

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091158.D
 Acq On : 11 Nov 2016 23:30
 Operator : UM/SJ
 Sample : H5628-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Quant Time: Nov 12 00:52:07 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	6.65	152	189454	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	716782	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	379453	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	623853	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	462408	20.00	ng	-0.02
86) Perylene-d12	15.15	264	334790	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1476359	128.70	ng	0.00
7) Phenol-d6	6.32	99	1878737	120.66	ng	0.00
23) Nitrobenzene-d5	7.22	82	1077350	81.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	480529	140.08	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1789217	81.18	ng	-0.02
78) Terphenyl-d14	12.74	244	1986497	107.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	213874	32.59	ng	97
3) Pyridine	2.81	79	561913	36.60	ng	96
4) n-Nitrosodimethylamine	2.77	42	276227	45.49	ng	91
6) Aniline	6.32	93	621943	33.86	ng	# 89
8) 2-Chlorophenol	6.44	128	614418	44.90	ng	# 80
9) Benzaldehyde	6.20	77	60546	7.01	ng	99
10) Phenol	6.33	94	987277	57.29	ng	# 60
11) bis(2-Chloroethyl)ether	6.40	93	696739	47.98	ng	90
12) 1,3-Dichlorobenzene	6.82	146	573428	41.43	ng	99
13) 1,4-Dichlorobenzene	6.82	146	580111	39.07	ng	98
14) 1,2-Dichlorobenzene	6.82	146	588208	43.16	ng	97
15) Benzyl Alcohol	6.81	79	483757	44.05	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	610420	29.36	ng	# 17
17) 2-Methylphenol	6.93	107	479242	44.24	ng	97
18) Hexachloroethane	7.15	117	205110	35.69	ng	90
19) n-Nitroso-di-n-propylamine	7.08	70	393810	36.50	ng	# 91
20) 3+4-Methylphenols	7.09	107	579088	44.52	ng	95
22) Acetophenone	7.07	105	758182	45.94	ng	# 91
24) Nitrobenzene	7.24	77	609108	41.97	ng	96
25) Isophorone	7.48	82	1102571	43.55	ng	98
26) 2-Nitrophenol	7.56	139	312529	50.89	ng	# 61
27) 2,4-Dimethylphenol	7.61	122	449438	44.25	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	690475	49.92	ng	100
29) 2,4-Dichlorophenol	7.80	162	451986	50.99	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	515275	51.70	ng	97
31) Naphthalene	7.95	128	1505187	43.91	ng	99
32) Benzoic acid	7.73	122	69301	12.90	ng	88
33) 4-Chloroaniline	8.02	127	291432	20.44	ng	98
34) Hexachlorobutadiene	8.08	225	290602	54.02	ng	98
35) Caprolactam	8.41	113	84074	30.19	ng	# 68
36) 4-Chloro-3-methylphenol	8.52	107	508868	47.42	ng	95
37) 2-Methylnaphthalene	8.65	142	1044631	47.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	534072	55.20	ng	97
40) Hexachlorocyclopentadiene	8.80	237	387547	101.28	ng	96

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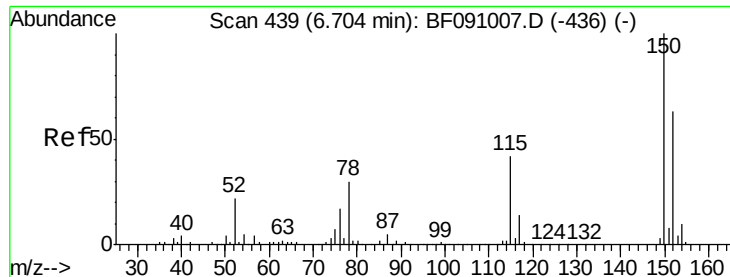
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.93	196	313717	50.23	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	332476	50.70	ng	# 92
45) 1,1'-Biphenyl	9.12	154	1324263	47.79	ng	96
46) 2-Chloronaphthalene	9.14	162	1042600	49.56	ng	94
47) 2-Nitroaniline	9.24	65	299654	38.38	ng	93
48) Acenaphthylene	9.55	152	1527698	46.60	ng	99
49) Dimethylphthalate	9.42	163	1280458	51.46	ng	100
50) 2,6-Dinitrotoluene	9.49	165	255506	47.92	ng	# 42
51) Acenaphthene	9.72	154	932174	45.29	ng	100
52) 3-Nitroaniline	9.65	138	185055	29.27	ng	95
53) 2,4-Dinitrophenol	9.77	184	189693	66.46	ng	92
54) Dibenzofuran	9.89	168	1354086	48.88	ng	93
55) 4-Nitrophenol	9.85	139	334863	79.55	ng	# 72
56) 2,4-Dinitrotoluene	9.89	165	326887	48.18	ng	94
57) Fluorene	10.24	166	1075895	47.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	296739	57.76	ng	88
59) Diethylphthalate	10.12	149	1117877	43.82	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	485340	47.09	ng	# 89
61) 4-Nitroaniline	10.27	138	233247	36.46	ng	97
62) Azobenzene	10.38	77	1295779	43.15	ng	91
64) 4,6-Dinitro-2-methylphenol	10.30	198	176264	46.14	ng	94
65) n-Nitrosodiphenylamine	10.35	169	881679	44.46	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	341829	52.68	ng	# 67
67) Hexachlorobenzene	10.77	284	353220	49.35	ng	94
68) Atrazine	10.89	200	324514	56.73	ng	99
69) Pentachlorophenol	10.98	266	337154	106.36	ng	100
70) Phenanthrene	11.18	178	1388051	41.85	ng	100
71) Anthracene	11.24	178	1633147	46.32	ng	100
72) Carbazole	11.40	167	1453170	45.74	ng	98
73) Di-n-butylphthalate	11.73	149	1581836	39.58	ng	99
74) Fluoranthene	12.37	202	1689021	49.11	ng	89
76) Benzidine	12.50	184	583386	56.47	ng	97
77) Pyrene	12.59	202	1504833	49.69	ng	100
79) Butylbenzylphthalate	13.22	149	719385	49.66	ng	98
80) Benzo(a)anthracene	13.78	228	1227031	46.74	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	314000	34.04	ng	# 97
82) Chrysene	13.81	228	1043796	40.32	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	964938	49.22	ng	100
84) Di-n-octyl phthalate	14.40	149	1491422	46.27	ng	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1136411	52.91	ng	95
87) Benzo(b)fluoranthene	14.81	252	1941158	85.49	ng	99
88) Benzo(k)fluoranthene	14.81	252	1941158	97.46	ng	97
89) Benzo(a)pyrene	15.11	252	934023	47.25	ng	99
90) Dibenzo(a,h)anthracene	16.44	278	940583	55.04	ng	99
91) Benzo(g,h,i)perylene	16.82	276	938105	60.70	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

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SB-COMPMSD

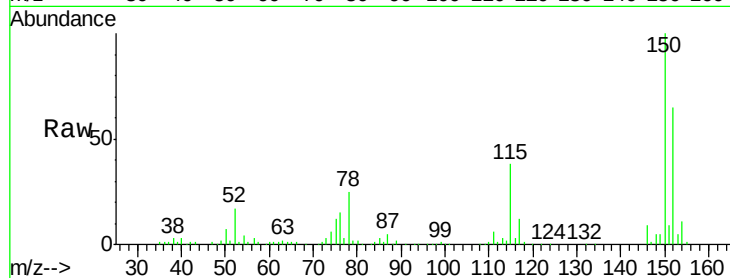
Tgt Ion:152 Resp: 189454

Ion Ratio Lower Upper

152 100

150 154.5 126.8 190.2

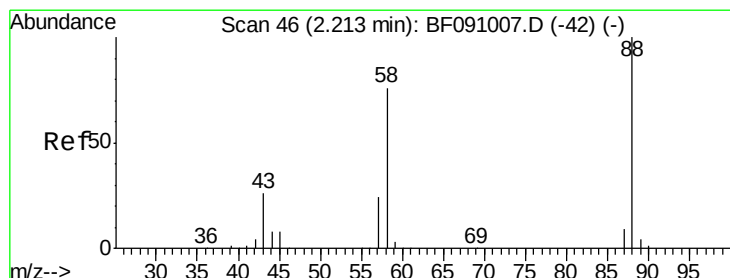
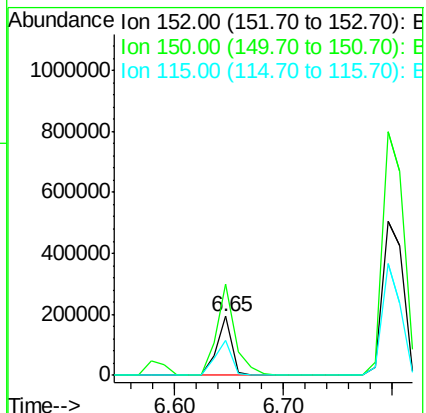
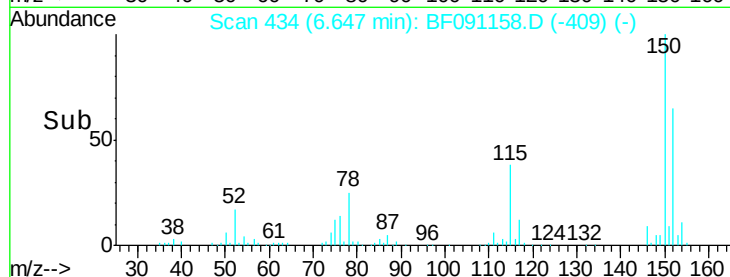
115 59.2 53.3 79.9



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: 32.59 ng

RT: 2.16 min Scan# 41

Delta R.T. 0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

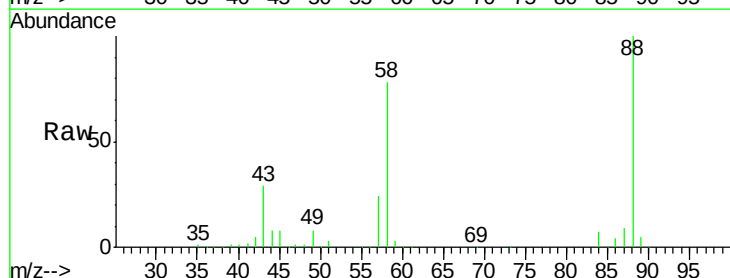
Tgt Ion: 88 Resp: 213874

Ion Ratio Lower Upper

88 100

58 80.6 63.8 95.6

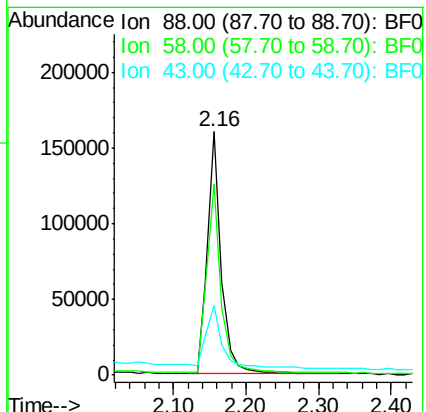
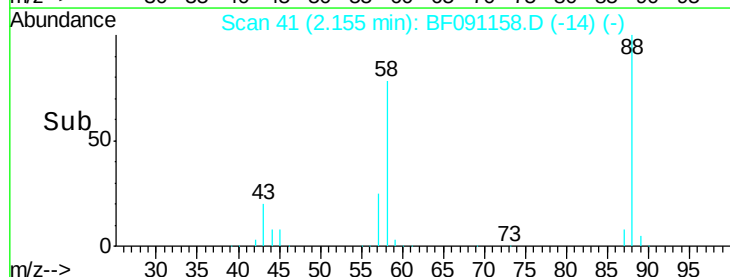
43 32.1 22.6 33.8

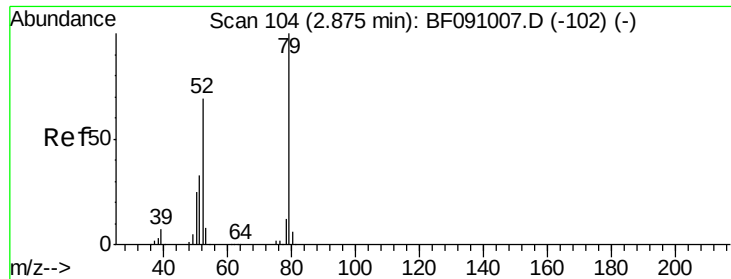


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.60 ng

RT: 2.81 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF091158.D

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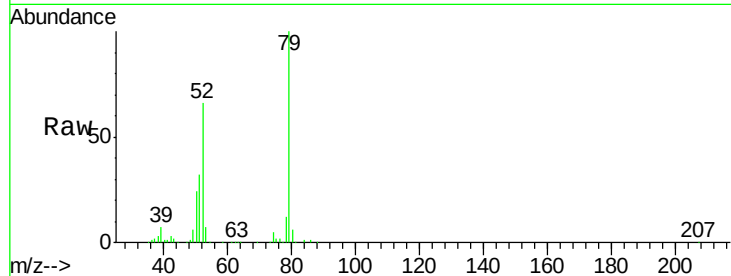
Tgt Ion: 79 Resp: 561913

Ion Ratio Lower Upper

79 100

52 66.1 55.4 83.0

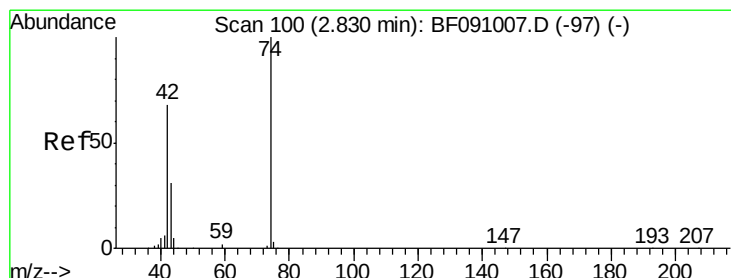
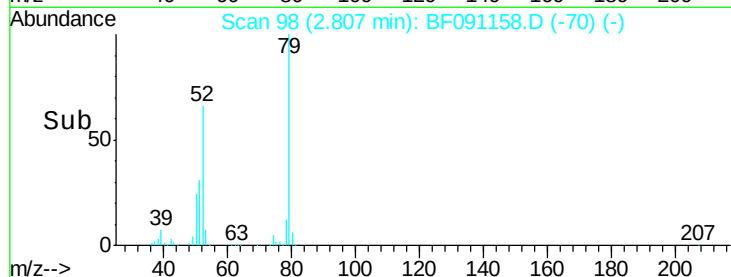
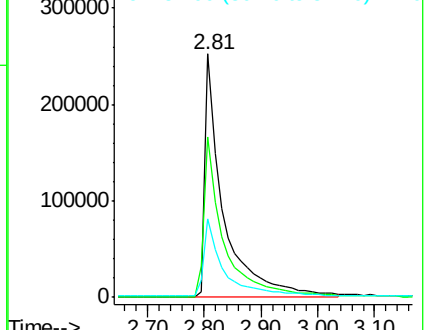
51 32.1 27.4 41.0



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: 45.49 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

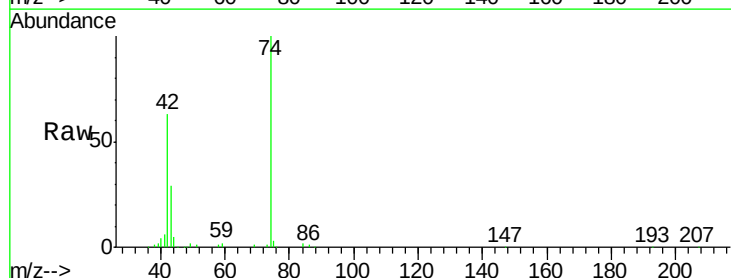
Tgt Ion: 42 Resp: 276227

Ion Ratio Lower Upper

42 100

74 158.9 117.3 175.9

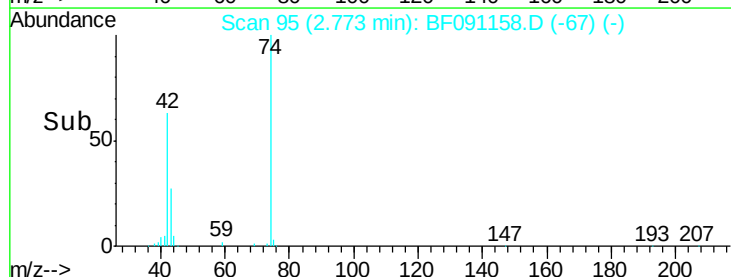
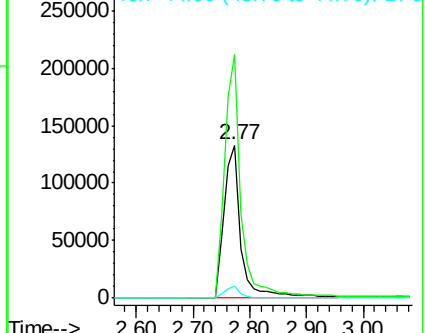
44 7.6 5.8 8.8

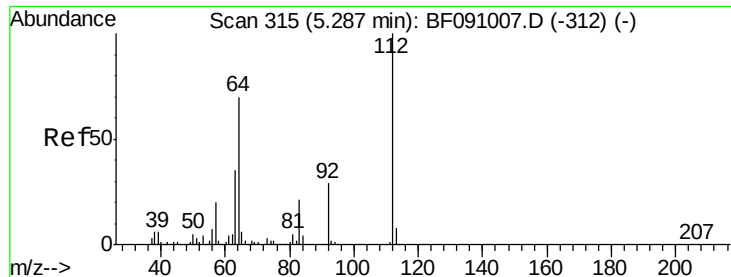


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091158.D

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SB-COMPMSD

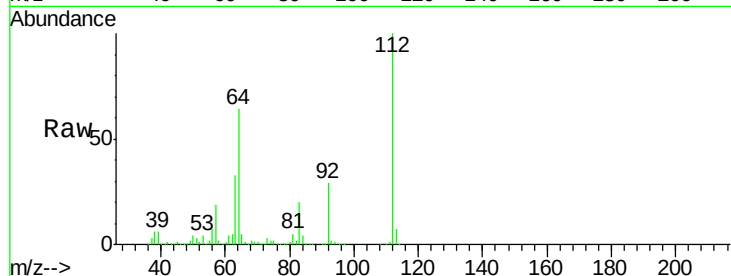
Tgt Ion: 112 Resp: 1476359

Ion Ratio Lower Upper

112 100

64 64.4 55.8 83.6

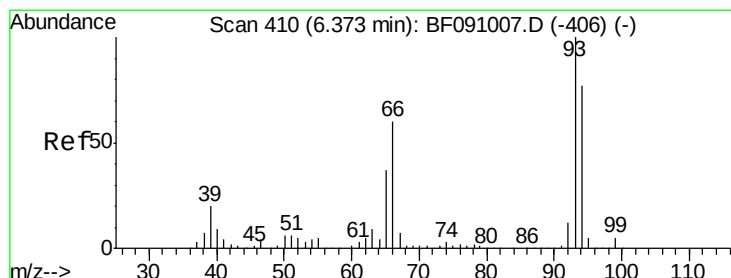
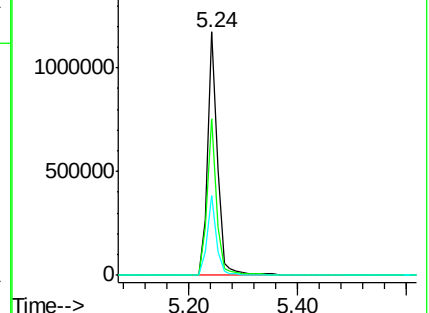
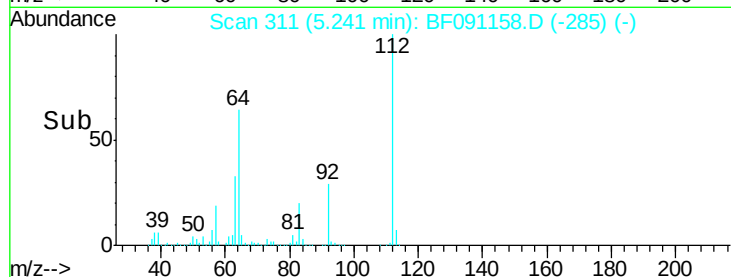
63 32.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.86 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

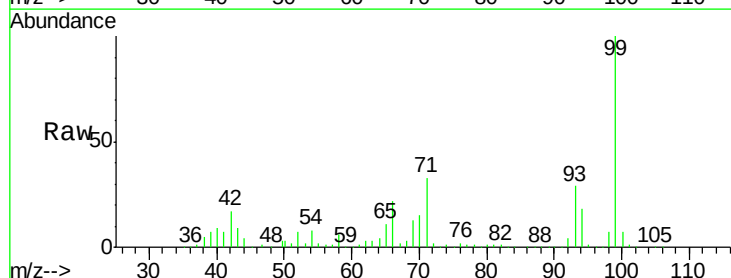
Tgt Ion: 93 Resp: 621943

Ion Ratio Lower Upper

93 100

66 73.3 48.2 72.2#

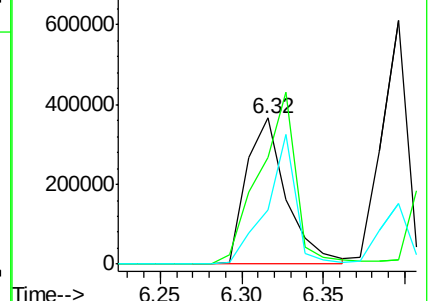
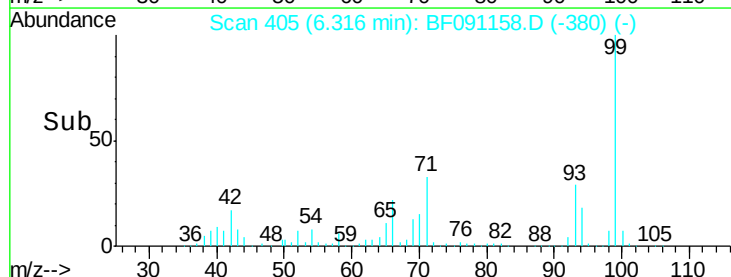
65 36.7 29.4 44.0

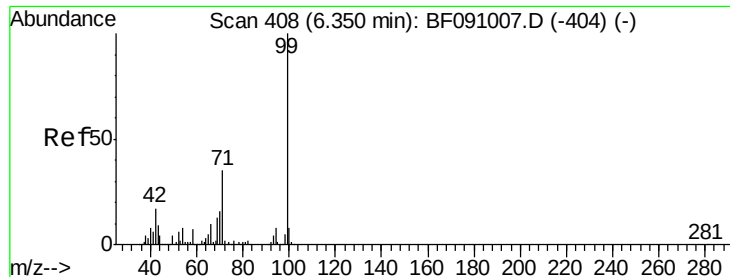


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.66 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

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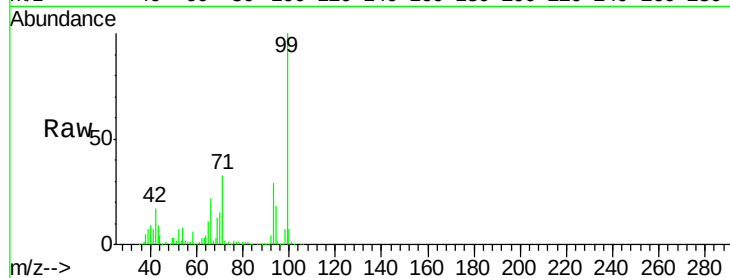
Tgt Ion: 99 Resp: 1878737

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

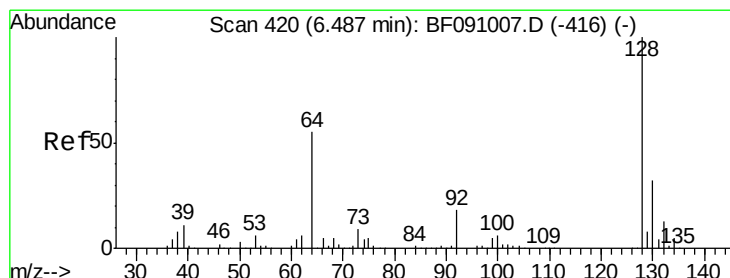
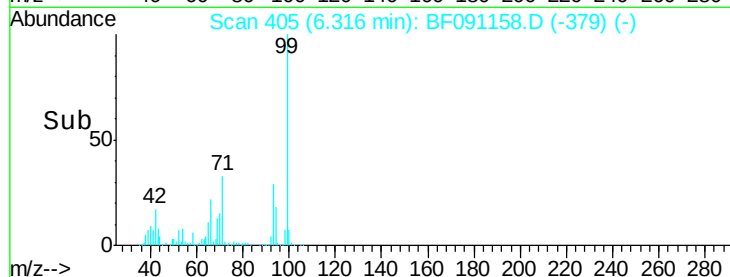
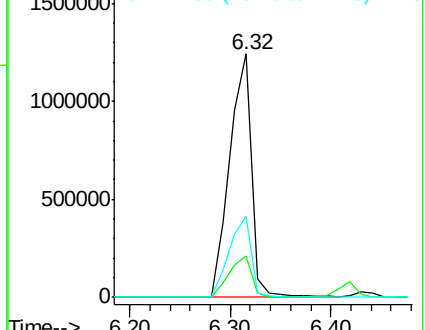
71 33.5 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.90 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

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Acq: 11 Nov 2016 23:30

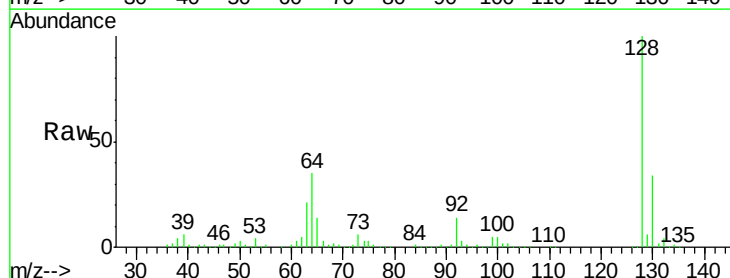
Tgt Ion: 128 Resp: 614418

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

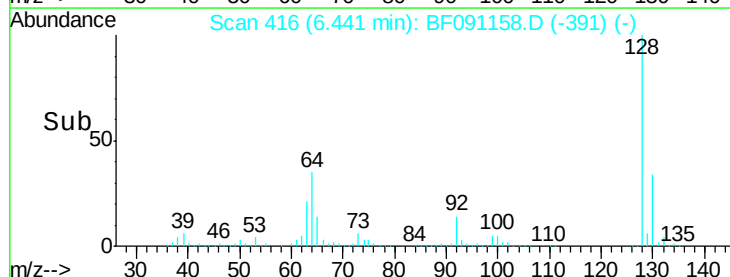
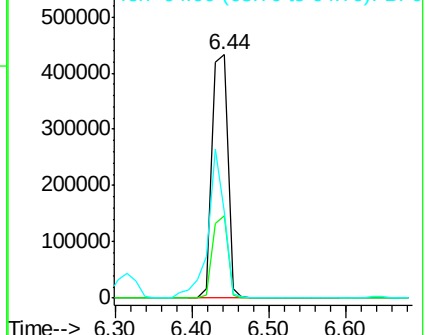
64 35.3 37.2 77.2#

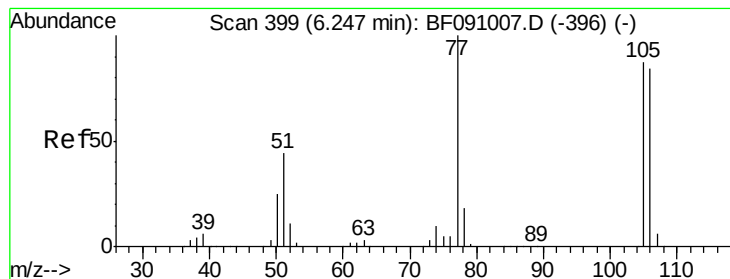


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.01 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

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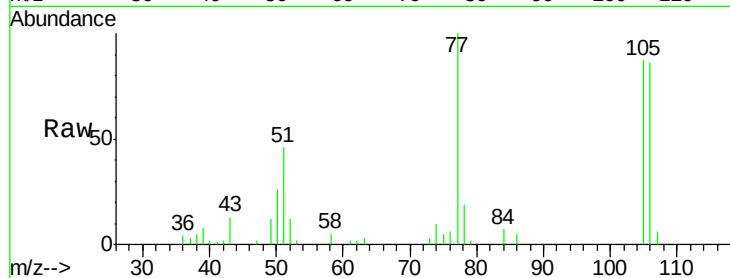
Tgt Ion: 77 Resp: 60546

Ion Ratio Lower Upper

77 100

105 87.3 66.8 106.8

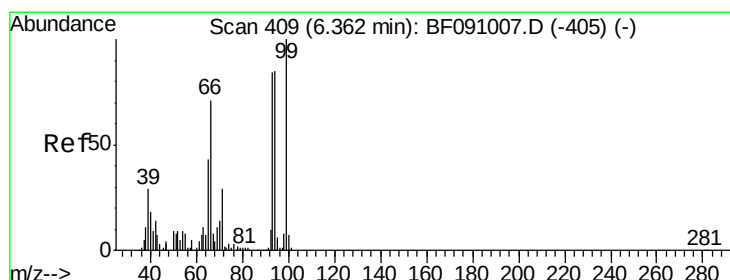
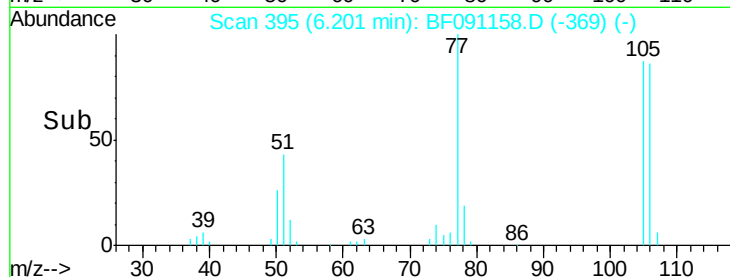
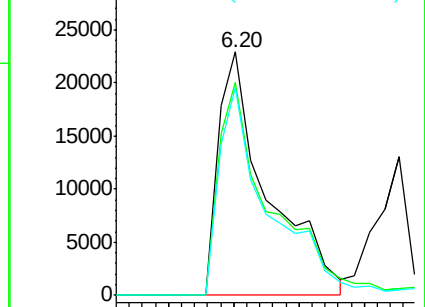
106 85.6 64.0 104.0



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: 57.29 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

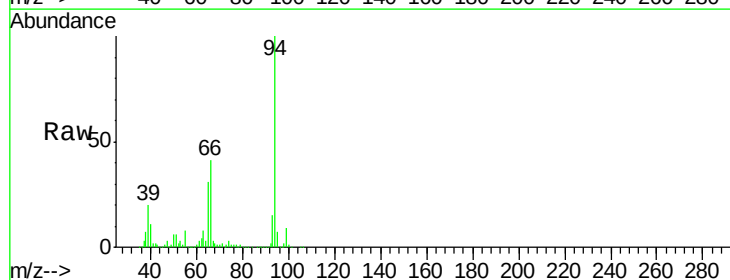
Tgt Ion: 94 Resp: 987277

Ion Ratio Lower Upper

94 100

65 30.9 30.4 70.4

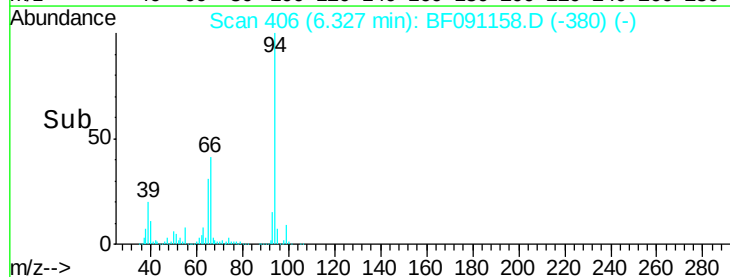
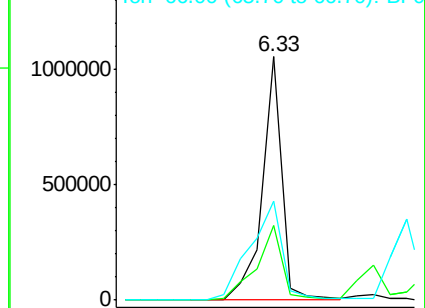
66 40.8 62.9 102.9#

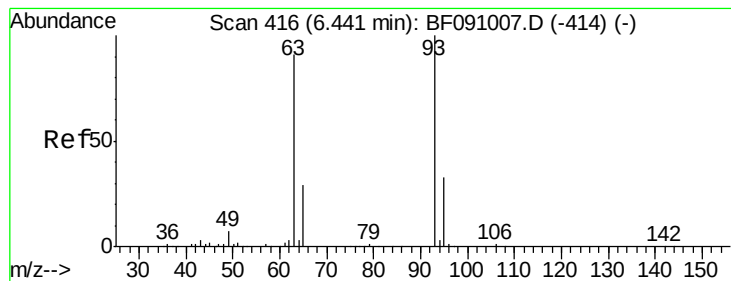


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.98 ng

RT: 6.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

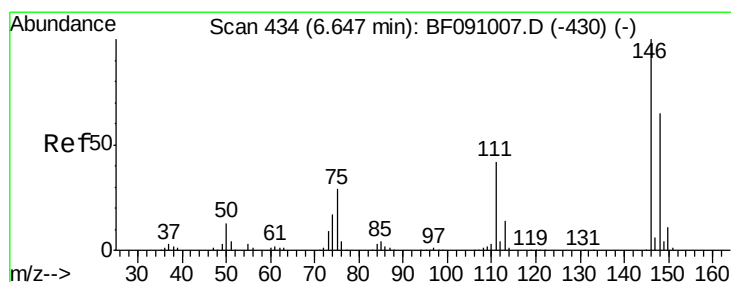
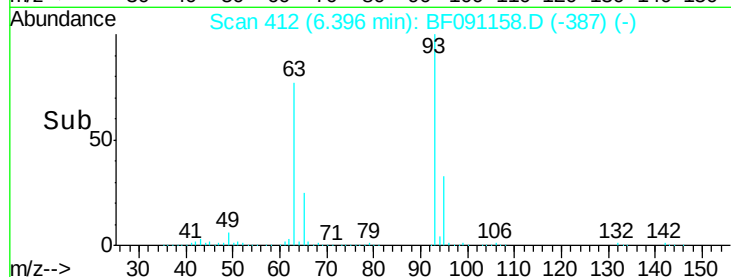
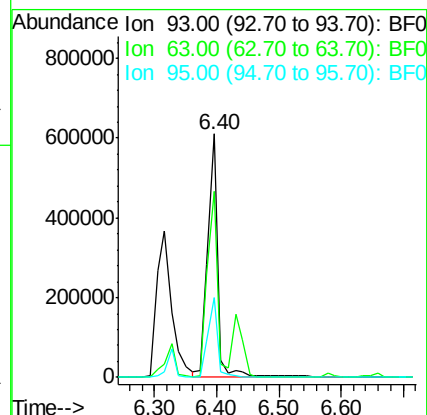
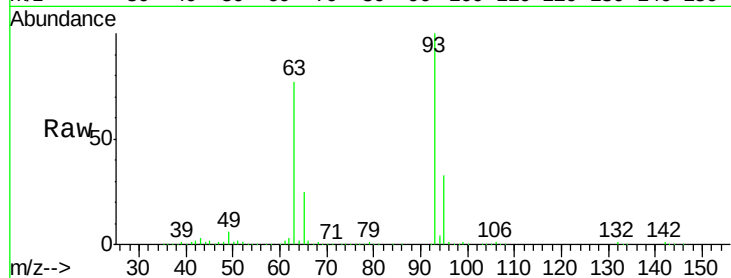
Tgt Ion: 93 Resp: 696739

Ion Ratio Lower Upper

93 100

63 76.5 68.9 108.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.43 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.22 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

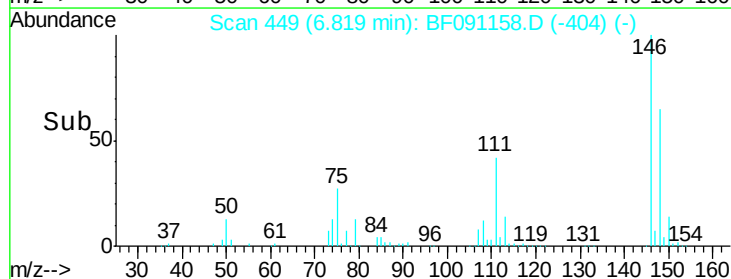
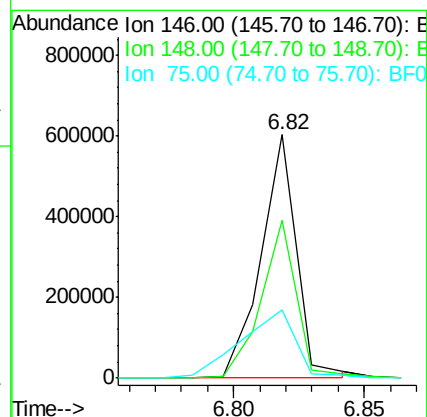
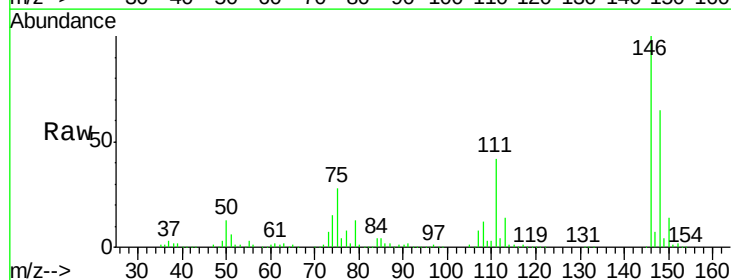
Tgt Ion: 146 Resp: 573428

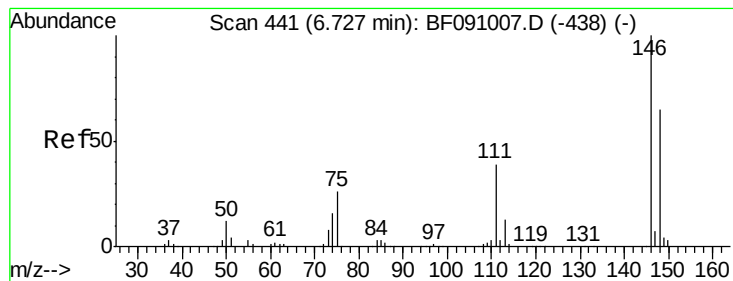
Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

75 27.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 39.07 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

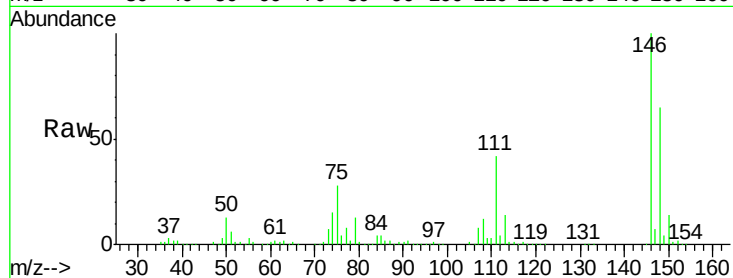
Tgt Ion:146 Resp: 580111

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

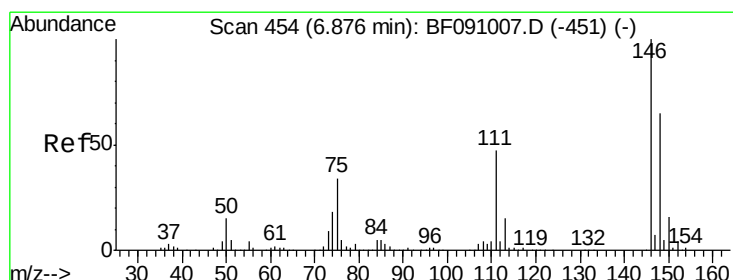
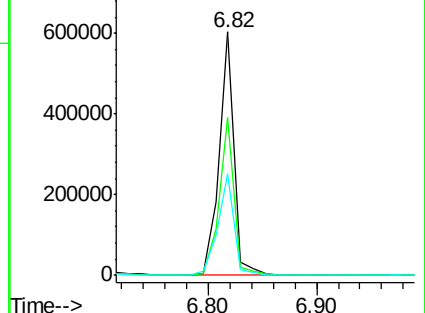
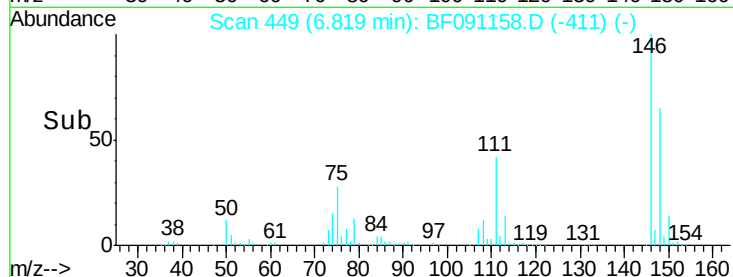
111 41.9 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.16 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

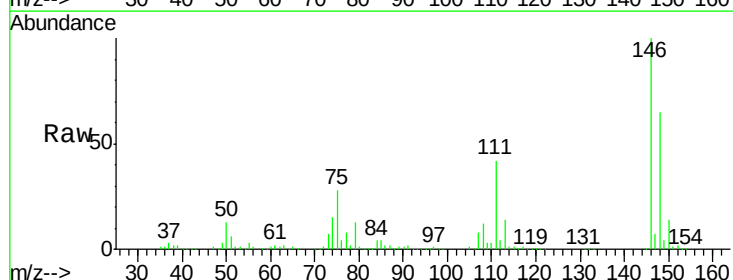
Tgt Ion:146 Resp: 588208

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

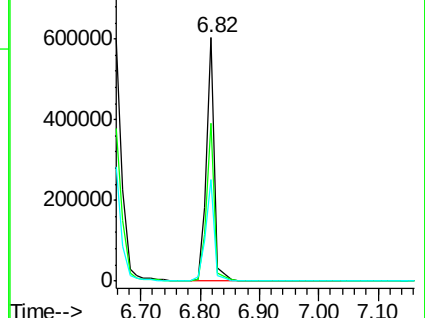
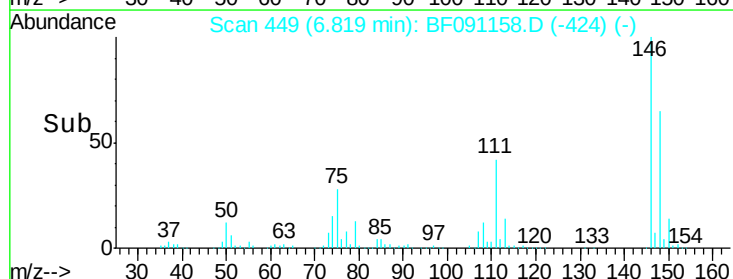
111 41.9 37.3 55.9

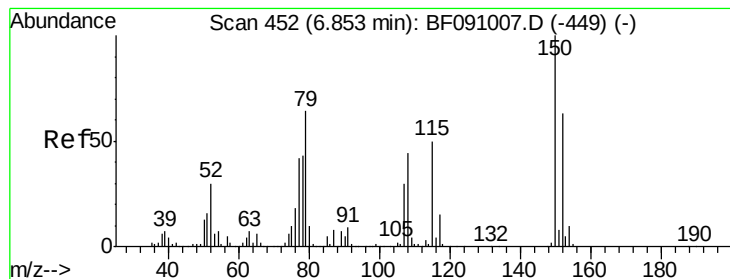


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.05 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

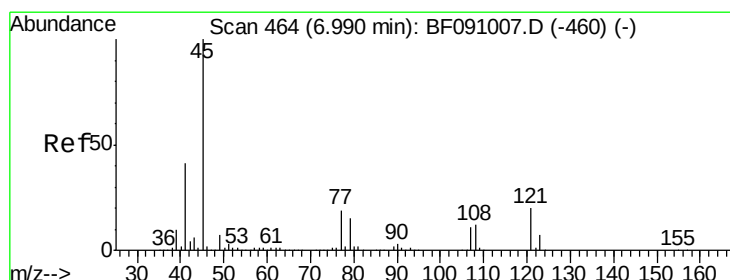
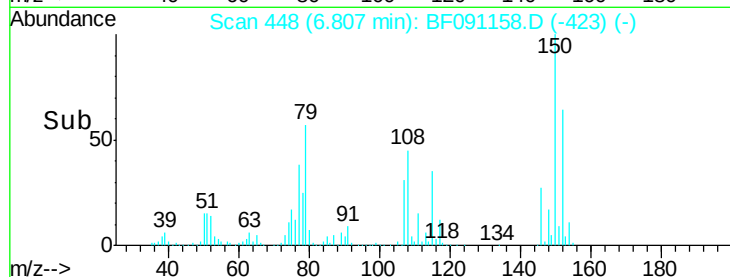
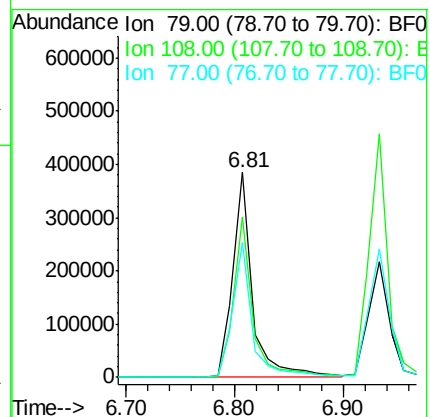
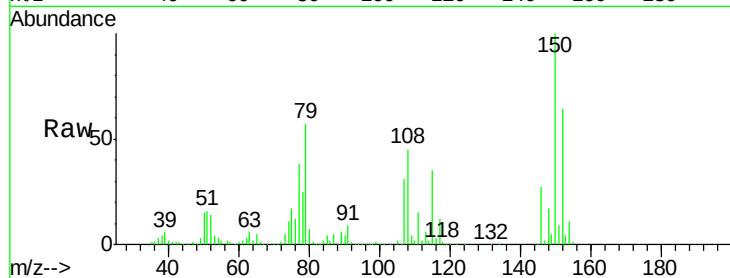
Tgt Ion: 79 Resp: 483757

Ion Ratio Lower Upper

79 100

108 78.1 55.7 83.5

77 65.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.36 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

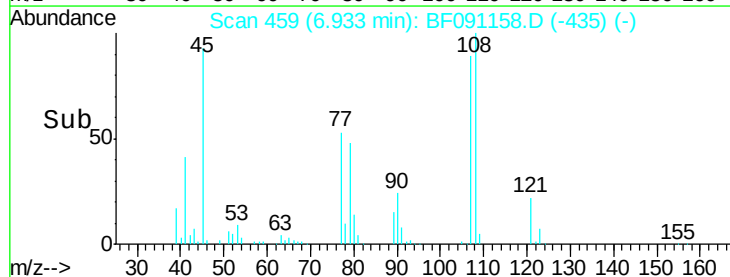
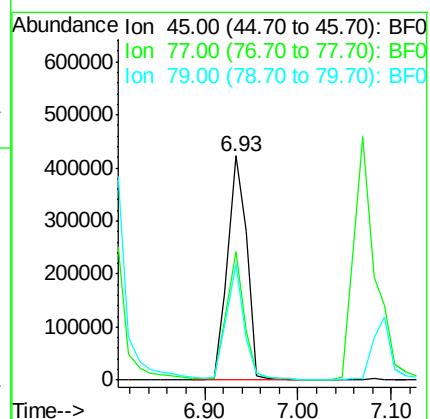
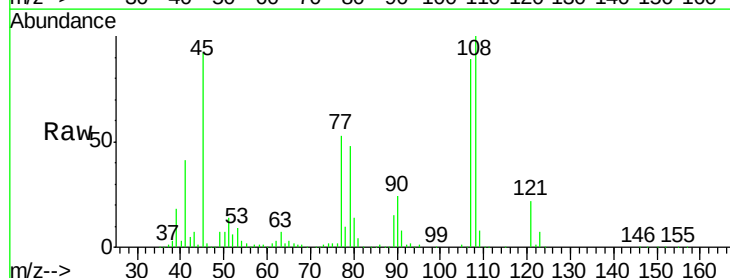
Tgt Ion: 45 Resp: 610420

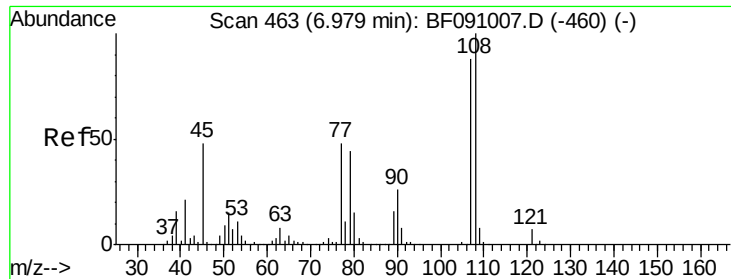
Ion Ratio Lower Upper

45 100

77 57.2 0.0 39.6#

79 51.5 0.0 35.9#

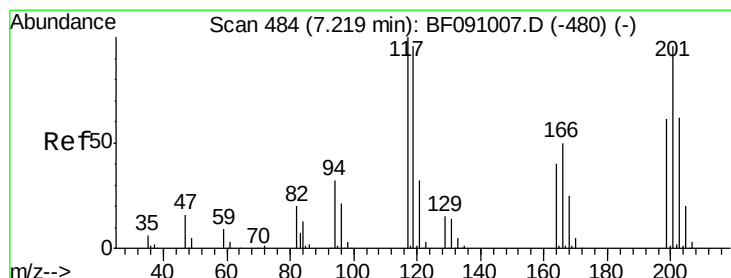
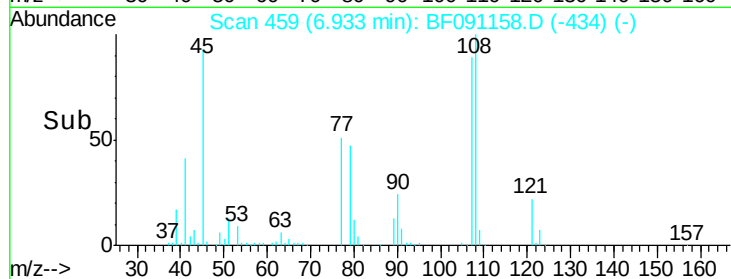
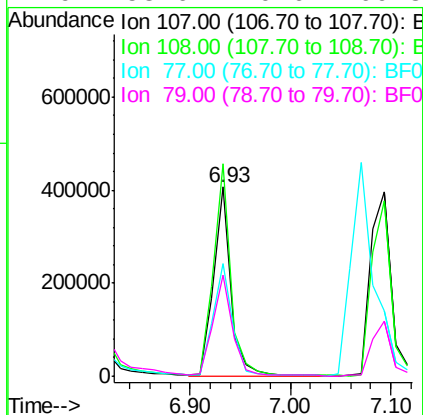
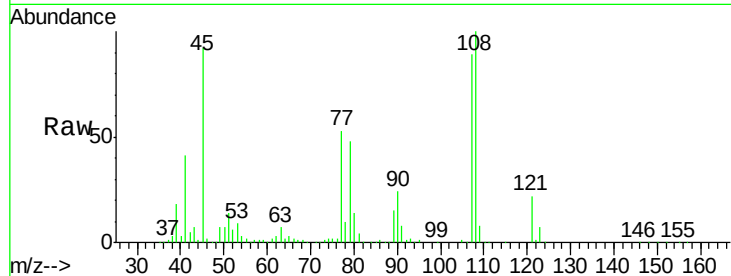




#17
2-Methylphenol
Concen: 44.24 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

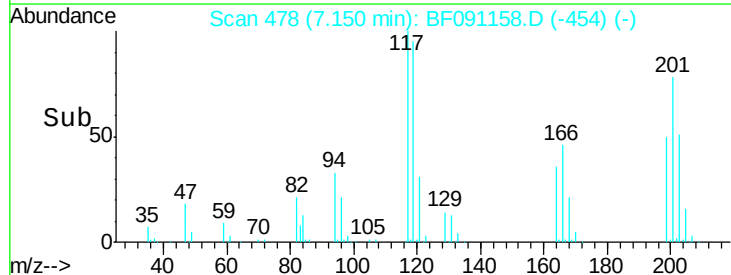
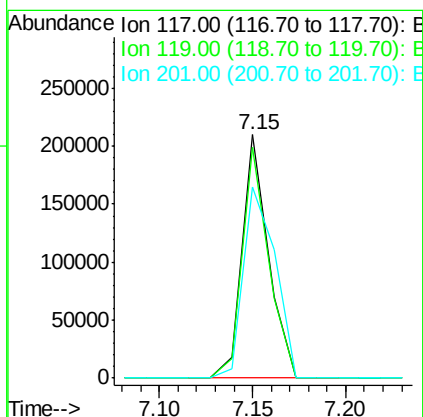
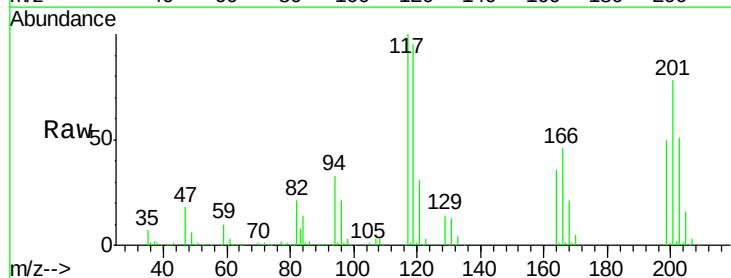
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

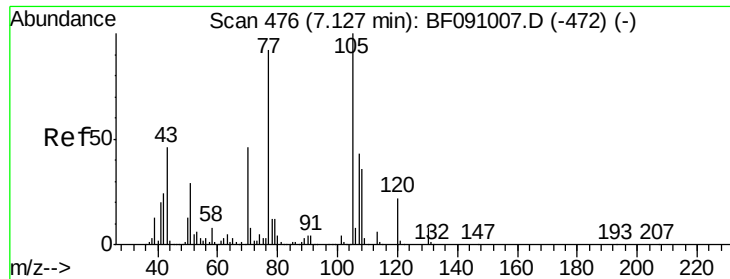
Tgt Ion:107 Resp: 479242
Ion Ratio Lower Upper
107 100
108 112.6 91.0 136.6
77 59.5 43.8 65.8
79 53.6 40.6 60.8



#18
Hexachloroethane
Concen: 35.69 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:117 Resp: 205110
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0
201 78.5 77.1 115.7

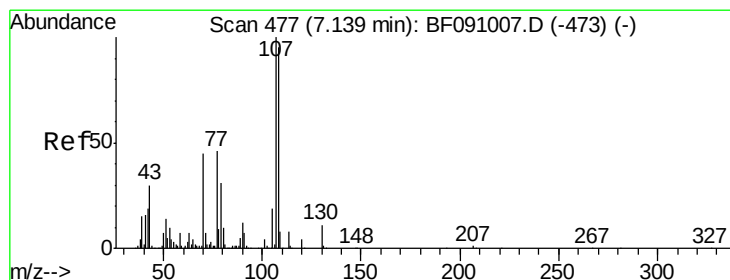
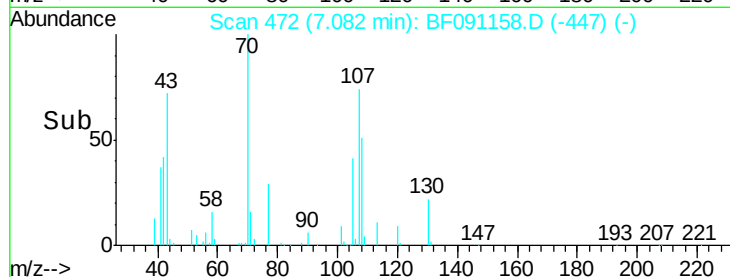
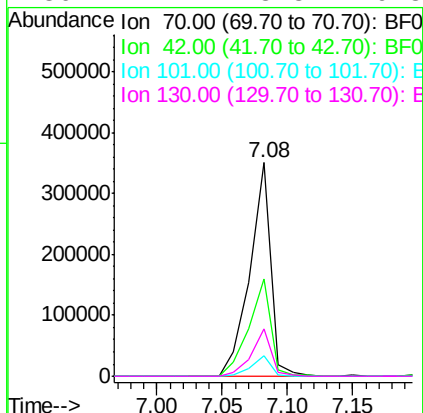
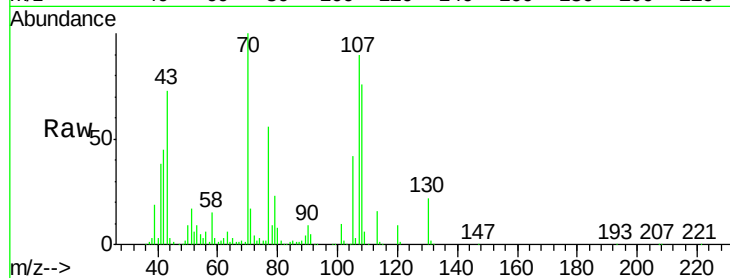




#19
n-Nitroso-di-n-propylamine
Concen: 36.50 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

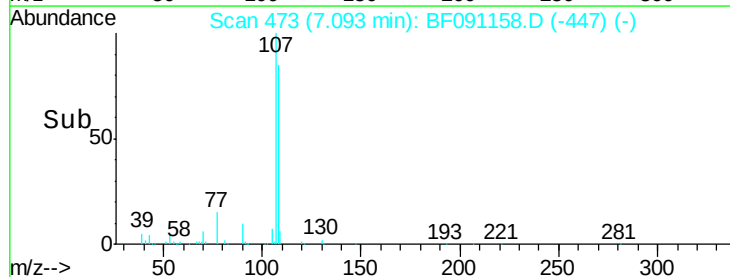
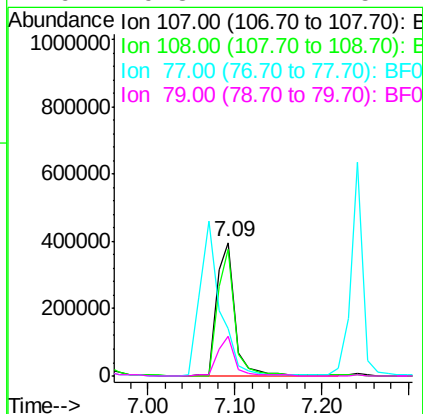
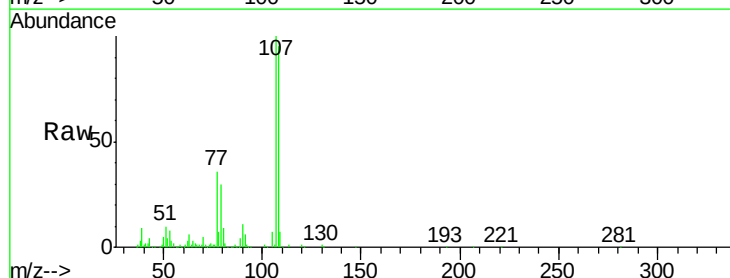
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

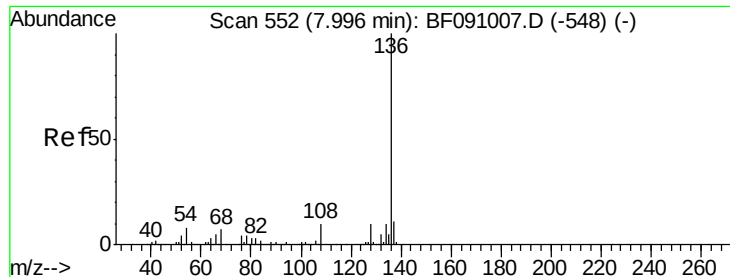
Tgt Ion: 70 Resp: 393810
Ion Ratio Lower Upper
70 100
42 45.3 41.7 62.5
101 9.7 6.7 10.1
130 22.2 13.8 20.8#



#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion: 107 Resp: 579088
Ion Ratio Lower Upper
107 100
108 94.9 75.5 115.5
77 35.8 26.4 66.4
79 29.8 11.1 51.1

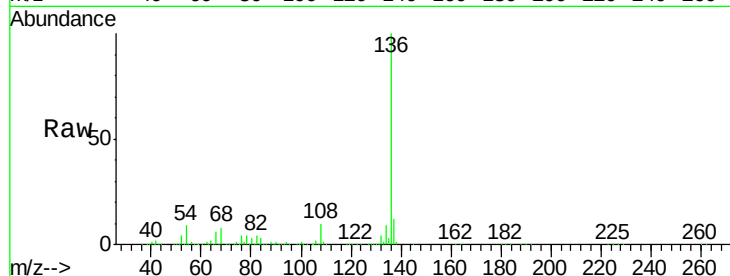




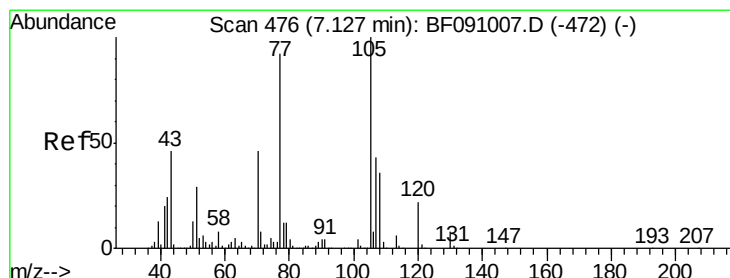
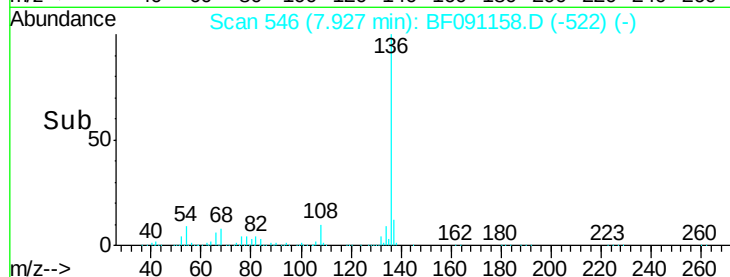
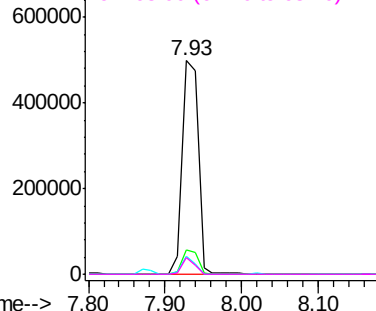
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:	136	Resp:	716782
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.6	6.2	9.2
68	7.7	5.5	8.3

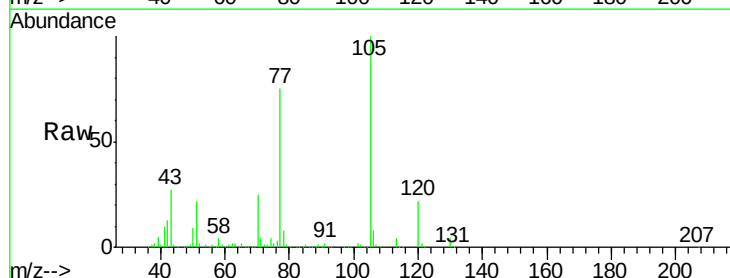


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

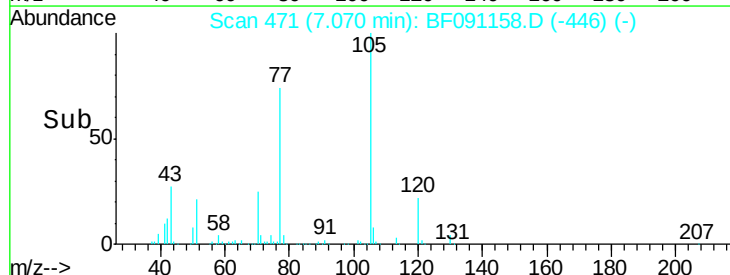
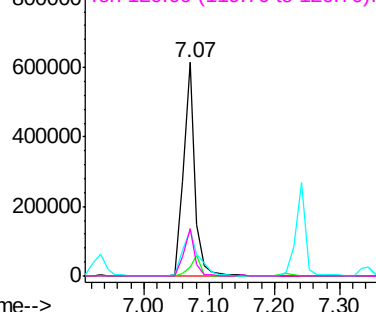


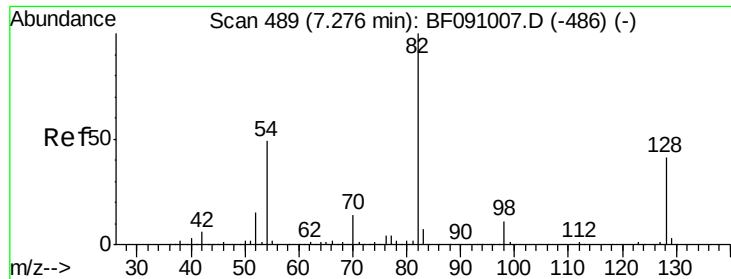
#22
Acetophenone
Concen: 45.94 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:	105	Resp:	758182
Ion	Ratio	Lower	Upper
105	100		
71	4.2	6.2	9.2#
51	21.6	23.3	34.9#
120	22.0	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

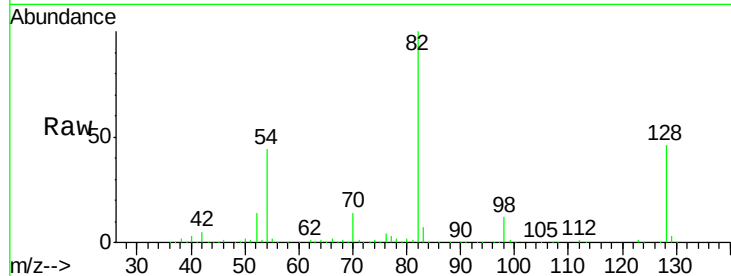




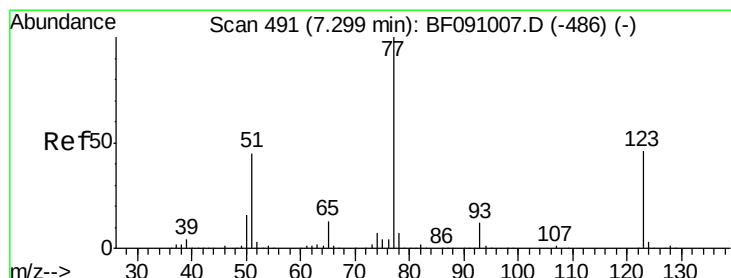
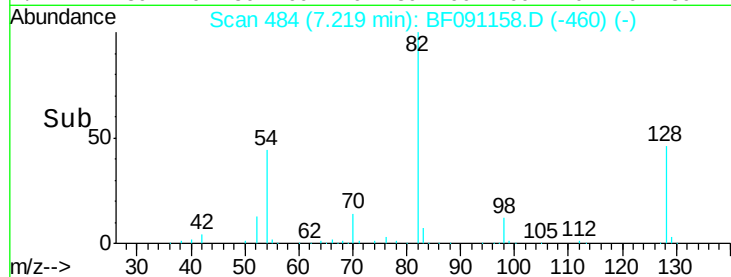
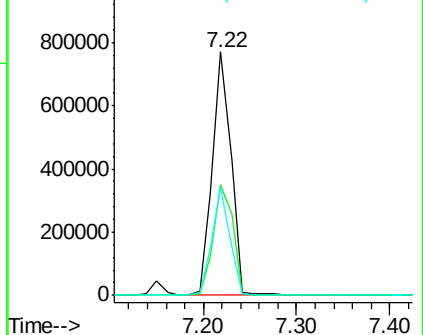
#23
 Nitrobenzene-d5
 Concen: 81.99 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion: 82 Resp: 1077350
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.4 48.6
 54 44.5 39.2 58.8

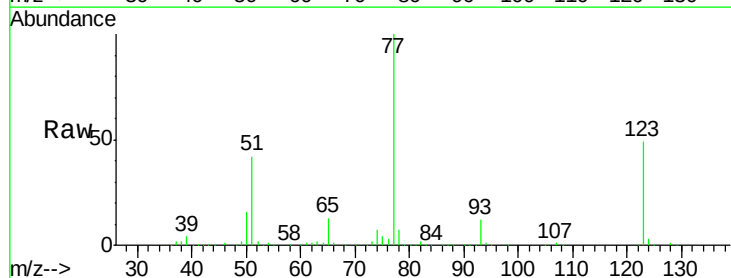


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

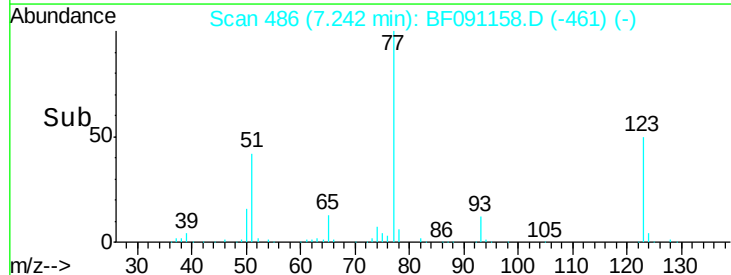
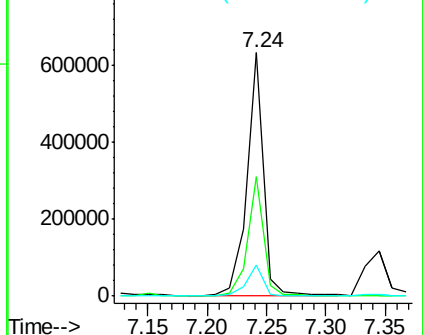


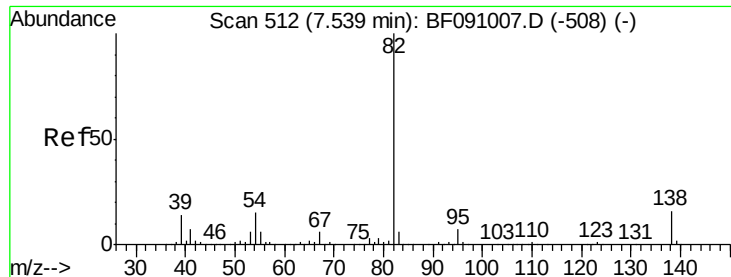
#24
 Nitrobenzene
 Concen: 41.97 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion: 77 Resp: 609108
 Ion Ratio Lower Upper
 77 100
 123 48.9 36.5 54.7
 65 12.9 10.7 16.1



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





#25

Isophorone

Concen: 43.55 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

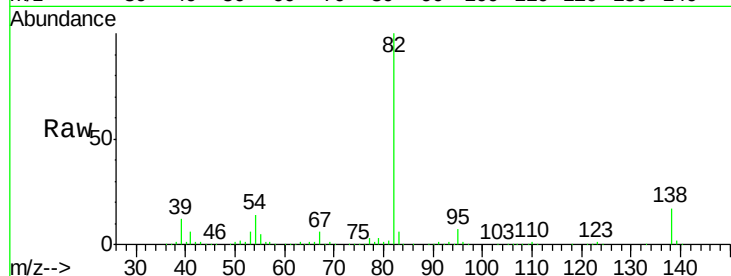
Tgt Ion: 82 Resp: 1102571

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

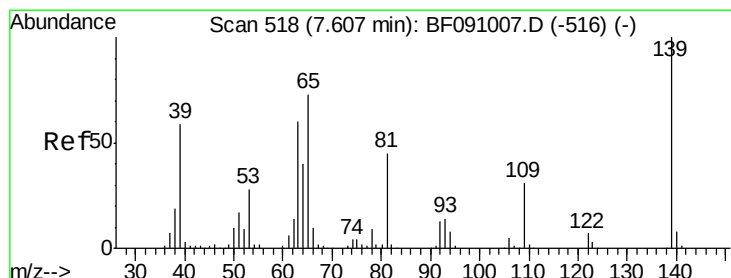
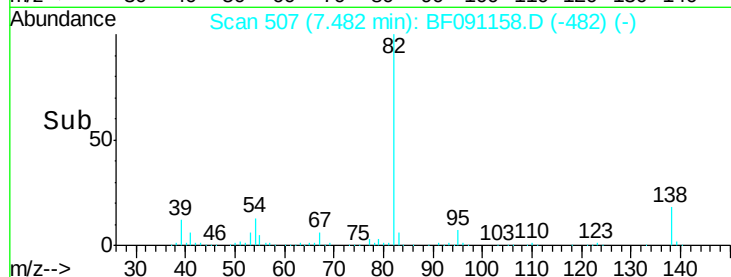
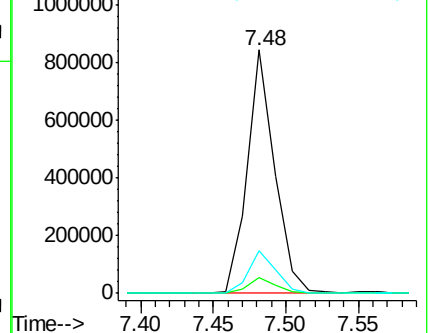
138 17.4 13.0 19.4



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: 50.89 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

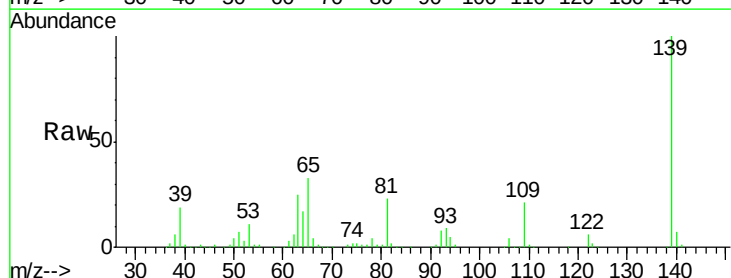
Tgt Ion: 139 Resp: 312529

Ion Ratio Lower Upper

139 100

109 21.3 24.7 37.1#

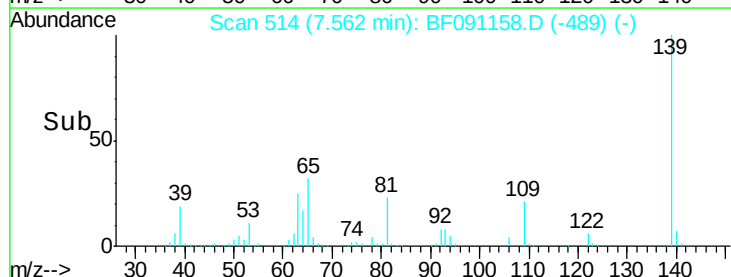
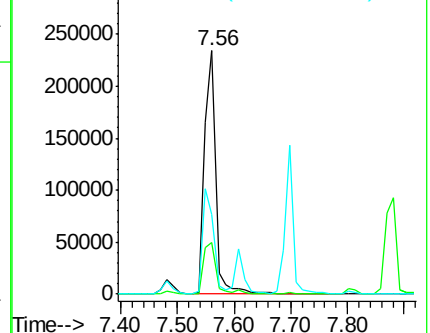
65 32.7 58.3 87.5#

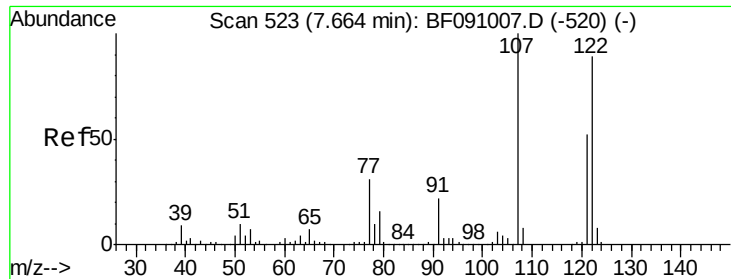


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.25 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

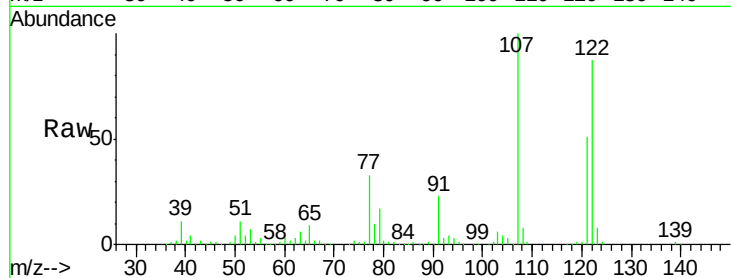
Tgt Ion:122 Resp: 449438

Ion Ratio Lower Upper

122 100

107 114.9 89.6 134.4

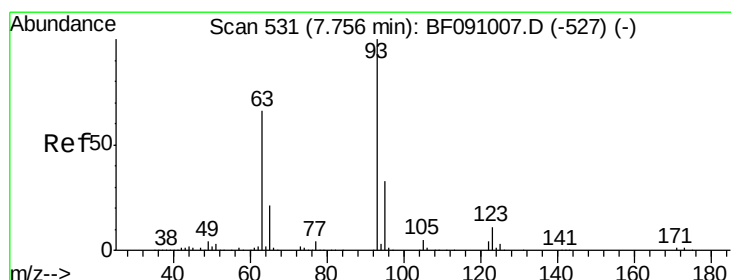
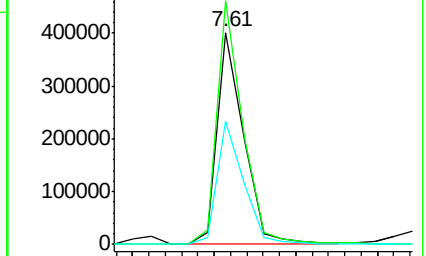
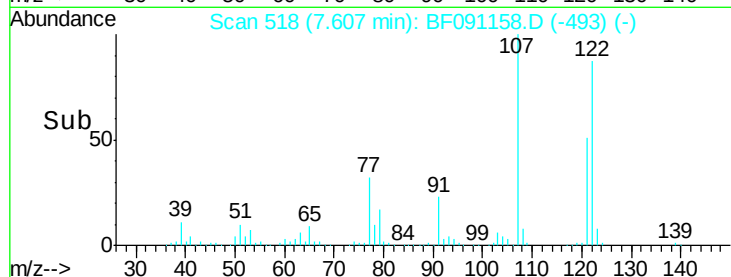
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.92 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

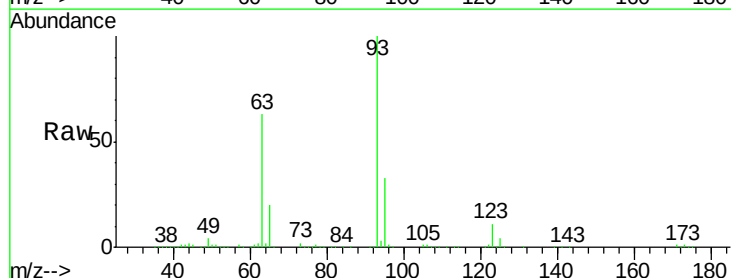
Tgt Ion: 93 Resp: 690475

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

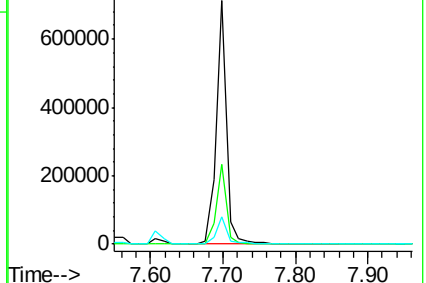
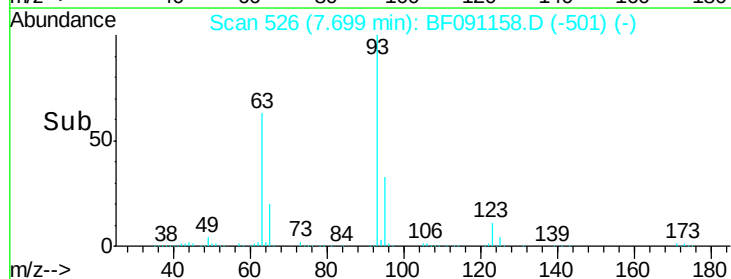
123 11.1 8.7 13.1

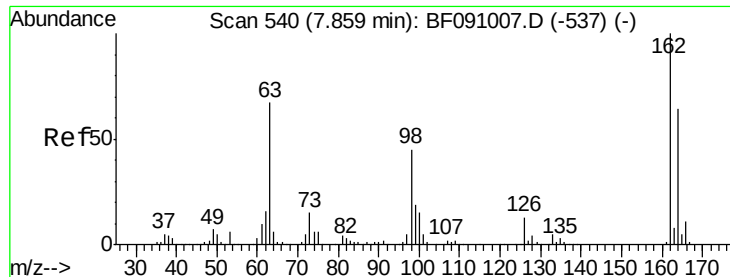


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

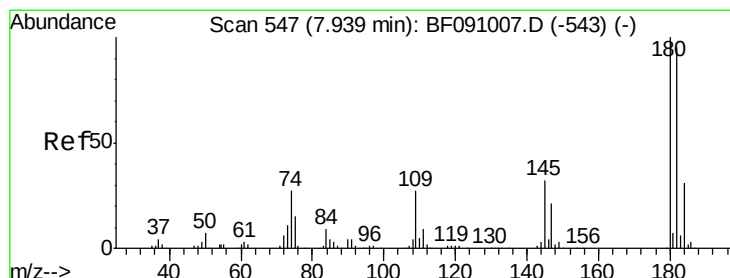
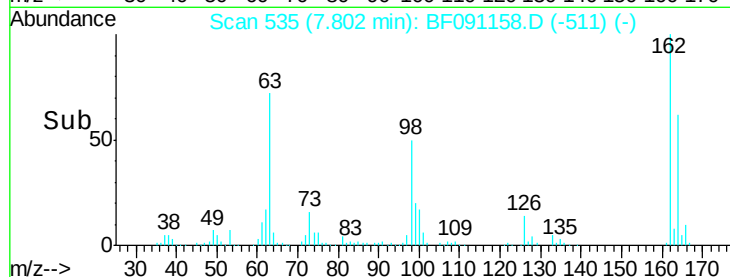
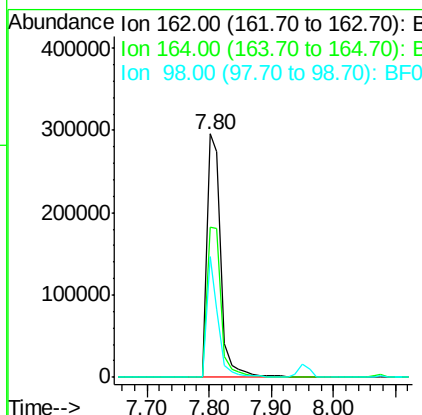
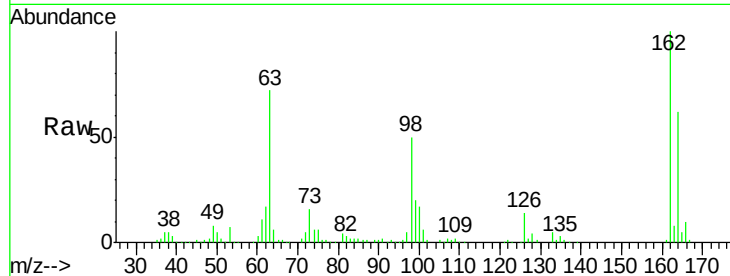




#29
 2,4-Dichlorophenol
 Concen: 50.99 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

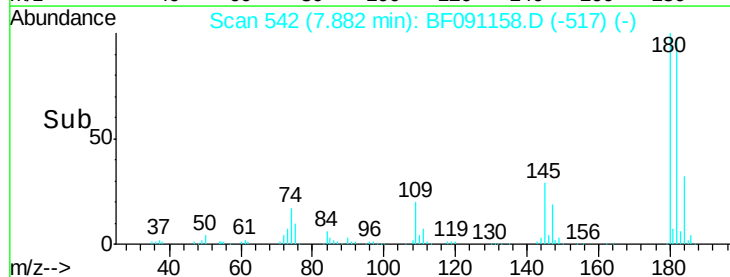
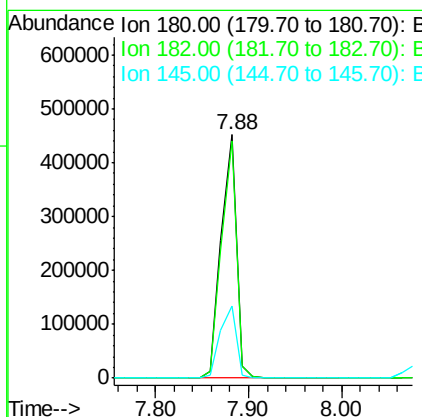
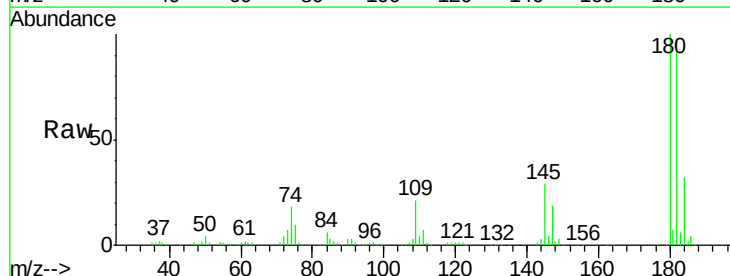
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

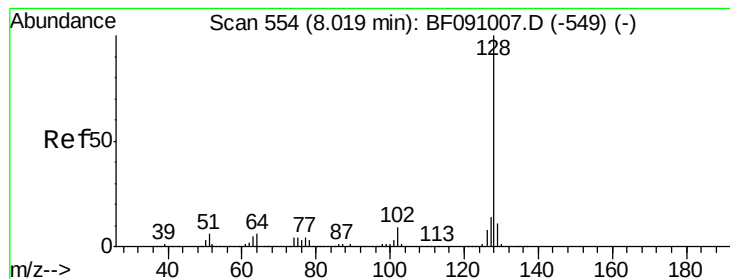
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.4	84.4
98	49.6	25.2	65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 51.70 ng
 RT: 7.88 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF091158.D
 Acq: 11 Nov 2016 23:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	29.4	25.8	38.8





#31

Naphthalene

Concen: 43.91 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

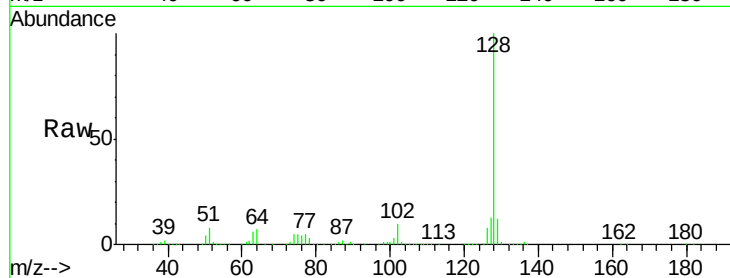
Tgt Ion:128 Resp: 1505187

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

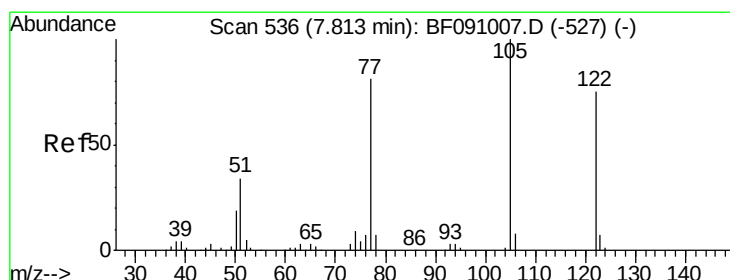
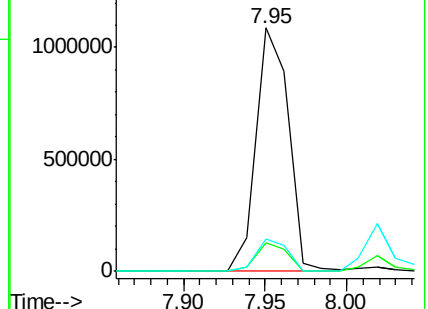
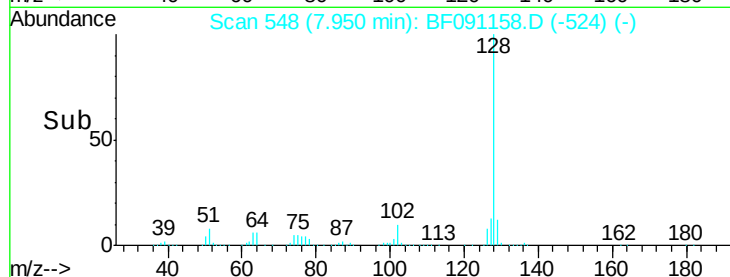
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.90 ng

RT: 7.73 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF091158.D

Acq: 11 Nov 2016 23:30

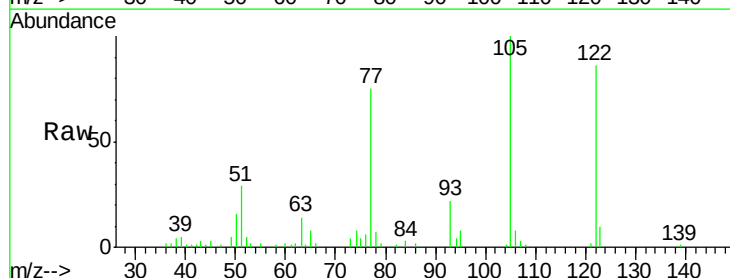
Tgt Ion:122 Resp: 69301

Ion Ratio Lower Upper

122 100

105 116.7 105.9 145.9

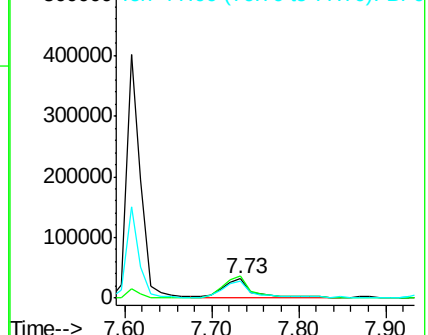
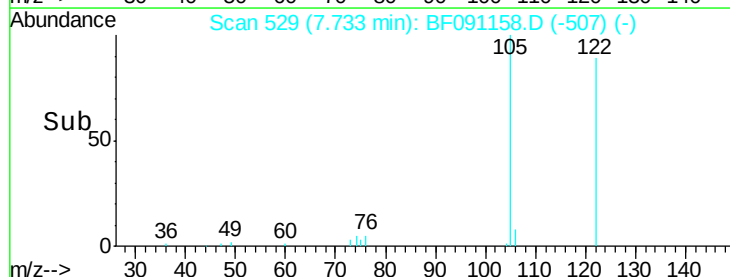
77 87.3 84.0 124.0

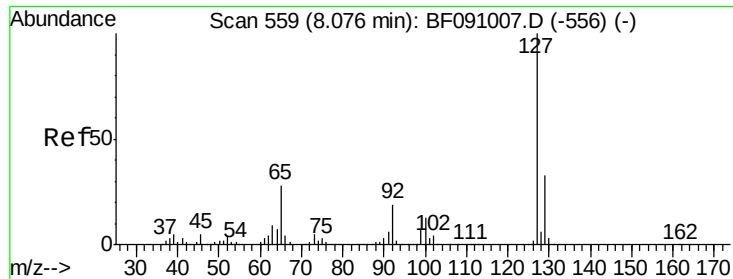


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

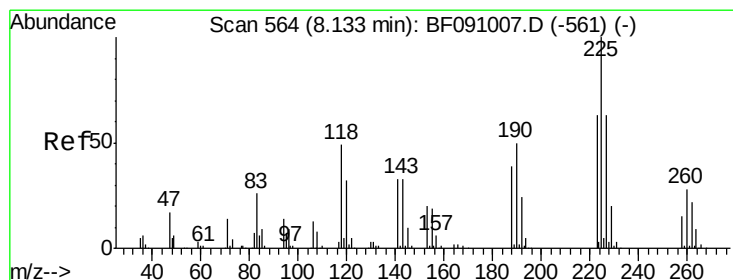
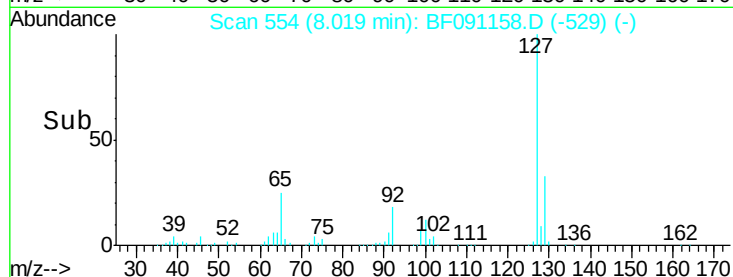
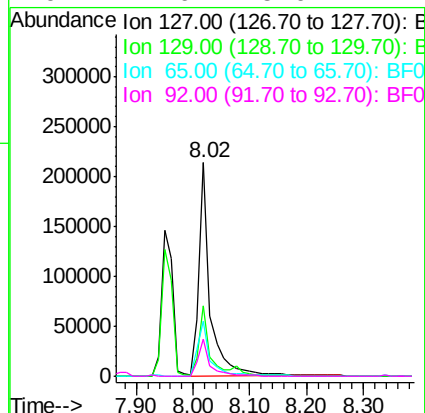
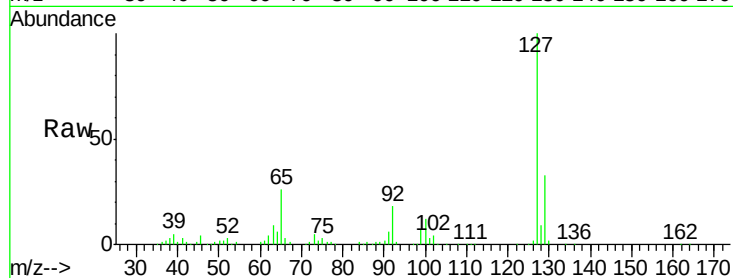




#33
4-Chloroaniline
Concen: 20.44 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:	127	Resp:	291432
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	25.9	22.2	33.2
92	17.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 54.02 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091158.D
Acq: 11 Nov 2016 23:30

Tgt Ion:	225	Resp:	290602
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.4	75.6
227	65.3	50.1	75.1

