

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010218.D
 Acq On : 25 May 2017 15:44
 Operator : SJ/MA
 Sample : I3317-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

Quant Time: May 26 05:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119615	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	414974	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	262175	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	597133	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	913128	20.00	ng	-0.02
86) Perylene-d12	23.84	264	999094	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468948	70.80	ng	-0.03
7) Phenol-d6	7.13	99	346938	40.71	ng	-0.04
23) Nitrobenzene-d5	9.13	82	937641	121.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	630279	158.29	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2380388	116.72	ng	-0.04
78) Terphenyl-d14	19.93	244	3472917	86.48	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	58888	19.35	ng	# 100
3) Pyridine	3.85	79	108608	13.33	ng	# 87
4) n-Nitrosodimethylamine	3.76	42	82397	27.96	ng	# 78
6) Aniline	7.30	93	286125	27.09	ng	92
8) 2-Chlorophenol	7.52	128	282937	39.26	ng	93
9) Benzaldehyde	7.10	77	94217	17.76	ng	84
10) Phenol	7.16	94	124719	13.89	ng	96
11) bis(2-Chloroethyl)ether	7.38	93	311274	46.49	ng	97
12) 1,3-Dichlorobenzene	7.83	146	410765	44.85	ng	# 92
13) 1,4-Dichlorobenzene	7.98	146	417363	44.36	ng	96
14) 1,2-Dichlorobenzene	8.30	146	407947	45.18	ng	95
15) Benzyl Alcohol	8.21	79	199130	30.88	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.47	45	258394	39.25	ng	74
17) 2-Methylphenol	8.40	107	193241	30.24	ng	# 81
18) Hexachloroethane	9.02	117	142180	46.62	ng	# 72
19) n-Nitroso-di-n-propylamine	8.75	70	302607	50.30	ng	95
20) 3+4-Methylphenols	8.73	107	230123	26.66	ng	87
22) Acetophenone	8.79	105	554200	52.10	ng	# 96
24) Nitrobenzene	9.17	77	471762	59.54	ng	92
25) Isophorone	9.68	82	730305	54.95	ng	93
26) 2-Nitrophenol	9.87	139	173915	52.07	ng	# 58
27) 2,4-Dimethylphenol	9.93	122	259897	43.09	ng	# 80
28) bis(2-Chloroethoxy)methane	10.16	93	412001	48.85	ng	100
29) 2,4-Dichlorophenol	10.40	162	352996	50.84	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	460971	51.31	ng	98
31) Naphthalene	10.80	128	1029757	46.39	ng	99
32) Benzoic acid	10.03	122	53567	13.03	ng	# 87
33) 4-Chloroaniline	10.95	127	305836	35.76	ng	# 84
34) Hexachlorobutadiene	11.05	225	319075	53.24	ng	98
35) Caprolactam	11.77	113	9732	4.88	ng	# 64
36) 4-Chloro-3-methylphenol	12.05	107	309516	41.16	ng	86
37) 2-Methylnaphthalene	12.40	142	805087	50.37	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	540175	53.58	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	731561	125.67	ng	97

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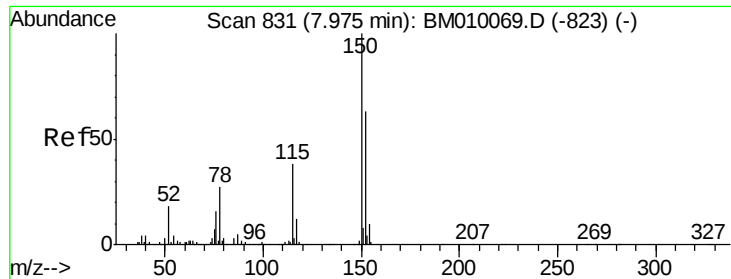
Instrument :
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Quant Time: May 26 05:13:39 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.02	196	329234	55.44	ng	99
43) 2,4,5-Trichlorophenol	13.09	196	337951	51.50	ng	# 91
45) 1,1'-Biphenyl	13.41	154	1105528	51.28	ng	99
46) 2-Chloronaphthalene	13.46	162	874496	50.10	ng	98
47) 2-Nitroaniline	13.70	65	235220	52.40	ng	# 79
48) Acenaphthylene	14.31	152	1311968	50.83	ng	100
49) Dimethylphthalate	14.04	163	1199549	51.29	ng	# 98
50) 2,6-Dinitrotoluene	14.18	165	225658	50.82	ng	# 84
51) Acenaphthene	14.64	154	801313	49.94	ng	98
52) 3-Nitroaniline	14.53	138	159746	38.70	ng	# 72
53) 2,4-Dinitrophenol	14.72	184	287953	96.20	ng	# 87
54) Dibenzofuran	14.98	168	1365062	54.10	ng	96
55) 4-Nitrophenol	14.83	139	97093	29.23	ng	# 25
56) 2,4-Dinitrotoluene	14.96	165	306722	48.82	ng	89
57) Fluorene	15.63	166	1110252	50.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	317748	56.85	ng	# 100
59) Diethylphthalate	15.39	149	1004006	45.41	ng	97
60) 4-Chlorophenyl-phenylether	15.62	204	620479	50.37	ng	99
61) 4-Nitroaniline	15.69	138	169831	40.53	ng	# 22
62) Azobenzene	15.91	77	1036258	63.74	ng	88
64) 4,6-Dinitro-2-methylphenol	15.71	198	191616	52.53	ng	79
65) n-Nitrosodiphenylamine	15.84	169	926758	51.78	ng	100
66) 4-Bromophenyl-phenylether	16.51	248	408169	53.40	ng	96
67) Hexachlorobenzene	16.60	284	445084	47.92	ng	94
68) Atrazine	16.78	200	357009	52.61	ng	98
69) Pentachlorophenol	16.97	266	534439	104.77	ng	99
70) Phenanthrene	17.37	178	1673939	50.10	ng	99
71) Anthracene	17.46	178	1754582	52.92	ng	99
72) Carbazole	17.74	167	1487965	50.69	ng	99
73) Di-n-butylphthalate	18.26	149	1647277	47.33	ng	# 97
74) Fluoranthene	19.37	202	2171607	50.06	ng	97
76) Benzidine	19.58	184	281446	16.71	ng	98
77) Pyrene	19.74	202	2267442	46.32	ng	99
79) Butylbenzylphthalate	20.61	149	821849	45.35	ng	# 84
80) Benzo(a)anthracene	21.47	228	2526704	50.21	ng	99
81) 3,3'-Dichlorobenzidine	21.42	252	806650	39.85	ng	# 97
82) Chrysene	21.52	228	2298663	48.16	ng	99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1211375	44.70	ng	# 98
84) Di-n-octyl phthalate	22.26	149	2219033	45.73	ng	# 98
85) Indeno(1,2,3-cd)pyrene	26.26	276	3882928	55.48	ng	# 100
87) Benzo(b)fluoranthene	23.12	252	2929983	50.11	ng	# 92
88) Benzo(k)fluoranthene	23.17	252	2937590	51.28	ng	# 95
89) Benzo(a)pyrene	23.74	252	2917946	52.37	ng	# 96
90) Dibenzo(a,h)anthracene	26.27	278	3260641	52.33	ng	# 92
91) Benzo(g,h,i)perylene	27.01	276	3140807	51.45	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

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ClientSampleId :

RAV-GT-104MS

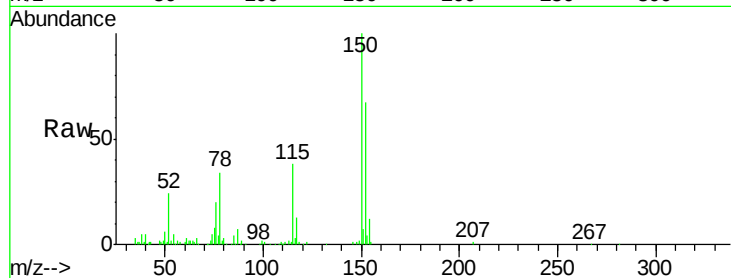
Tgt Ion:152 Resp: 119615

Ion Ratio Lower Upper

152 100

150 148.6 119.5 179.3

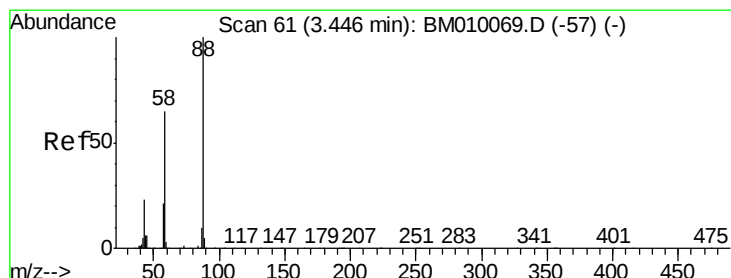
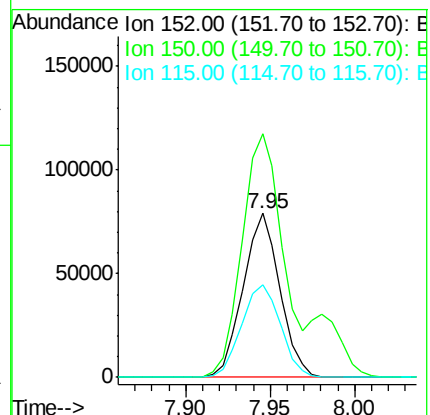
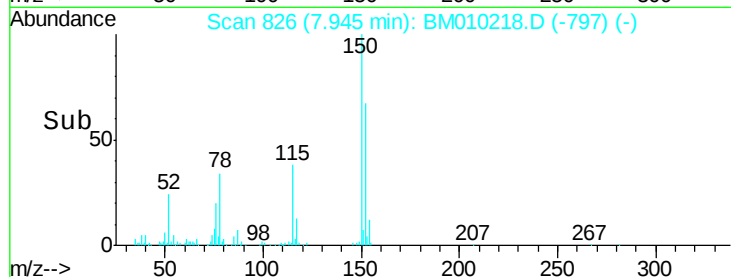
115 56.3 43.0 64.4



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: 19.35 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

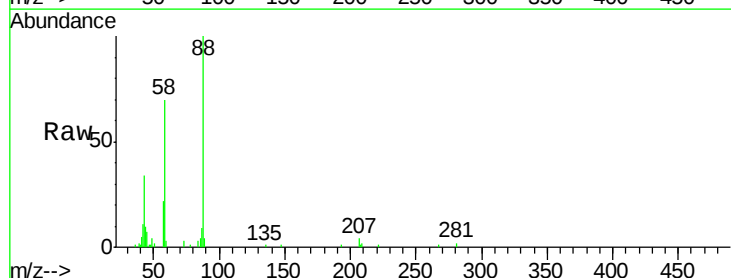
Tgt Ion: 88 Resp: 58888

Ion Ratio Lower Upper

88 100

58 63.1 0.0 0.0#

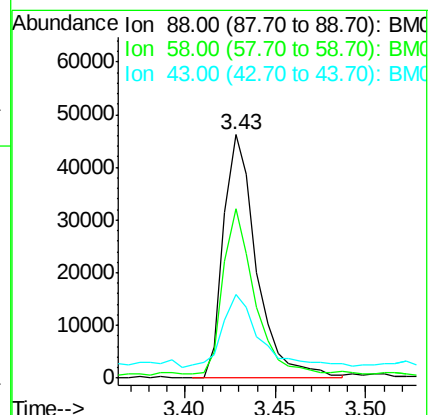
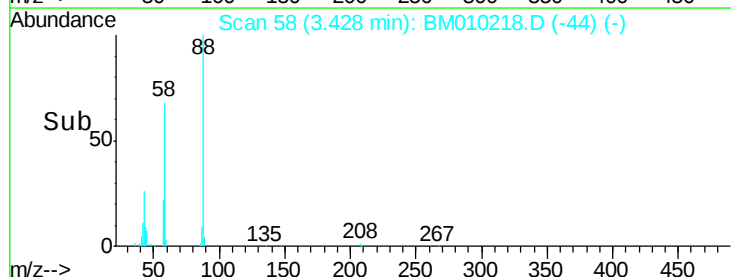
43 34.2 0.0 0.0#

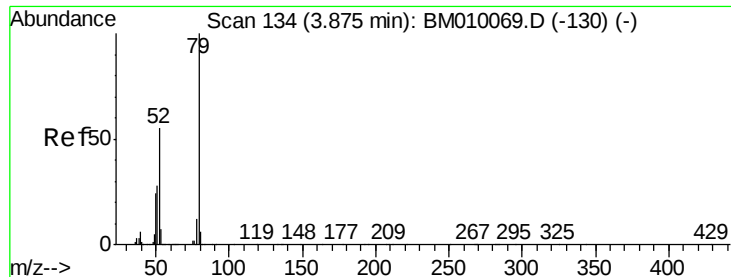


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 13.33 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

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ClientSampleId :

RAV-GT-104MS

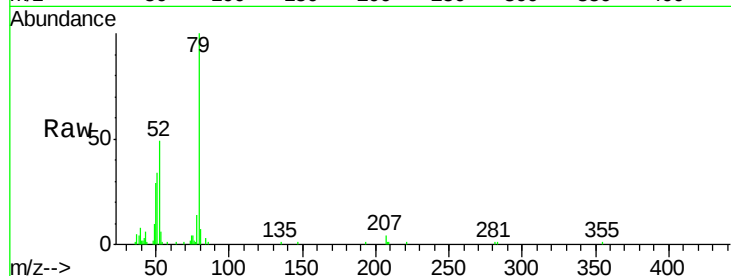
Tgt Ion: 79 Resp: 108608

Ion Ratio Lower Upper

79 100

52 48.9 51.1 76.7#

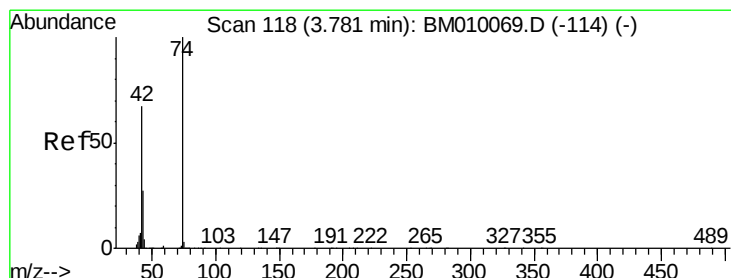
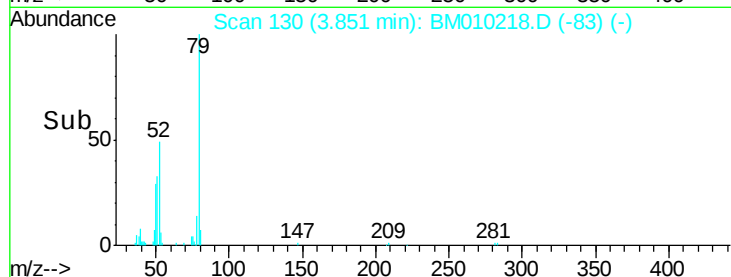
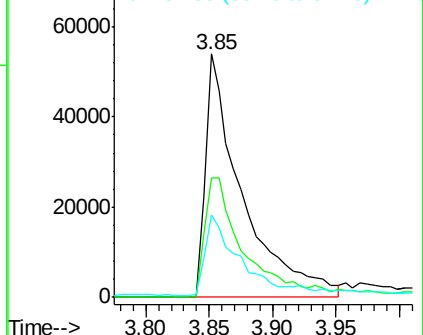
51 33.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 27.96 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

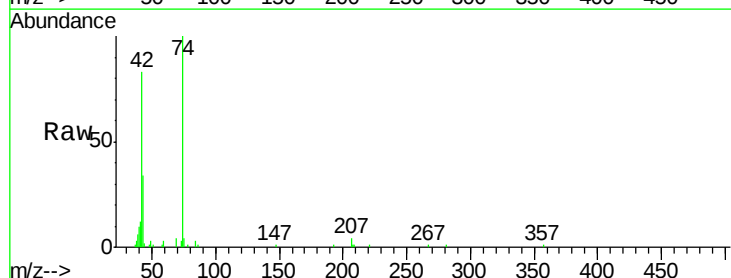
Tgt Ion: 42 Resp: 82397

Ion Ratio Lower Upper

42 100

74 120.9 119.3 178.9

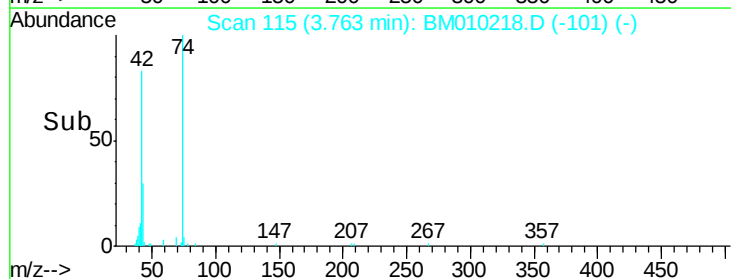
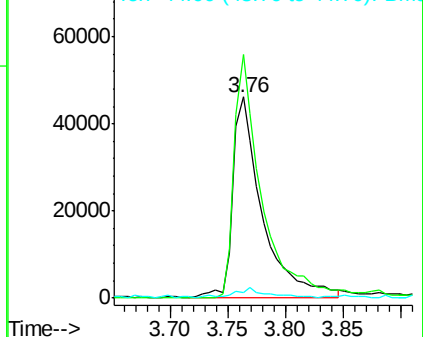
44 2.8 5.4 8.2#

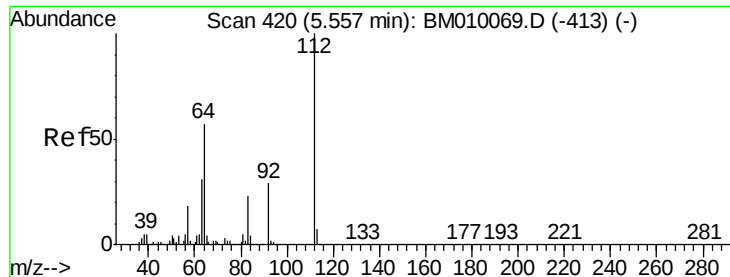


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 70.80 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

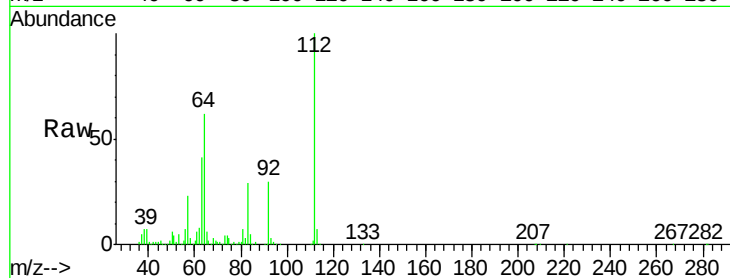
Tgt Ion: 112 Resp: 468948

Ion Ratio Lower Upper

112 100

64 61.8 38.6 57.8#

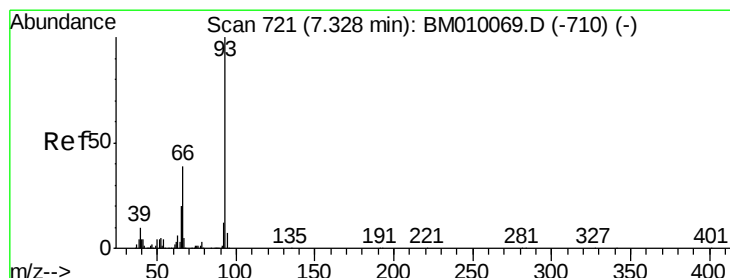
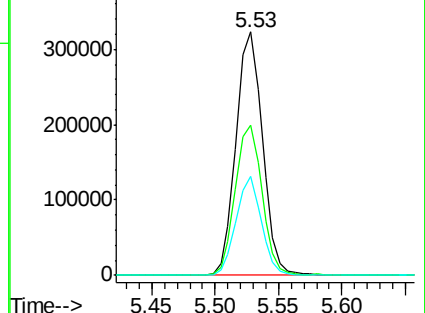
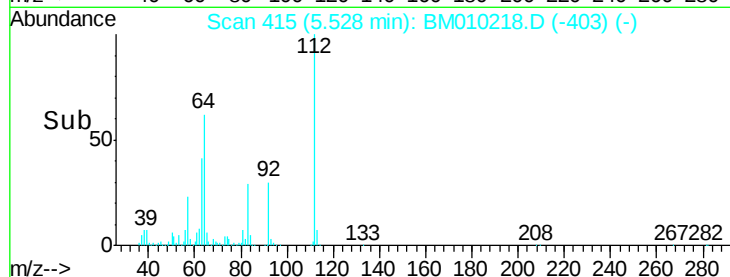
63 40.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 27.09 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

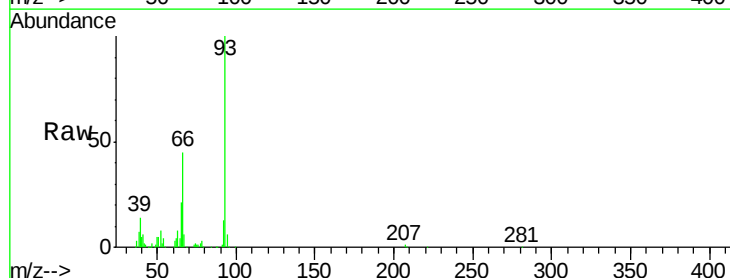
Tgt Ion: 93 Resp: 286125

Ion Ratio Lower Upper

93 100

66 45.1 30.8 46.2

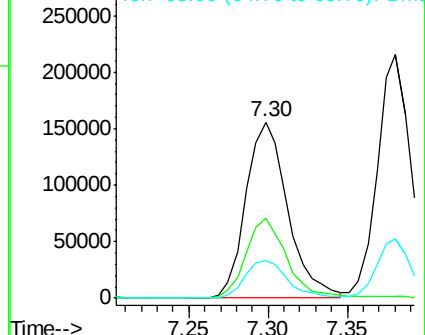
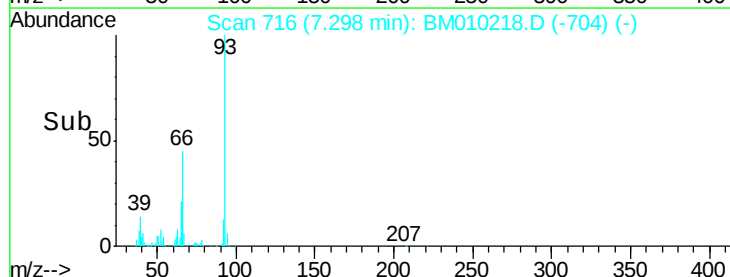
65 21.2 16.0 24.0

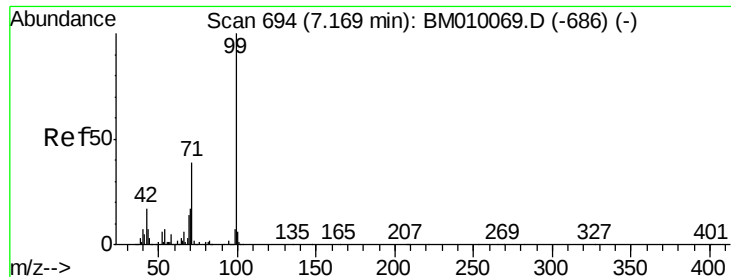


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 40.71 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

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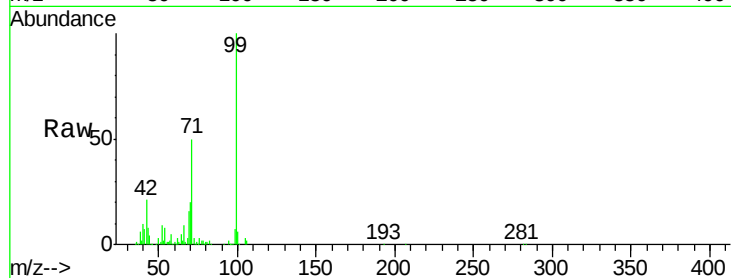
Tgt Ion: 99 Resp: 346938

Ion Ratio Lower Upper

99 100

42 20.7 11.0 16.4#

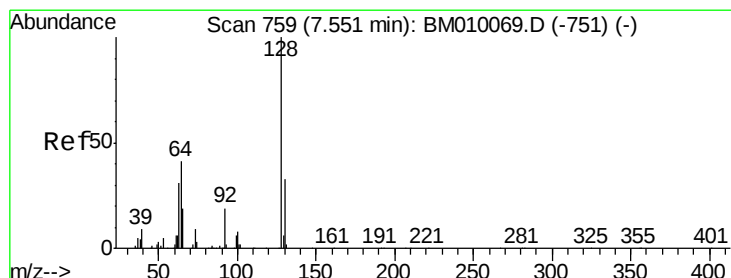
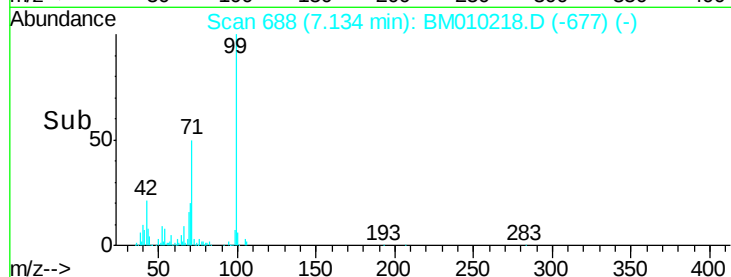
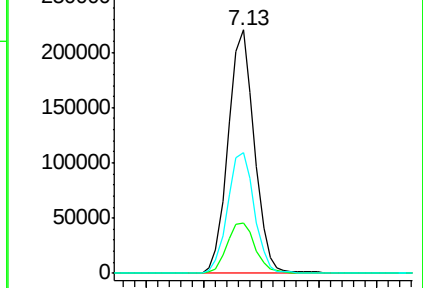
71 49.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010218.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010218.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010218.D (-677) (-)



#8

2-Chlorophenol

Concen: 39.26 ng

RT: 7.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

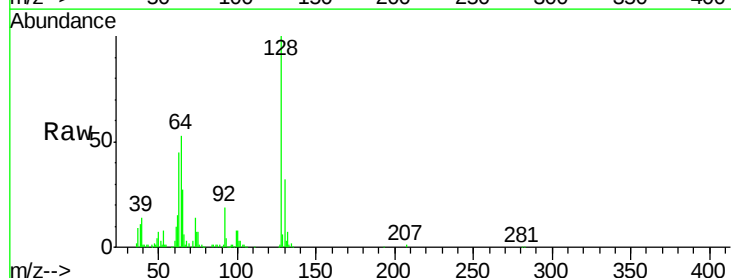
Tgt Ion: 128 Resp: 282937

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

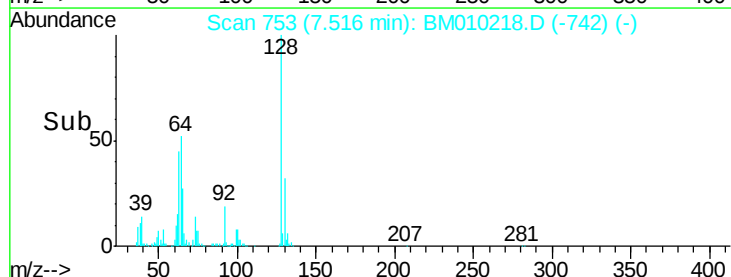
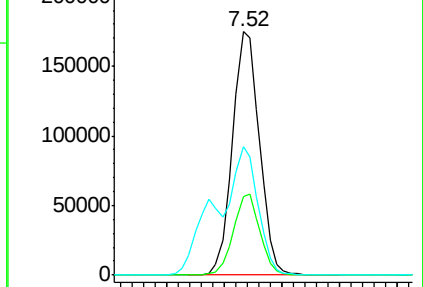
64 52.8 24.9 64.9

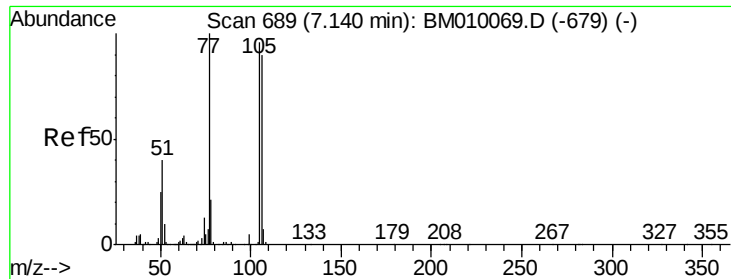


Abundance Ion 128.00 (127.70 to 128.70): BM010218.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM010218.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM010218.D (-742) (-)





#9

Benzaldehyde

Concen: 17.76 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

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ClientSampleId :

RAV-GT-104MS

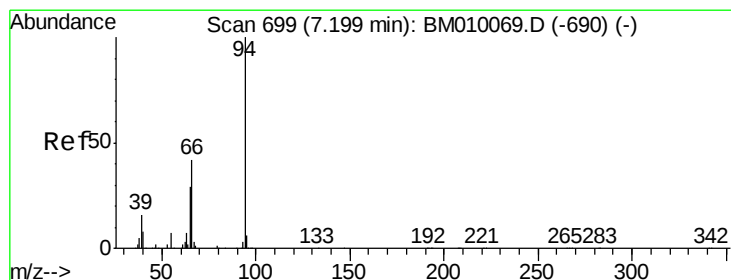
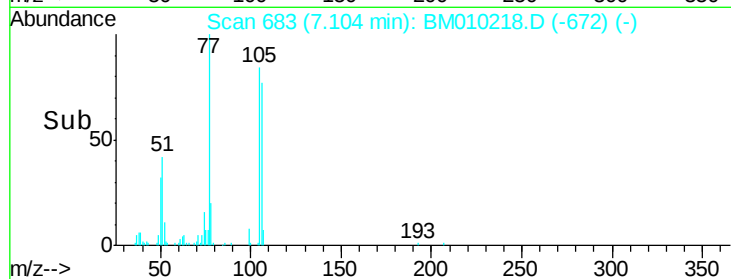
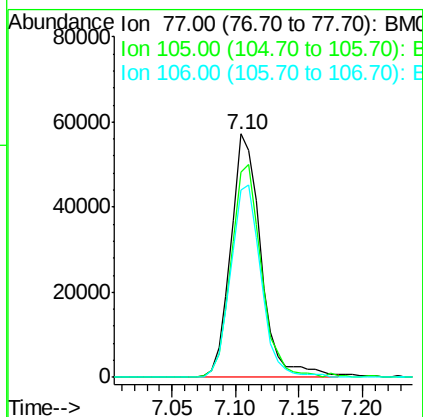
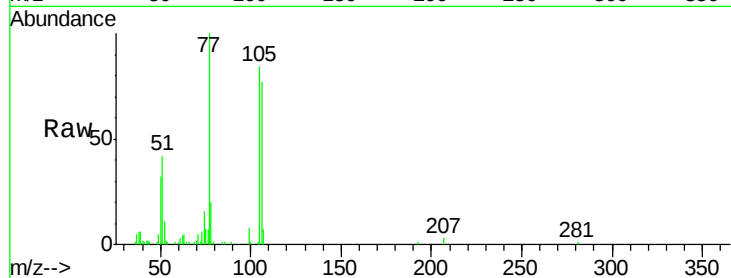
Tgt Ion: 77 Resp: 94217

Ion Ratio Lower Upper

77 100

105 84.2 78.8 118.8

106 76.9 73.7 113.7



#10

Phenol

Concen: 13.89 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

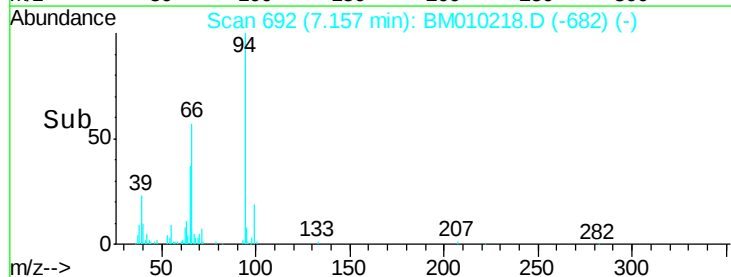
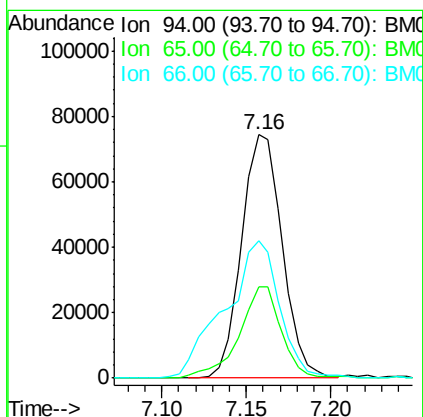
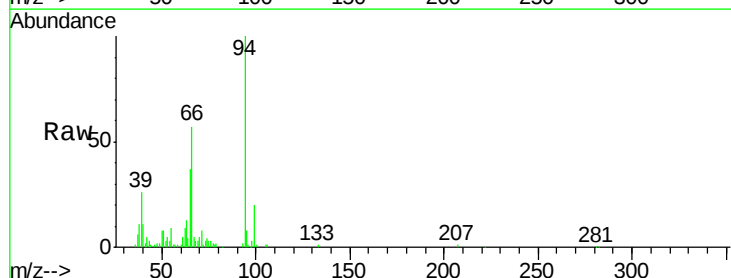
Tgt Ion: 94 Resp: 124719

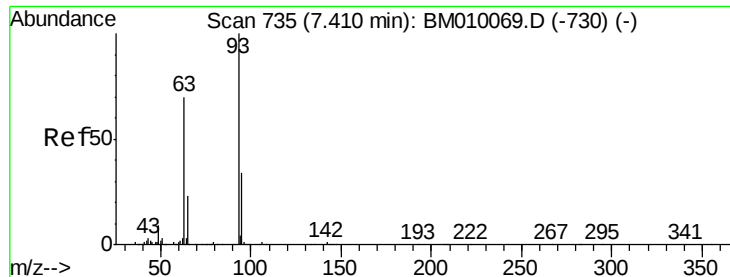
Ion Ratio Lower Upper

94 100

65 37.3 18.8 58.8

66 56.5 39.9 79.9

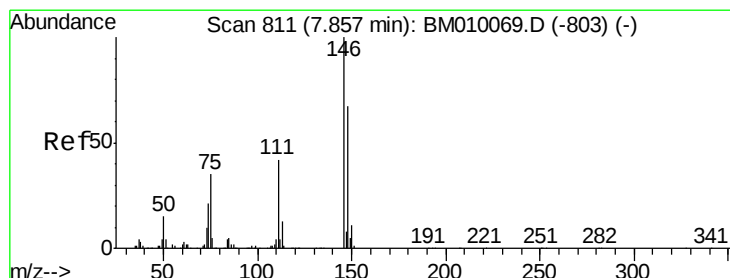
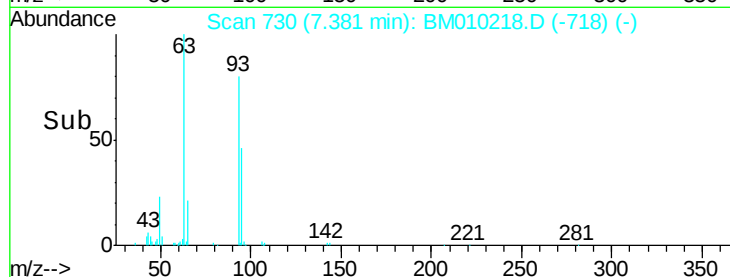
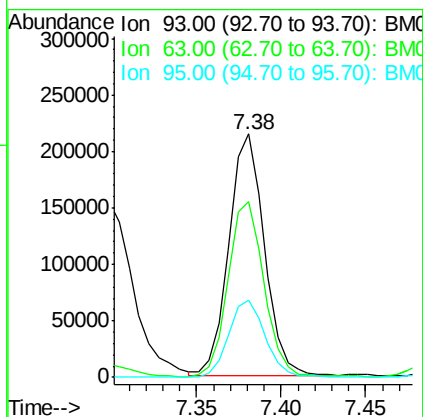
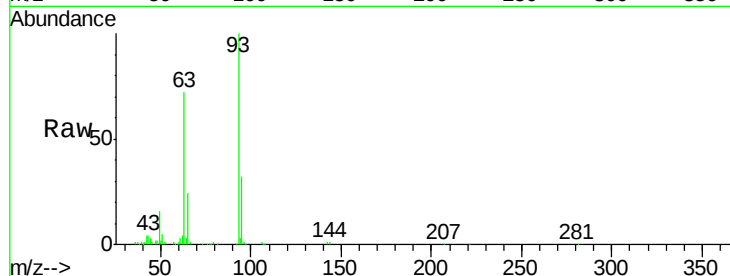




#11
bis(2-Chloroethyl)ether
Concen: 46.49 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

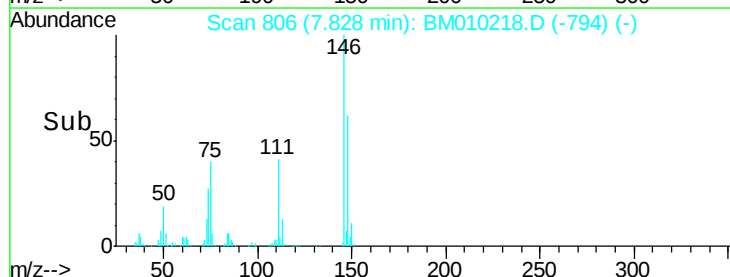
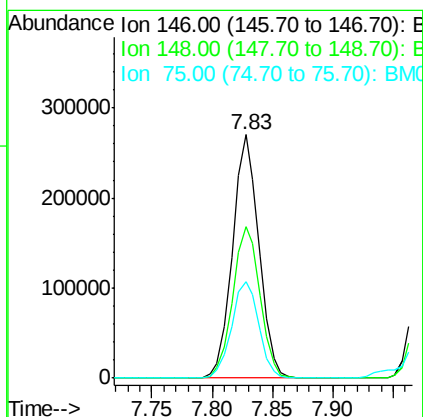
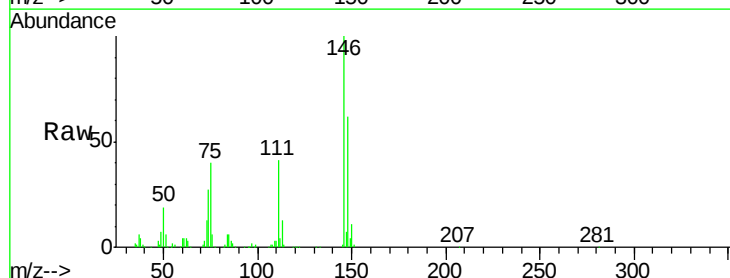
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

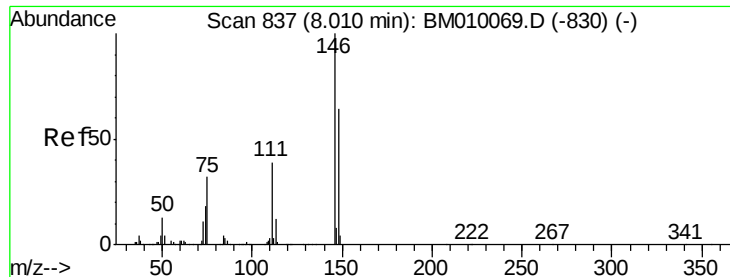
Tgt Ion:	93	Resp:	311274
Ion	Ratio	Lower	Upper
93	100		
63	72.3	49.5	89.5
95	31.9	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 44.85 ng
RT: 7.83 min Scan# 806
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:	146	Resp:	410765
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
75	39.7	21.4	32.2

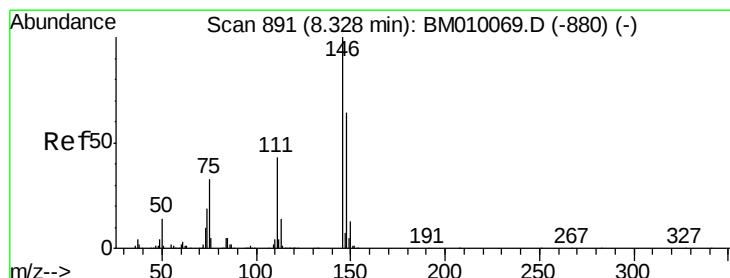
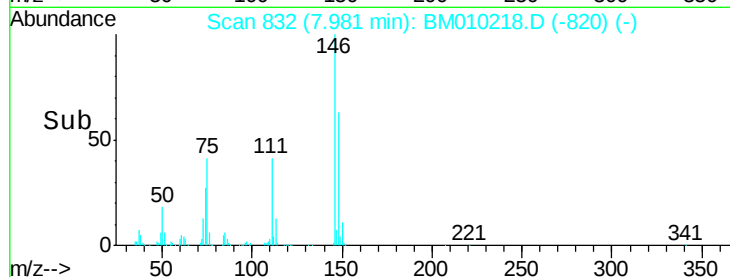
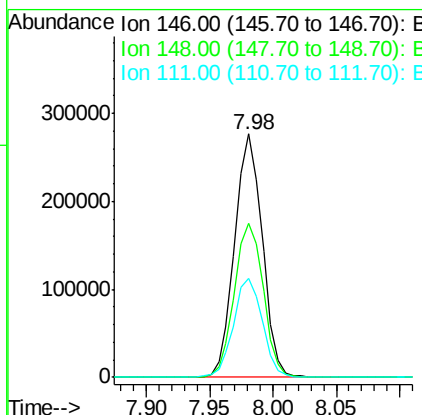
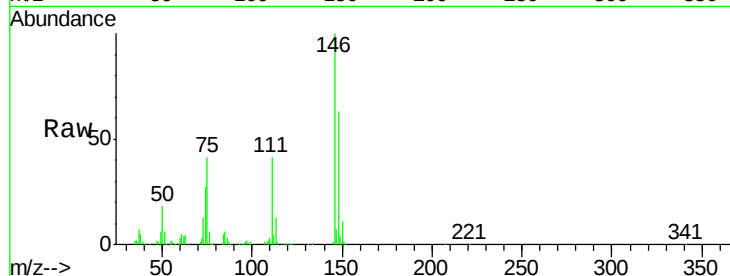




#13
 1,4-Dichlorobenzene
 Concen: 44.36 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

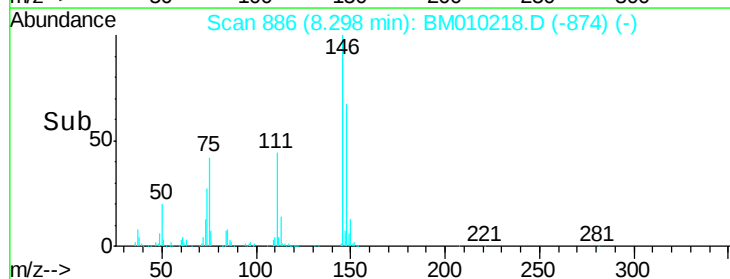
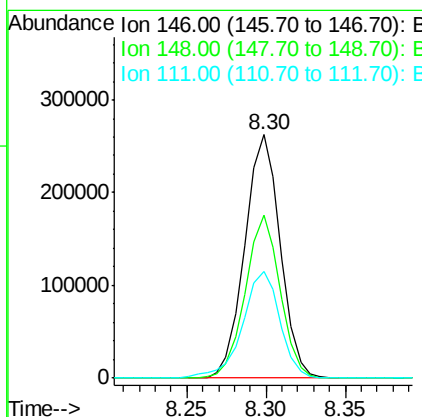
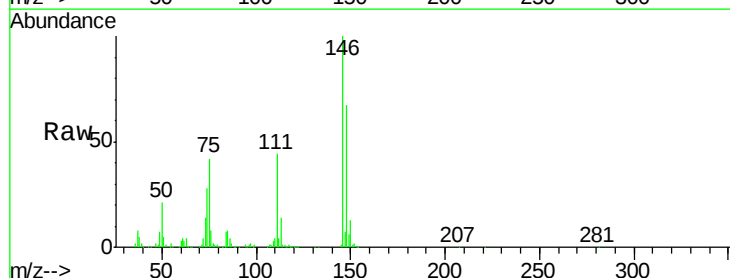
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

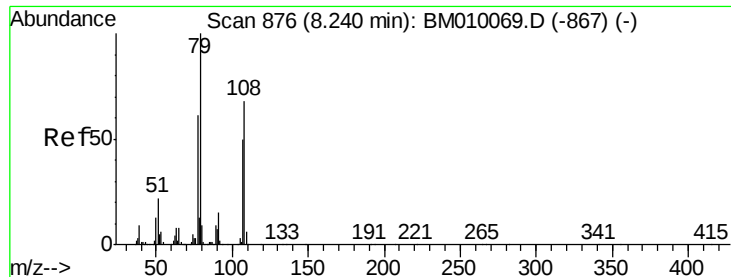
Tgt Ion:146 Resp: 417363
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 40.5 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 45.18 ng
 RT: 8.30 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:146 Resp: 407947
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.3 78.5
 111 44.0 30.6 45.8





#15

Benzyl Alcohol

Concen: 30.88 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

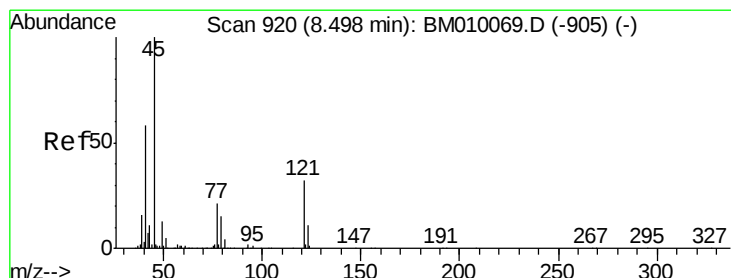
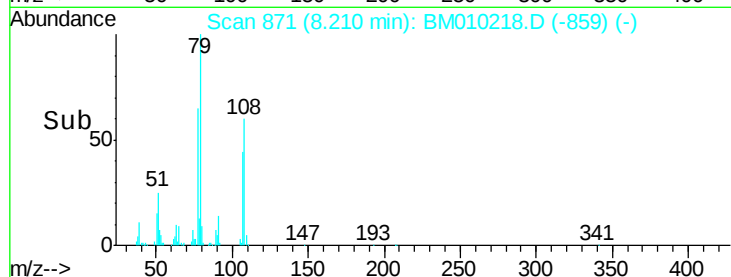
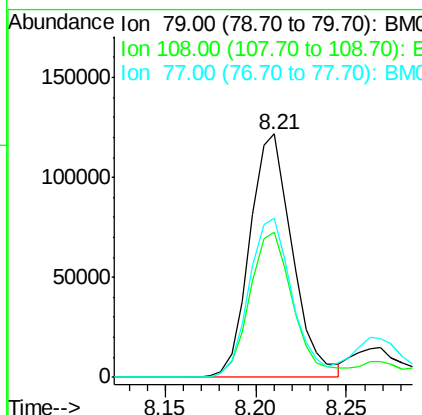
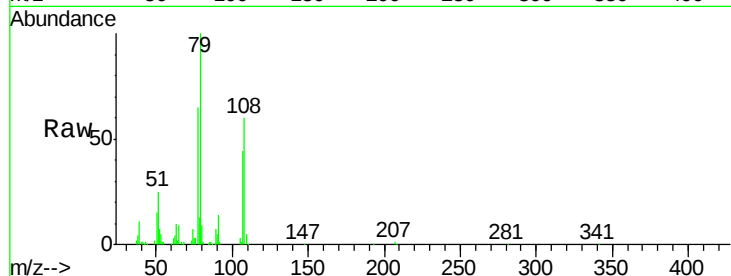
Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

Tgt Ion:	79	Resp:	199130
Ion	Ratio	Lower	Upper
79	100		
108	59.5	65.0	97.4#
77	65.2	53.0	79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.25 ng

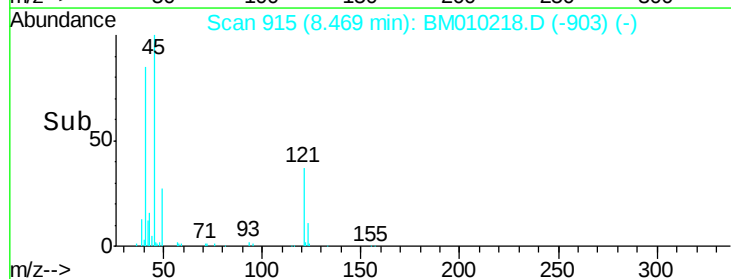
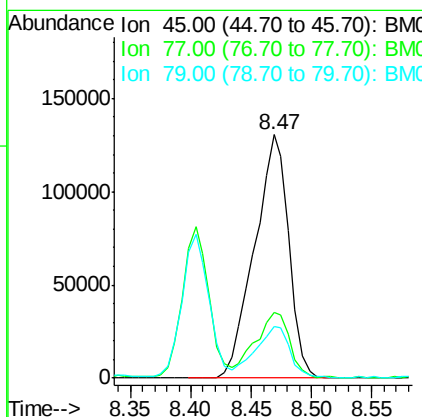
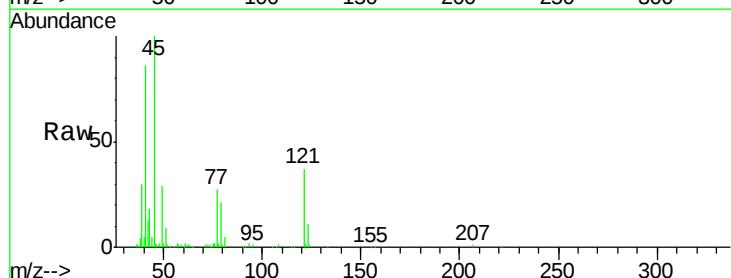
RT: 8.47 min Scan# 915

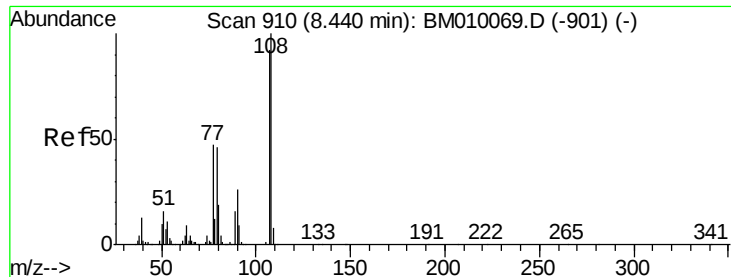
Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Tgt Ion:	45	Resp:	258394
Ion	Ratio	Lower	Upper
45	100		
77	26.9	0.0	35.2
79	21.0	0.0	32.0

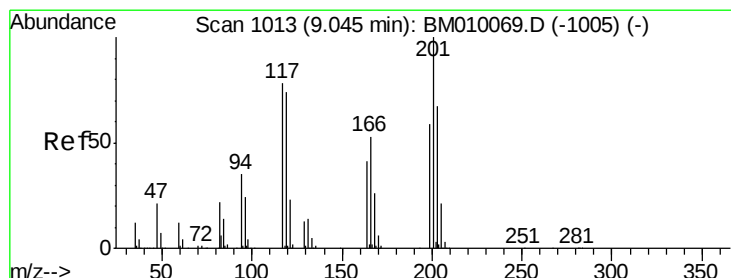
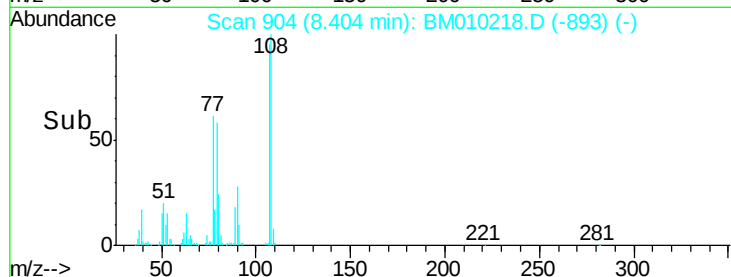
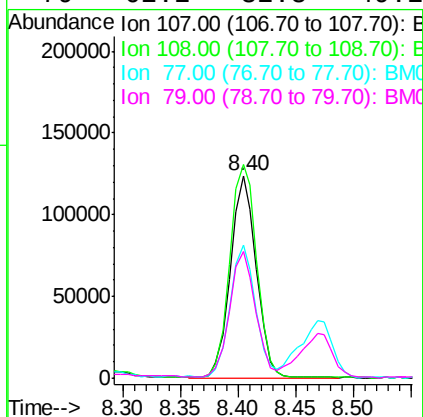
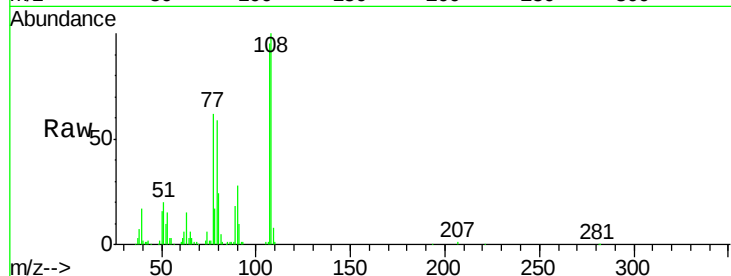




#17
2-Methylphenol
Concen: 30.24 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

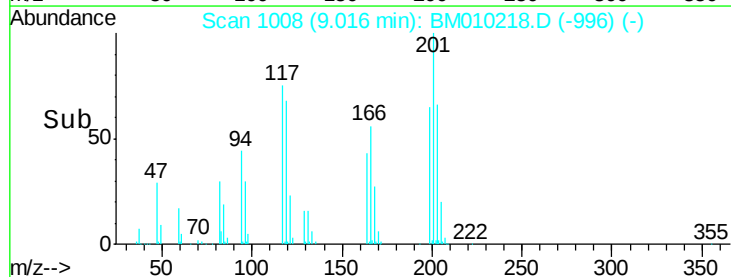
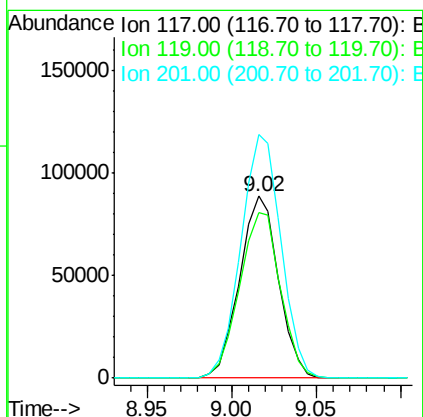
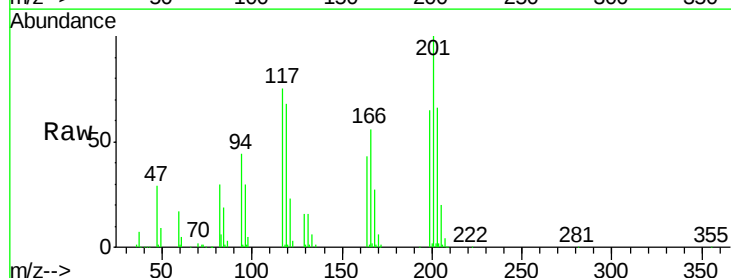
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

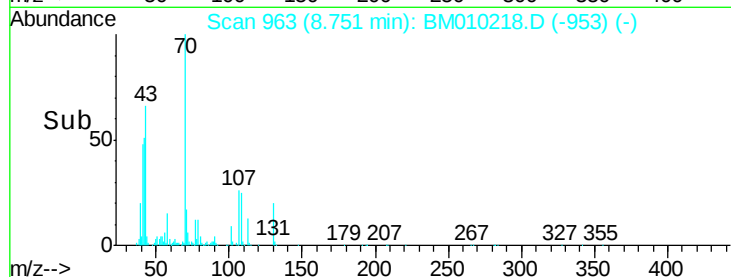
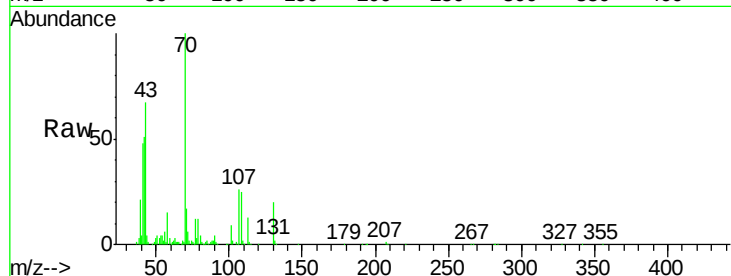
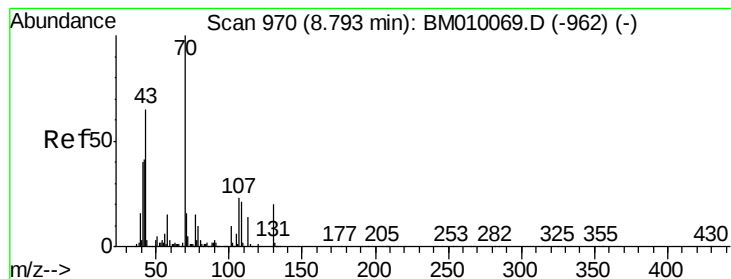
Tgt Ion:	107	Resp:	193241
Ion	Ratio	Lower	Upper
107	100		
108	105.3	89.8	134.8
77	65.6	32.6	48.8#
79	62.2	32.8	49.2#



#18
Hexachloroethane
Concen: 46.62 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:	117	Resp:	142180
Ion	Ratio	Lower	Upper
117	100		
119	90.7	79.2	118.8
201	133.8	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 50.30 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

Tgt Ion: 70 Resp: 302607

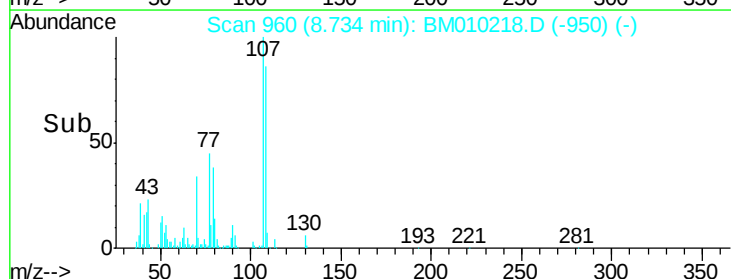
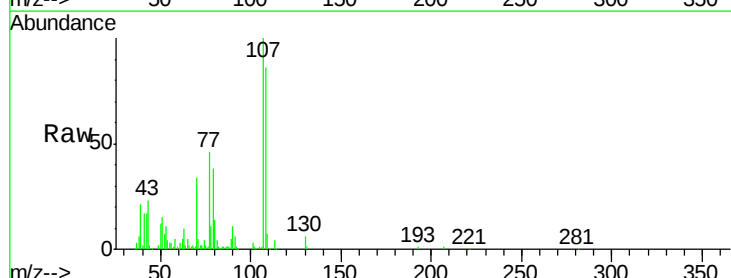
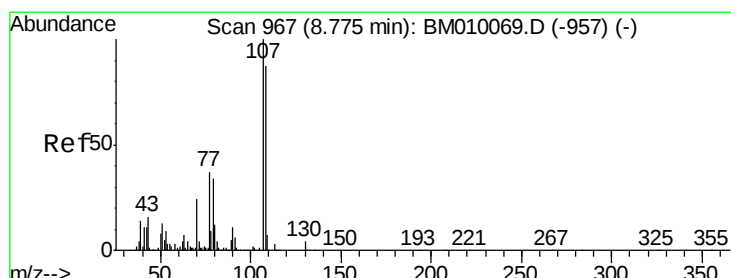
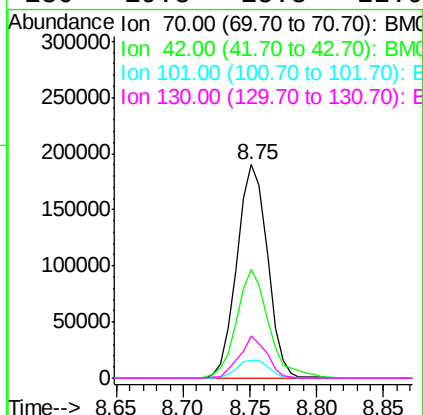
Ion Ratio Lower Upper

70 100

42 50.9 44.5 66.7

101 8.6 7.4 11.2

130 19.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 26.66 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Tgt Ion: 107 Resp: 230123

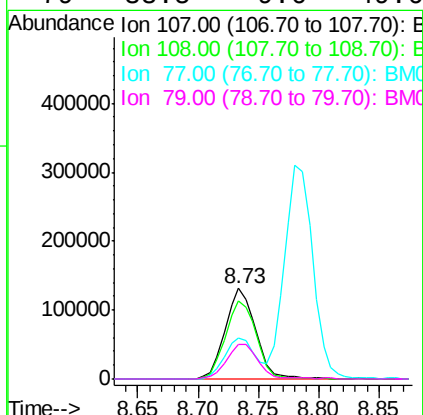
Ion Ratio Lower Upper

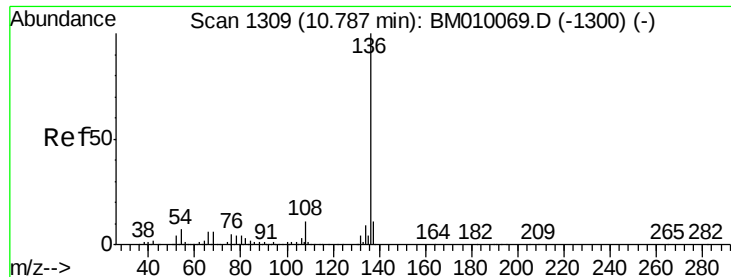
107 100

108 86.2 73.2 113.2

77 45.6 10.7 50.7

79 38.5 9.6 49.6

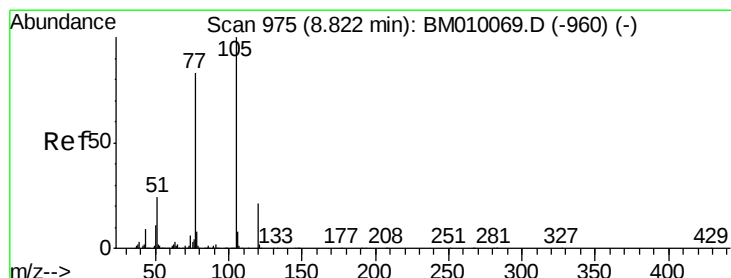
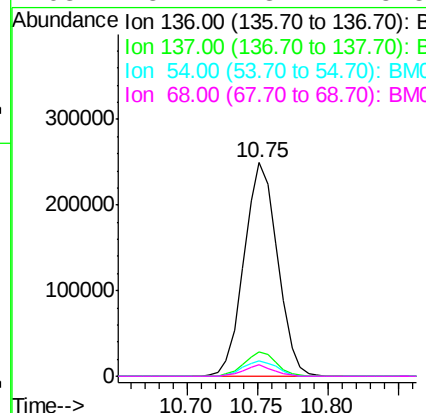
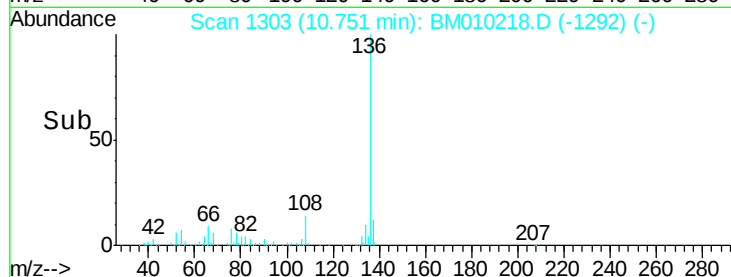
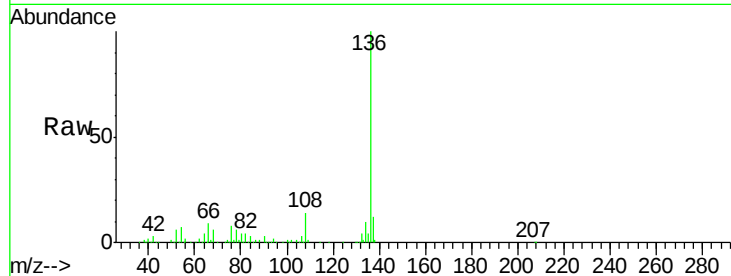




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

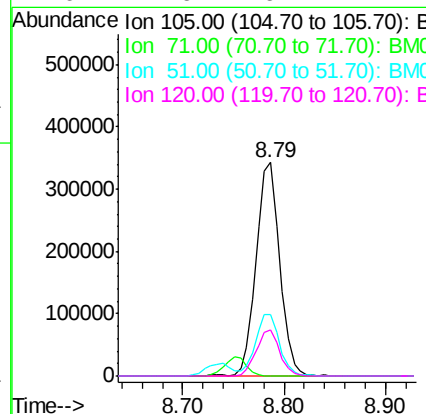
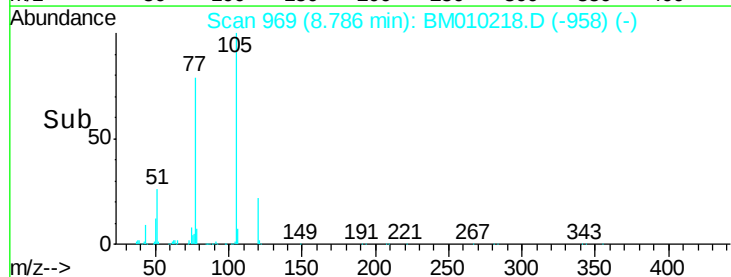
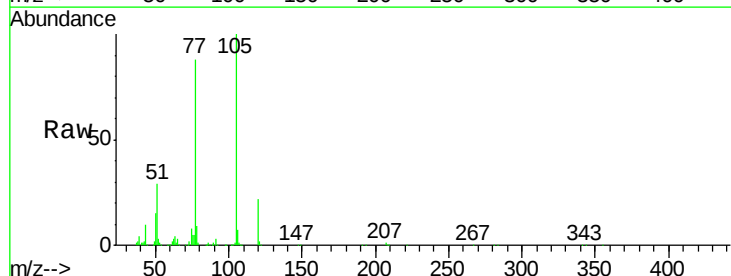
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

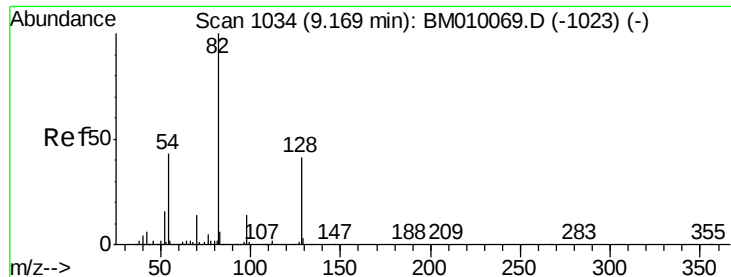
Tgt Ion:	136	Resp:	414974
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.2	4.6	6.8#
68	5.7	3.7	5.5#



#22
Acetophenone
Concen: 52.10 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:	105	Resp:	554200
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	28.9	21.6	32.4
120	21.6	16.1	24.1





#23

Nitrobenzene-d5

Concen: 121.90 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

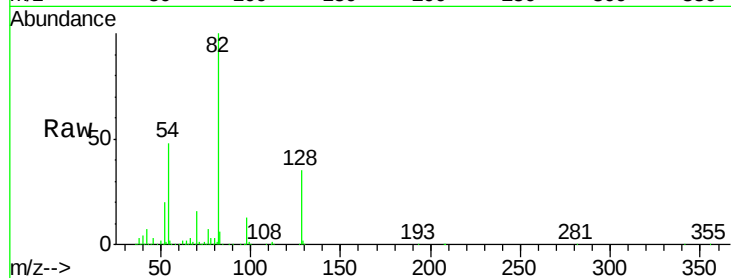
Tgt Ion: 82 Resp: 937641

Ion Ratio Lower Upper

82 100

128 34.6 32.8 49.2

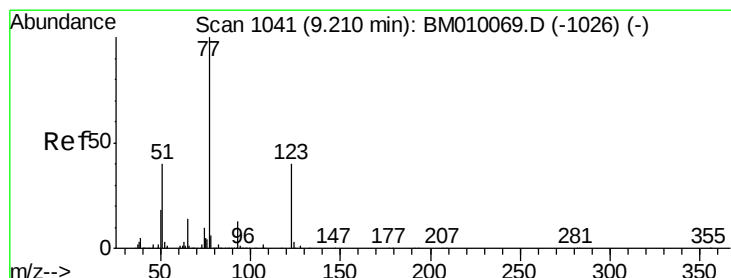
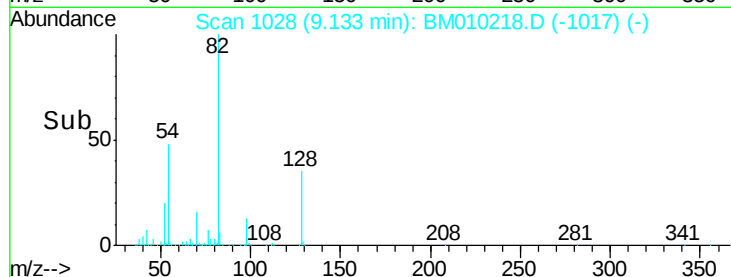
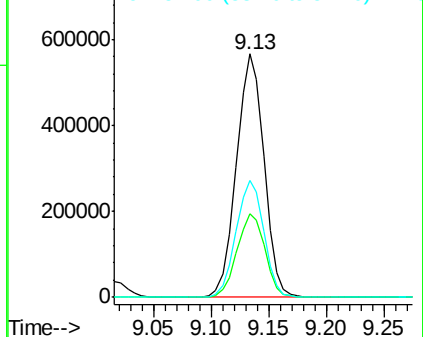
54 48.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010218.D (-1017) (-)

Ion 128.00 (127.70 to 128.70): BM010218.D (-1017) (-)

Ion 54.00 (53.70 to 54.70): BM010218.D (-1017) (-)



#24

Nitrobenzene

Concen: 59.54 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

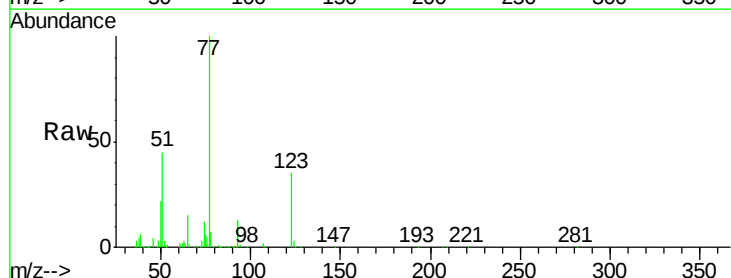
Tgt Ion: 77 Resp: 471762

Ion Ratio Lower Upper

77 100

123 34.7 32.6 49.0

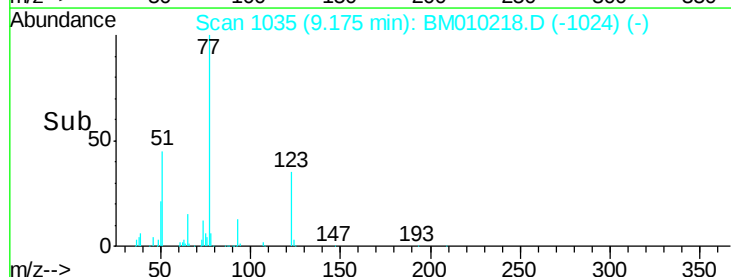
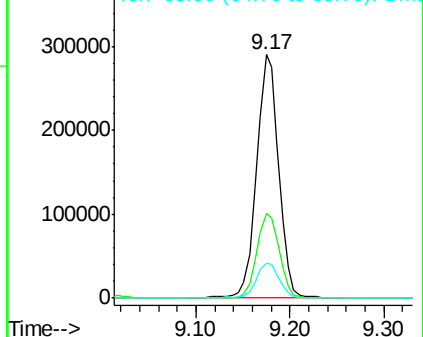
65 14.5 10.9 16.3

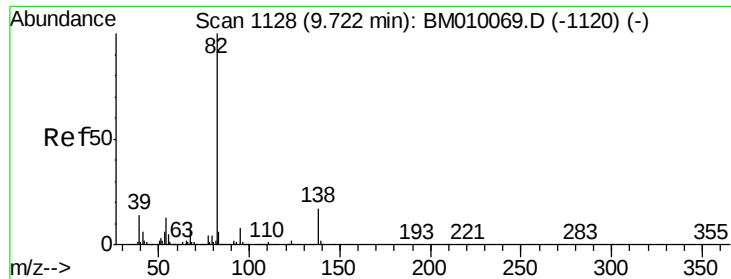


Abundance Ion 77.00 (76.70 to 77.70): BM010218.D (-1024) (-)

Ion 123.00 (122.70 to 123.70): BM010218.D (-1024) (-)

Ion 65.00 (64.70 to 65.70): BM010218.D (-1024) (-)

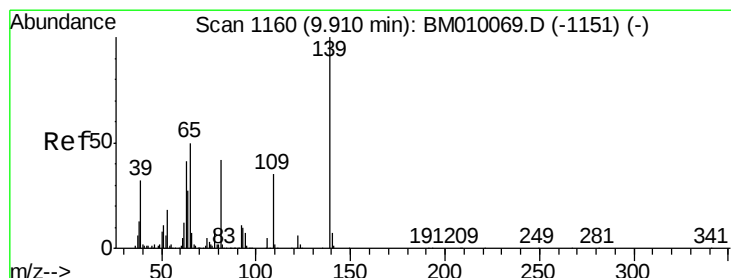
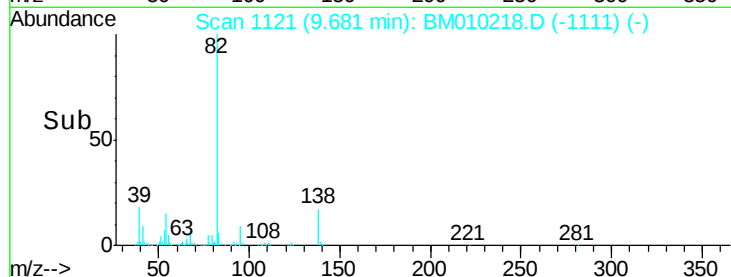
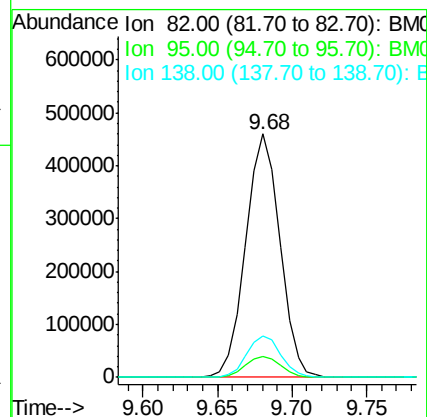
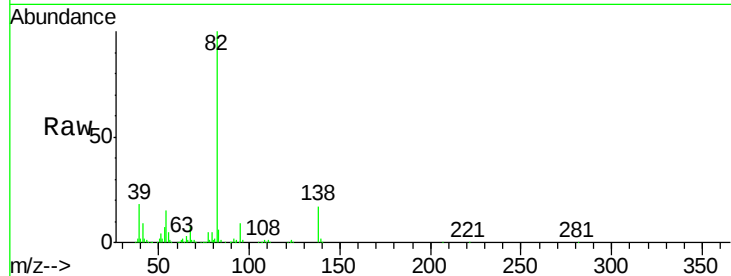




#25
Isophorone
Concen: 54.95 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

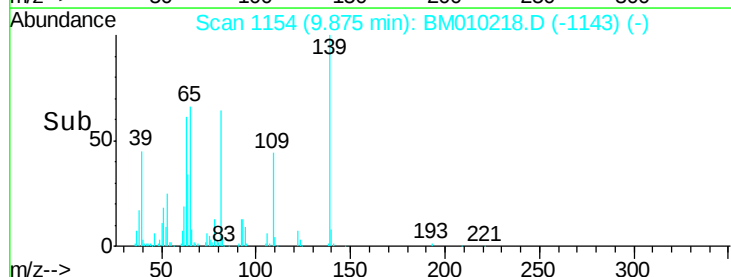
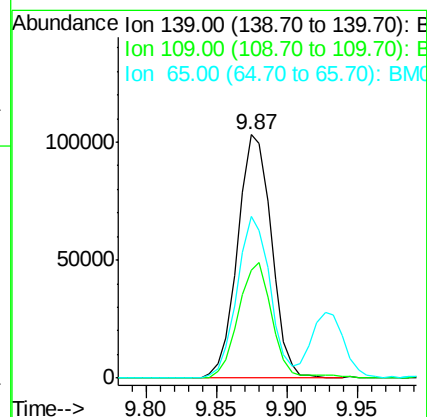
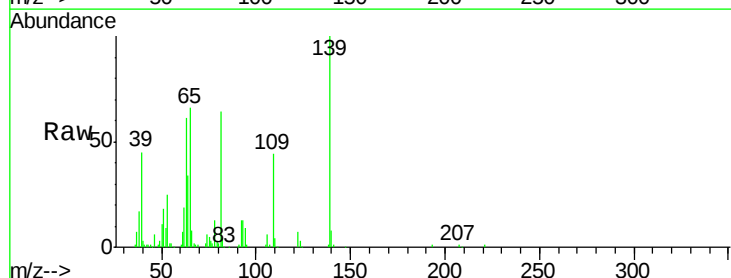
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

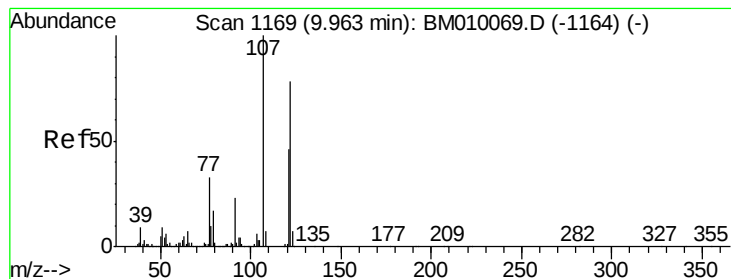
Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	5.8	8.6
138	16.9	16.3	24.5



#26
2-Nitrophenol
Concen: 52.07 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.4	20.1	30.1#
65	66.3	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 43.09 ng

RT: 9.93 min Scan# 1163

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

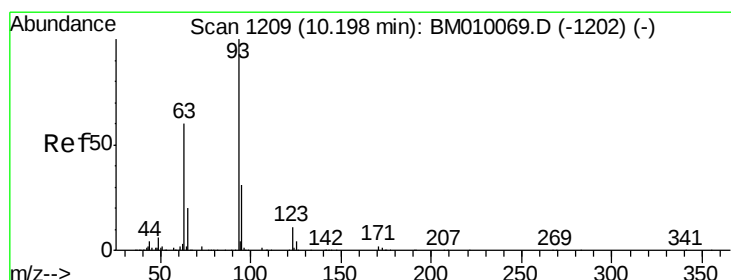
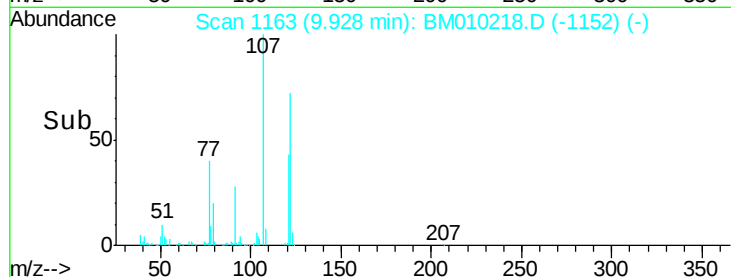
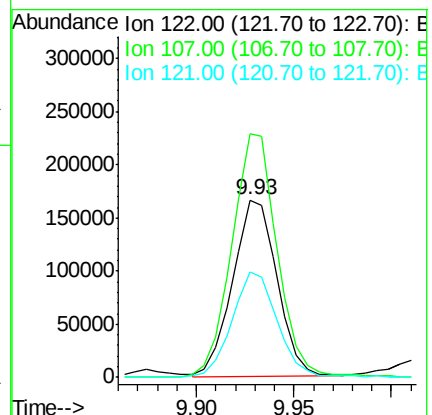
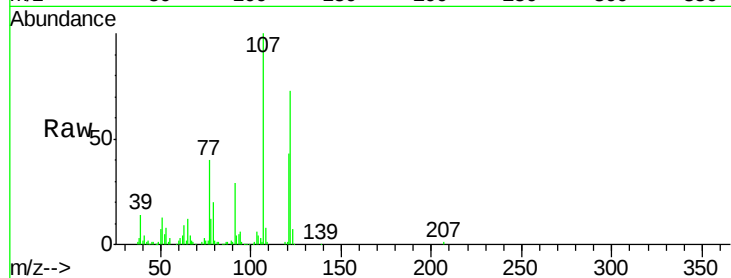
Tgt Ion:122 Resp: 259897

Ion Ratio Lower Upper

122 100

107 137.4 84.7 127.1#

121 59.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.85 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

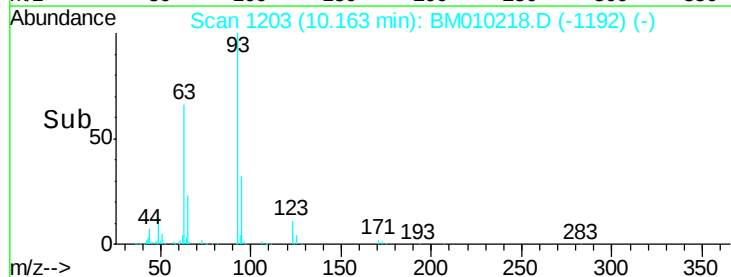
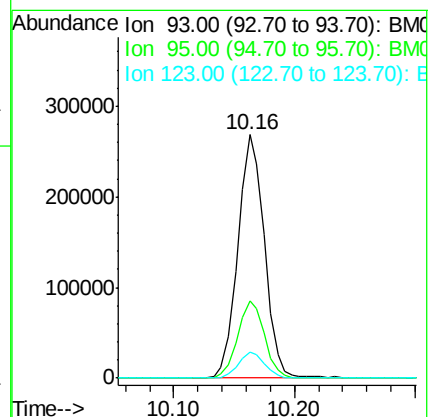
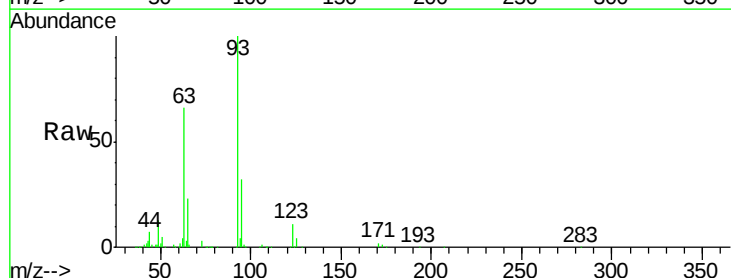
Tgt Ion: 93 Resp: 412001

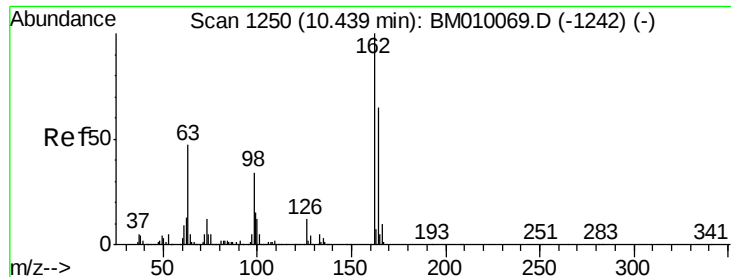
Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

123 10.8 8.6 13.0

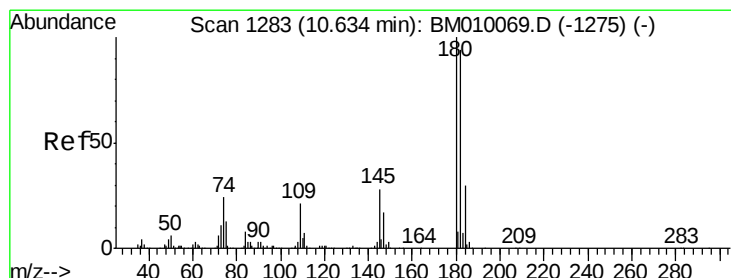
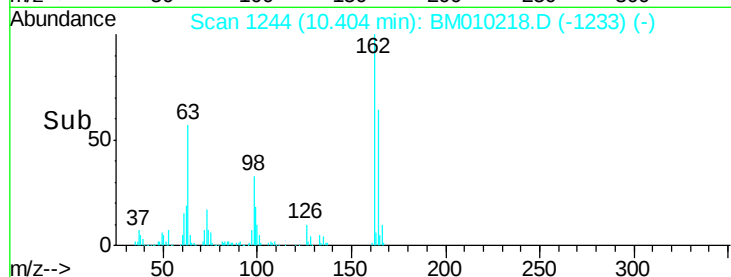
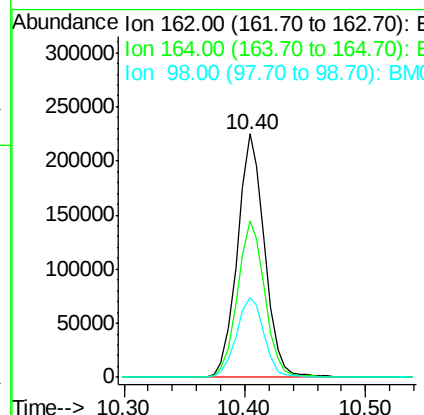
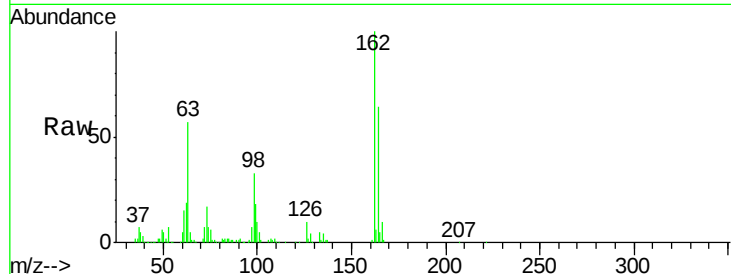




#29
 2,4-Dichlorophenol
 Concen: 50.84 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.04 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

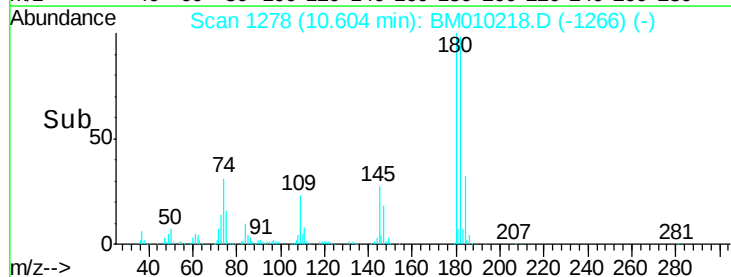
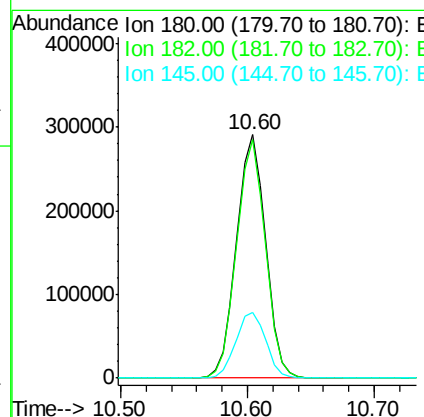
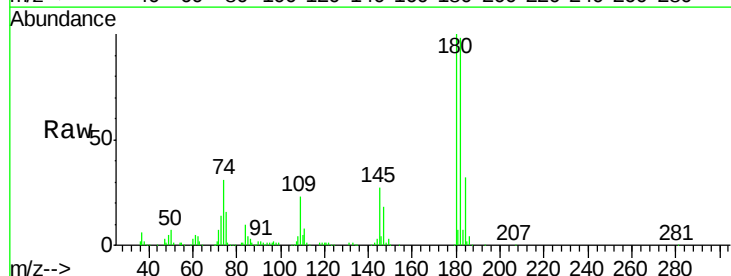
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

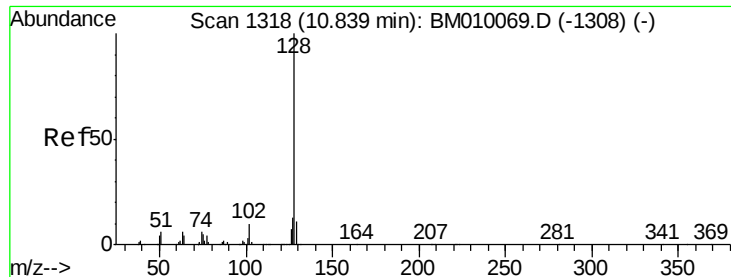
Tgt Ion:	162	Resp:	352996
Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	32.7	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 51.31 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:	180	Resp:	460971
Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.6	116.4
145	27.1	23.4	35.2

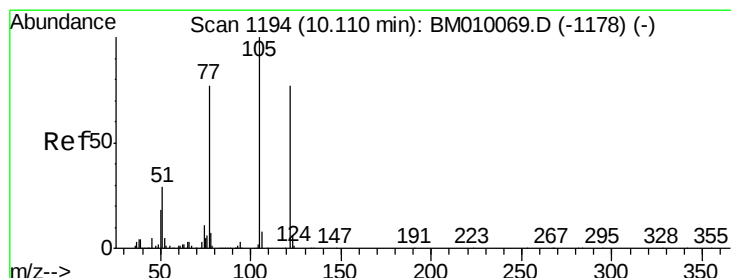
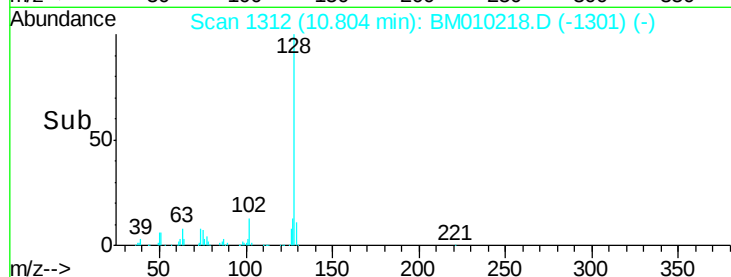
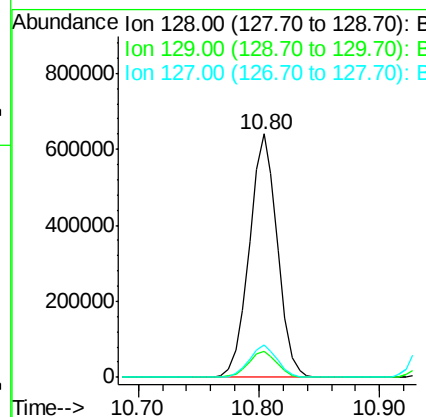
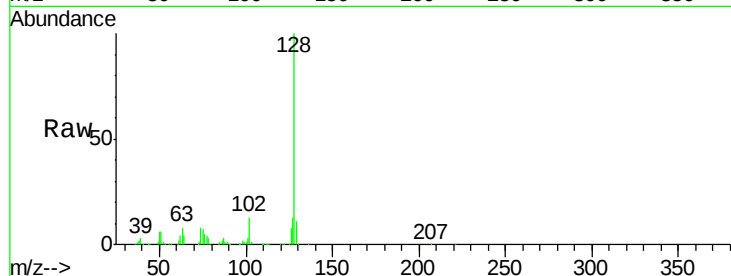




#31
Naphthalene
Concen: 46.39 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

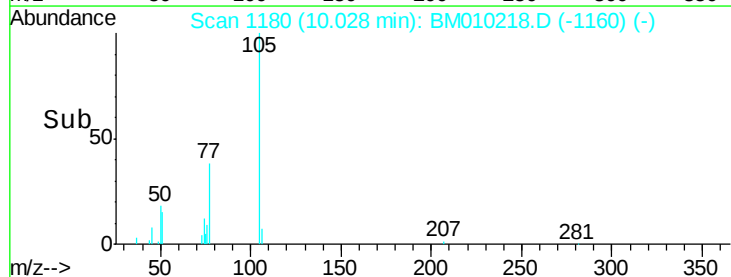
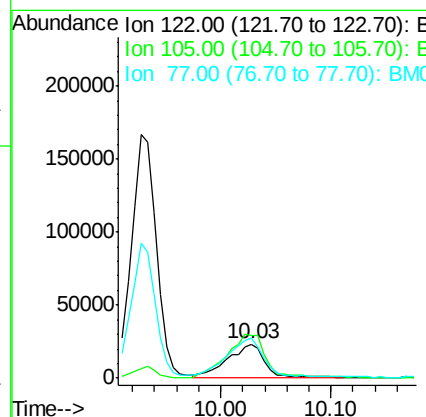
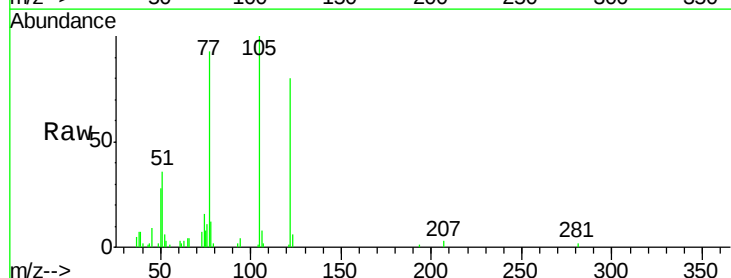
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

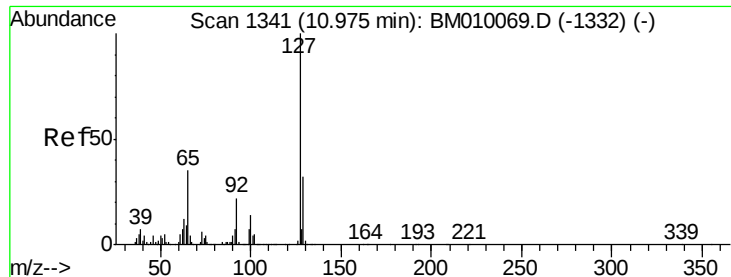
Tgt Ion:128 Resp: 1029757
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 13.03 ng
RT: 10.03 min Scan# 1180
Delta R.T. -0.08 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:122 Resp: 53567
Ion Ratio Lower Upper
122 100
105 125.3 99.9 139.9
77 116.9 73.7 113.7#

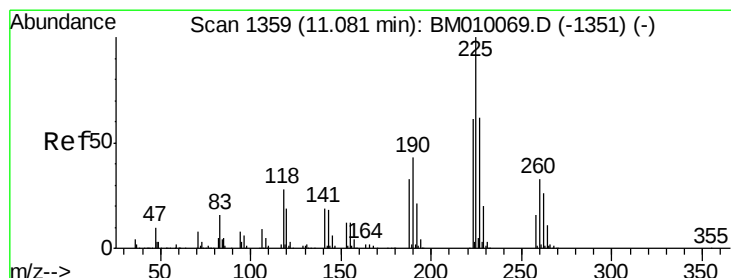
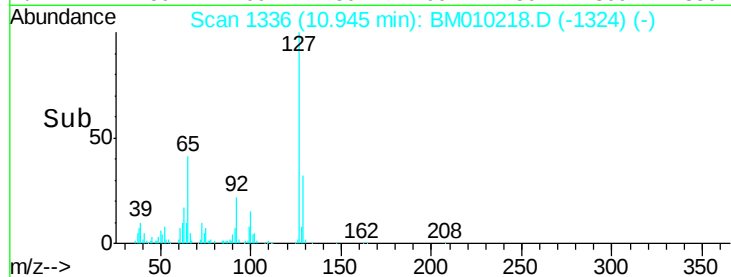
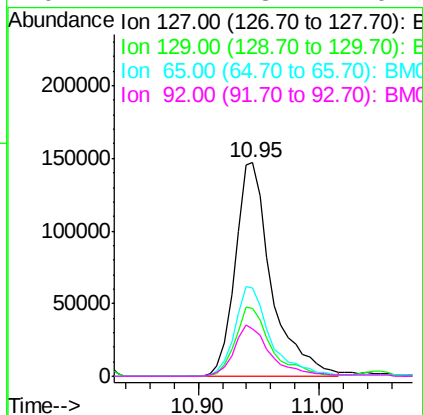
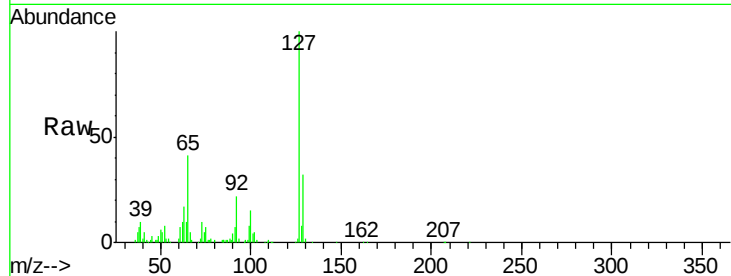




#33
4-Chloroaniline
Concen: 35.76 ng
RT: 10.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

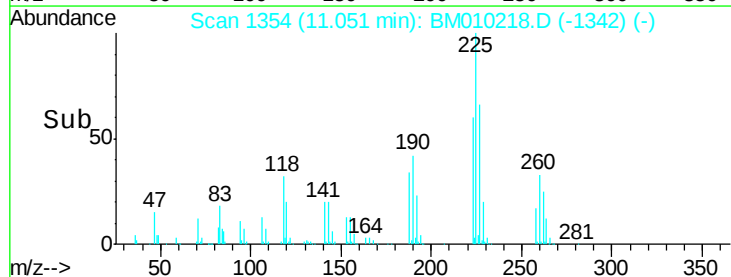
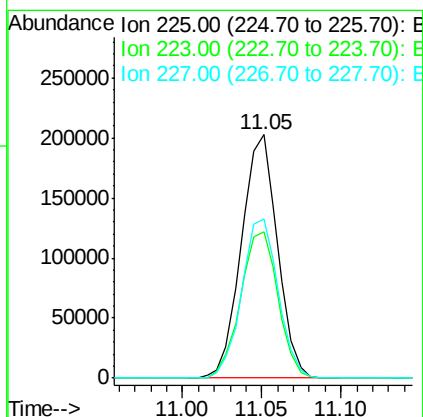
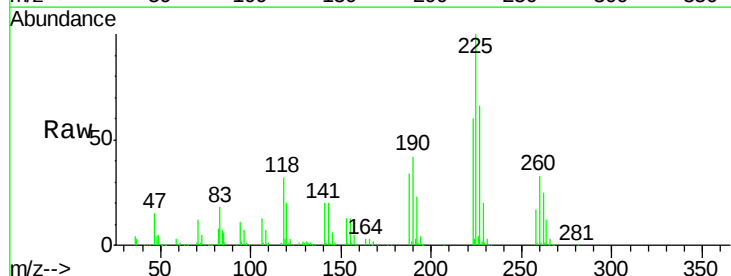
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

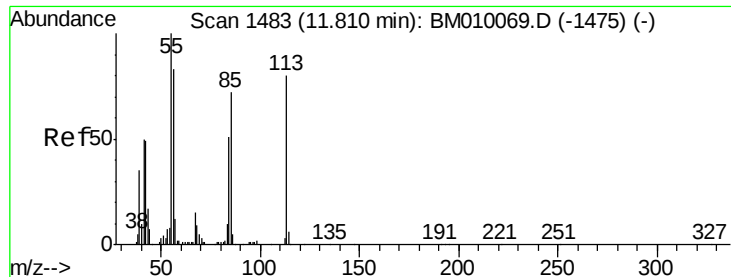
Tgt Ion:	127	Resp:	305836
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	41.1	17.6	26.4
92	22.1	13.1	19.7



#34
Hexachlorobutadiene
Concen: 53.24 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:	225	Resp:	319075
Ion	Ratio	Lower	Upper
225	100		
223	60.0	47.9	71.9
227	65.5	50.1	75.1





#35

Caprolactam

Concen: 4.88 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

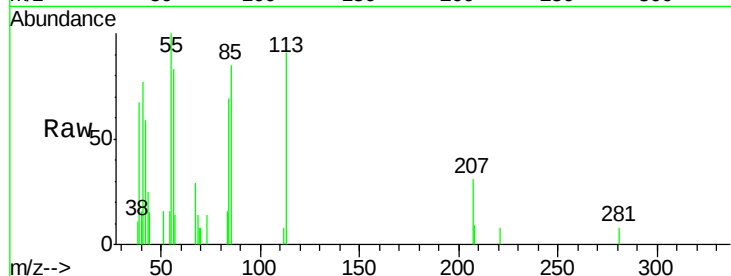
Tgt Ion:113 Resp: 9732

Ion Ratio Lower Upper

113 100

55 109.5 145.9 185.9#

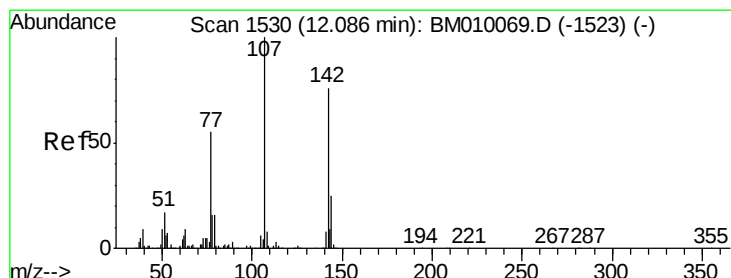
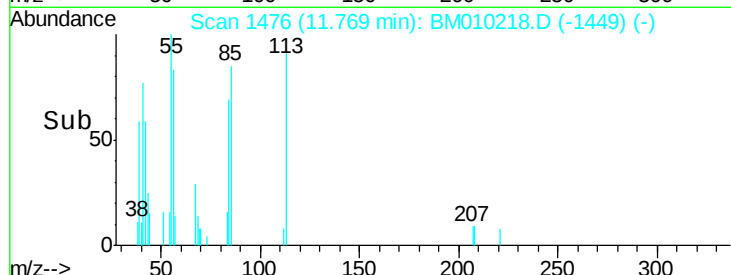
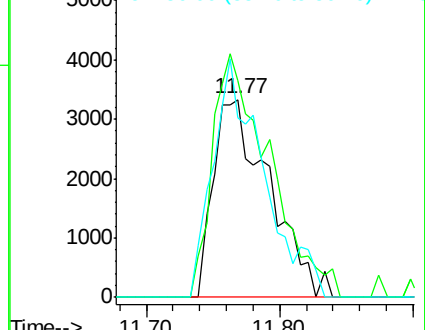
56 90.6 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.16 ng

RT: 12.05 min Scan# 1524

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

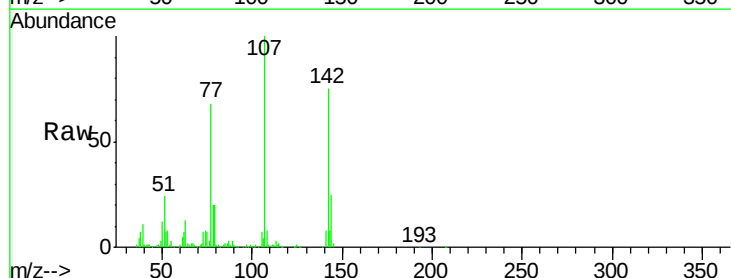
Tgt Ion:107 Resp: 309516

Ion Ratio Lower Upper

107 100

144 24.6 23.3 34.9

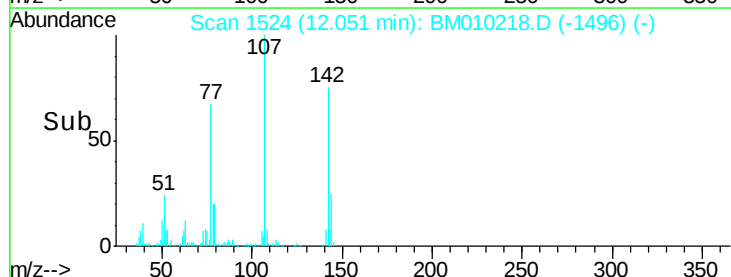
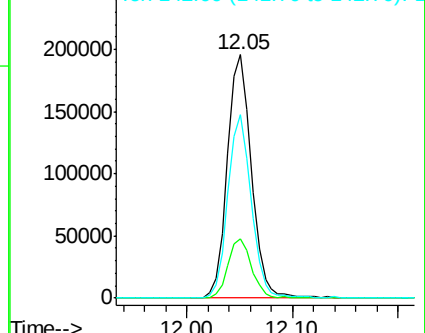
142 75.4 72.6 109.0

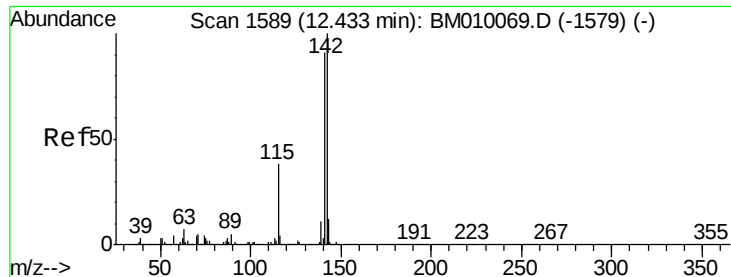


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

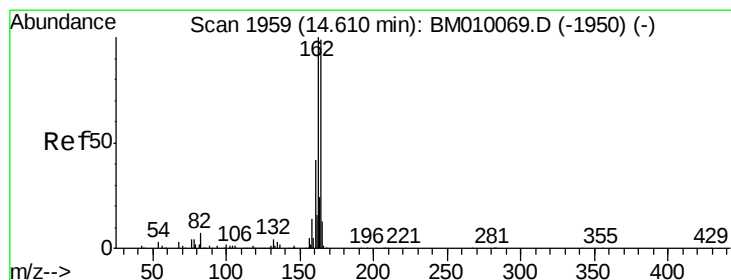
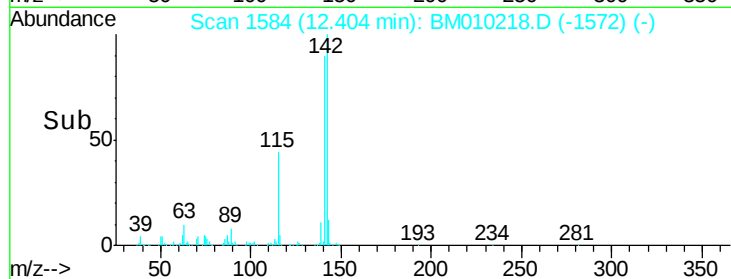
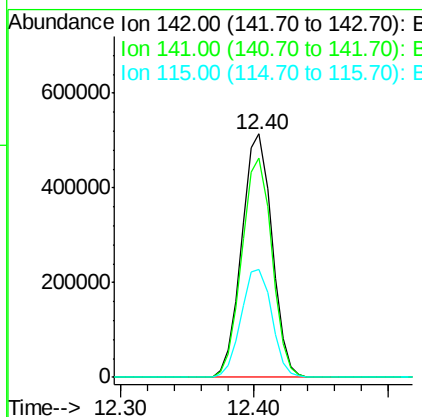
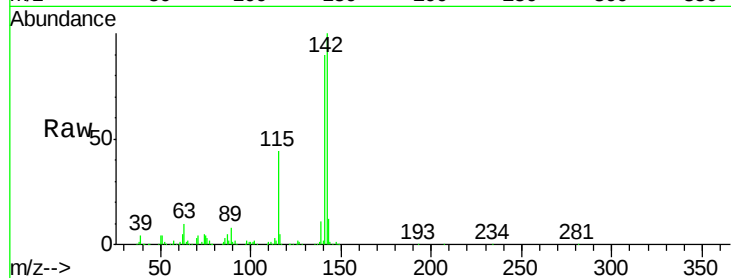




#37
2-Methylnaphthalene
Concen: 50.37 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

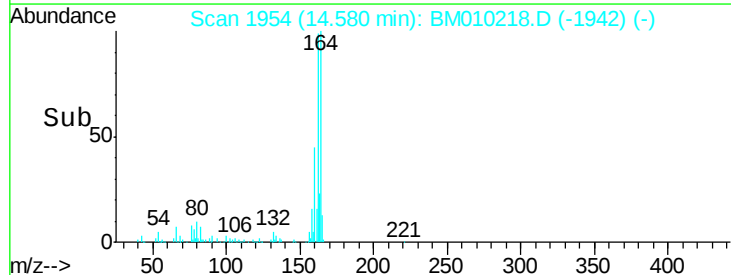
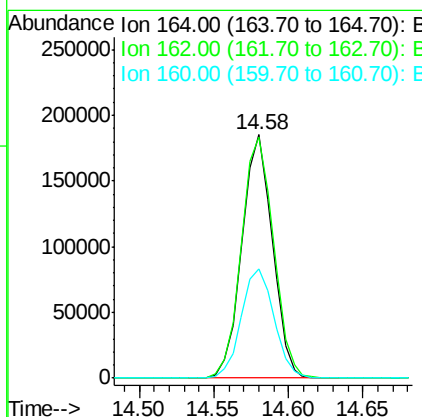
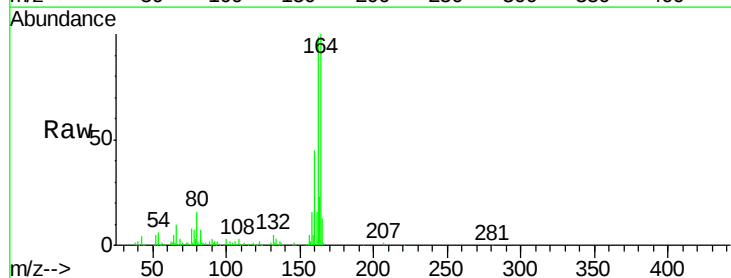
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

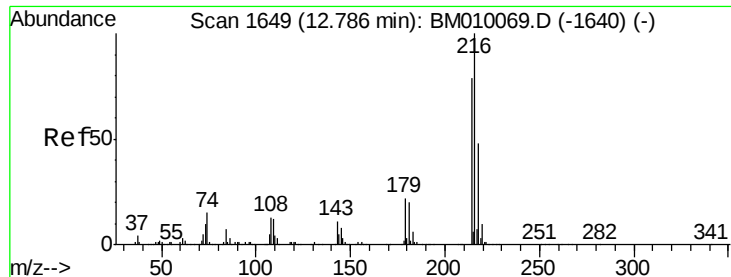
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	44.5	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.4	123.6
160	45.1	35.8	53.6

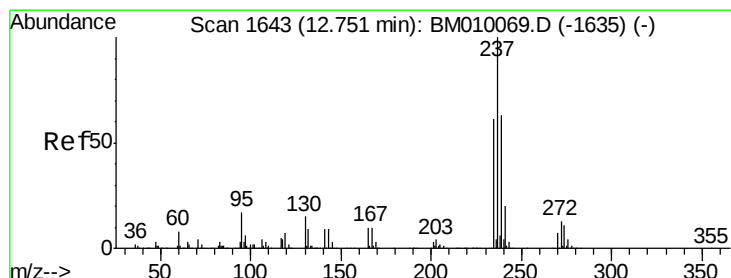
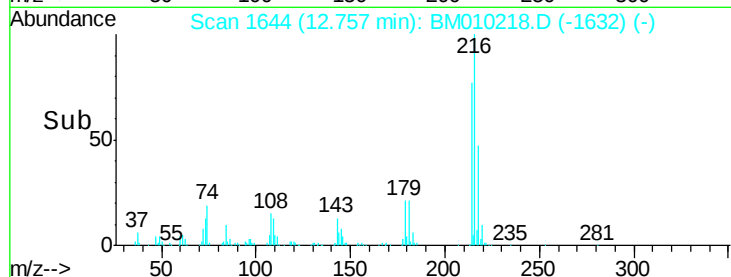
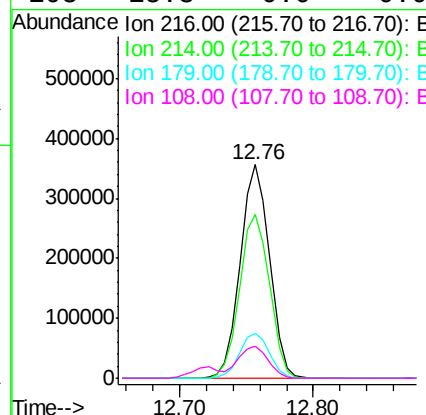
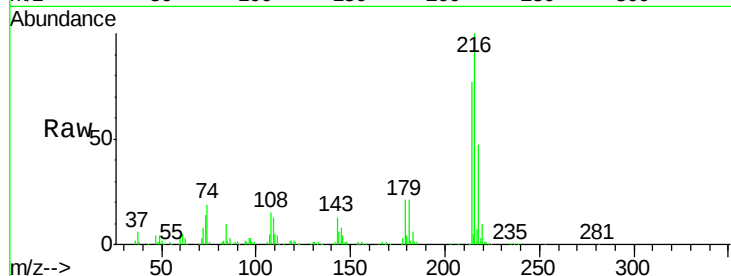




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.58 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

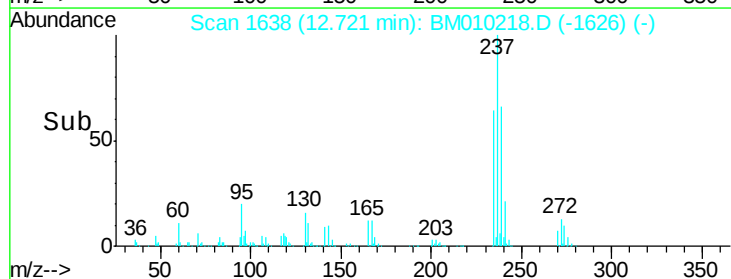
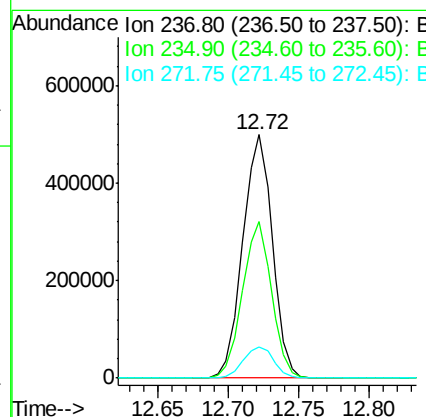
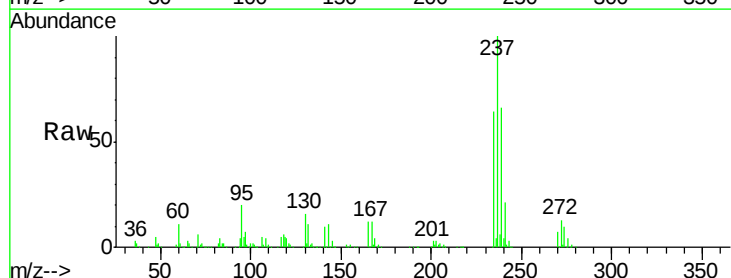
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

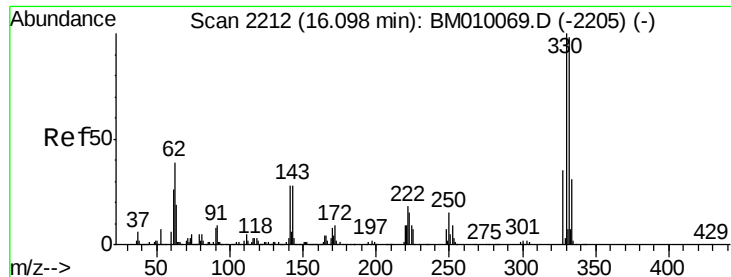
Tgt Ion:	216	Resp:	540175
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.5	0.0	0.0#
108	15.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 125.67 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:	237	Resp:	731561
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.0	82.0
272	12.6	0.0	33.4

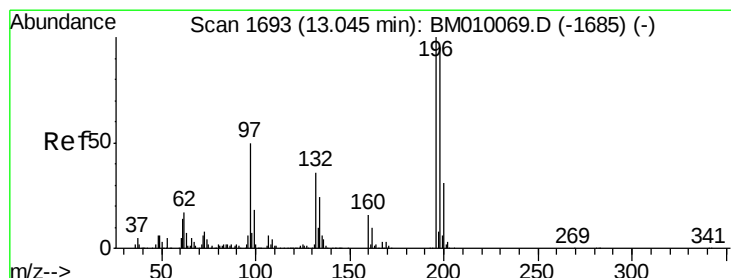
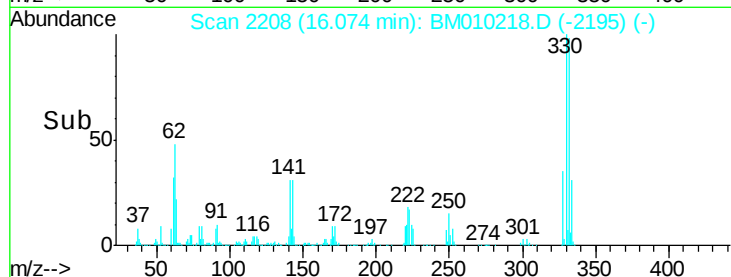
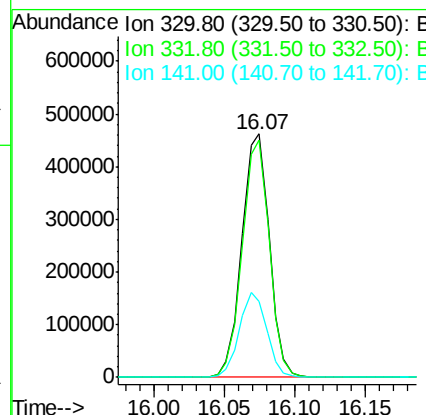
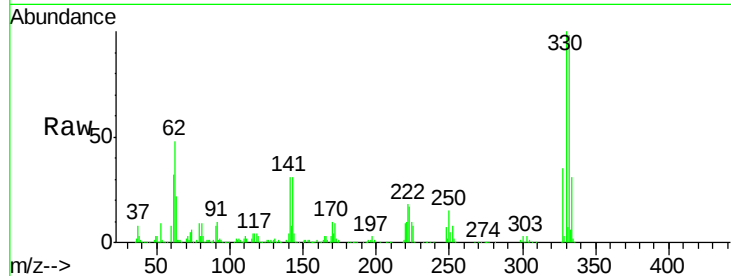




#41
 2,4,6-Tribromophenol
 Concen: 158.29 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

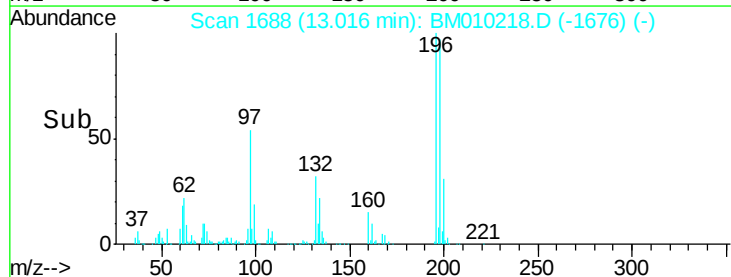
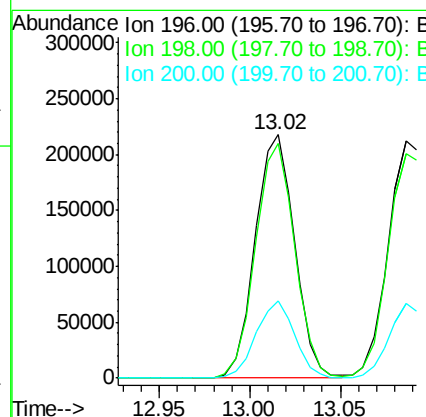
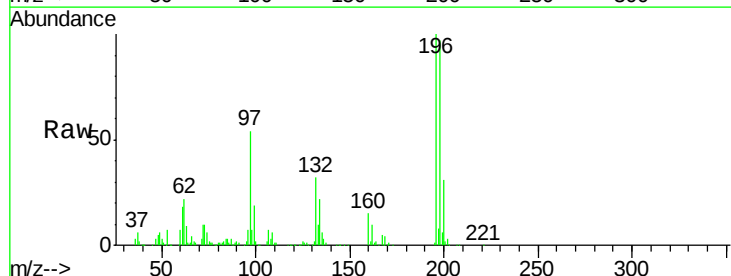
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

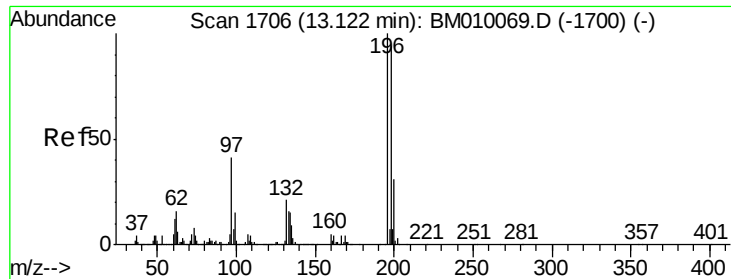
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.7	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 55.44 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.3	114.5
200	31.5	25.6	38.4

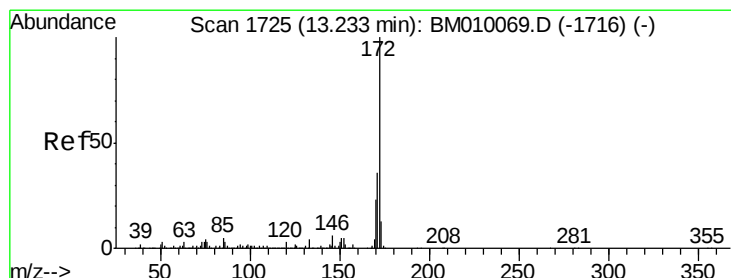
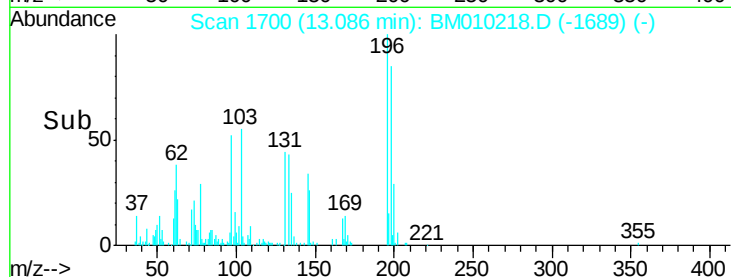
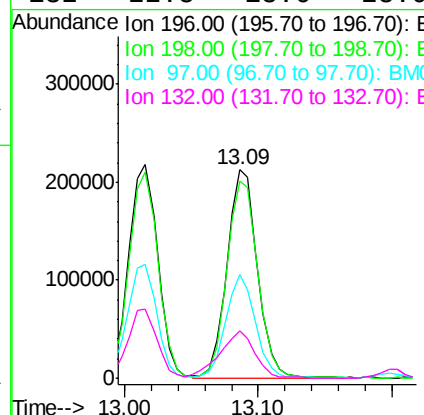
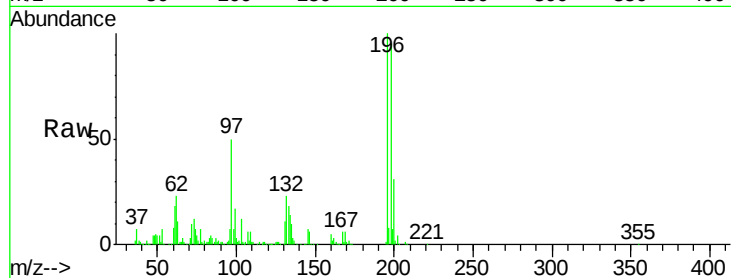




#43
2,4,5-Trichlorophenol
Concen: 51.50 ng
RT: 13.09 min Scan# 1700
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

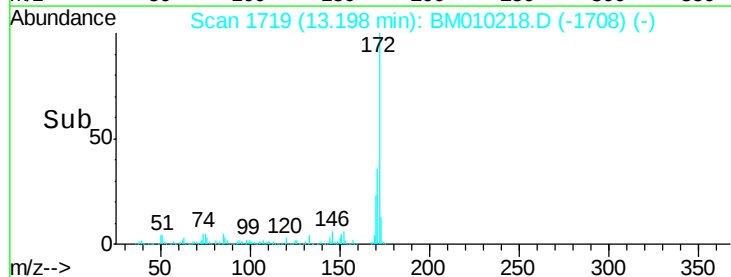
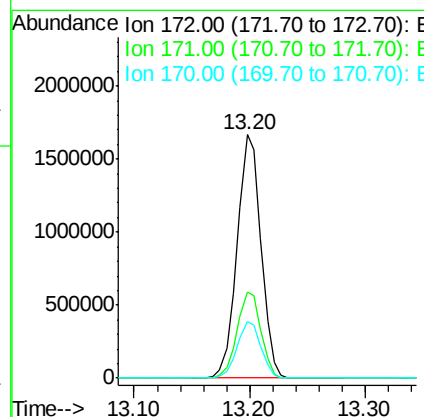
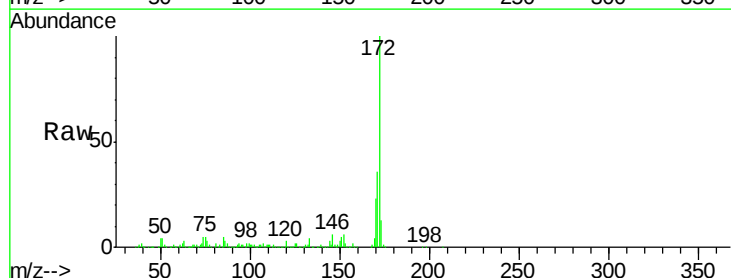
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

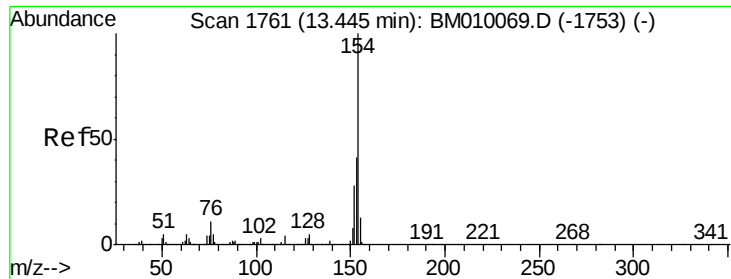
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.0
97	49.7	26.8	40.2
132	22.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 116.72 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2

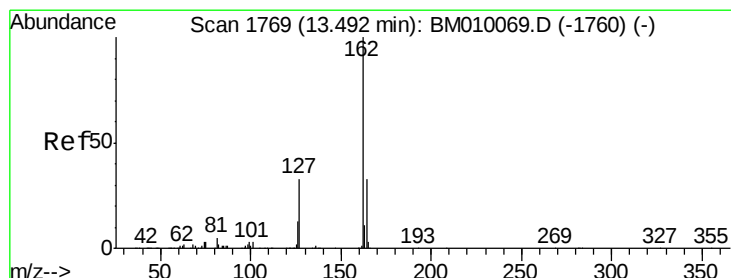
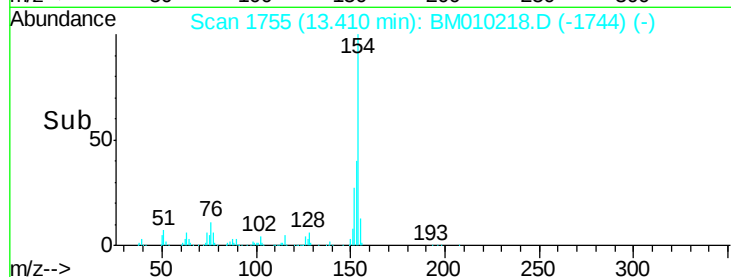
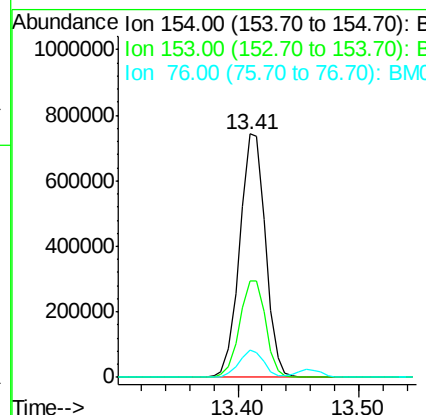
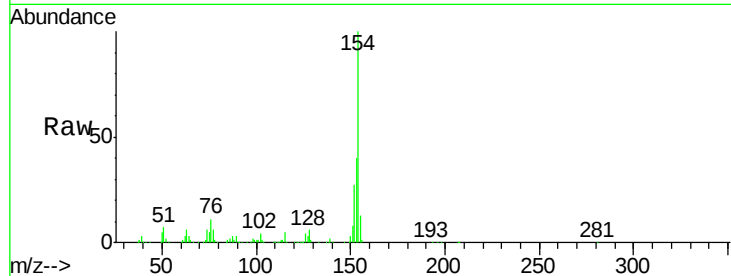




#45
 1,1'-Biphenyl
 Concen: 51.28 ng
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.04 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

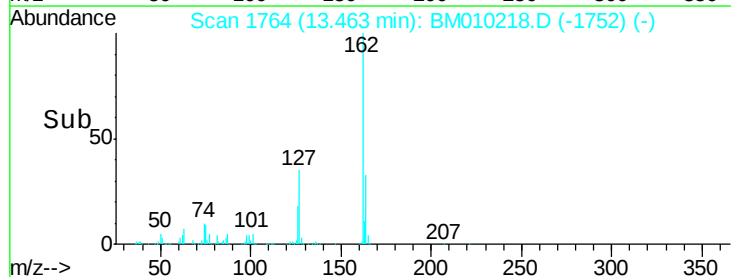
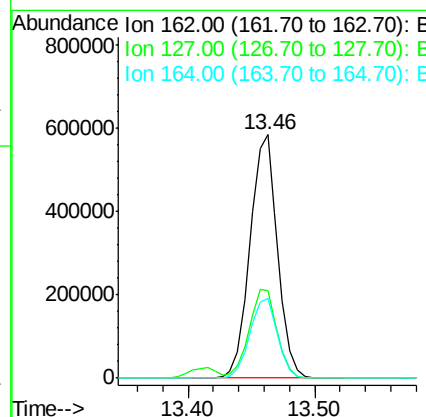
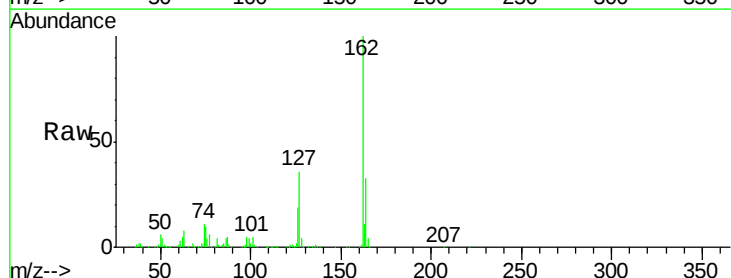
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

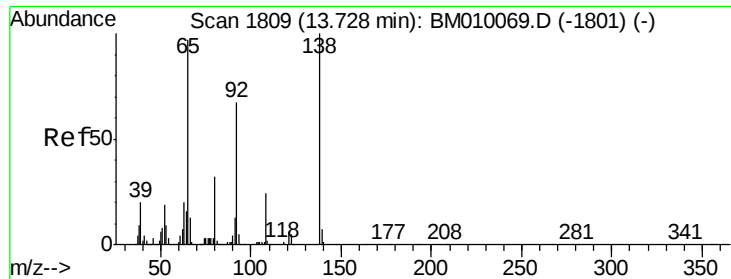
Tgt Ion:154 Resp: 1105528
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.7 60.7
 76 11.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 50.10 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:162 Resp: 874496
 Ion Ratio Lower Upper
 162 100
 127 35.7 26.9 40.3
 164 32.8 26.8 40.2

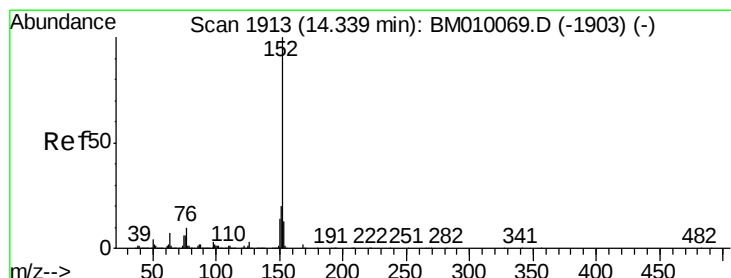
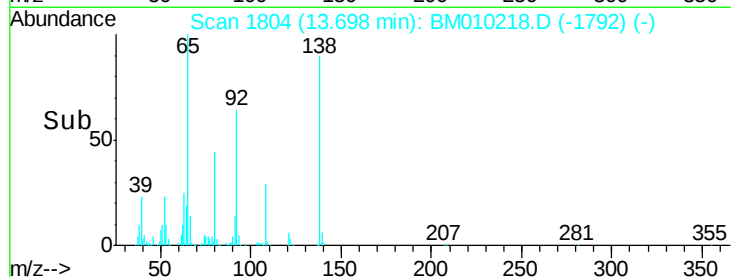
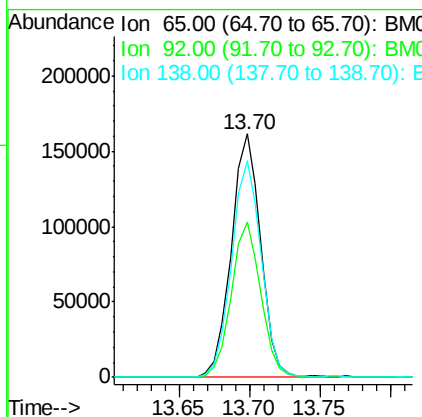
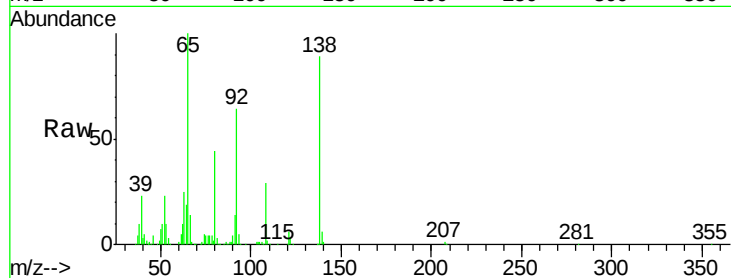




#47
2-Nitroaniline
Concen: 52.40 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

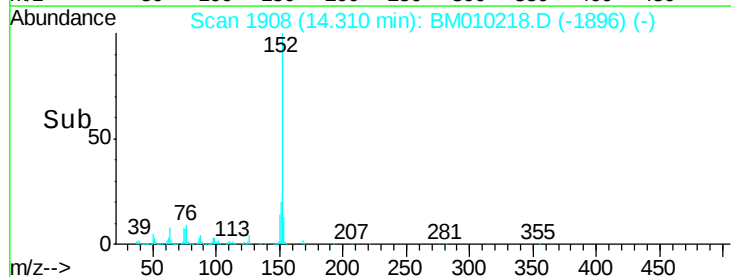
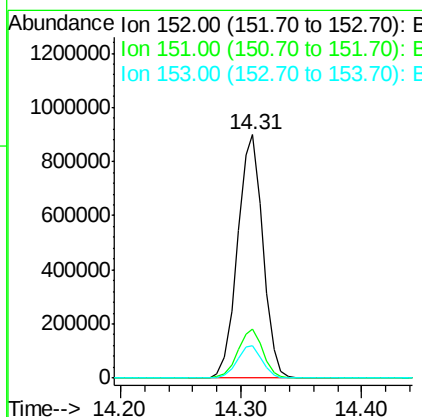
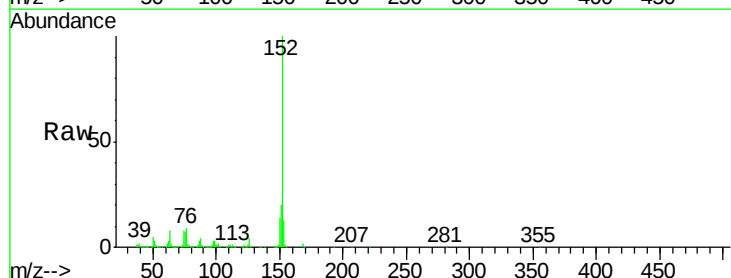
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

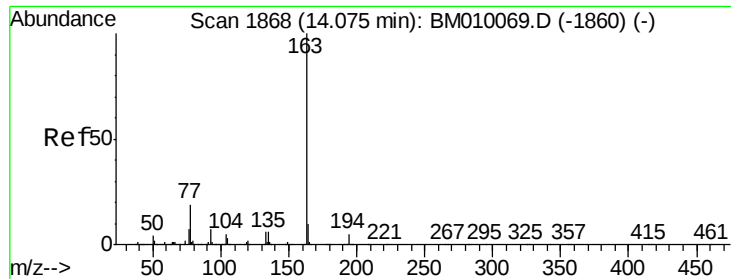
Tgt Ion: 65 Resp: 235220
Ion Ratio Lower Upper
65 100
92 63.6 59.1 88.7
138 89.2 93.9 140.9#



#48
Acenaphthylene
Concen: 50.83 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion: 152 Resp: 1311968
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 51.29 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

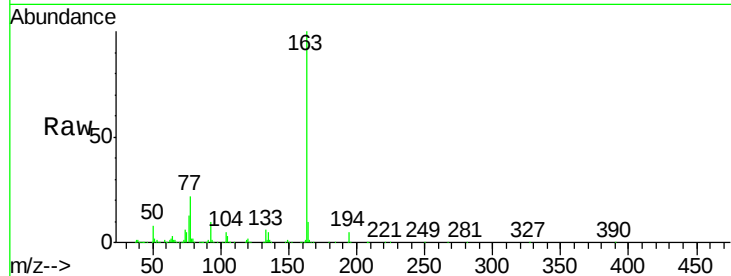
Tgt Ion:163 Resp: 1199549

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

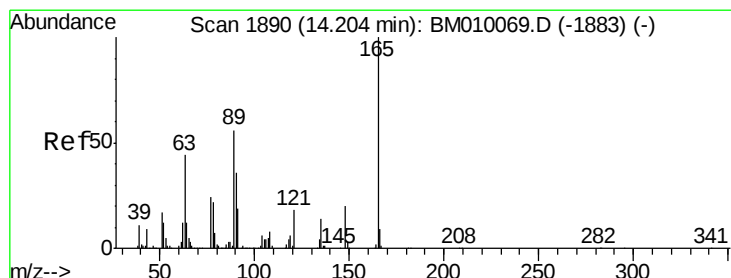
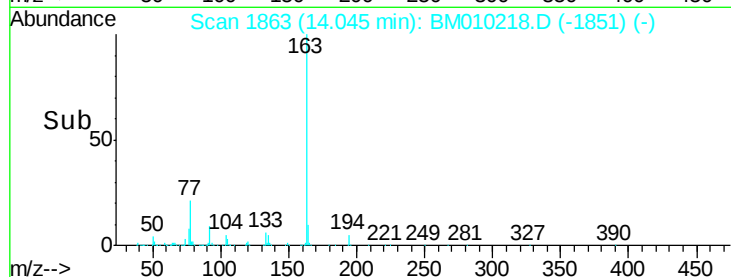
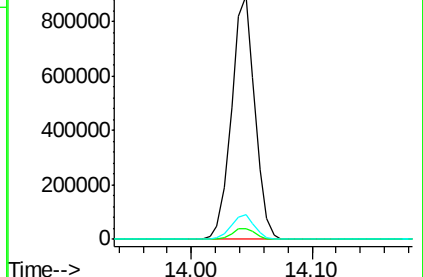
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.82 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

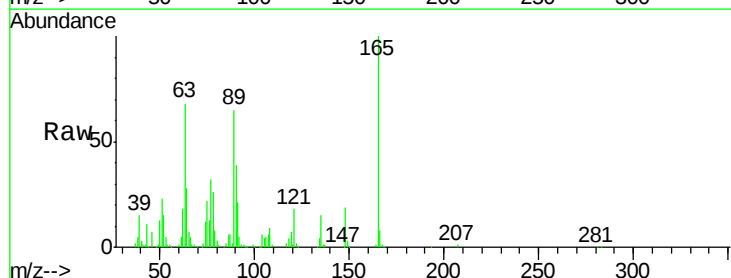
Tgt Ion:165 Resp: 225658

Ion Ratio Lower Upper

165 100

63 67.7 44.1 66.1#

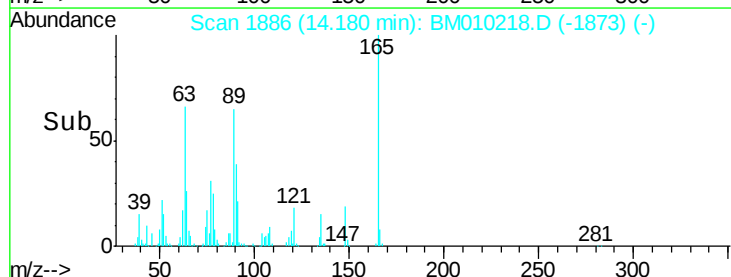
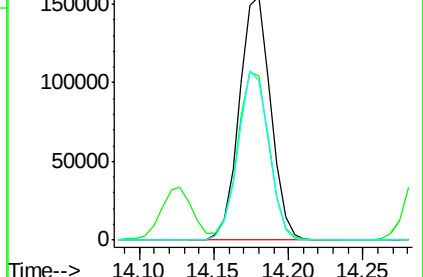
89 65.3 44.3 66.5

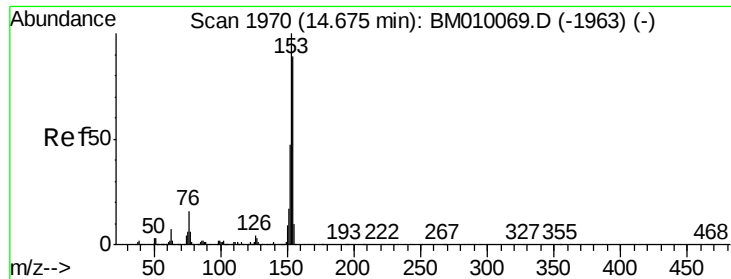


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 49.94 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

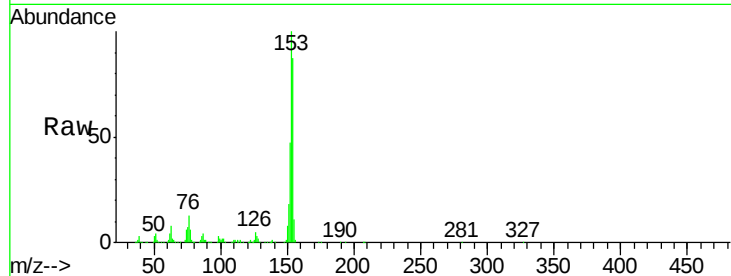
Tgt Ion:154 Resp: 801313

Ion Ratio Lower Upper

154 100

153 115.3 90.0 135.0

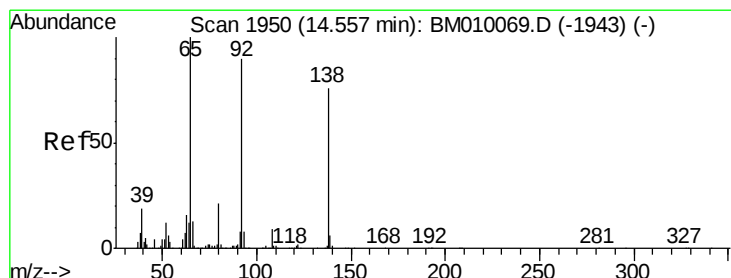
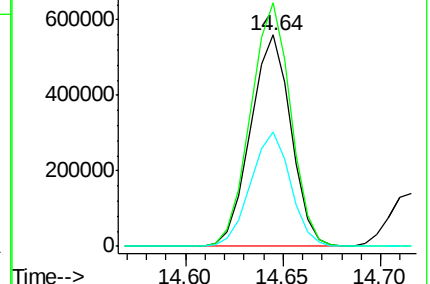
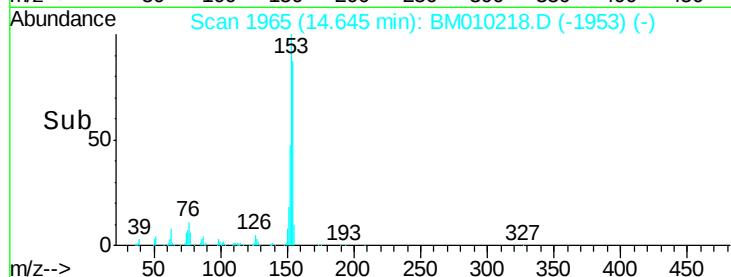
152 54.0 42.6 63.8



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: 38.70 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

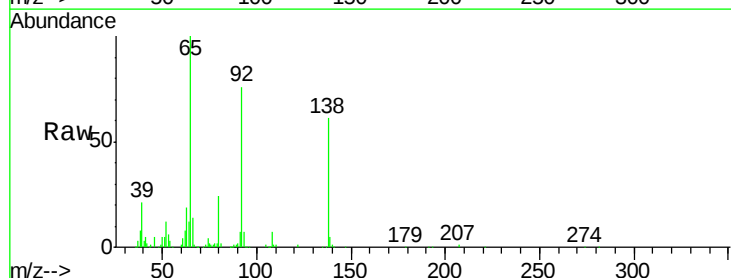
Tgt Ion:138 Resp: 159746

Ion Ratio Lower Upper

138 100

108 11.8 7.3 10.9#

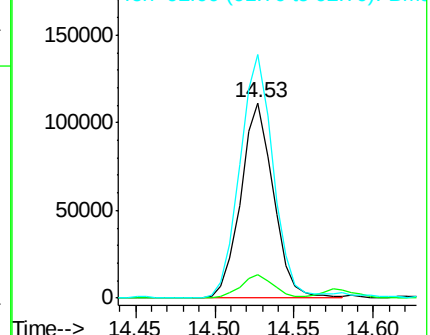
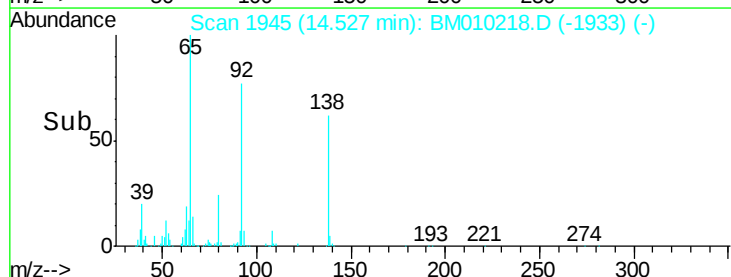
92 124.9 76.6 114.8#

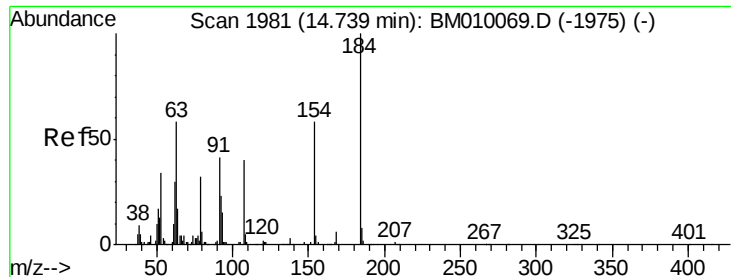


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

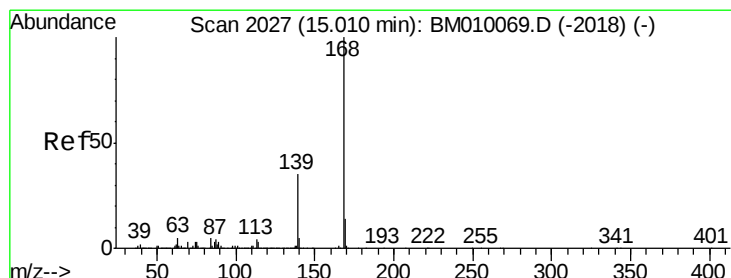
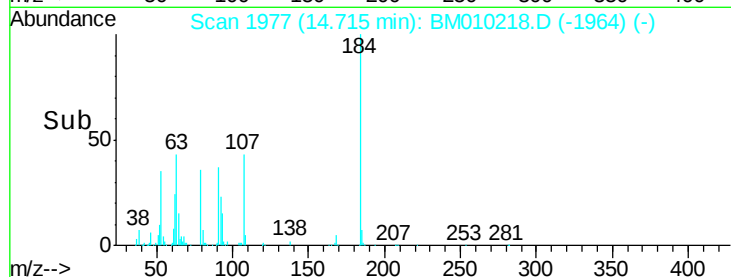
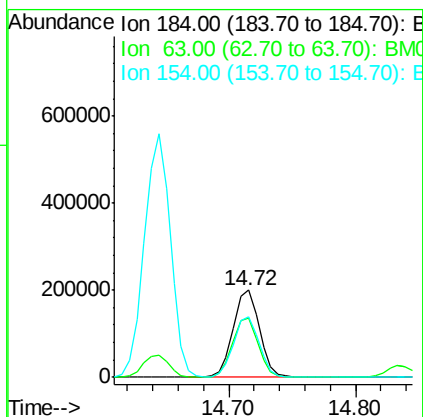
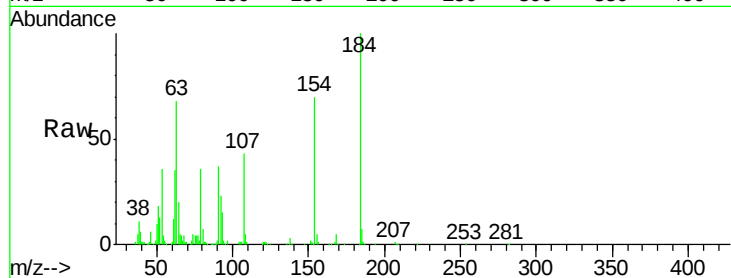




#53
2,4-Dinitrophenol
Concen: 96.20 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

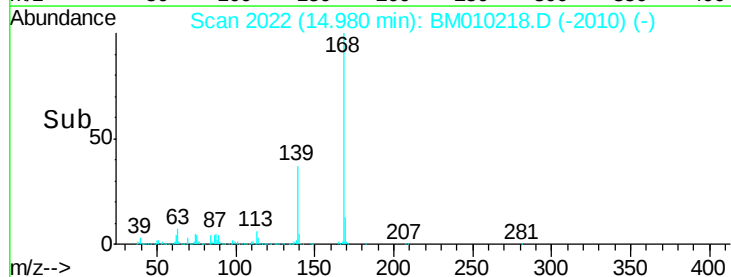
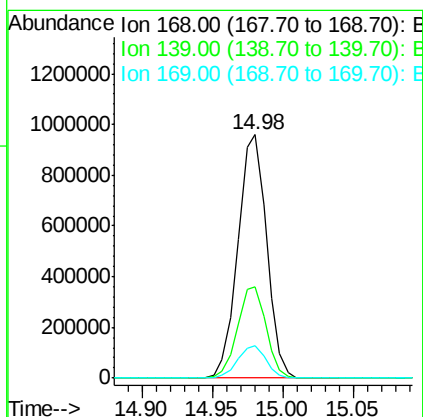
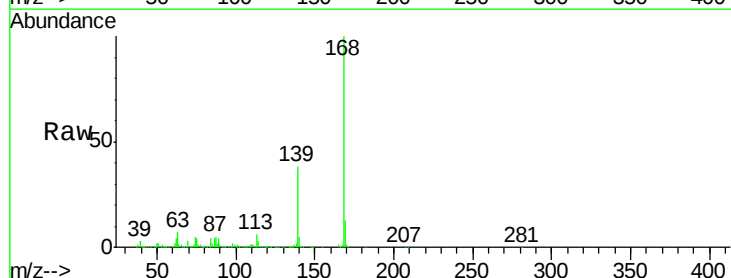
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

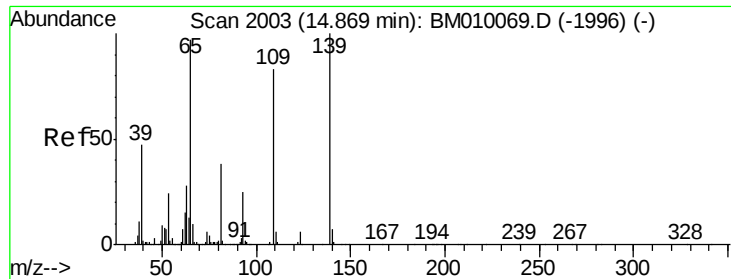
Tgt Ion:184 Resp: 287953
Ion Ratio Lower Upper
184 100
63 67.9 69.2 103.8#
154 69.6 53.3 79.9



#54
Dibenzofuran
Concen: 54.10 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:168 Resp: 1365062
Ion Ratio Lower Upper
168 100
139 37.6 27.3 40.9
169 13.1 10.6 16.0

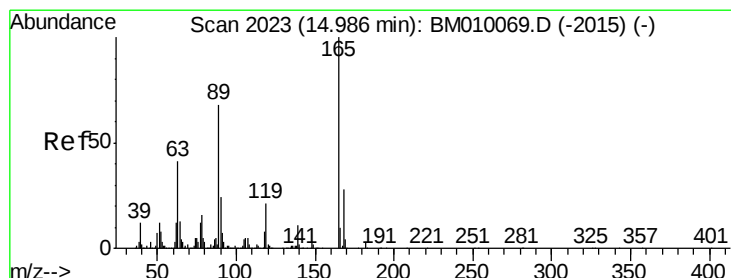
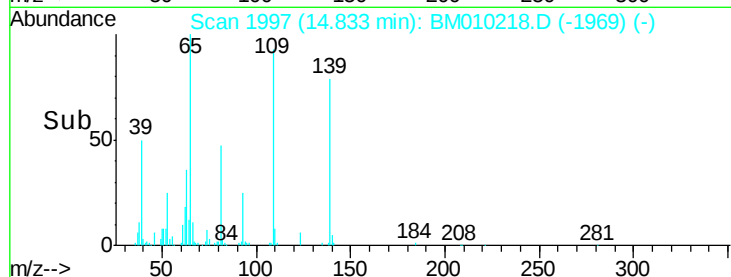
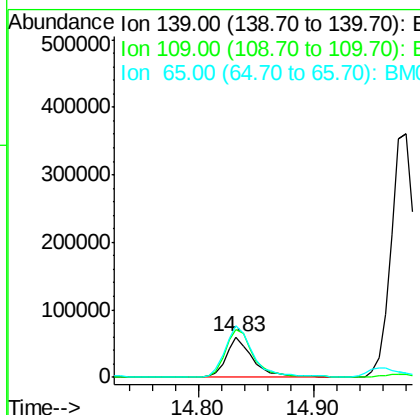
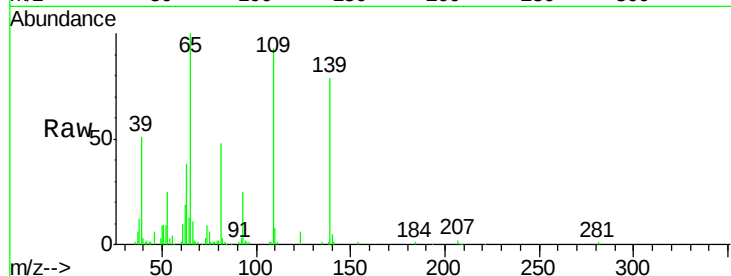




#55
4-Nitrophenol
Concen: 29.23 ng
RT: 14.83 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

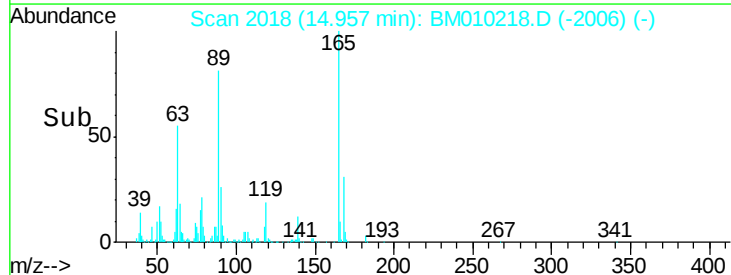
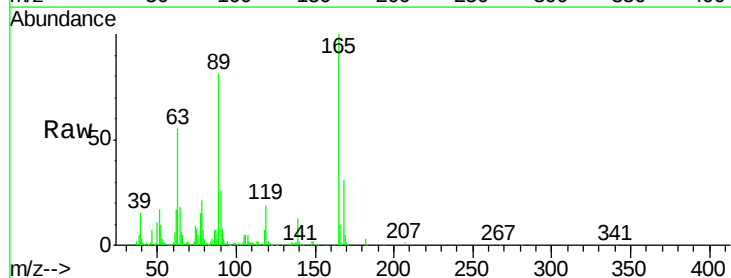
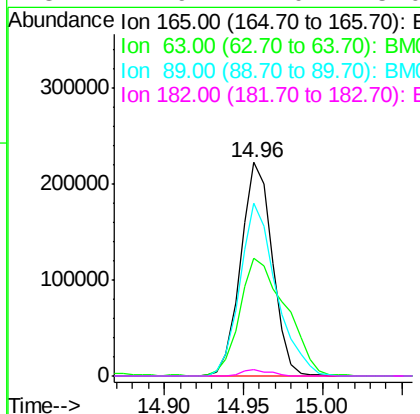
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

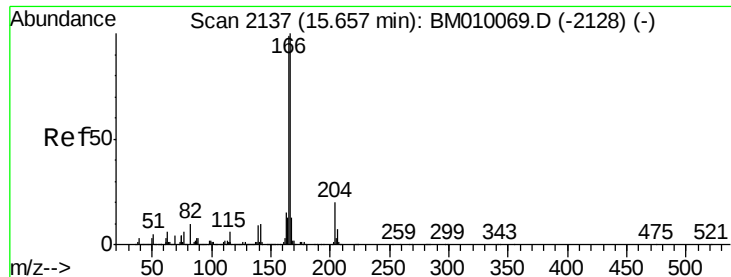
Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.9	37.7	77.7#
65	126.6	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 48.82 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	52.4	78.6
89	81.2	72.4	108.6
182	2.9	2.0	3.0

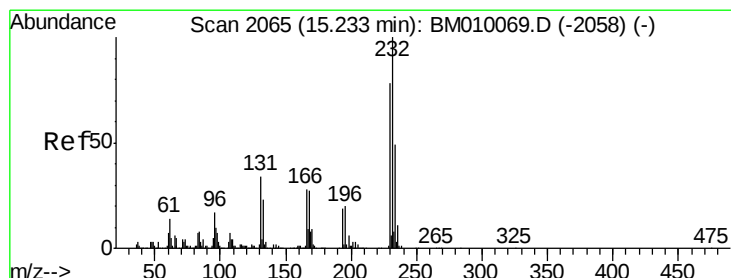
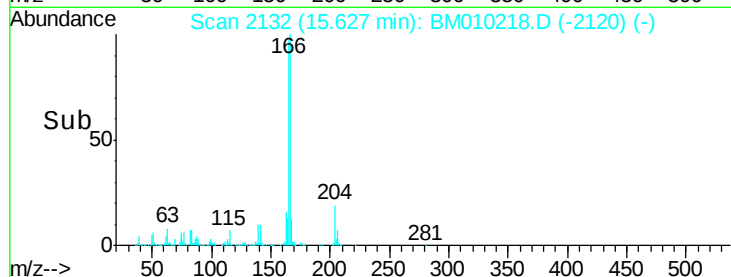
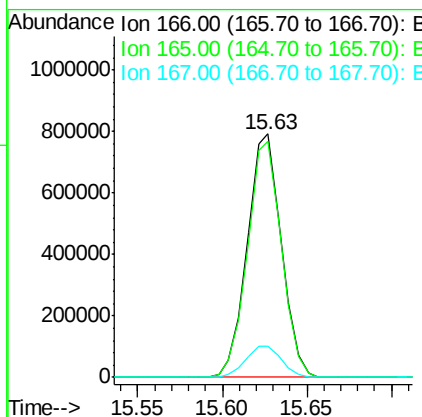
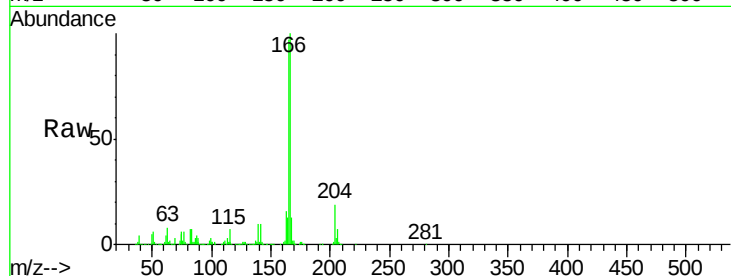




#57
 Fluorene
 Concen: 50.60 ng
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

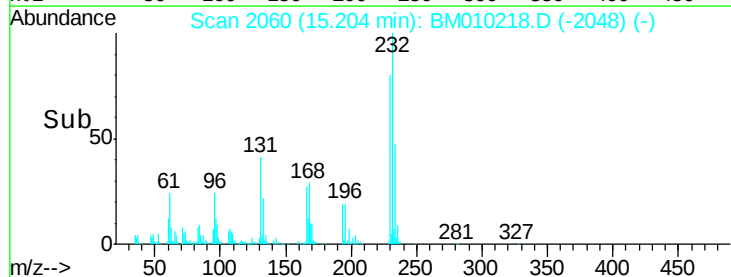
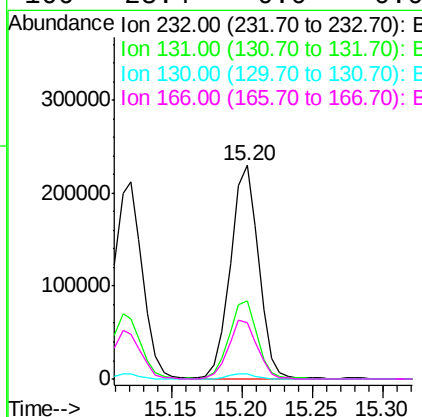
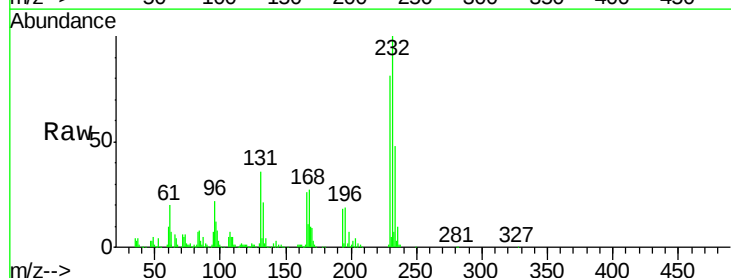
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

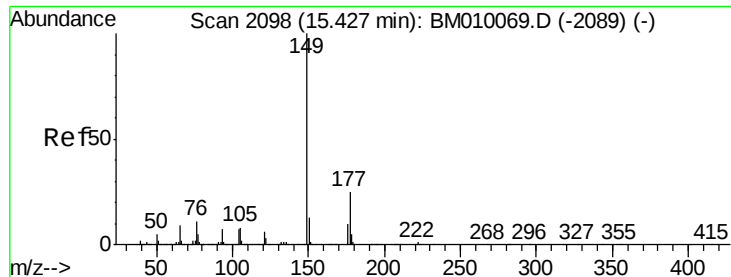
Tgt Ion:166 Resp: 1110252
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.0 118.4
 167 13.0 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.85 ng
 RT: 15.20 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:232 Resp: 317748
 Ion Ratio Lower Upper
 232 100
 131 36.7 0.0 0.0#
 130 2.4 0.0 0.0#
 166 28.4 0.0 0.0#

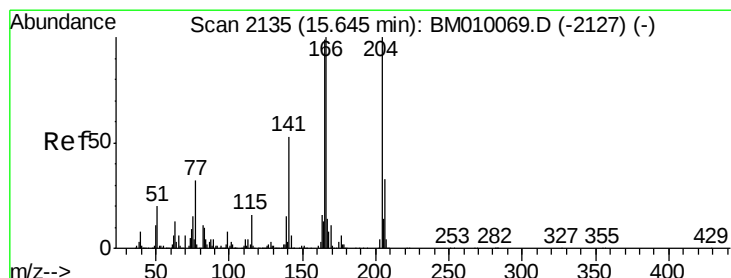
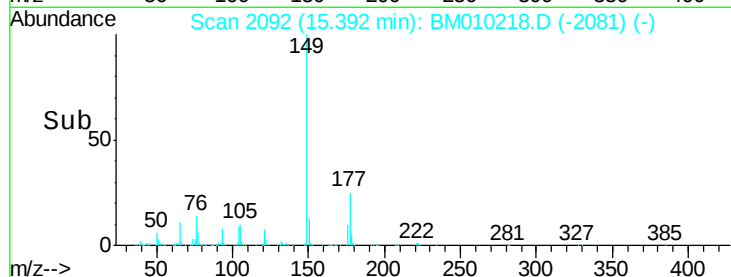
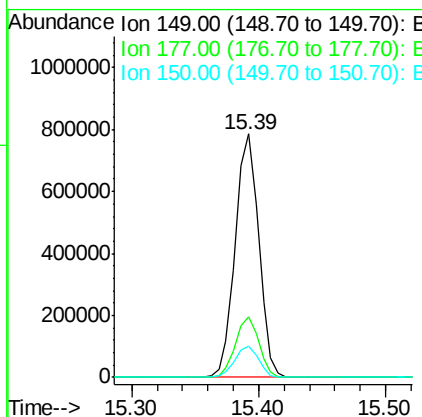
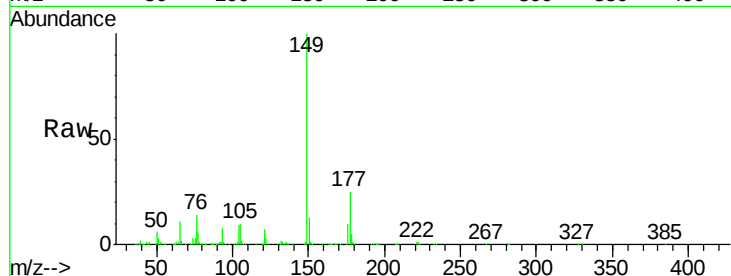




#59
Diethylphthalate
Concen: 45.41 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

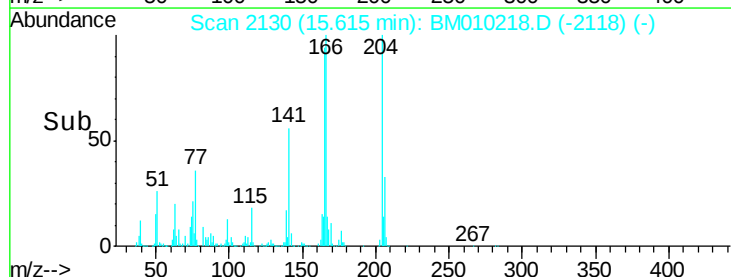
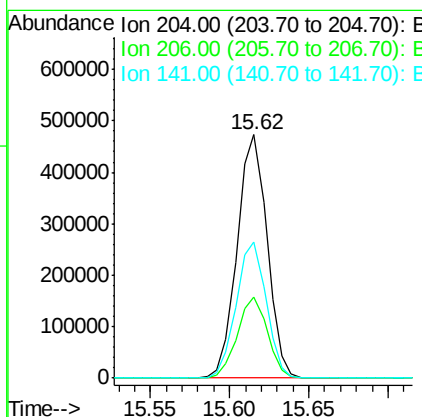
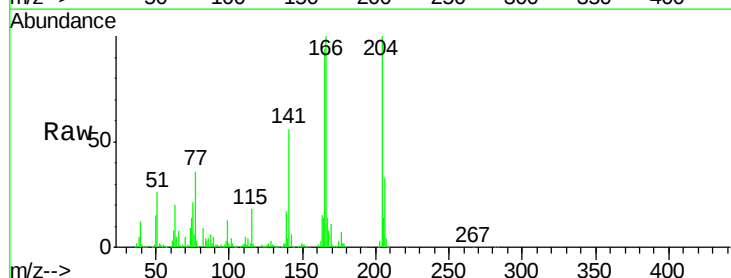
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

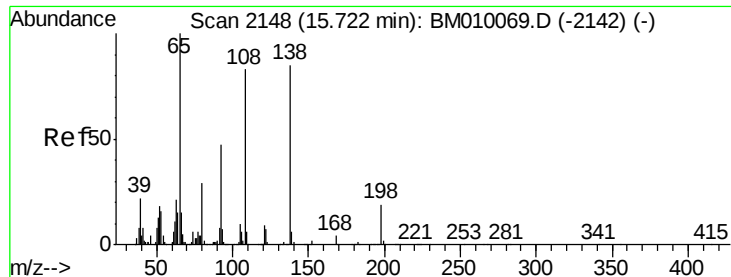
Tgt Ion:149 Resp: 1004006
Ion Ratio Lower Upper
149 100
177 24.7 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 50.37 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:204 Resp: 620479
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 56.1 45.2 67.8

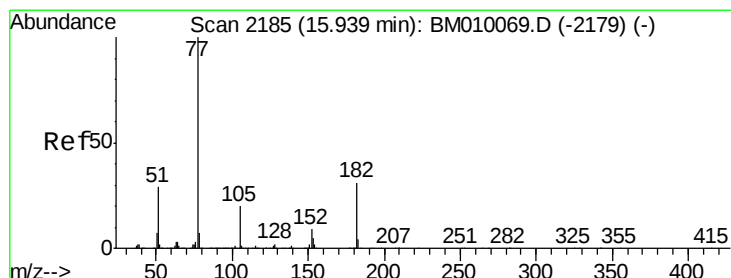
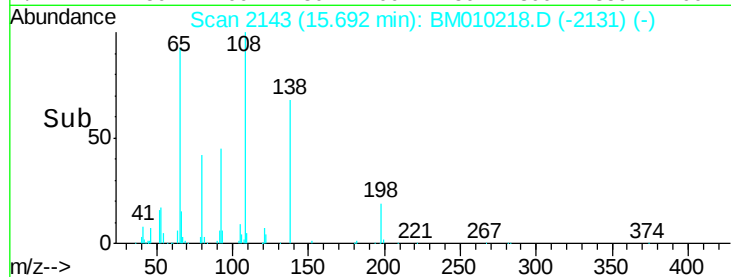
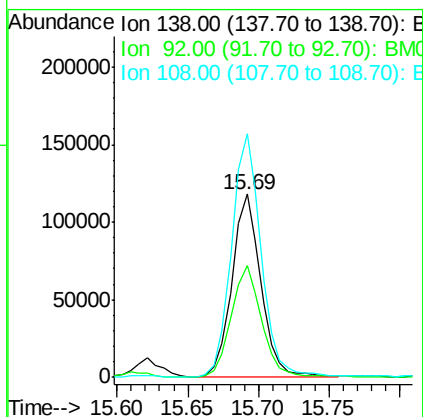
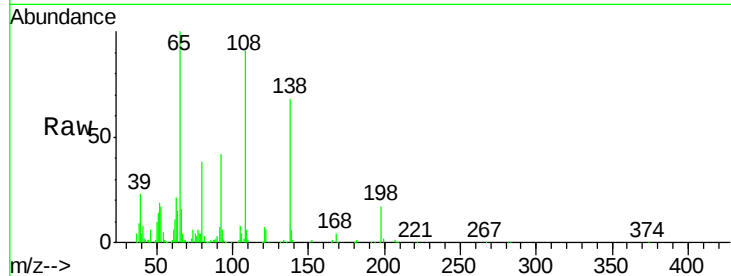




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

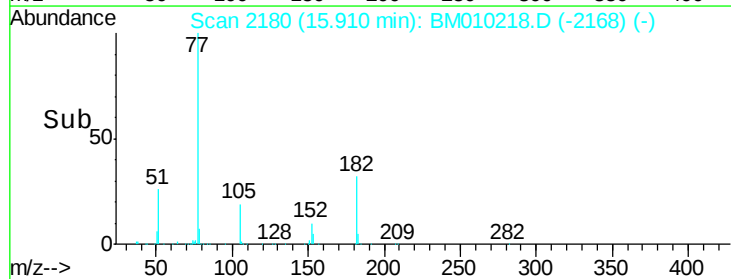
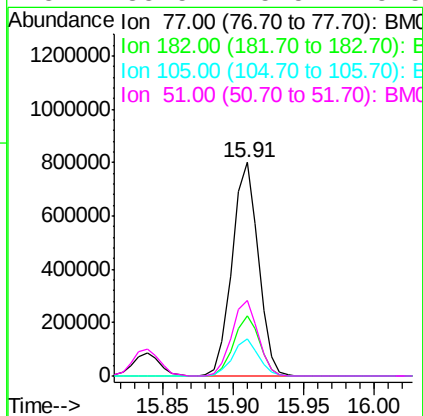
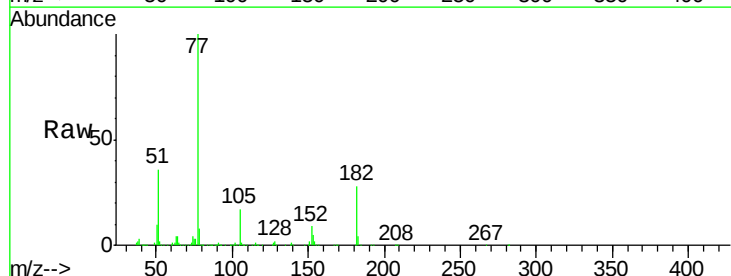
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

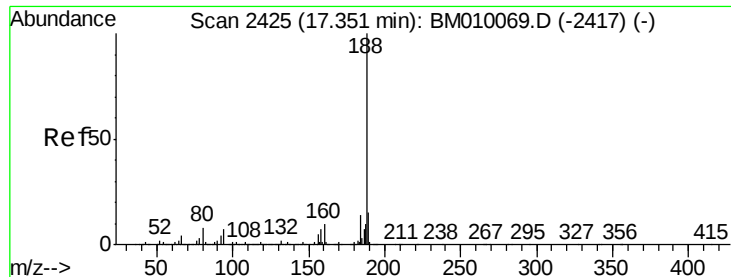
Tgt Ion: 138 Resp: 169831
Ion Ratio Lower Upper
138 100
92 60.9 16.7 56.7#
108 133.0 37.6 77.6#



#62
Azobenzene
Concen: 63.74 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion: 77 Resp: 1036258
Ion Ratio Lower Upper
77 100
182 28.3 6.5 46.5
105 17.1 3.8 43.8
51 35.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

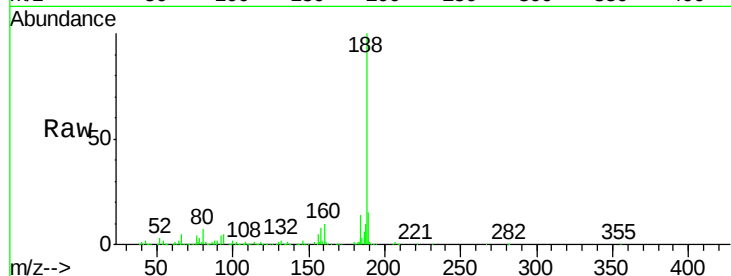
Tgt Ion:188 Resp: 597133

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

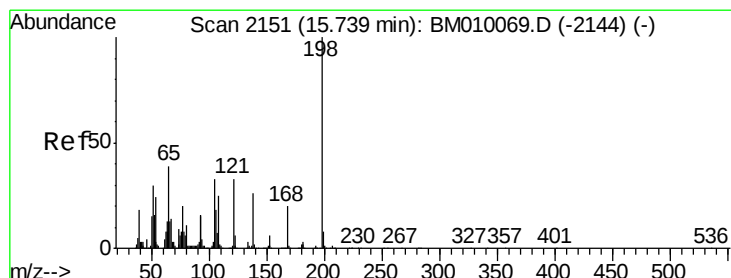
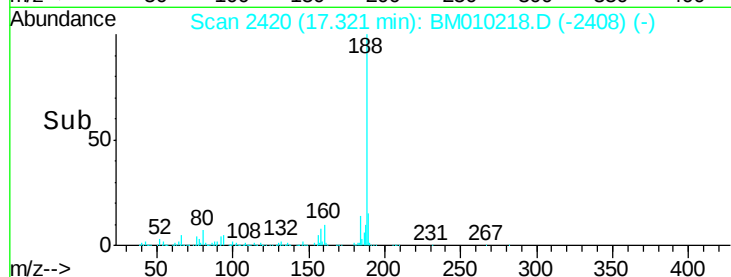
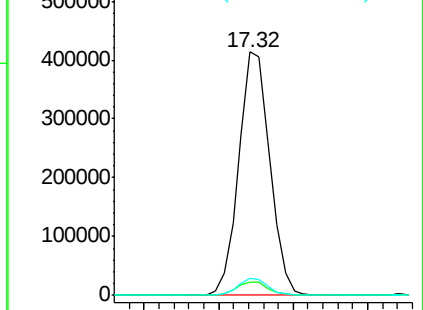
80 7.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.53 ng

RT: 15.71 min Scan# 2146

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

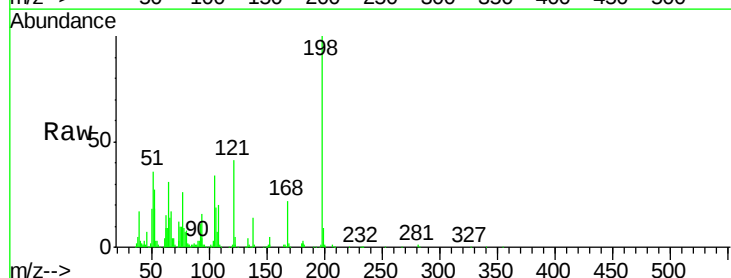
Tgt Ion:198 Resp: 191616

Ion Ratio Lower Upper

198 100

51 35.9 28.8 68.8

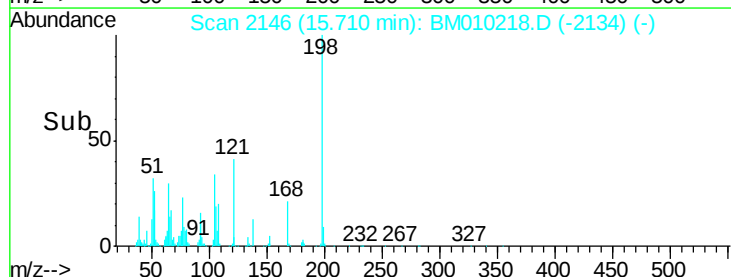
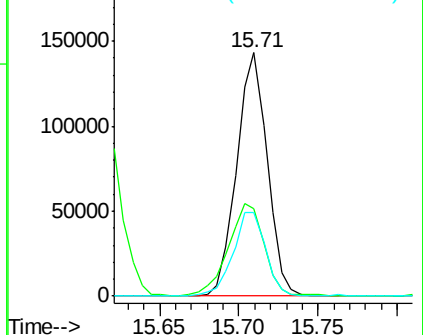
105 34.3 30.5 70.5

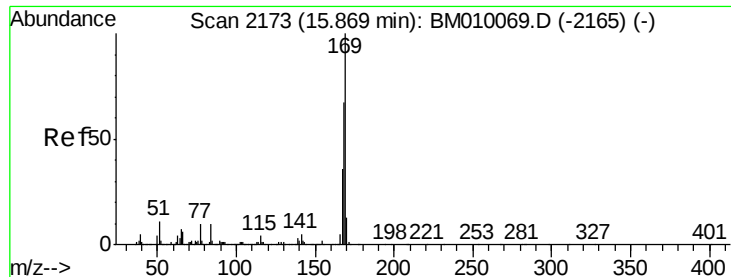


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

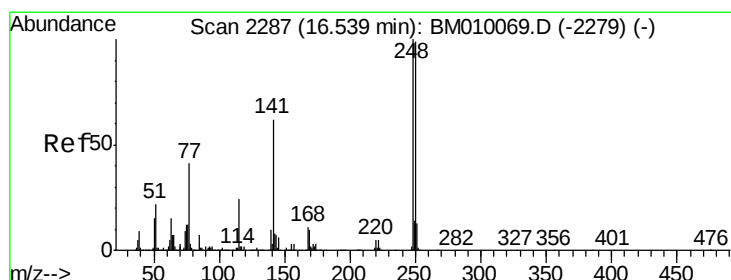
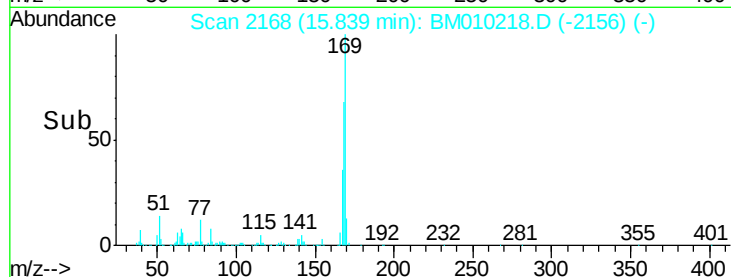
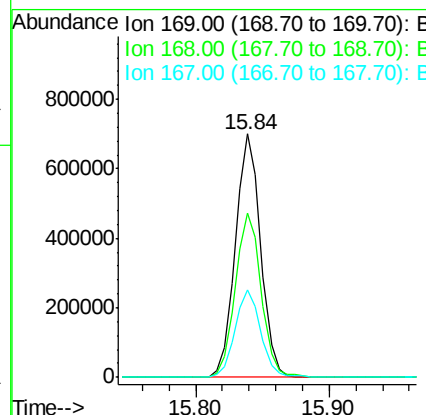
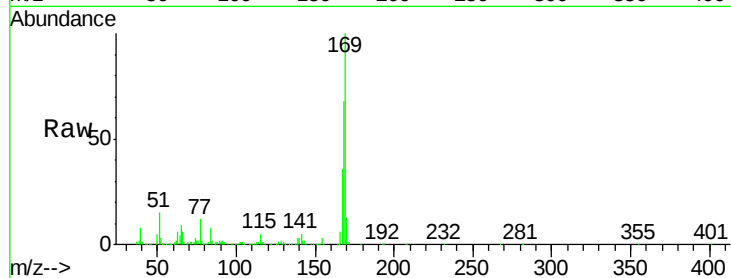




#65
 n-Nitrosodiphenylamine
 Concen: 51.78 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

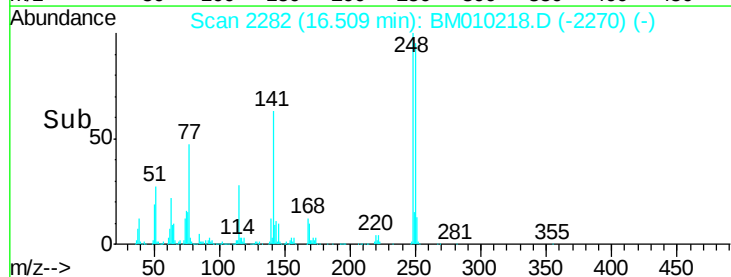
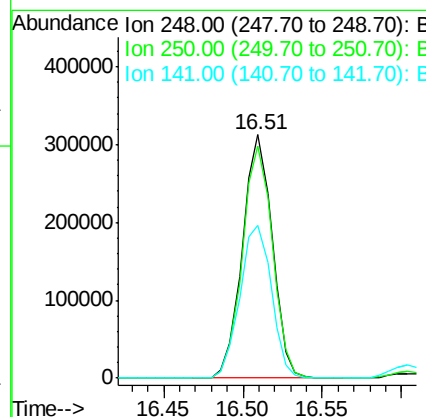
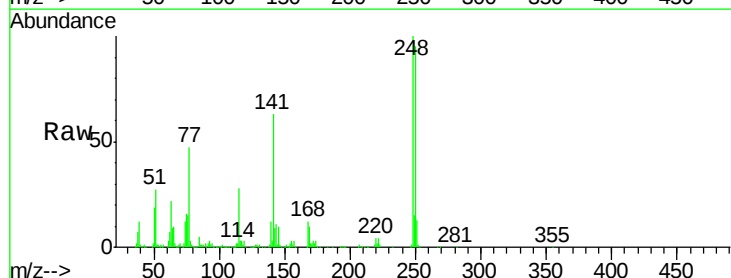
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

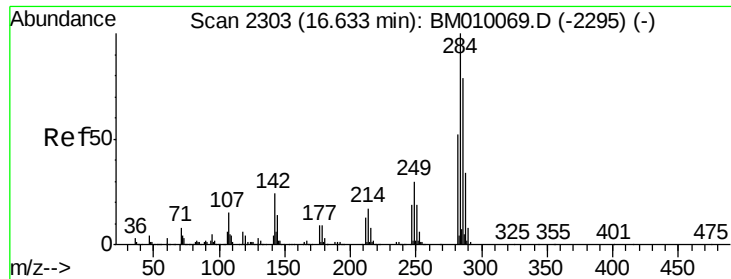
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.9	80.9
167	36.0	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 53.40 ng
 RT: 16.51 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.0
141	62.6	45.2	67.8

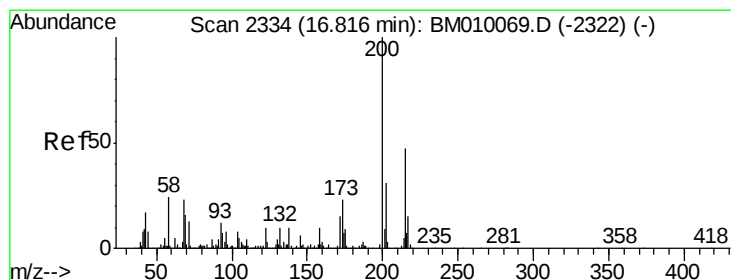
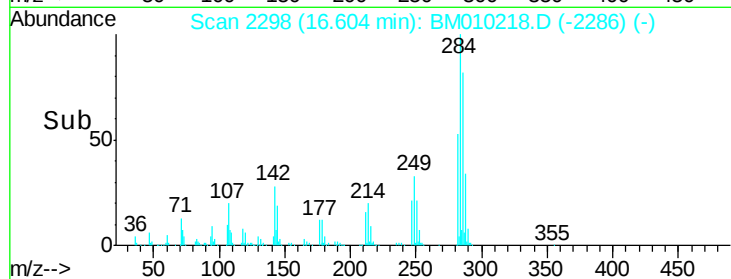
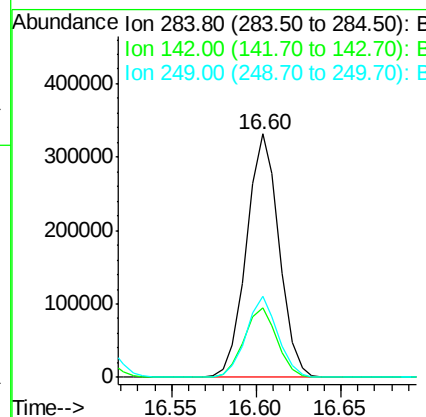
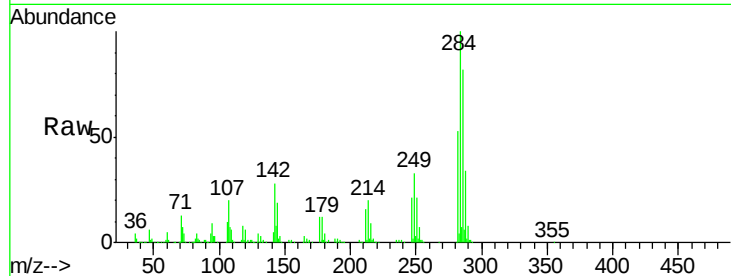




#67
Hexachlorobenzene
Concen: 47.92 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

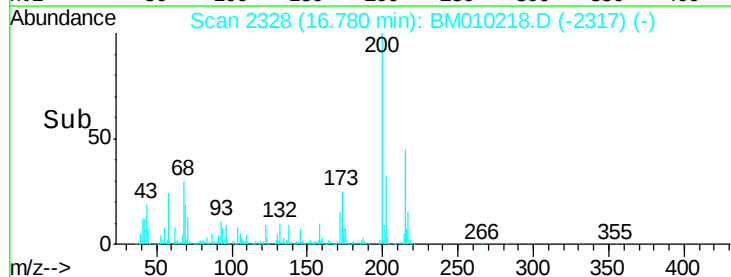
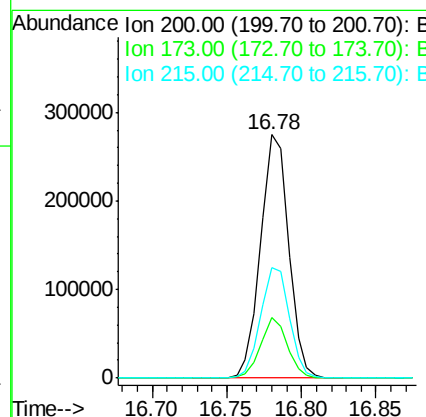
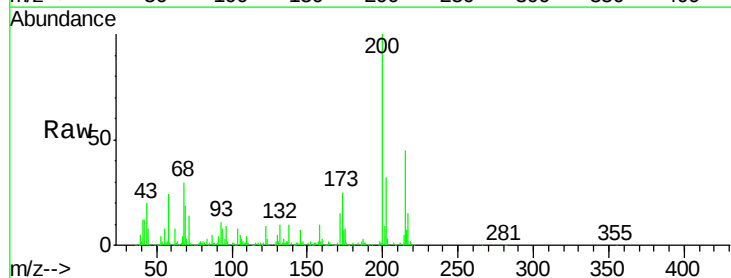
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

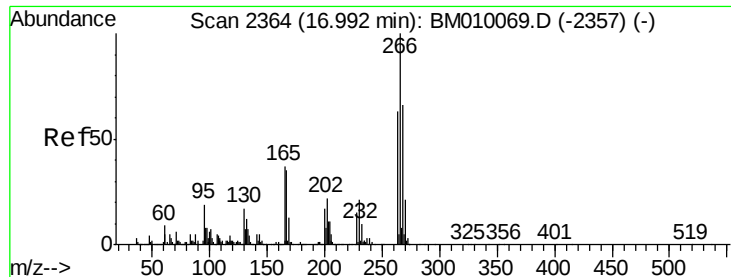
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	20.4	30.6
249	33.5	23.8	35.6



#68
Atrazine
Concen: 52.61 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.8	44.8
215	45.4	26.9	66.9





#69

Pentachlorophenol

Concen: 104.77 ng

RT: 16.97 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

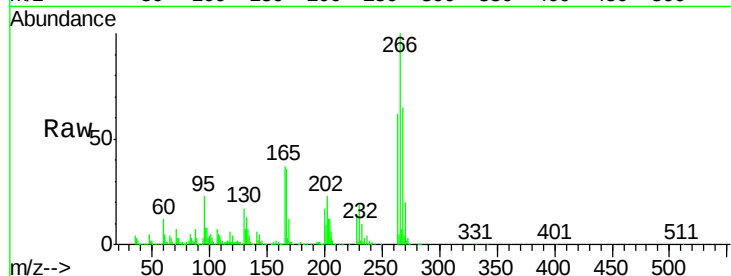
Tgt Ion:266 Resp: 534439

Ion Ratio Lower Upper

266 100

268 64.6 52.0 78.0

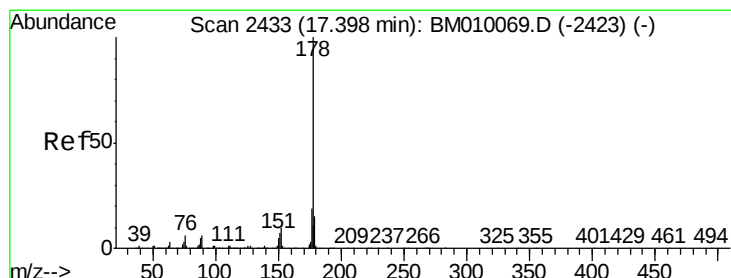
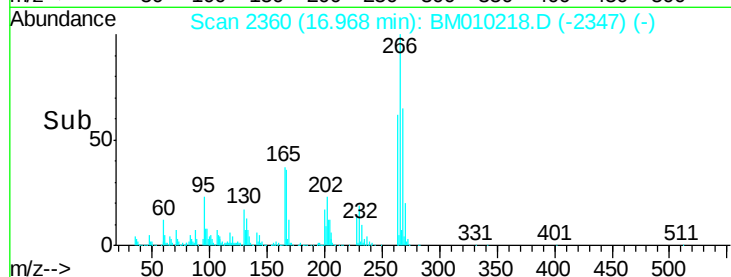
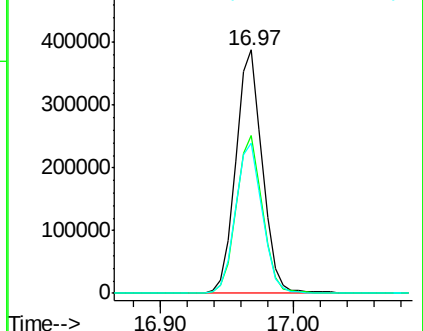
264 61.6 49.0 73.4



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: 50.10 ng

RT: 17.37 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

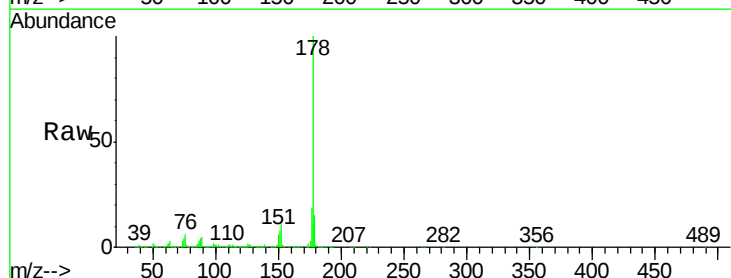
Tgt Ion:178 Resp: 1673939

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

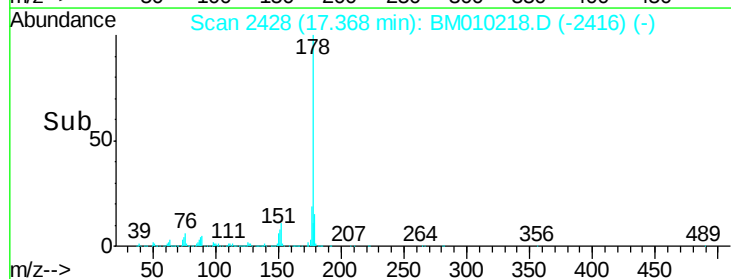
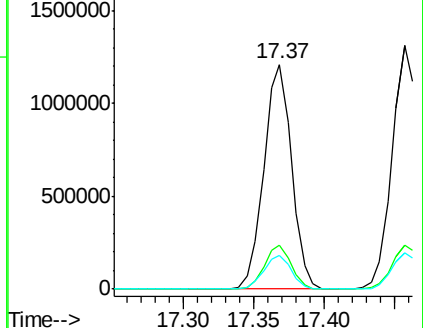
179 15.2 12.1 18.1

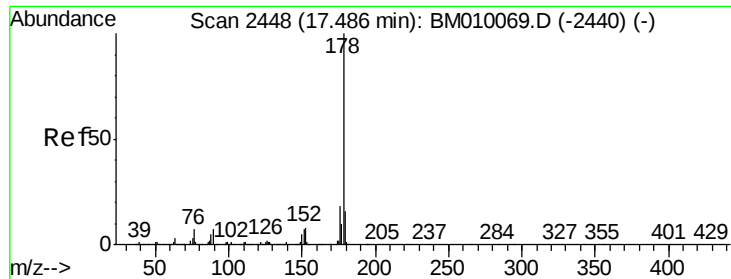


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

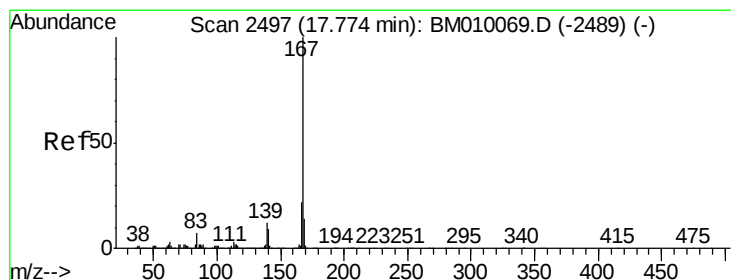
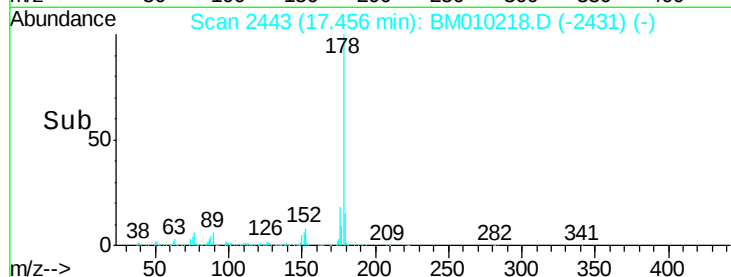
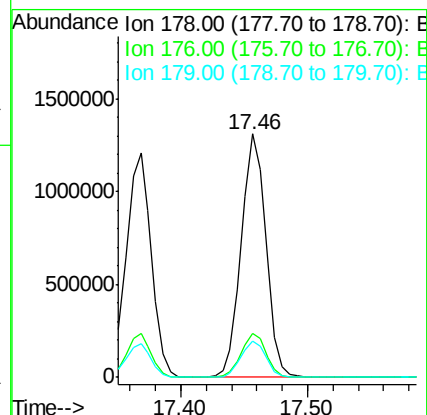
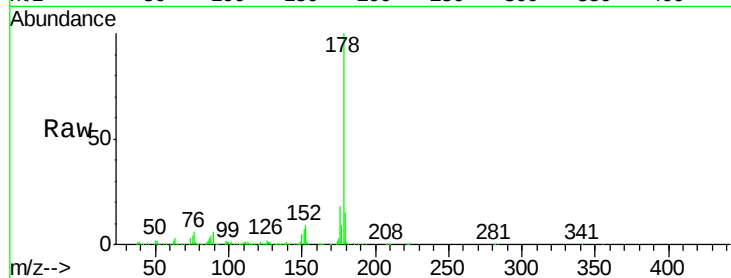




#71
 Anthracene
 Concen: 52.92 ng
 RT: 17.46 min Scan# 2443
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

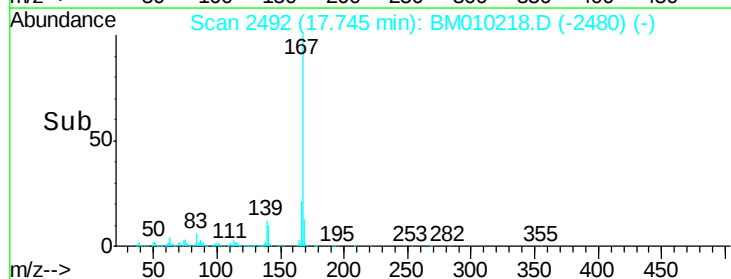
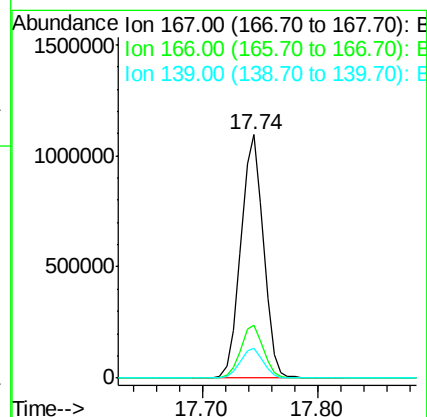
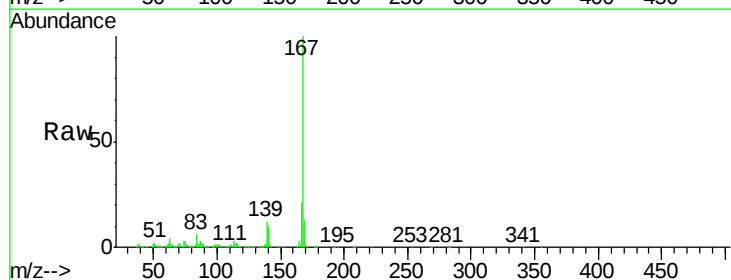
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

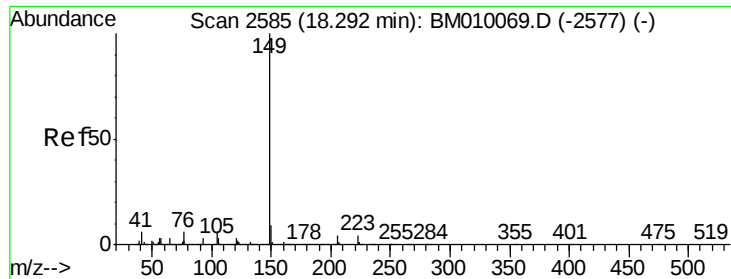
Tgt Ion:178 Resp: 1754582
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 50.69 ng
 RT: 17.74 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:167 Resp: 1487965
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 47.33 ng

RT: 18.26 min Scan# 2580

Delta R.T. -0.03 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

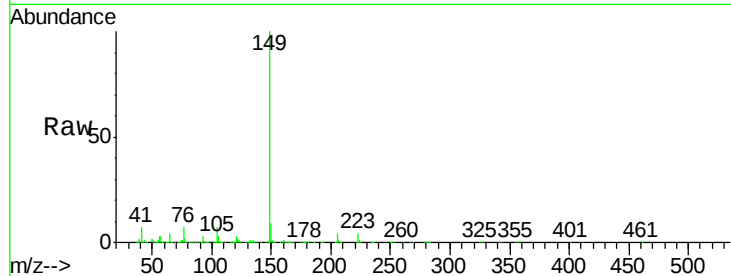
Tgt Ion:149 Resp: 1647277

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

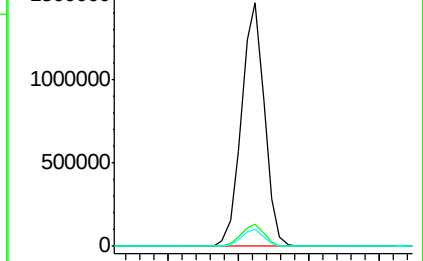
104 6.9 3.7 5.5#



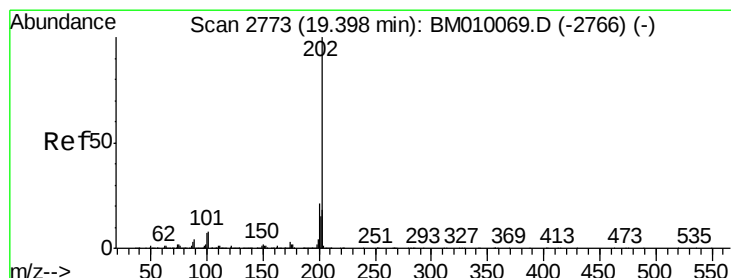
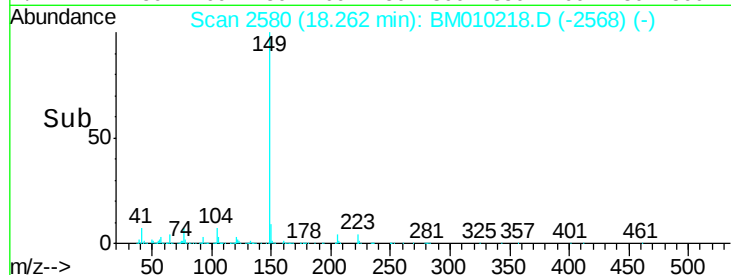
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 50.06 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

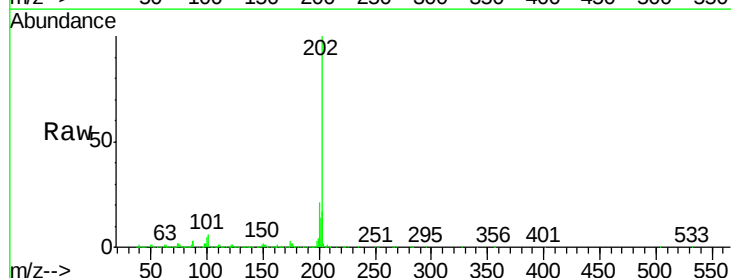
Tgt Ion:202 Resp: 2171607

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.7

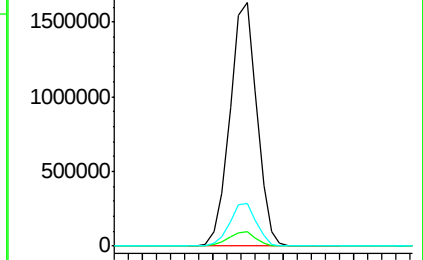
203 17.4 0.0 37.2



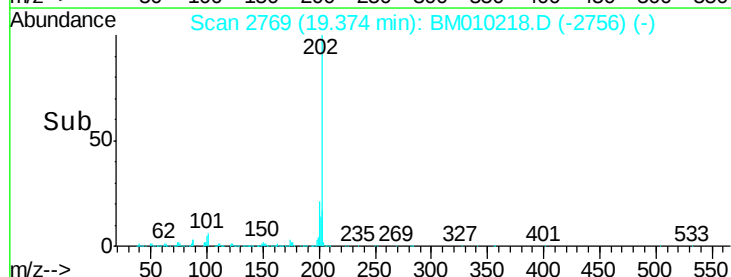
Abundance Ion 202.00 (201.70 to 202.70): E

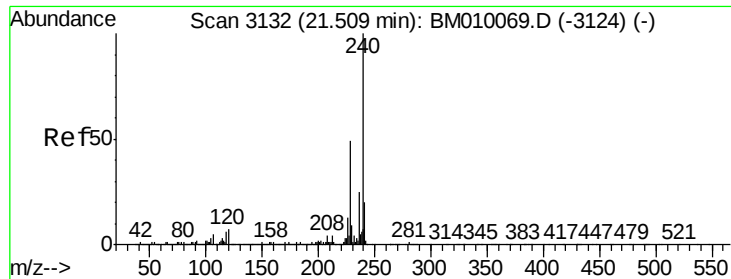
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

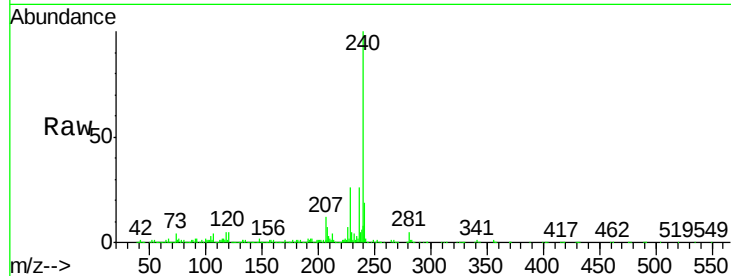
Tgt Ion:240 Resp: 913128

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

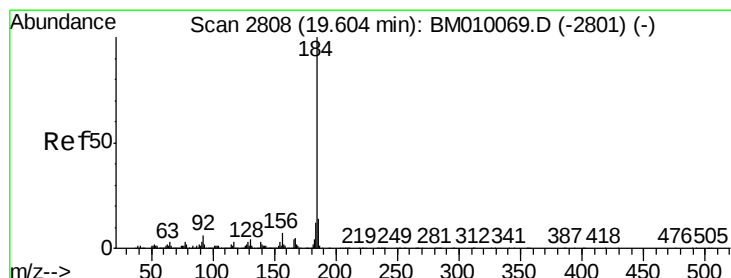
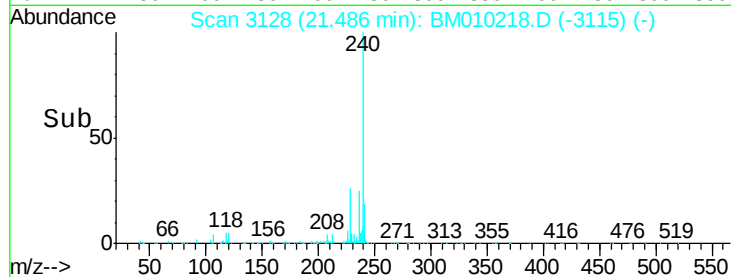
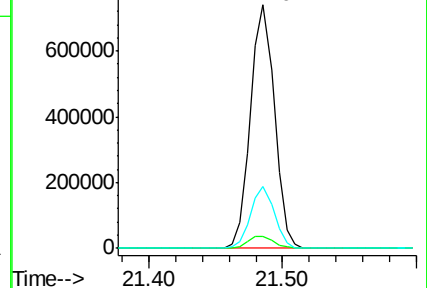
236 25.5 20.0 30.0



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: 16.71 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

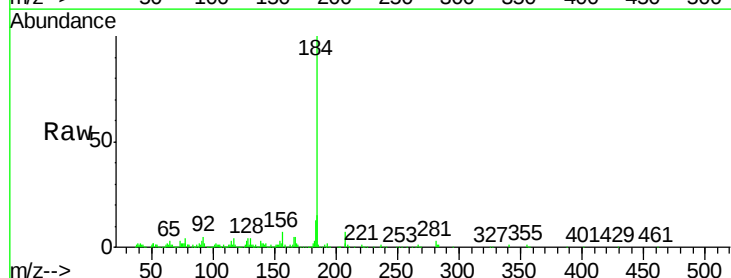
Tgt Ion:184 Resp: 281446

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

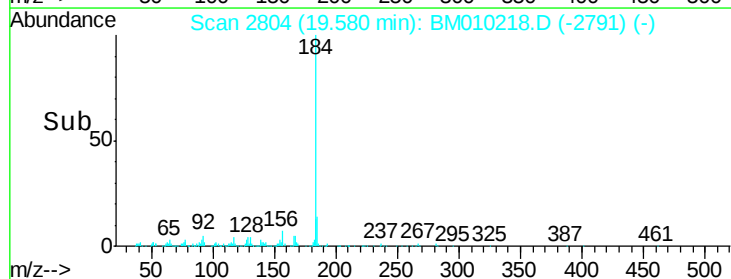
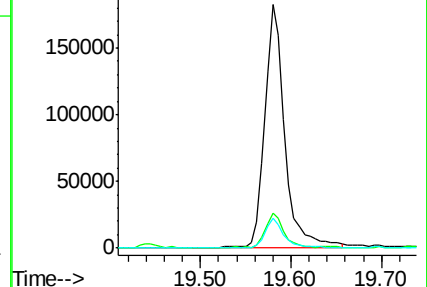
183 12.5 8.9 13.3

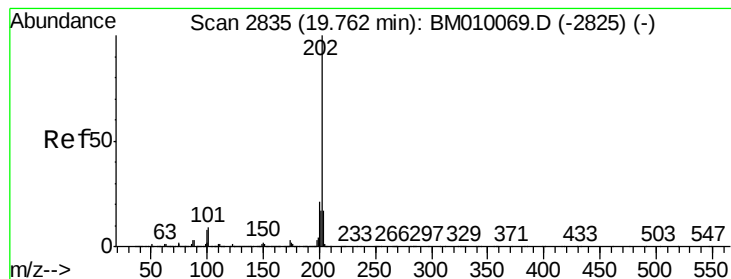


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.32 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

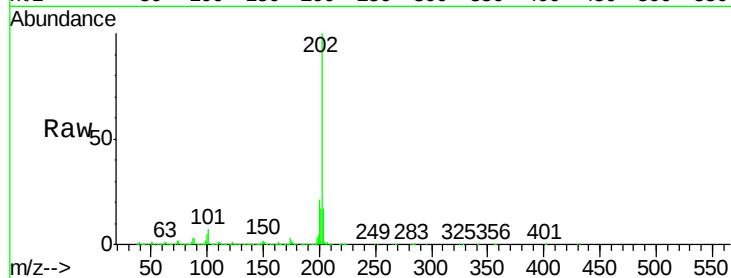
BNA_M

ClientSampleId :

RAV-GT-104MS

Tgt Ion:202 Resp: 2267442

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.1	14.1	21.1

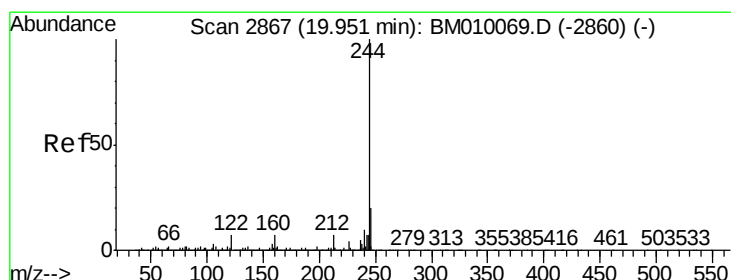
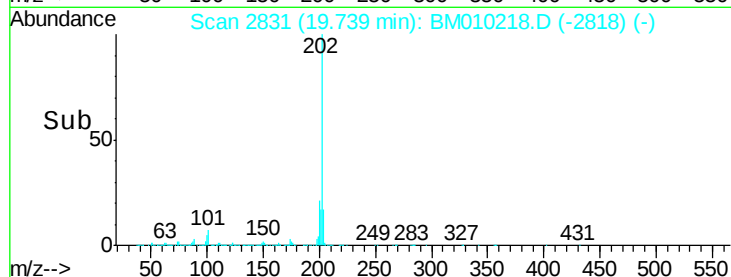
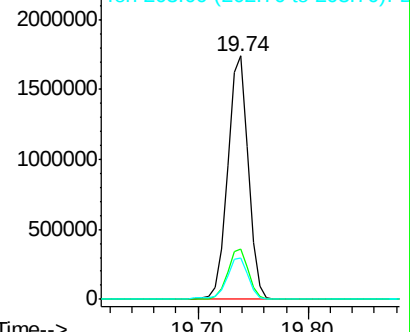


Abundance

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: 86.48 ng

RT: 19.93 min Scan# 2863

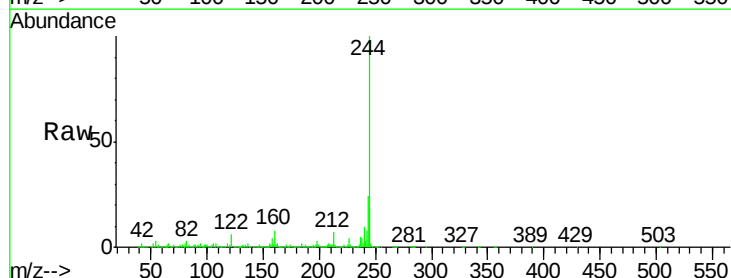
Delta R.T. -0.02 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Tgt Ion:244 Resp: 3472917

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	5.9	6.2	9.4

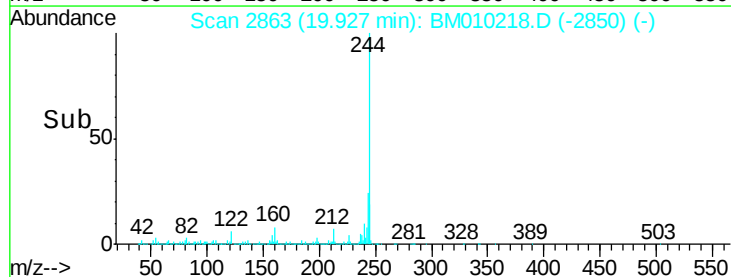
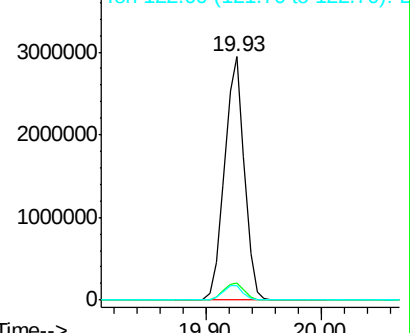


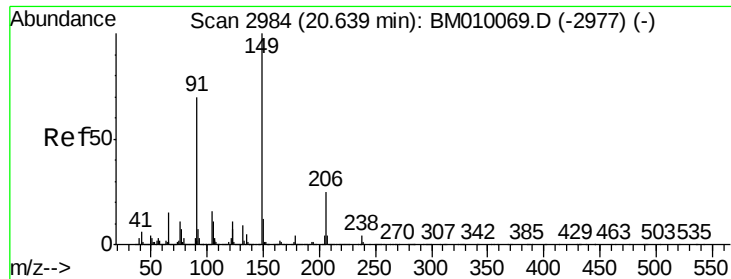
Abundance

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

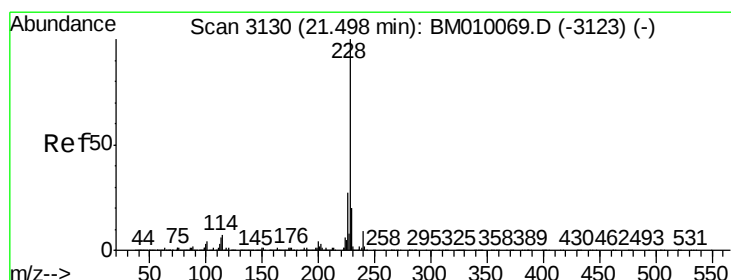
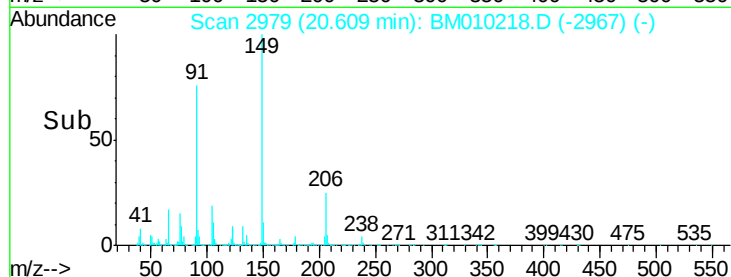
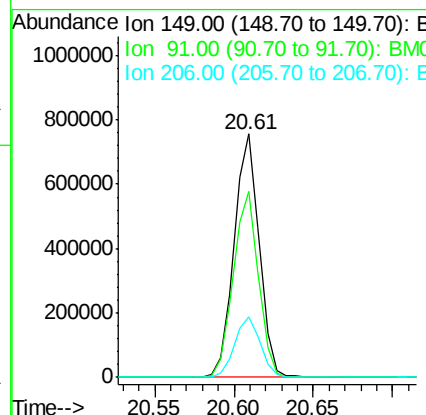
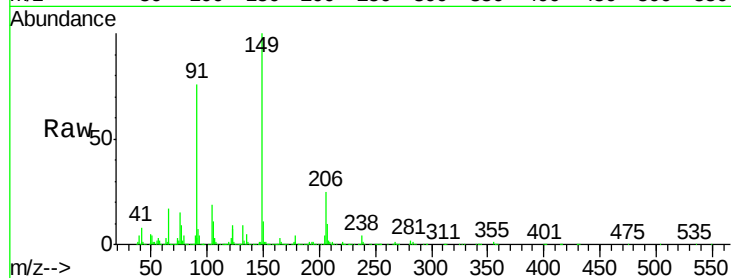




#79
Butylbenzylphthalate
Concen: 45.35 ng
RT: 20.61 min Scan# 2979
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

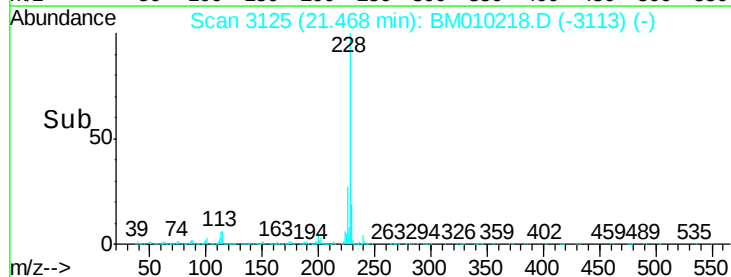
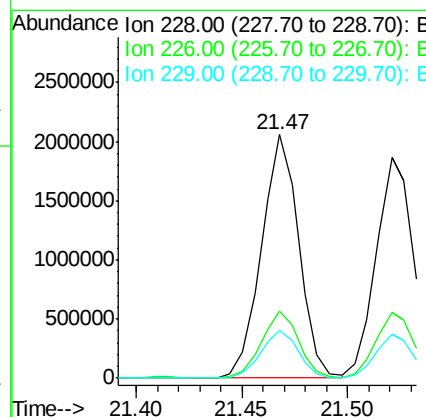
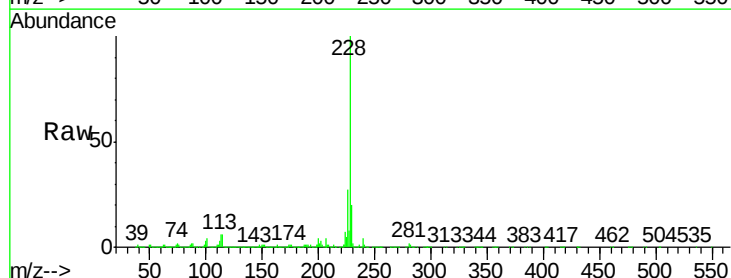
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

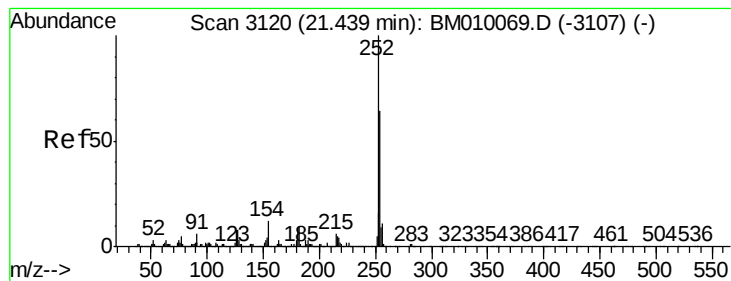
Tgt Ion:149 Resp: 821849
Ion Ratio Lower Upper
149 100
91 76.2 50.1 75.1#
206 25.1 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 50.21 ng
RT: 21.47 min Scan# 3125
Delta R.T. -0.03 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:228 Resp: 2526704
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.5 16.0 24.0

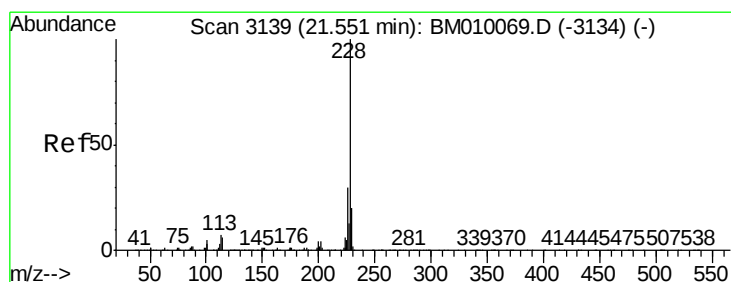
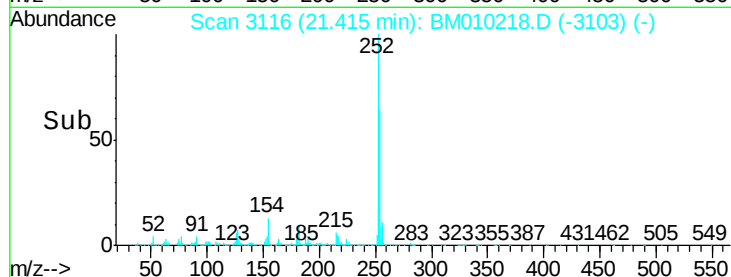
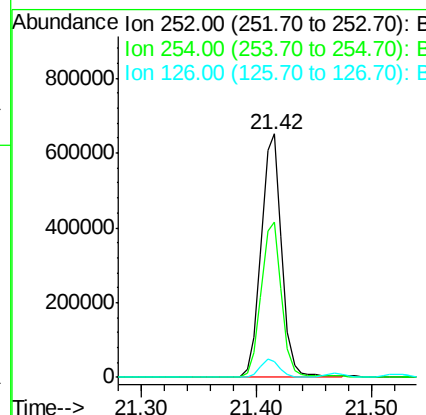
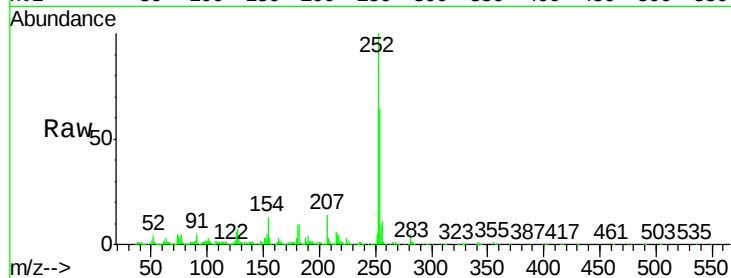




#81
 3,3'-Dichlorobenzidine
 Concen: 39.85 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

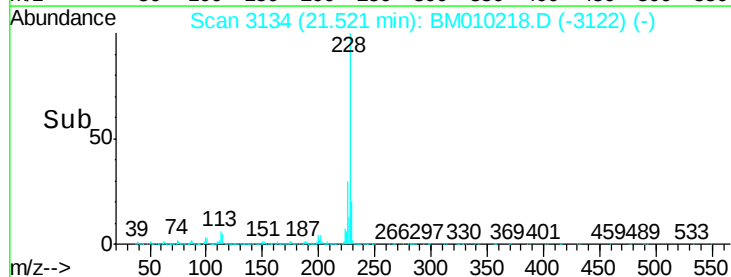
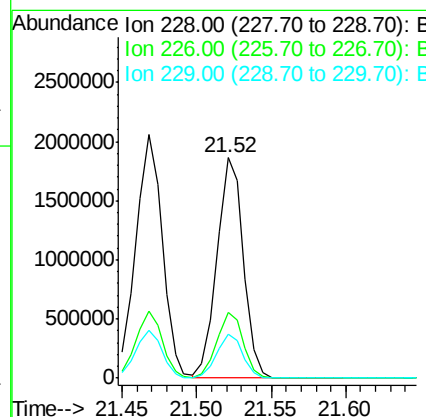
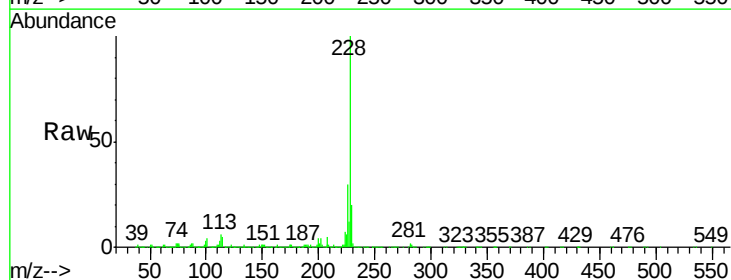
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

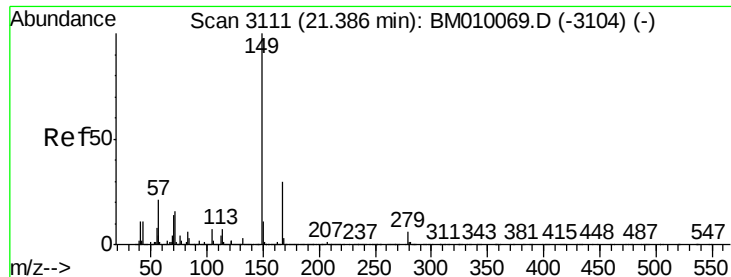
Tgt Ion: 252 Resp: 806650
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.9 77.9
 126 6.2 9.8 14.8#



#82
 Chrysene
 Concen: 48.16 ng
 RT: 21.52 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion: 228 Resp: 2298663
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 20.0 15.5 23.3

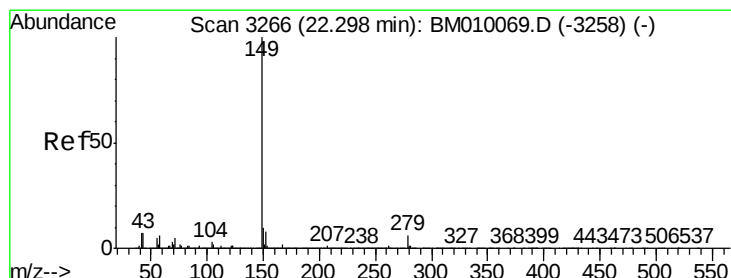
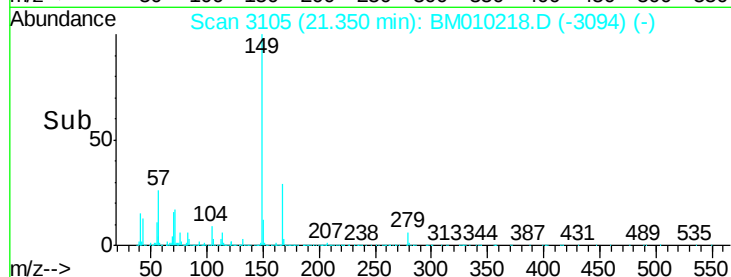
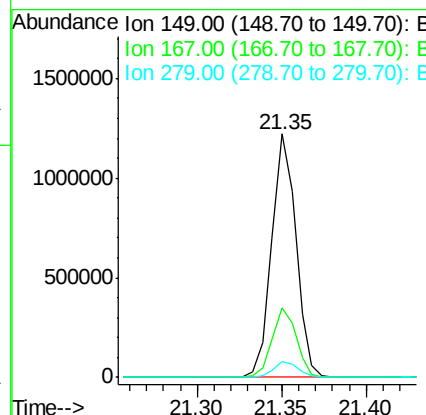
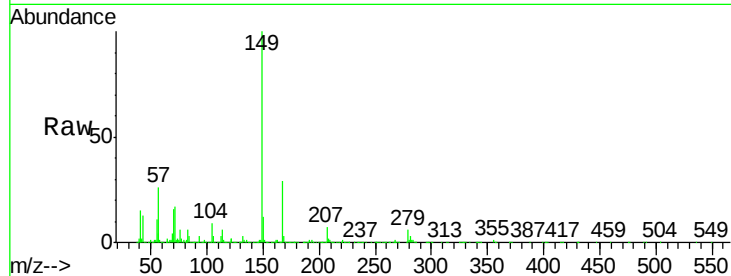




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.70 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.04 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

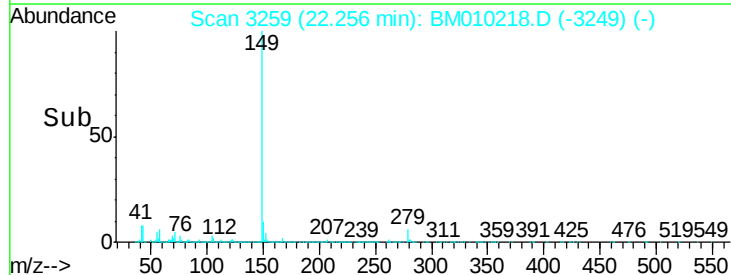
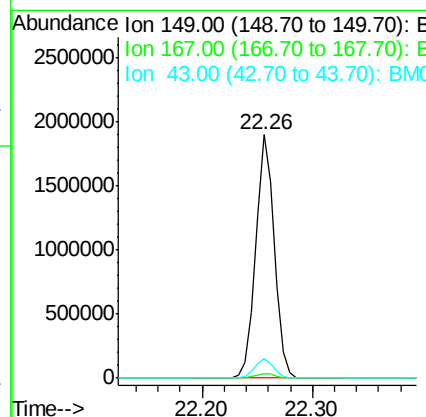
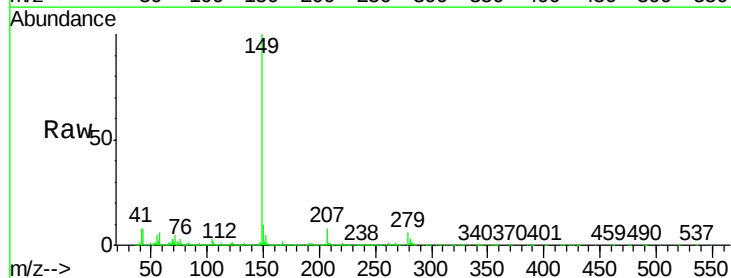
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MS

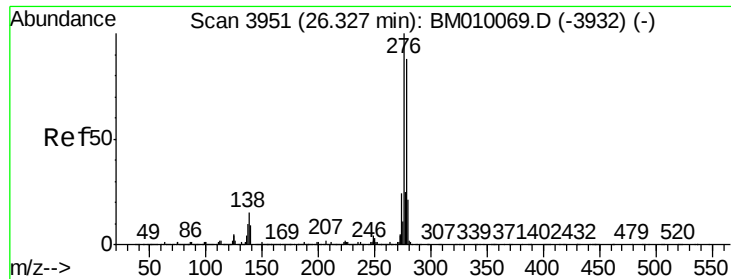
Tgt Ion:149 Resp: 1211375
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.4 33.6
 279 6.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 45.73 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010218.D
 Acq: 25 May 2017 15:44

Tgt Ion:149 Resp: 2219033
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.4 7.3 10.9

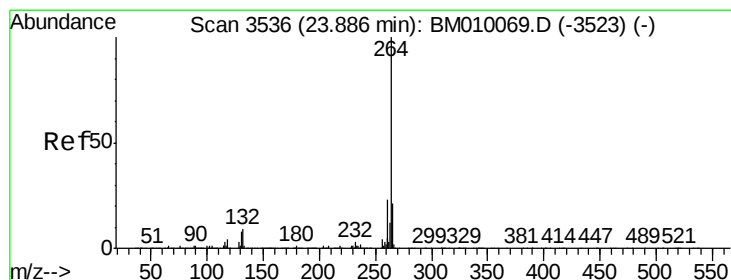
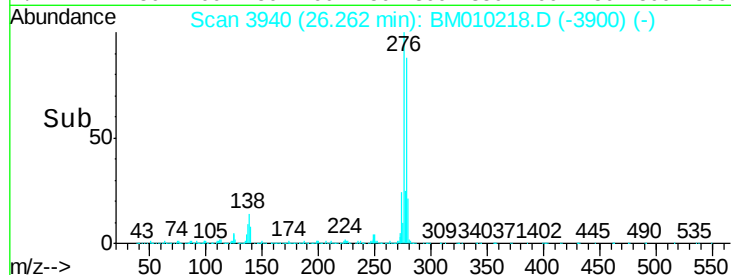
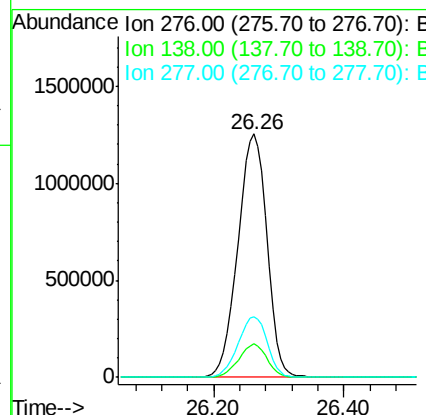
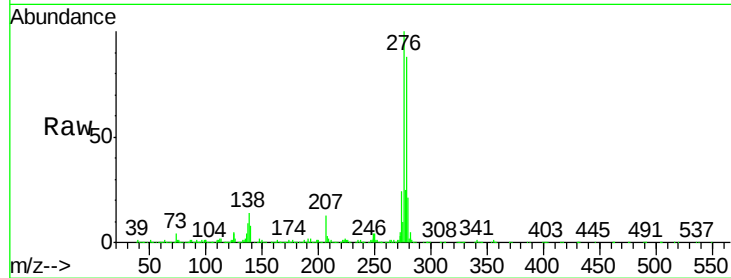




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.48 ng
RT: 26.26 min Scan# 3940
Delta R.T. -0.06 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

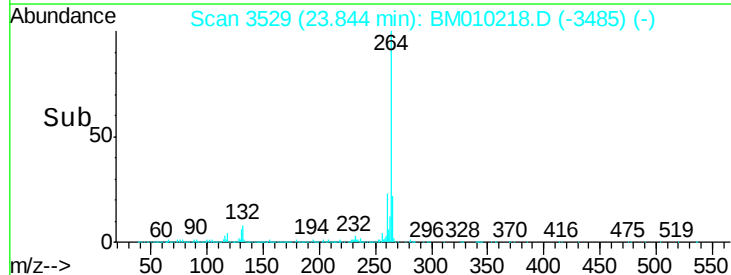
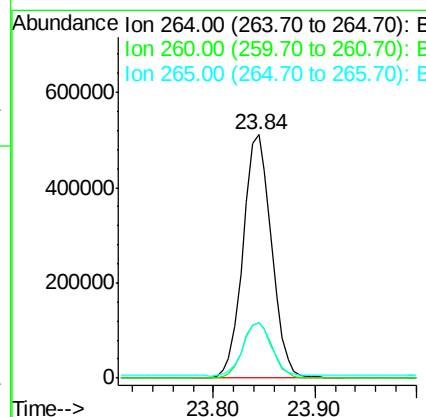
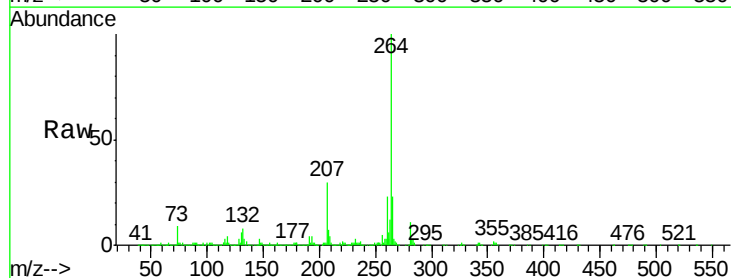
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MS

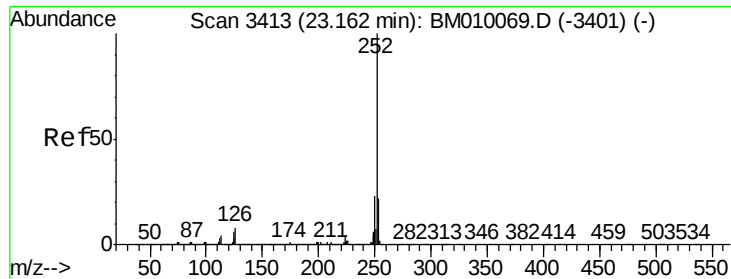
Tgt Ion:276 Resp: 3882928
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0#
277 25.1 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010218.D
Acq: 25 May 2017 15:44

Tgt Ion:264 Resp: 999094
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 22.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 50.11 ng

RT: 23.12 min Scan# 3406

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

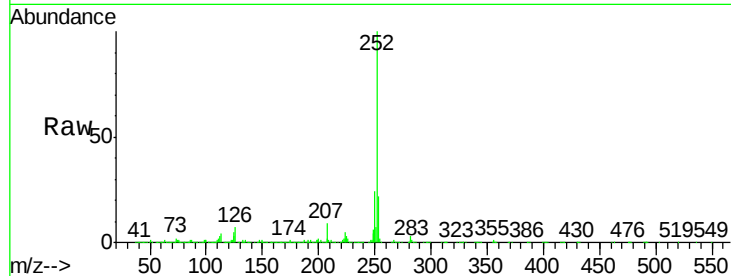
Tgt Ion:252 Resp: 2929983

Ion Ratio Lower Upper

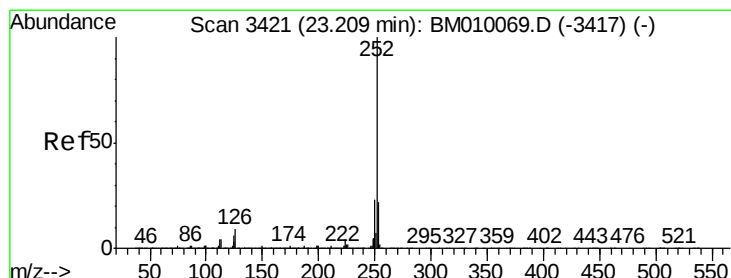
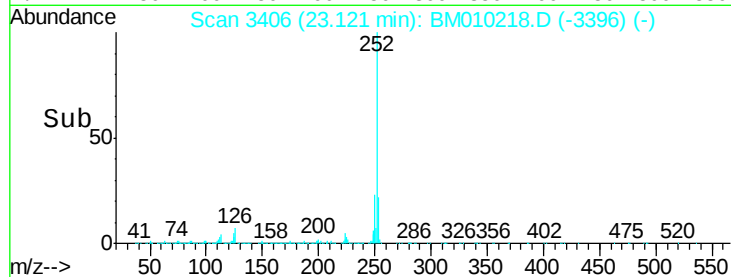
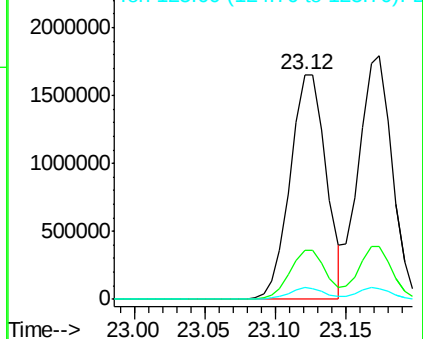
252 100

253 21.7 18.0 27.0

125 5.2 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 51.28 ng

RT: 23.17 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

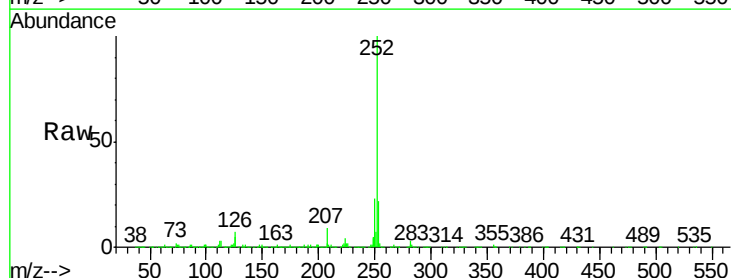
Tgt Ion:252 Resp: 2937590

Ion Ratio Lower Upper

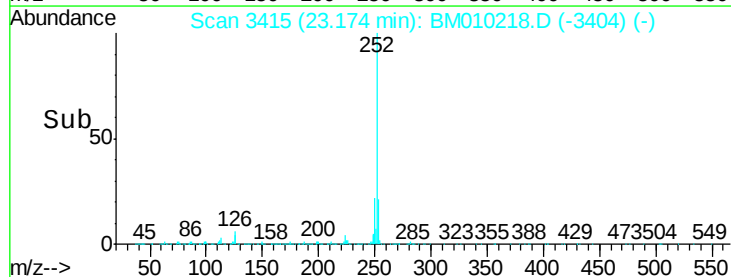
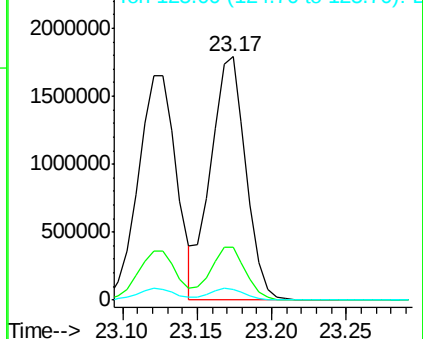
252 100

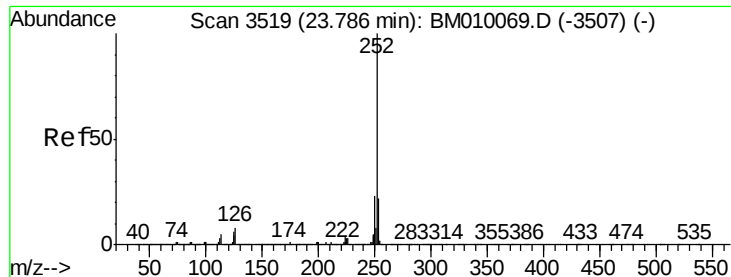
253 21.9 17.2 25.8

125 4.6 8.1 12.1#



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





#89

Benzo(a)pyrene

Concen: 52.37 ng

RT: 23.74 min Scan# 3511

Delta R.T. -0.05 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

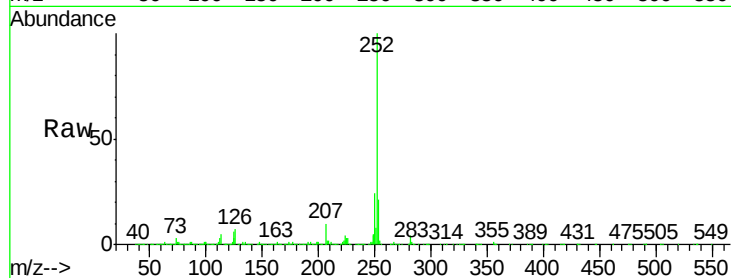
BNA_M

ClientSampleId :

RAV-GT-104MS

Tgt Ion:252 Resp: 2917946

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	5.6	7.4	11.2#

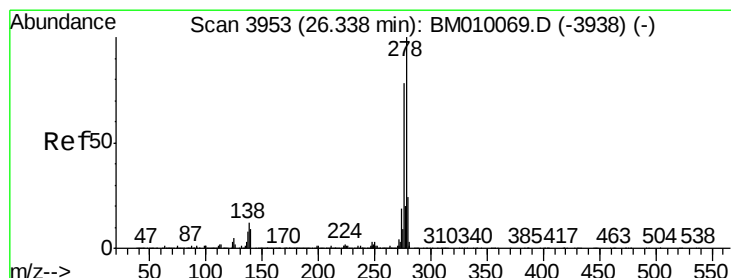
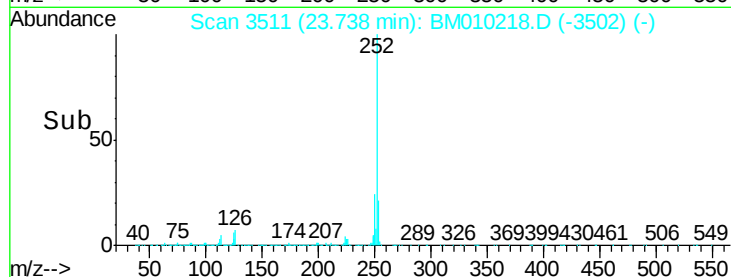
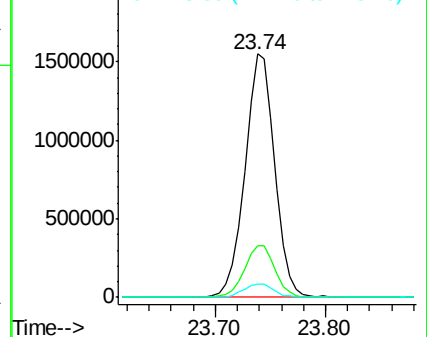


Abundance

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: 52.33 ng

RT: 26.27 min Scan# 3941

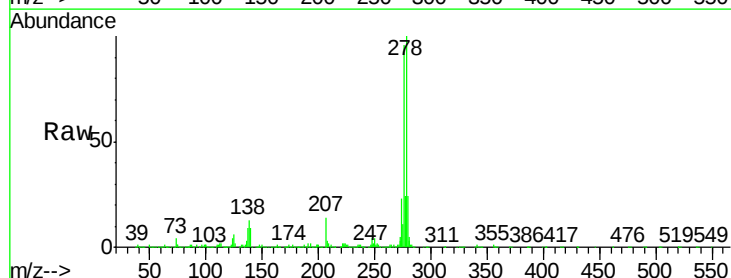
Delta R.T. -0.07 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Tgt Ion:278 Resp: 3260641

Ion	Ratio	Lower	Upper
278	100		
139	8.9	13.4	20.0#
279	23.5	19.0	28.4

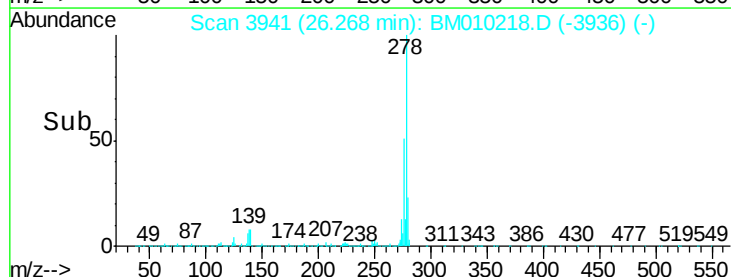
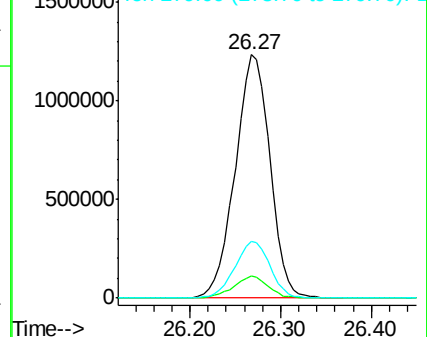


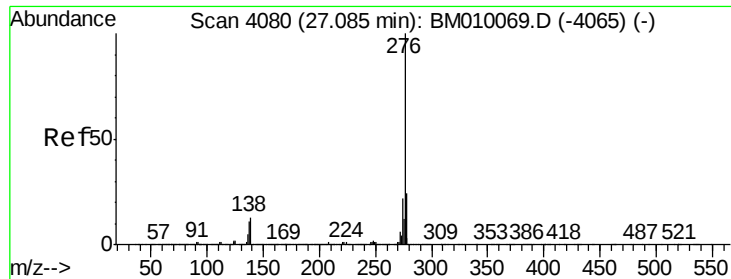
Abundance

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: 51.45 ng

RT: 27.01 min Scan# 4068

Delta R.T. -0.07 min

Lab File: BM010218.D

Acq: 25 May 2017 15:44

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MS

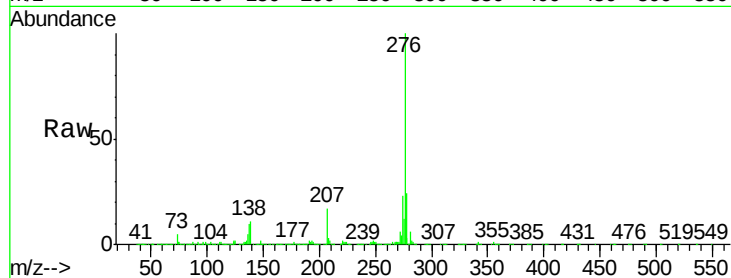
Tgt Ion:276 Resp: 3140807

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 11.2 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

