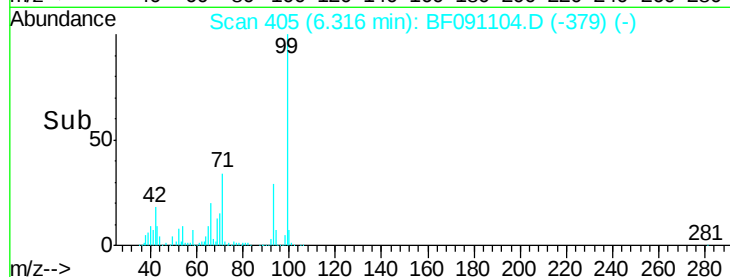
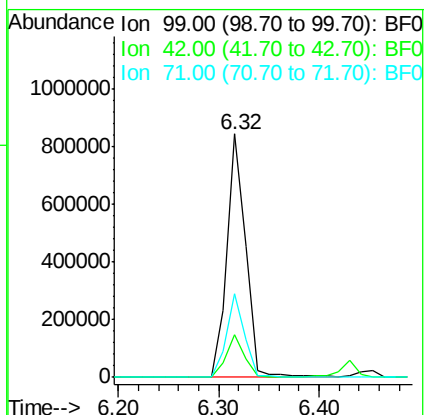
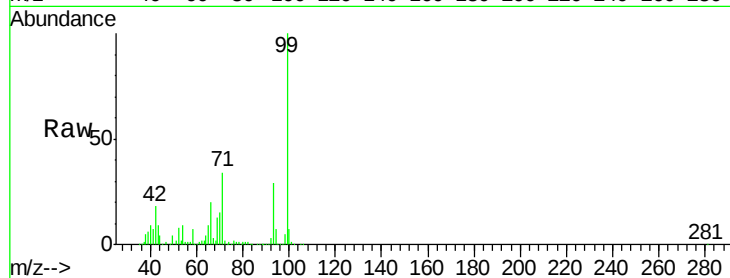
Tgt Ion: 99 Resp: 1097618

Ion Ratio Lower Upper

99 100

42 17.7 13.9 20.9

71 34.5 27.8 41.8



#8

2-Chlorophenol

Concen: 42.71 ng

RT: 6.45 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

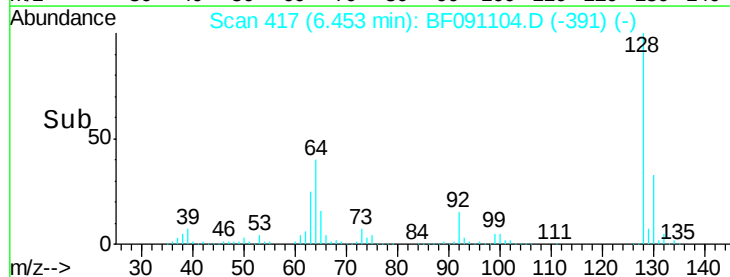
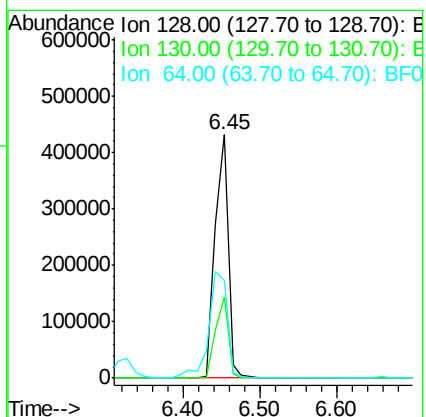
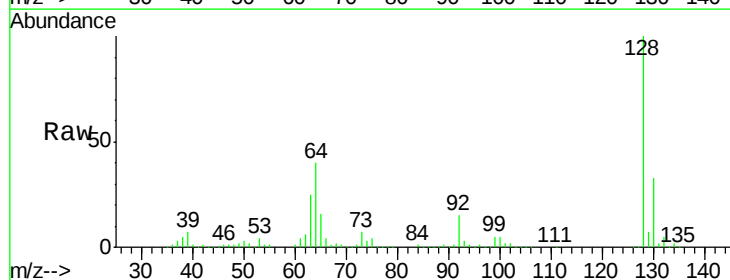
Tgt Ion: 128 Resp: 513327

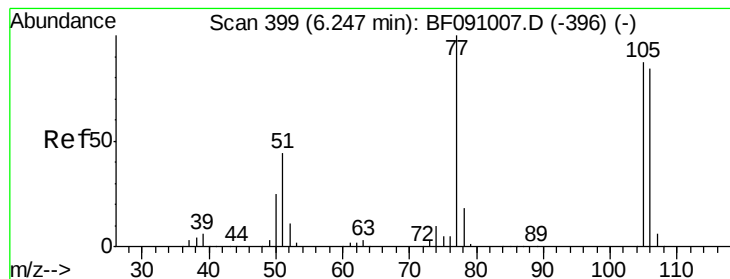
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 39.9 37.2 77.2





#9

Benzaldehyde

Concen: 42.64 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

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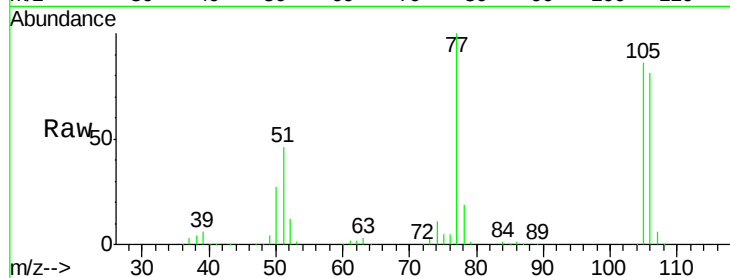
Tgt Ion: 77 Resp: 323640

Ion Ratio Lower Upper

77 100

105 85.5 66.8 106.8

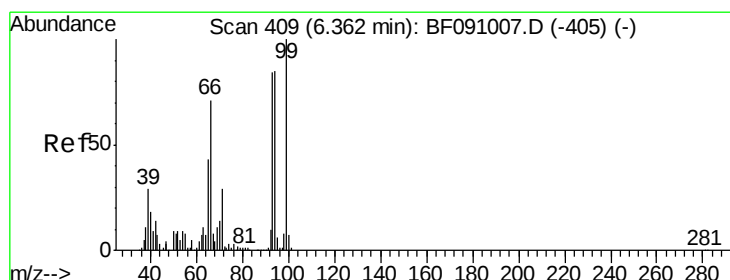
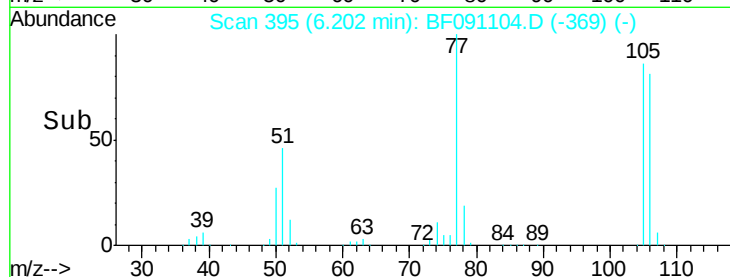
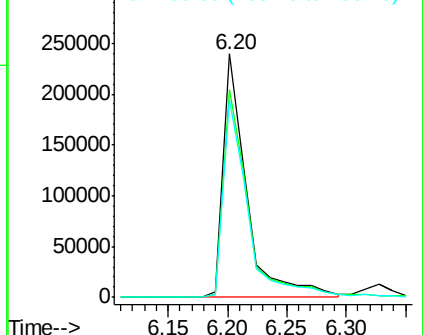
106 81.2 64.0 104.0



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: 37.65 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

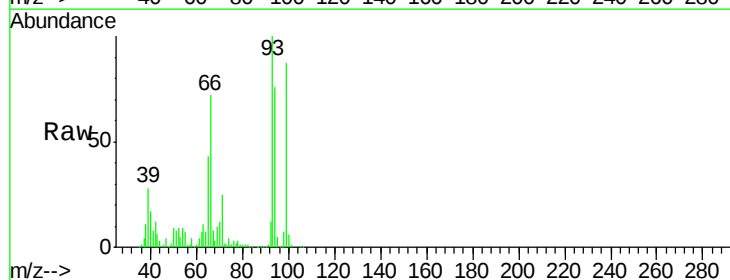
Tgt Ion: 94 Resp: 569912

Ion Ratio Lower Upper

94 100

65 56.7 30.4 70.4

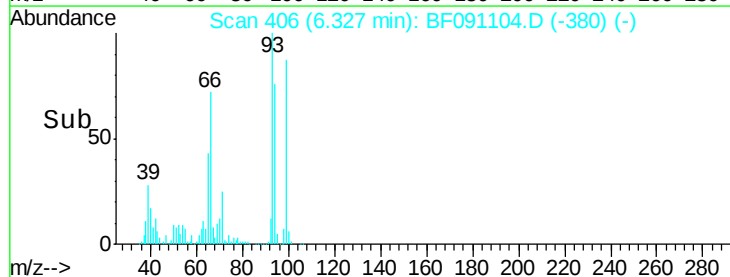
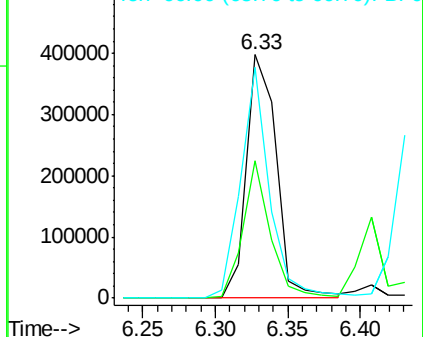
66 94.5 62.9 102.9

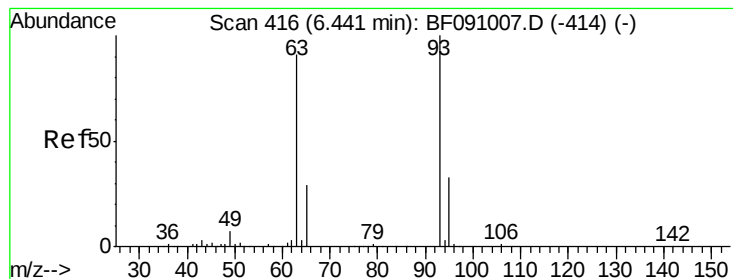


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.60 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

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BNA_F

ClientSampleId :

SSTDCCC040

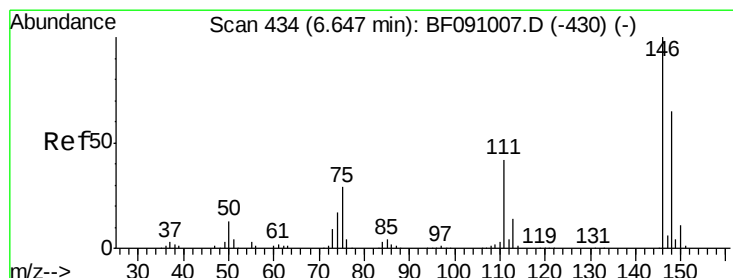
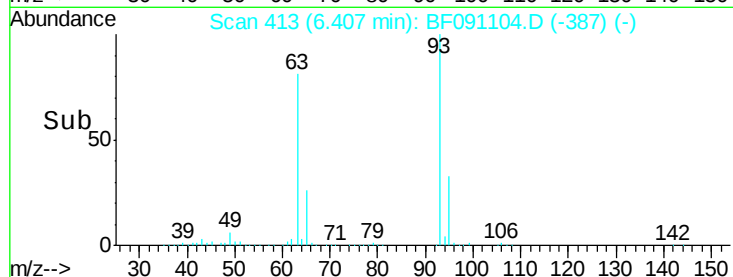
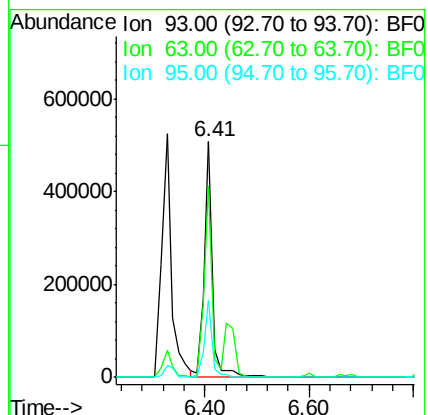
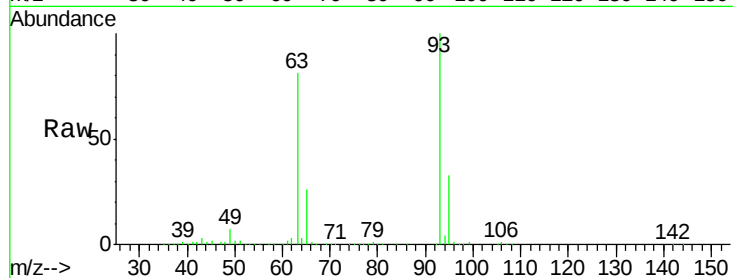
Tgt Ion: 93 Resp: 556130

Ion Ratio Lower Upper

93 100

63 80.9 68.9 108.9

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 44.41 ng

RT: 6.60 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

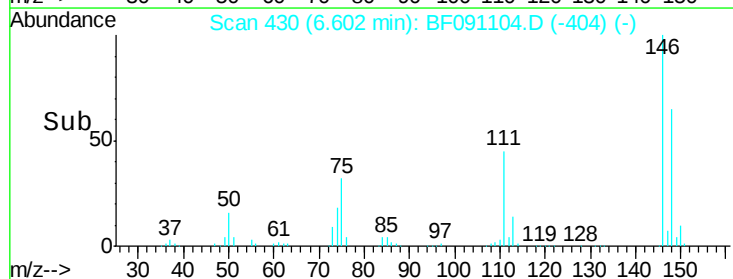
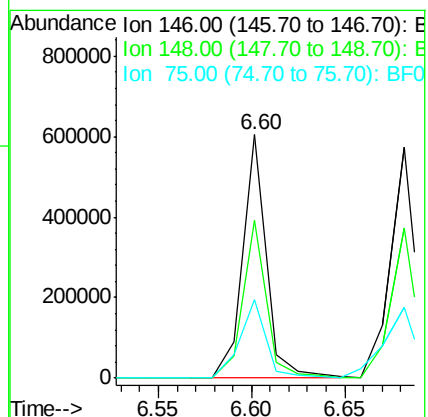
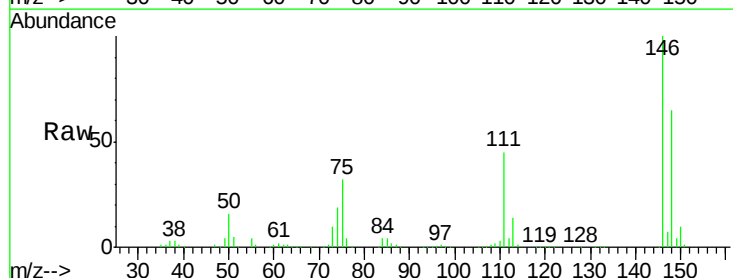
Tgt Ion: 146 Resp: 539854

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

75 32.4 23.0 34.6

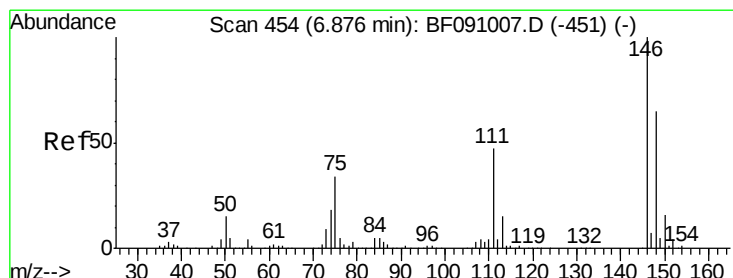
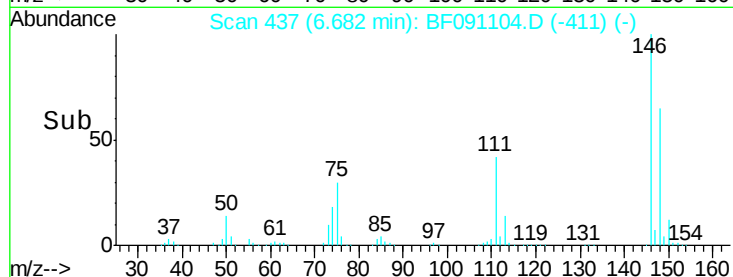
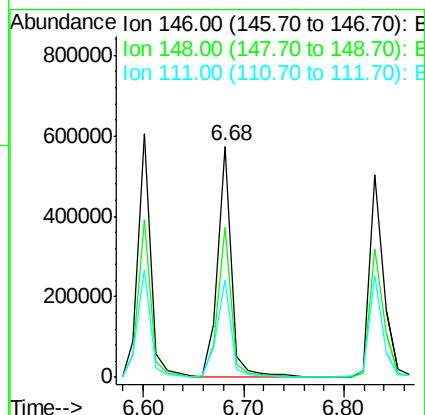
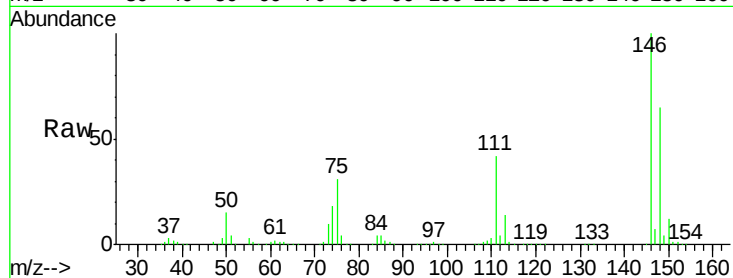




#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.68 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

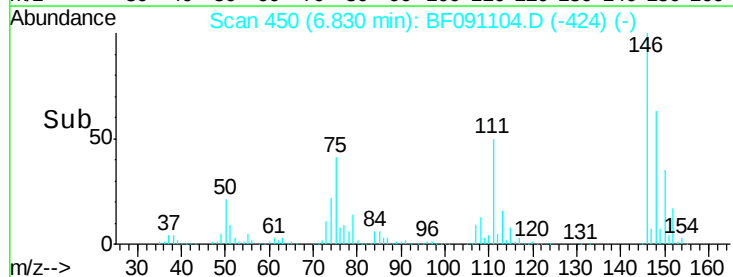
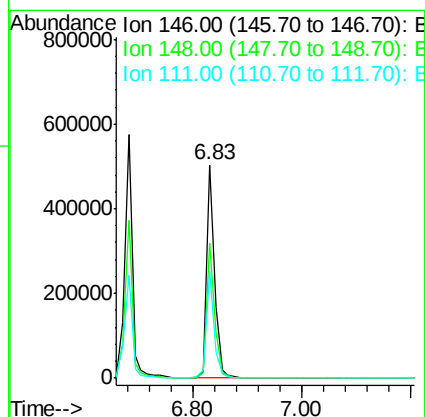
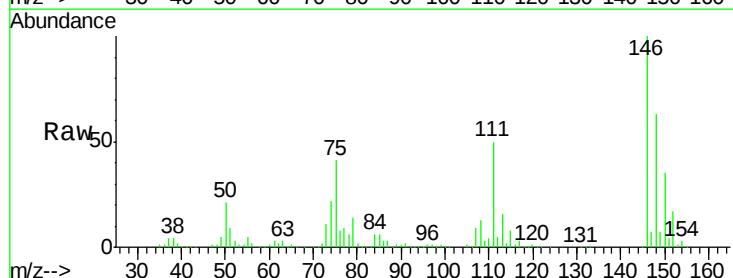
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

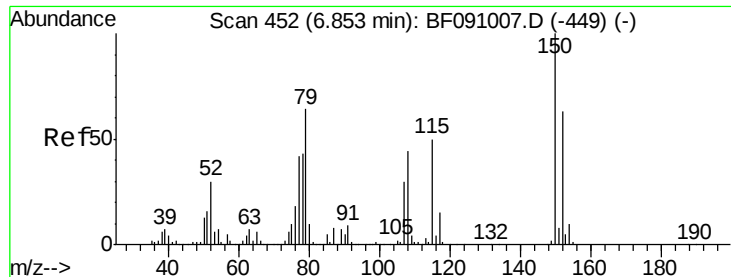
Tgt Ion:146 Resp: 553768
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 42.4 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 41.76 ng
 RT: 6.83 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:146 Resp: 499824
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 50.0 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.24 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

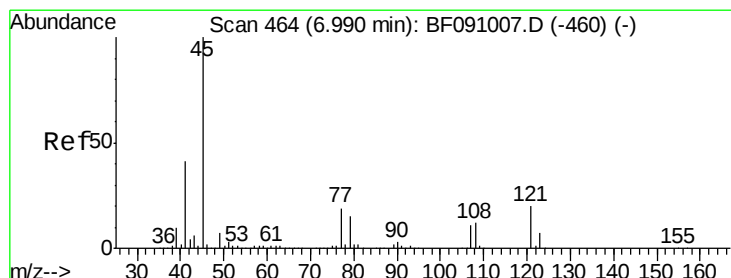
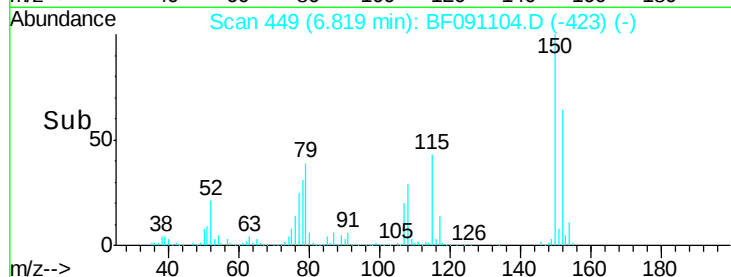
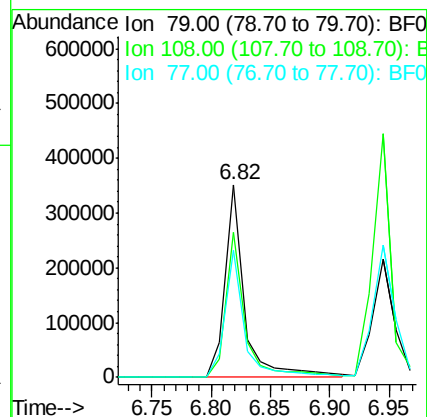
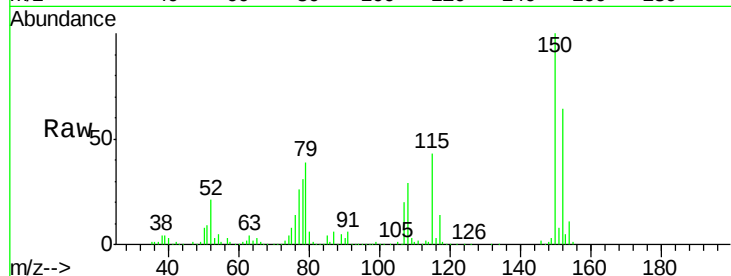
Tgt Ion: 79 Resp: 397839

Ion Ratio Lower Upper

79 100

108 75.4 55.7 83.5

77 66.3 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.79 ng

RT: 6.96 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

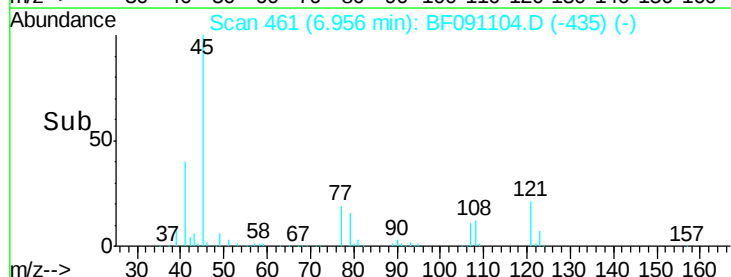
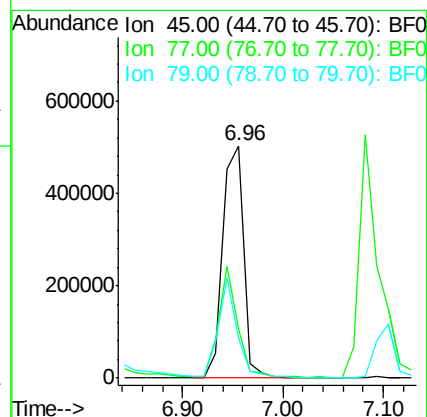
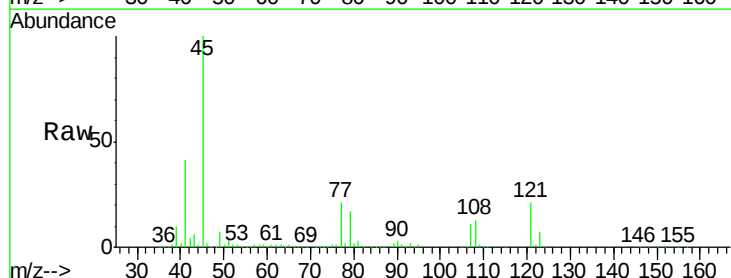
Tgt Ion: 45 Resp: 726623

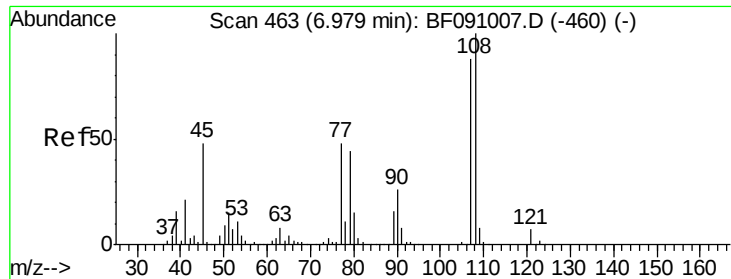
Ion Ratio Lower Upper

45 100

77 20.9 0.0 39.6

79 17.2 0.0 35.9

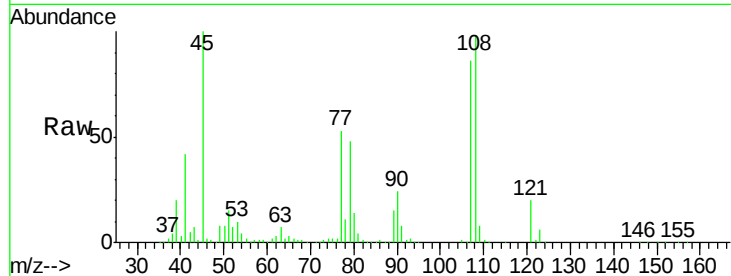




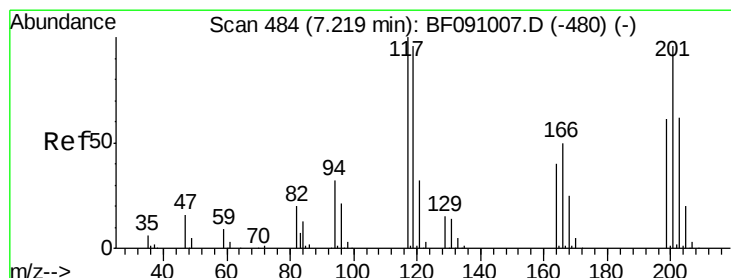
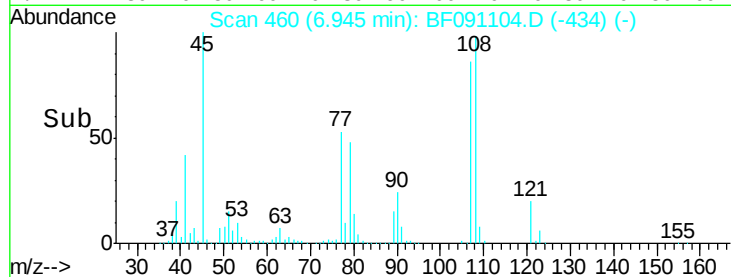
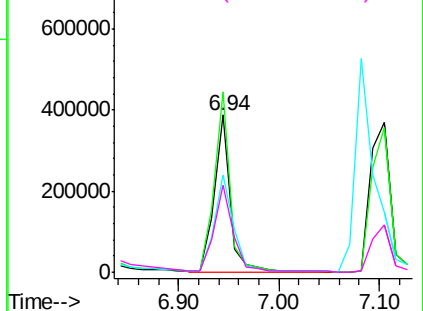
#17
2-Methylphenol
Concen: 43.96 ng
RT: 6.94 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	418277
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.6
77	62.2	43.8	65.8
79	55.7	40.6	60.8

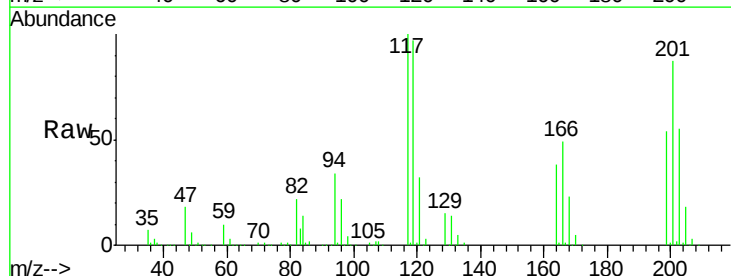


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

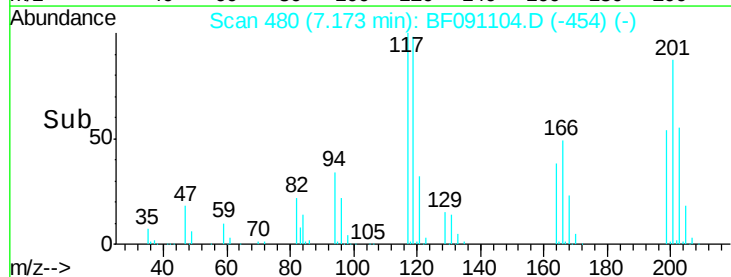
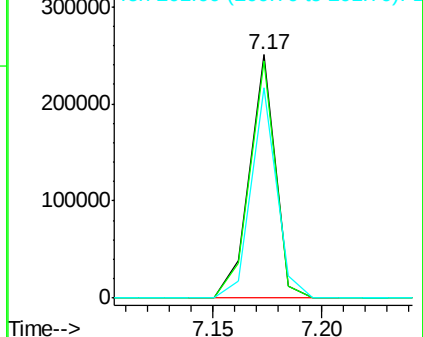


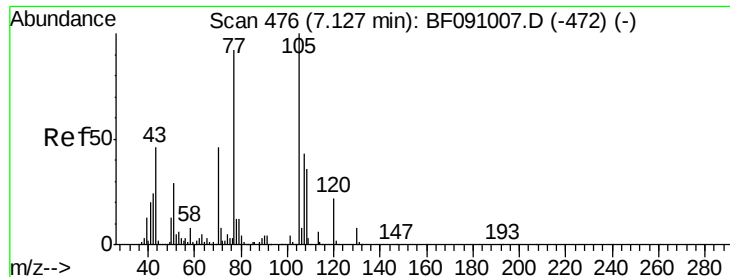
#18
Hexachloroethane
Concen: 40.90 ng
RT: 7.17 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

Tgt Ion:	117	Resp:	206466
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
201	86.6	77.1	115.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

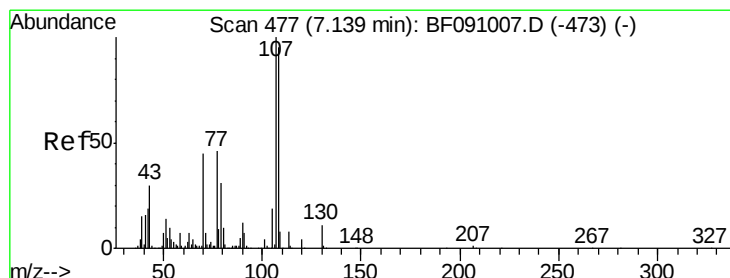
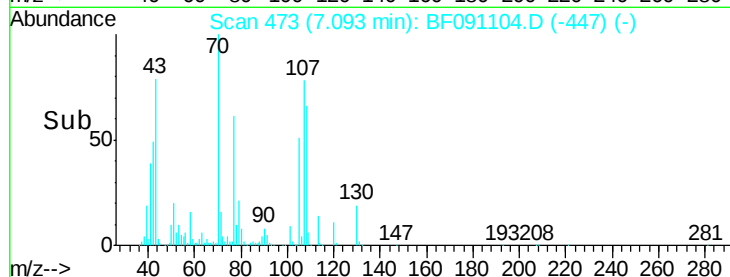
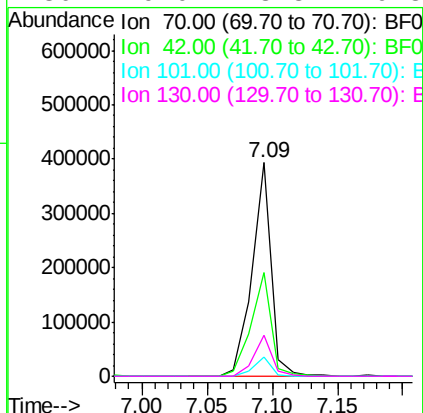
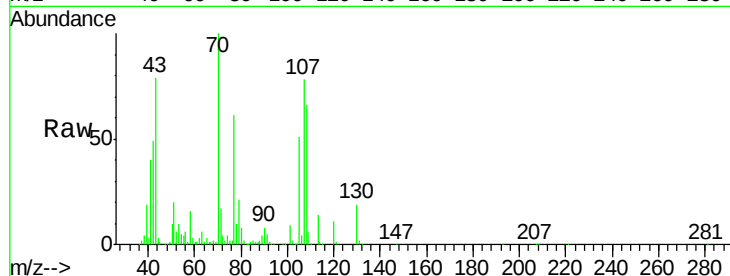




#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

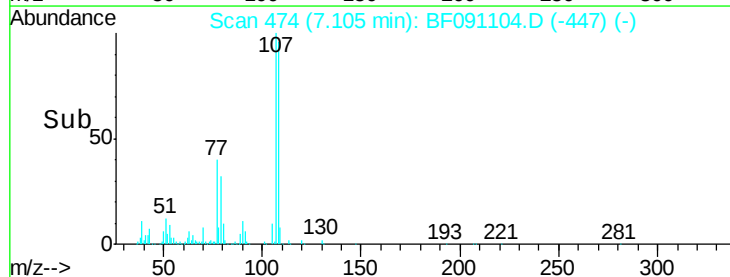
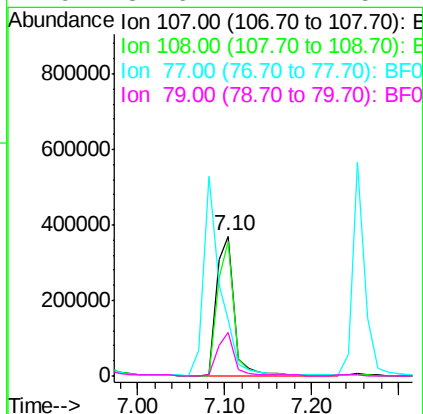
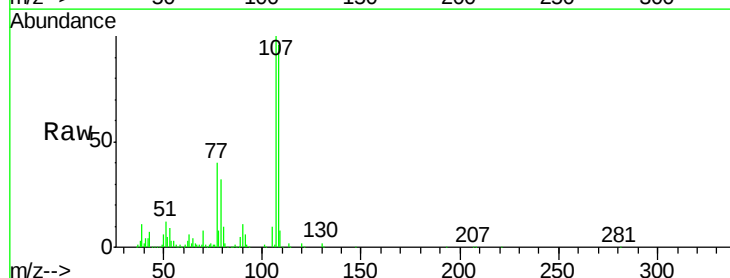
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

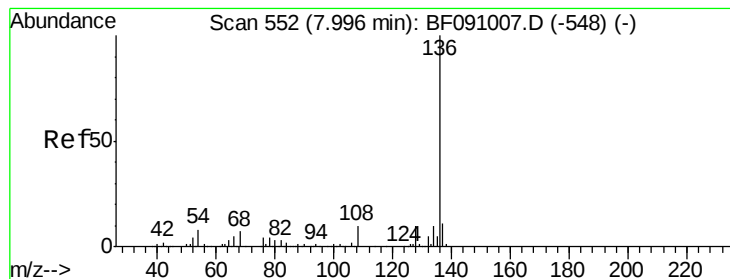
Tgt Ion:	70	Resp:	399885
Ion	Ratio	Lower	Upper
70	100		
42	48.7	41.7	62.5
101	8.7	6.7	10.1
130	19.0	13.8	20.8



#20
3+4-Methylphenols
Concen: 46.55 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

Tgt Ion:	107	Resp:	531784
Ion	Ratio	Lower	Upper
107	100		
108	96.3	75.5	115.5
77	40.4	26.4	66.4
79	31.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 714087

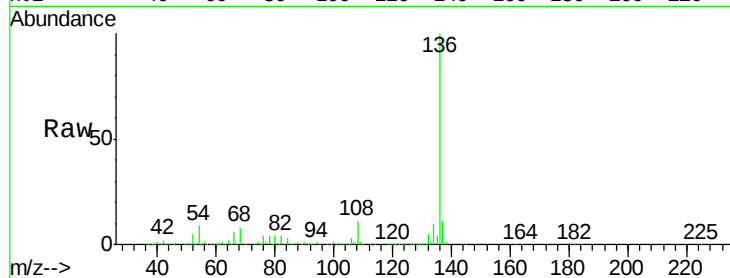
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.2 9.2

68 7.8 5.5 8.3

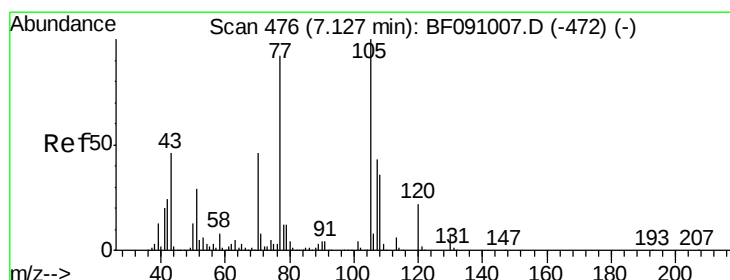
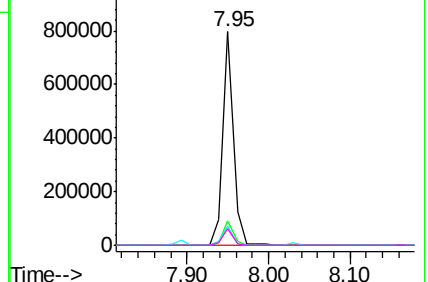
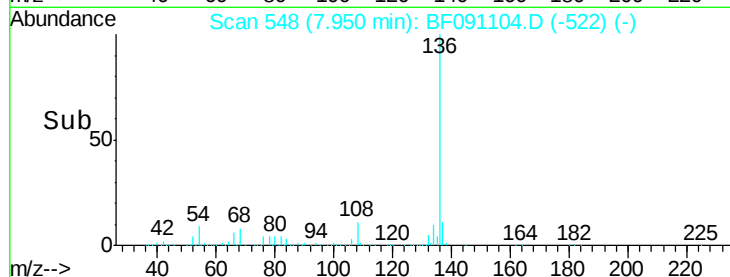


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.18 ng

RT: 7.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Tgt Ion:105 Resp: 677131

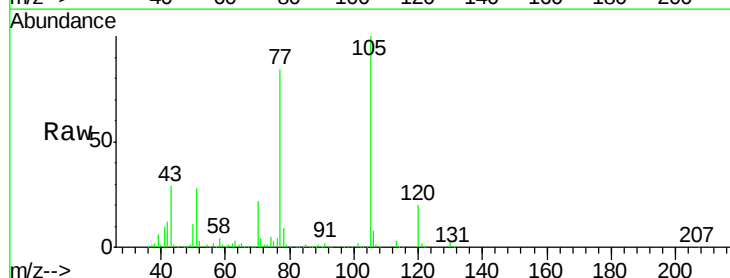
Ion Ratio Lower Upper

105 100

71 3.6 6.2 9.2#

51 27.8 23.3 34.9

120 20.3 17.4 26.0

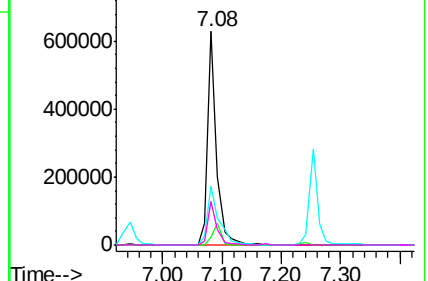
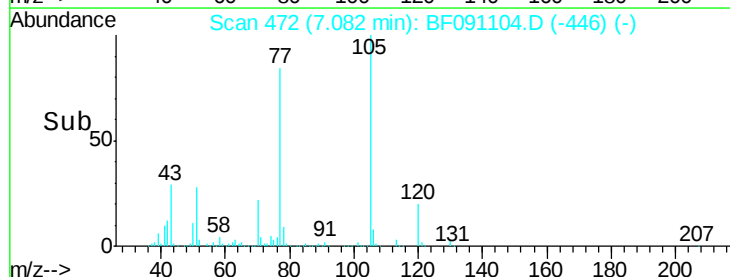


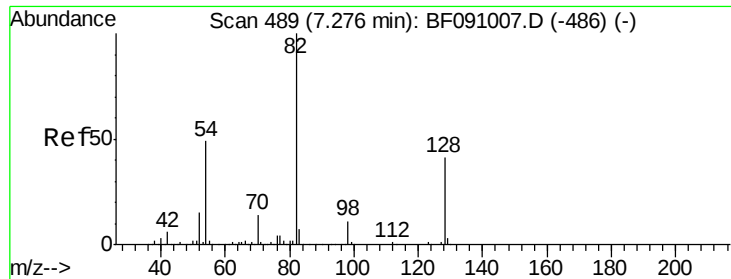
Abundance Ion 105.00 (104.70 to 105.70): E

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

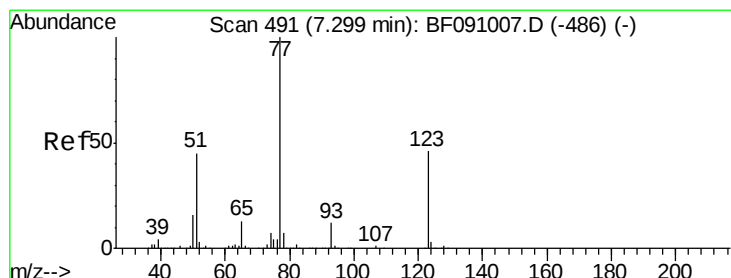
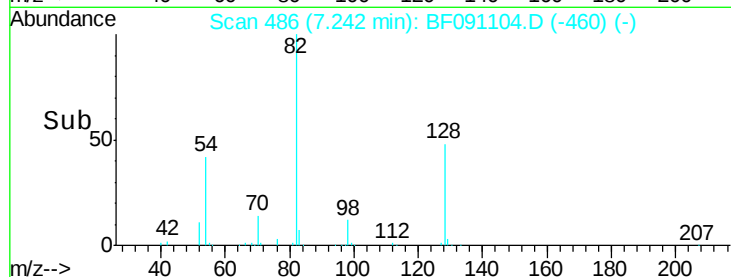
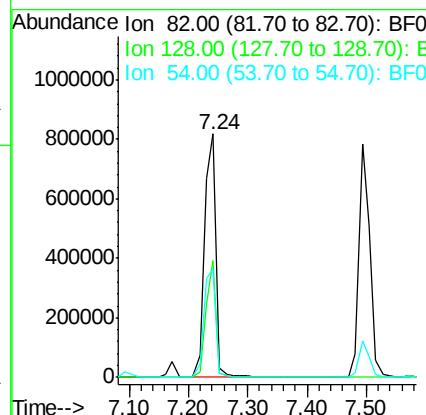
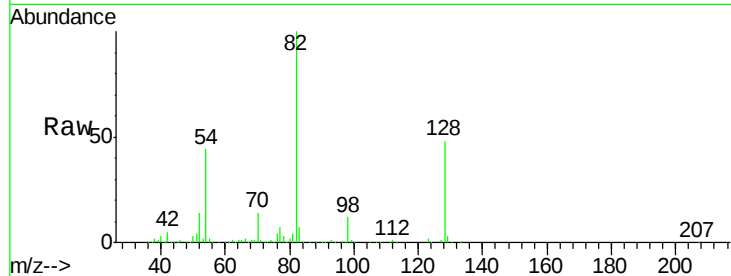




#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

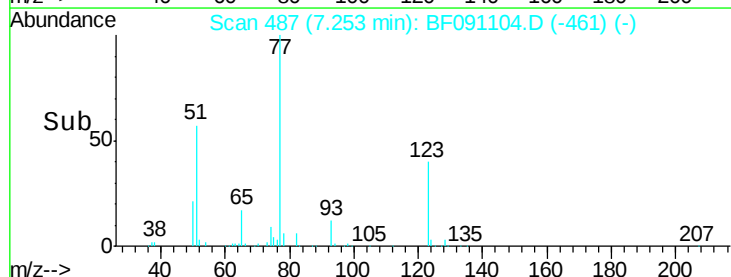
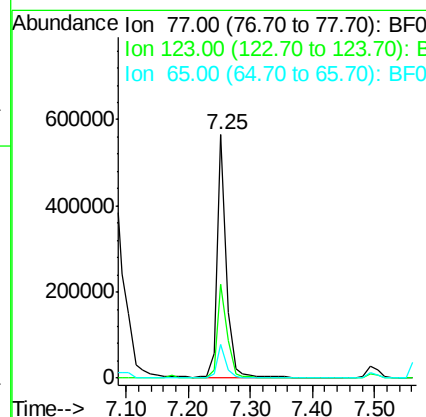
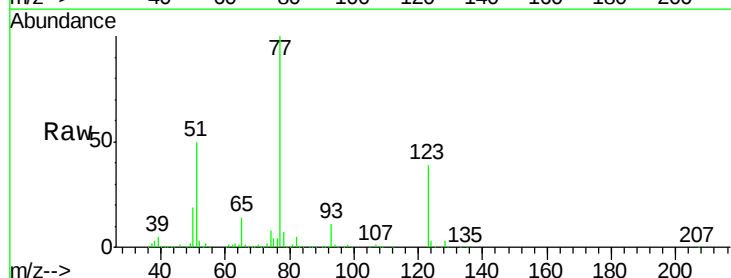
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1126483
 Ion Ratio Lower Upper
 82 100
 128 47.8 32.4 48.6
 54 44.3 39.2 58.8



#24
 Nitrobenzene
 Concen: 39.31 ng
 RT: 7.25 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion: 77 Resp: 568262
 Ion Ratio Lower Upper
 77 100
 123 38.8 36.5 54.7
 65 14.0 10.7 16.1





#25

Isophorone

Concen: 39.11 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

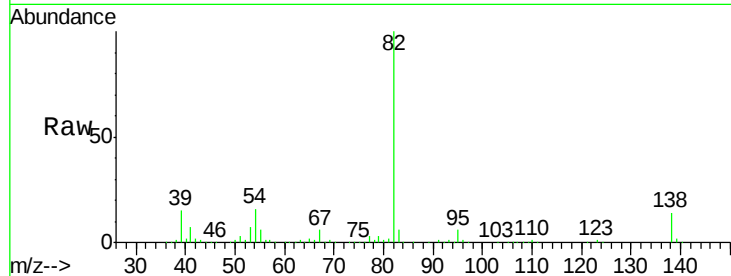
Tgt Ion: 82 Resp: 986601

Ion Ratio Lower Upper

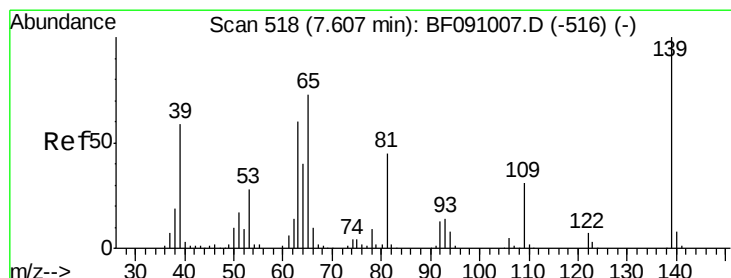
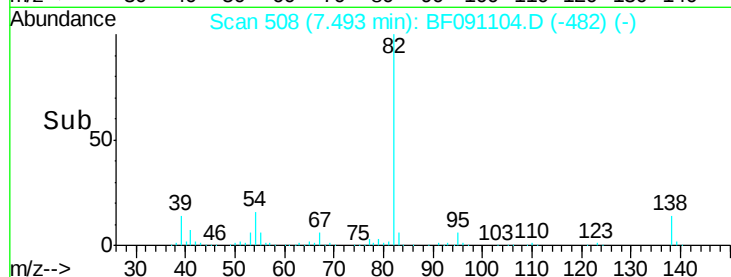
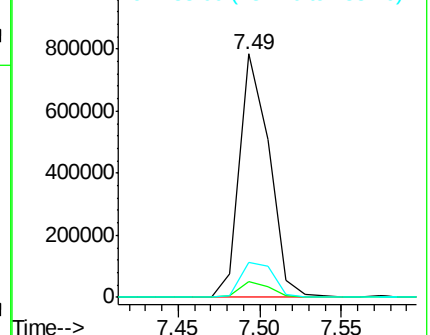
82 100

95 6.5 5.4 8.0

138 14.3 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: 44.86 ng

RT: 7.57 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

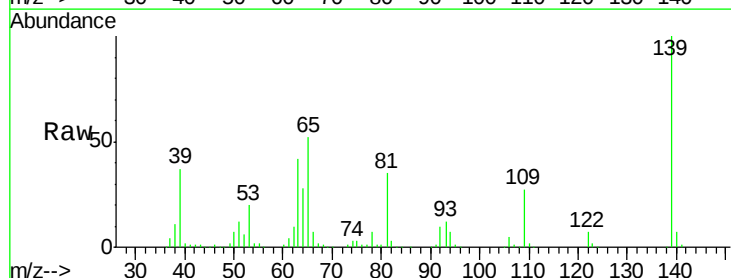
Tgt Ion: 139 Resp: 274452

Ion Ratio Lower Upper

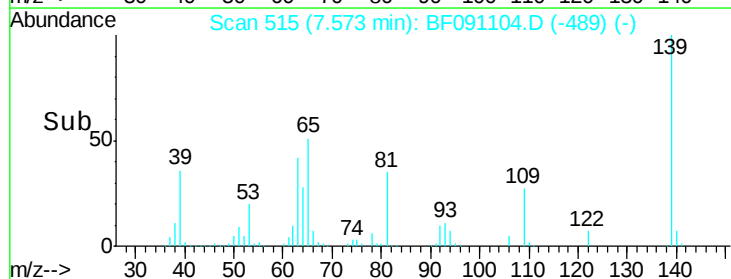
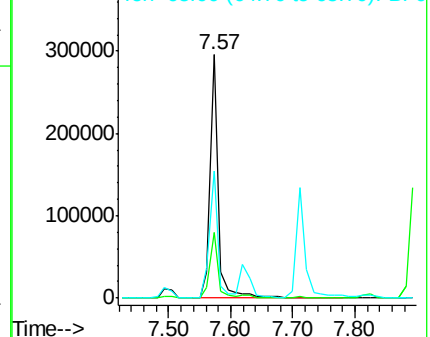
139 100

109 27.2 24.7 37.1

65 52.4 58.3 87.5#



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

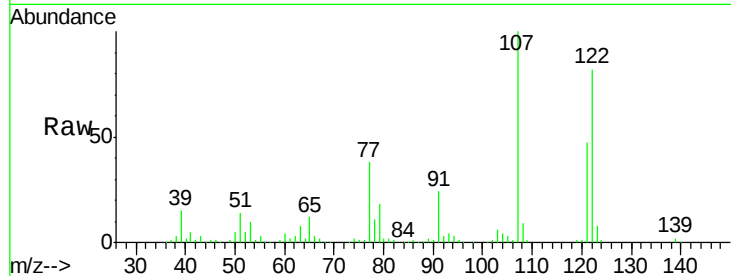




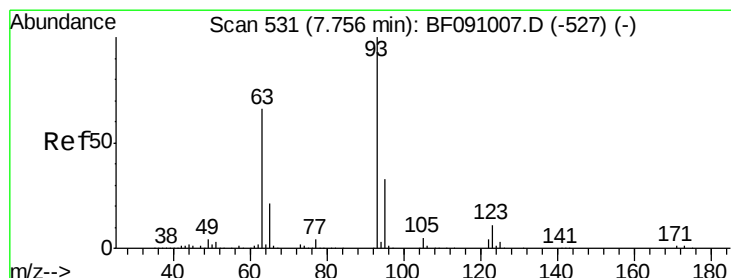
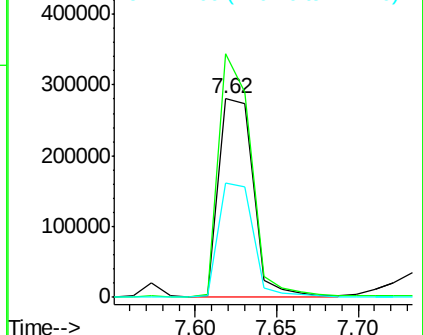
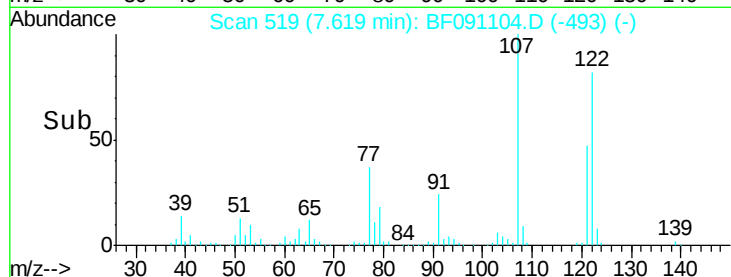
#27
 2,4-Dimethylphenol
 Concen: 40.56 ng
 RT: 7.62 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:122 Resp: 410425
 Ion Ratio Lower Upper
 122 100
 107 122.5 89.6 134.4
 121 57.9 46.3 69.5

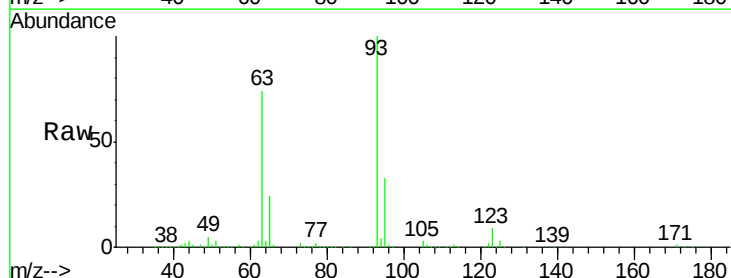


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

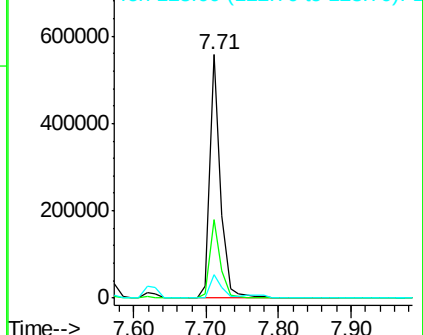
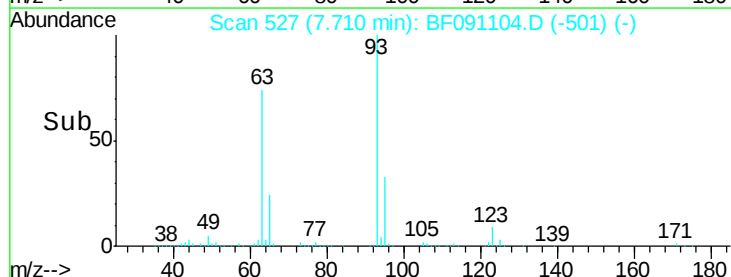


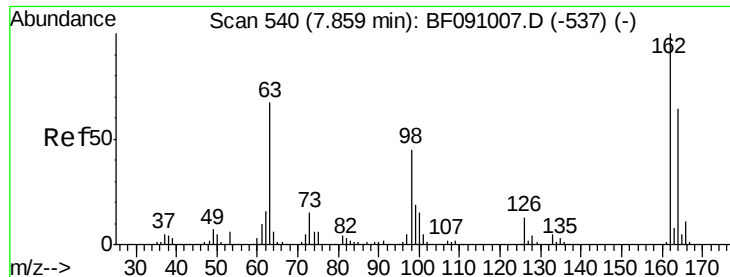
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.87 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion: 93 Resp: 563172
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 9.4 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

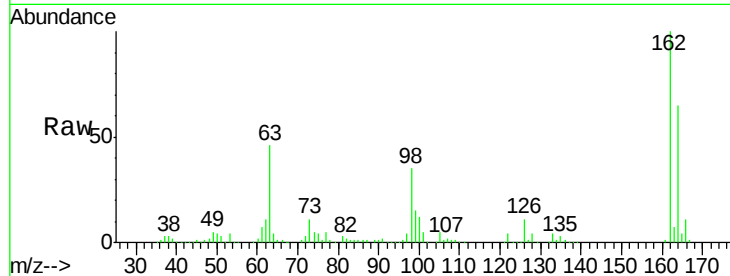




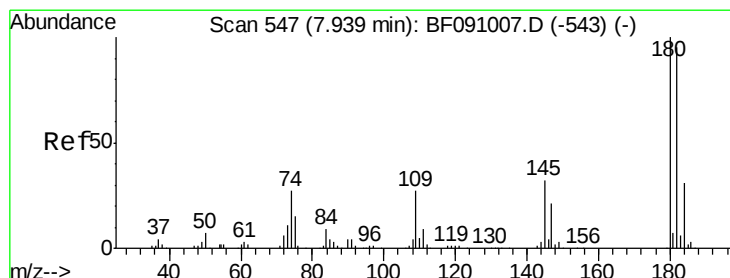
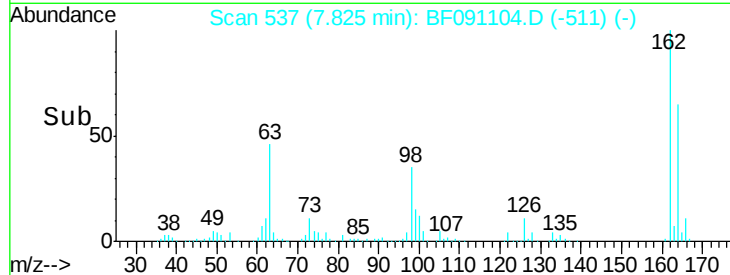
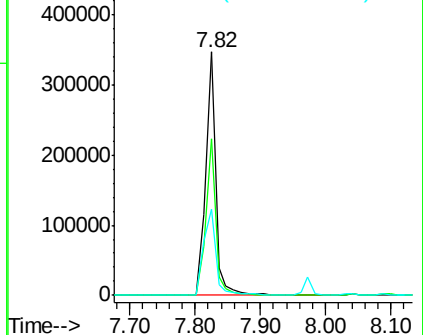
#29
 2,4-Dichlorophenol
 Concen: 42.07 ng
 RT: 7.82 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	35.5	25.2	65.2

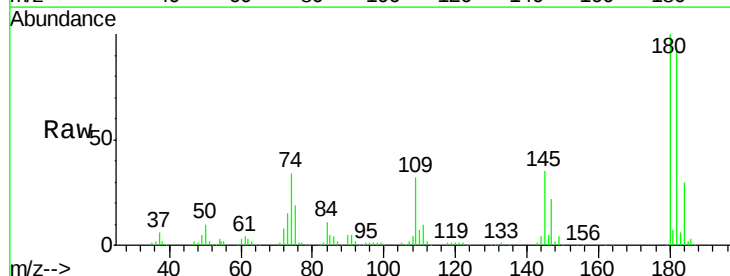


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

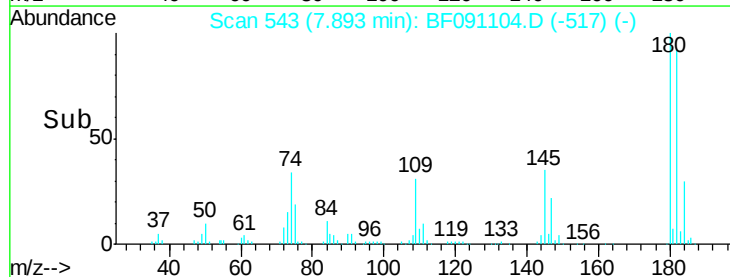
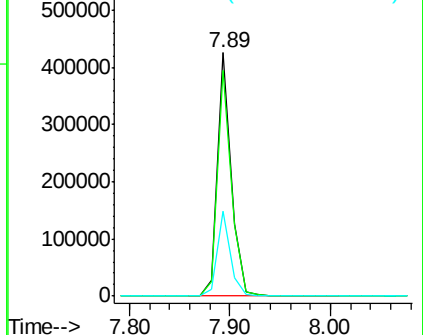


#30
 1,2,4-Trichlorobenzene
 Concen: 41.02 ng
 RT: 7.89 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.0	114.0
145	35.0	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: 42.39 ng

RT: 7.97 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

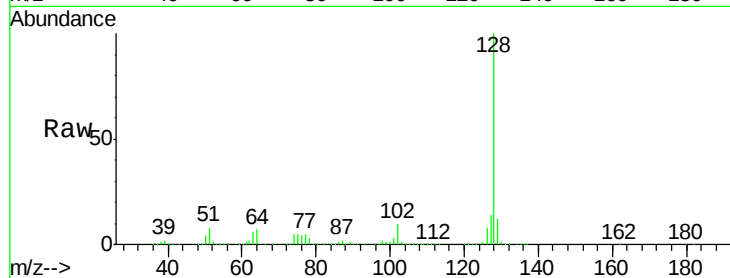
Tgt Ion:128 Resp: 1447636

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

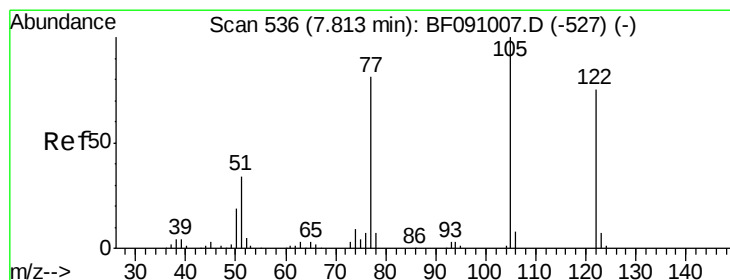
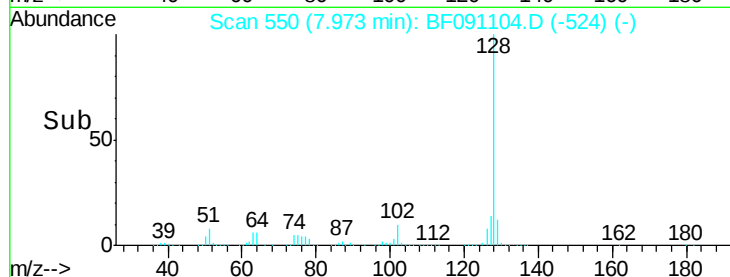
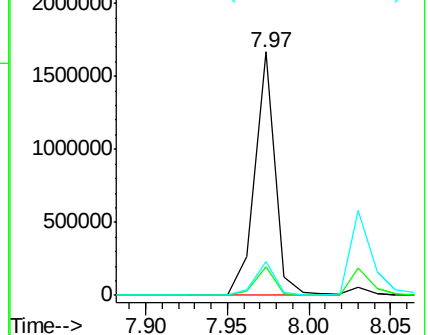
127 13.9 10.9 16.3



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: 30.57 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

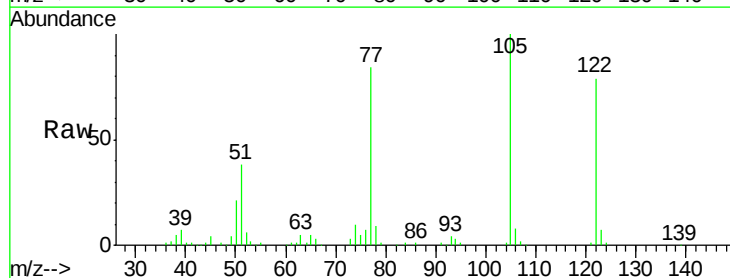
Tgt Ion:122 Resp: 225058

Ion Ratio Lower Upper

122 100

105 125.8 105.9 145.9

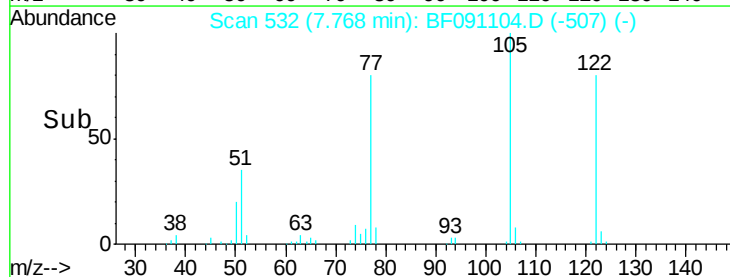
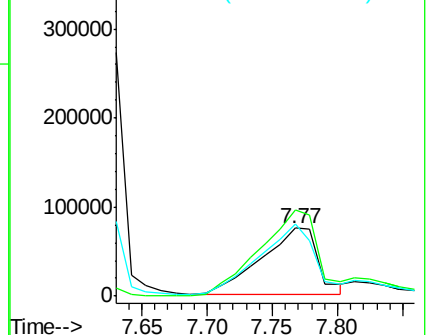
77 105.4 84.0 124.0



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

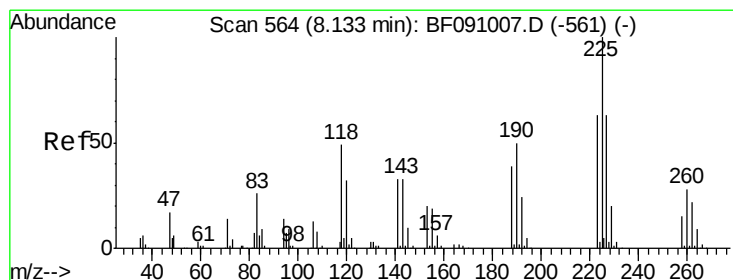
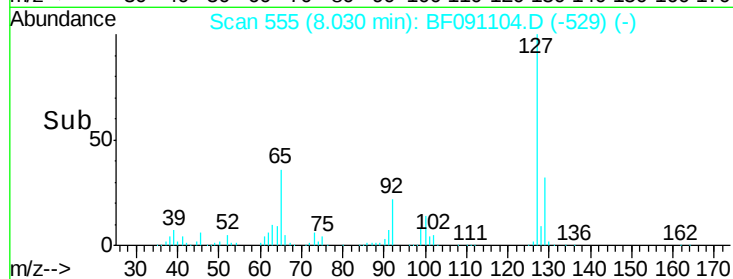
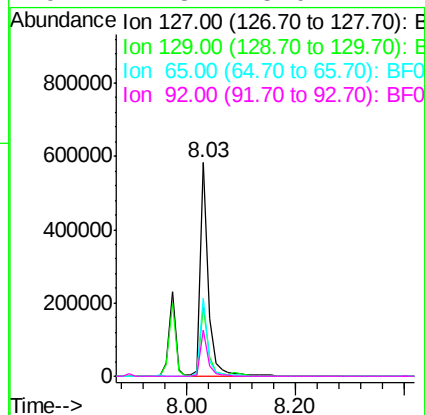
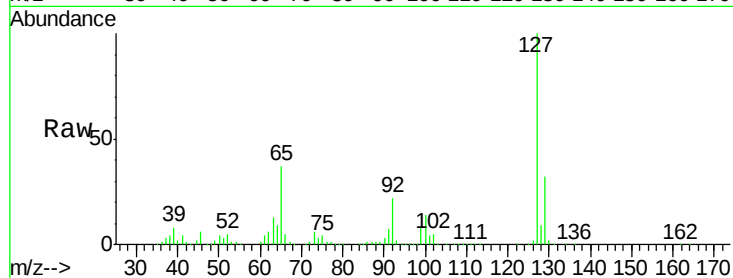




#33
4-Chloroaniline
Concen: 41.05 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

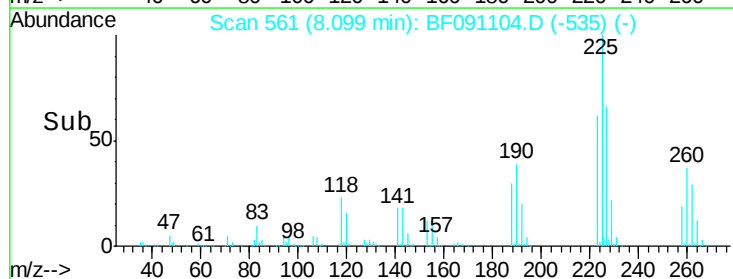
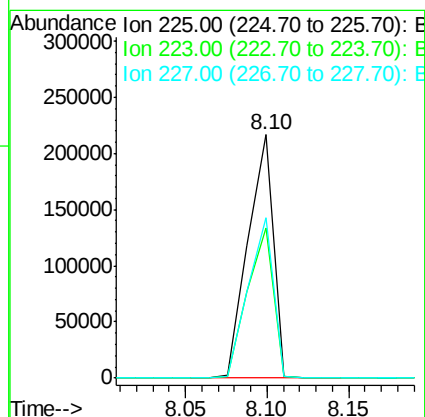
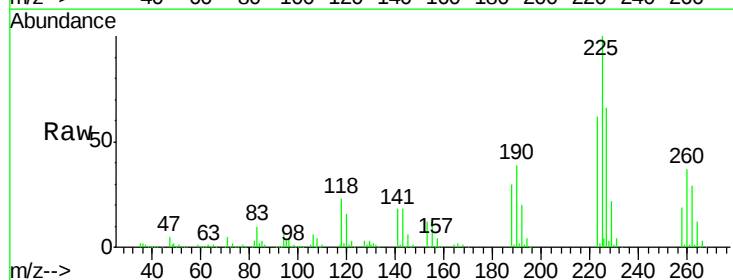
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

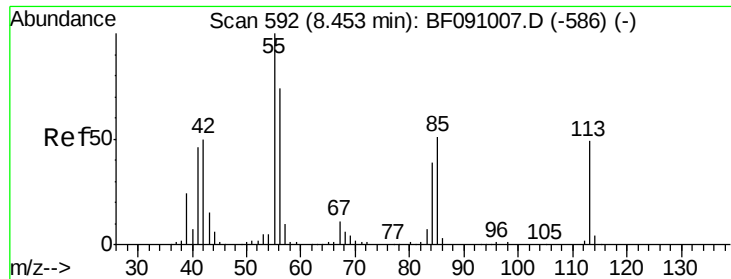
Tgt Ion:	127	Resp:	583006
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	36.6	22.2	33.2#
92	21.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.35 ng
RT: 8.10 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

Tgt Ion:	225	Resp:	232290
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.4	75.6
227	65.8	50.1	75.1

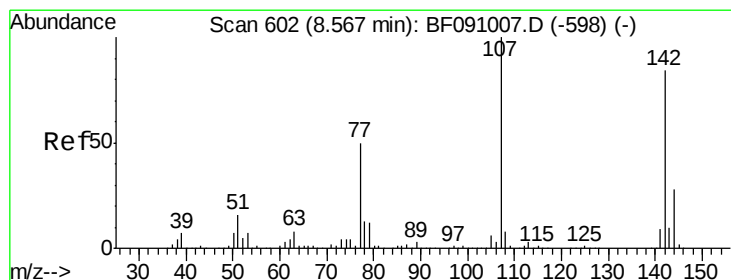
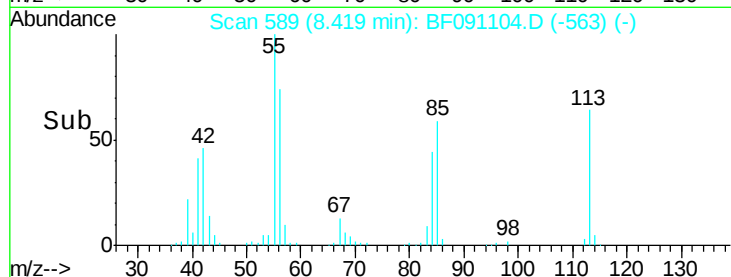
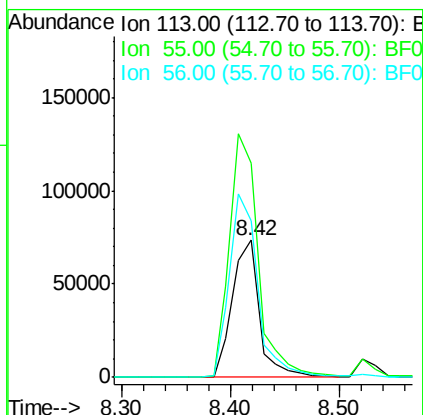
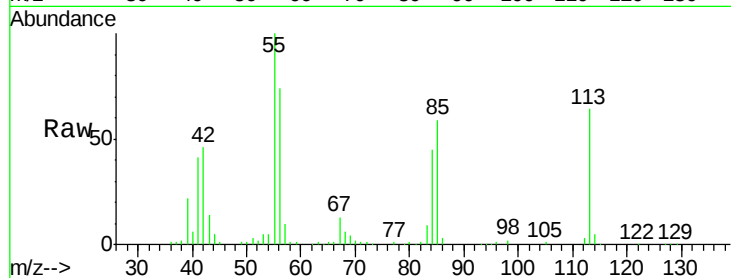




#35
 Caprolactam
 Concen: 45.65 ng
 RT: 8.42 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

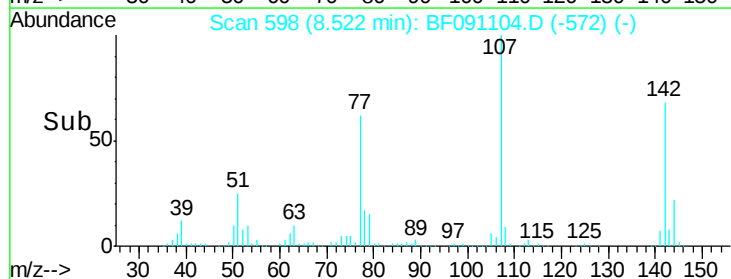
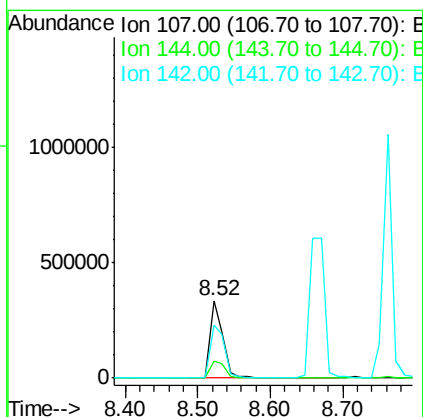
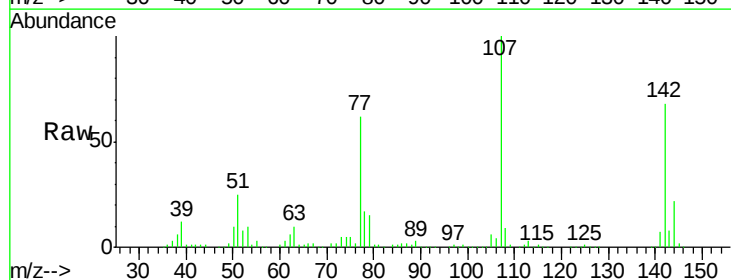
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

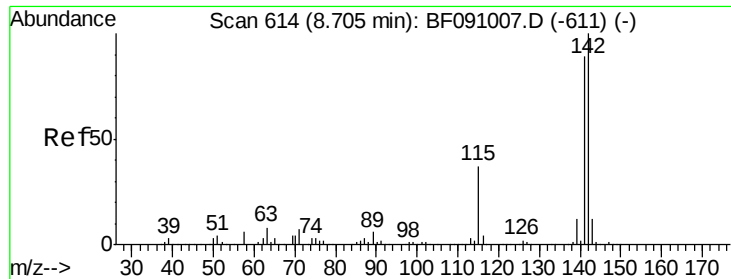
Tgt Ion:113 Resp: 126648
 Ion Ratio Lower Upper
 113 100
 55 155.6 184.1 224.1#
 56 114.5 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 38.45 ng
 RT: 8.52 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:107 Resp: 411043
 Ion Ratio Lower Upper
 107 100
 144 22.0 22.5 33.7#
 142 68.3 67.4 101.2

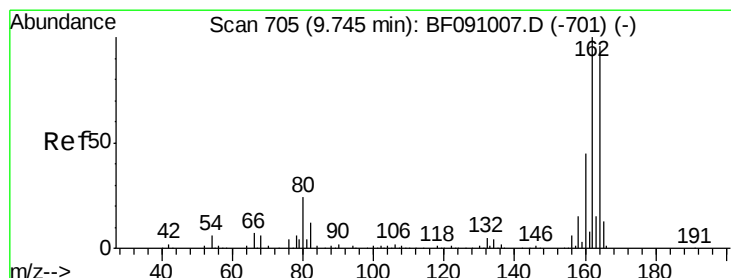
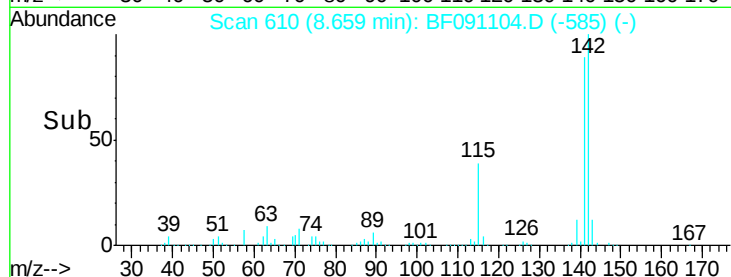
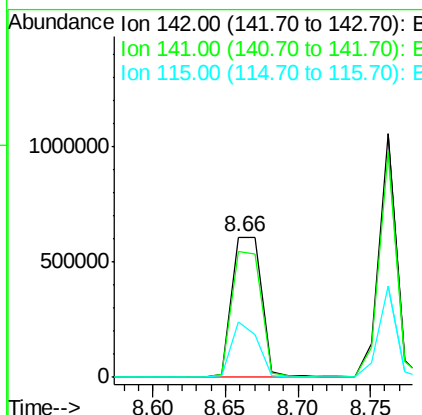
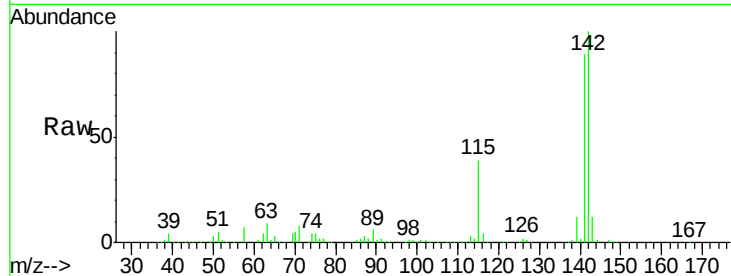




#37
 2-Methylnaphthalene
 Concen: 39.46 ng
 RT: 8.66 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

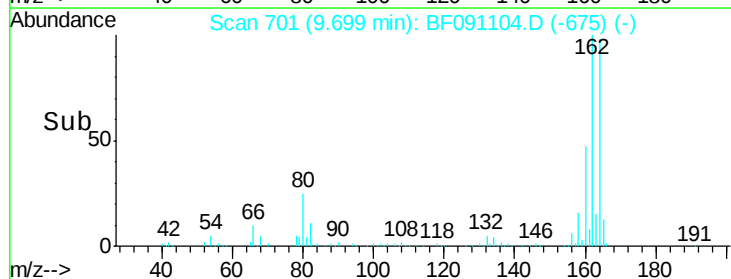
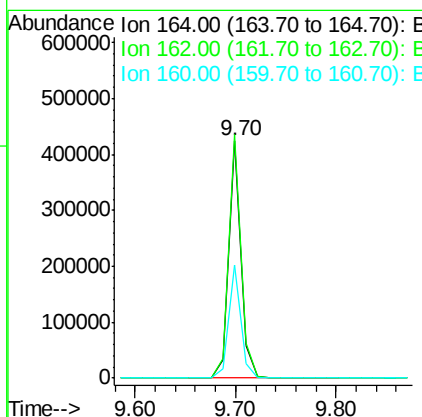
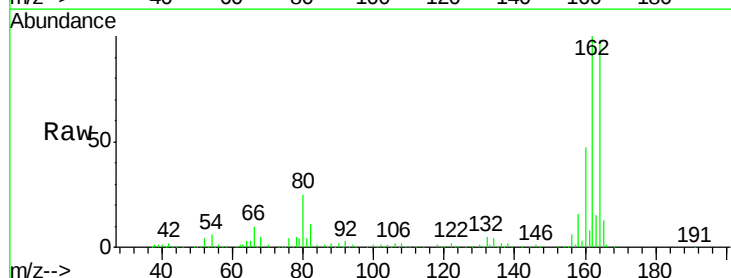
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

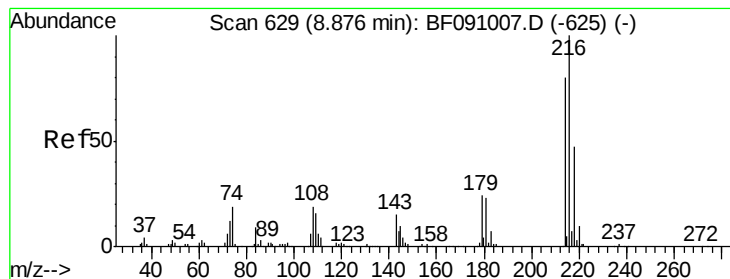
Tgt Ion:142 Resp: 866367
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 39.2 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:164 Resp: 358602
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.6 125.4
 160 47.7 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.95 ng

RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 383557

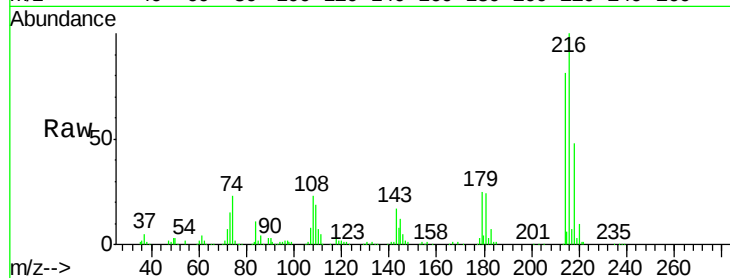
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 24.5 19.1 28.7

108 23.0 17.5 26.3

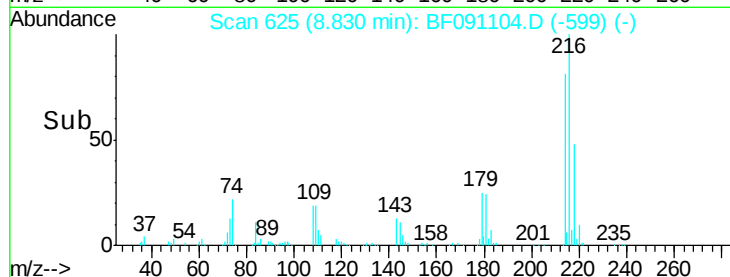


Abundance Ion 216.00 (215.70 to 216.70): E

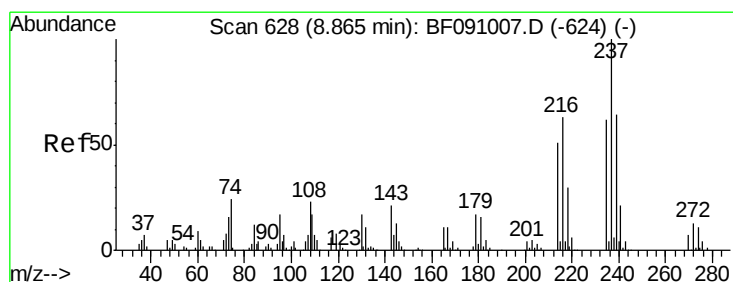
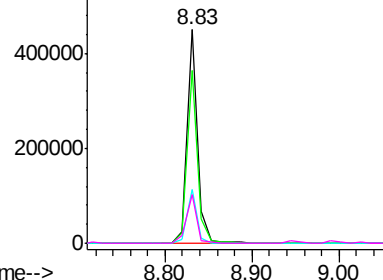
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 16.69 ng

RT: 8.82 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

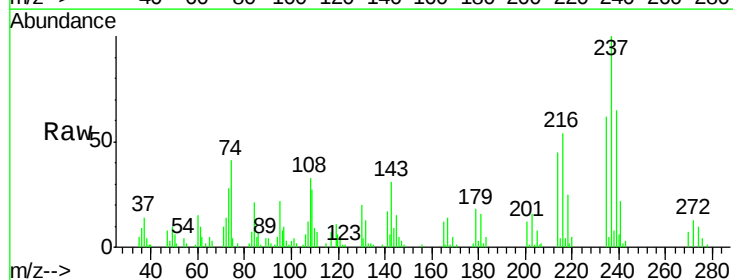
Tgt Ion:237 Resp: 38108

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

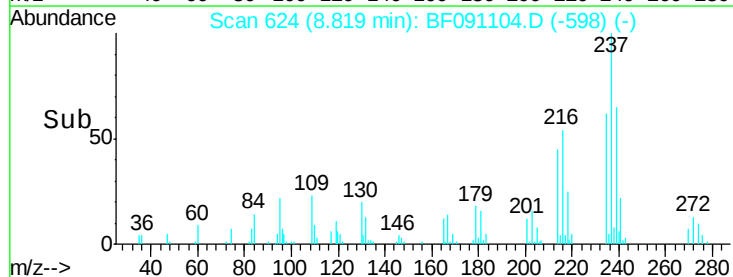
272 13.3 0.0 33.1



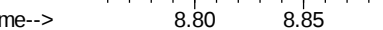
Abundance Ion 236.80 (236.50 to 237.50): E

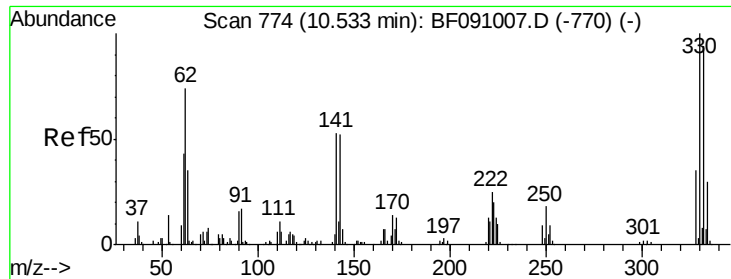
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

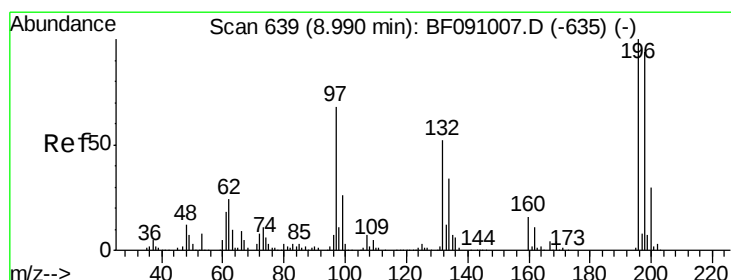
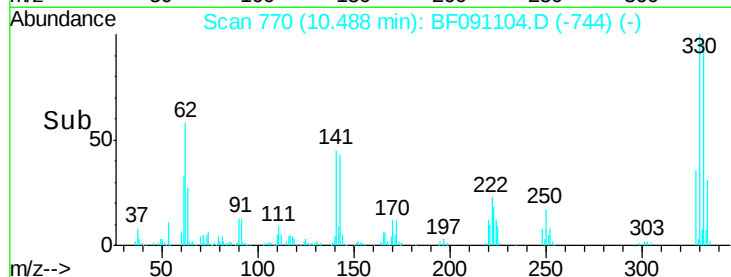
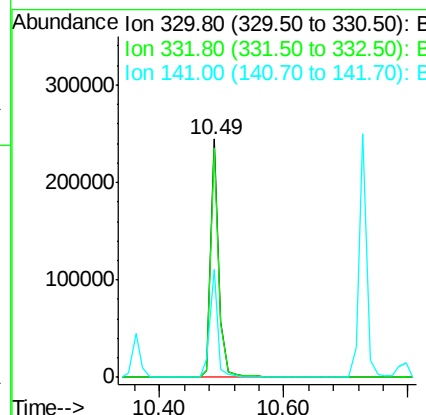
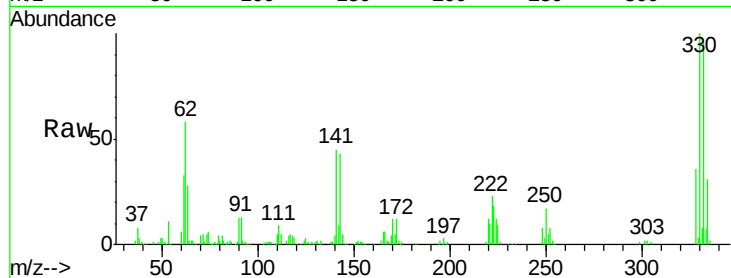




#41
 2,4,6-Tribromophenol
 Concen: 69.36 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

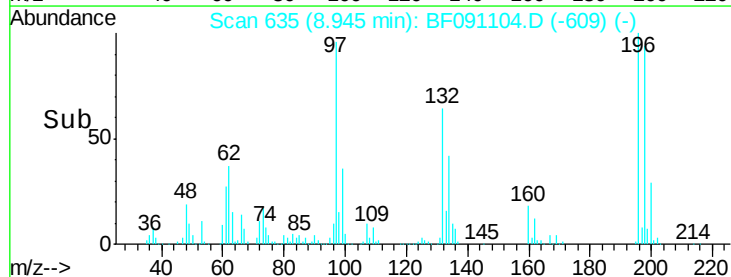
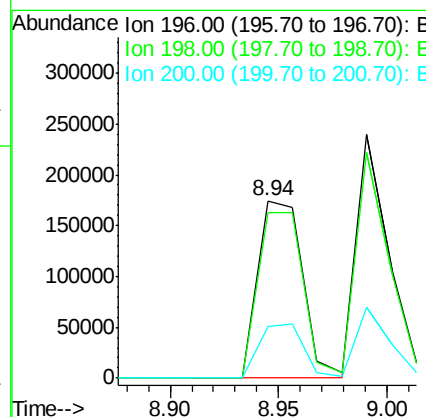
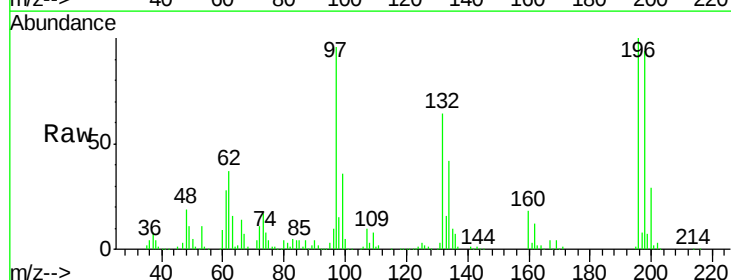
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 224870
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.9 113.9
 141 45.8 36.1 54.1



#42
 2,4,6-Trichlorophenol
 Concen: 42.50 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:196 Resp: 250824
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.4 113.0
 200 29.1 24.1 36.1

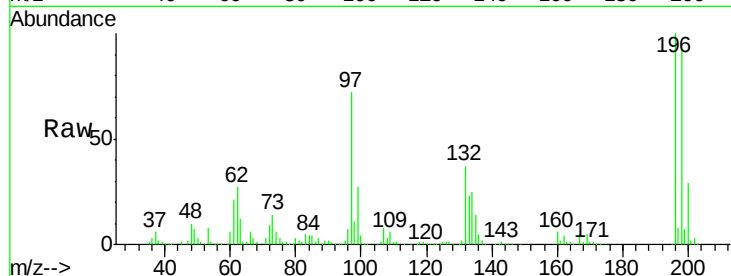




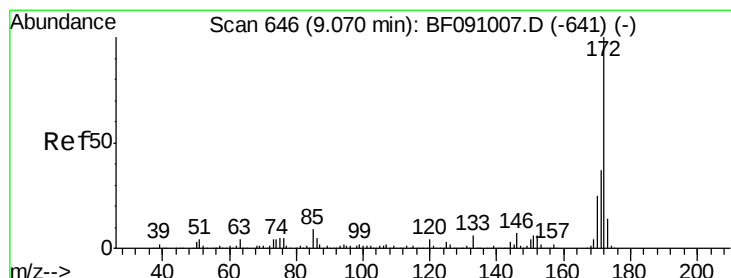
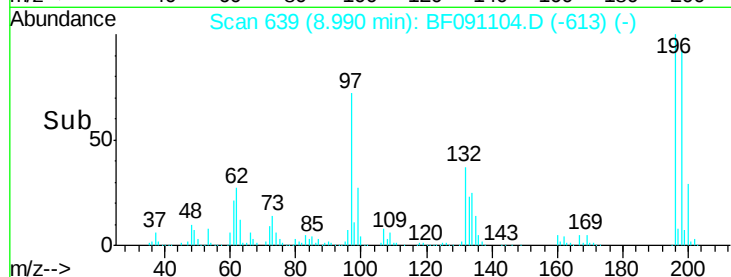
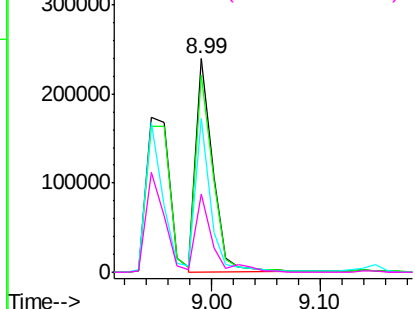
#43
 2,4,5-Trichlorophenol
 Concen: 41.68 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 258277
 Ion Ratio Lower Upper
 196 100
 198 92.5 78.2 117.4
 97 71.9 38.8 58.2#
 132 36.8 23.5 35.3#

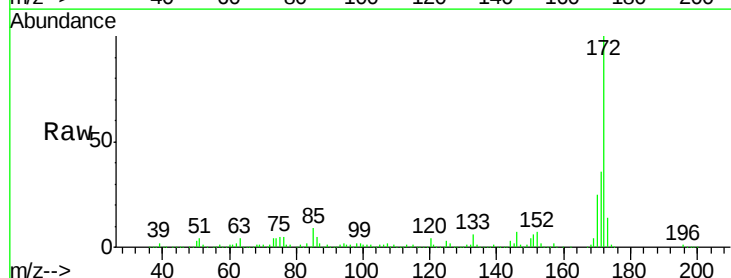


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

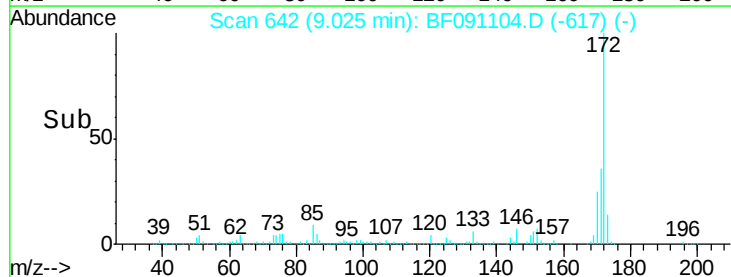
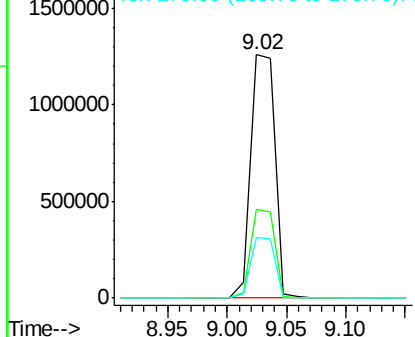


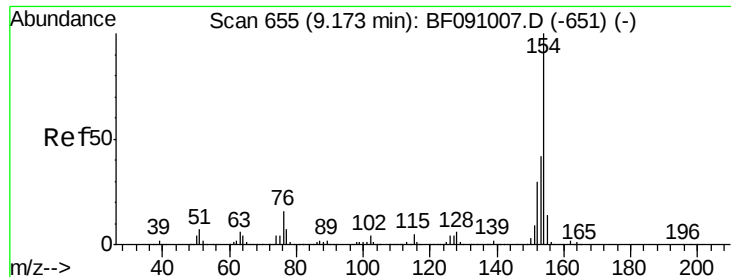
#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:172 Resp: 1797890
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.9 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

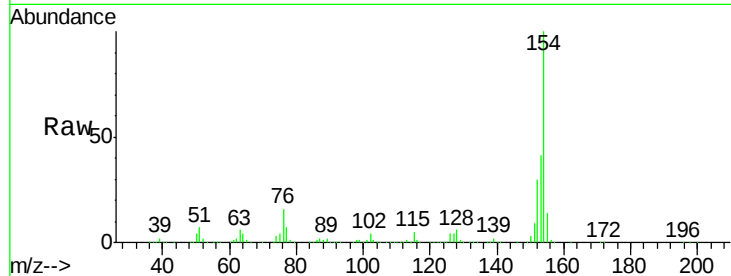




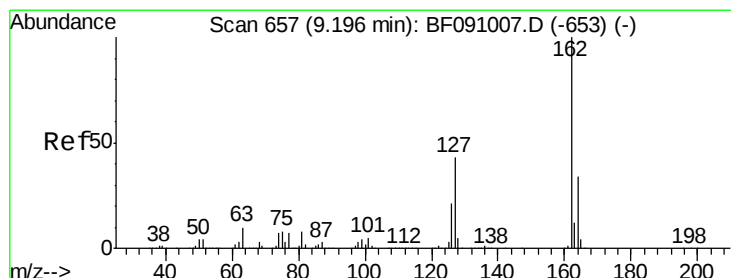
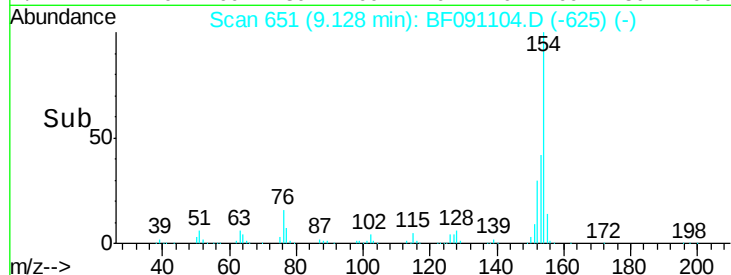
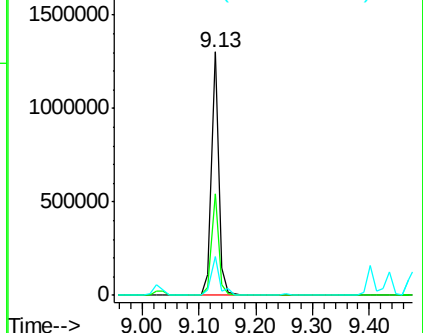
#45
 1,1'-Biphenyl
 Concen: 42.20 ng
 RT: 9.13 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1104916
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.6 61.6
 76 16.2 0.0 36.2

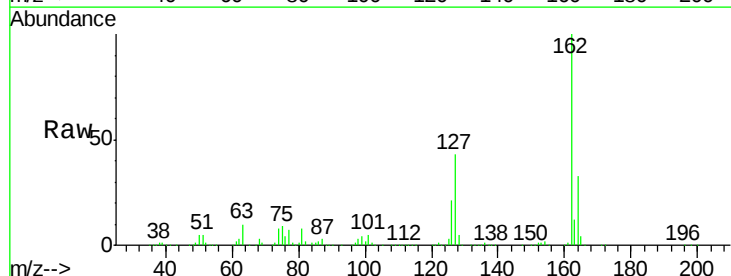


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

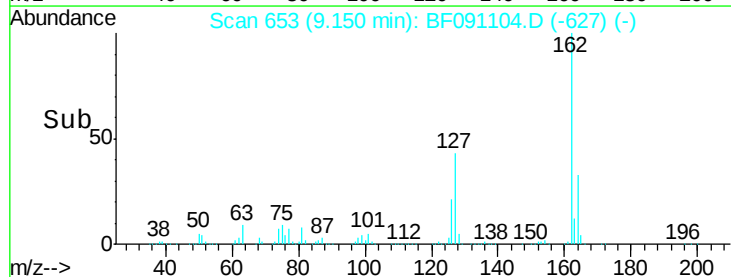
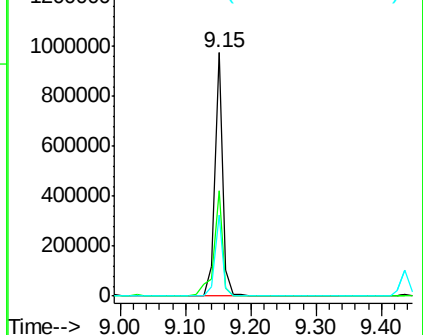


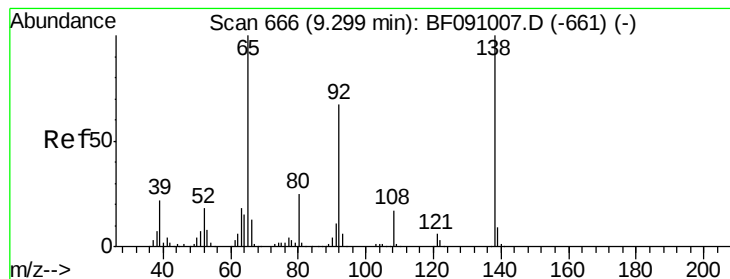
#46
 2-Chloronaphthalene
 Concen: 42.58 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091104.D
 Acq: 9 Nov 2016 2:21

Tgt Ion:162 Resp: 846401
 Ion Ratio Lower Upper
 162 100
 127 43.4 34.7 52.1
 164 33.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.96 ng

RT: 9.25 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

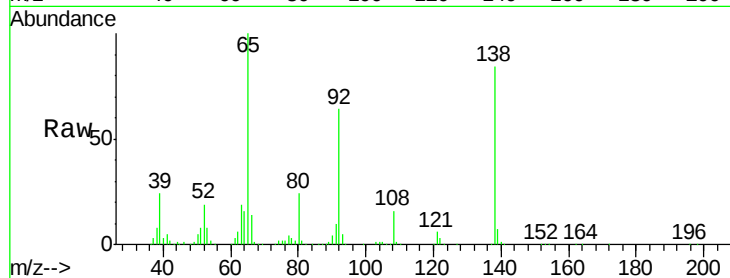
Tgt Ion: 65 Resp: 309567

Ion Ratio Lower Upper

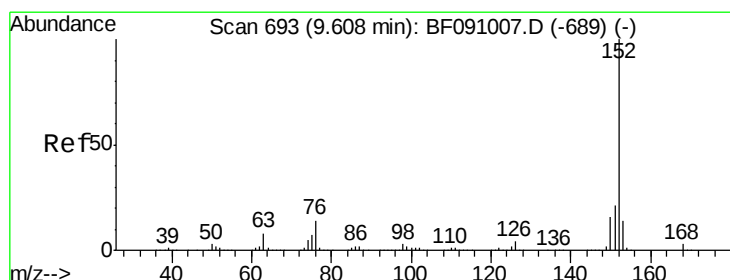
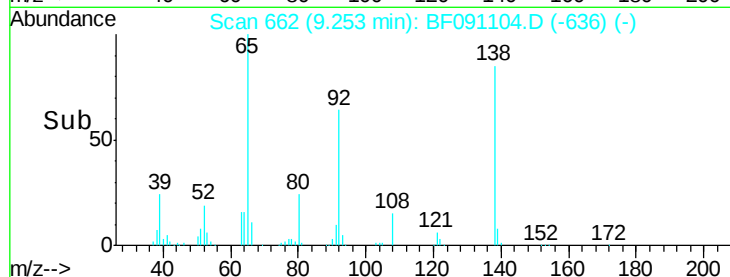
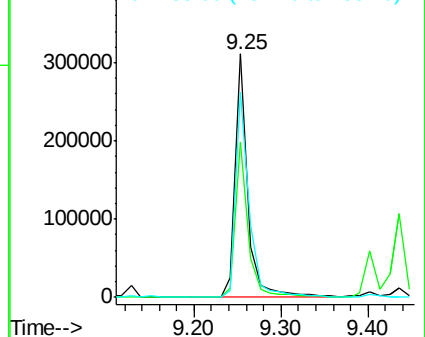
65 100

92 63.7 53.9 80.9

138 84.2 80.1 120.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.32 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

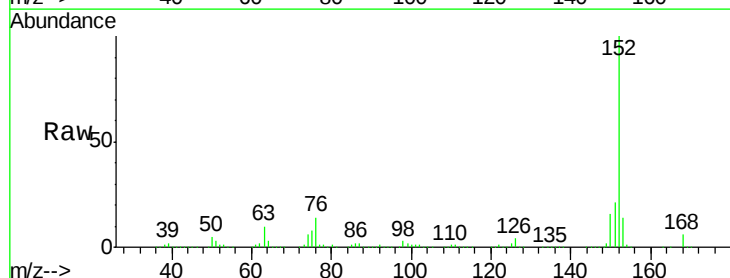
Tgt Ion: 152 Resp: 1280079

Ion Ratio Lower Upper

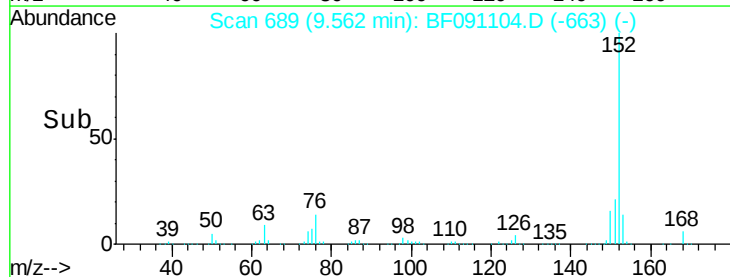
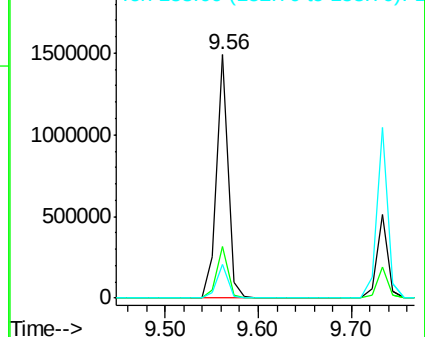
152 100

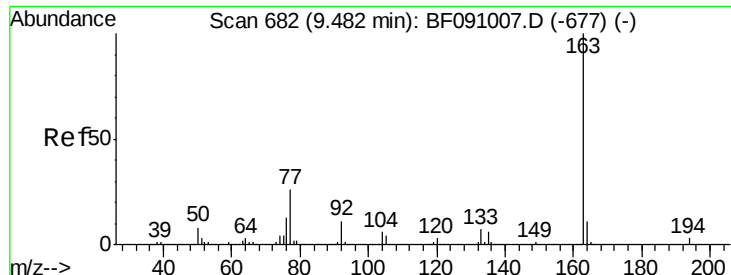
151 21.2 16.7 25.1

153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

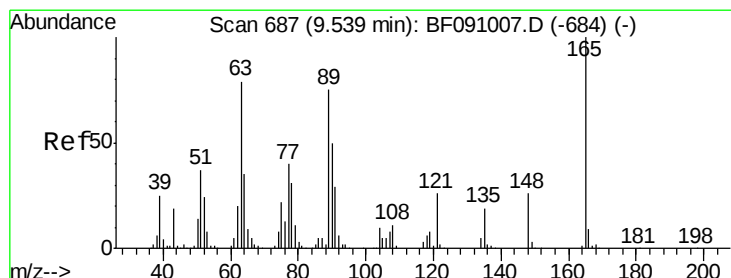
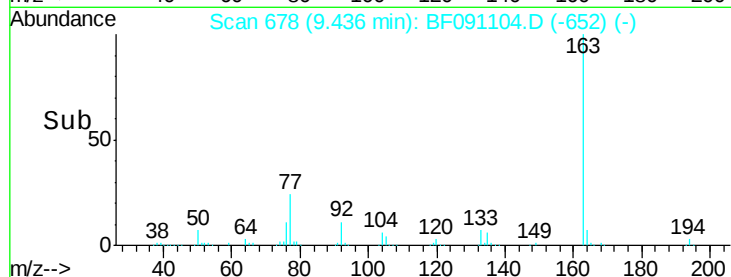
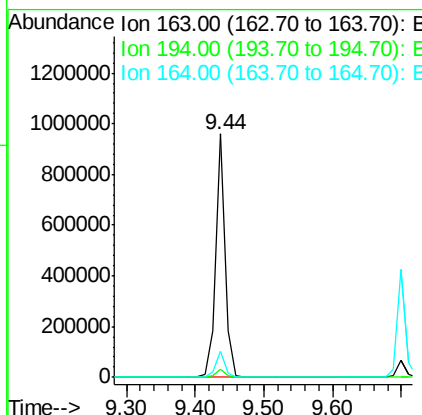
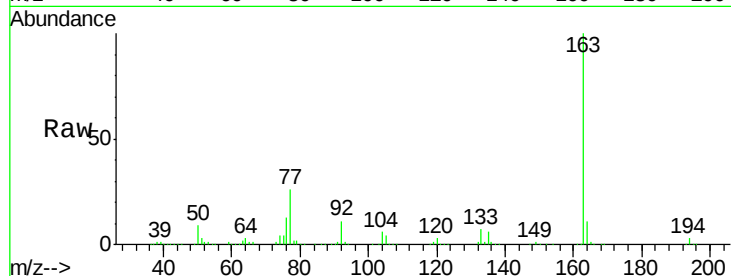




#49
Dimethylphthalate
Concen: 39.44 ng
RT: 9.44 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

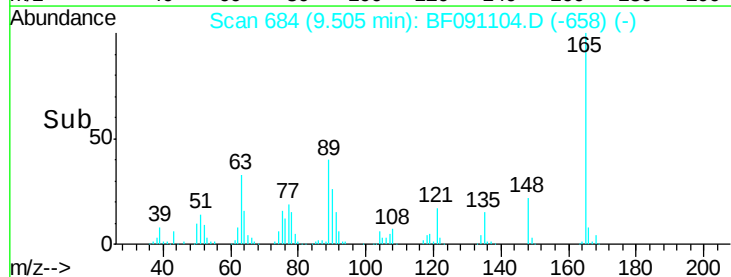
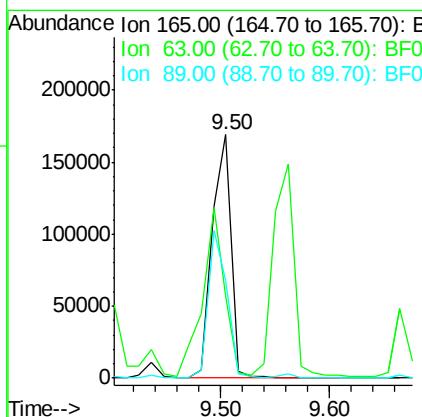
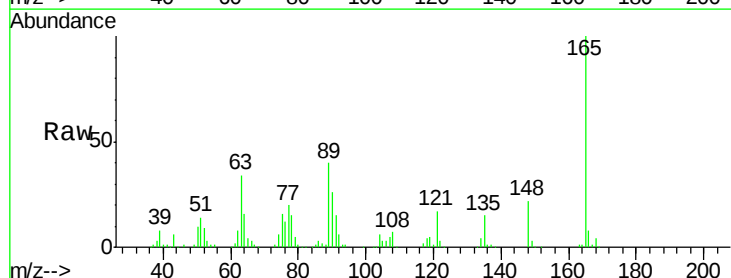
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

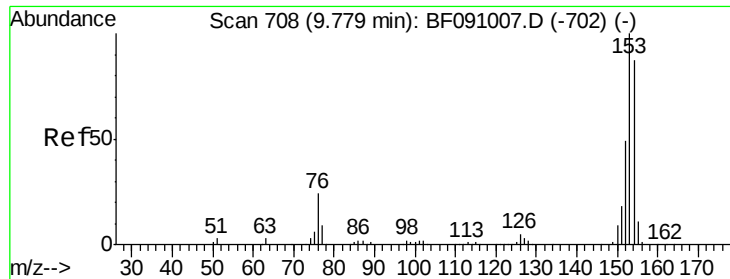
Tgt Ion:163 Resp: 927438
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 41.16 ng
RT: 9.50 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091104.D
Acq: 9 Nov 2016 2:21

Tgt Ion:165 Resp: 207437
Ion Ratio Lower Upper
165 100
63 33.9 65.6 98.4#
89 40.2 59.8 89.6#





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

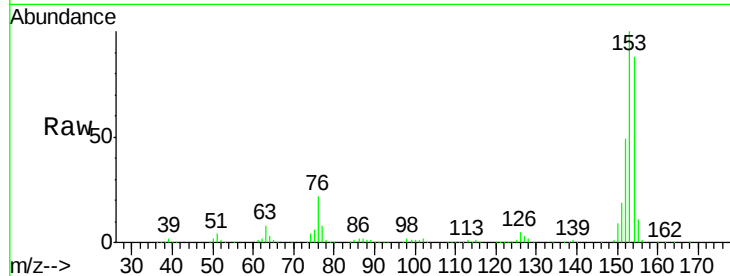
Tgt Ion:154 Resp: 761307

Ion Ratio Lower Upper

154 100

153 114.2 91.6 137.4

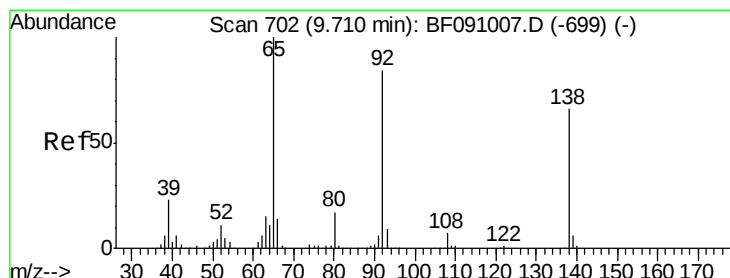
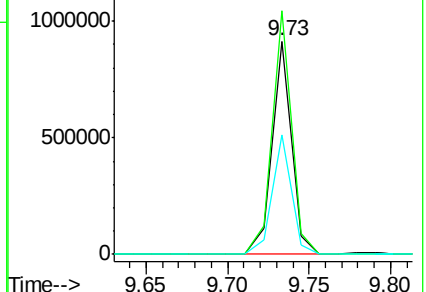
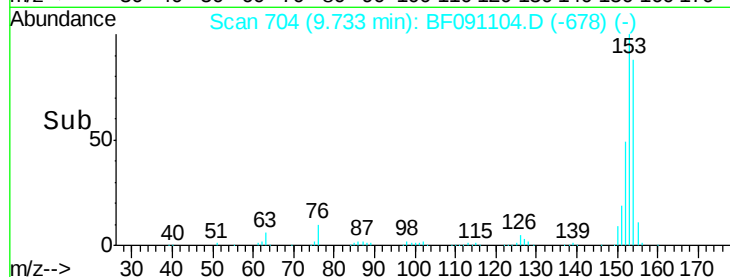
152 55.8 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.55 ng

RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF091104.D

Acq: 9 Nov 2016 2:21

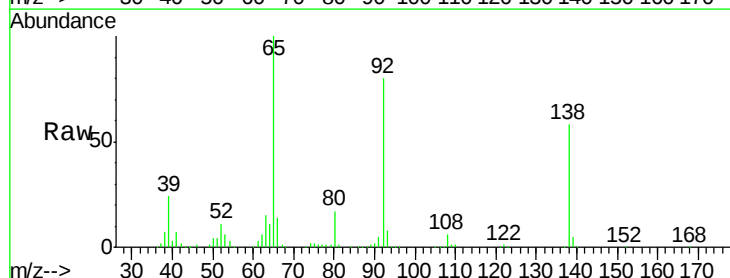
Tgt Ion:138 Resp: 224371

Ion Ratio Lower Upper

138 100

108 11.2 8.4 12.6

92 138.2 101.1 151.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

