

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090480.D
 Acq On : 8 Oct 2016 11:02
 Operator : UM/SJ
 Sample : H5134-05MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Quant Time: Oct 10 00:48:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	223454	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	531518	20.00	ng	0.01
38) Acenaphthene-d10	10.10	164	175684	20.00	ng	0.05
63) Phenanthrene-d10	11.58	188	366300	20.00	ng	0.03
75) Chrysene-d12	14.19	240	486753	20.00	ng	-0.01
86) Perylene-d12	15.70	264	440185	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1241634	82.93	ng	0.00
7) Phenol-d6	6.63	99	1800432	91.81	ng	0.01
23) Nitrobenzene-d5	7.56	82	845474	77.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.89	330	207412	145.19	ng	0.03
44) 2-Fluorobiphenyl	9.40	172	905596	85.88	ng	0.02
78) Terphenyl-d14	13.14	244	1253024	57.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	179504	24.32	ng	# 85
3) Pyridine	3.47	79	541740	26.32	ng	# 76
4) n-Nitrosodimethylamine	3.40	42	213190	25.10	ng	# 41
6) Aniline	6.66	93	456380	16.85	ng	94
8) 2-Chlorophenol	6.78	128	514201	31.21	ng	94
9) Benzaldehyde	6.53	77	213226	21.51	ng	90
10) Phenol	6.65	94	775692	34.02	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	581383	33.31	ng	95
12) 1,3-Dichlorobenzene	6.94	146	519072	31.60	ng	98
13) 1,4-Dichlorobenzene	7.01	146	487087	29.20	ng	97
14) 1,2-Dichlorobenzene	7.01	146	461088	28.69	ng	96
15) Benzyl Alcohol	7.14	79	507812	34.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	468680	15.83	ng	# 29
17) 2-Methylphenol	7.25	107	404605	29.86	ng	# 80
18) Hexachloroethane	7.58	117	2461747	374.33	ng	# 26
19) n-Nitroso-di-n-propylamine	7.41	70	445298	30.97	ng	# 79
20) 3+4-Methylphenols	7.41	107	493104	28.11	ng	# 70
22) Acetophenone	7.41	105	648867	51.54	ng	# 88
24) Nitrobenzene	7.58	77	787819	72.62	ng	# 88
25) Isophorone	7.82	82	1219140	61.02	ng	# 38
26) 2-Nitrophenol	7.90	139	168922	36.18	ng	# 1
27) 2,4-Dimethylphenol	7.95	122	377976	41.63	ng	85
28) bis(2-Chloroethoxy)methane	8.04	93	487514	41.26	ng	# 1
29) 2,4-Dichlorophenol	8.15	162	434603	62.95	ng	84
30) 1,2,4-Trichlorobenzene	8.23	180	393666	55.33	ng	98
31) Naphthalene	8.33	128	1677297	65.41	ng	# 73
32) Benzoic acid	8.10	122	35459	5.62	ng	# 1
33) 4-Chloroaniline	8.36	127	690801	65.18	ng	# 13
34) Hexachlorobutadiene	8.45	225	203291	51.14	ng	98
35) Caprolactam	8.75	113	547769	236.00	ng	# 66
36) 4-Chloro-3-methylphenol	8.86	107	297238	34.39	ng	92
37) 2-Methylnaphthalene	9.05	142	748361	48.21	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.22	216	210648	45.48	ng	# 72
40) Hexachlorocyclopentadiene	9.19	237	23236	9.15	ng	98

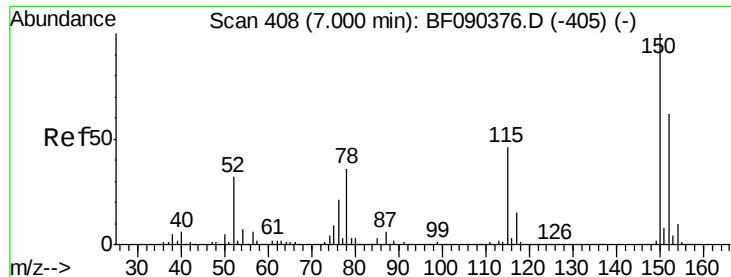
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.31	196	230761	72.20	ng	91
43) 2,4,5-Trichlorophenol	9.31	196	230761	76.35	ng #	1
45) 1,1'-Biphenyl	9.50	154	511316	39.28	ng	97
46) 2-Chloronaphthalene	9.53	162	383873	39.91	ng #	77
47) 2-Nitroaniline	9.61	65	156094	41.13	ng	91
48) Acenaphthylene	9.96	152	698862	44.04	ng #	66
49) Dimethylphthalate	9.79	163	533910	47.45	ng #	90
50) 2,6-Dinitrotoluene	9.87	165	166309	66.58	ng	90
51) Acenaphthene	10.13	154	545690	55.14	ng #	75
52) 3-Nitroaniline	10.02	138	144761	49.61	ng #	69
53) 2,4-Dinitrophenol	10.18	184	3865	3.47	ng #	1
54) Dibenzofuran	10.30	168	632241	49.36	ng #	41
55) 4-Nitrophenol	10.19	139	389370	152.50	ng #	37
56) 2,4-Dinitrotoluene	10.27	165	104277	31.37	ng #	82
57) Fluorene	10.66	166	795177	73.87	ng #	81
58) 2,3,4,6-Tetrachlorophenol	10.38	232	121033	53.62	ng #	57
59) Diethylphthalate	10.54	149	41652	3.58	ng #	14
60) 4-Chlorophenyl-phenylether	10.63	204	159899	32.67	ng #	44
61) 4-Nitroaniline	10.63	138	89773	30.53	ng	91
62) Azobenzene	10.79	77	461417	34.32	ng #	33
64) 4,6-Dinitro-2-methylphenol	10.67	198	10190	9.09	ng #	1
65) n-Nitrosodiphenylamine	10.74	169	303594	24.73	ng #	80
66) 4-Bromophenyl-phenylether	11.13	248	166102	46.26	ng #	66
67) Hexachlorobenzene	11.23	284	102567	25.65	ng #	57
68) Atrazine	11.27	200	170733	56.41	ng	73
69) Pentachlorophenol	11.39	266	148166	62.25	ng	100
70) Phenanthrene	11.62	178	2726285	145.35	ng	96
71) Anthracene	11.62	178	2726285	142.33	ng	96
72) Carbazole	11.80	167	581965	32.70	ng #	85
73) Di-n-butylphthalate	12.12	149	798212	36.86	ng	98
74) Fluoranthene	12.80	202	1747834	95.00	ng	88
76) Benzidine	12.89	184	297952	23.28	ng #	87
77) Pyrene	13.01	202	2175118	67.02	ng	96
79) Butylbenzylphthalate	13.61	149	508248	30.52	ng	98
80) Benzo(a)anthracene	14.18	228	1619432	59.30	ng	98
81) 3,3'-Dichlorobenzidine	14.14	252	257646	26.02	ng #	99
82) Chrysene	14.22	228	1461479	58.15	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	832879	35.18	ng #	97
84) Di-n-octyl phthalate	14.78	149	1221315	34.80	ng #	90
85) Indeno(1,2,3-cd)pyrene	17.22	276	1067361	59.56	ng	98
87) Benzo(b)fluoranthene	15.29	252	2975381	106.12	ng #	97
88) Benzo(k)fluoranthene	15.29	252	2975381	112.97	ng	97
89) Benzo(a)pyrene	15.63	252	1517445	62.79	ng #	95
90) Dibenzo(a,h)anthracene	17.23	278	701572	34.12	ng #	94
91) Benzo(g,h,i)perylene	17.68	276	830100	42.07	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

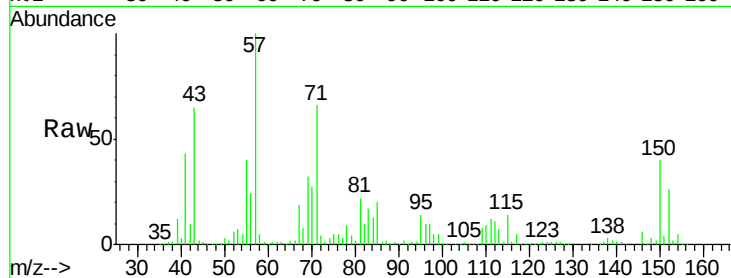
Tgt Ion:152 Resp: 223454

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

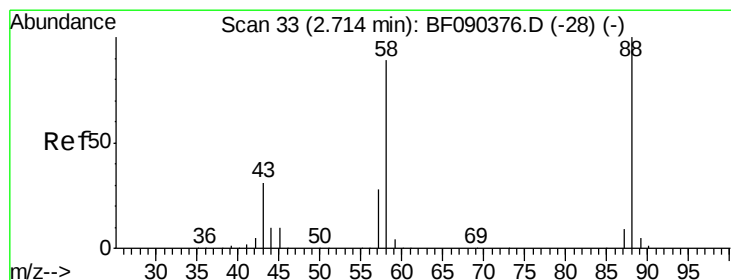
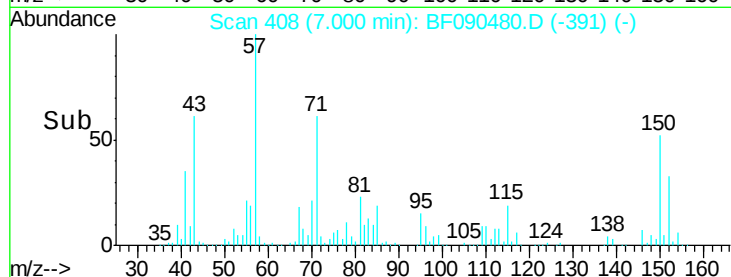
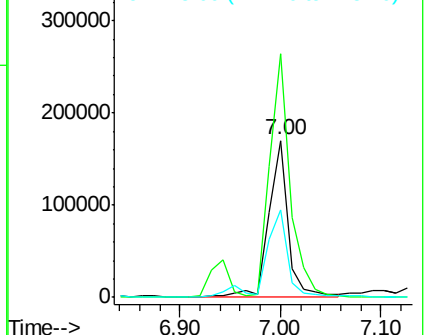
115 55.7 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.32 ng

RT: 2.69 min Scan# 31

Delta R.T. -0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

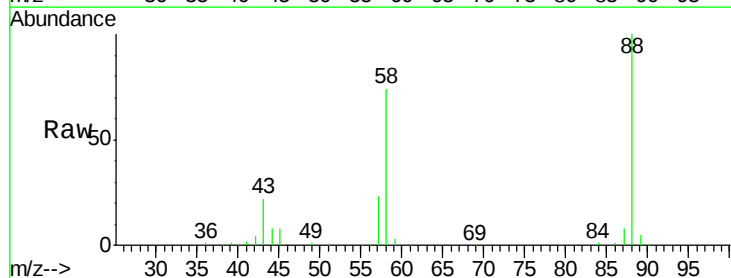
Tgt Ion: 88 Resp: 179504

Ion Ratio Lower Upper

88 100

58 77.1 71.2 106.8

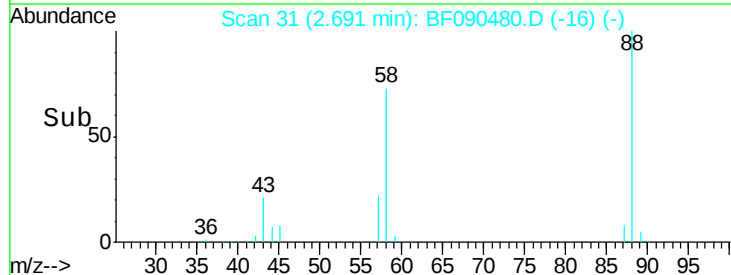
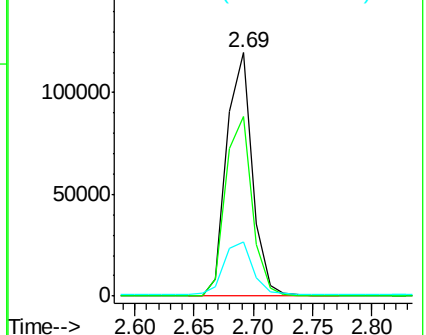
43 24.7 29.8 44.6#

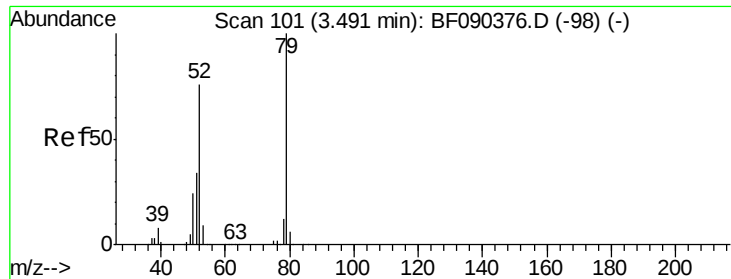


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.32 ng

RT: 3.47 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

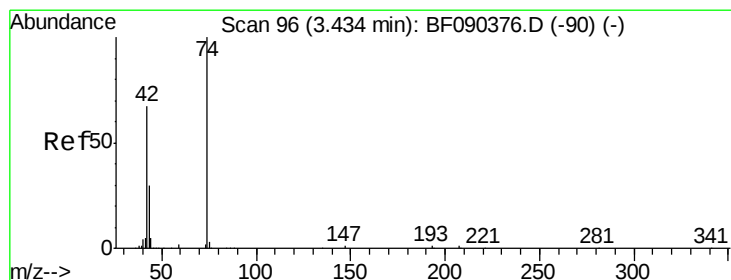
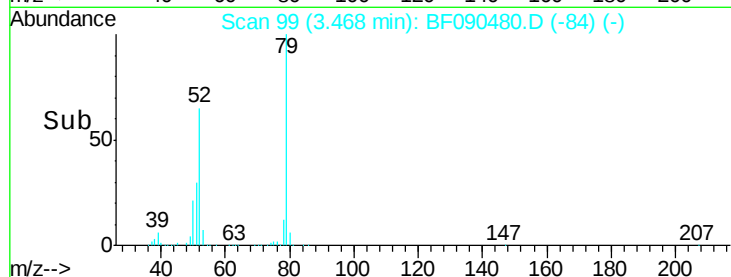
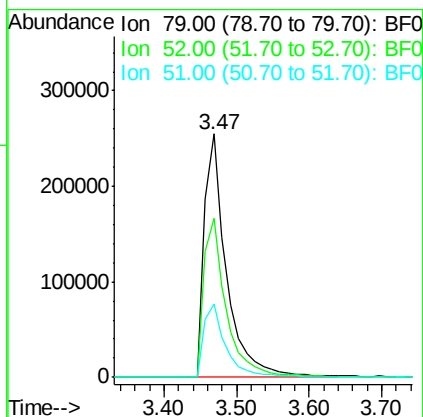
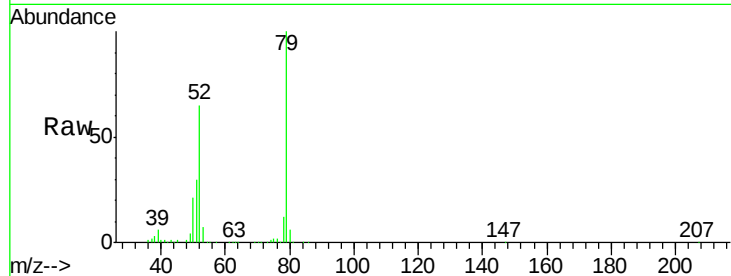
Tgt Ion: 79 Resp: 541740

Ion Ratio Lower Upper

79 100

52 65.2 71.3 106.9#

51 30.0 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 25.10 ng

RT: 3.40 min Scan# 93

Delta R.T. -0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

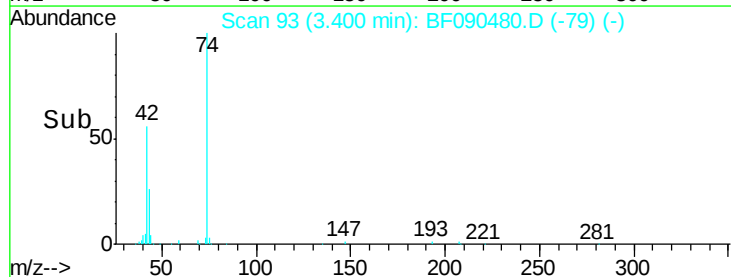
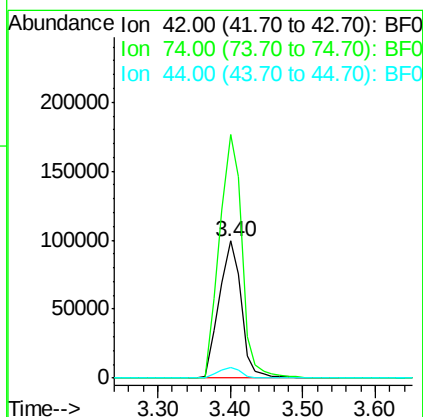
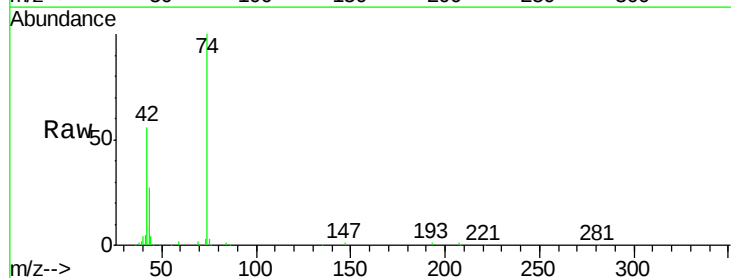
Tgt Ion: 42 Resp: 213190

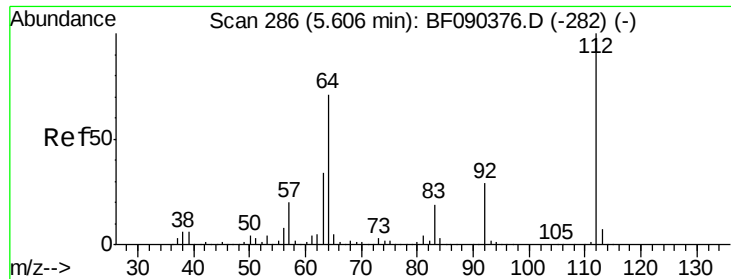
Ion Ratio Lower Upper

42 100

74 178.0 88.9 133.3#

44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 82.93 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

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MJSB-16(6.5-8.5)MSD

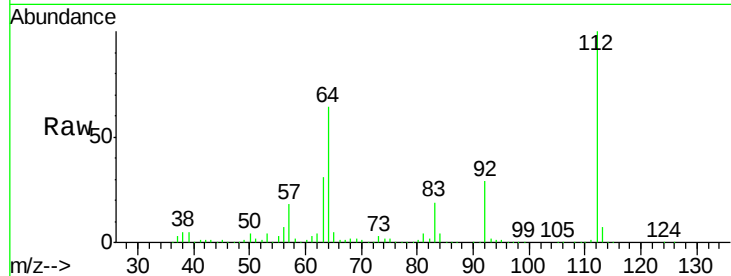
Tgt Ion: 112 Resp: 1241634

Ion Ratio Lower Upper

112 100

64 63.8 57.9 86.9

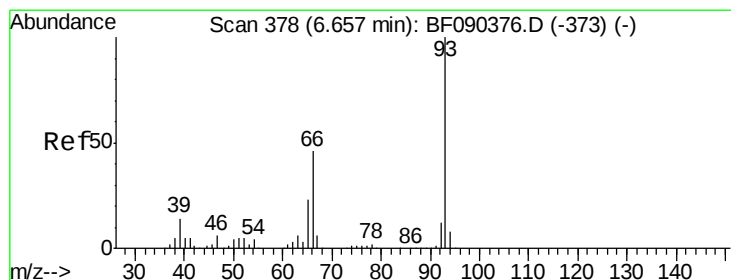
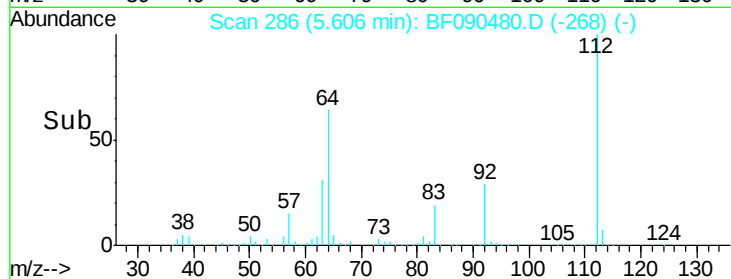
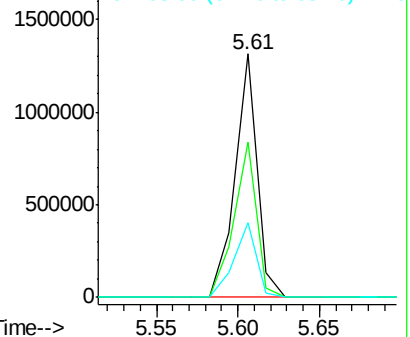
63 30.7 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.85 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

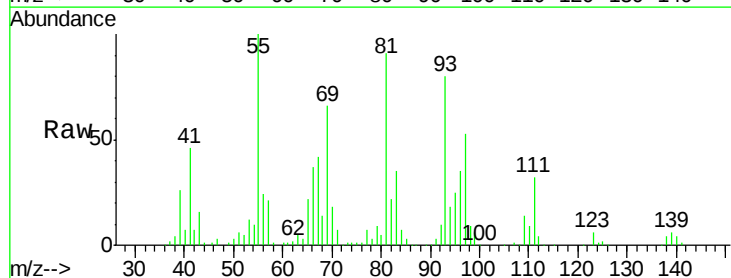
Tgt Ion: 93 Resp: 456380

Ion Ratio Lower Upper

93 100

66 45.7 34.5 51.7

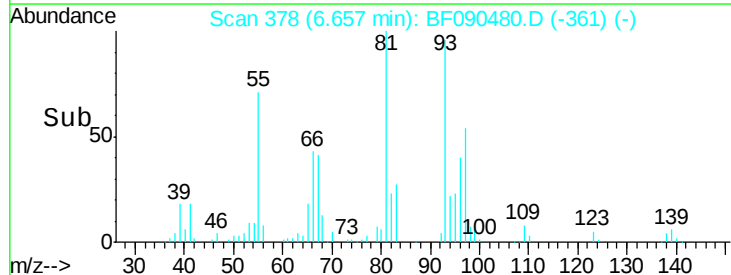
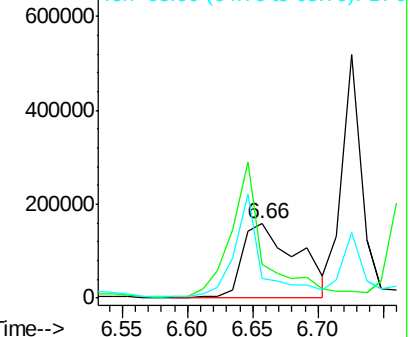
65 27.2 18.2 27.2

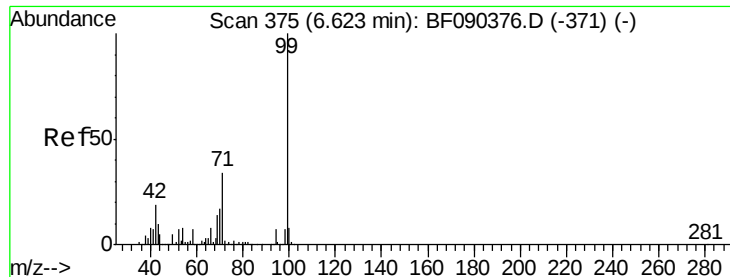


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.81 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

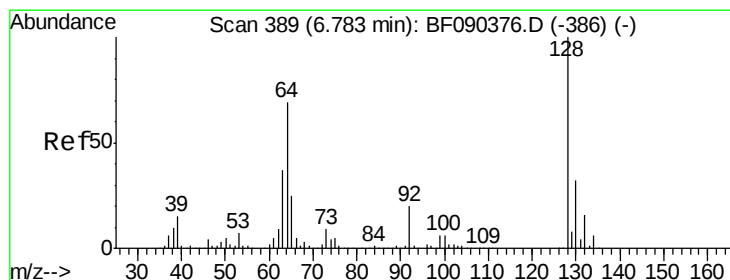
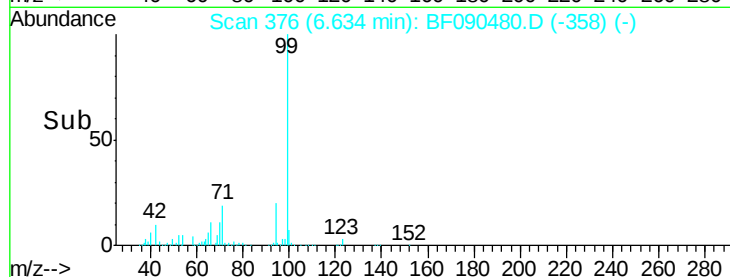
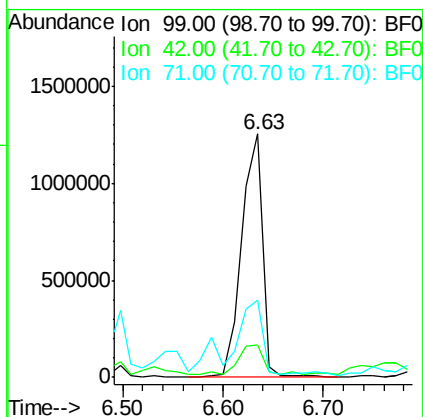
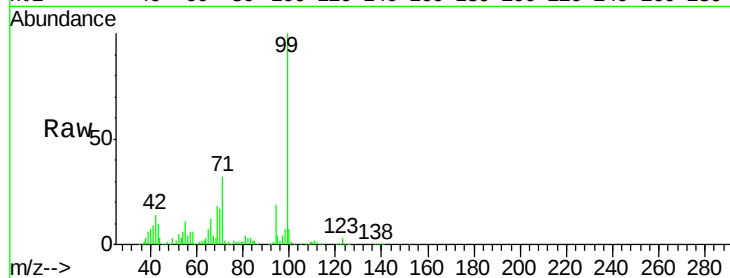
BNA_F

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Tgt Ion: 99 Resp: 1800432

Ion	Ratio	Lower	Upper
99	100		
42	13.6	20.0	30.0#
71	31.7	27.9	41.9



#8

2-Chlorophenol

Concen: 31.21 ng

RT: 6.78 min Scan# 389

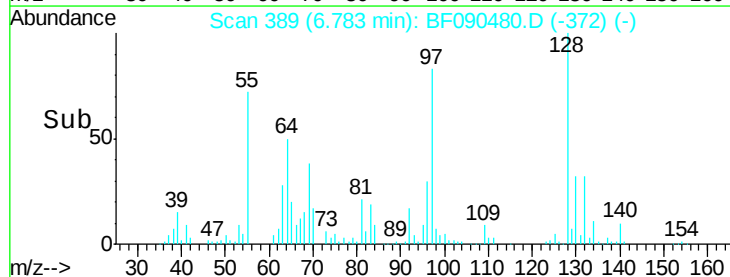
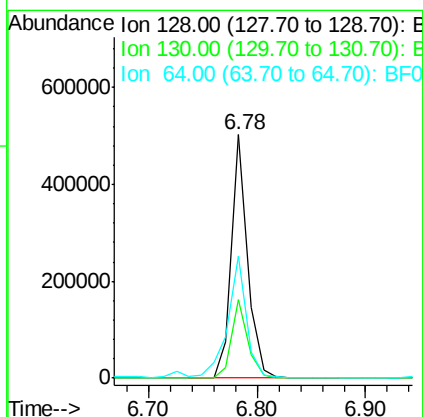
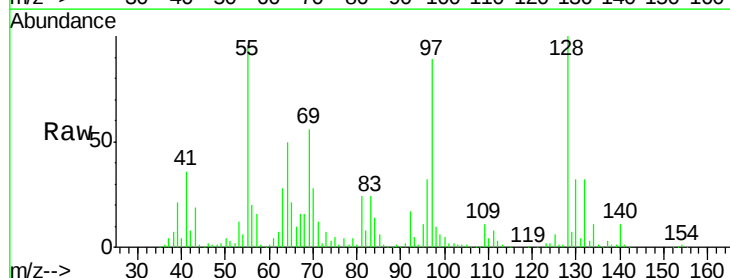
Delta R.T. -0.00 min

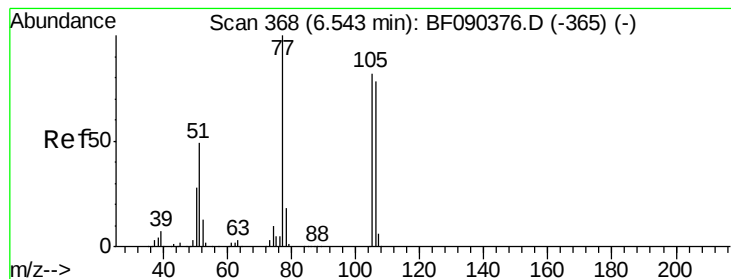
Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion: 128 Resp: 514201

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	49.9	36.0	76.0





#9

Benzaldehyde

Concen: 21.51 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

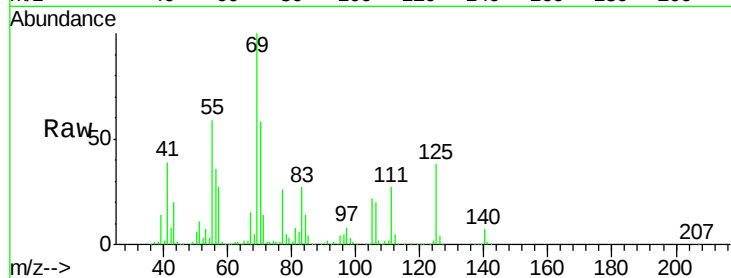
Tgt Ion: 77 Resp: 213226

Ion Ratio Lower Upper

77 100

105 87.3 73.1 113.1

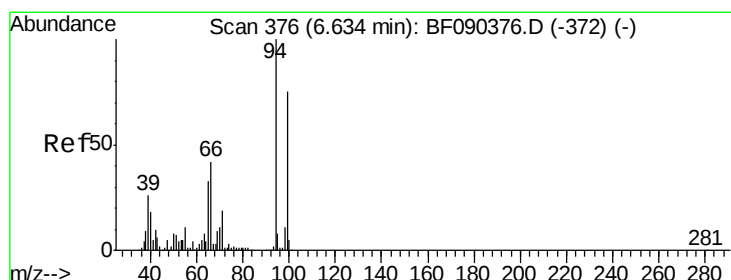
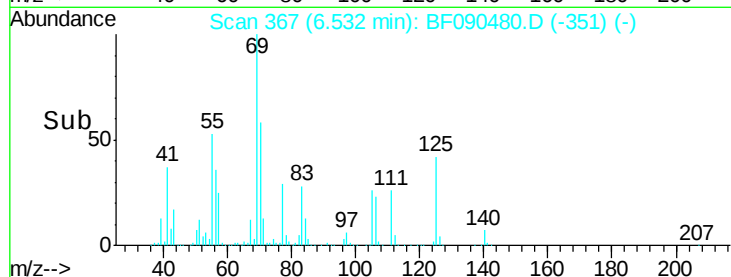
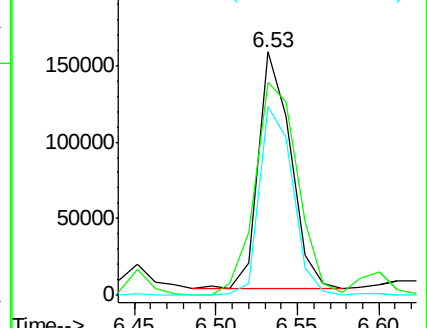
106 77.6 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 34.02 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

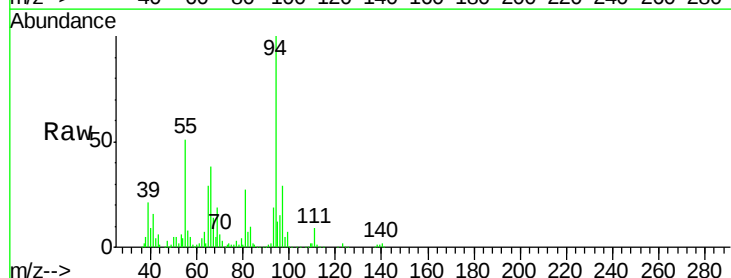
Tgt Ion: 94 Resp: 775692

Ion Ratio Lower Upper

94 100

65 28.7 13.3 53.3

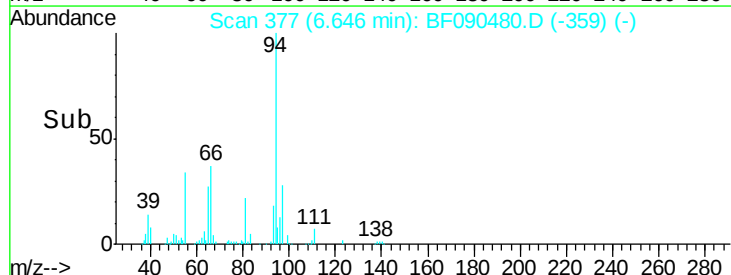
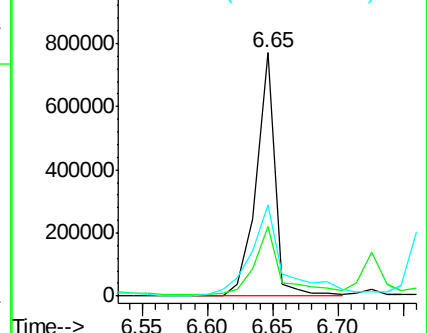
66 37.5 20.4 60.4

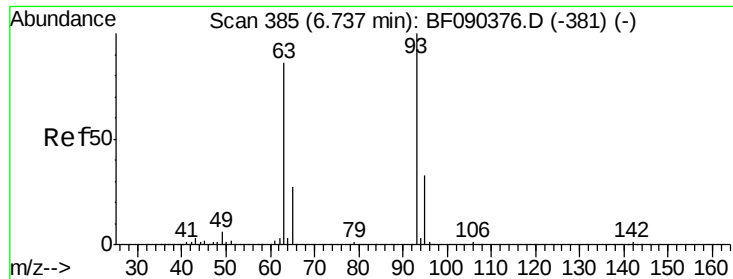


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

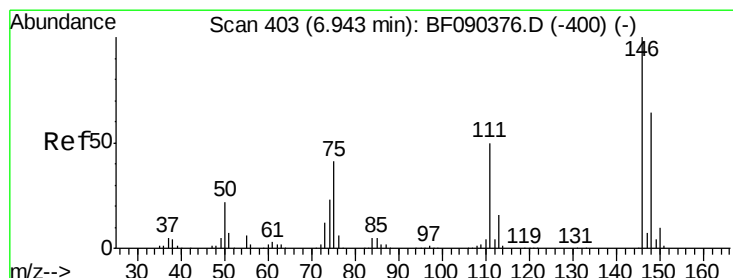
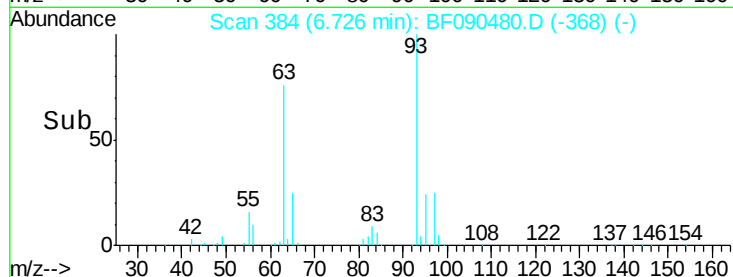
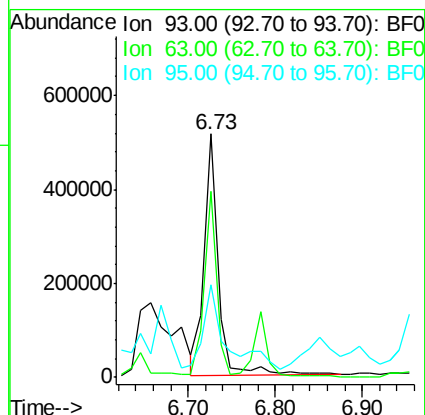
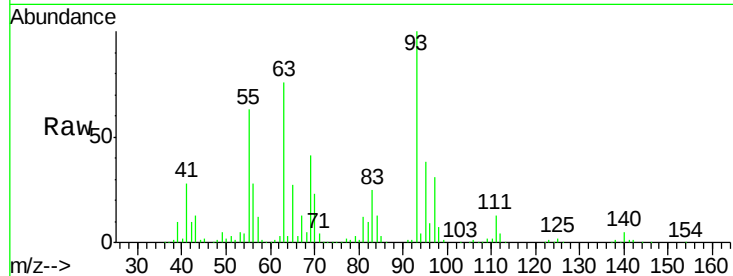




#11
bis(2-Chloroethyl)ether
Concen: 33.31 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

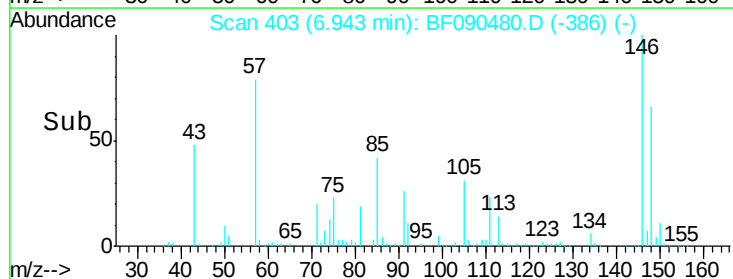
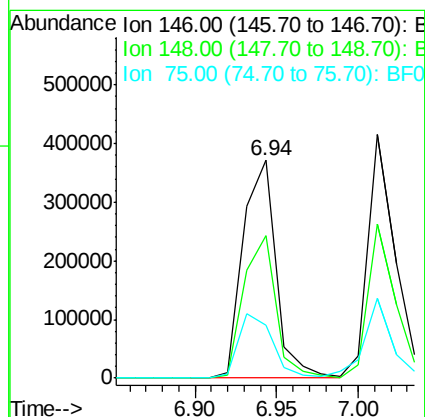
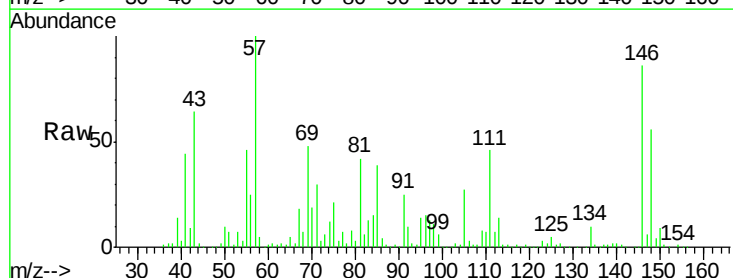
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

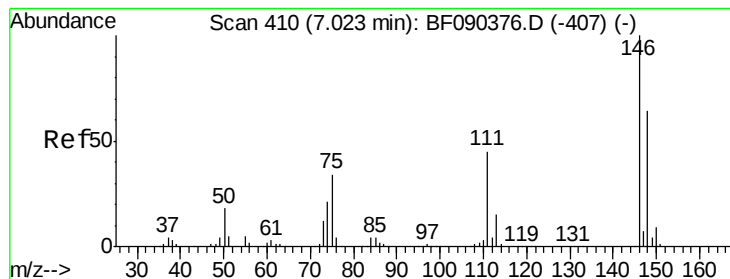
Tgt Ion: 93 Resp: 581383
Ion Ratio Lower Upper
93 100
63 76.5 59.7 99.7
95 38.0 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 31.60 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion: 146 Resp: 519072
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.4
75 24.4 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 29.20 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

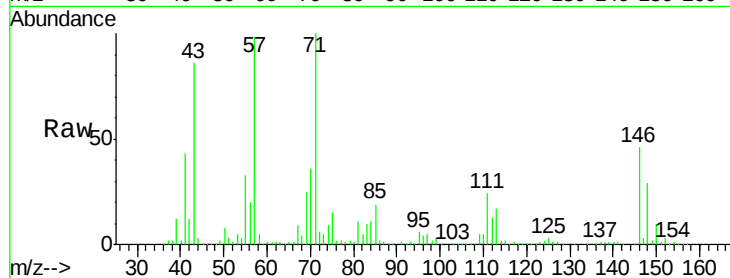
Tgt Ion:146 Resp: 487087

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

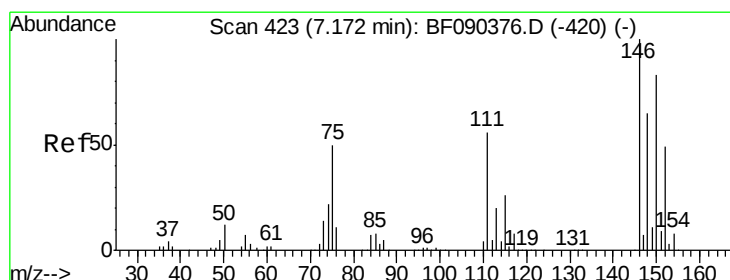
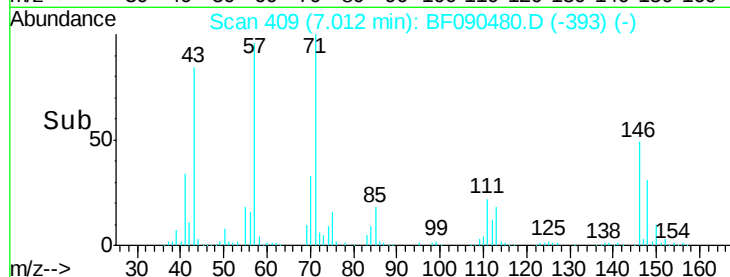
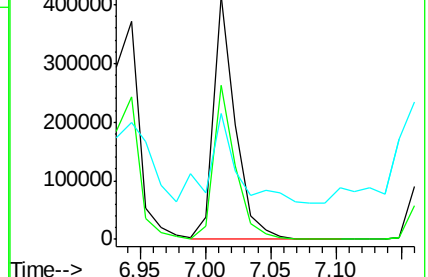
111 51.6 37.8 56.6



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: 28.69 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.16 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

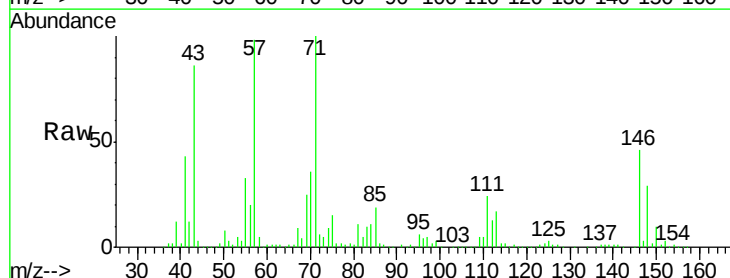
Tgt Ion:146 Resp: 461088

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

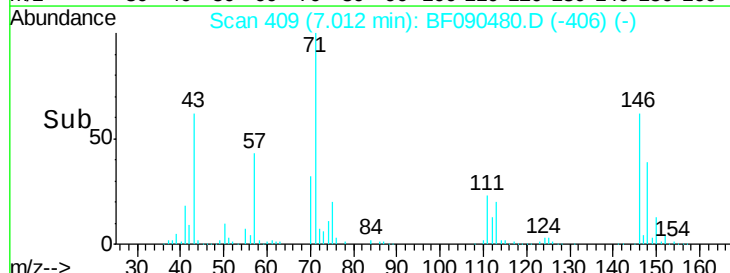
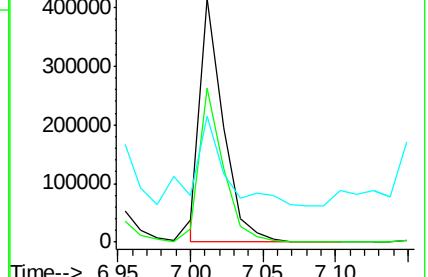
111 51.6 38.2 57.4

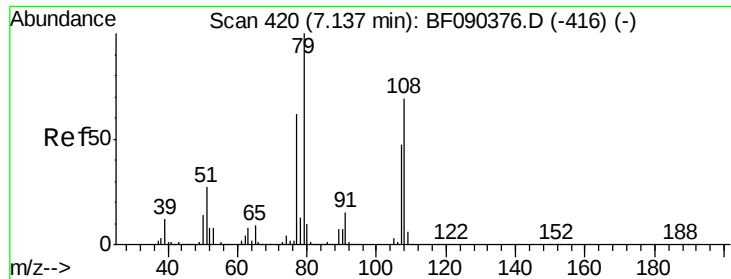


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.06 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

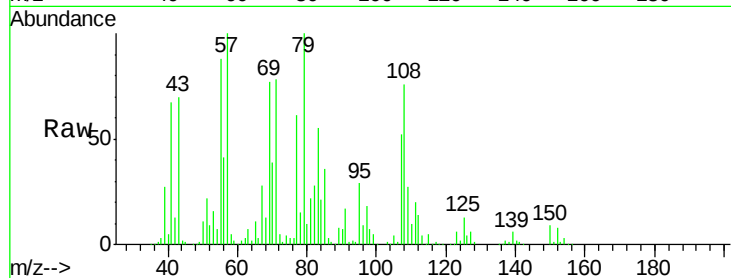
Tgt Ion: 79 Resp: 507812

Ion Ratio Lower Upper

79 100

108 76.0 60.9 91.3

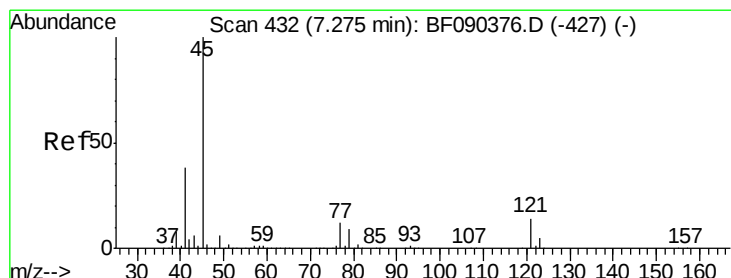
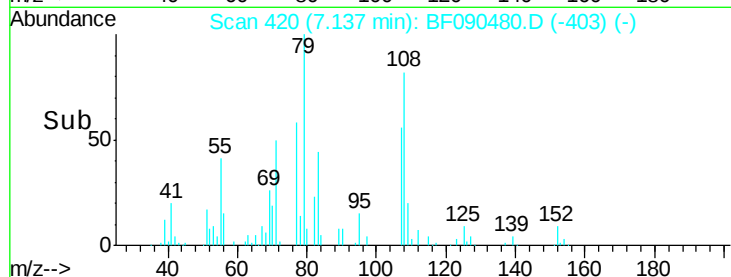
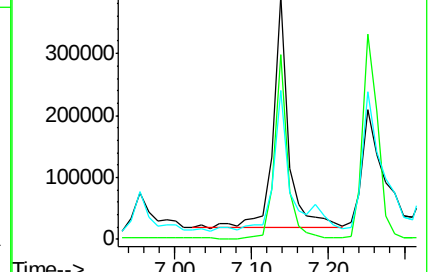
77 61.3 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.83 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

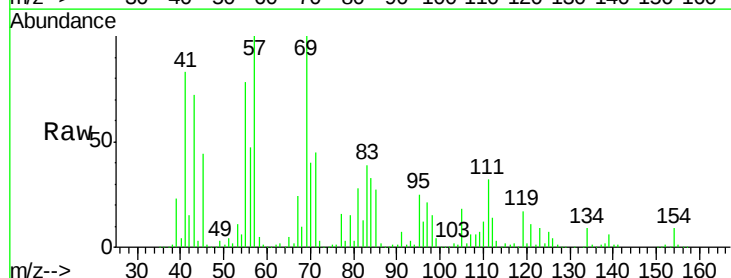
Tgt Ion: 45 Resp: 468680

Ion Ratio Lower Upper

45 100

77 37.0 0.0 30.8#

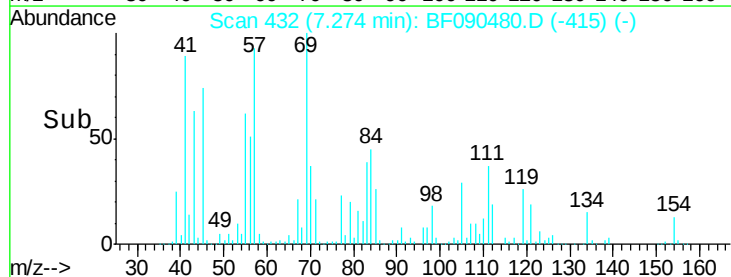
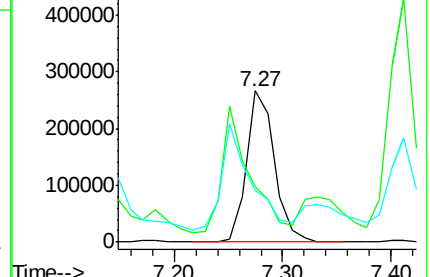
79 34.5 0.0 28.2#

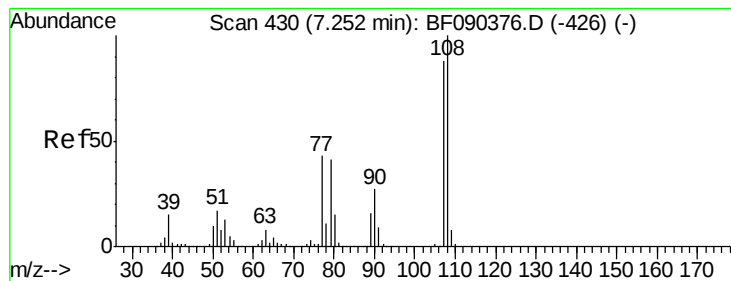


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

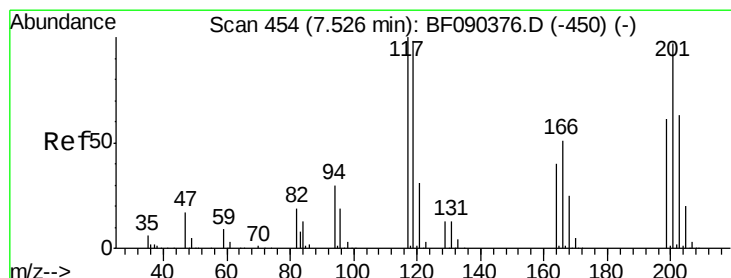
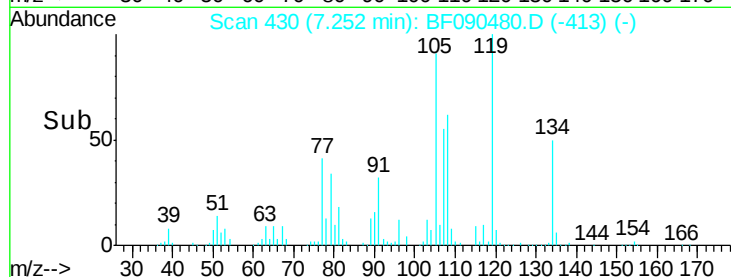
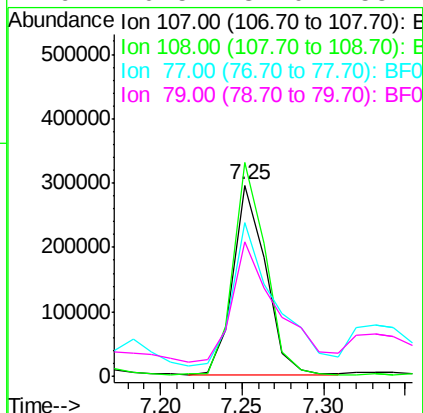
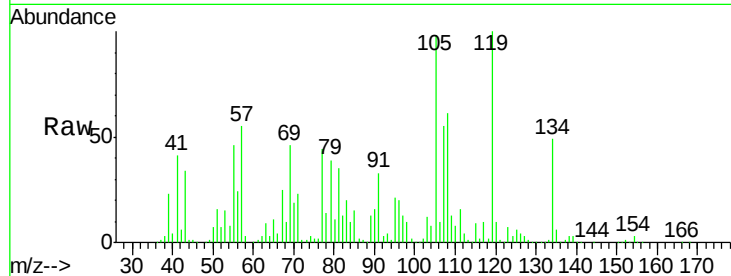




#17
2-Methylphenol
Concen: 29.86 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

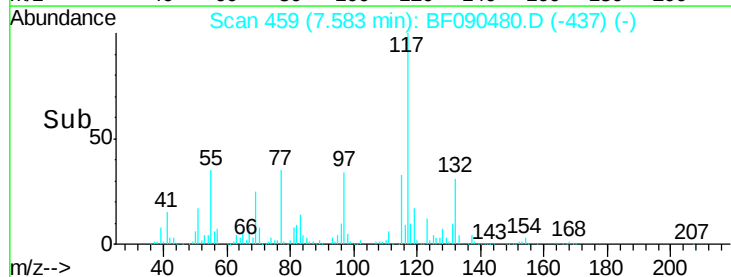
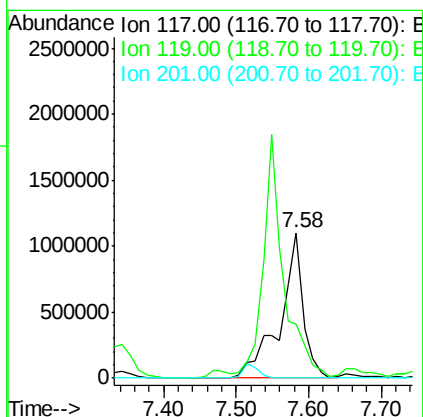
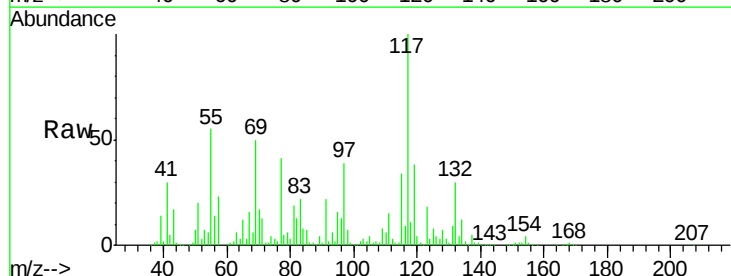
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

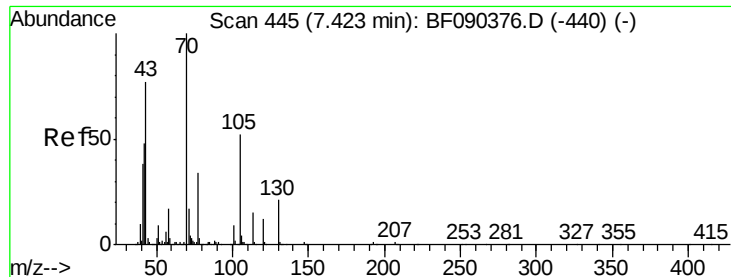
Tgt Ion	Resp	Lower	Upper
107	100		
108	111.8	90.9	136.3
77	80.5	38.2	57.4#
79	70.5	37.0	55.4#



#18
Hexachloroethane
Concen: 374.33 ng
RT: 7.58 min Scan# 459
Delta R.T. 0.06 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion	Resp	Lower	Upper
117	100		
119	37.7	75.9	113.9#
201	0.0	66.5	99.7#

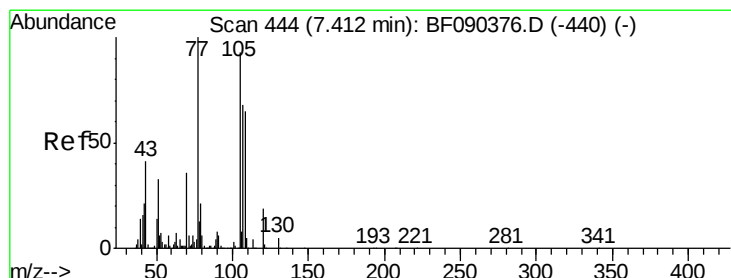
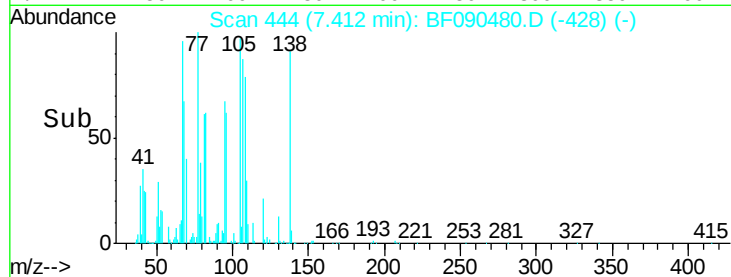
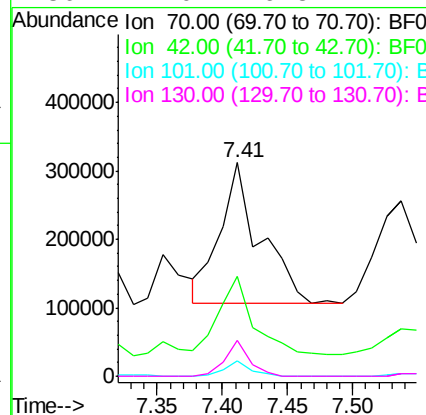
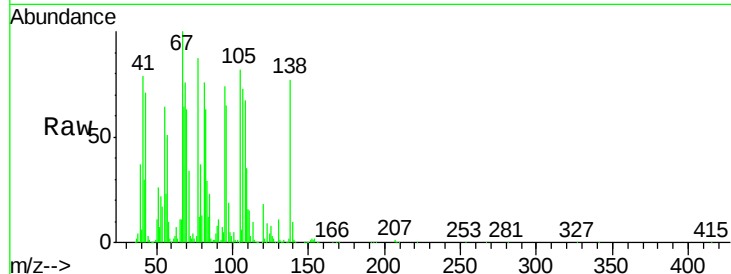




#19
n-Nitroso-di-n-propylamine
Concen: 30.97 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

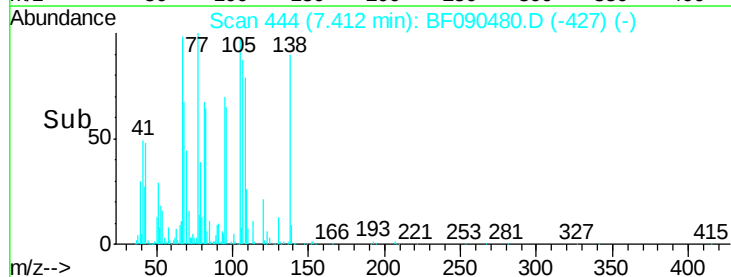
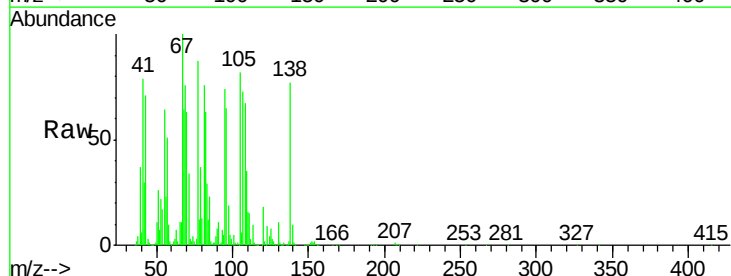
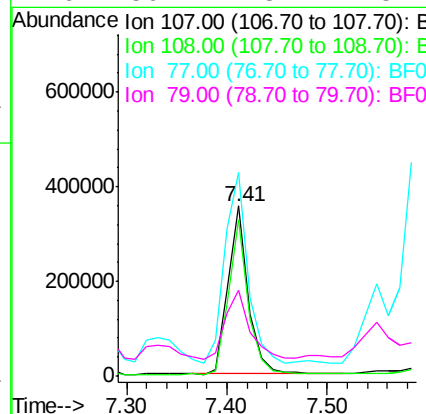
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

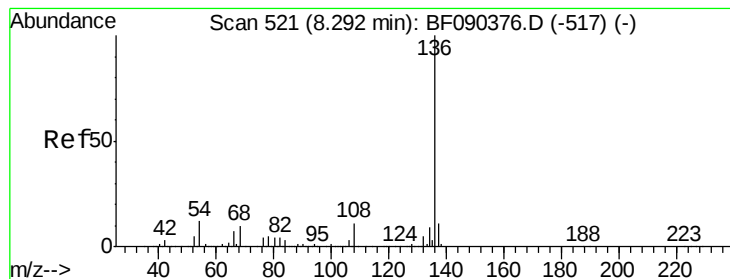
Tgt Ion: 70 Resp: 445298
Ion Ratio Lower Upper
70 100
42 46.8 55.4 83.2#
101 7.2 7.6 11.4#
130 17.0 16.5 24.7



#20
3+4-Methylphenols
Concen: 28.11 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion: 107 Resp: 493104
Ion Ratio Lower Upper
107 100
108 91.7 66.7 106.7
77 119.2 53.7 93.7#
79 50.7 8.4 48.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:136 Resp: 531518

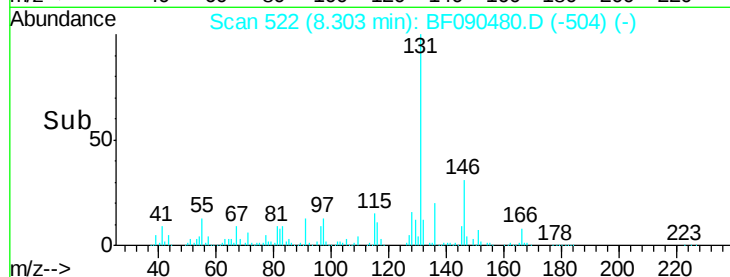
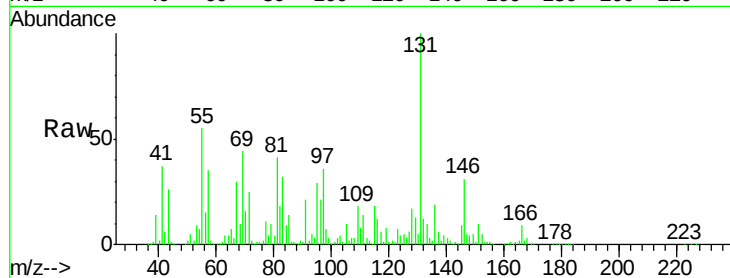
Ion Ratio Lower Upper

136 100

137 28.7 9.0 13.6#

54 34.0 6.6 10.0#

68 50.1 5.0 7.6#



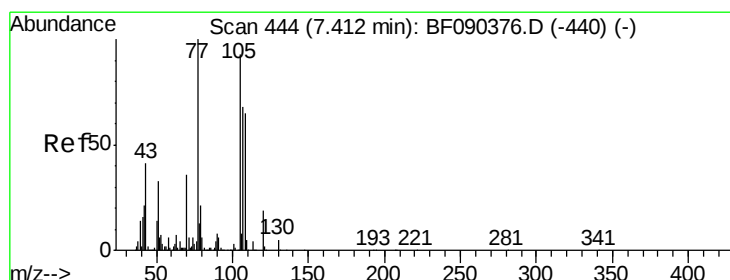
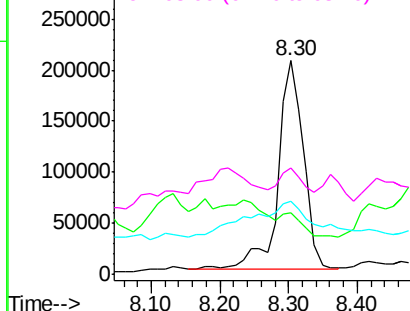
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.54 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:105 Resp: 648867

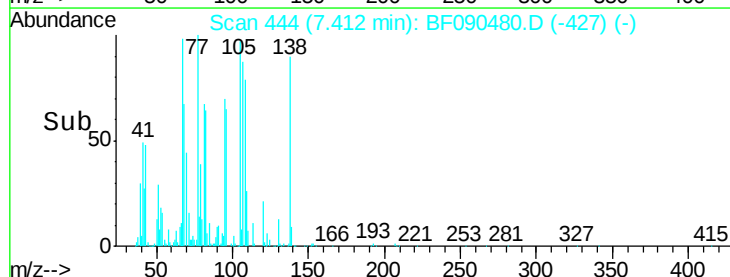
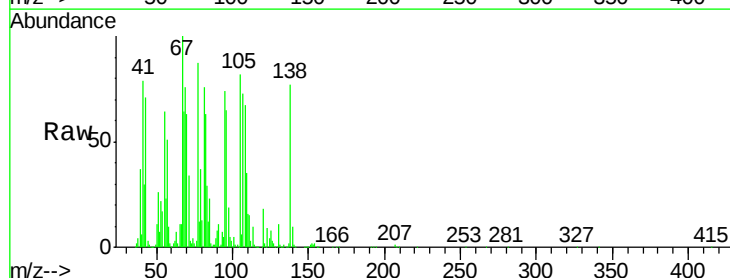
Ion Ratio Lower Upper

105 100

71 41.5 3.8 5.6#

51 31.6 28.2 42.4

120 21.7 17.4 26.2



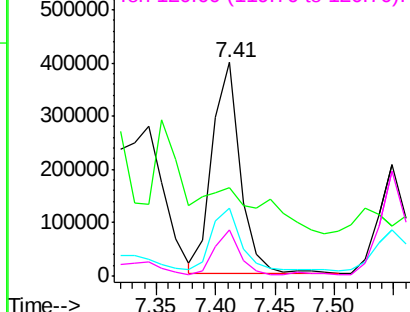
Abundance

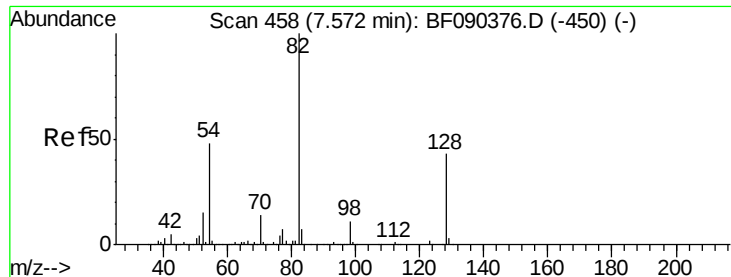
Ion 105.00 (104.70 to 105.70): E

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

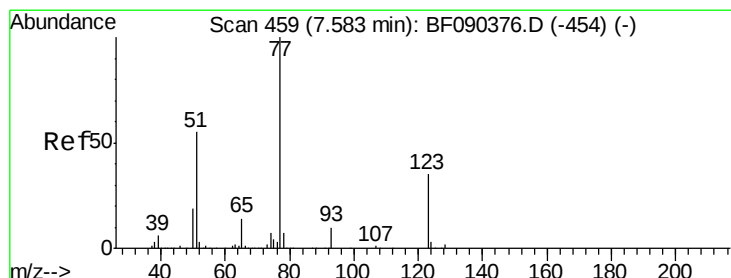
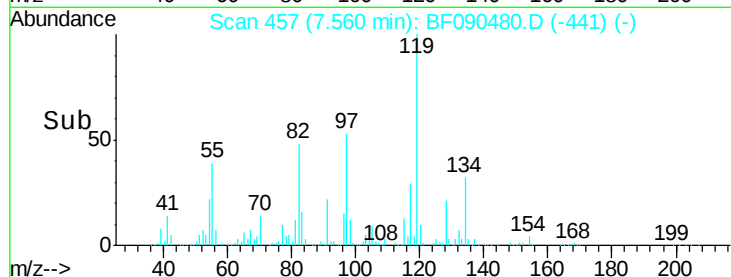
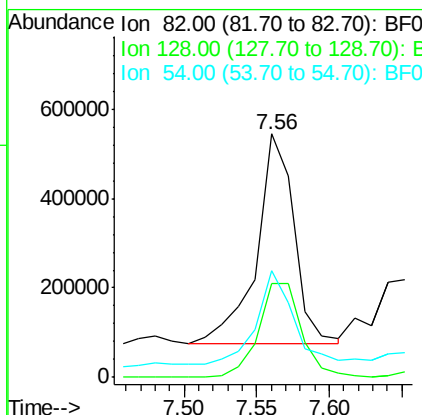
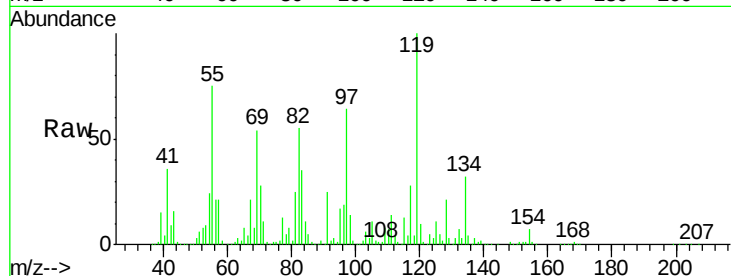




#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

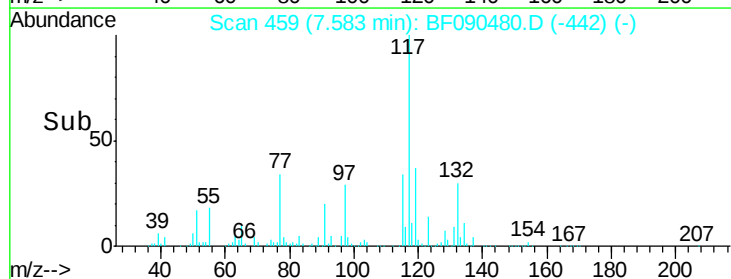
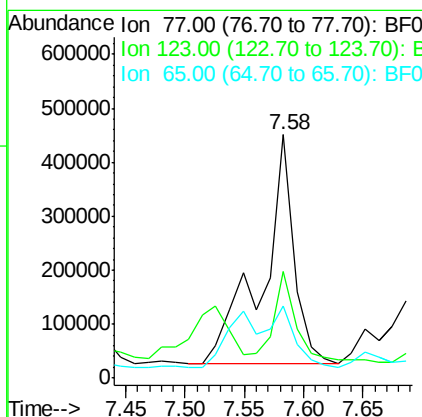
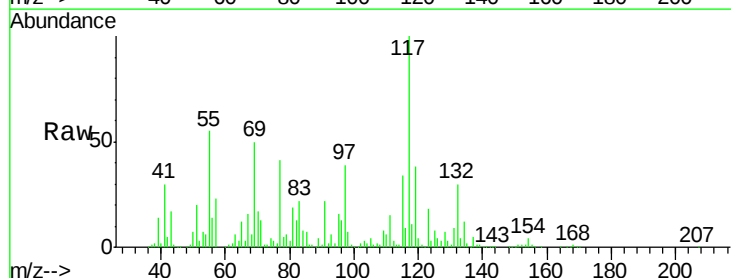
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

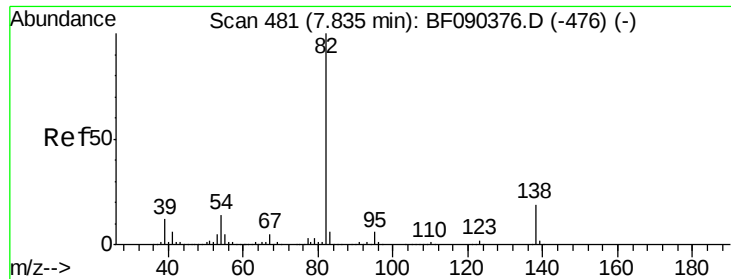
Tgt Ion: 82 Resp: 845474
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.0 60.0#
 54 43.8 42.6 64.0



#24
 Nitrobenzene
 Concen: 72.62 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion: 77 Resp: 787819
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.0 49.4
 65 29.7 12.0 18.0#





#25

Isophorone

Concen: 61.02 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

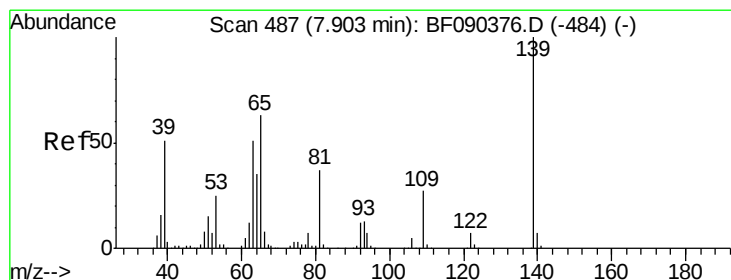
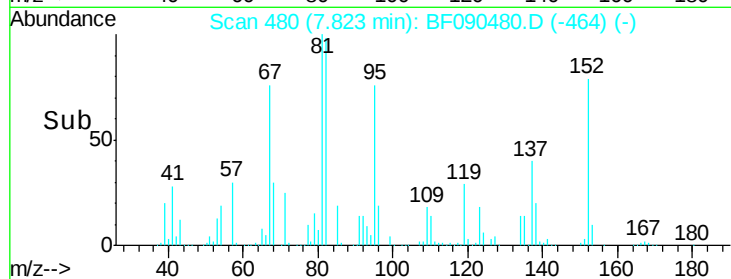
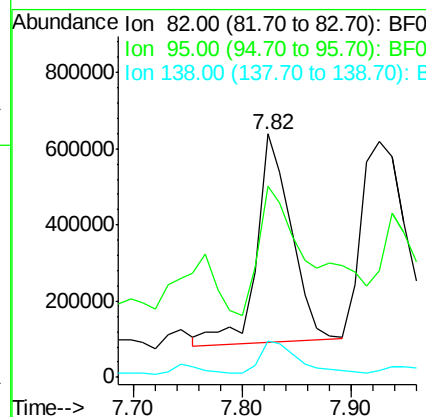
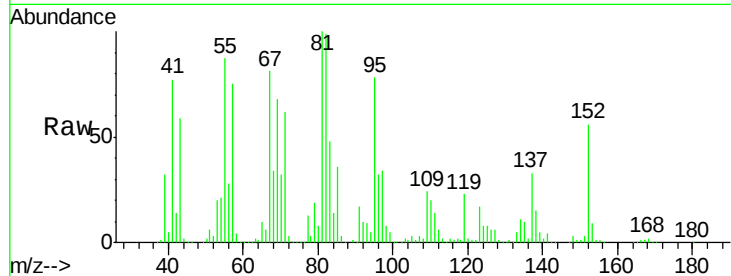
Tgt Ion: 82 Resp: 1219140

Ion Ratio Lower Upper

82 100

95 78.5 5.2 7.8#

138 15.1 13.0 19.4



#26

2-Nitrophenol

Concen: 36.18 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

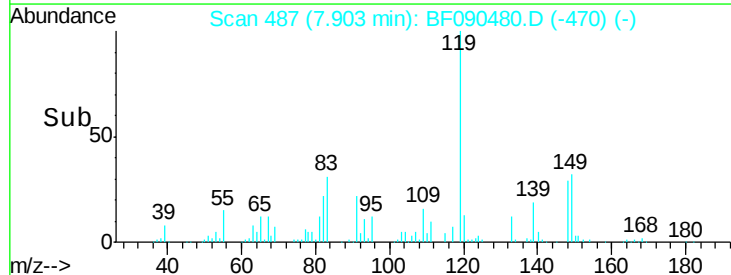
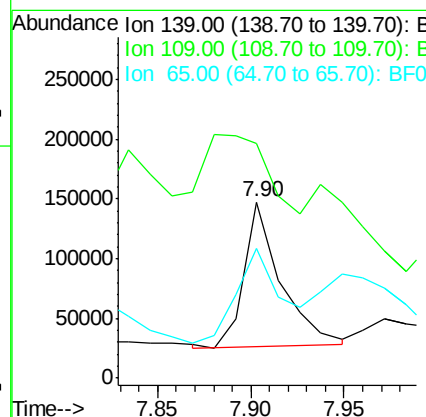
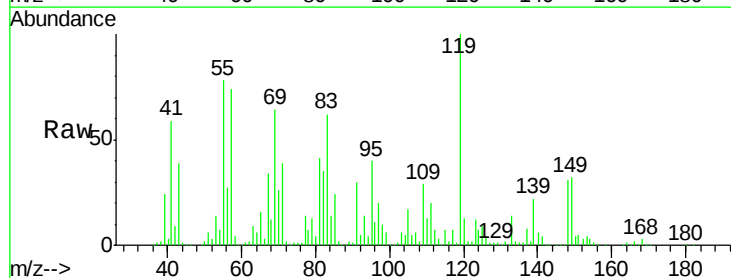
Tgt Ion: 139 Resp: 168922

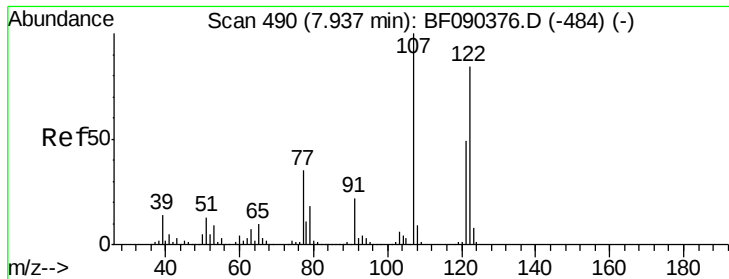
Ion Ratio Lower Upper

139 100

109 133.4 18.9 28.3#

65 73.7 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 41.63 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

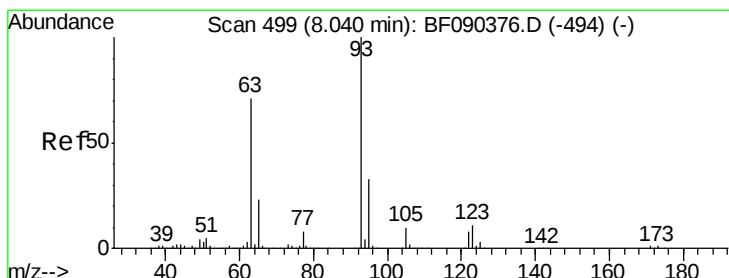
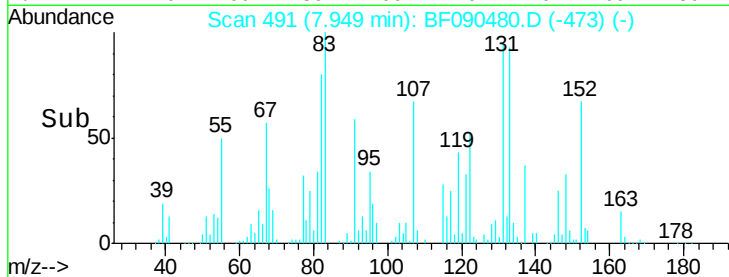
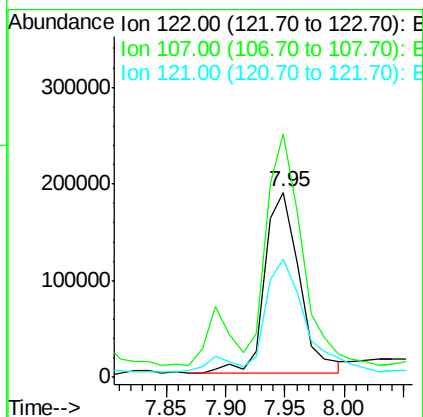
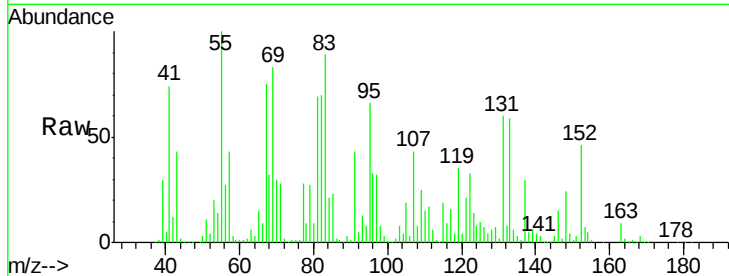
Tgt Ion:122 Resp: 377976

Ion Ratio Lower Upper

122 100

107 131.5 88.6 132.8

121 64.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.26 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

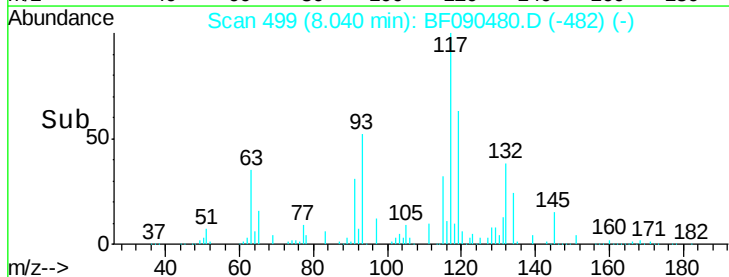
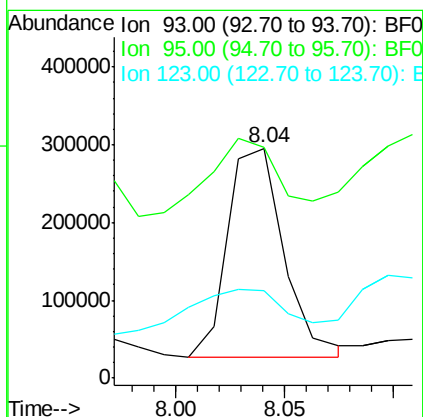
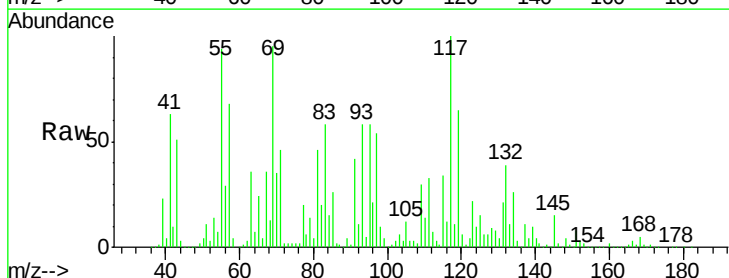
Tgt Ion: 93 Resp: 487514

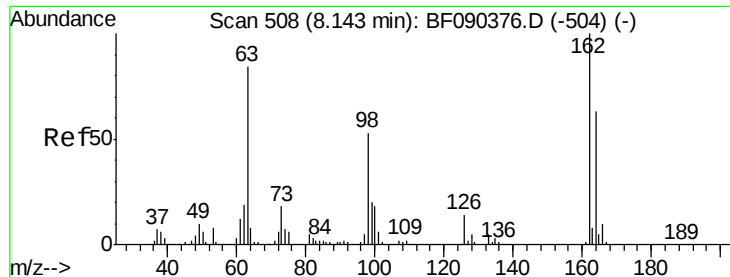
Ion Ratio Lower Upper

93 100

95 100.6 27.0 40.4#

123 38.0 11.1 16.7#

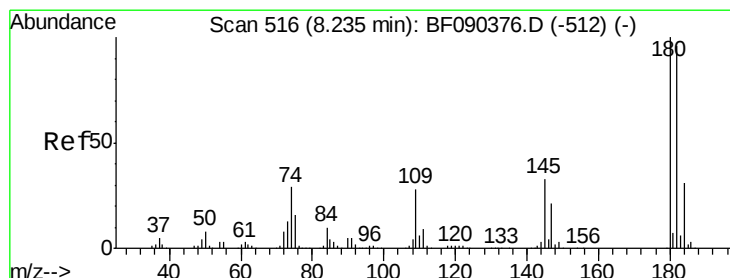
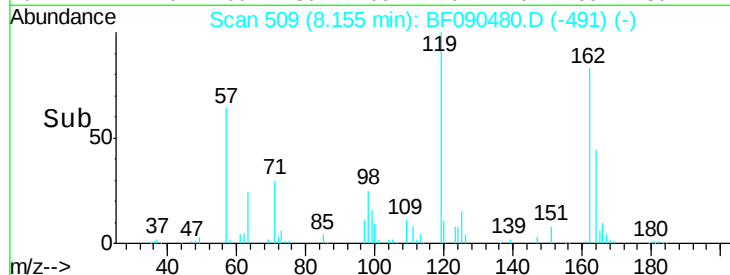
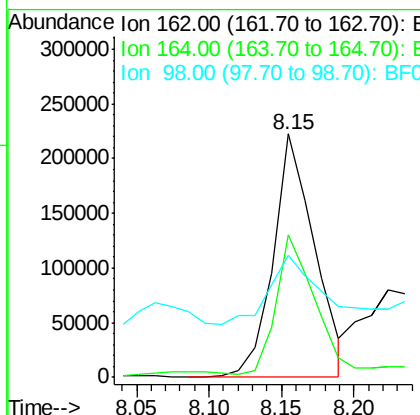
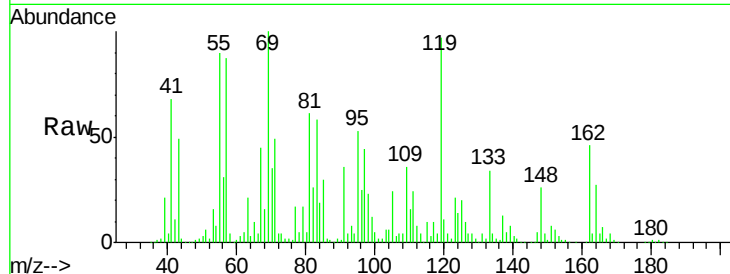




#29
2,4-Dichlorophenol
Concen: 62.95 ng
RT: 8.15 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

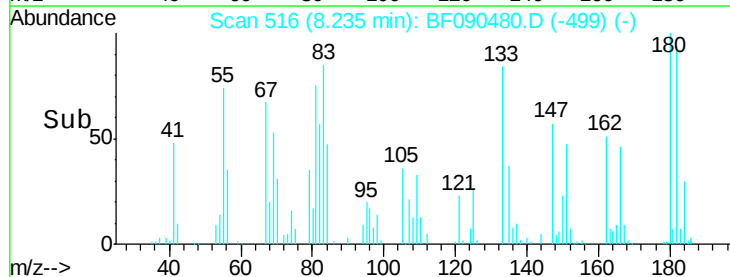
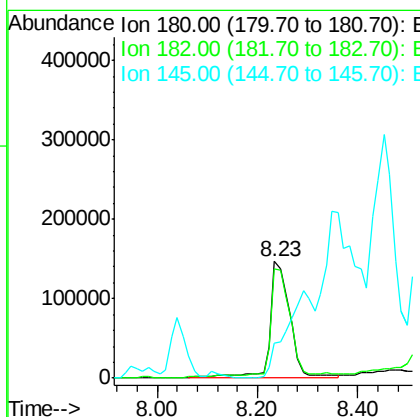
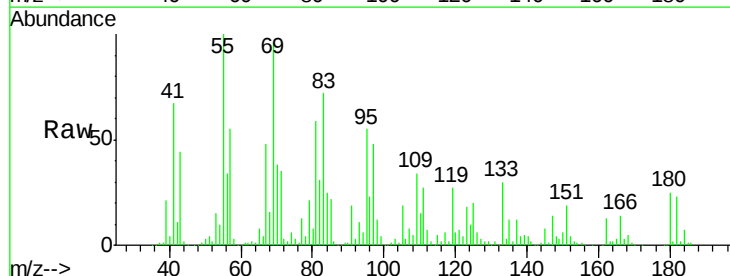
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

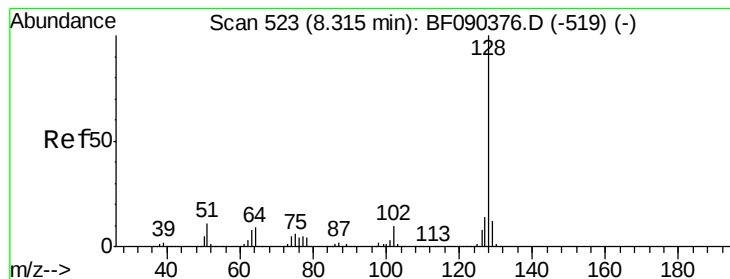
Tgt Ion:162 Resp: 434603
Ion Ratio Lower Upper
162 100
164 58.5 45.7 85.7
98 50.2 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 55.33 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:180 Resp: 393666
Ion Ratio Lower Upper
180 100
182 93.6 75.3 112.9
145 30.4 27.7 41.5





#31

Naphthalene

Concen: 65.41 ng

RT: 8.33 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

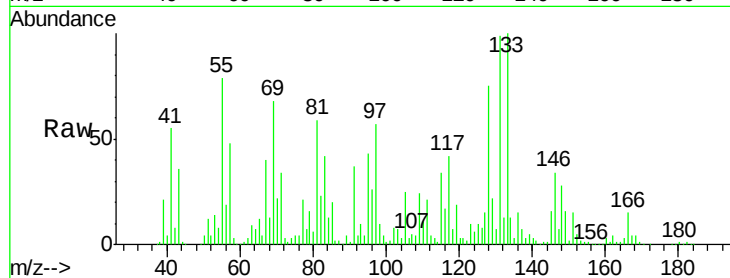
Tgt Ion:128 Resp: 1677297

Ion Ratio Lower Upper

128 100

129 29.1 9.7 14.5#

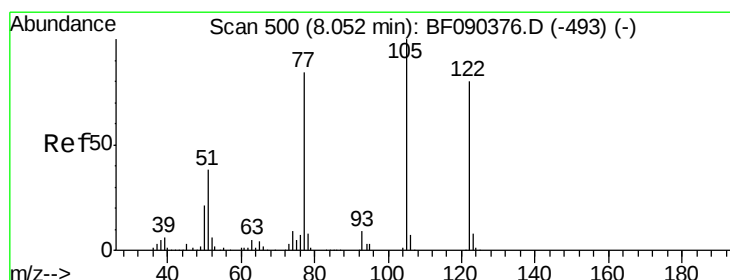
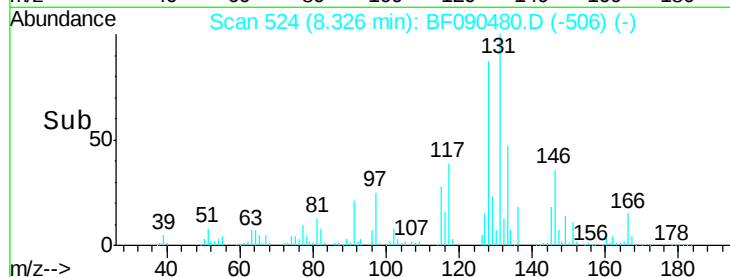
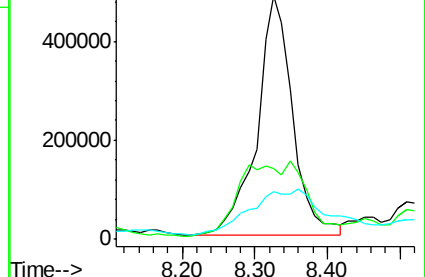
127 19.8 11.7 17.5#



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: 5.62 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

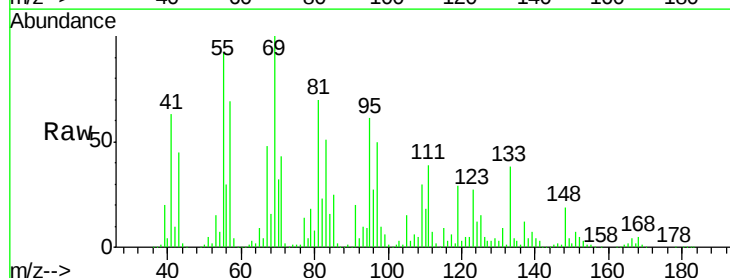
Tgt Ion:122 Resp: 35459

Ion Ratio Lower Upper

122 100

105 323.0 103.9 143.9#

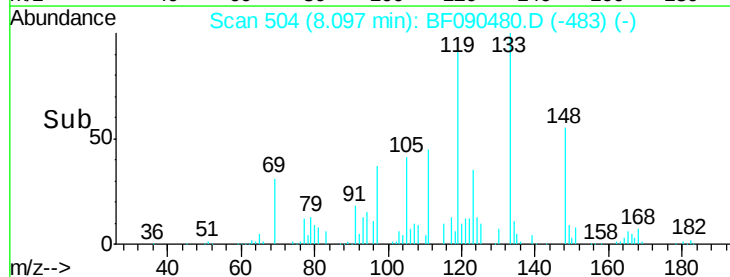
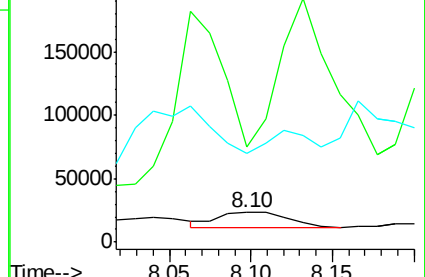
77 300.1 74.6 114.6#

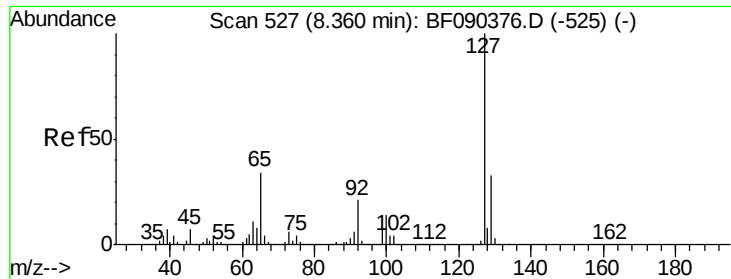


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

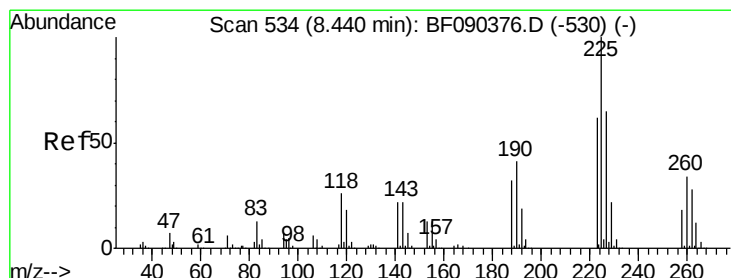
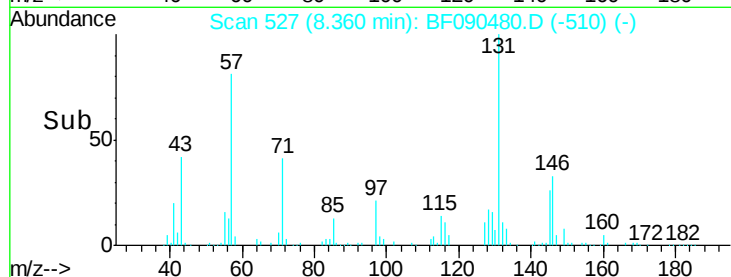
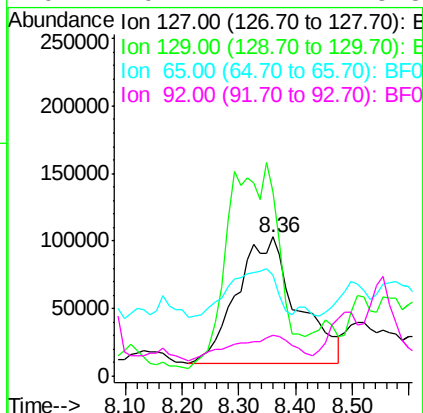
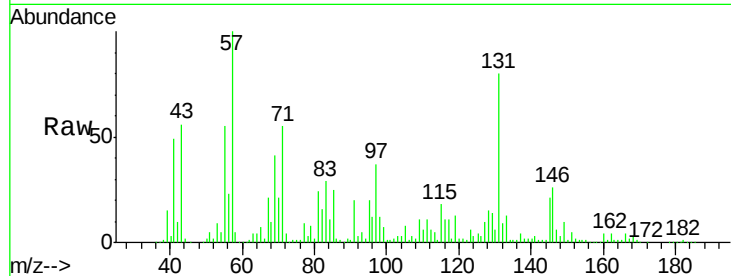




#33
4-Chloroaniline
Concen: 65.18 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

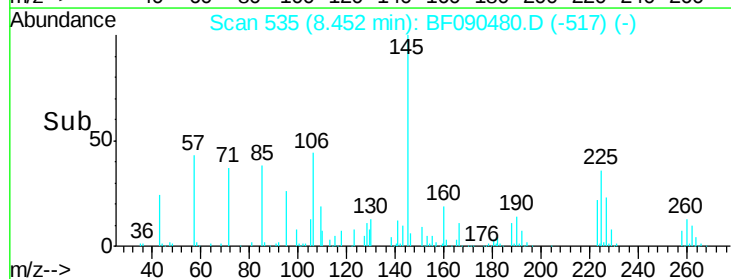
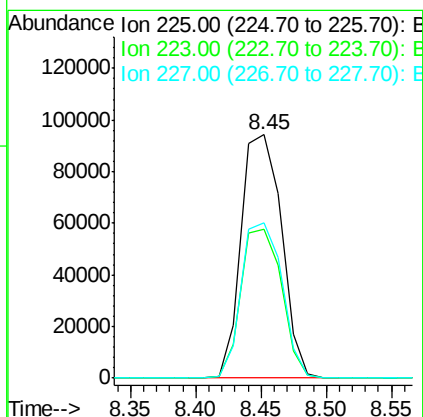
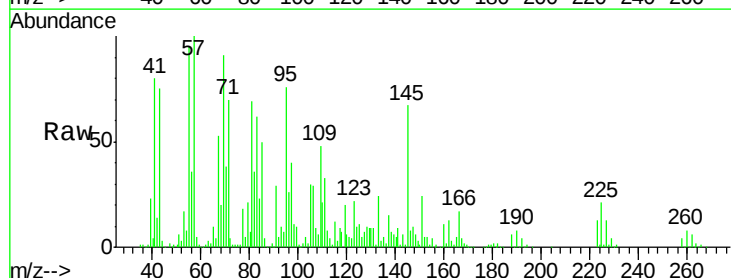
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

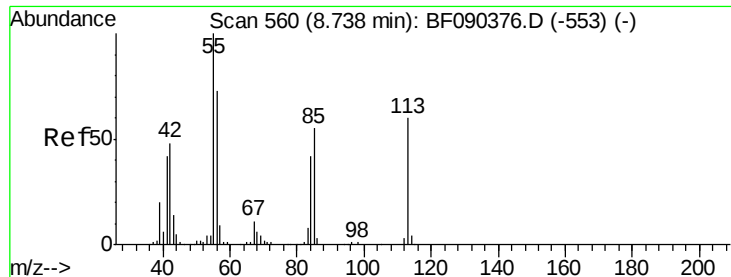
Tgt Ion:	127	Resp:	690801
Ion	Ratio	Lower	Upper
127	100		
129	132.7	26.2	39.4#
65	72.5	32.5	48.7#
92	29.2	17.2	25.8#



#34
Hexachlorobutadiene
Concen: 51.14 ng
RT: 8.45 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:	225	Resp:	203291
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.4
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 236.00 ng

RT: 8.75 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

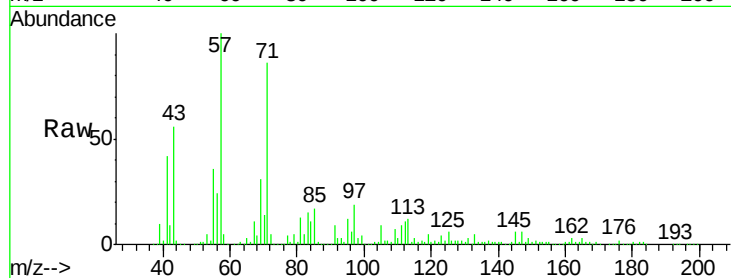
Tgt Ion:113 Resp: 547769

Ion Ratio Lower Upper

113 100

55 287.5 203.3 243.3#

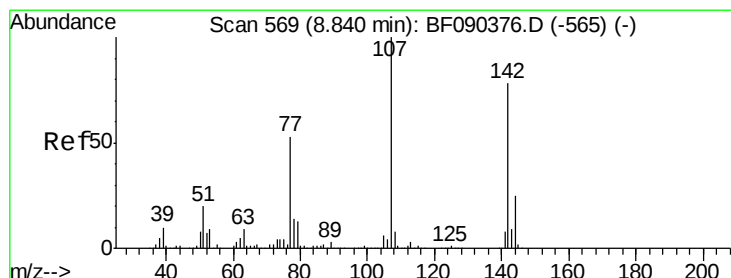
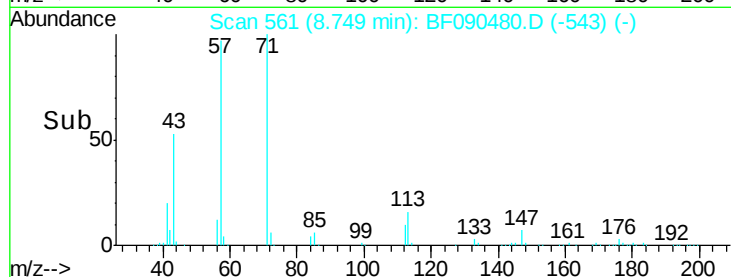
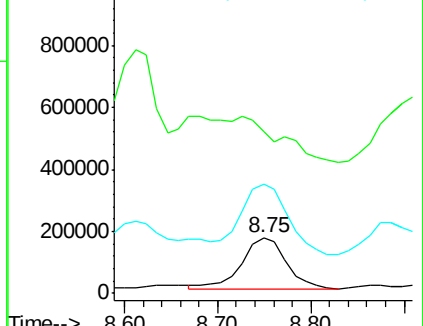
56 195.8 140.5 180.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.39 ng

RT: 8.86 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

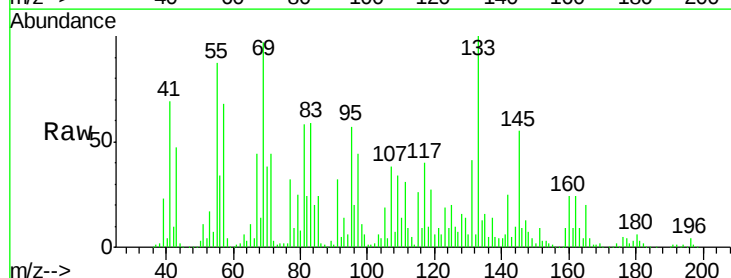
Tgt Ion:107 Resp: 297238

Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.8

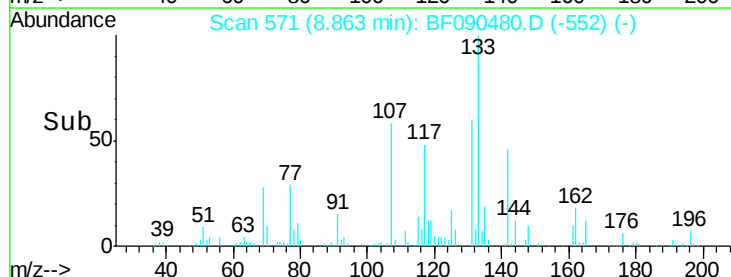
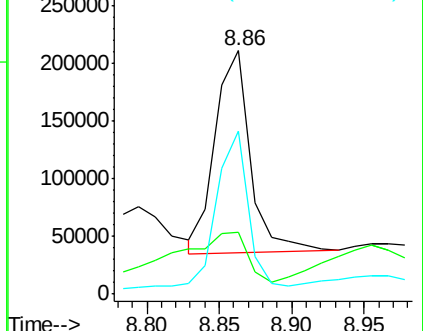
142 66.9 60.7 91.1

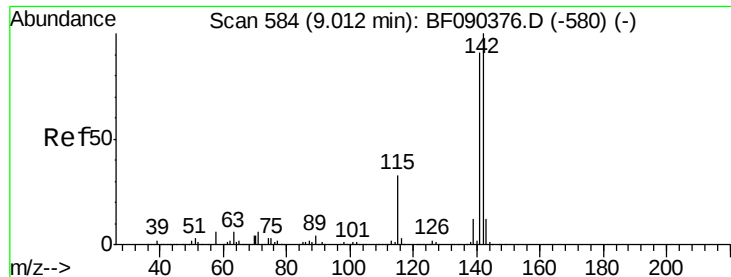


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

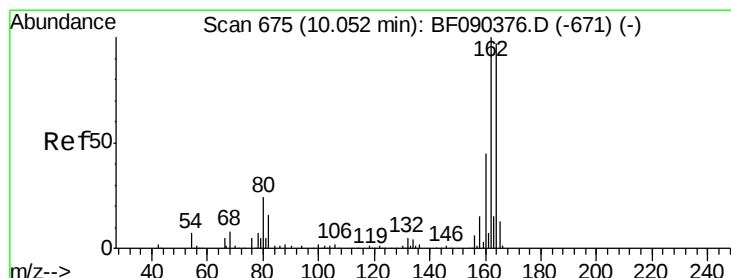
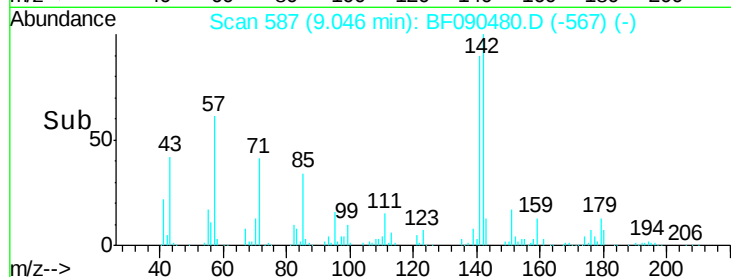
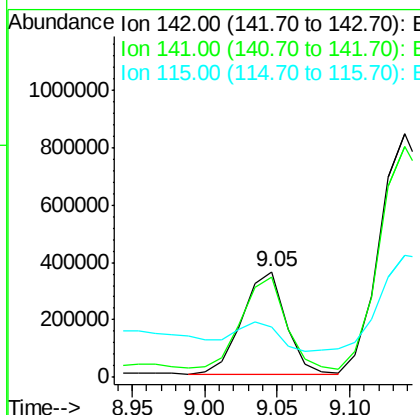
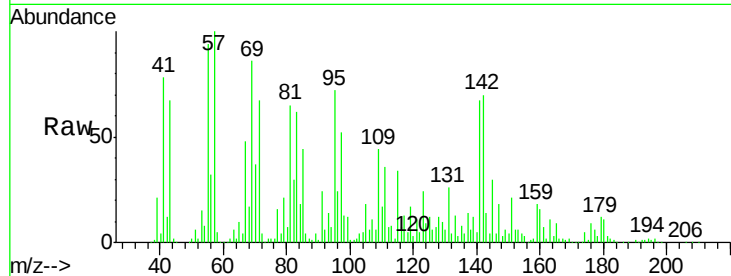




#37
2-Methylnaphthalene
Concen: 48.21 ng
RT: 9.05 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

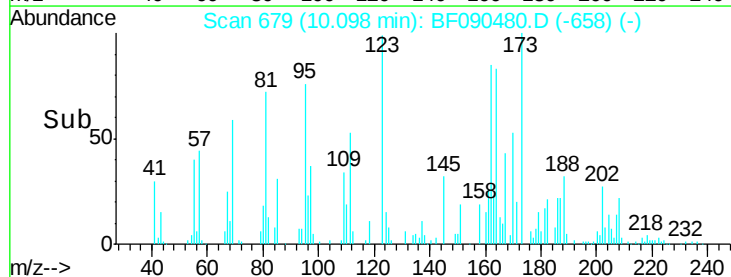
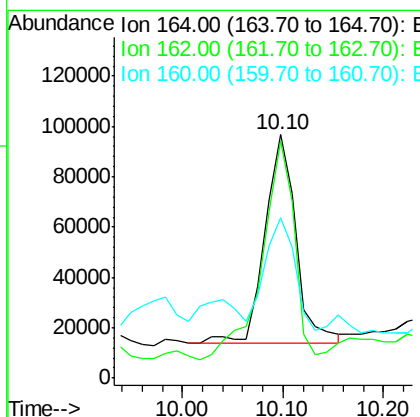
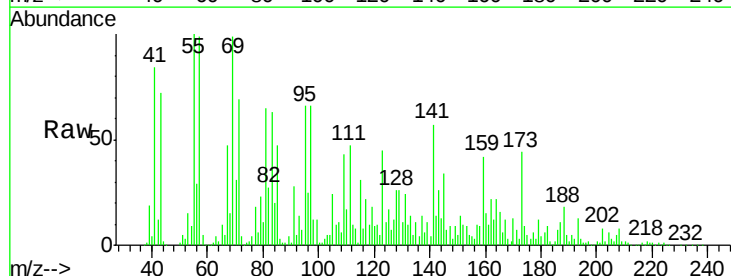
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

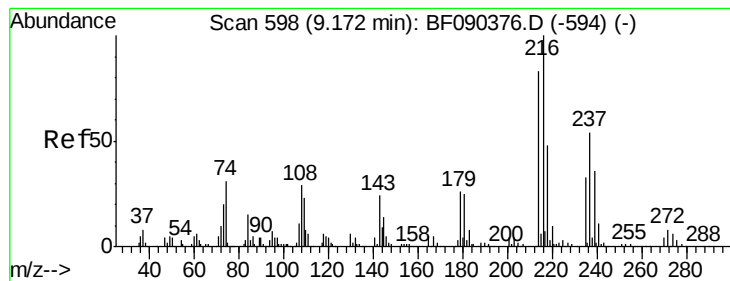
Tgt Ion:142 Resp: 748361
Ion Ratio Lower Upper
142 100
141 94.9 71.8 107.8
115 47.7 28.8 43.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.05 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:164 Resp: 175684
Ion Ratio Lower Upper
164 100
162 97.6 80.1 120.1
160 66.0 36.3 54.5#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.48 ng

RT: 9.22 min Scan# 602

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

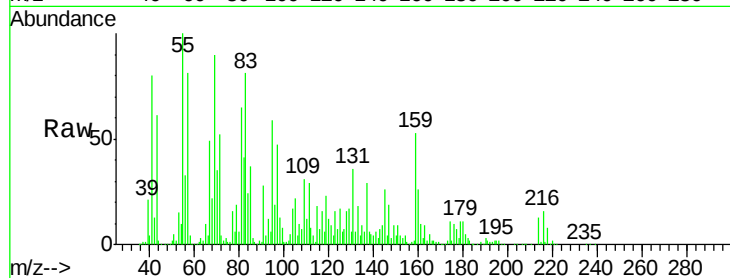
Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

Tgt Ion:	216	Resp:	210648
Ion Ratio	Lower	Upper	
216	100		
214	78.0	64.2	96.2
179	77.1	18.0	27.0#
108	35.4	15.2	22.8#

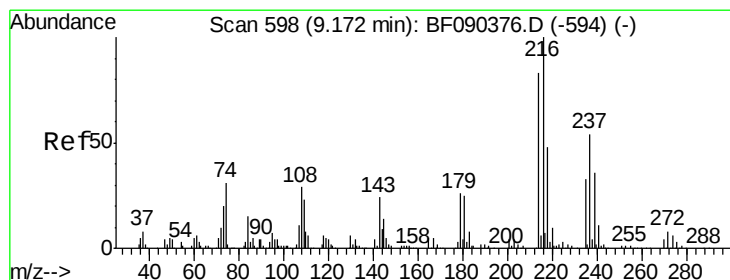
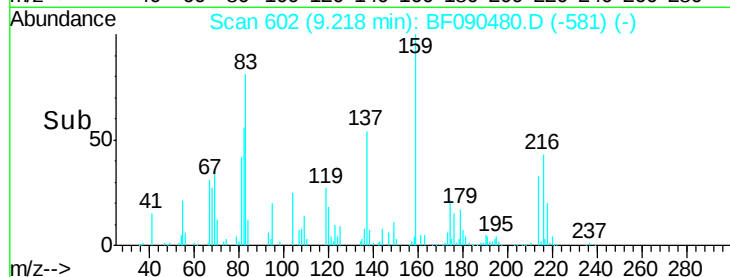
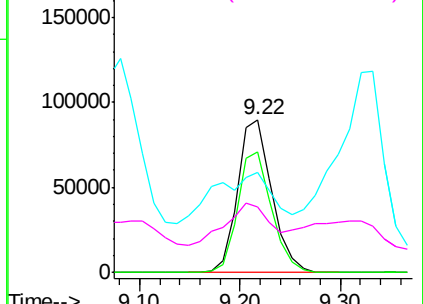


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 9.15 ng

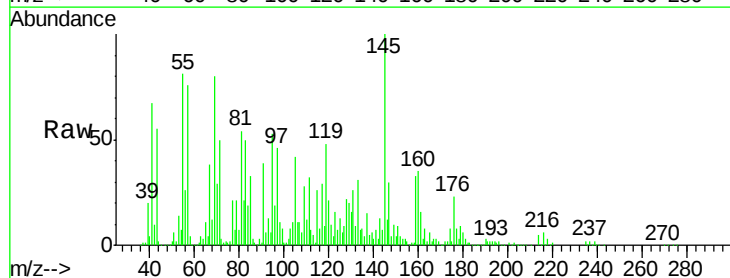
RT: 9.19 min Scan# 600

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

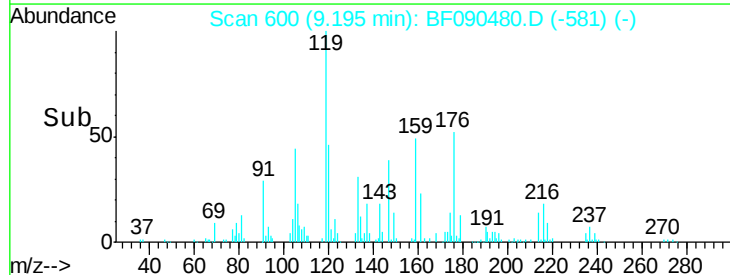
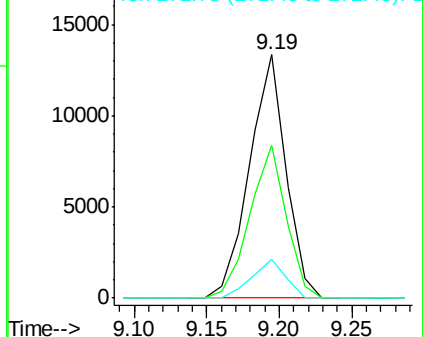
Tgt Ion:	237	Resp:	23236
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.6	83.6
272	16.1	0.0	32.7

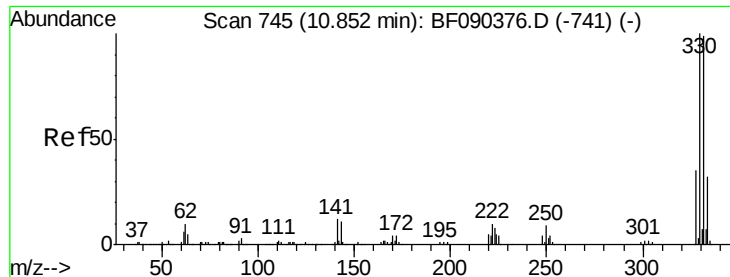


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

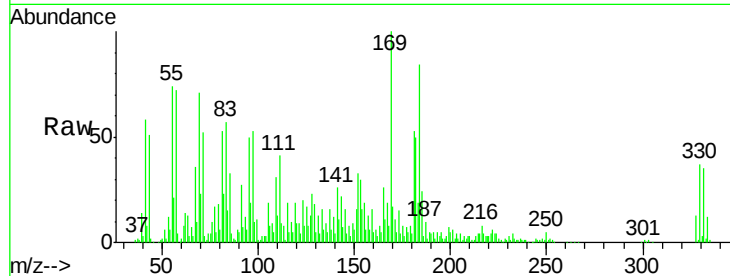




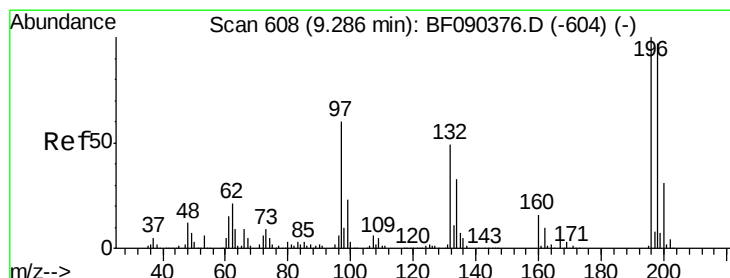
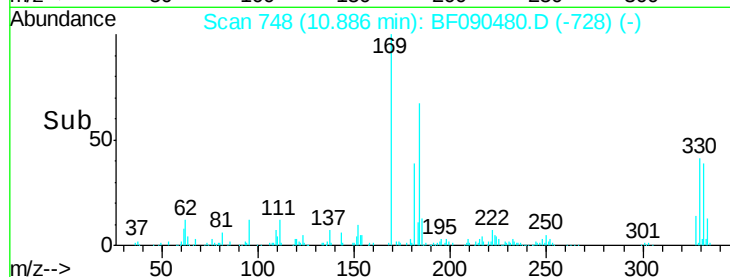
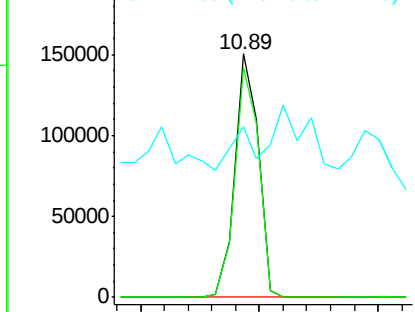
#41
 2,4,6-Tribromophenol
 Concen: 145.19 ng
 RT: 10.89 min Scan# 748
 Delta R.T. 0.03 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion:330 Resp: 207412
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 31.2 26.9 40.3

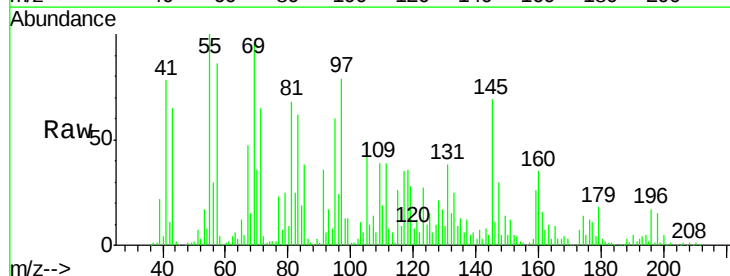


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

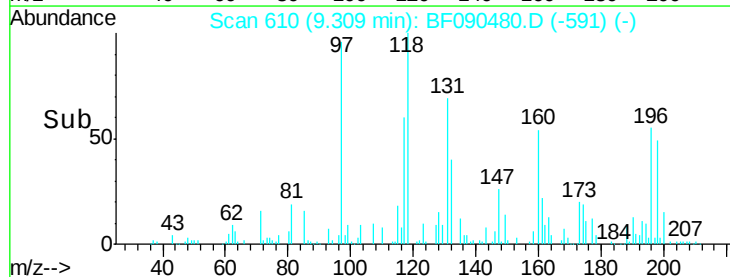
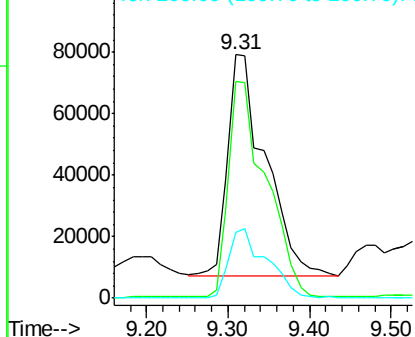


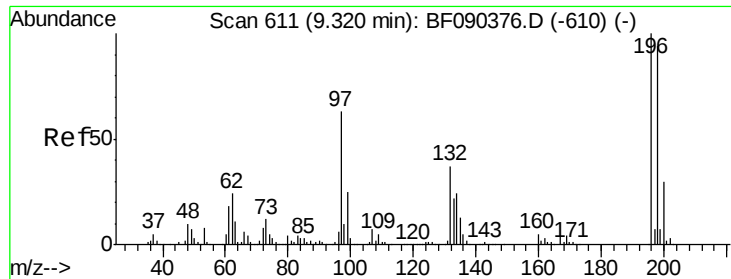
#42
 2,4,6-Trichlorophenol
 Concen: 72.20 ng
 RT: 9.31 min Scan# 610
 Delta R.T. 0.02 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion:196 Resp: 230761
 Ion Ratio Lower Upper
 196 100
 198 89.2 78.9 118.3
 200 27.2 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

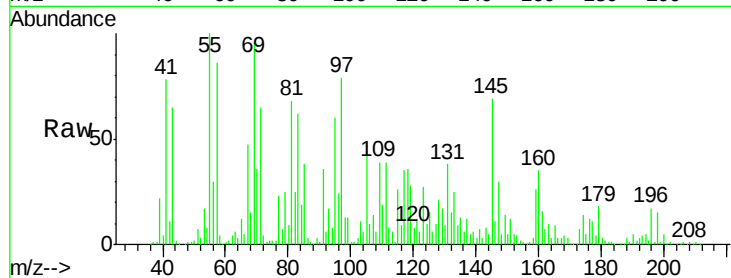




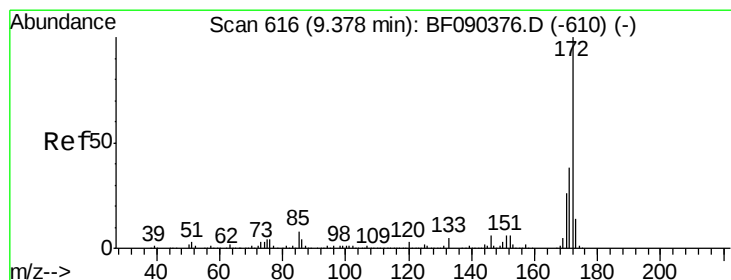
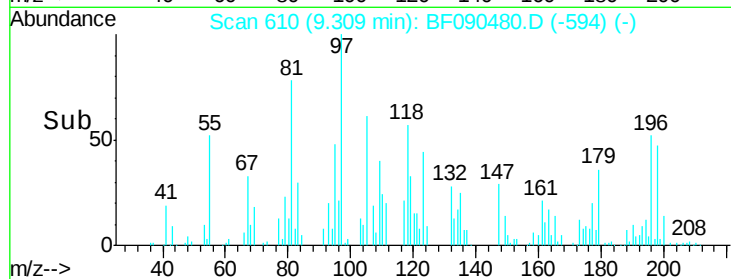
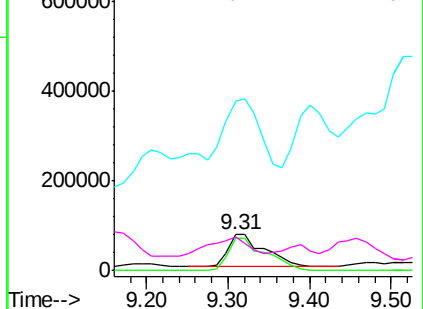
#43
 2,4,5-Trichlorophenol
 Concen: 76.35 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion:196 Resp: 230761
 Ion Ratio Lower Upper
 196 100
 198 89.2 78.1 117.1
 97 476.0 48.1 72.1#
 132 92.7 27.4 41.2#

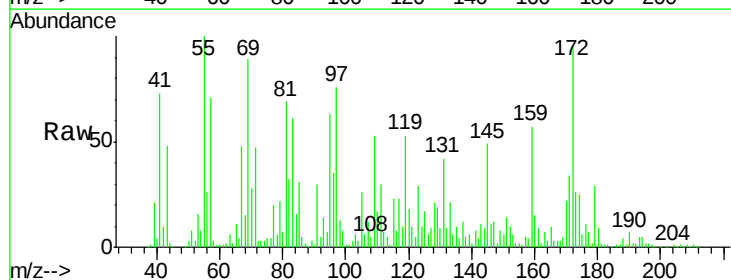


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

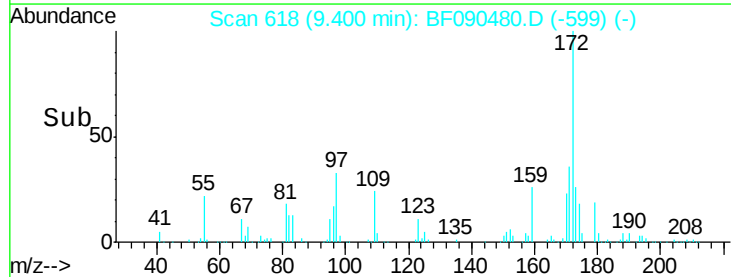
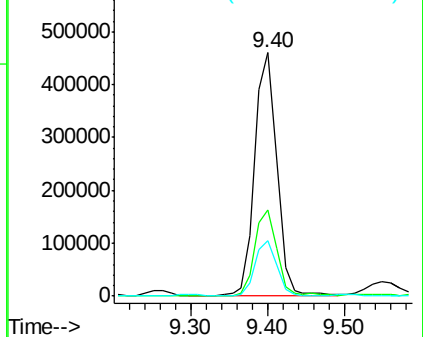


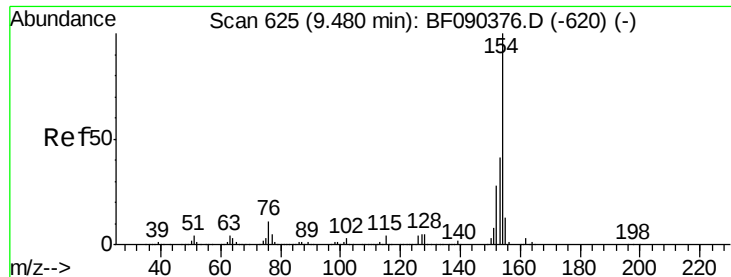
#44
 2-Fluorobiphenyl
 Concen: 85.88 ng
 RT: 9.40 min Scan# 618
 Delta R.T. 0.02 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion:172 Resp: 905596
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.8 47.8
 170 22.6 21.7 32.5



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: 39.28 ng

RT: 9.50 min Scan# 627

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

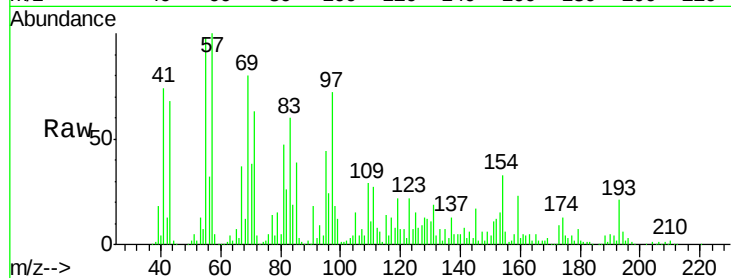
Tgt Ion:154 Resp: 511316

Ion Ratio Lower Upper

154 100

153 46.0 23.8 63.8

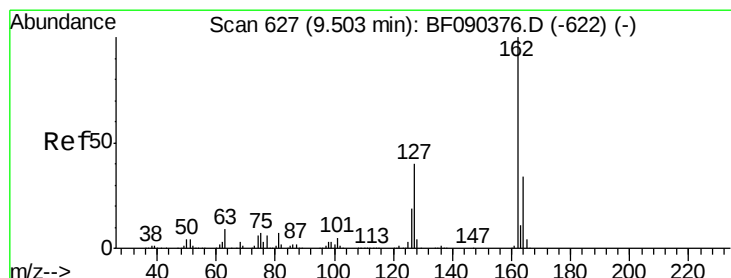
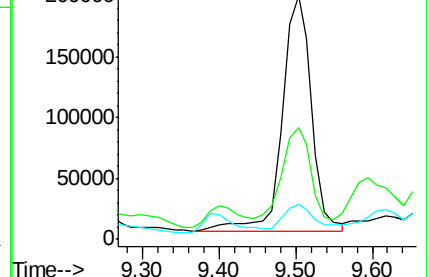
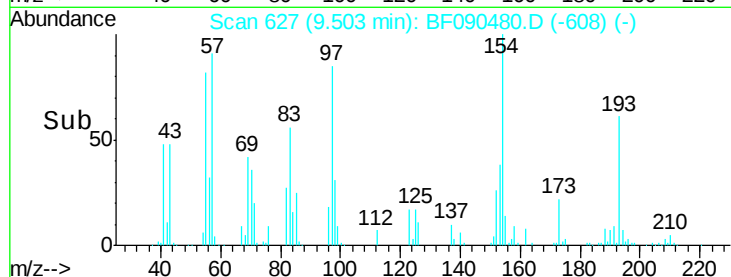
76 14.5 0.0 35.8



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: 39.91 ng

RT: 9.53 min Scan# 629

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

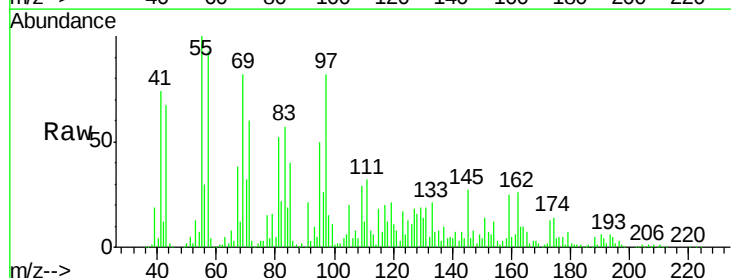
Tgt Ion:162 Resp: 383873

Ion Ratio Lower Upper

162 100

127 67.9 35.6 53.4#

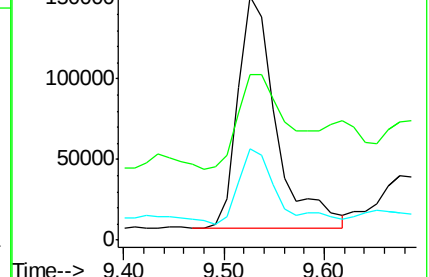
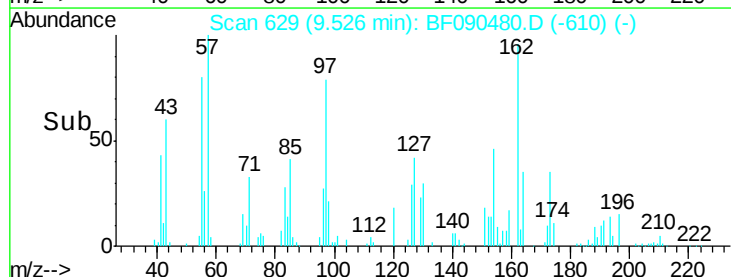
164 37.6 27.5 41.3

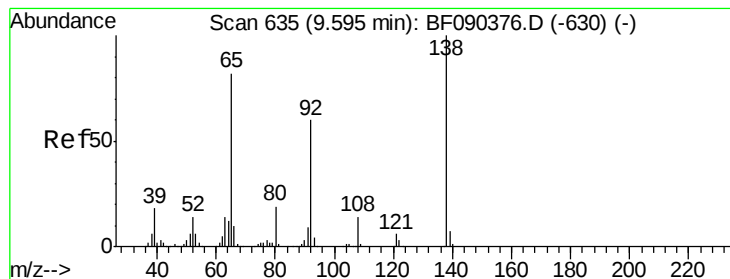


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.13 ng

RT: 9.61 min Scan# 636

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

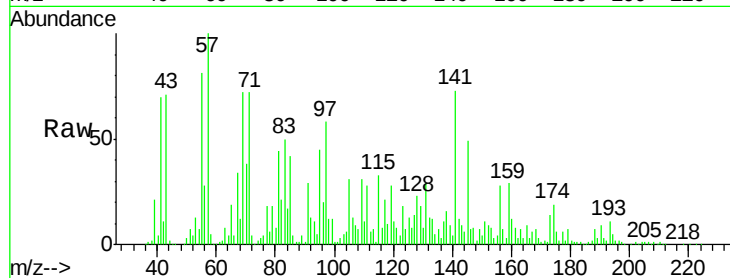
Tgt Ion: 65 Resp: 156094

Ion Ratio Lower Upper

65 100

92 67.7 51.7 77.5

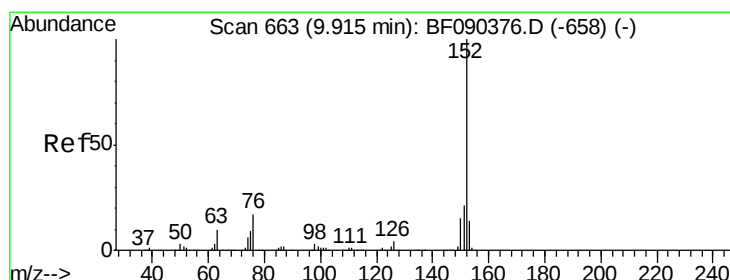
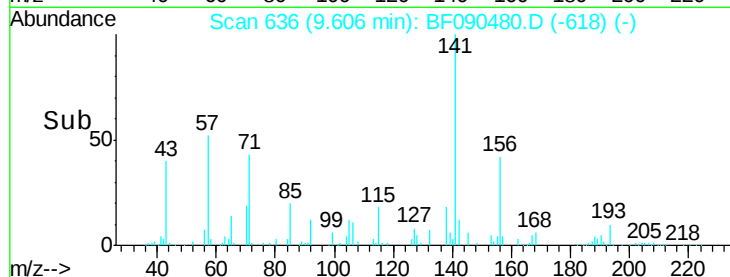
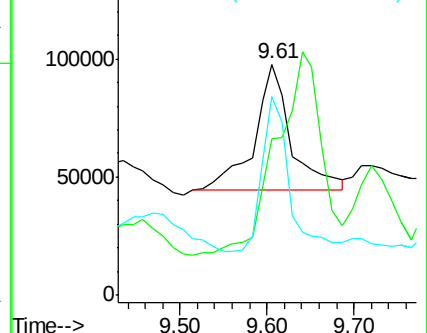
138 86.1 79.0 118.4



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: 44.04 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

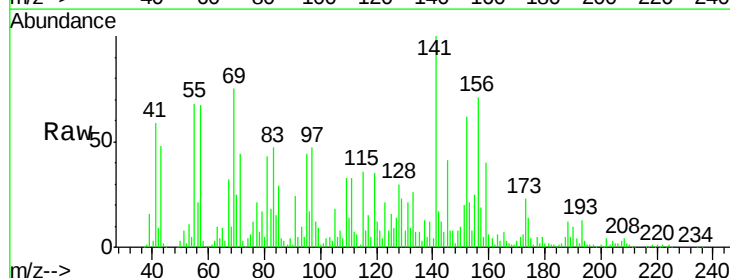
Tgt Ion: 152 Resp: 698862

Ion Ratio Lower Upper

152 100

151 32.7 17.4 26.0#

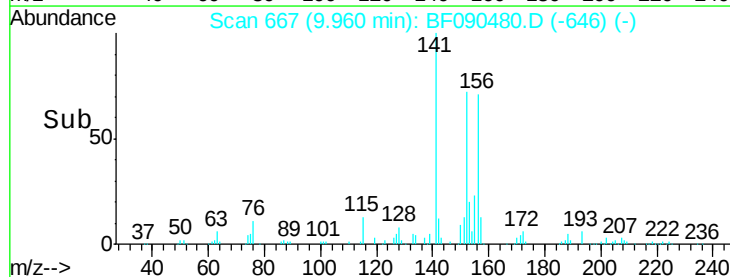
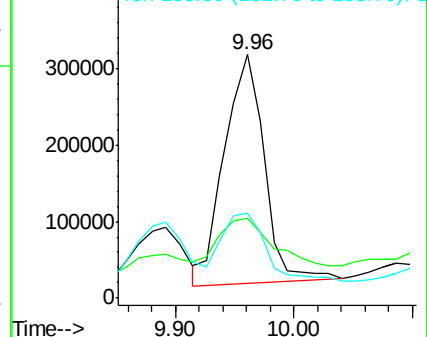
153 34.7 11.6 17.4#

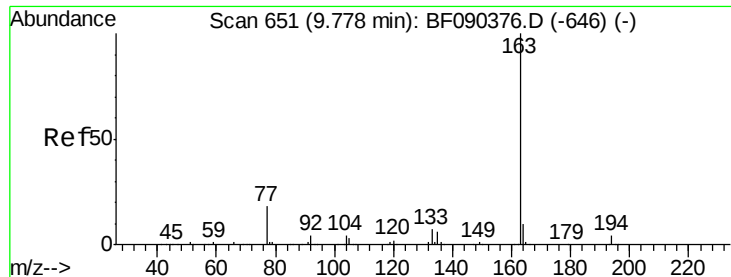


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

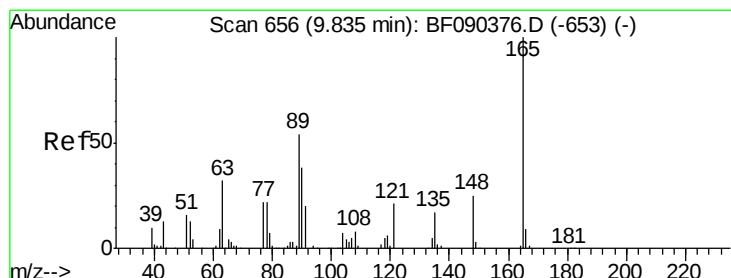
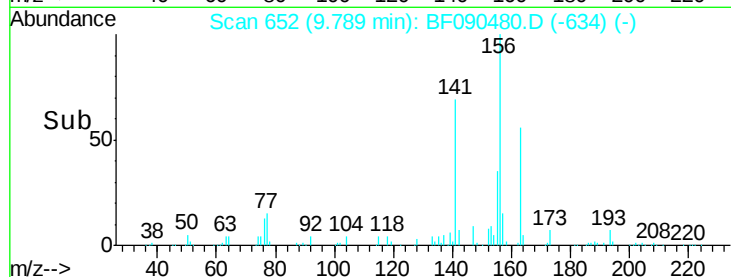
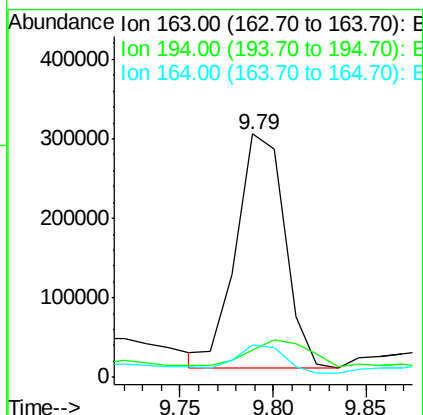
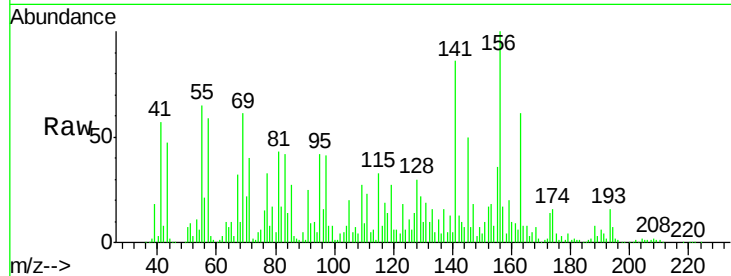




#49
Dimethylphthalate
Concen: 47.45 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

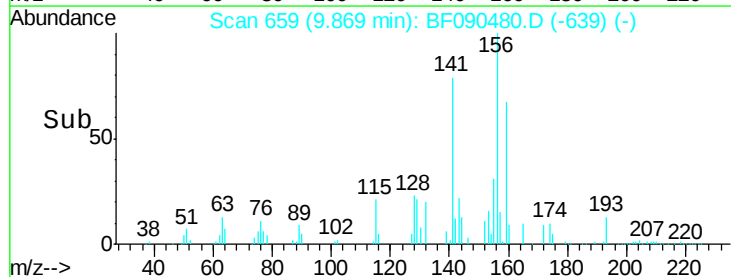
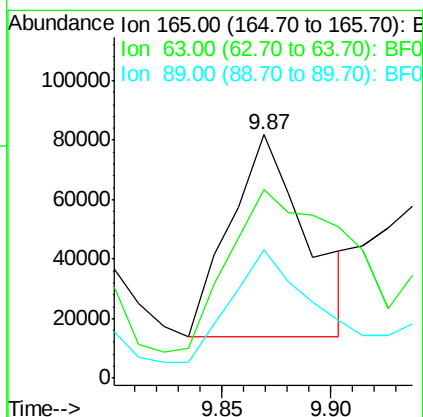
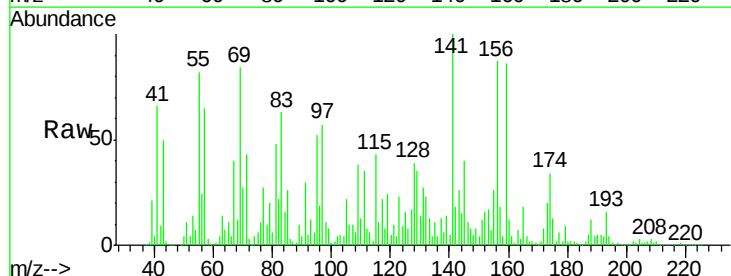
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

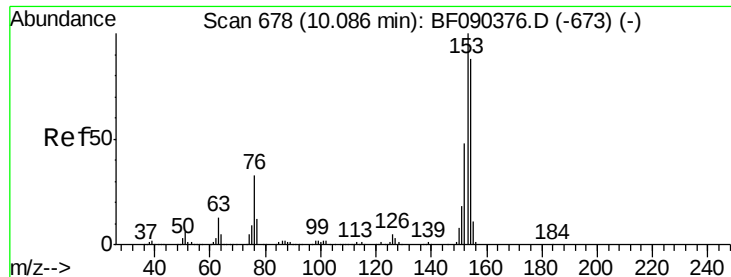
Tgt Ion:163 Resp: 533910
Ion Ratio Lower Upper
163 100
194 11.1 2.8 4.2#
164 13.2 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 66.58 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:165 Resp: 166309
Ion Ratio Lower Upper
165 100
63 77.6 58.0 87.0
89 52.5 51.2 76.8





#51

Acenaphthene

Concen: 55.14 ng

RT: 10.13 min Scan# 682

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

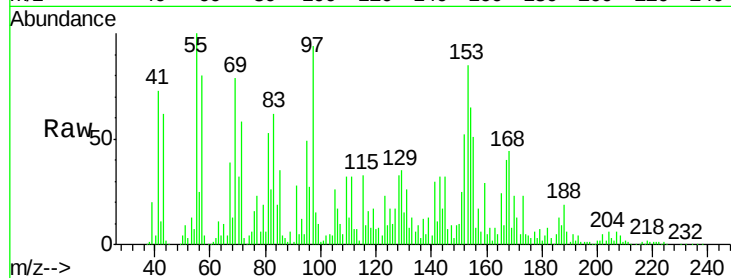
Tgt Ion:154 Resp: 545690

Ion Ratio Lower Upper

154 100

153 130.1 88.6 133.0

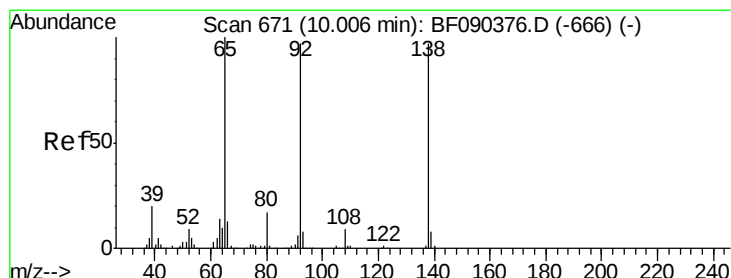
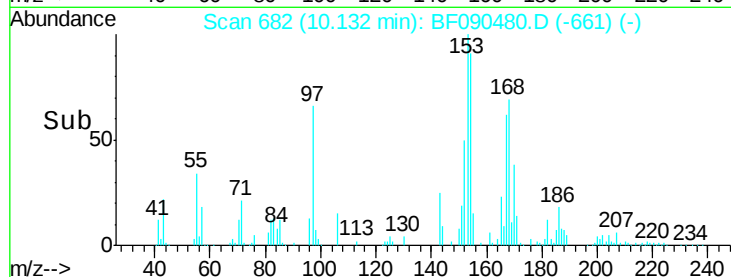
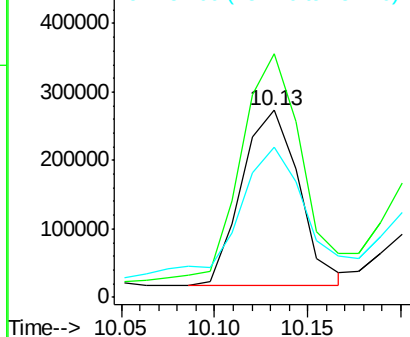
152 80.2 42.6 64.0#



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: 49.61 ng

RT: 10.02 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

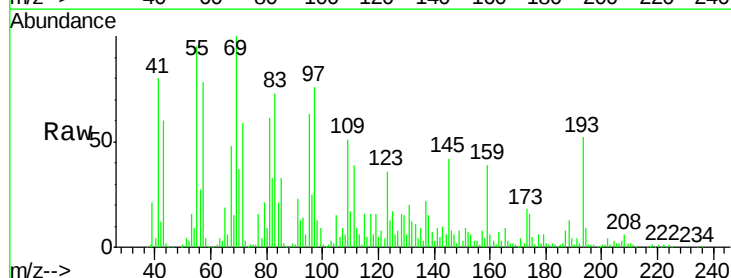
Tgt Ion:138 Resp: 144761

Ion Ratio Lower Upper

138 100

108 42.1 9.7 14.5#

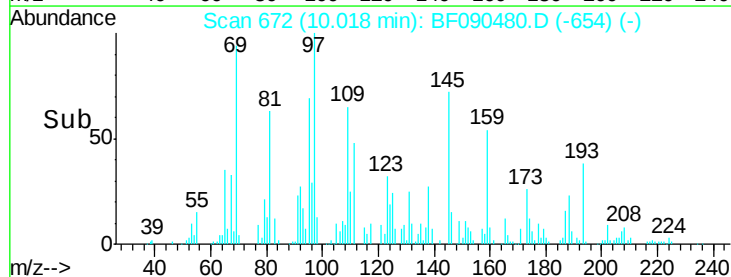
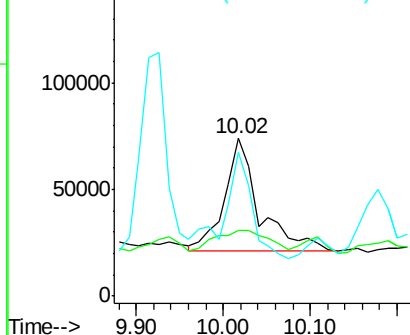
92 91.3 97.1 145.7#

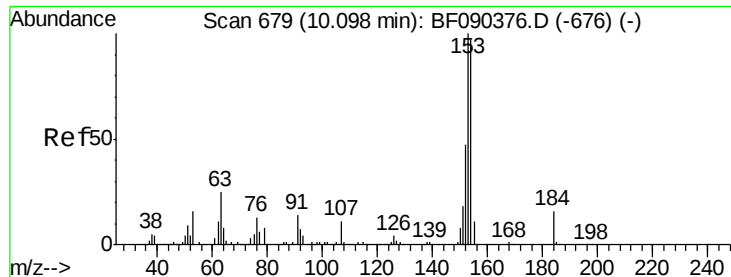


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 3.47 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.08 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

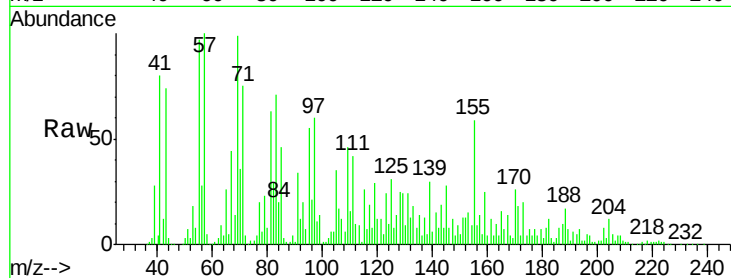
Tgt Ion:184 Resp: 3865

Ion Ratio Lower Upper

184 100

63 1866.2 41.9 62.9#

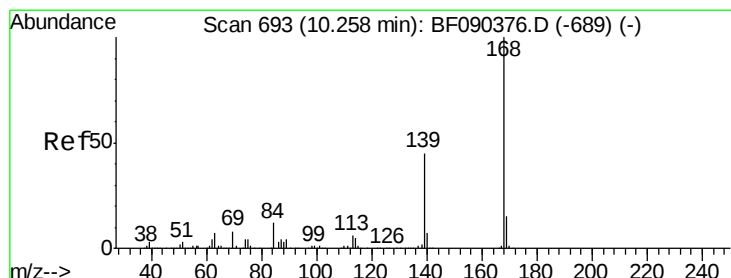
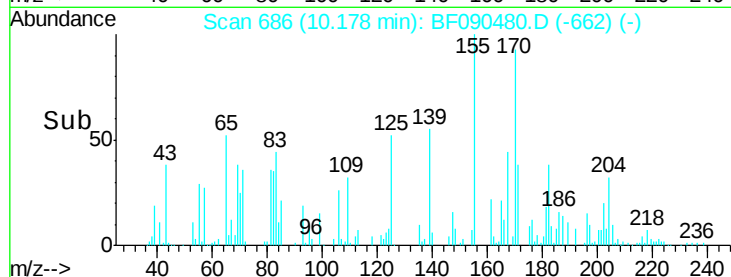
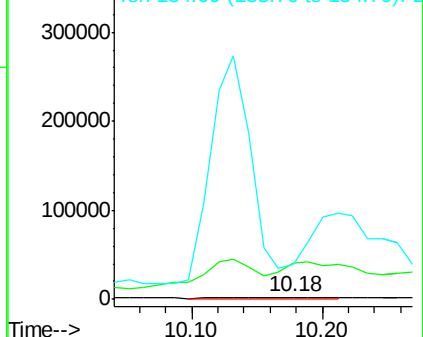
154 1801.9 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.36 ng

RT: 10.30 min Scan# 697

Delta R.T. 0.05 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

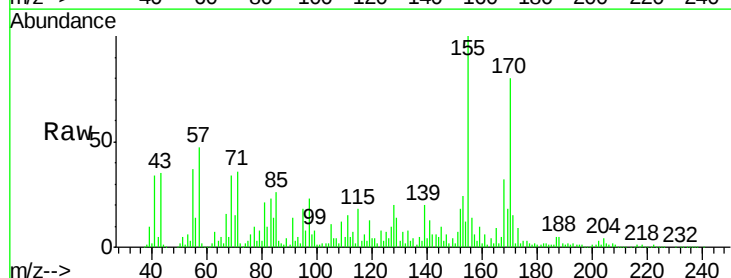
Tgt Ion:168 Resp: 632241

Ion Ratio Lower Upper

168 100

139 61.7 29.6 44.4#

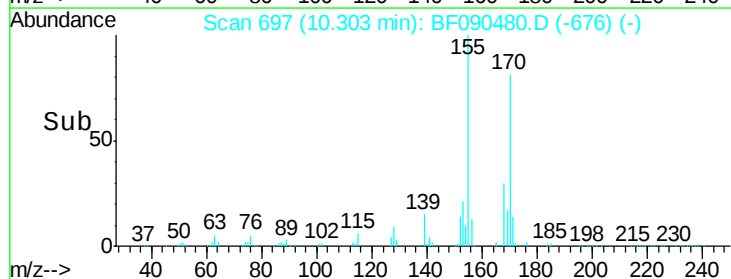
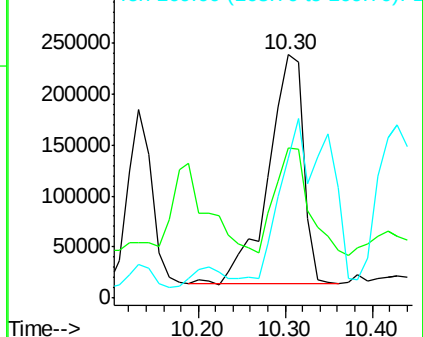
169 57.6 11.3 16.9#

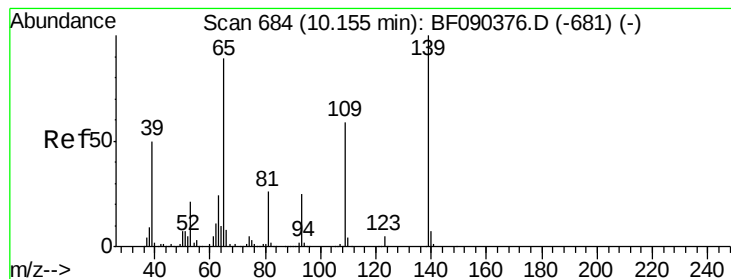


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 152.50 ng

RT: 10.19 min Scan# 687

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

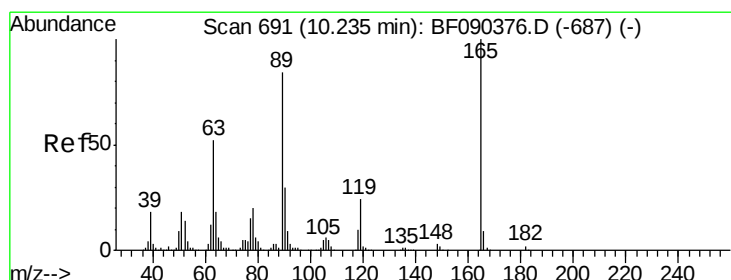
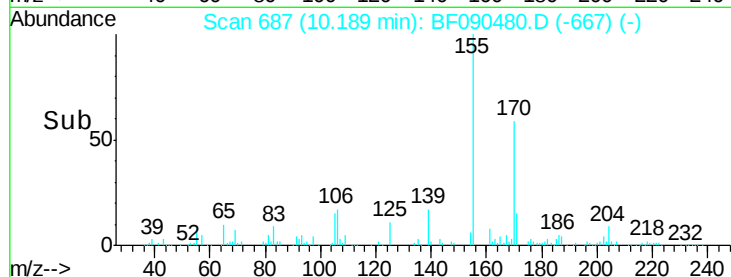
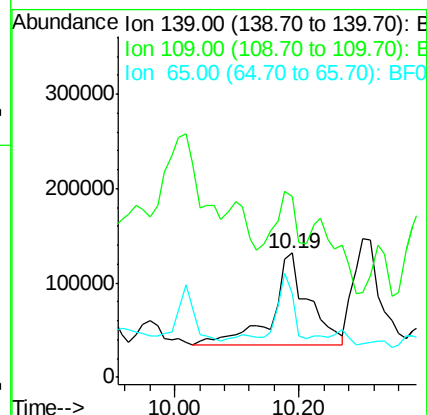
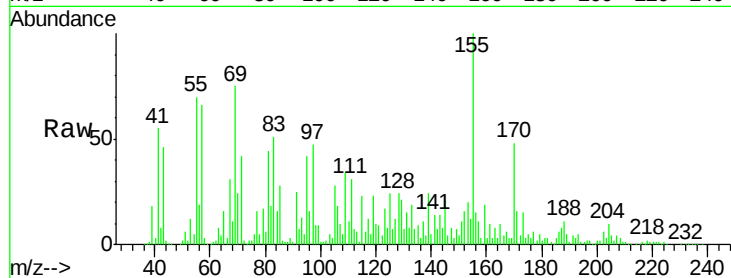
Tgt Ion:139 Resp: 389370

Ion Ratio Lower Upper

139 100

109 145.4 43.6 83.6#

65 67.0 87.5 127.5#



#56

2,4-Dinitrotoluene

Concen: 31.37 ng

RT: 10.27 min Scan# 694

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:165 Resp: 104277

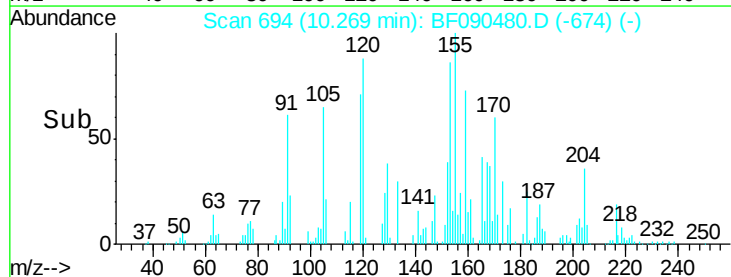
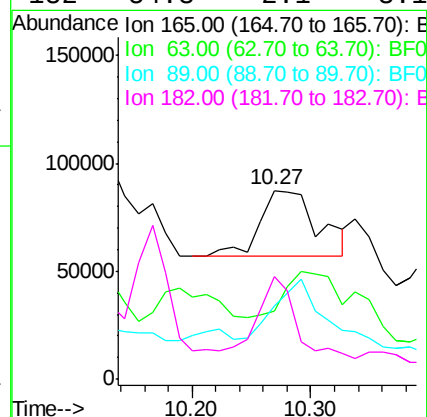
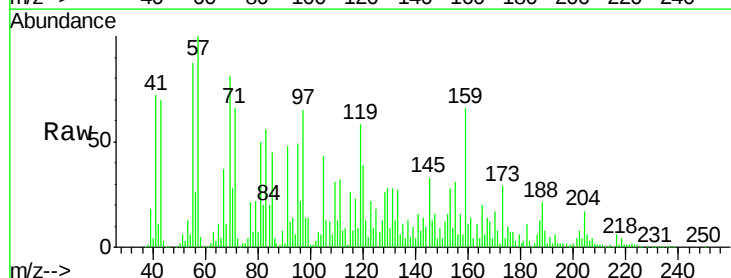
Ion Ratio Lower Upper

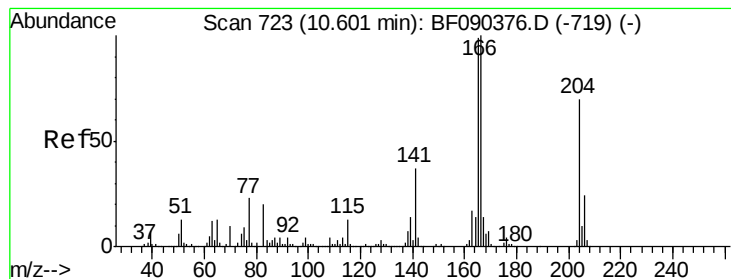
165 100

63 35.9 17.8 26.6#

89 39.1 33.2 49.8

182 54.3 2.1 3.1#





#57

Fluorene

Concen: 73.87 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.06 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

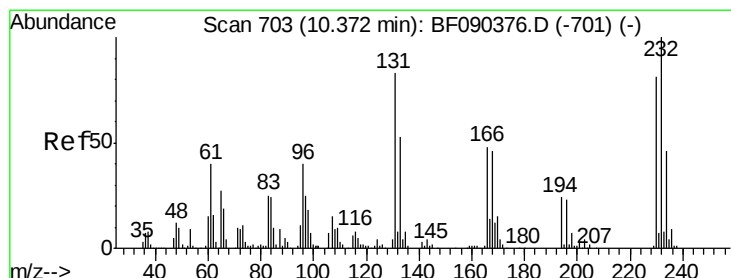
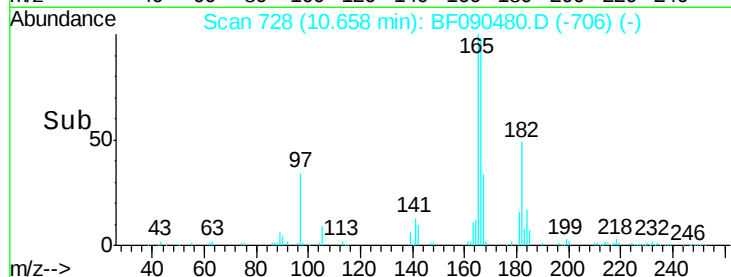
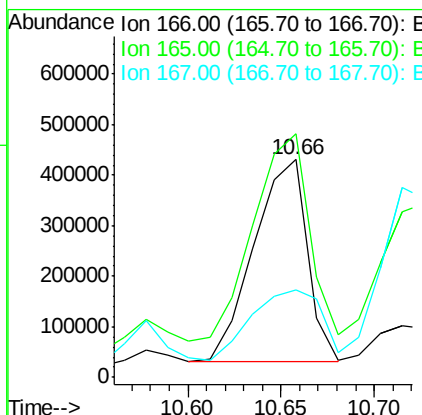
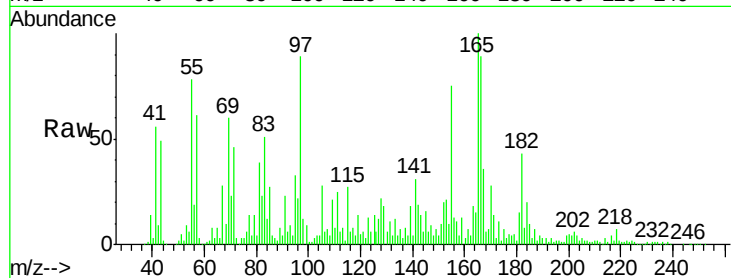
Tgt Ion:166 Resp: 795177

Ion Ratio Lower Upper

166 100

165 112.0 79.2 118.8

167 40.5 11.1 16.7#



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.62 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:232 Resp: 121033

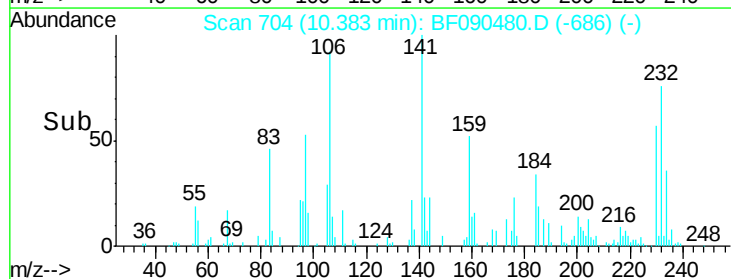
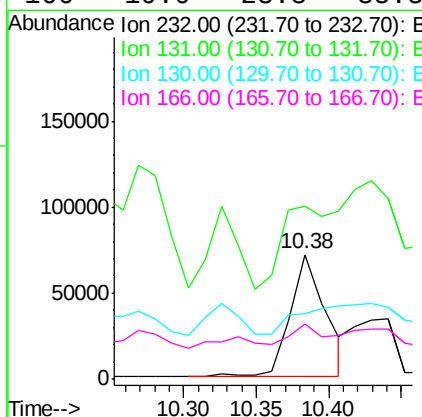
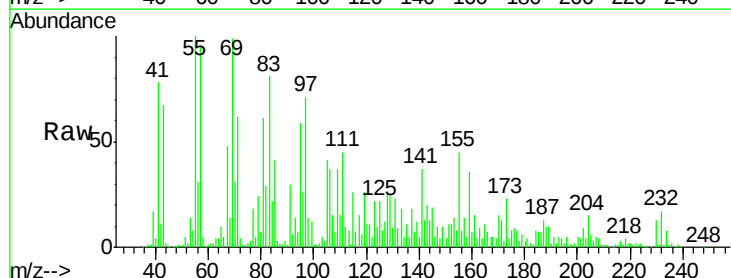
Ion Ratio Lower Upper

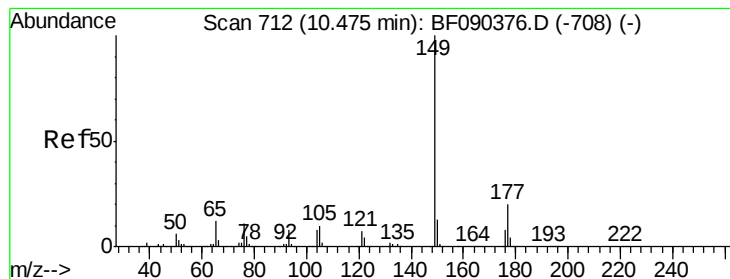
232 100

131 82.2 34.5 51.7#

130 0.0 1.6 2.4#

166 19.0 23.8 35.8#





#59

Diethylphthalate

Concen: 3.58 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.07 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

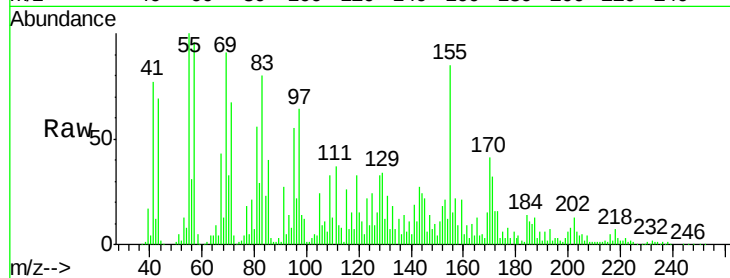
Tgt Ion:149 Resp: 41652

Ion Ratio Lower Upper

149 100

177 73.2 21.1 31.7#

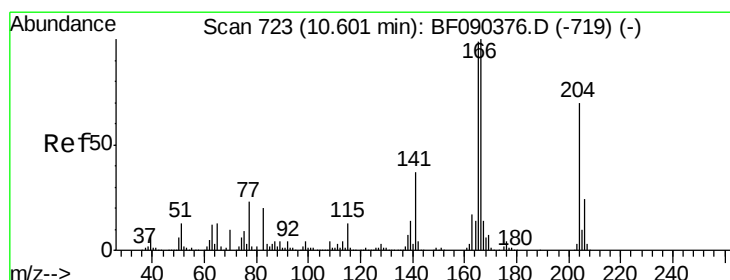
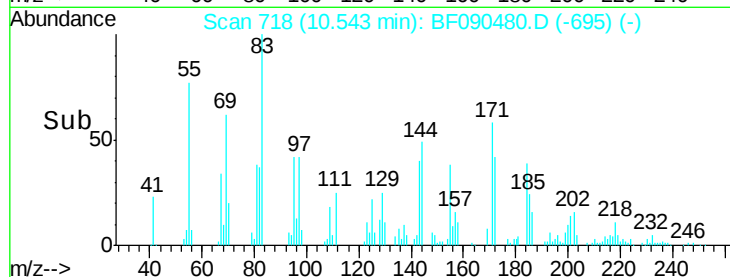
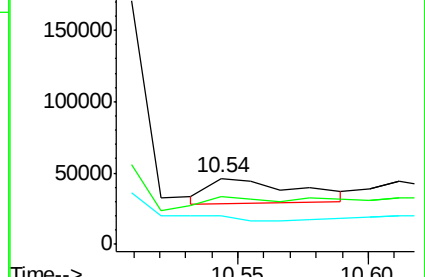
150 42.7 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.67 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

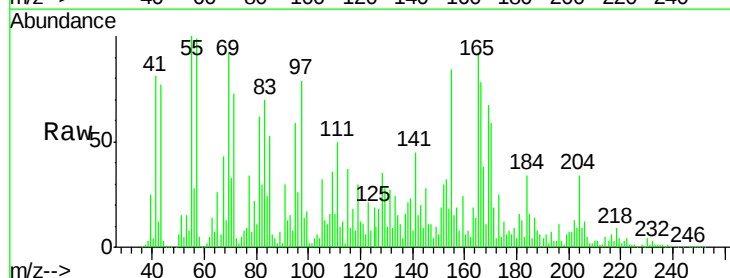
Tgt Ion:204 Resp: 159899

Ion Ratio Lower Upper

204 100

206 35.6 26.7 40.1

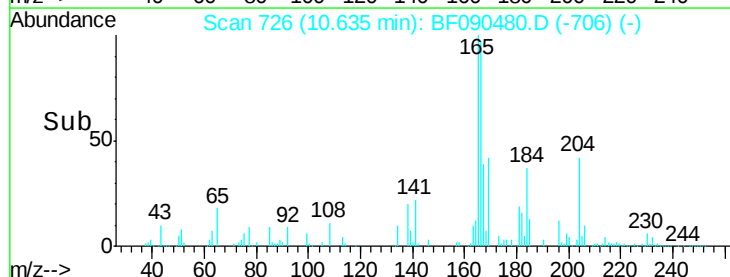
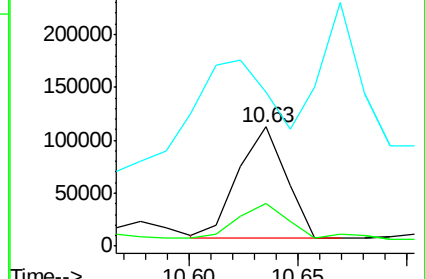
141 129.8 51.7 77.5#

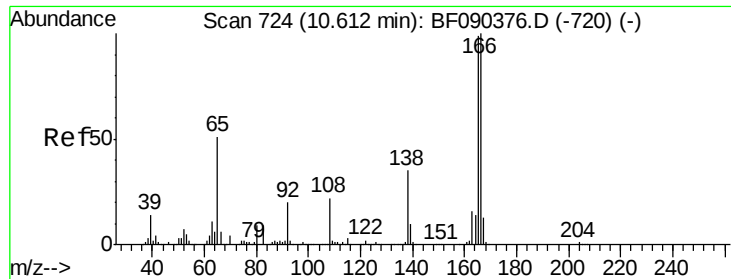


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

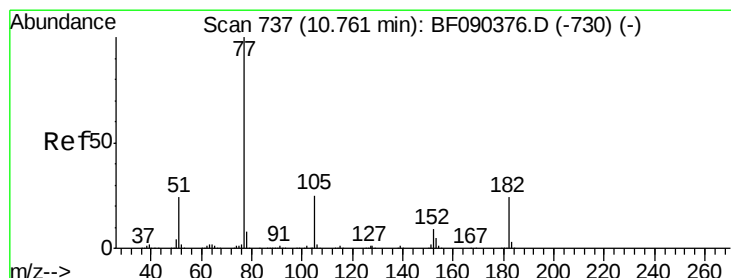
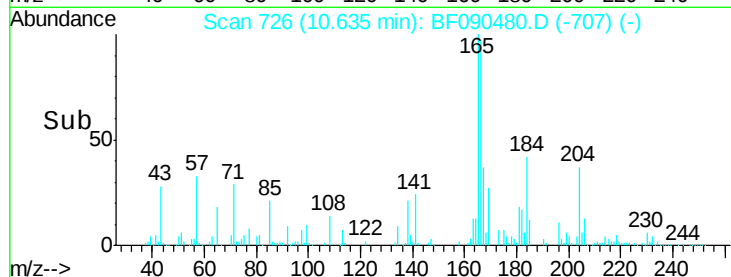
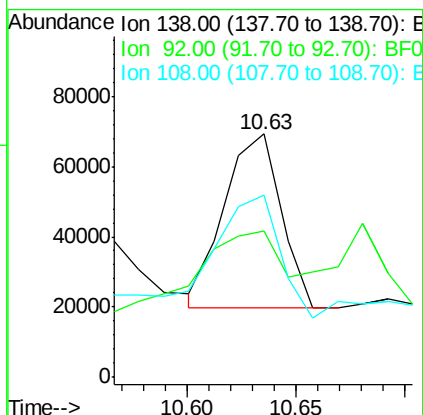
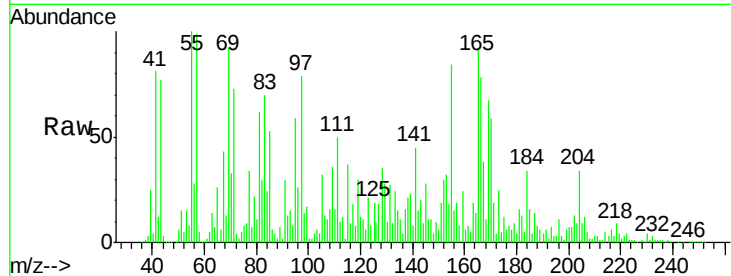




#61
4-Nitroaniline
Concen: 30.53 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

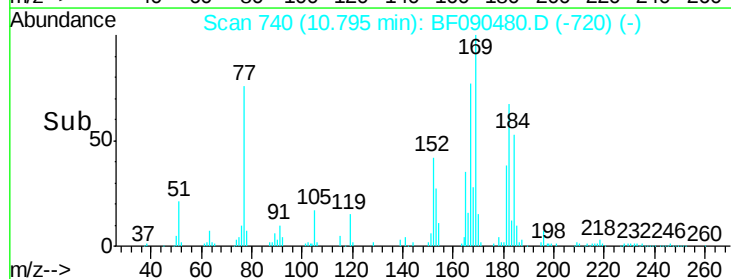
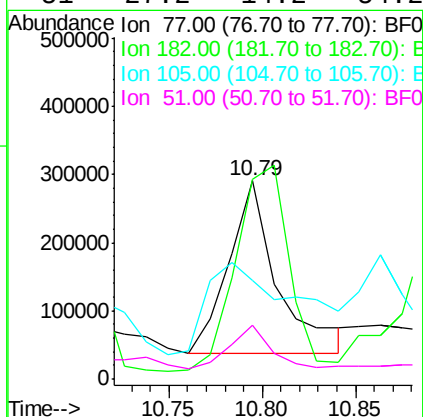
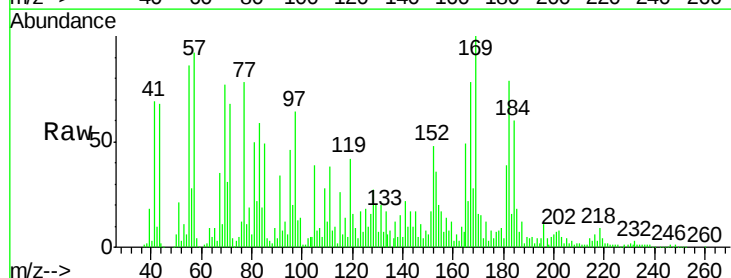
Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

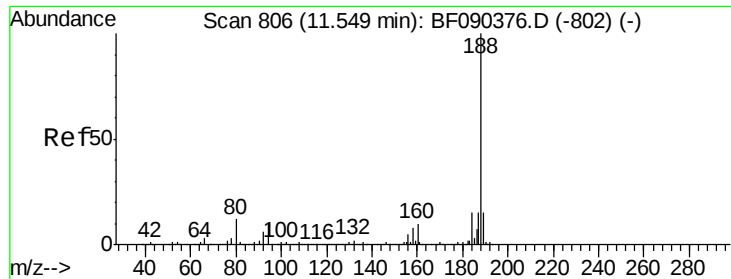
Tgt Ion:138 Resp: 89773
Ion Ratio Lower Upper
138 100
92 60.3 33.2 73.2
108 74.6 48.5 88.5



#62
Azobenzene
Concen: 34.32 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.03 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion: 77 Resp: 461417
Ion Ratio Lower Upper
77 100
182 101.3 3.2 43.2#
105 49.6 2.9 42.9#
51 27.2 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.58 min Scan# 809

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

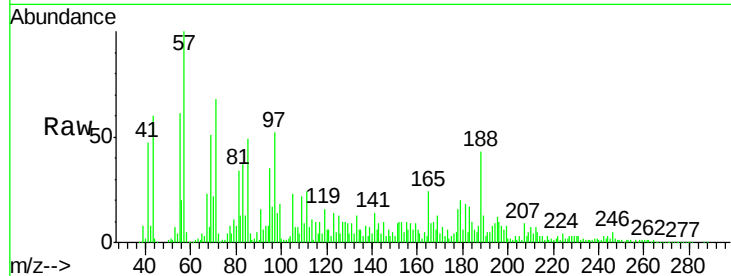
Tgt Ion:188 Resp: 366300

Ion Ratio Lower Upper

188 100

94 18.0 8.2 12.2#

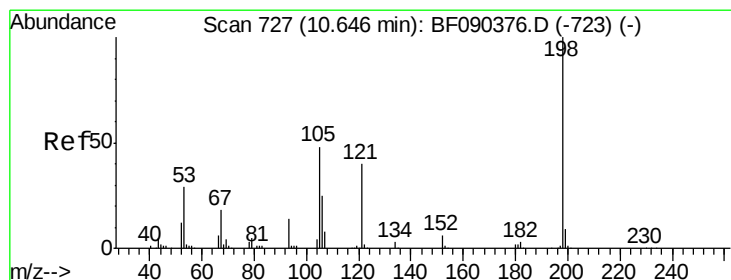
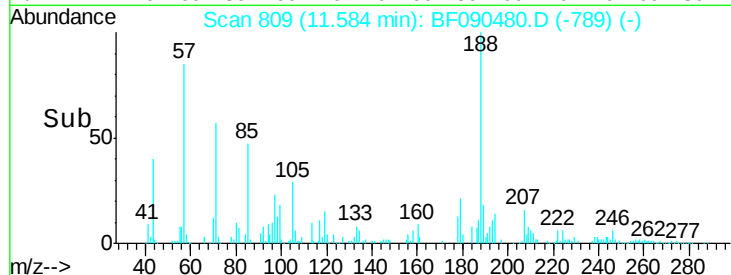
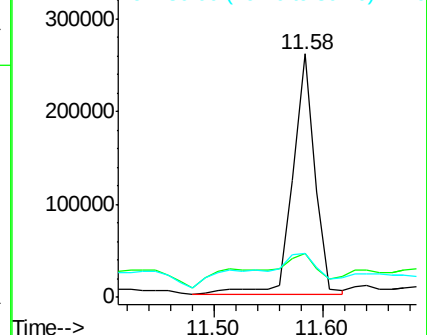
80 18.1 8.8 13.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 9.09 ng

RT: 10.67 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

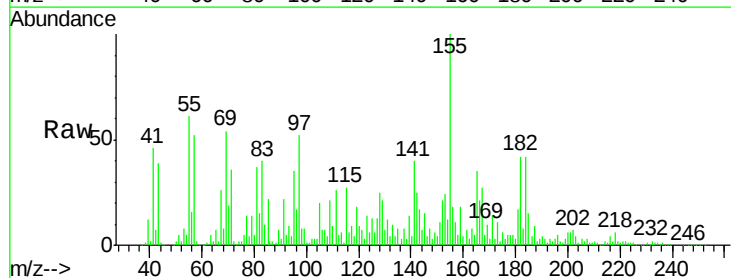
Tgt Ion:198 Resp: 10190

Ion Ratio Lower Upper

198 100

51 427.3 67.3 107.3#

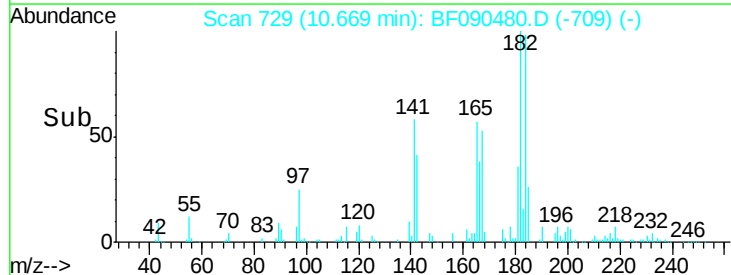
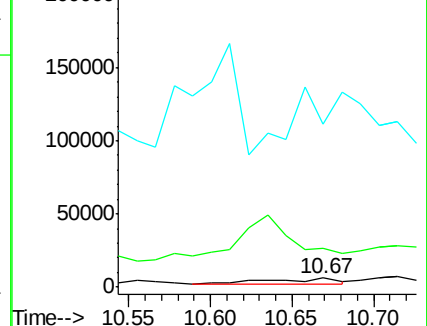
105 1794.9 42.6 82.6#

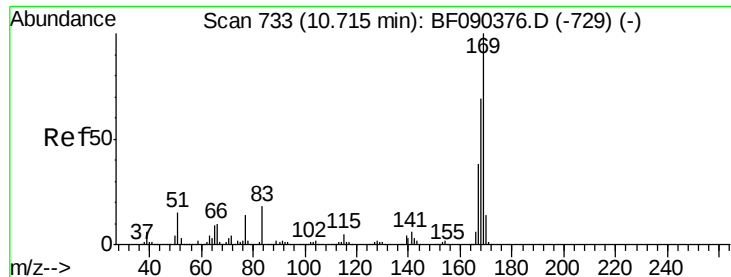


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.73 ng

RT: 10.74 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

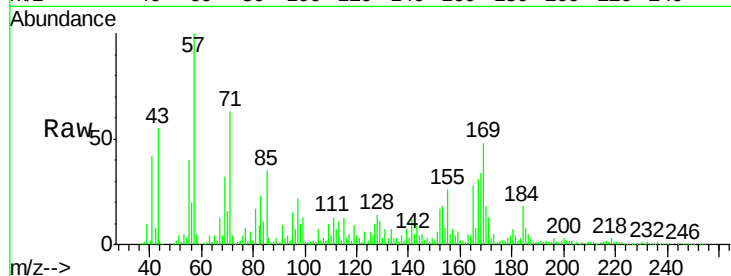
Tgt Ion:169 Resp: 303594

Ion Ratio Lower Upper

169 100

168 70.7 53.8 80.6

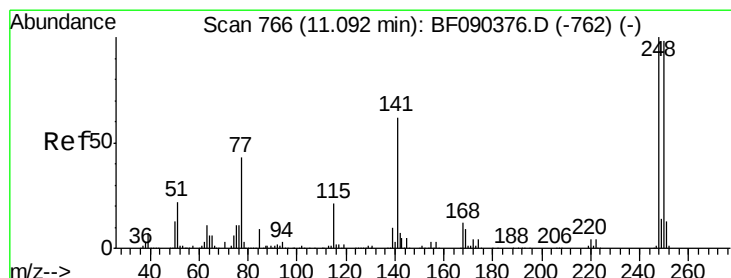
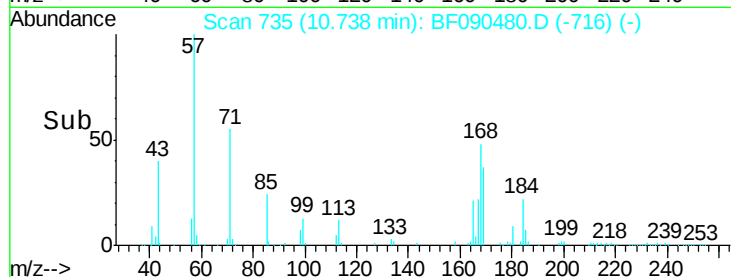
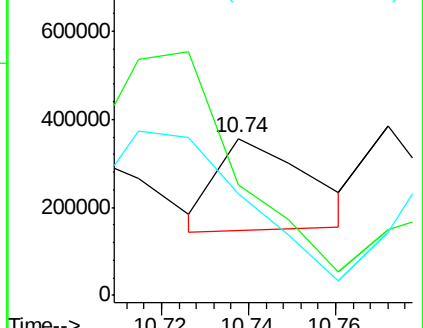
167 65.2 29.8 44.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.26 ng

RT: 11.13 min Scan# 769

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

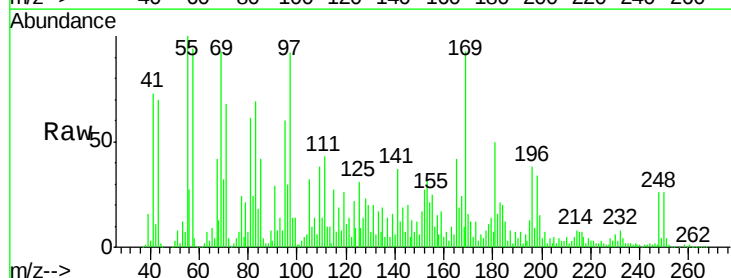
Tgt Ion:248 Resp: 166102

Ion Ratio Lower Upper

248 100

250 97.2 76.5 114.7

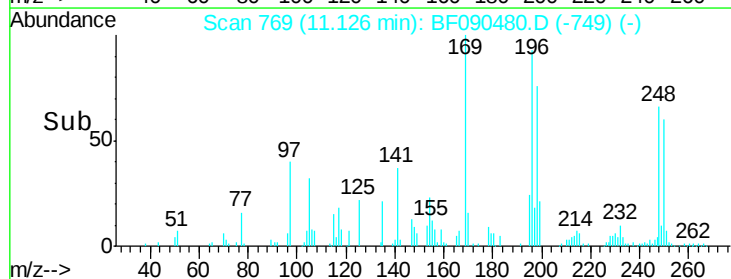
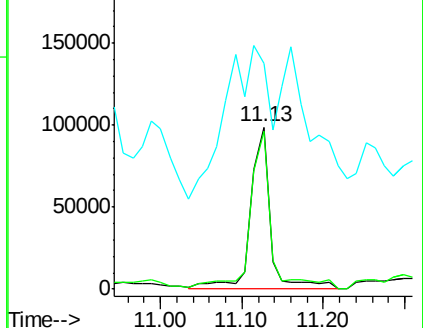
141 139.3 59.8 89.6#

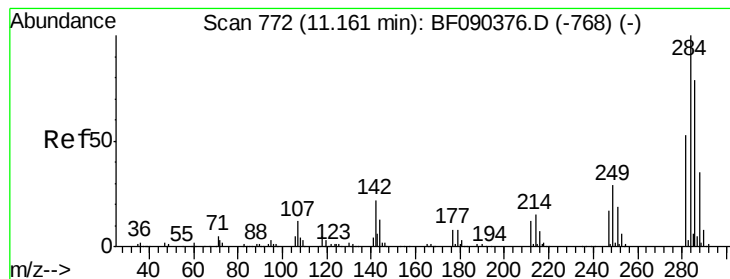


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 25.65 ng

RT: 11.23 min Scan# 778

Delta R.T. 0.07 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

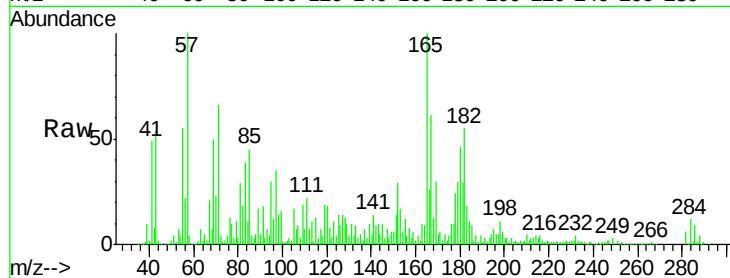
Tgt Ion:284 Resp: 102567

Ion Ratio Lower Upper

284 100

142 71.9 23.1 34.7#

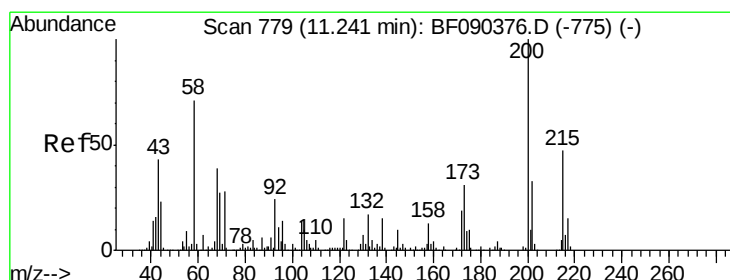
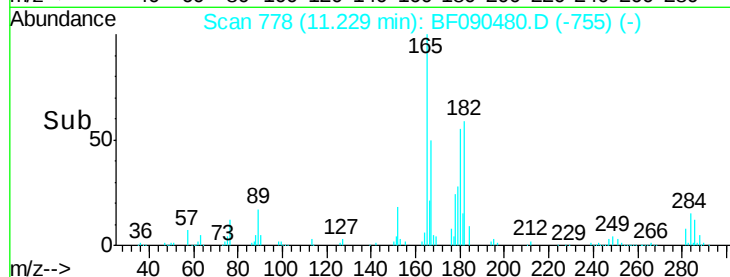
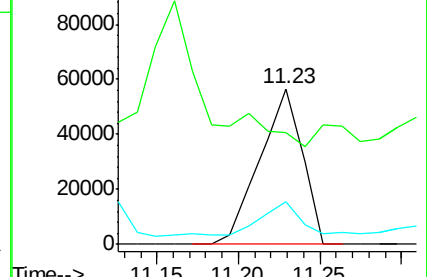
249 27.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 56.41 ng

RT: 11.27 min Scan# 782

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

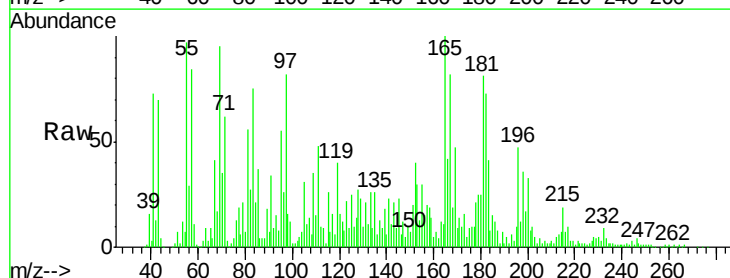
Tgt Ion:200 Resp: 170733

Ion Ratio Lower Upper

200 100

173 48.8 9.0 49.0

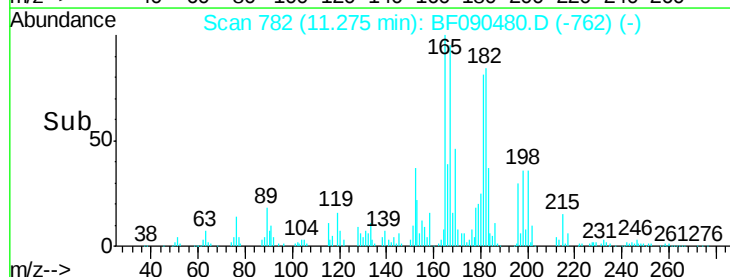
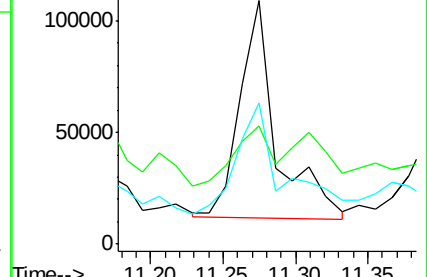
215 58.3 24.8 64.8

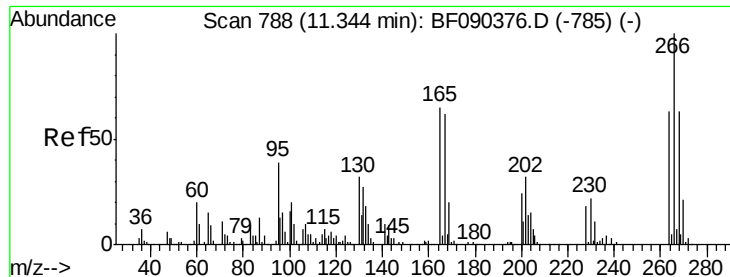


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

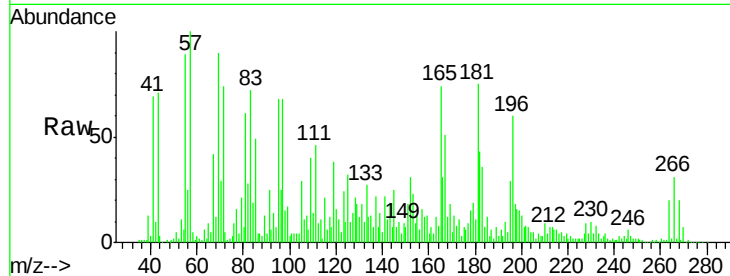




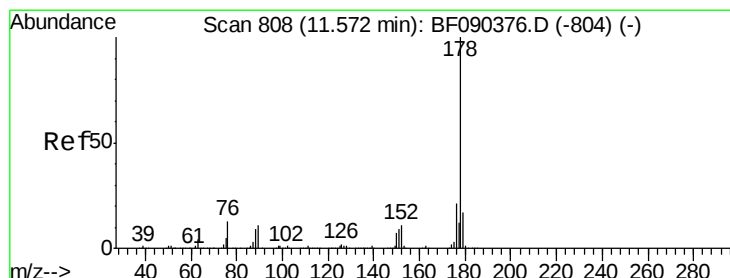
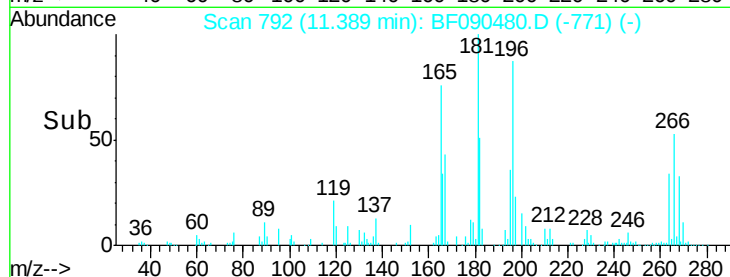
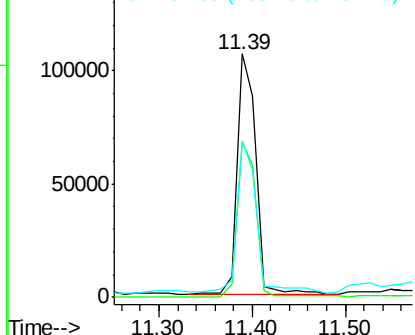
#69
 Pentachlorophenol
 Concen: 62.25 ng
 RT: 11.39 min Scan# 792
 Delta R.T. 0.05 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion:266 Resp: 148166
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.9 76.3
 264 64.1 51.5 77.3

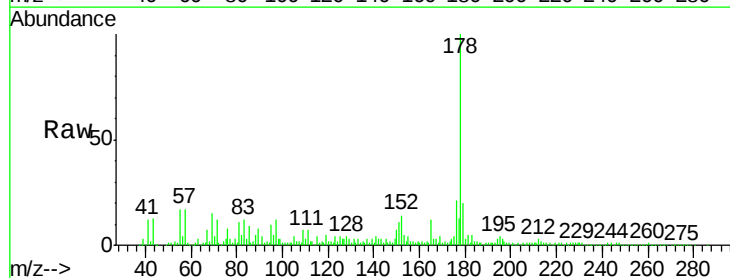


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

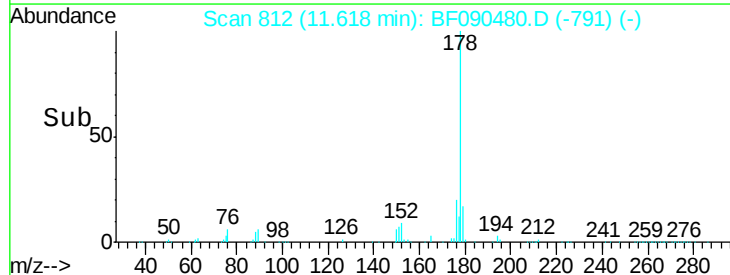
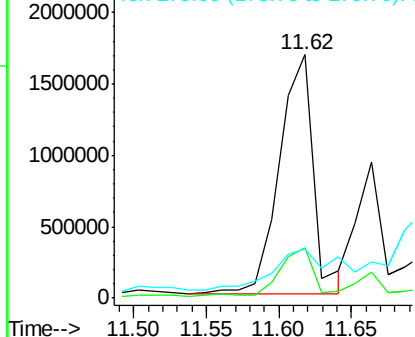


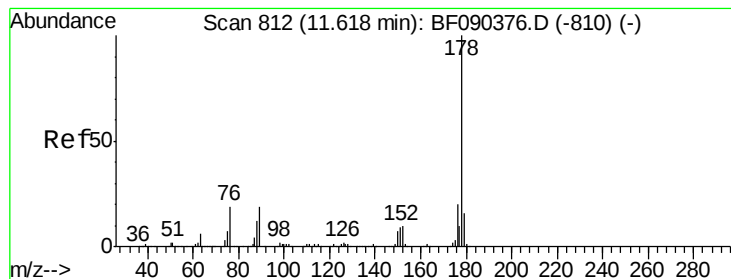
#70
 Phenanthrene
 Concen: 145.35 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.05 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion:178 Resp: 2726285
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.3 25.9
 179 20.1 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 142.33 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

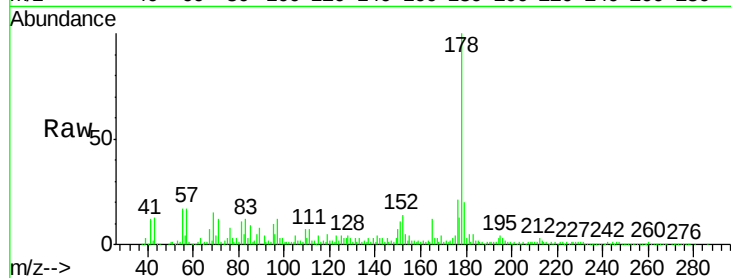
Tgt Ion:178 Resp: 2726285

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

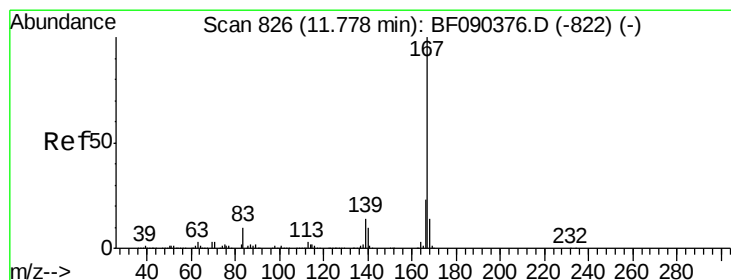
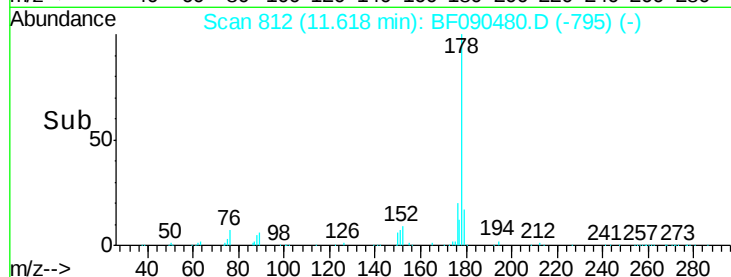
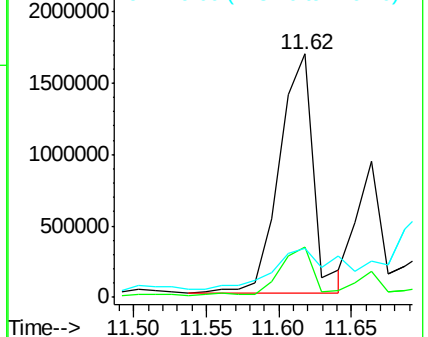
179 20.1 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.70 ng

RT: 11.80 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

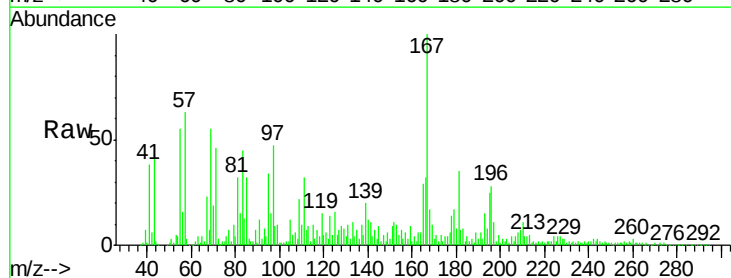
Tgt Ion:167 Resp: 581965

Ion Ratio Lower Upper

167 100

166 32.2 19.1 28.7#

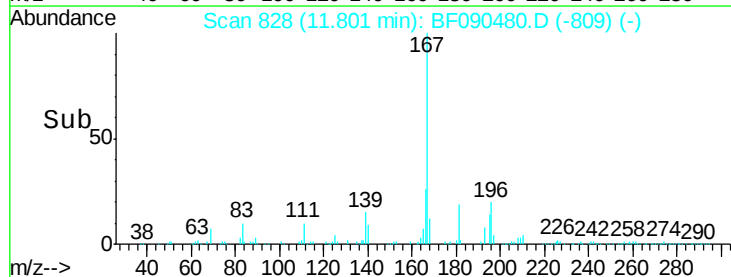
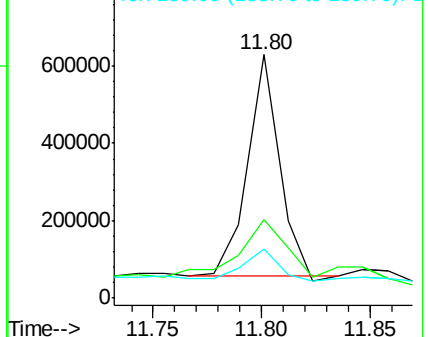
139 20.0 12.1 18.1#

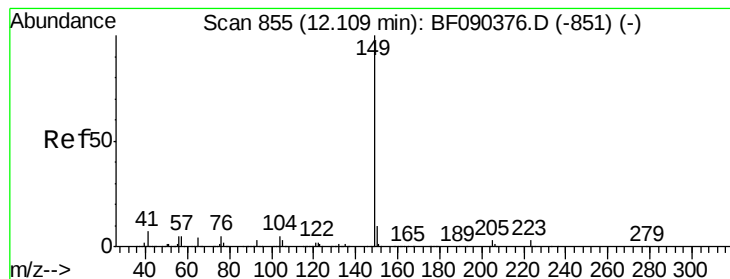


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 12.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

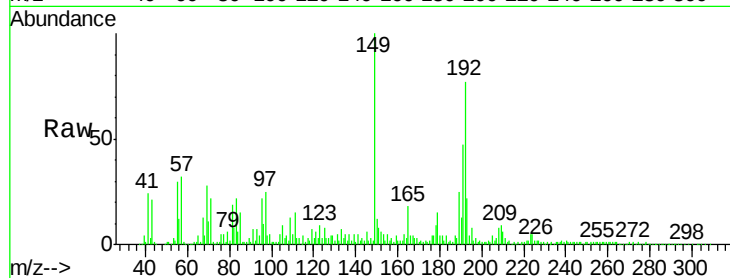
Tgt Ion:149 Resp: 798212

Ion Ratio Lower Upper

149 100

150 11.8 8.6 12.8

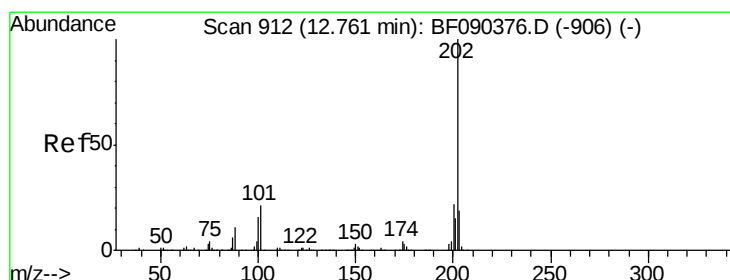
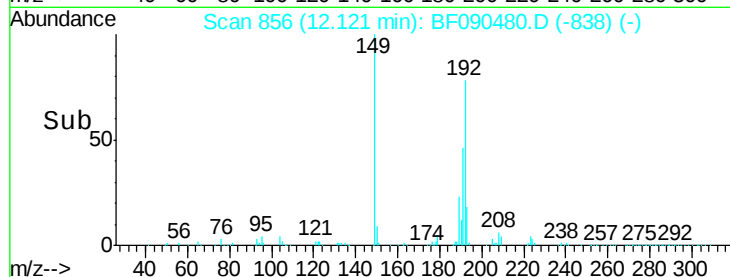
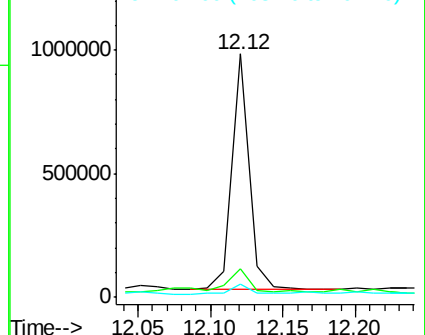
104 5.5 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 95.00 ng

RT: 12.80 min Scan# 915

Delta R.T. 0.03 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

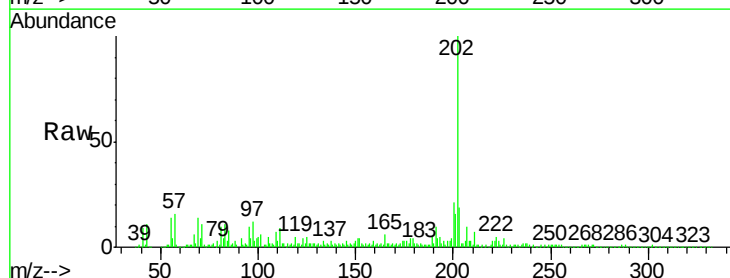
Tgt Ion:202 Resp: 1747834

Ion Ratio Lower Upper

202 100

101 6.4 0.0 37.2

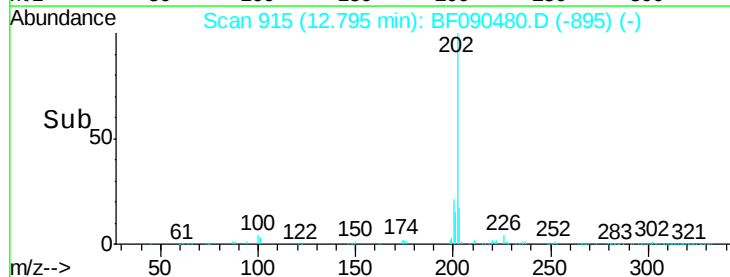
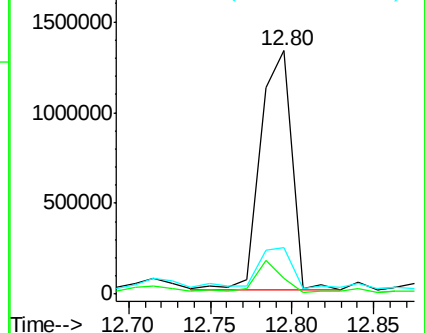
203 19.2 0.0 39.3

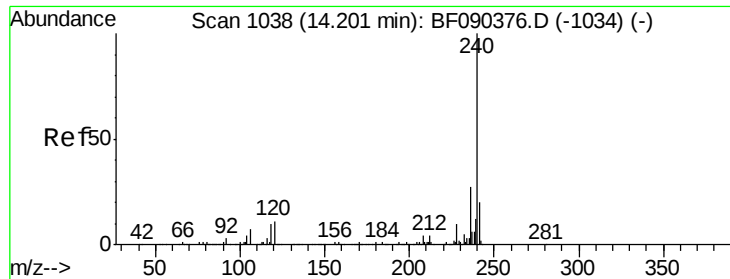


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

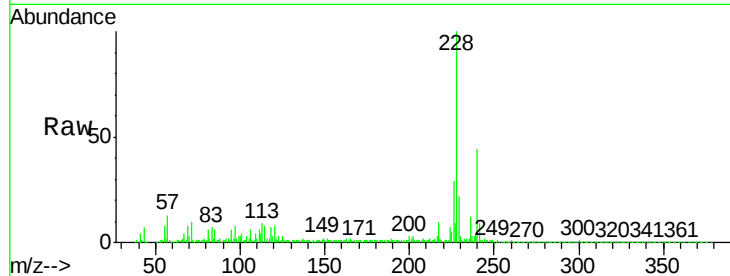




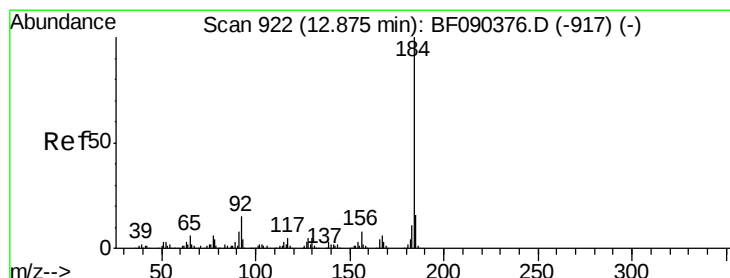
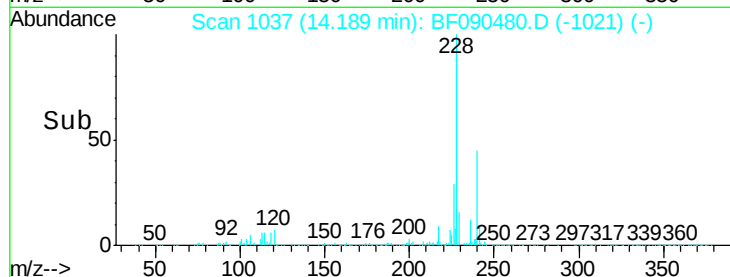
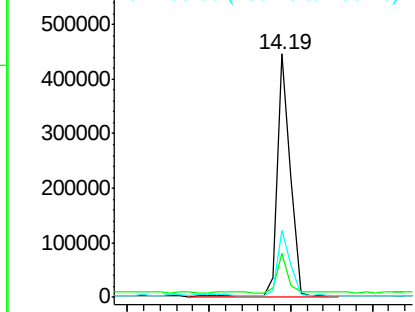
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion:240 Resp: 486753
Ion Ratio Lower Upper
240 100
120 17.9 8.6 13.0#
236 27.4 21.6 32.4

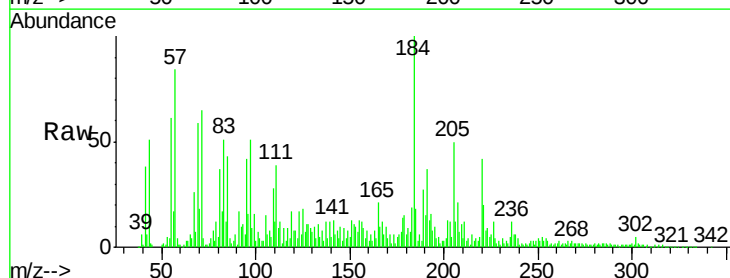


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

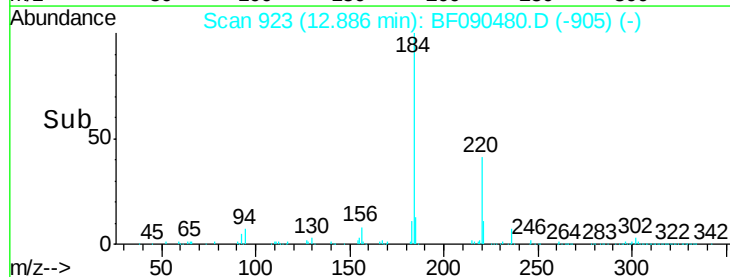
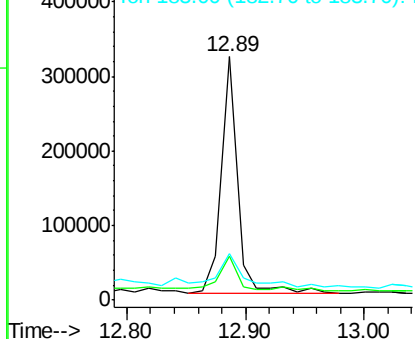


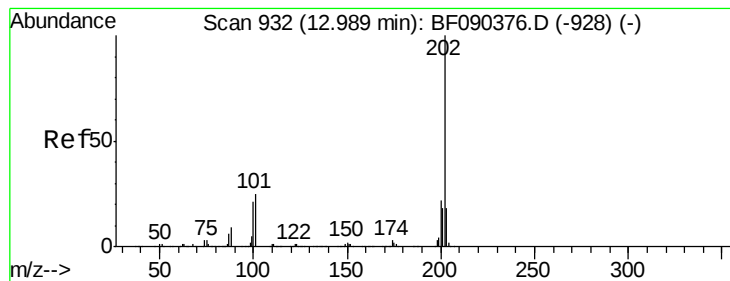
#76
Benzidine
Concen: 23.28 ng
RT: 12.89 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF090480.D
Acq: 8 Oct 2016 11:02

Tgt Ion:184 Resp: 297952
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 19.1 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 67.02 ng

RT: 13.01 min Scan# 934

Delta R.T. 0.02 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

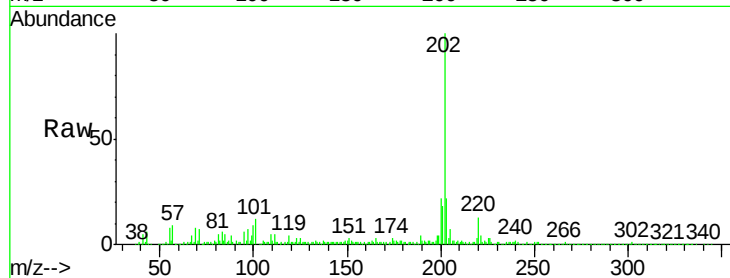
Tgt Ion:202 Resp: 2175118

Ion Ratio Lower Upper

202 100

200 21.9 18.5 27.7

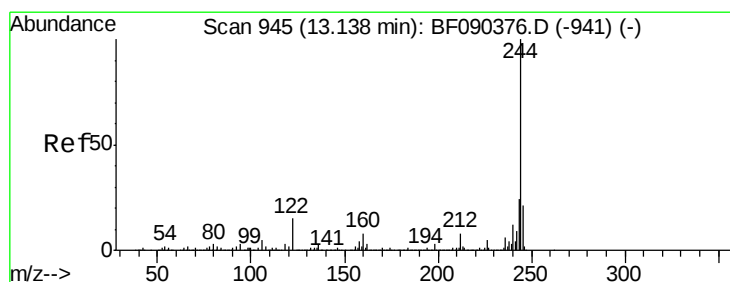
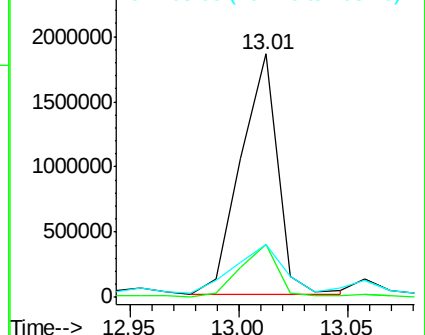
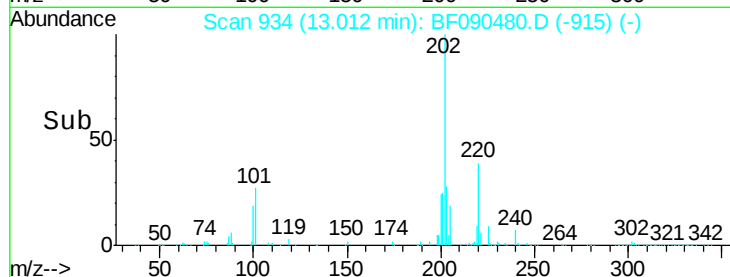
203 21.5 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.87 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

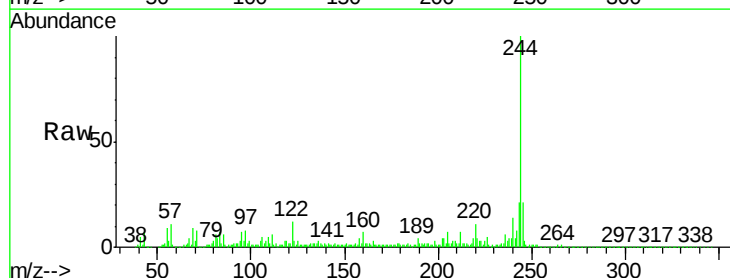
Tgt Ion:244 Resp: 1253024

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

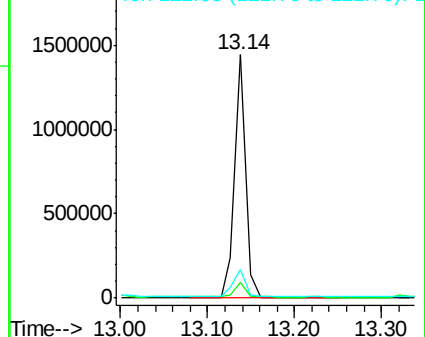
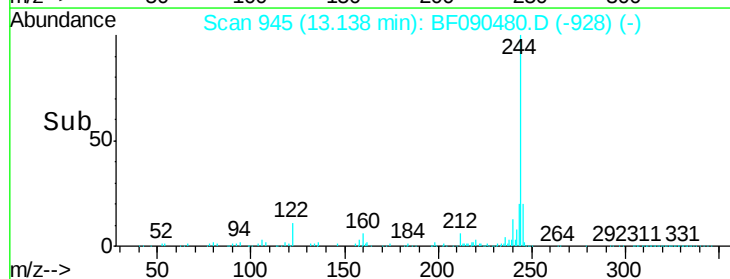
122 11.6 13.3 19.9#

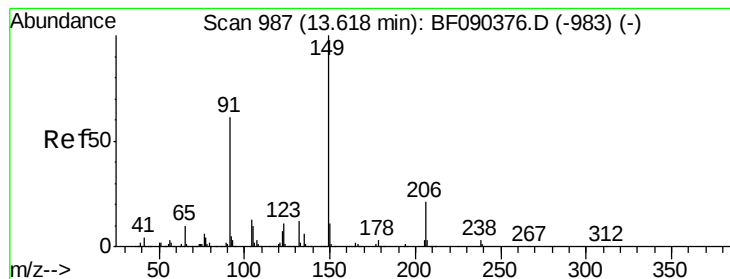


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.52 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

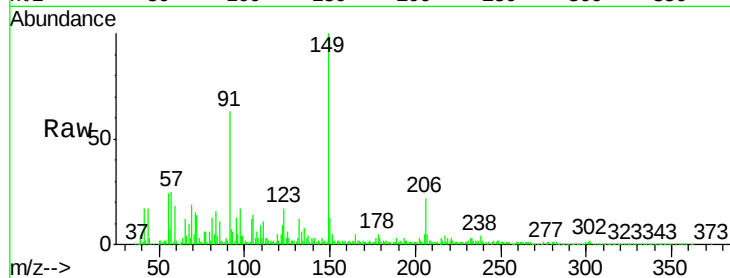
Tgt Ion:149 Resp: 508248

Ion Ratio Lower Upper

149 100

91 63.1 51.8 77.8

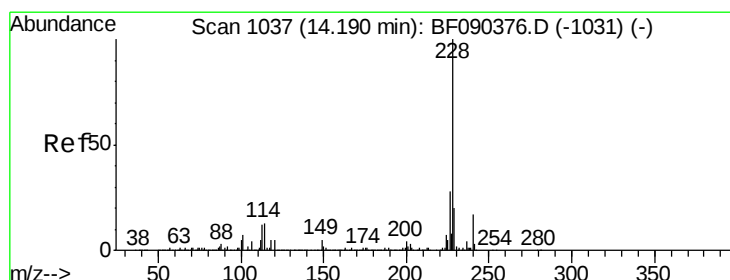
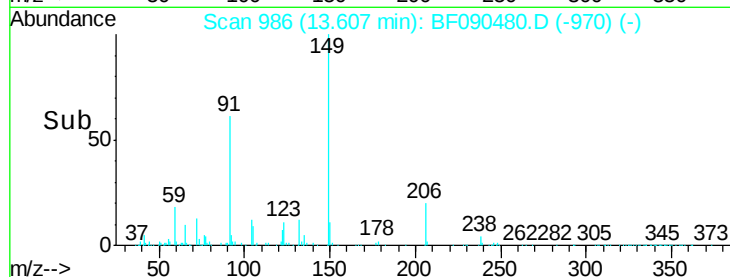
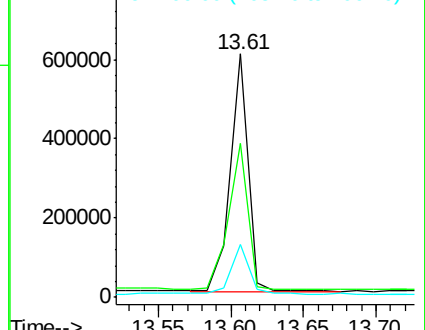
206 21.6 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 59.30 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

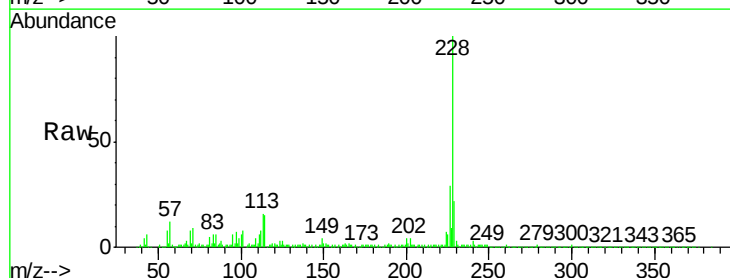
Tgt Ion:228 Resp: 1619432

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

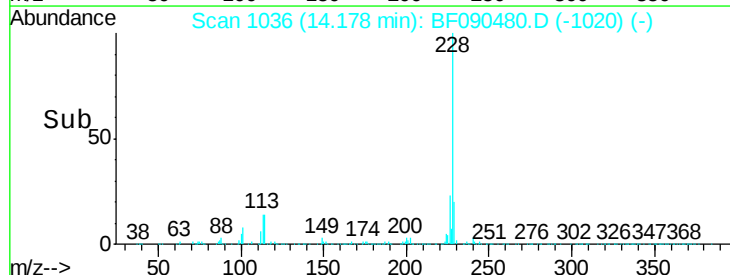
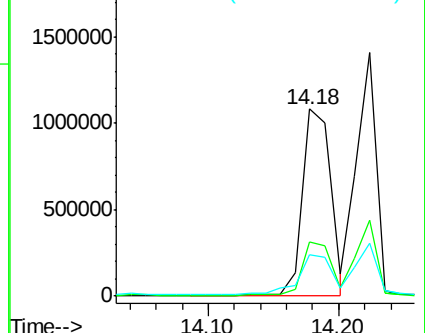
229 22.2 16.6 25.0

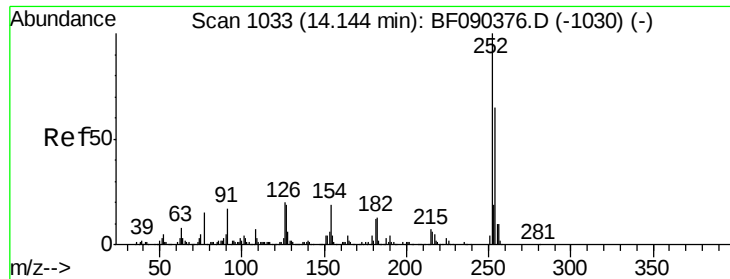


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

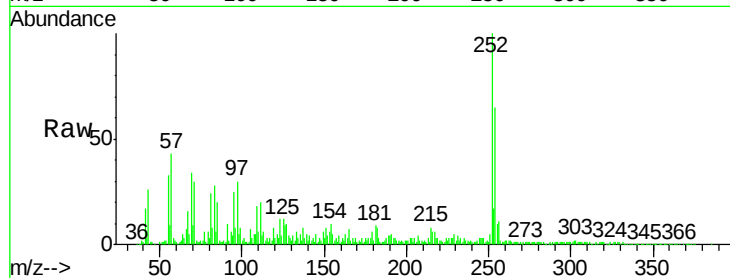




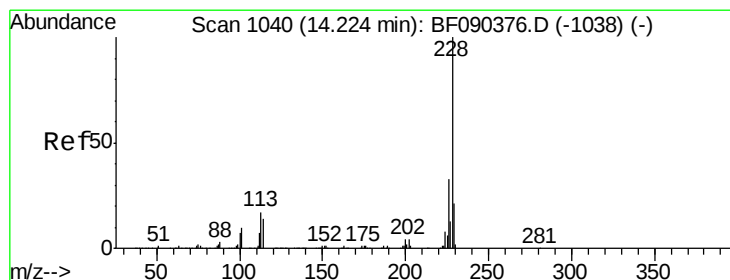
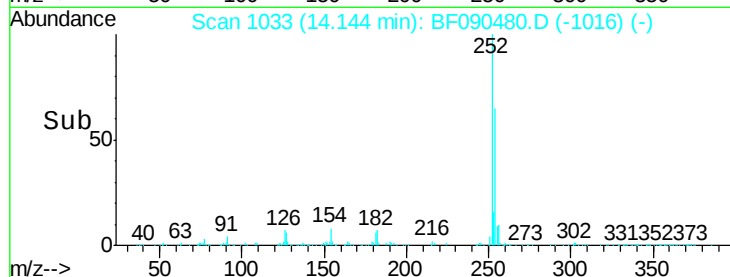
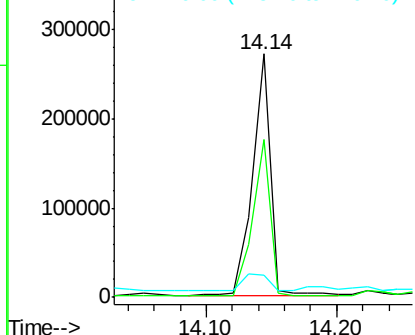
#81
 3,3'-Dichlorobenzidine
 Concen: 26.02 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion:252 Resp: 257646
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.1 78.1
 126 9.3 4.2 6.4#

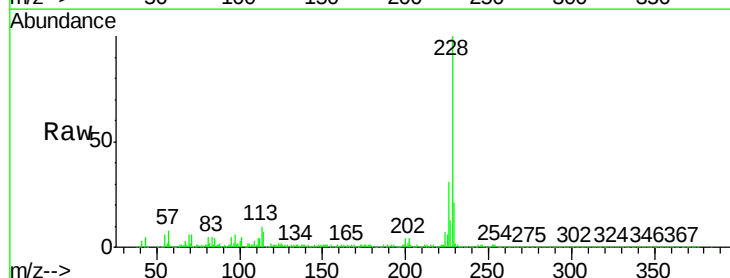


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

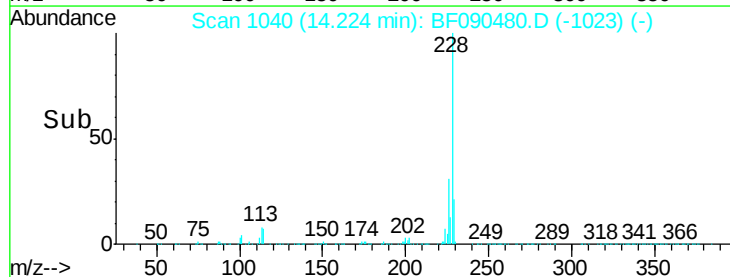
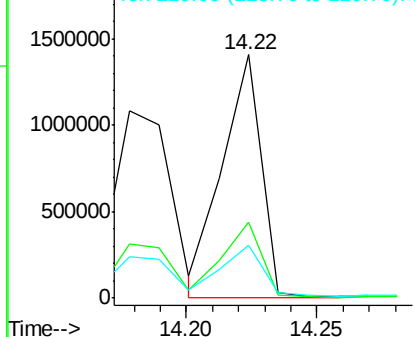


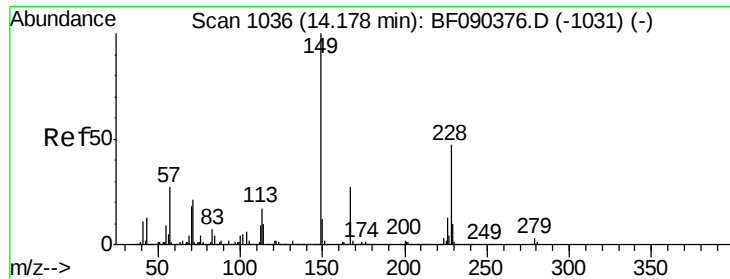
#82
 Chrysene
 Concen: 58.15 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion:228 Resp: 1461479
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.8 38.6
 229 21.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.18 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

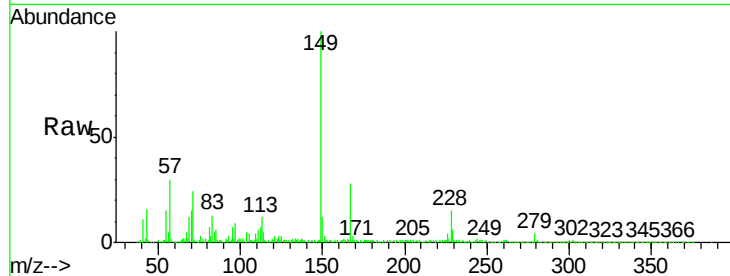
Tgt Ion:149 Resp: 832879

Ion Ratio Lower Upper

149 100

167 28.2 21.5 32.3

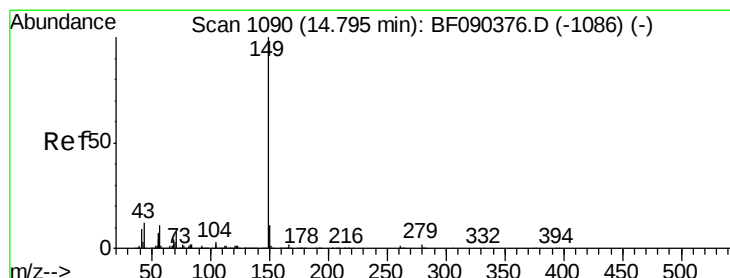
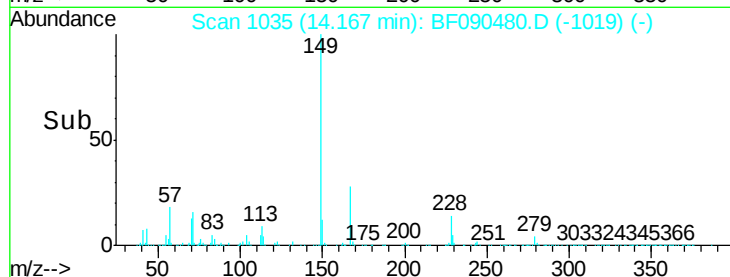
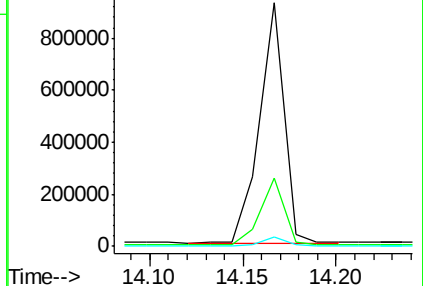
279 4.1 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.80 ng

RT: 14.78 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

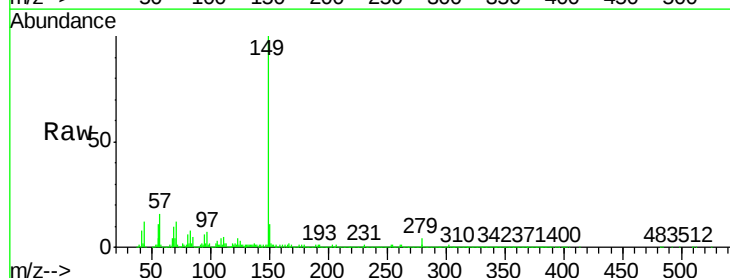
Tgt Ion:149 Resp: 1221315

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

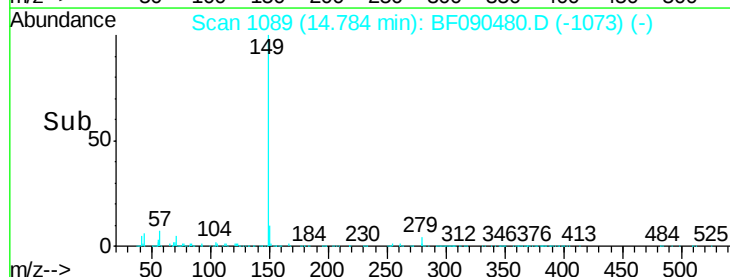
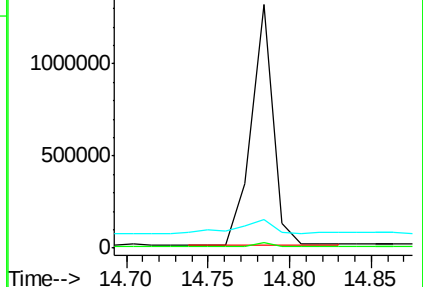
43 10.2 11.8 17.8#

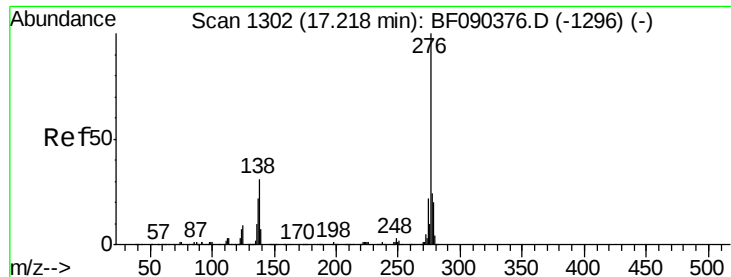


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

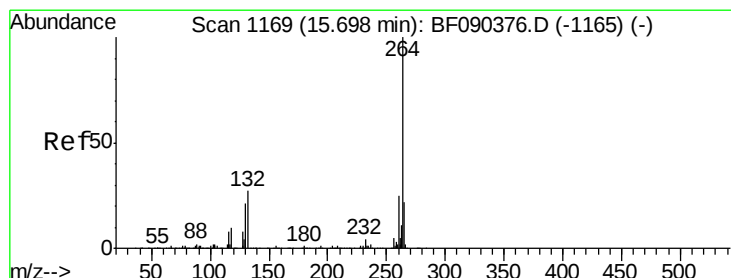
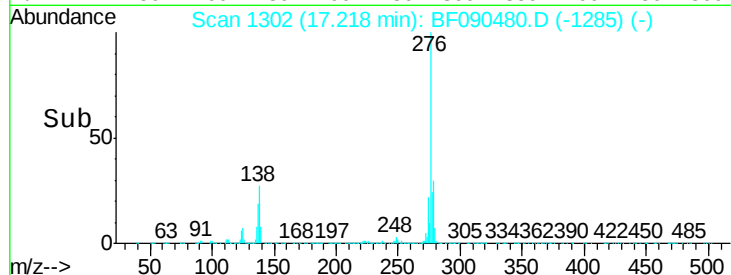
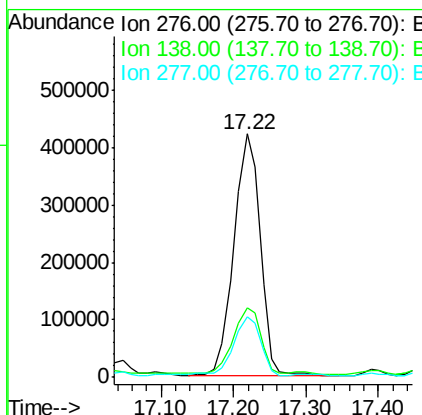
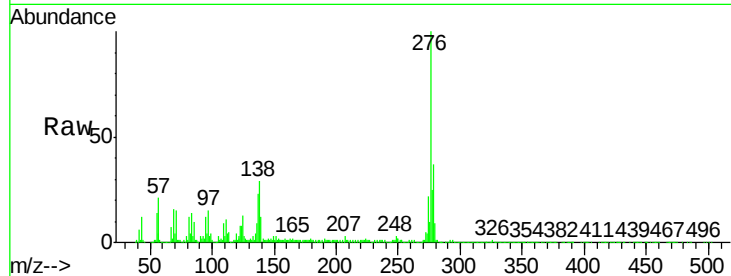




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.56 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

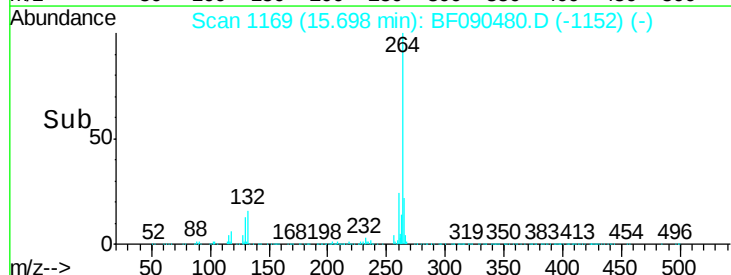
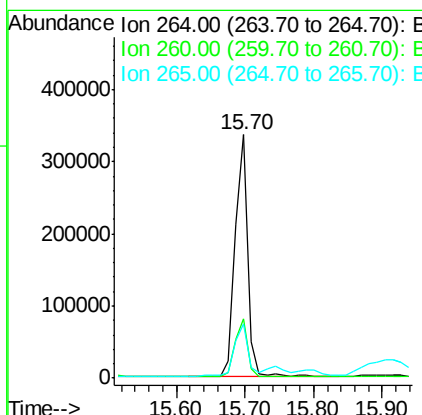
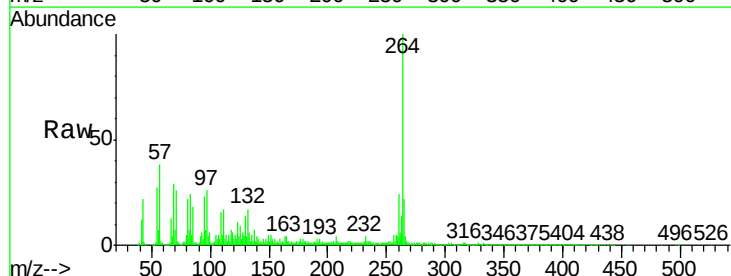
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

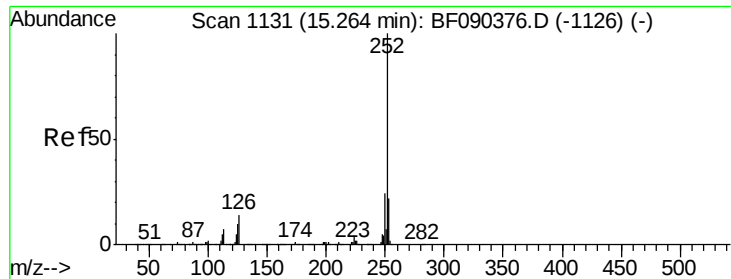
Tgt Ion:276 Resp: 1067361
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.8 35.8
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Tgt Ion:264 Resp: 440185
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 106.12 ng

RT: 15.29 min Scan# 1133

Delta R.T. 0.02 min

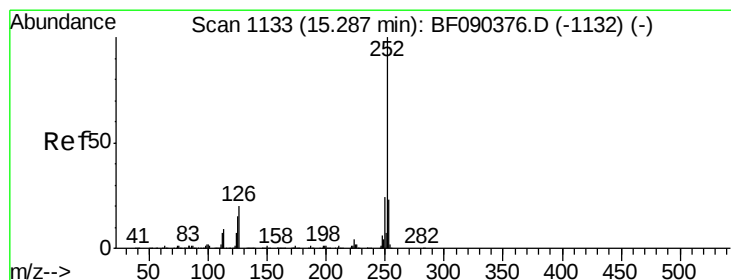
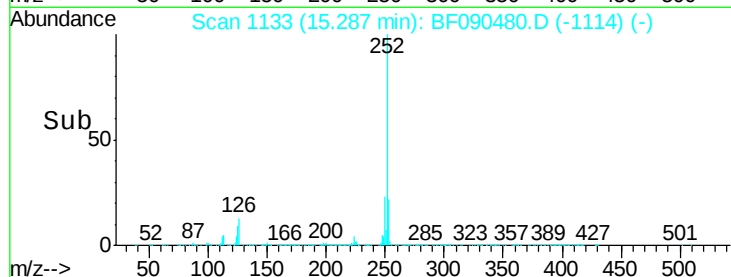
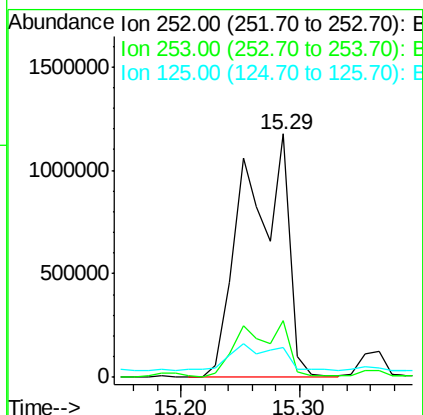
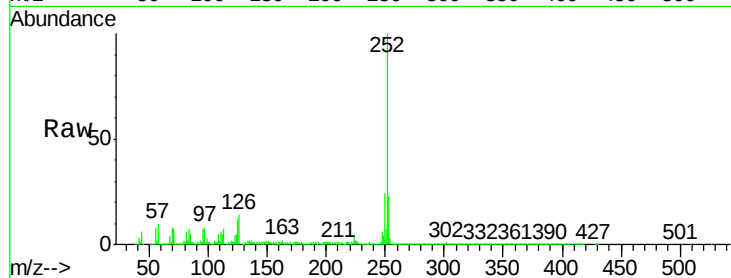
Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Tgt Ion:252 Resp: 2975381

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.0	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 112.97 ng

RT: 15.29 min Scan# 1133

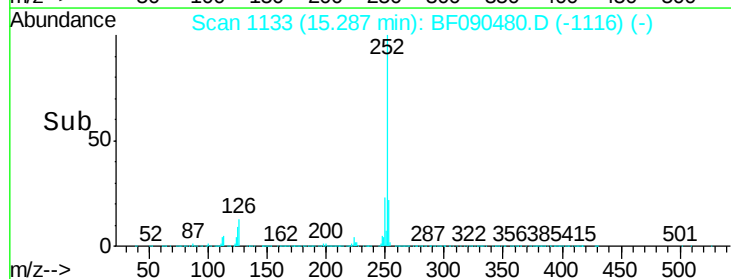
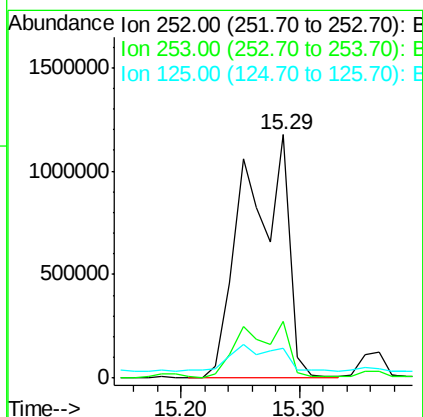
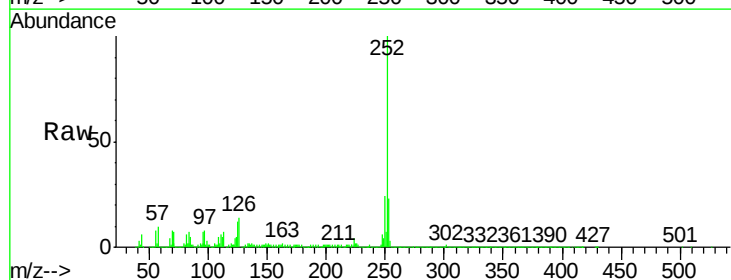
Delta R.T. -0.00 min

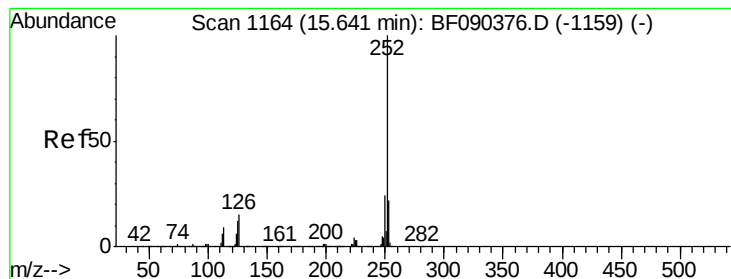
Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Tgt Ion:252 Resp: 2975381

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.0	11.7	17.5





#89

Benzo(a)pyrene

Concen: 62.79 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

Instrument :

BNA_F

ClientSampleId :

MJSB-16(6.5-8.5)MSD

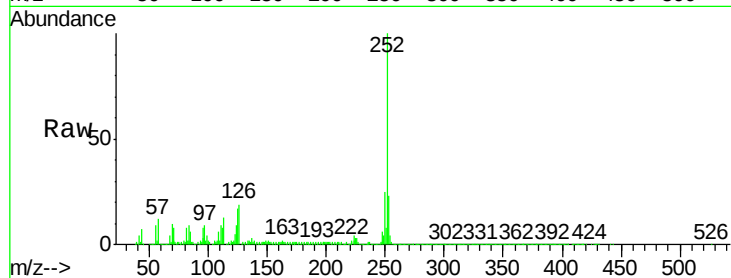
Tgt Ion:252 Resp: 1517445

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

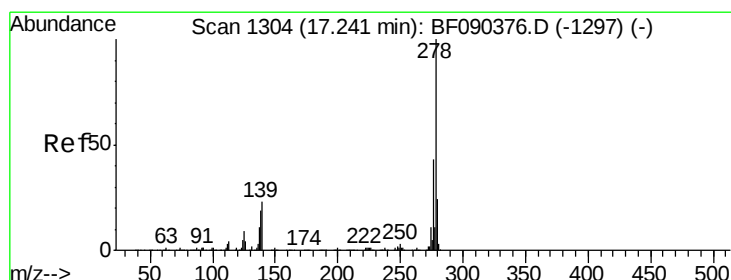
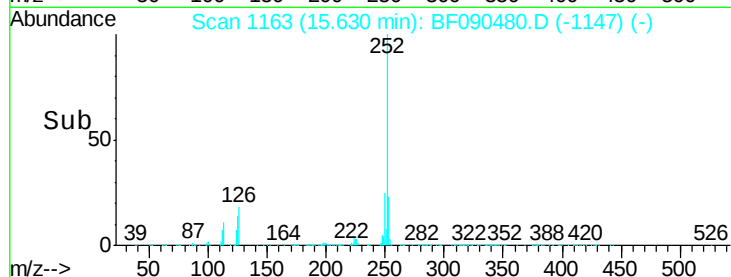
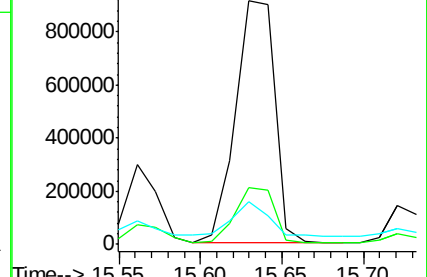
125 17.4 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.12 ng

RT: 17.23 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF090480.D

Acq: 8 Oct 2016 11:02

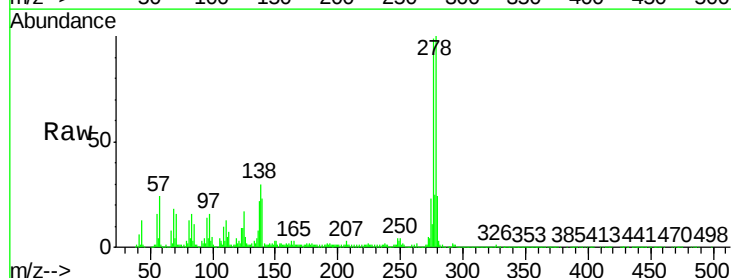
Tgt Ion:278 Resp: 701572

Ion Ratio Lower Upper

278 100

139 22.8 12.8 19.2#

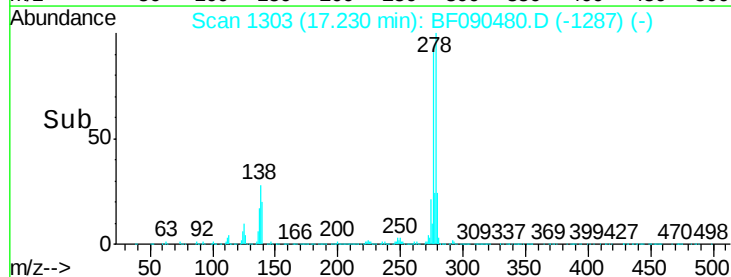
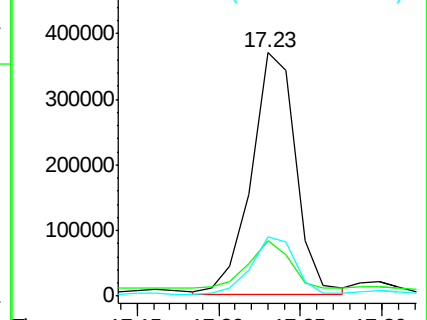
279 24.5 19.6 29.4

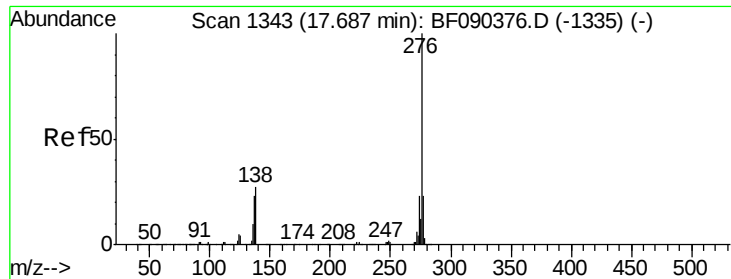


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 42.07 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090480.D
 Acq: 8 Oct 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-16(6.5-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	28.7	20.8	31.2

