

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010102.D
 Acq On : 22 May 2017 14:59
 Operator : SJ/MA
 Sample : PB99134BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

Quant Time: May 23 05:26:05 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	7.96	152	157215	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	555392	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	358529	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	885437	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1367794	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1508859	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1320860	151.72	ng	-0.01
7) Phenol-d6	7.16	99	1614602	144.13	ng	-0.01
23) Nitrobenzene-d5	9.16	82	1040928	101.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	857742	157.52	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2822023	101.19	ng	-0.01
78) Terphenyl-d14	19.94	244	5092962	84.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	153272	38.32	ng	# 100
3) Pyridine	3.85	79	426127	39.79	ng	90
4) n-Nitrosodimethylamine	3.77	42	197424	50.97	ng	# 81
6) Aniline	7.32	93	439828	31.69	ng	95
8) 2-Chlorophenol	7.54	128	428432	45.23	ng	93
9) Benzaldehyde	7.13	77	129830	18.62	ng	93
10) Phenol	7.19	94	551901	46.75	ng	84
11) bis(2-Chloroethyl)ether	7.40	93	372682	42.35	ng	98
12) 1,3-Dichlorobenzene	7.85	146	517081	42.96	ng	# 93
13) 1,4-Dichlorobenzene	8.00	146	518959	41.97	ng	96
14) 1,2-Dichlorobenzene	8.32	146	500256	42.15	ng	# 92
15) Benzyl Alcohol	8.23	79	423004	49.91	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.49	45	321370	37.14	ng	79
17) 2-Methylphenol	8.43	107	362880	43.20	ng	# 84
18) Hexachloroethane	9.04	117	177785	44.35	ng	# 71
19) n-Nitroso-di-n-propylamine	8.77	70	349720	44.23	ng	90
20) 3+4-Methylphenols	8.76	107	492478	43.41	ng	88
22) Acetophenone	8.80	105	657314	46.17	ng	# 99
24) Nitrobenzene	9.20	77	525888	49.59	ng	96
25) Isophorone	9.70	82	869894	48.90	ng	# 93
26) 2-Nitrophenol	9.90	139	212897	47.63	ng	# 70
27) 2,4-Dimethylphenol	9.95	122	378986	46.95	ng	# 80
28) bis(2-Chloroethoxy)methane	10.19	93	499485	44.25	ng	99
29) 2,4-Dichlorophenol	10.43	162	462090	49.72	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	555460	46.20	ng	97
31) Naphthalene	10.83	128	1261470	42.46	ng	99
32) Benzoic acid	10.09	122	254730	46.31	ng	88
33) 4-Chloroaniline	10.97	127	140308	12.26	ng	# 85
34) Hexachlorobutadiene	11.07	225	370260	46.16	ng	96
35) Caprolactam	11.78	113	121478	45.56	ng	# 71
36) 4-Chloro-3-methylphenol	12.07	107	459977	45.70	ng	85
37) 2-Methylnaphthalene	12.42	142	971520	45.42	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	633216	45.93	ng	# 100
40) Hexachlorocyclopentadiene	12.74	237	941074	118.22	ng	100

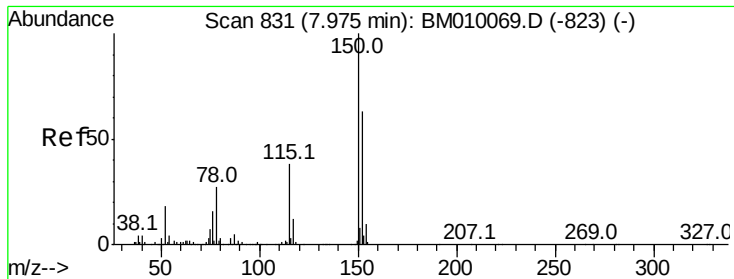
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	407880	50.23	nq	100
43) 2,4,5-Trichlorophenol	13.11	196	436915	48.69	nq	# 93
45) 1,1'-Biphenyl	13.43	154	1332031	45.18	nq	99
46) 2-Chloronaphthalene	13.48	162	1056743	44.27	nq	97
47) 2-Nitroaniline	13.72	65	289019	47.08	nq	85
48) Acenaphthylene	14.33	152	1653042	46.83	nq	98
49) Dimethylphthalate	14.06	163	1377686	43.08	nq	# 99
50) 2,6-Dinitrotoluene	14.20	165	297027	48.91	nq	99
51) Acenaphthene	14.66	154	1004301	45.77	nq	99
52) 3-Nitroaniline	14.55	138	220639	39.09	nq	# 74
53) 2,4-Dinitrophenol	14.73	184	360572	88.62	nq	# 85
54) Dibenzofuran	15.00	168	1711134	49.59	nq	97
55) 4-Nitrophenol	14.86	139	433004	95.33	nq	# 40
56) 2,4-Dinitrotoluene	14.97	165	418277	48.68	nq	# 81
57) Fluorene	15.65	166	1388790	46.28	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.22	232	423050	55.35	nq	# 100
59) Diethylphthalate	15.41	149	1343129	44.42	nq	97
60) 4-Chlorophenyl-phenylether	15.63	204	774787	45.99	nq	99
61) 4-Nitroaniline	15.71	138	247632	43.22	nq	# 34
62) Azobenzene	15.93	77	1267471	57.01	nq	90
64) 4,6-Dinitro-2-methylphenol	15.73	198	248077	45.86	nq	76
65) n-Nitrosodiphenylamine	15.86	169	1219314	45.95	nq	100
66) 4-Bromophenyl-phenylether	16.53	248	519729	45.85	nq	93
67) Hexachlorobenzene	16.62	284	594544	43.17	nq	96
68) Atrazine	16.80	200	503424	50.03	nq	99
69) Pentachlorophenol	16.99	266	753545	99.62	nq	99
70) Phenanthrene	17.39	178	2292494	46.28	nq	100
71) Anthracene	17.47	178	2360740	48.02	nq	99
72) Carbazole	17.76	167	2067230	47.49	nq	98
73) Di-n-butylphthalate	18.28	149	2236803	43.34	nq	# 98
74) Fluoranthene	19.39	202	3004440	46.71	nq	98
76) Benzidine	19.59	184	1897429	75.21	nq	99
77) Pyrene	19.75	202	3129345	42.67	nq	100
79) Butylbenzylphthalate	20.63	149	1138829	41.95	nq	# 87
80) Benzo(a)anthracene	21.49	228	3538516	46.94	nq	99
81) 3,3'-Dichlorobenzidine	21.43	252	948528	31.28	nq	# 97
82) Chrysene	21.54	228	3213005	44.94	nq	100
83) Bis(2-ethylhexyl)phthalate	21.37	149	1716710	42.29	nq	# 97
84) Di-n-octyl phthalate	22.28	149	3192677	43.93	nq	97
85) Indeno(1,2,3-cd)pyrene	26.30	276	5293343	50.49	nq	# 100
87) Benzo(b)fluoranthene	23.14	252	4227933	47.88	nq	# 93
88) Benzo(k)fluoranthene	23.19	252	4008903	46.34	nq	# 96
89) Benzo(a)pyrene	23.76	252	4045939	48.08	nq	# 97
90) Dibenzo(a,h)anthracene	26.30	278	4495820	47.78	nq	# 92
91) Benzo(g,h,i)perylene	27.05	276	4316875	46.82	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

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PB99134BS

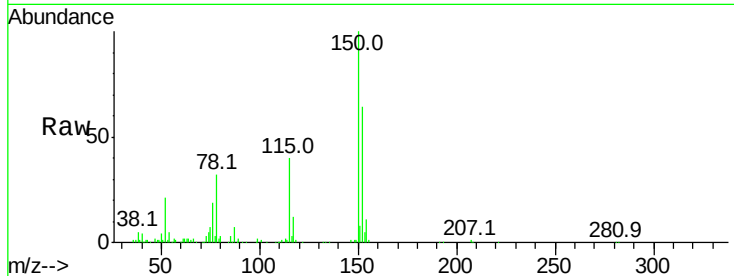
Tot Ion:152 Resp: 157215

Ion Ratio Lower Upper

152 100

150 157.2 119.5 179.3

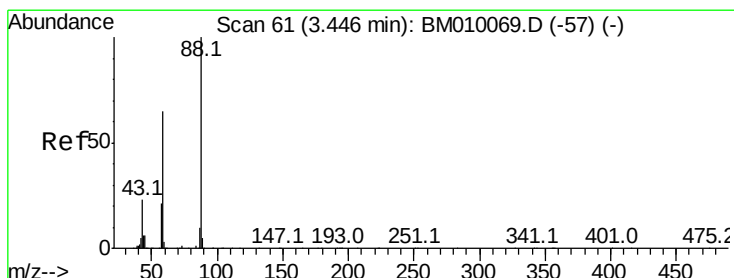
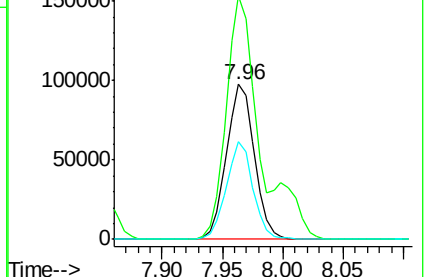
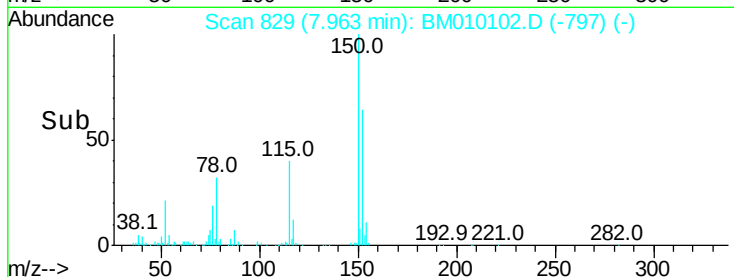
115 63.4 43.0 64.4



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: 38.32 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

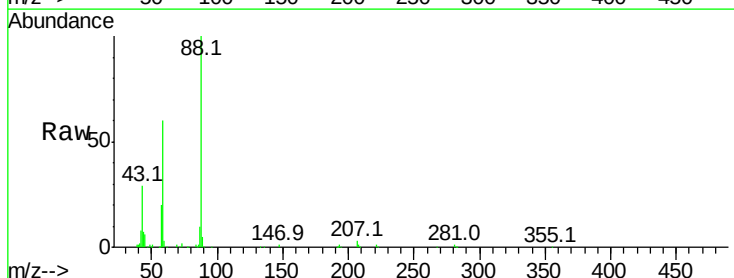
Tgt Ion: 88 Resp: 153272

Ion Ratio Lower Upper

88 100

58 63.5 0.0 0.0#

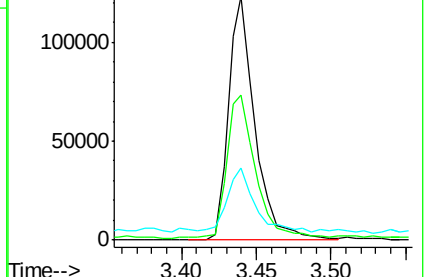
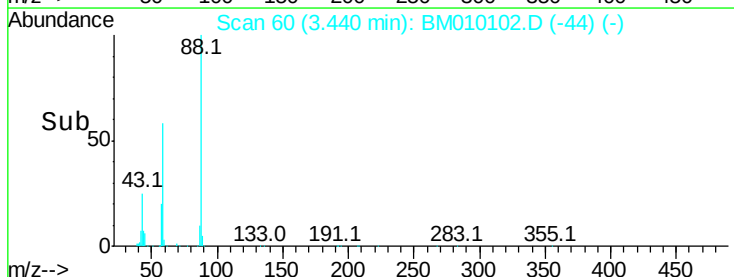
43 26.9 0.0 0.0#

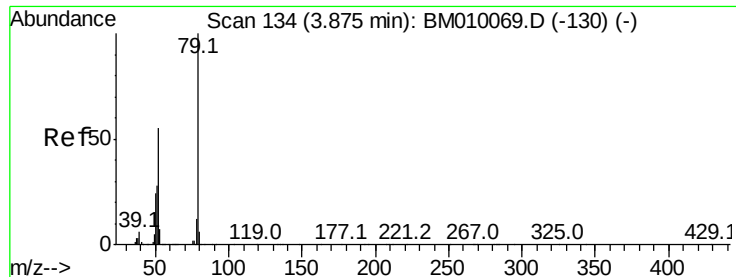


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.79 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

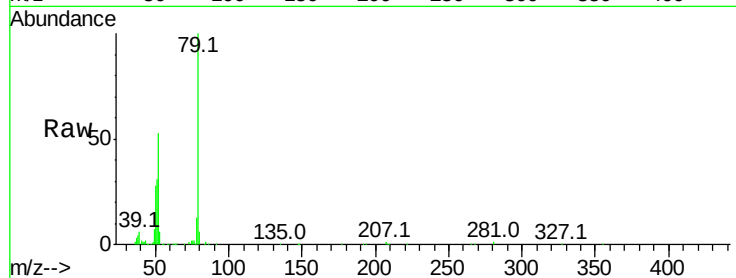
Tot Ion: 79 Resp: 426127

Ion Ratio Lower Upper

79 100

52 53.0 51.1 76.7

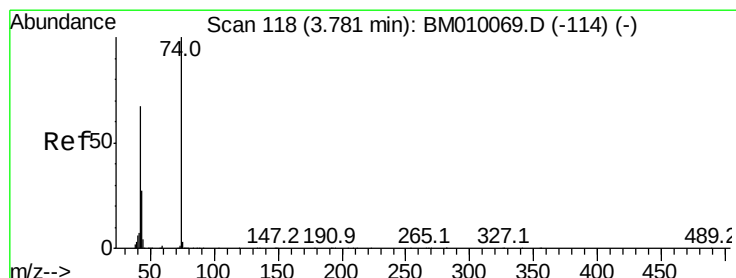
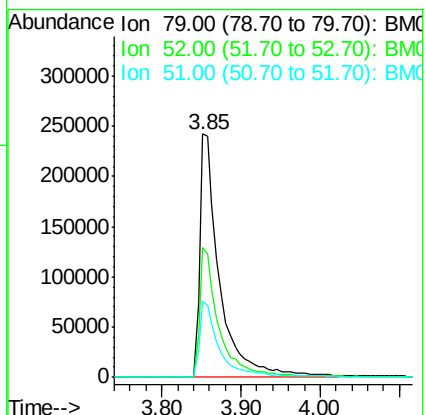
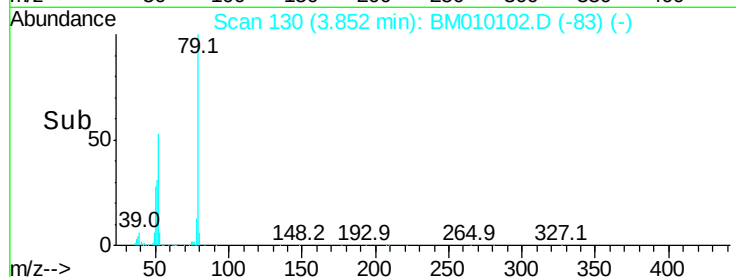
51 31.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010102.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010102.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010102.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 50.97 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

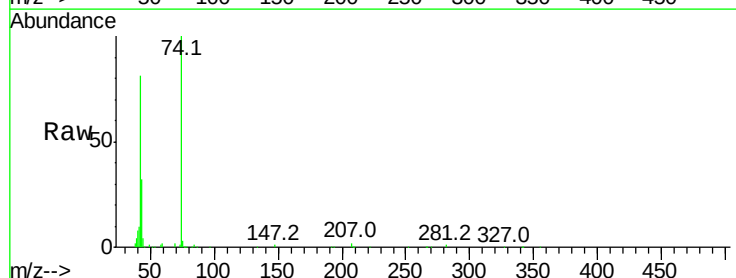
Tgt Ion: 42 Resp: 197424

Ion Ratio Lower Upper

42 100

74 124.2 119.3 178.9

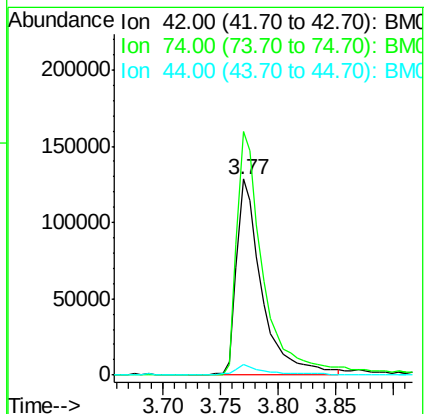
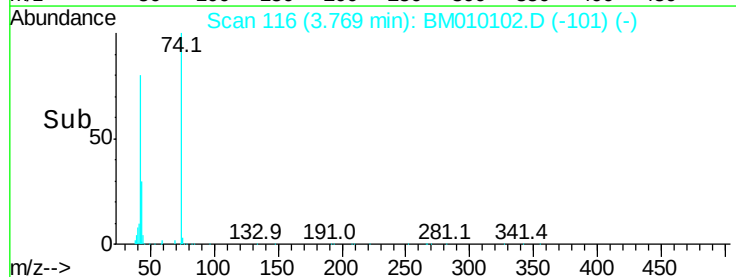
44 5.1 5.4 8.2#

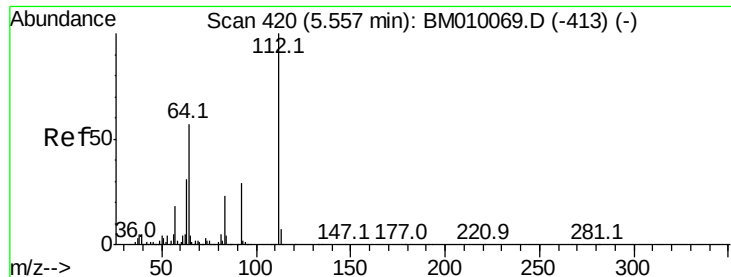


Abundance Ion 42.00 (41.70 to 42.70): BM010102.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010102.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010102.D (-114) (-)





#5

2-Fluorophenol

Concen: 151.72 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

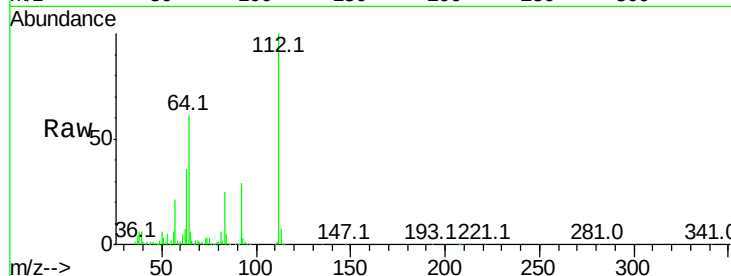
Tot Ion:112 Resp: 1320860

Ion Ratio Lower Upper

112 100

64 60.9 38.6 57.8#

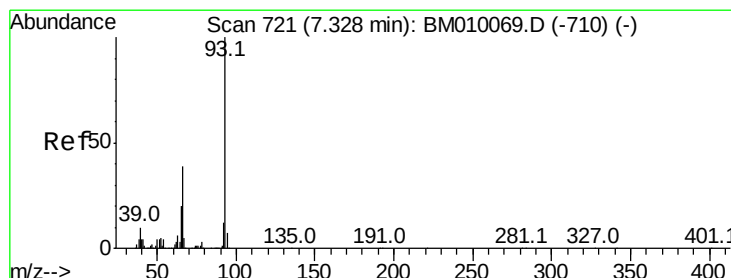
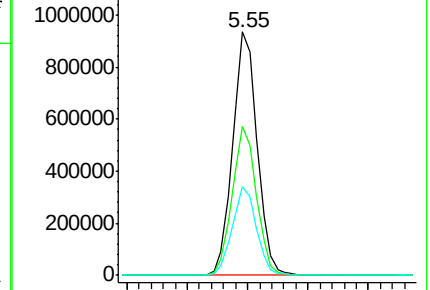
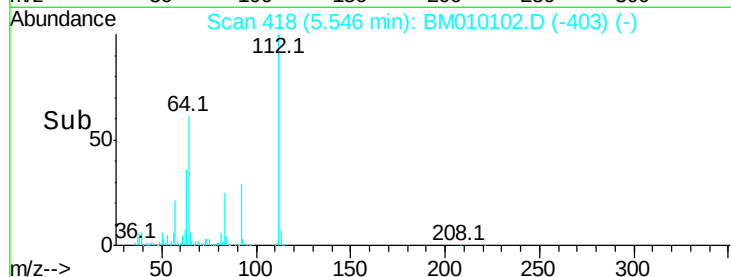
63 36.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 31.69 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

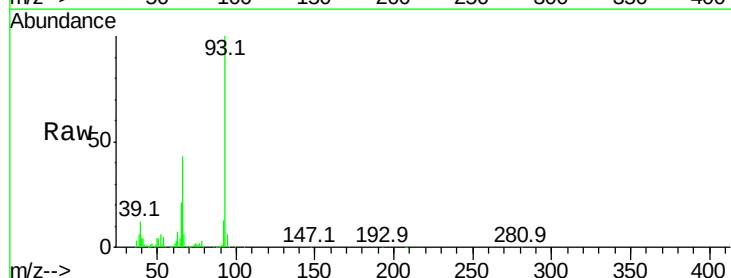
Tgt Ion: 93 Resp: 439828

Ion Ratio Lower Upper

93 100

66 42.8 30.8 46.2

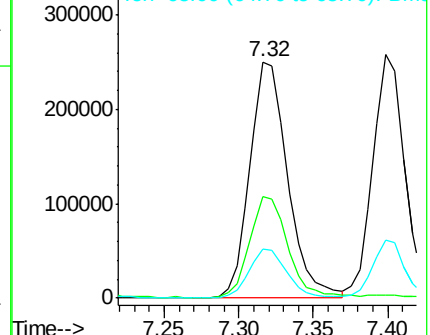
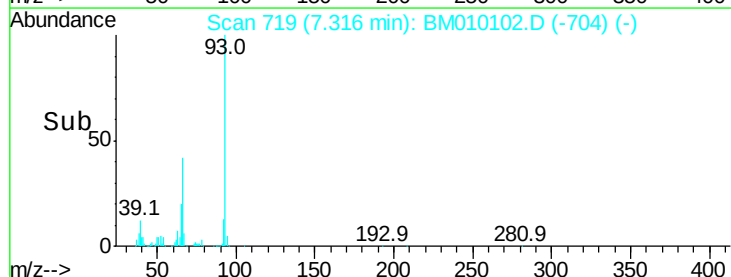
65 20.8 16.0 24.0

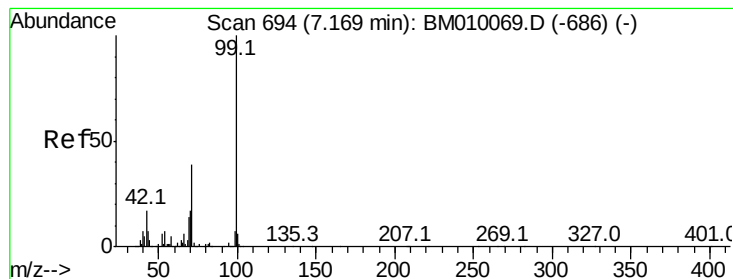


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 144.13 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

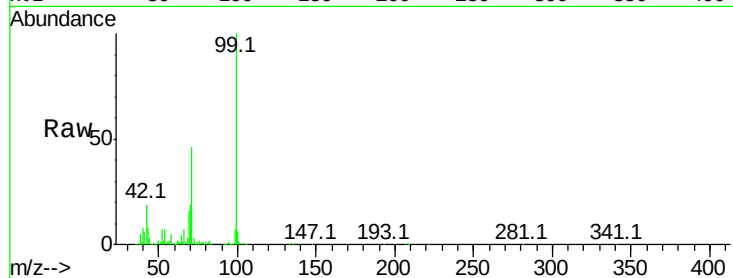
BNA_M

ClientSampleId :

PB99134BS

Tot Ion: 99 Resp: 1614602

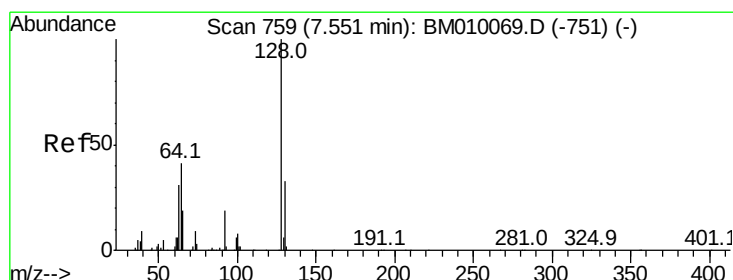
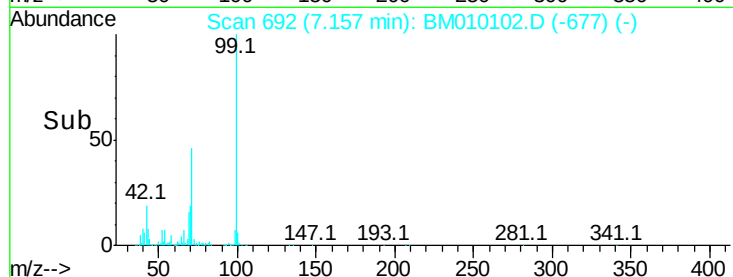
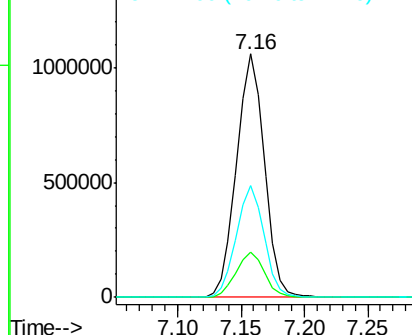
Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.0	16.4#
71	45.8	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010102.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010102.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010102.D (-677) (-)



#8

2-Chlorophenol

Concen: 45.23 ng

RT: 7.54 min Scan# 757

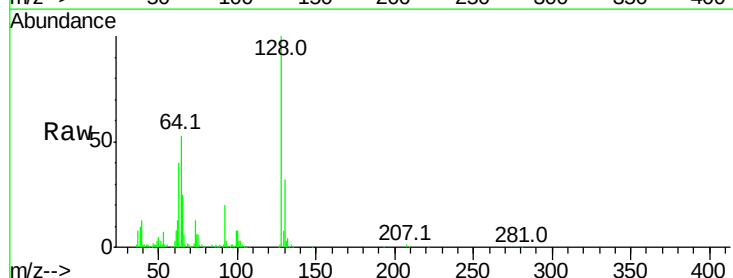
Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion: 128 Resp: 428432

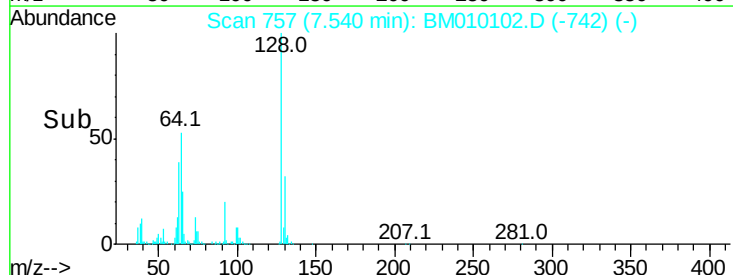
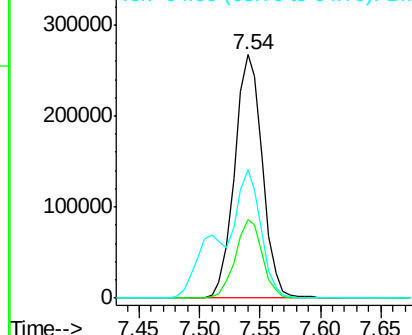
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	52.6	24.9	64.9

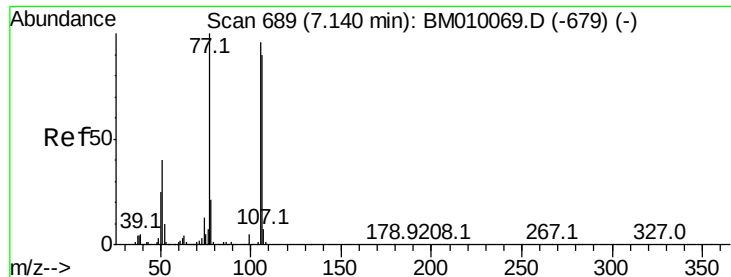


Abundance Ion 128.00 (127.70 to 128.70): BM010102.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM010102.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM010102.D (-742) (-)





#9

Benzaldehyde

Concen: 18.62 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleID :

PB99134BS

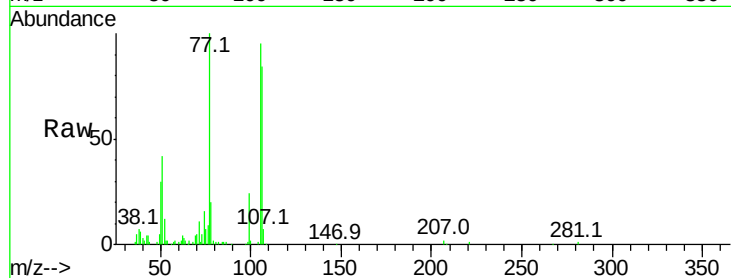
Tot Ion: 77 Resp: 129830

Ion Ratio Lower Upper

77 100

105 94.8 78.8 118.8

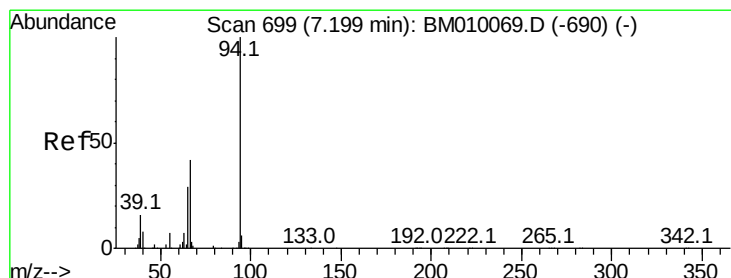
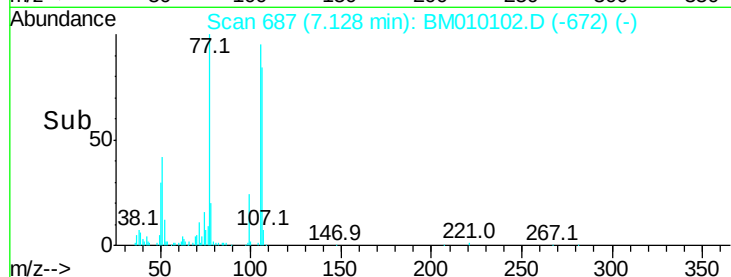
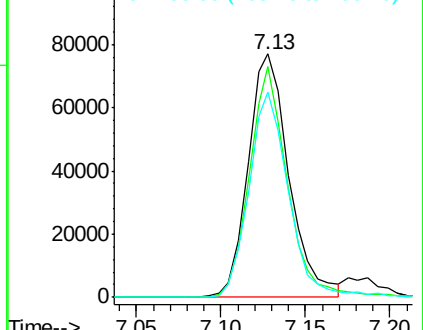
106 84.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM010102.D (-672) (-)

Ion 105.00 (104.70 to 105.70): BM010102.D (-672) (-)

Ion 106.00 (105.70 to 106.70): BM010102.D (-672) (-)



#10

Phenol

Concen: 46.75 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

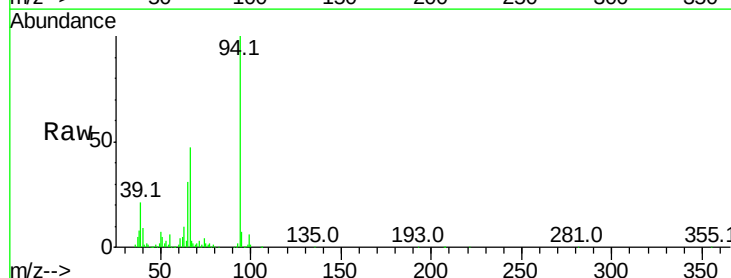
Tgt Ion: 94 Resp: 551901

Ion Ratio Lower Upper

94 100

65 30.9 18.8 58.8

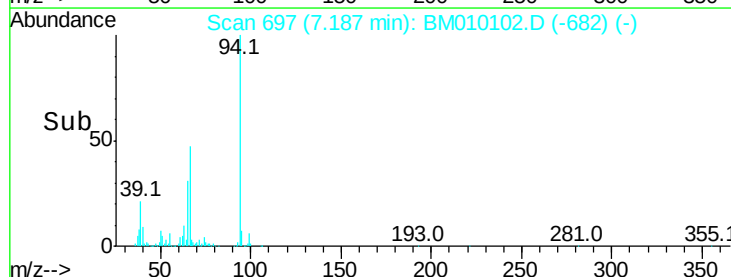
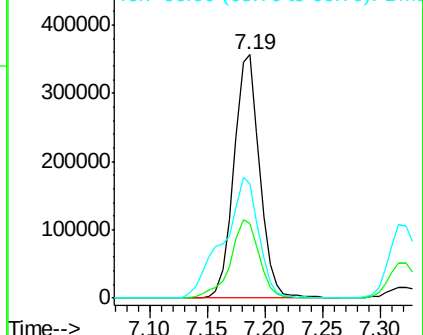
66 46.8 39.9 79.9

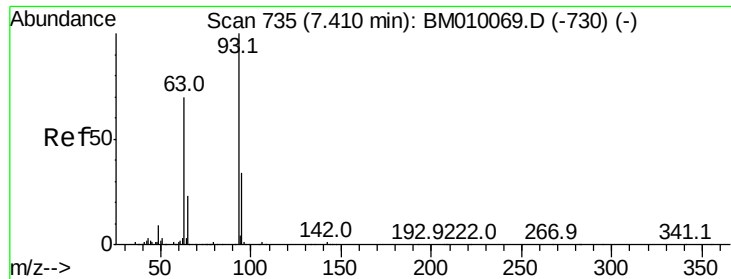


Abundance Ion 94.00 (93.70 to 94.70): BM010102.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010102.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010102.D (-682) (-)

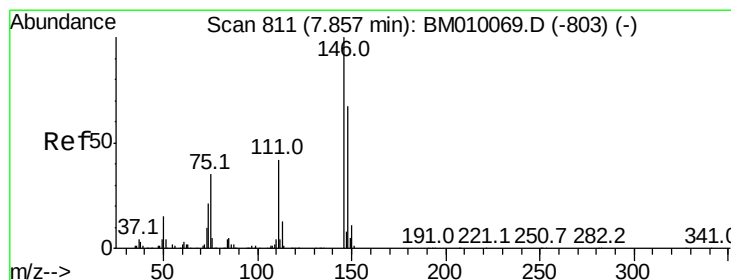
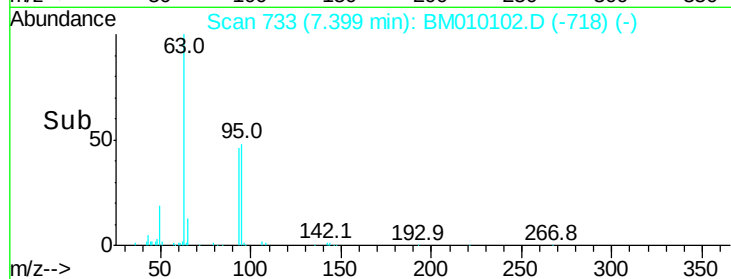
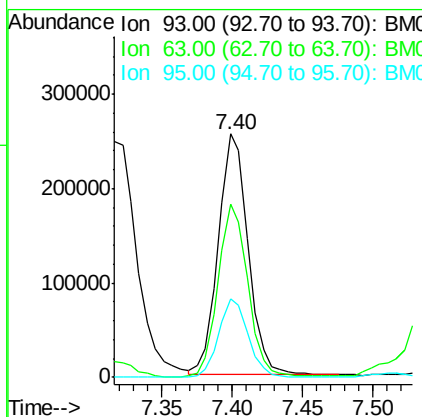
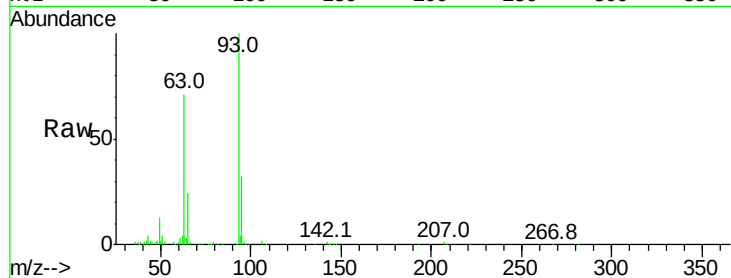




#11
 bis(2-Chloroethyl)ether
 Concen: 42.35 ng
 RT: 7.40 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

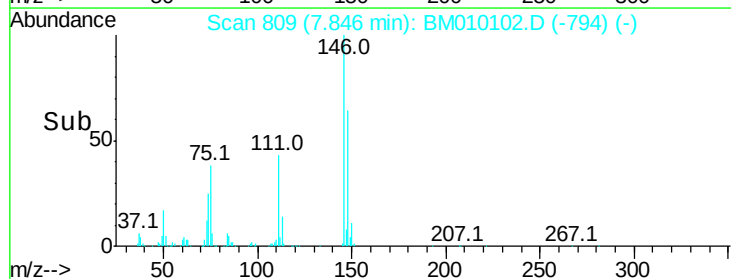
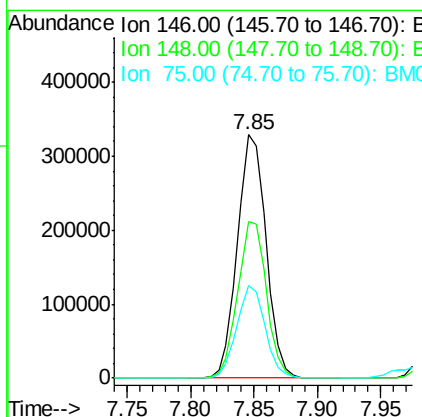
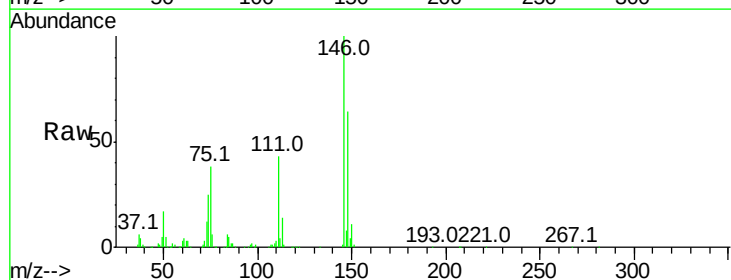
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

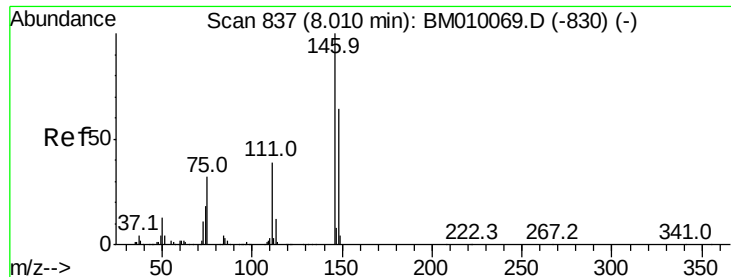
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	49.5	89.5
95	32.0	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 42.96 ng
 RT: 7.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	38.2	21.4	32.2

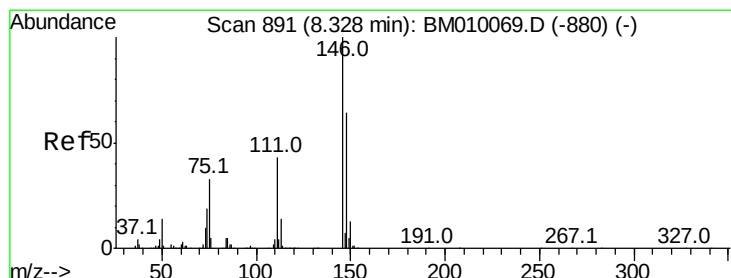
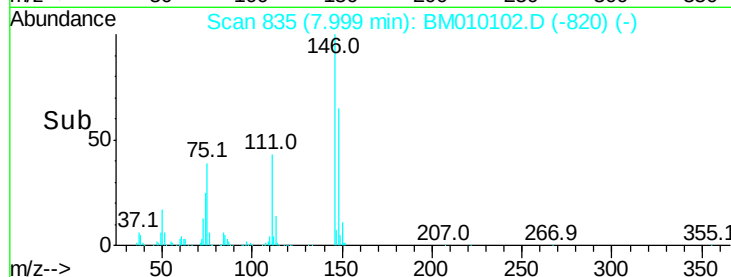
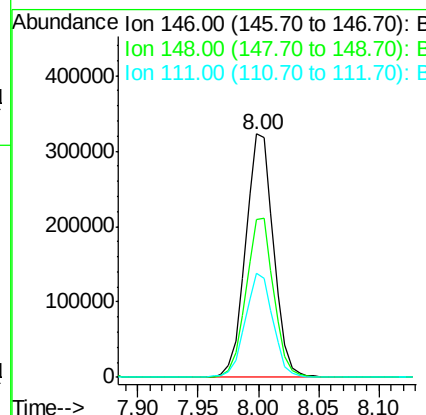
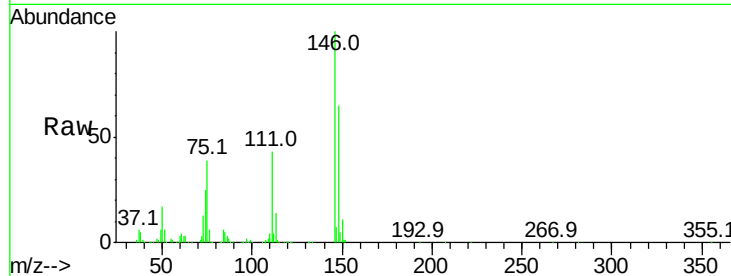




#13
 1,4-Dichlorobenzene
 Concen: 41.97 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

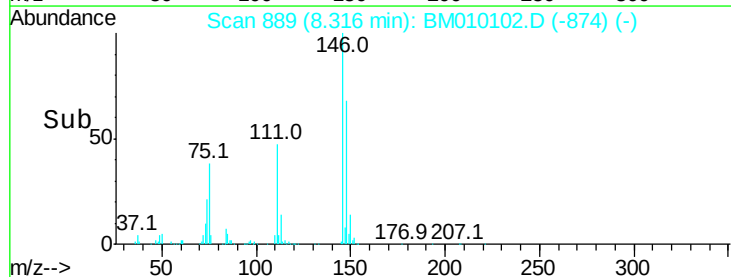
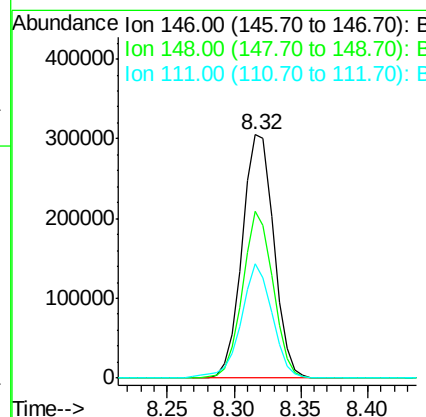
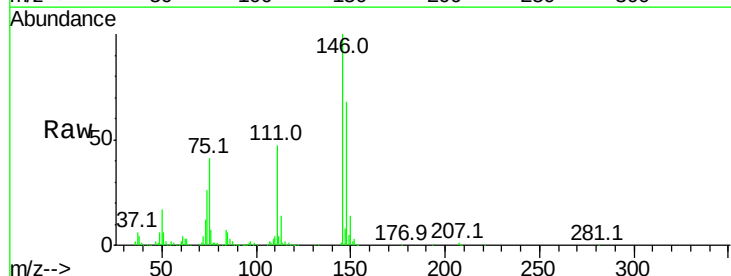
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

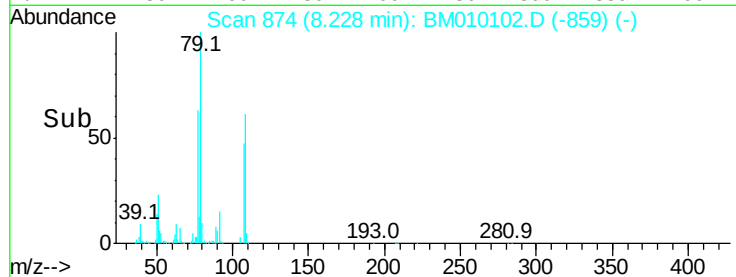
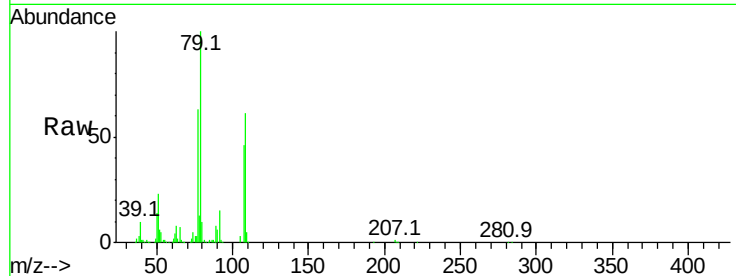
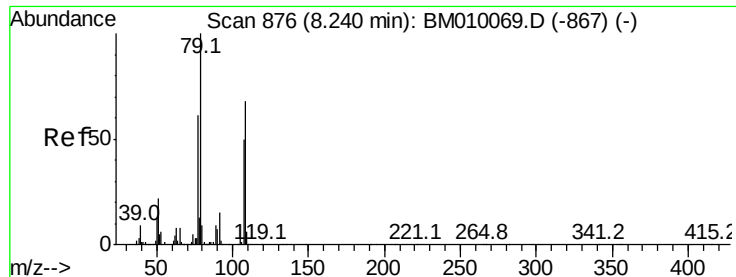
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	42.7	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 42.15 ng
 RT: 8.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.3	78.5
111	46.8	30.6	45.8





#15

Benzyl Alcohol

Concen: 49.91 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

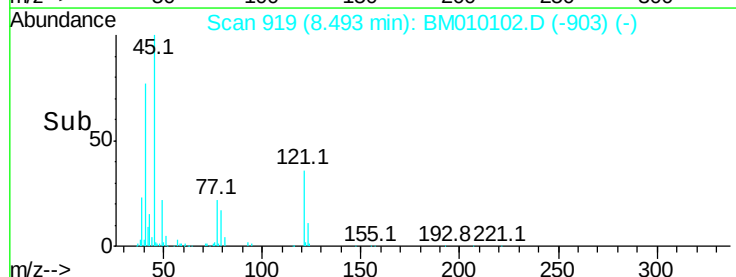
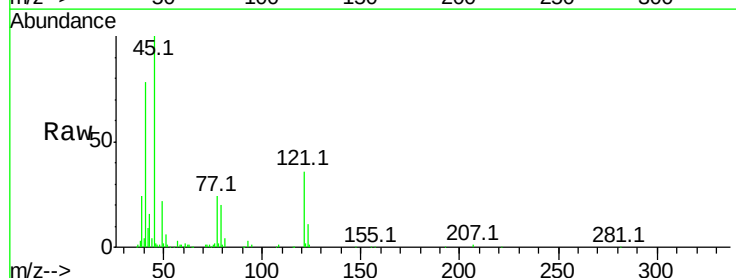
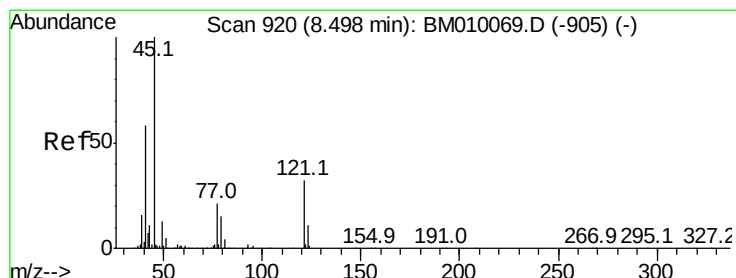
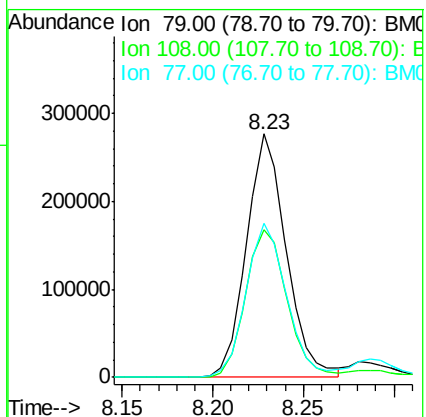
Tot Ion: 79 Resp: 423004

Ion Ratio Lower Upper

79 100

108 60.8 65.0 97.4#

77 63.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.14 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

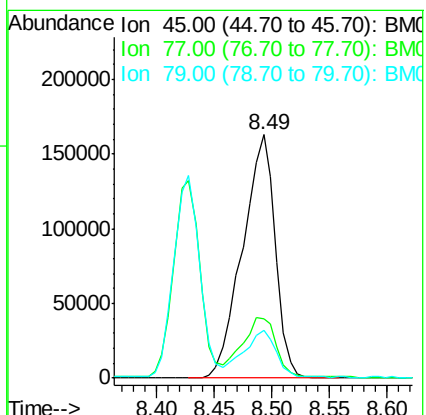
Tgt Ion: 45 Resp: 321370

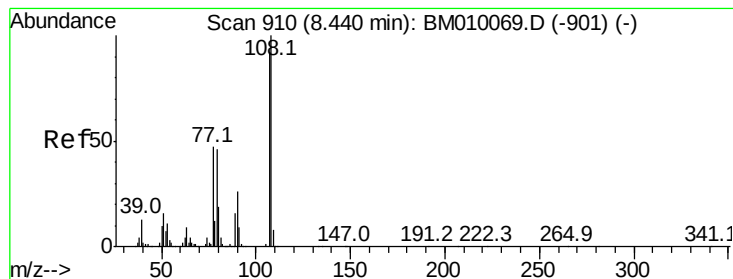
Ion Ratio Lower Upper

45 100

77 24.2 0.0 35.2

79 19.8 0.0 32.0





#17

2-Methylphenol

Concen: 43.20 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

Tot Ion:107 Resp: 362880

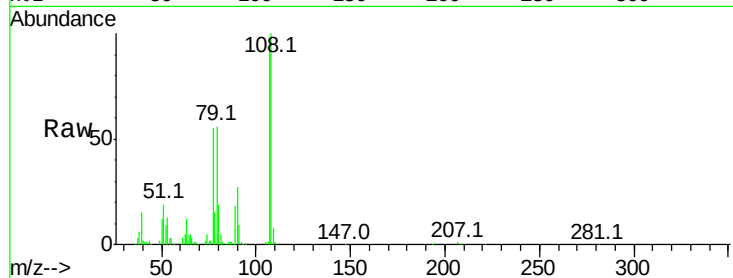
Ion Ratio Lower Upper

107 100

108 104.6 89.8 134.8

77 57.6 32.6 48.8#

79 58.8 32.8 49.2#

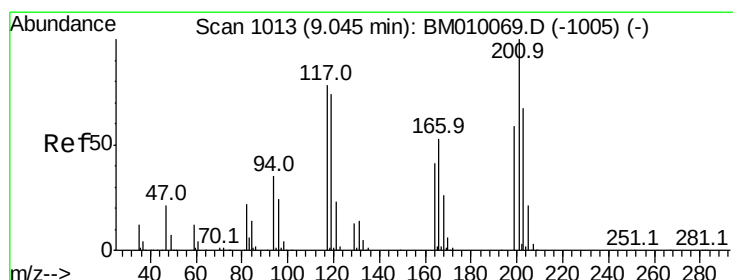
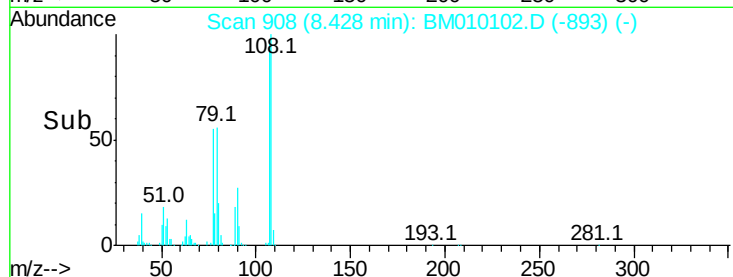
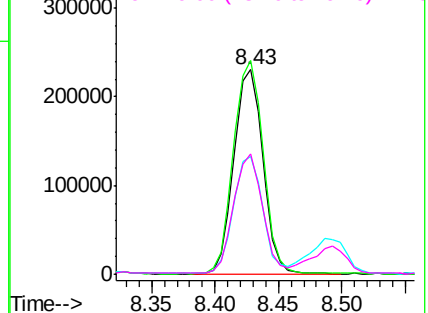


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 44.35 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

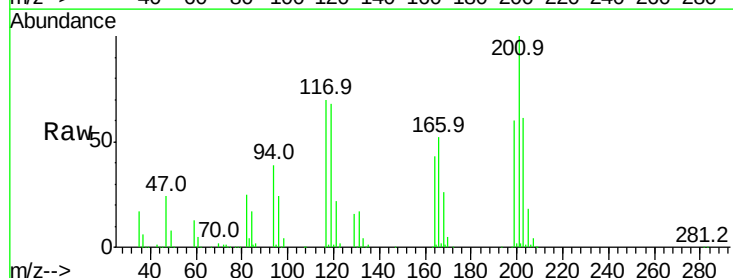
Tgt Ion:117 Resp: 177785

Ion Ratio Lower Upper

117 100

119 96.8 79.2 118.8

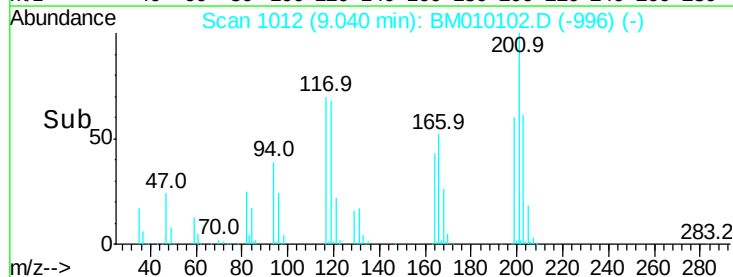
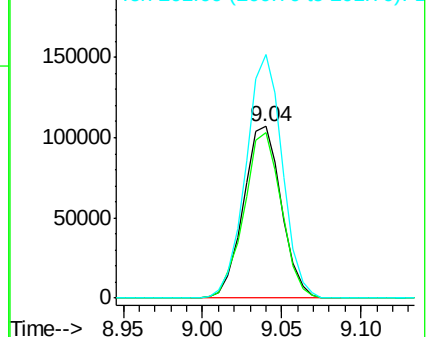
201 141.9 69.8 104.6#

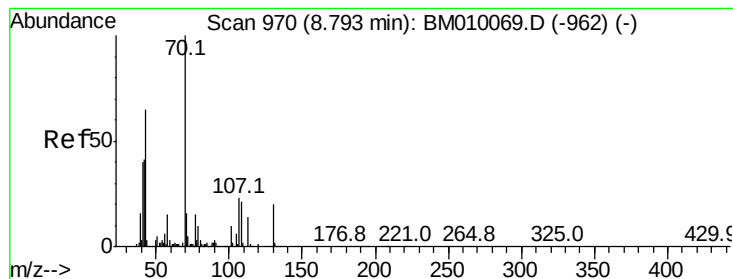


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.23 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

Tot Ion: 70 Resp: 349720

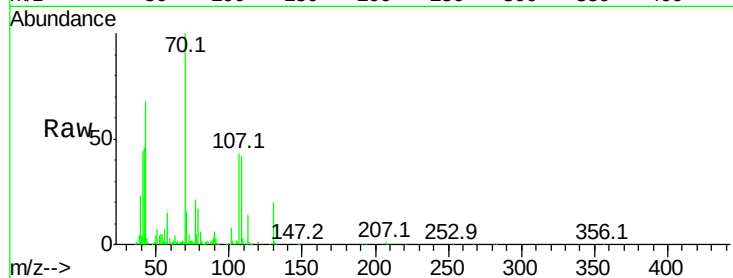
Ion Ratio Lower Upper

70 100

42 45.6 44.5 66.7

101 8.2 7.4 11.2

130 20.0 15.3 22.9



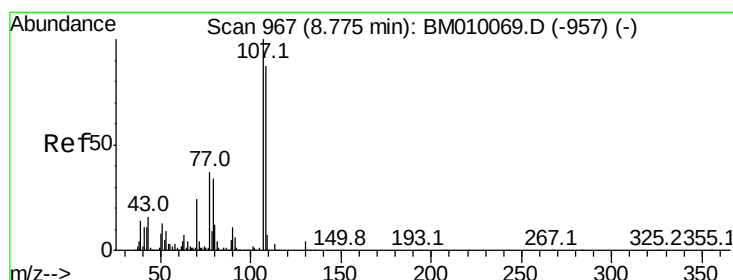
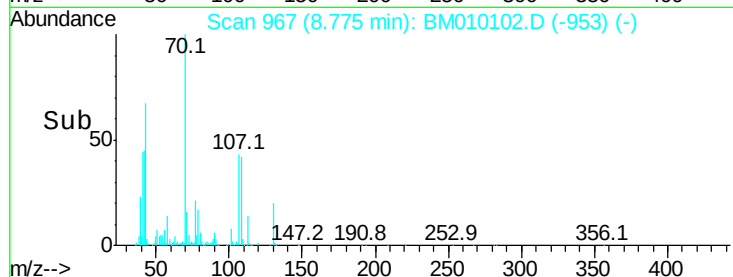
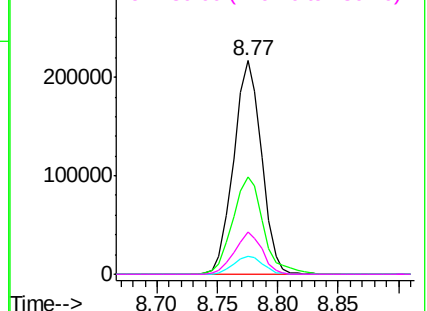
Abundance

Ion 70.00 (69.70 to 70.70): BM010102.D (-962) (-)

Ion 42.00 (41.70 to 42.70): BM010102.D (-962) (-)

Ion 101.00 (100.70 to 101.70): BM010102.D (-962) (-)

Ion 130.00 (129.70 to 130.70): BM010102.D (-962) (-)



#20

3+4-Methylphenols

Concen: 43.41 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion: 107 Resp: 492478

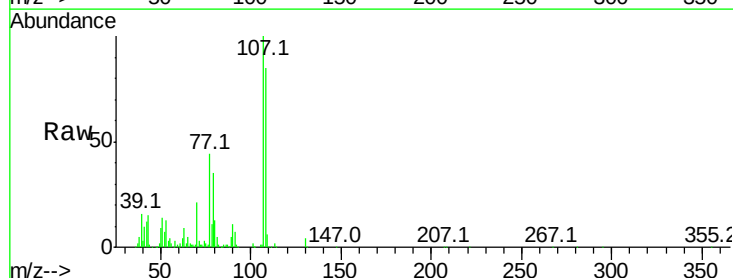
Ion Ratio Lower Upper

107 100

108 84.8 73.2 113.2

77 44.1 10.7 50.7

79 35.3 9.6 49.6



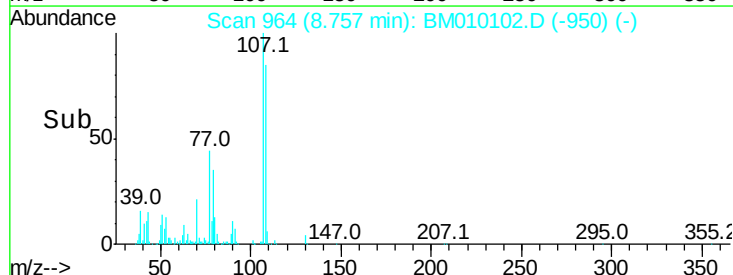
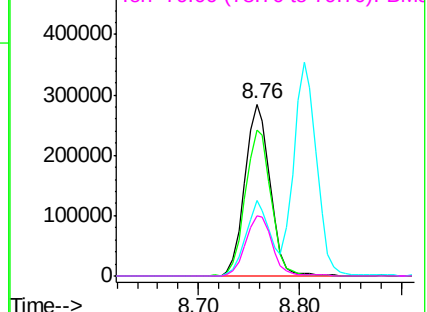
Abundance

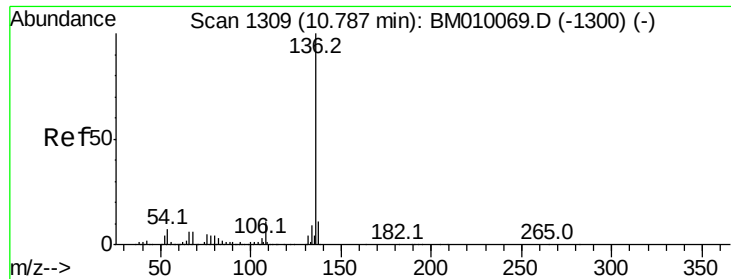
Ion 107.00 (106.70 to 107.70): BM010102.D (-957) (-)

Ion 108.00 (107.70 to 108.70): BM010102.D (-957) (-)

Ion 77.00 (76.70 to 77.70): BM010102.D (-957) (-)

Ion 79.00 (78.70 to 79.70): BM010102.D (-957) (-)

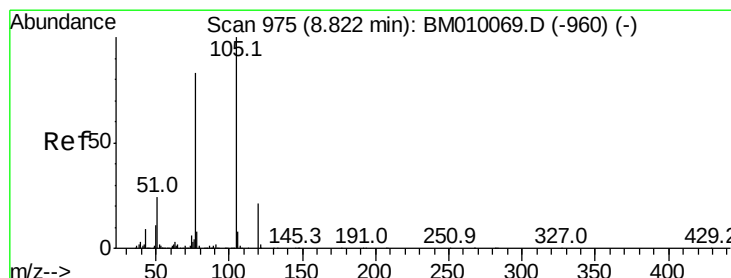
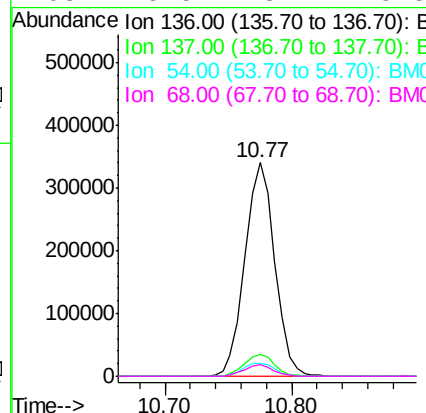
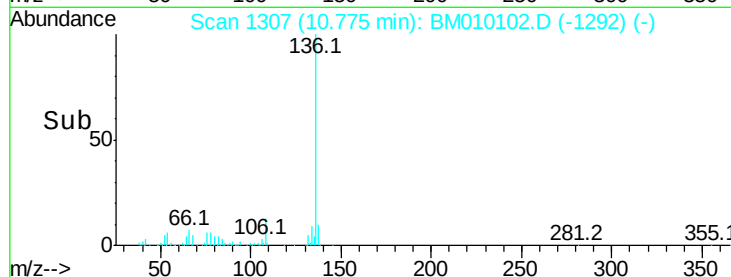
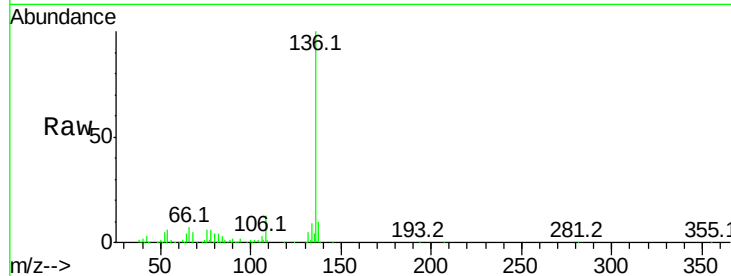




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

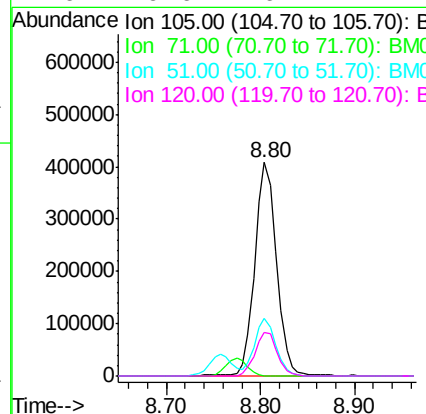
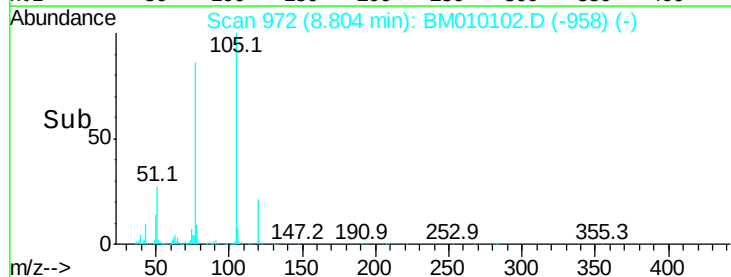
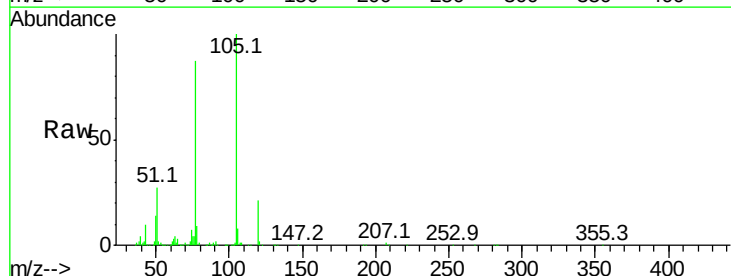
Instrument :
BNA_M
ClientSampleId :
PB99134BS

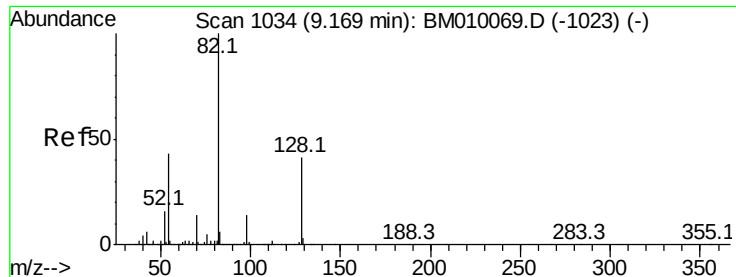
Tot Ion:136	Resp:	555392
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.7 13.1
54	6.0	4.6 6.8
68	5.5	3.7 5.5



#22
Acetophenone
Concen: 46.17 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion:105	Resp:	657314
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	26.9	21.6 32.4
120	20.6	16.1 24.1

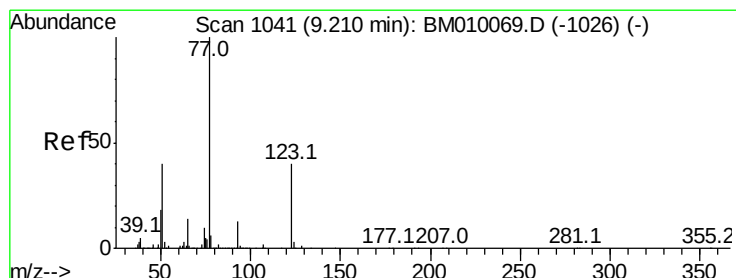
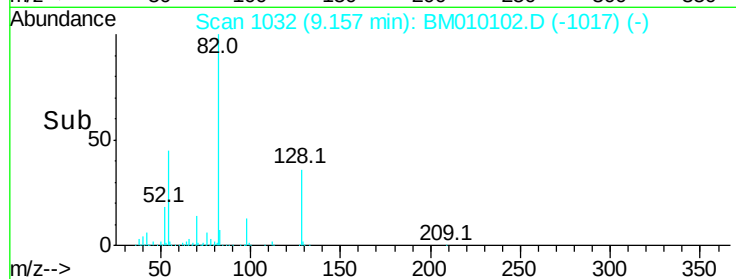
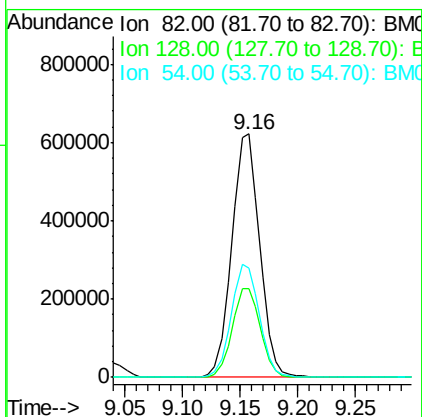
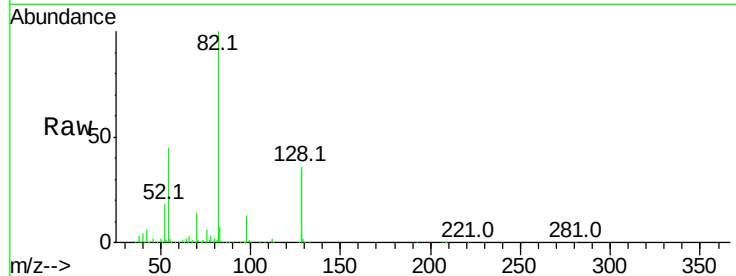




#23
 Nitrobenzene-d5
 Concen: 101.12 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

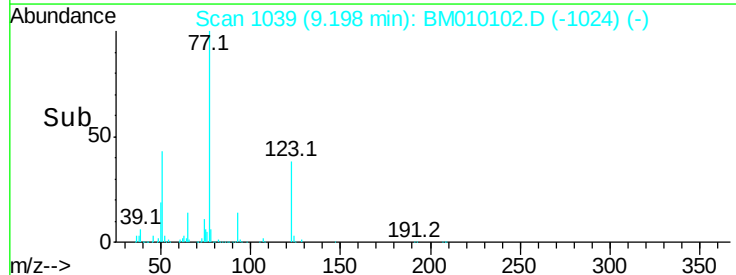
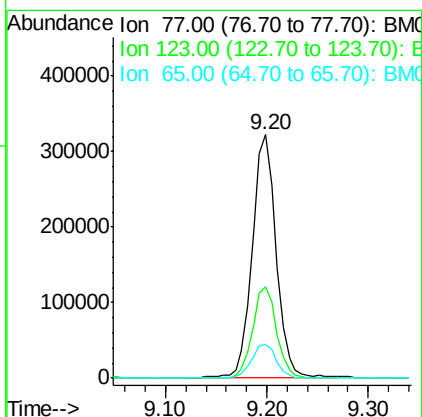
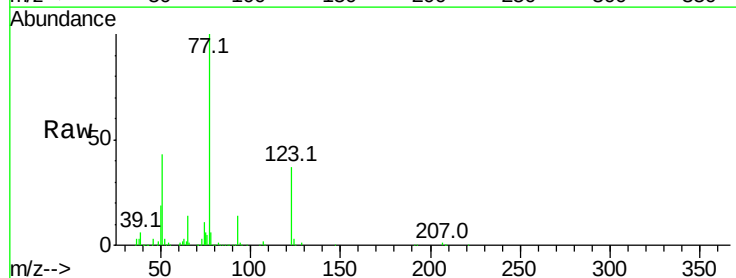
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

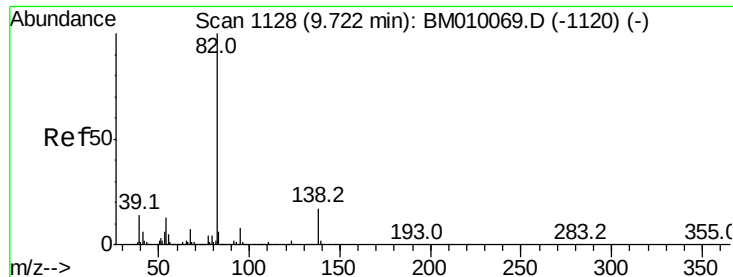
Tot Ion: 82 Resp: 1040928
 Ion Ratio Lower Upper
 82 100
 128 36.4 32.8 49.2
 54 45.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 49.59 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion: 77 Resp: 525888
 Ion Ratio Lower Upper
 77 100
 123 37.5 32.6 49.0
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 48.90 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

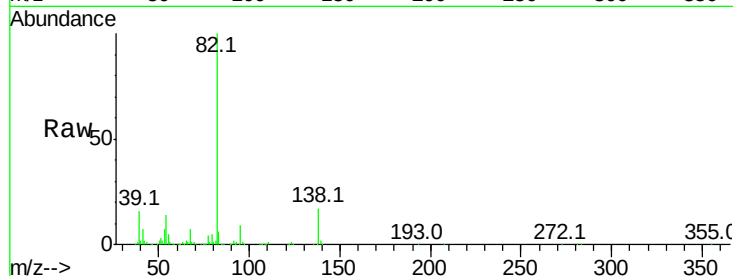
Tot Ion: 82 Resp: 869894

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

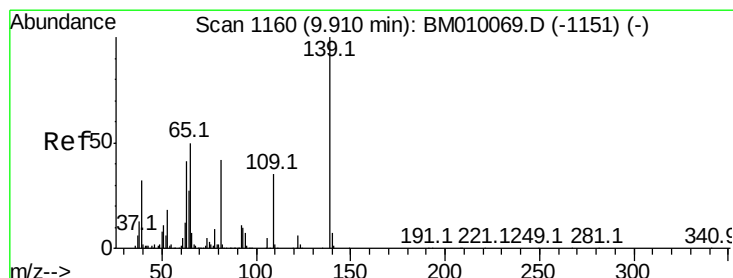
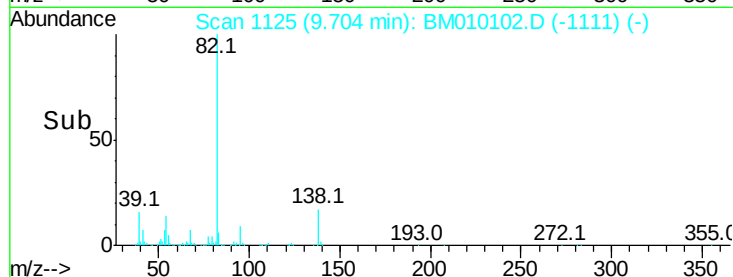
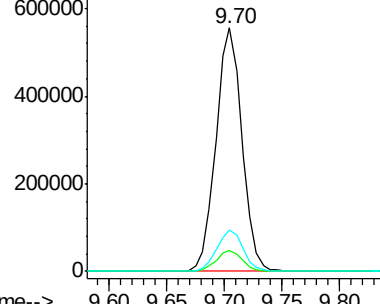
138 16.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010102.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010102.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010102.D (-1120) (-)



#26

2-Nitrophenol

Concen: 47.63 ng

RT: 9.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

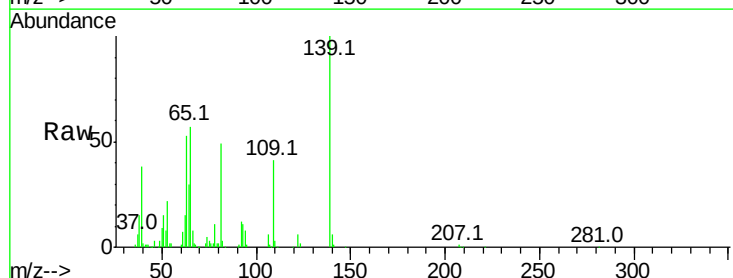
Tgt Ion: 139 Resp: 212897

Ion Ratio Lower Upper

139 100

109 41.2 20.1 30.1#

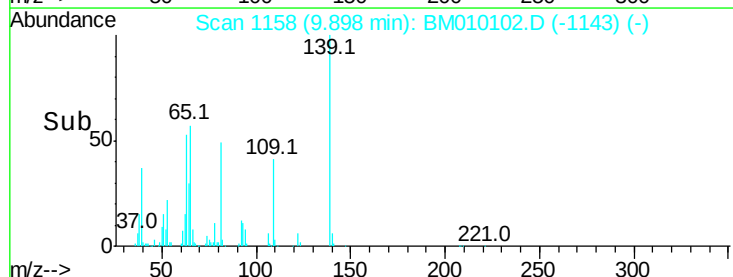
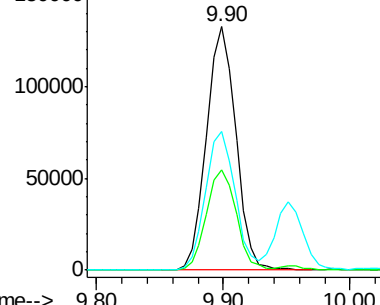
65 57.0 31.5 47.3#

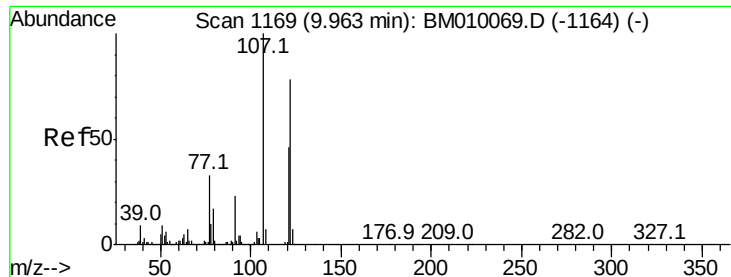


Abundance Ion 139.00 (138.70 to 139.70): BM010102.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010102.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010102.D (-1151) (-)

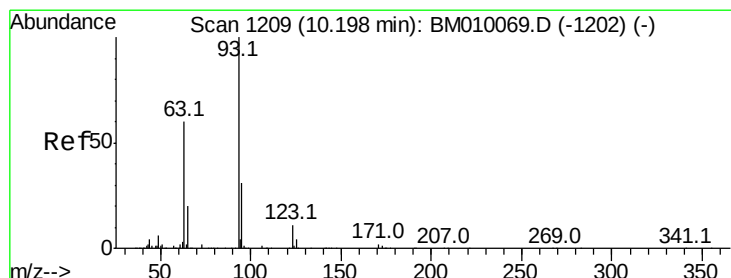
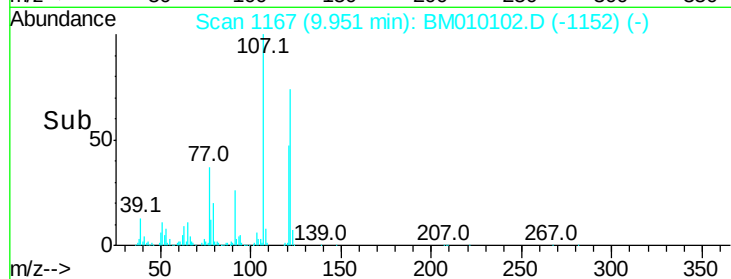
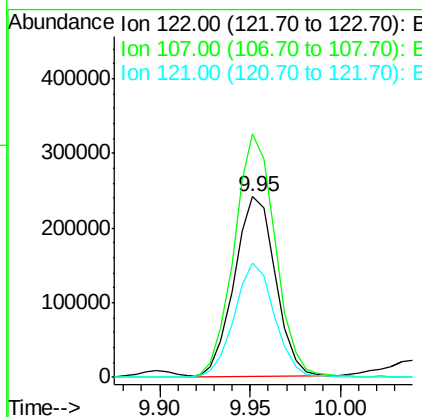
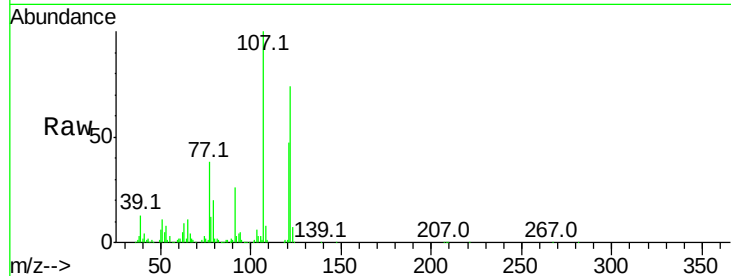




#27
 2,4-Dimethylphenol
 Concen: 46.95 ng
 RT: 9.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

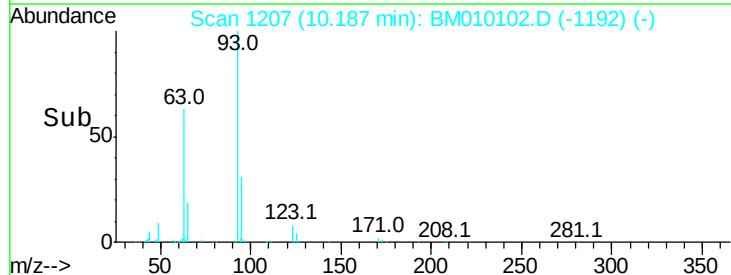
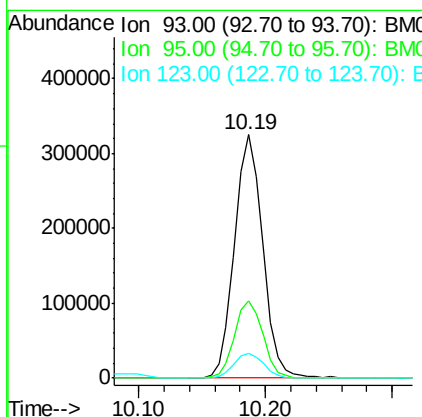
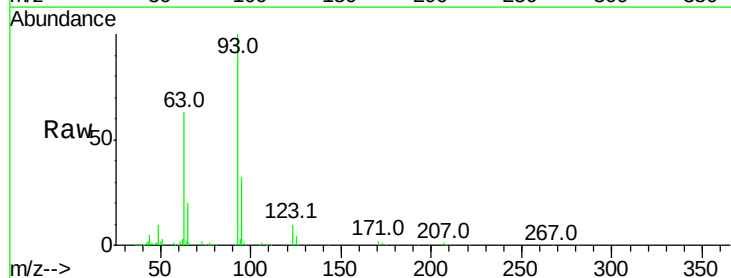
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

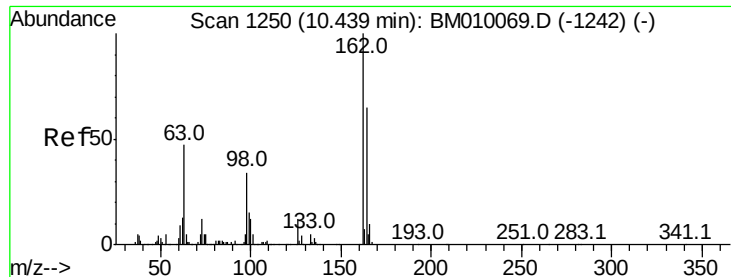
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.7	84.7	127.1#
121	63.4	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.25 ng
 RT: 10.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	10.1	8.6	13.0

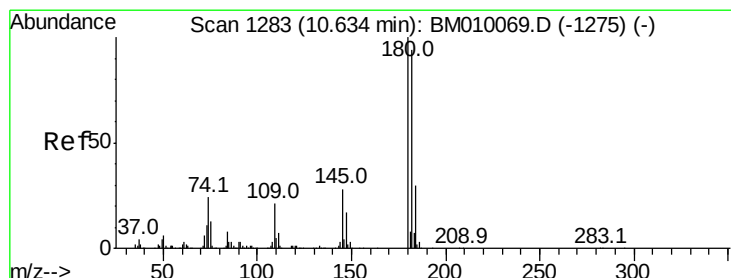
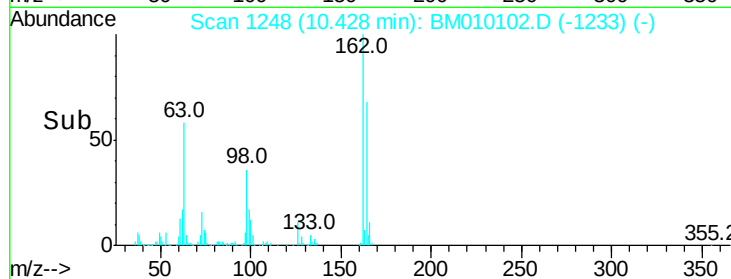
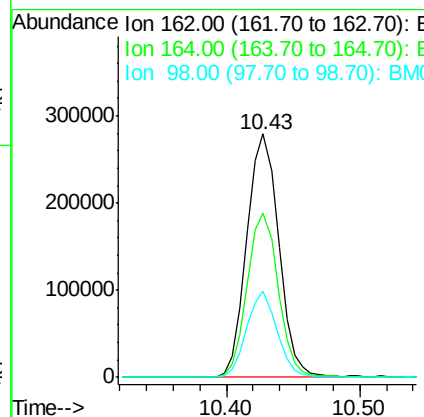
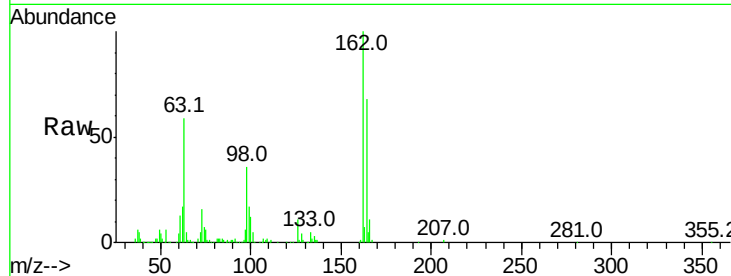




#29
 2,4-Dichlorophenol
 Concen: 49.72 ng
 RT: 10.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

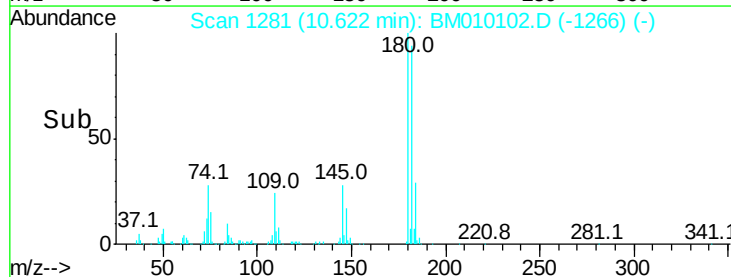
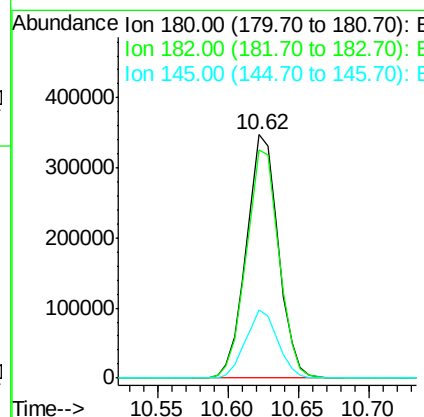
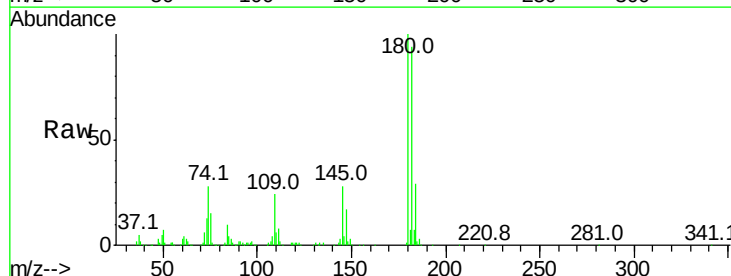
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

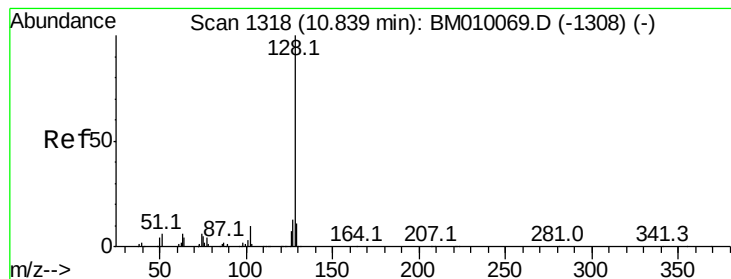
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	42.8	82.8
98	35.6	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.20 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.6	116.4
145	28.2	23.4	35.2





#31

Naphthalene

Concen: 42.46 ng

RT: 10.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

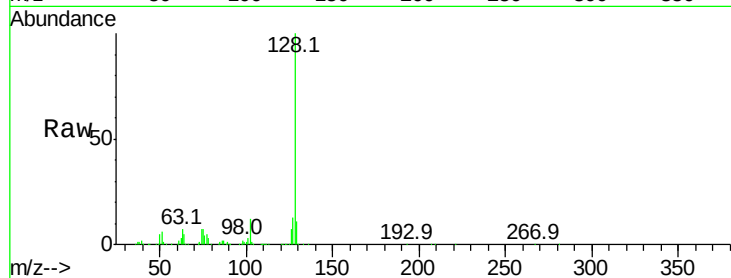
Tot Ion:128 Resp: 1261470

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

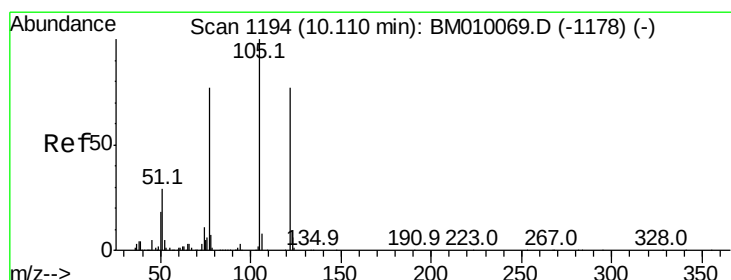
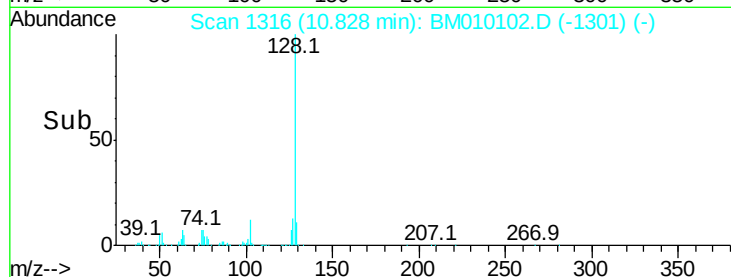
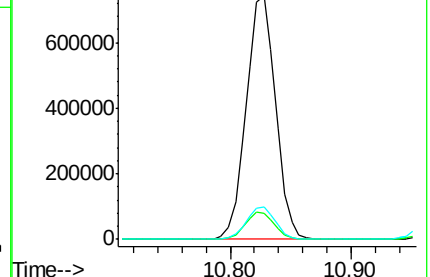
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.31 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

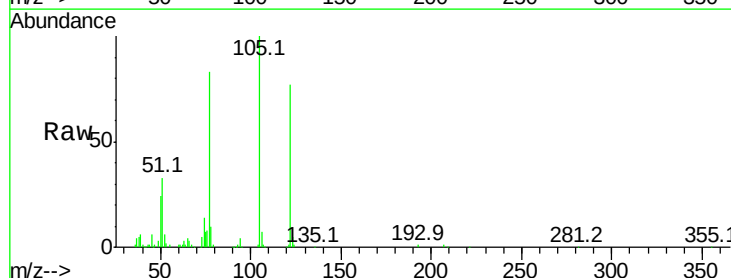
Tgt Ion:122 Resp: 254730

Ion Ratio Lower Upper

122 100

105 130.3 99.9 139.9

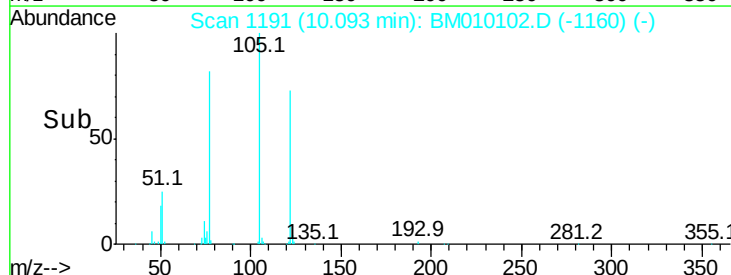
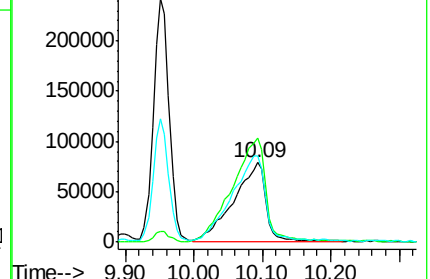
77 108.5 73.7 113.7

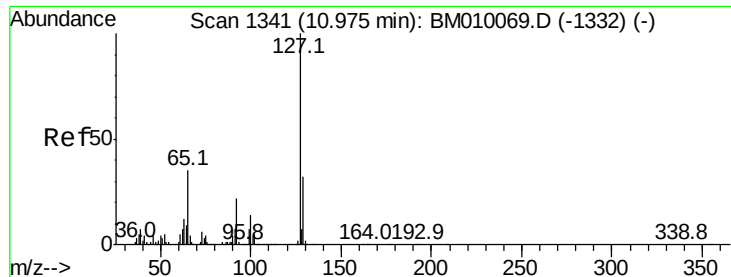


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

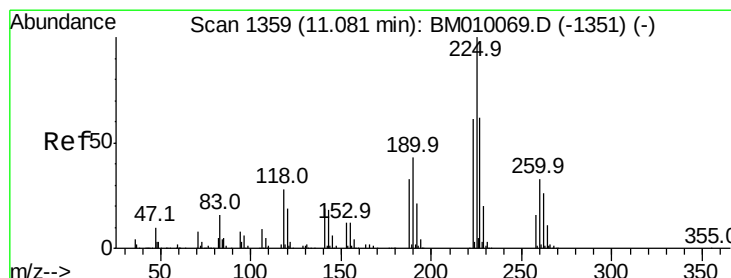
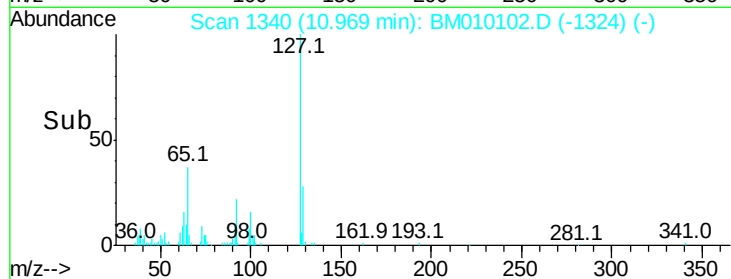
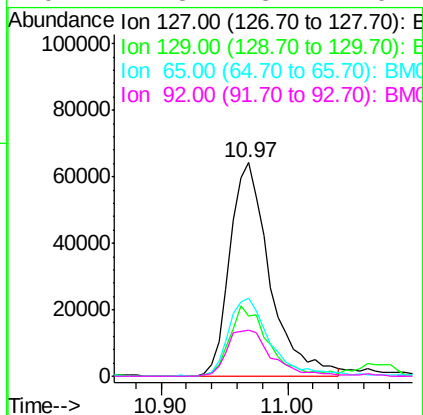
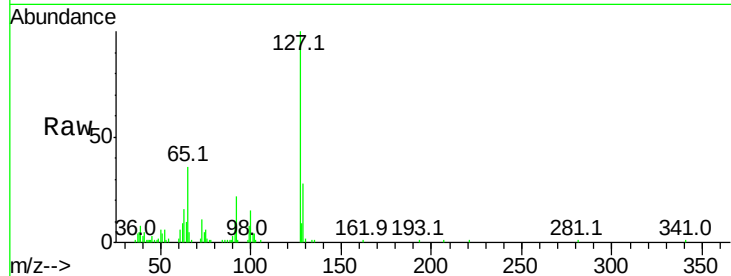




#33
4-Chloroaniline
Concen: 12.26 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

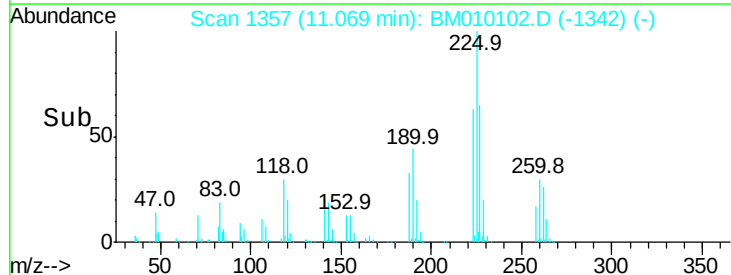
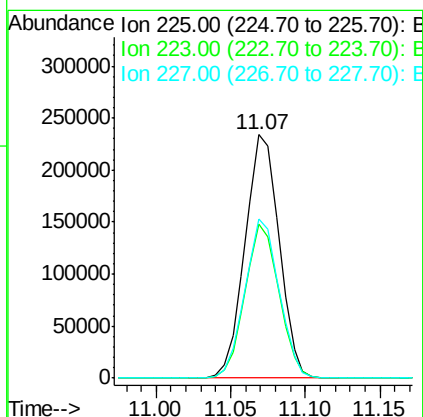
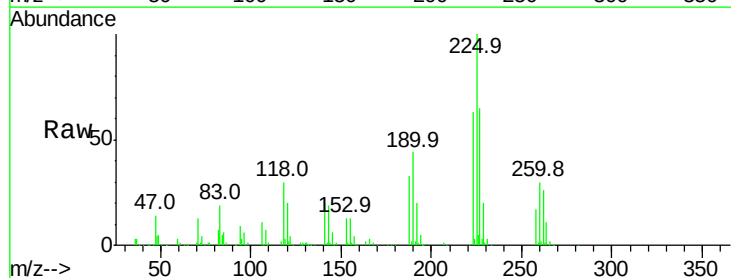
Instrument :
BNA_M
ClientSampleId :
PB99134BS

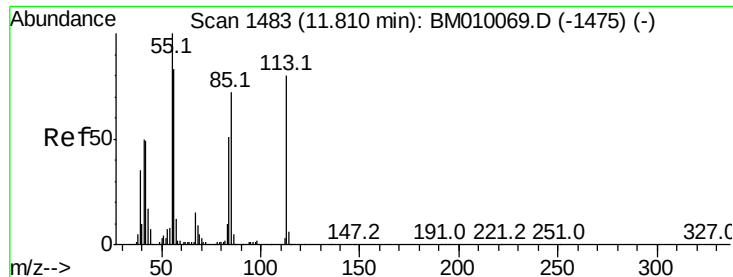
Tot Ion:	127	Resp:	140308
Ion	Ratio	Lower	Upper
127	100		
129	28.2	25.3	37.9
65	36.5	17.6	26.4
92	21.8	13.1	19.7



#34
Hexachlorobutadiene
Concen: 46.16 ng
RT: 11.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion:	225	Resp:	370260
Ion	Ratio	Lower	Upper
225	100		
223	63.3	47.9	71.9
227	65.5	50.1	75.1





#35

Caprolactam

Concen: 45.56 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.03 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

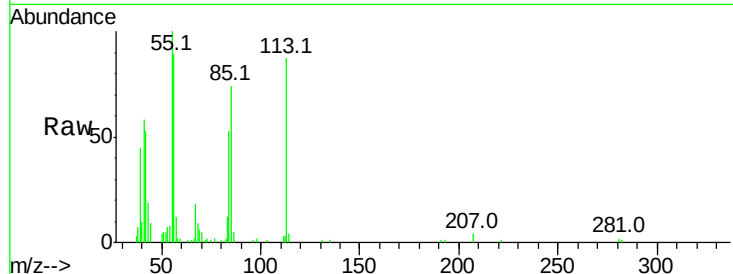
Tot Ion:113 Resp: 121478

Ion Ratio Lower Upper

113 100

55 114.8 145.9 185.9#

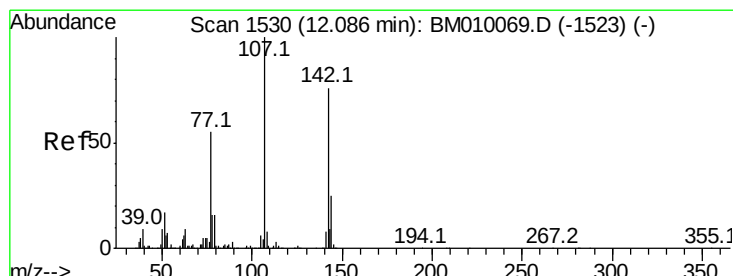
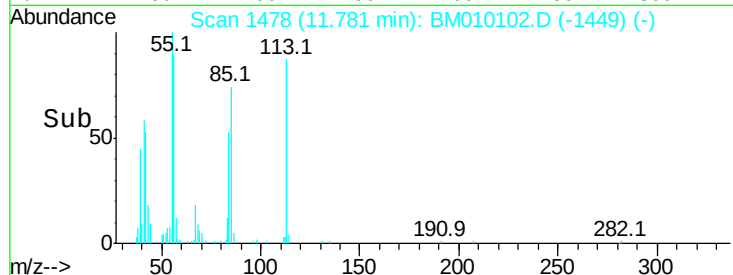
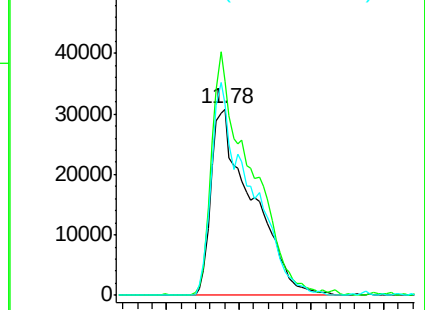
56 102.3 101.0 141.0



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: 45.70 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

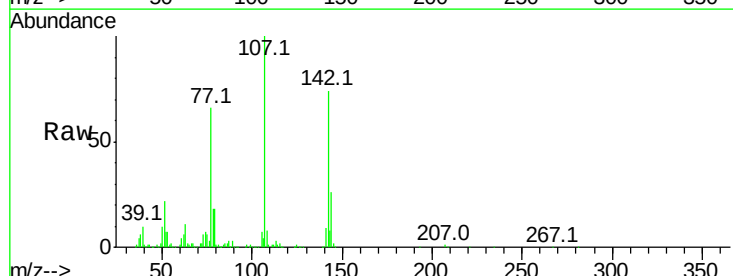
Tgt Ion:107 Resp: 459977

Ion Ratio Lower Upper

107 100

144 26.1 23.3 34.9

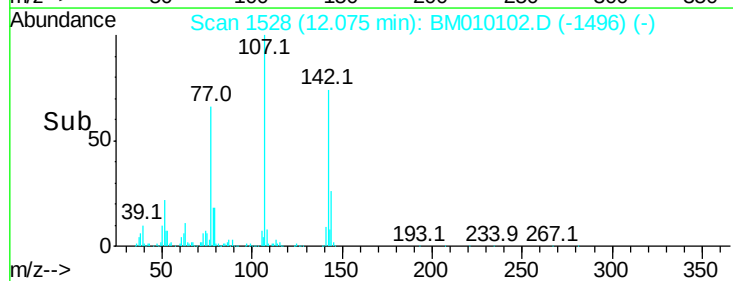
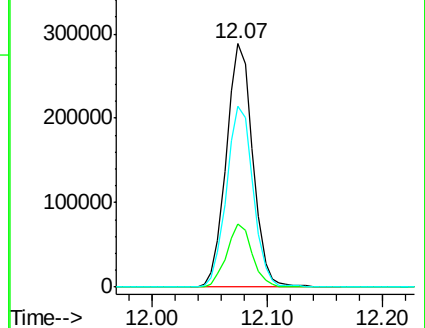
142 74.2 72.6 109.0

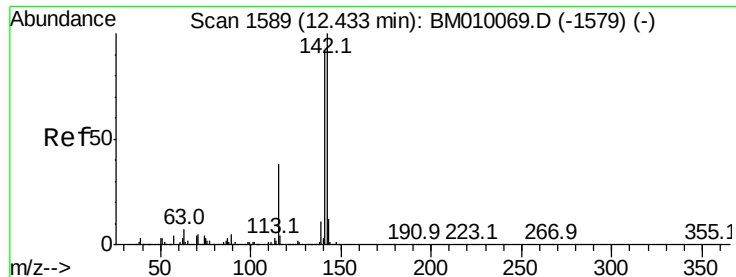


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

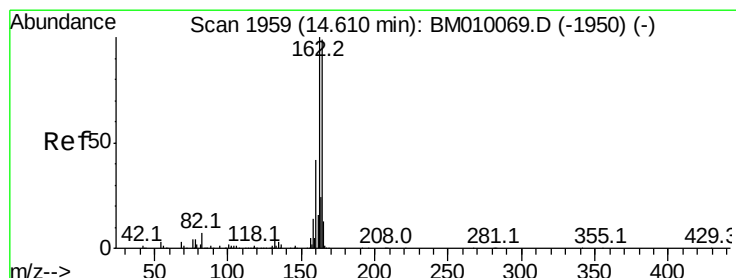
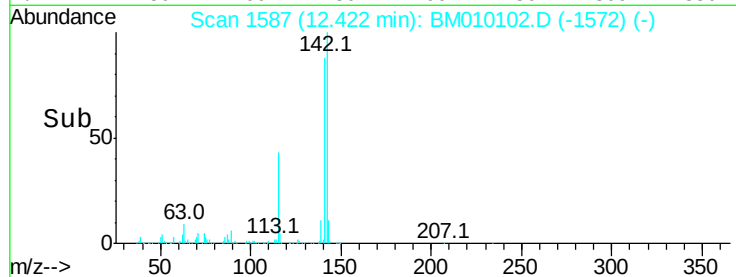
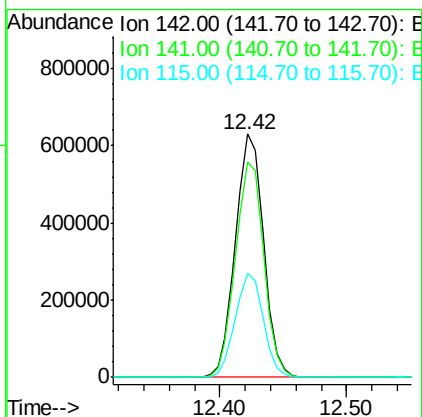
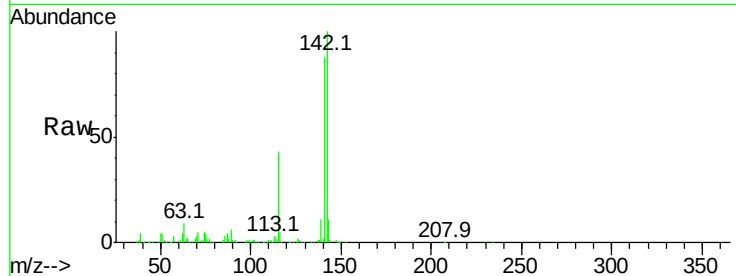




#37
 2-Methylnaphthalene
 Concen: 45.42 ng
 RT: 12.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

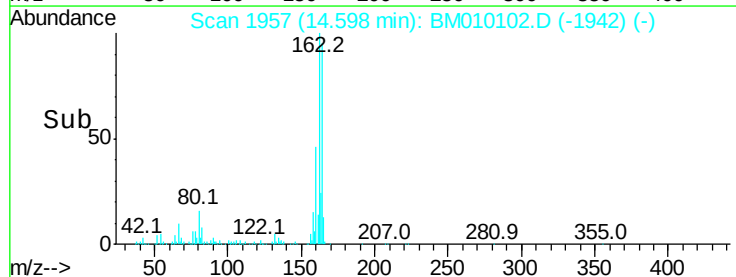
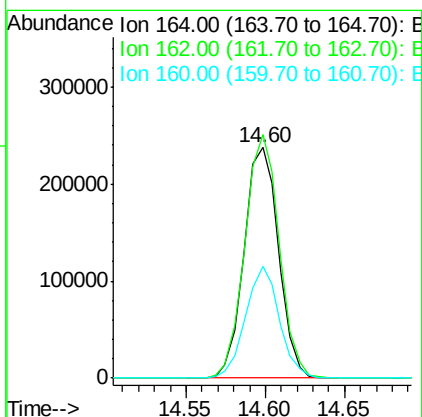
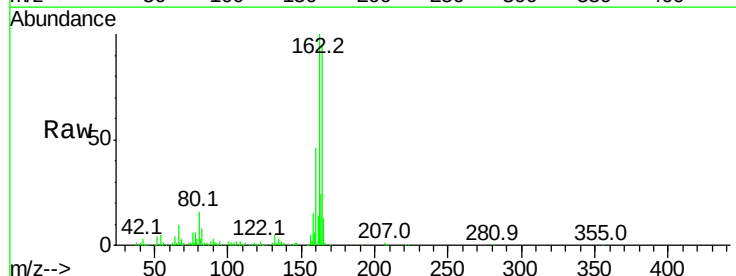
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

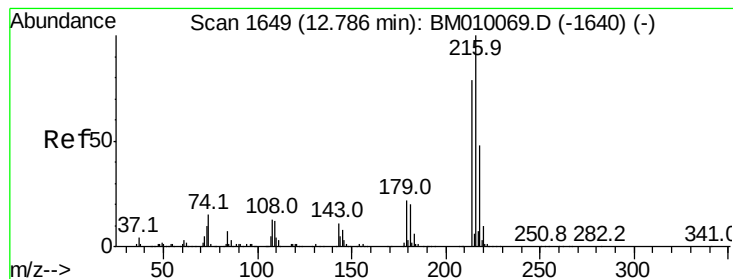
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9
115	43.0	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	48.7	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.93 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

Tot Ion:216 Resp: 633216

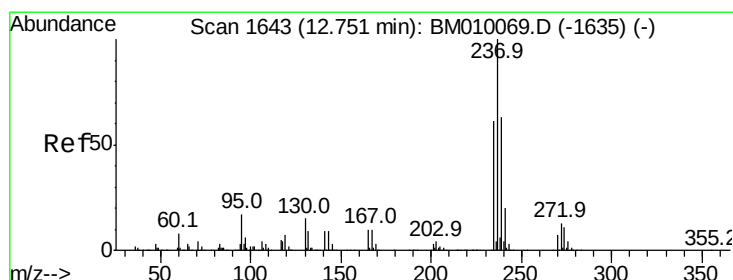
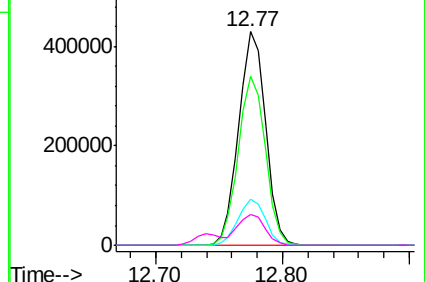
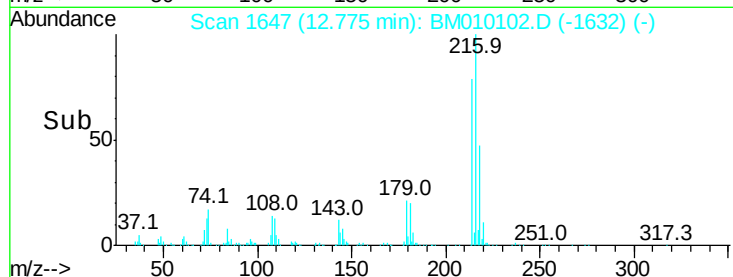
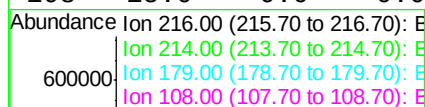
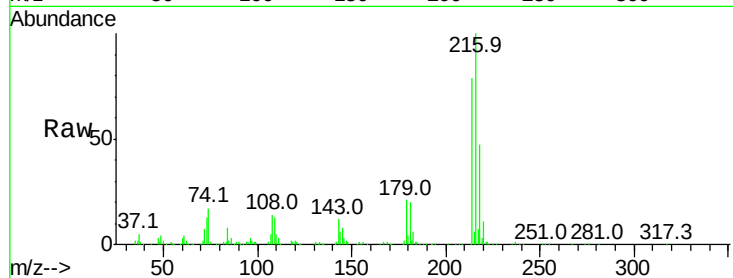
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 21.7 0.0 0.0#

108 15.0 0.0 0.0#



#40

Hexachlorocyclopentadiene

Concen: 118.22 ng

RT: 12.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

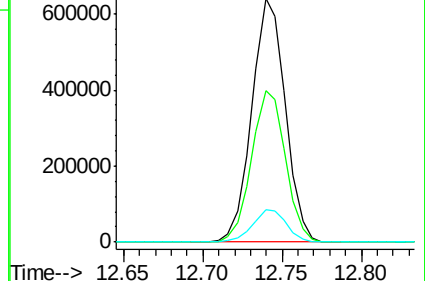
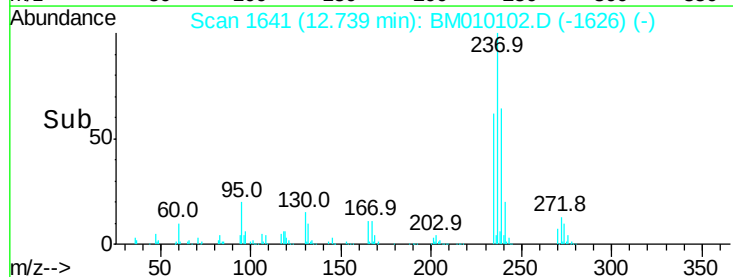
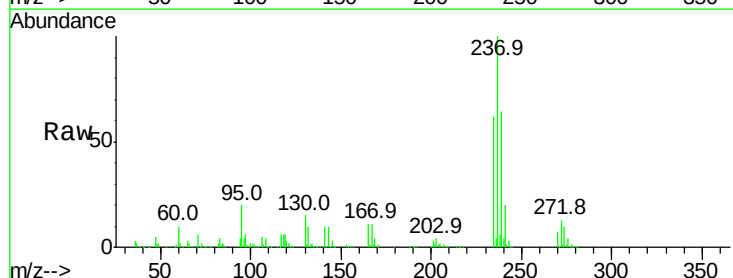
Tgt Ion:237 Resp: 941074

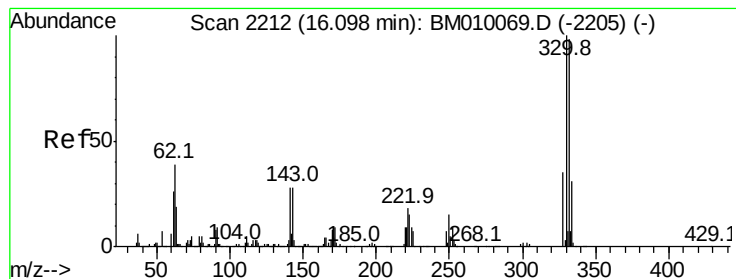
Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

272 13.4 0.0 33.4





#41

2,4,6-Tribromophenol

Concen: 157.52 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

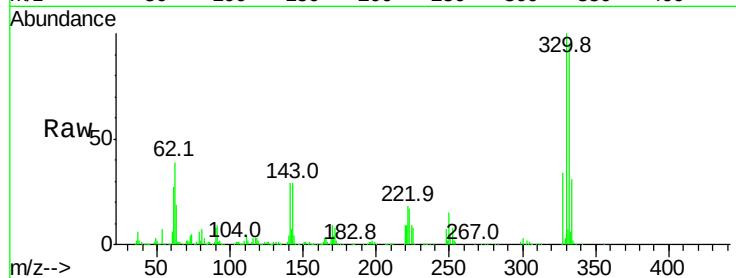
Tot Ion:330 Resp: 857742

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

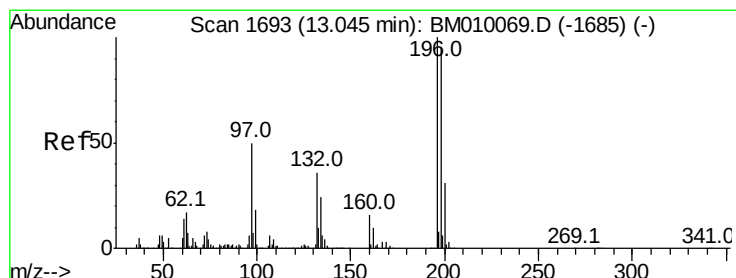
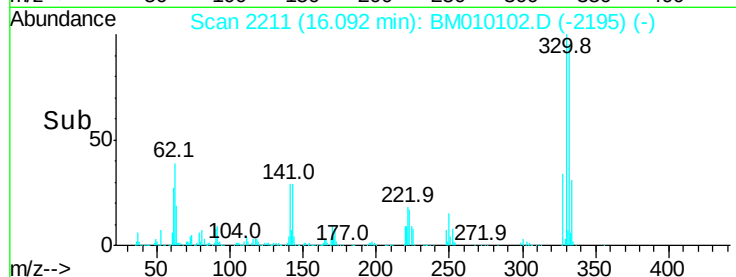
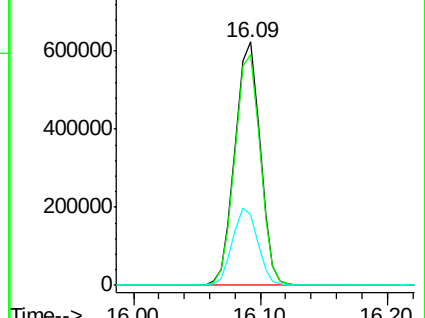
141 31.9 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 50.23 ng

RT: 13.03 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

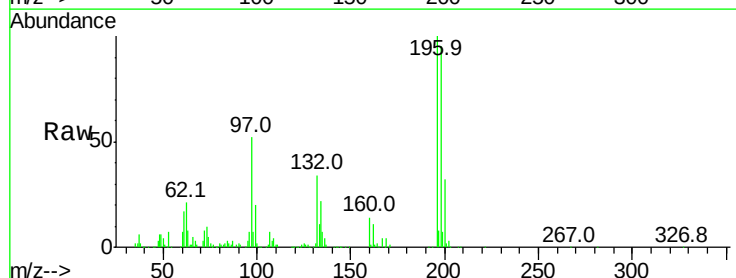
Tgt Ion:196 Resp: 407880

Ion Ratio Lower Upper

196 100

198 95.1 76.3 114.5

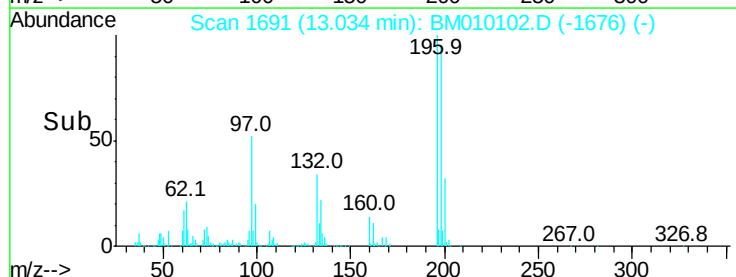
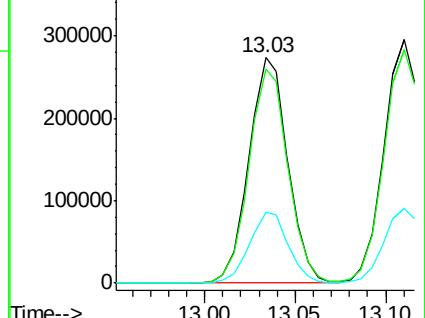
200 31.7 25.6 38.4

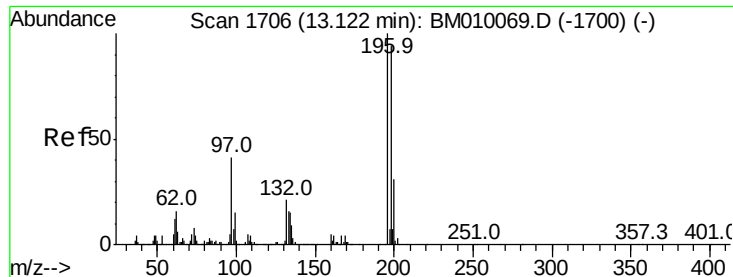


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

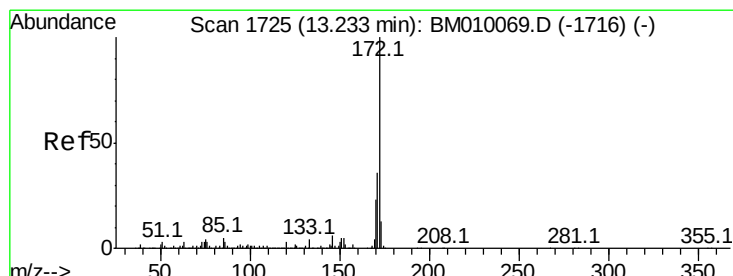
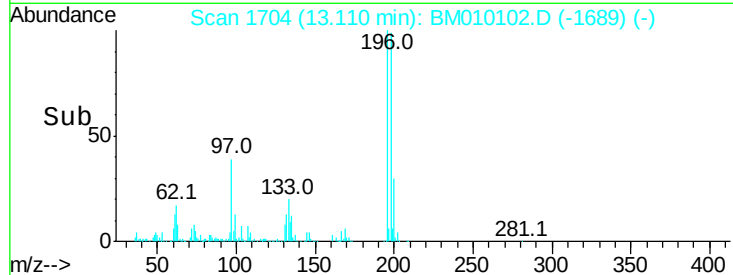
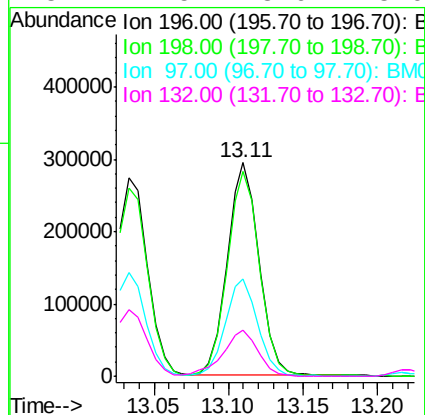
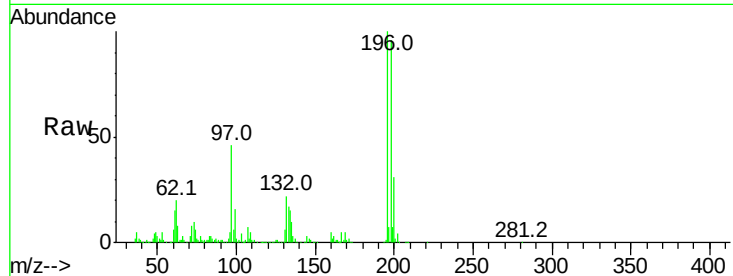




#43
 2,4,5-Trichlorophenol
 Concen: 48.69 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

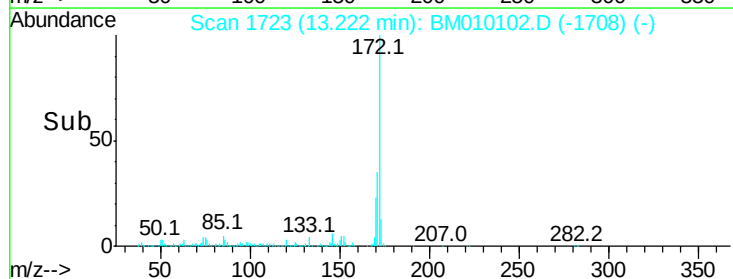
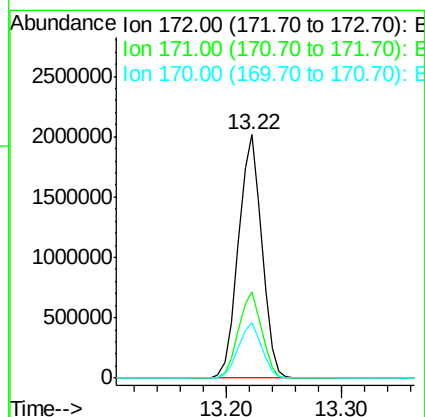
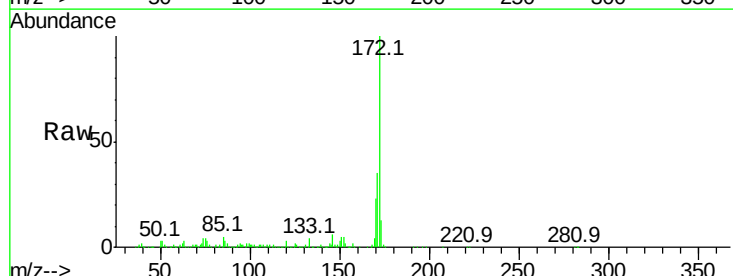
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

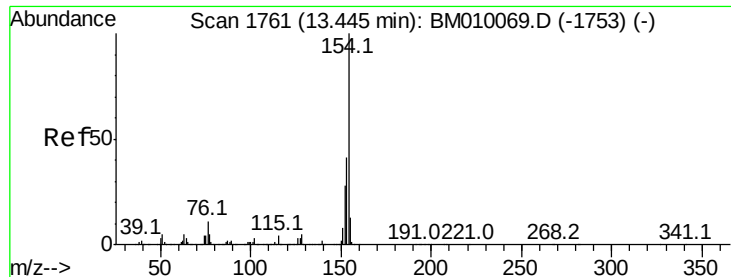
Tot Ion:	196	Resp:	436915
Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.0
97	45.6	26.8	40.2#
132	21.5	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 101.19 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion:	172	Resp:	2822023
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.7	18.8	28.2





#45

1,1'-Biphenyl

Concen: 45.18 ng

RT: 13.43 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

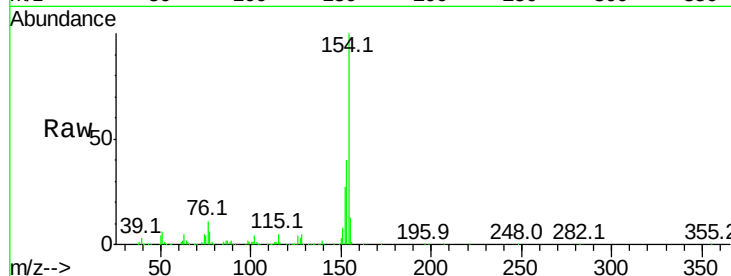
BNA_M

ClientSampleId :

PB99134BS

Tot Ion:154 Resp: 1332031

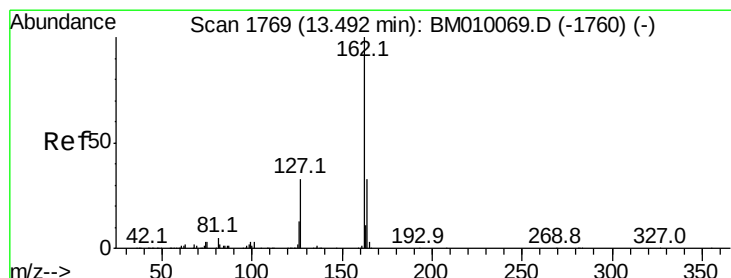
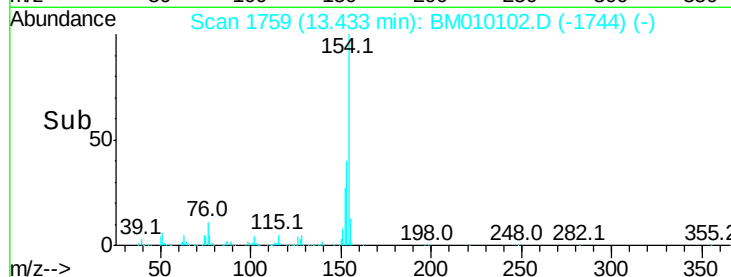
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	10.8	0.0	30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 44.27 ng

RT: 13.48 min Scan# 1767

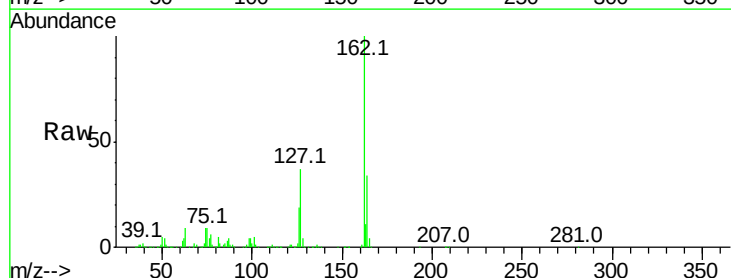
Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion:162 Resp: 1056743

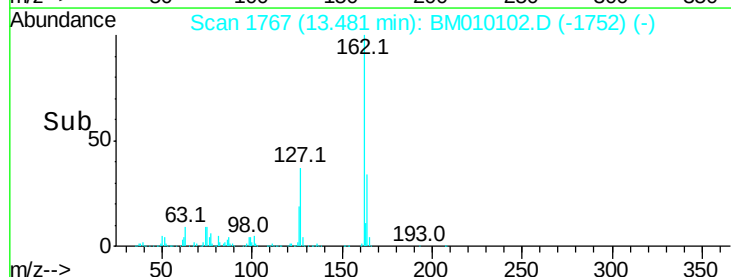
Ion	Ratio	Lower	Upper
162	100		
127	37.5	26.9	40.3
164	33.5	26.8	40.2

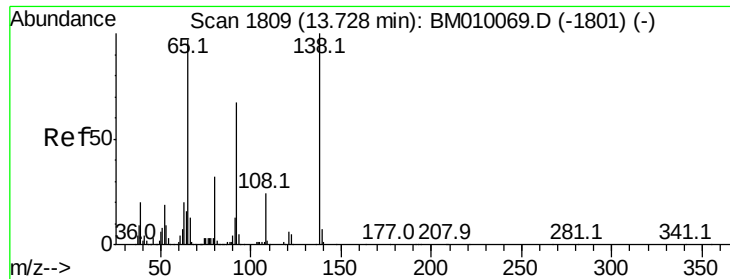


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

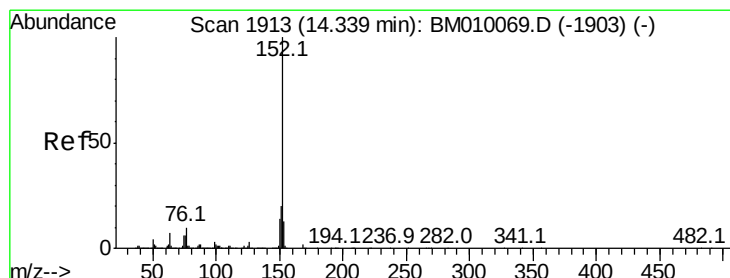
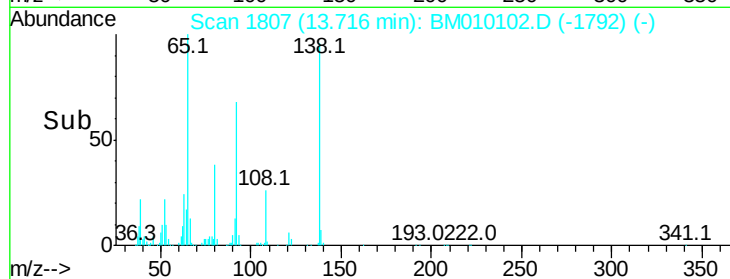
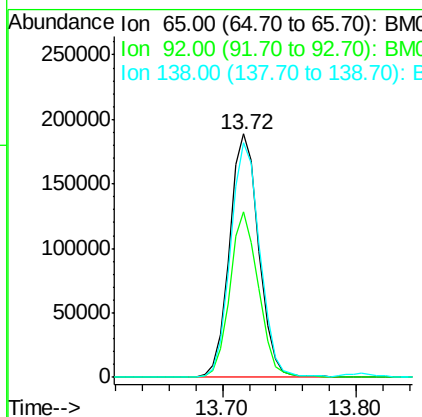
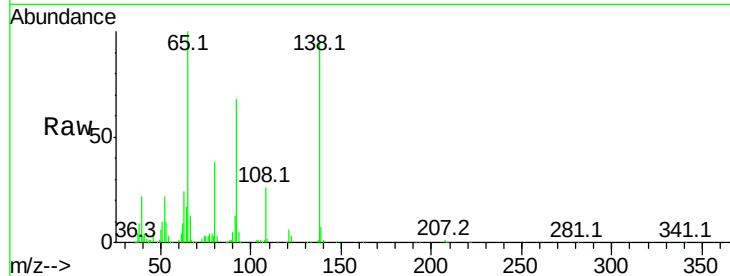




#47
2-Nitroaniline
Concen: 47.08 ng
RT: 13.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

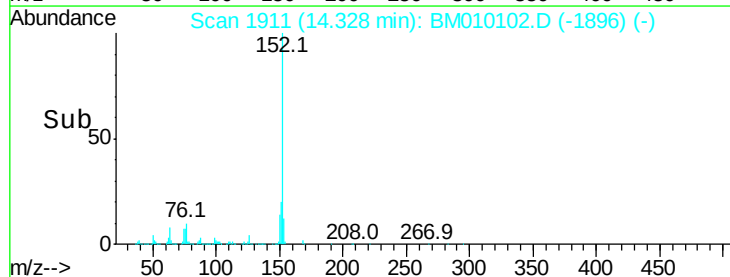
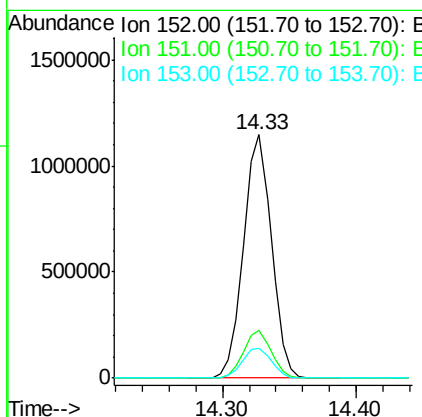
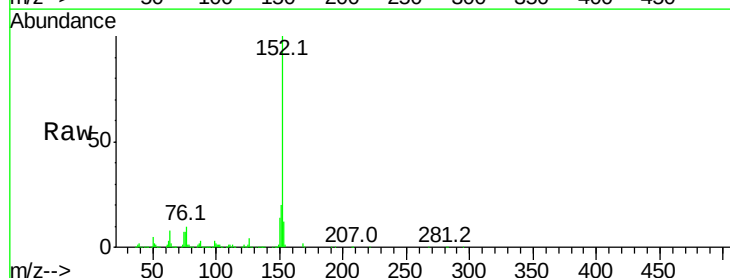
Instrument :
BNA_M
ClientSampleId :
PB99134BS

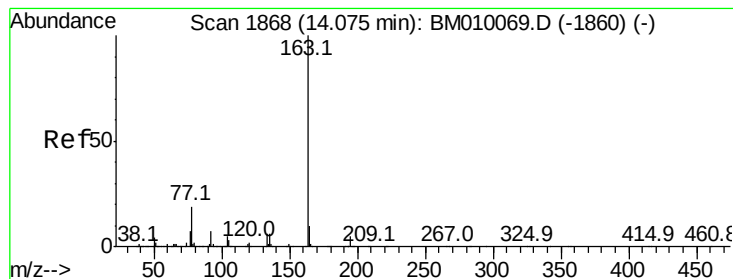
Tot Ion: 65 Resp: 289019
Ion Ratio Lower Upper
65 100
92 67.8 59.1 88.7
138 96.2 93.9 140.9



#48
Acenaphthylene
Concen: 46.83 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion: 152 Resp: 1653042
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.2 10.6 16.0





#49

Dimethylphthalate

Concen: 43.08 ng

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

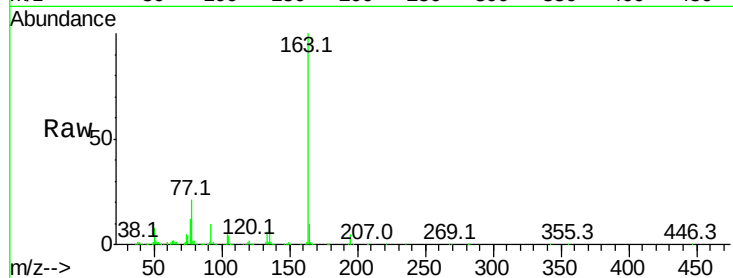
Tot Ion:163 Resp: 1377686

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

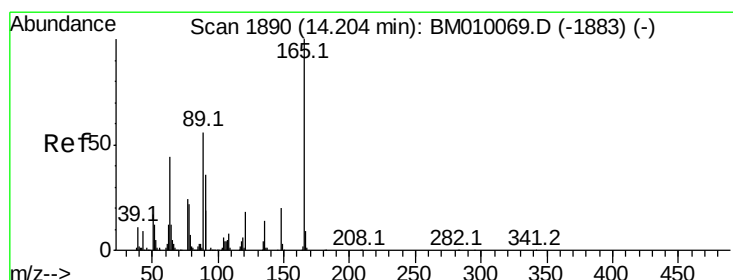
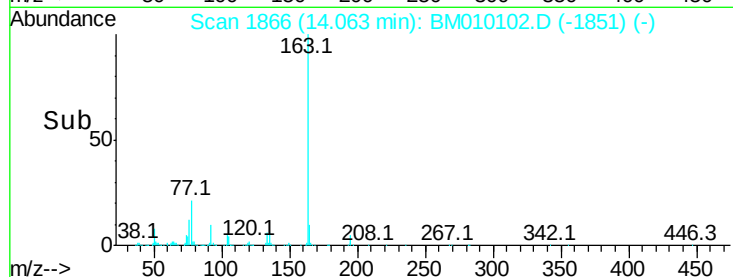
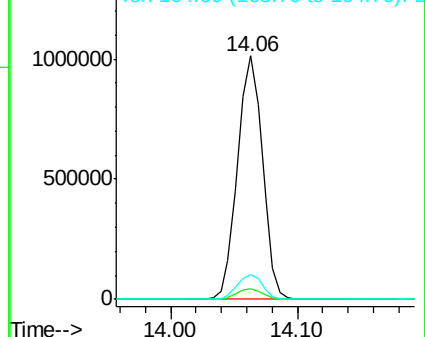
164 9.9 8.2 12.2



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: 48.91 ng

RT: 14.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

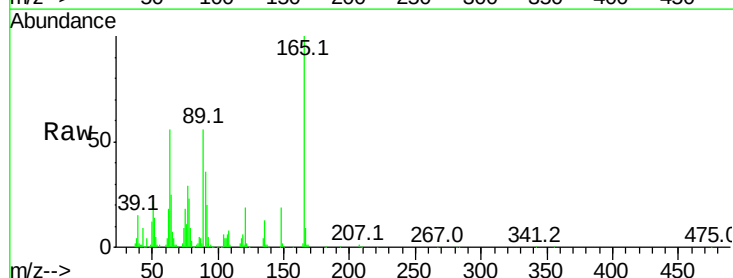
Tgt Ion:165 Resp: 297027

Ion Ratio Lower Upper

165 100

63 56.2 44.1 66.1

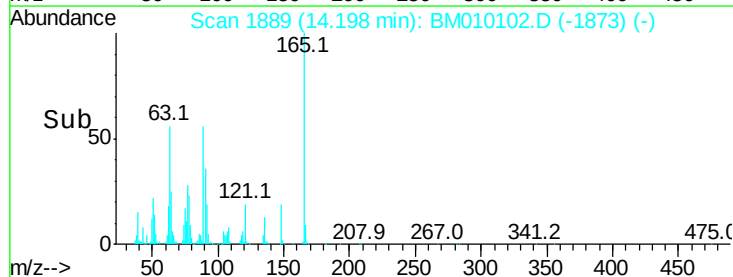
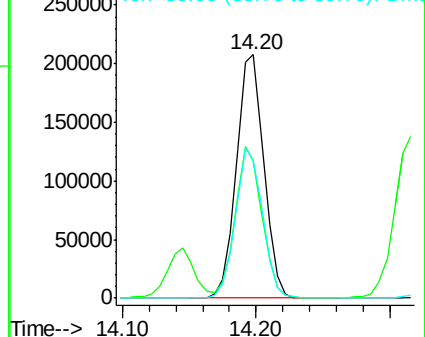
89 56.5 44.3 66.5

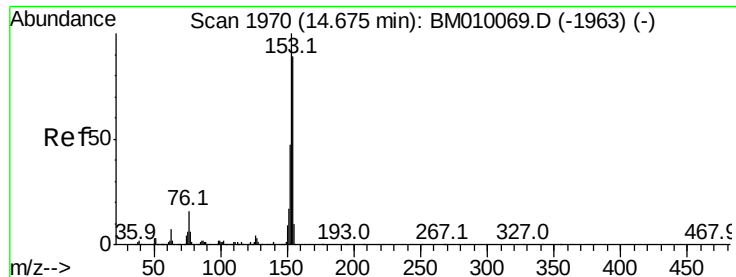


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.77 ng

RT: 14.66 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

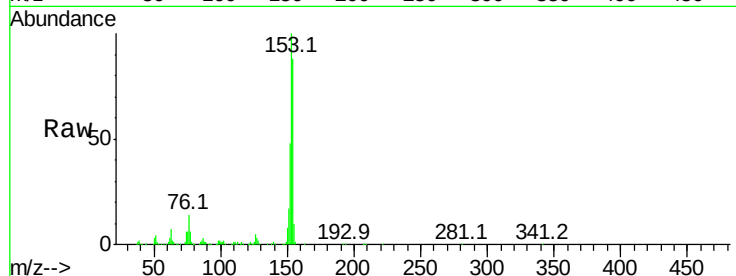
Tot Ion:154 Resp: 1004301

Ion Ratio Lower Upper

154 100

153 113.8 90.0 135.0

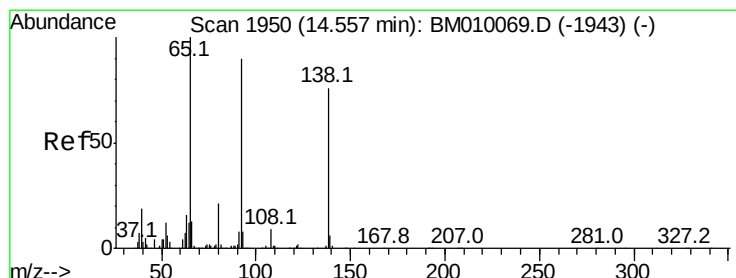
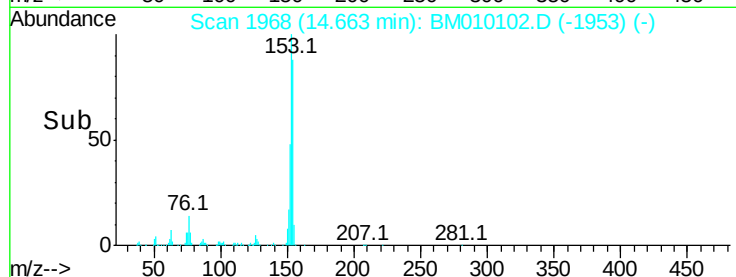
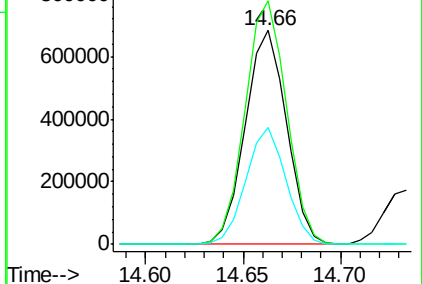
152 54.6 42.6 63.8



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: 39.09 ng

RT: 14.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

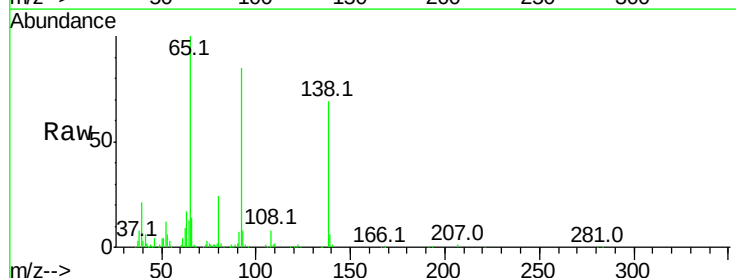
Tgt Ion:138 Resp: 220639

Ion Ratio Lower Upper

138 100

108 11.5 7.3 10.9#

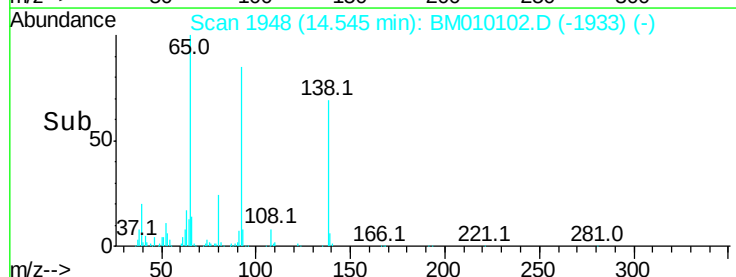
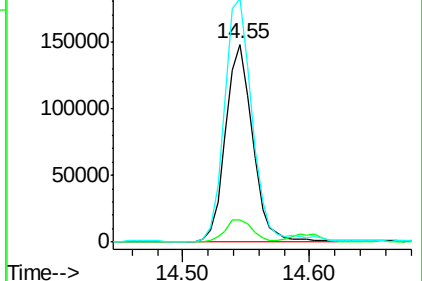
92 123.0 76.6 114.8#

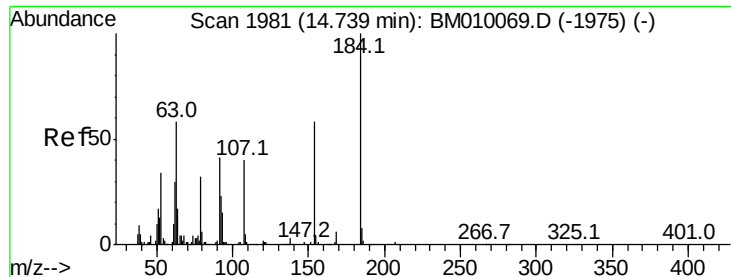


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





#53

2,4-Dinitrophenol

Concen: 88.62 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

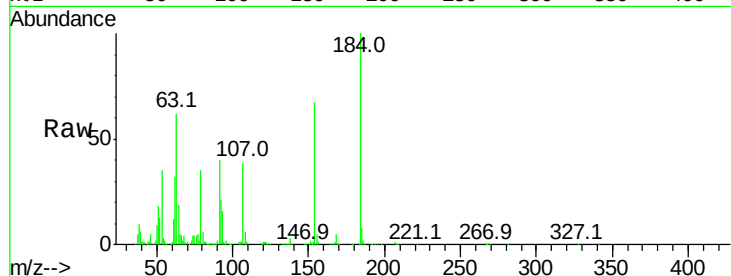
Tot Ion:184 Resp: 360572

Ion Ratio Lower Upper

184 100

63 61.5 69.2 103.8#

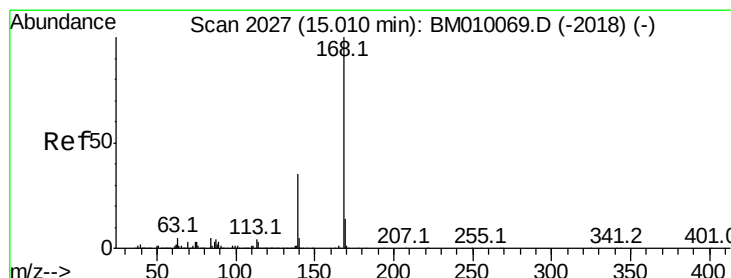
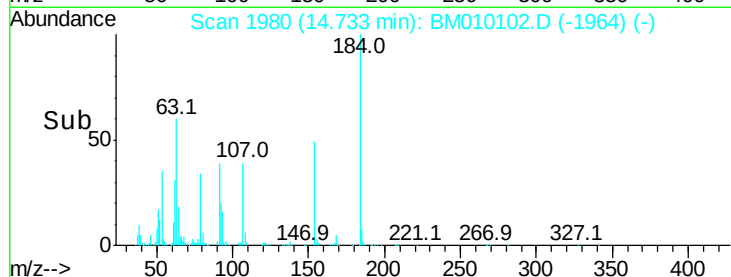
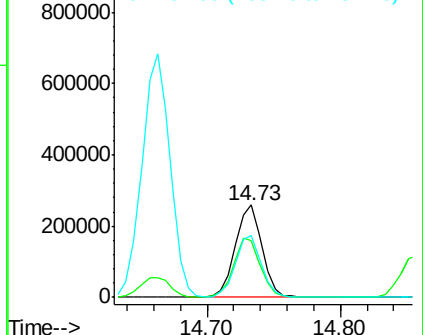
154 66.8 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM010102.D (-1975) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.59 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

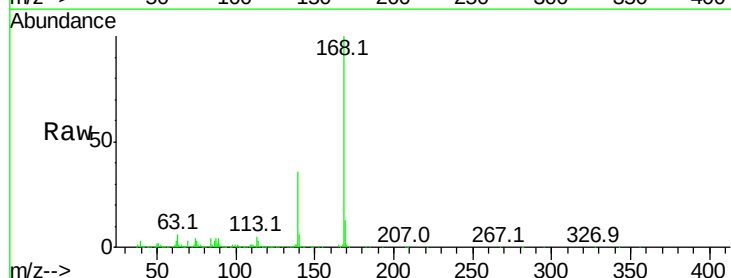
Tgt Ion:168 Resp: 1711134

Ion Ratio Lower Upper

168 100

139 36.4 27.3 40.9

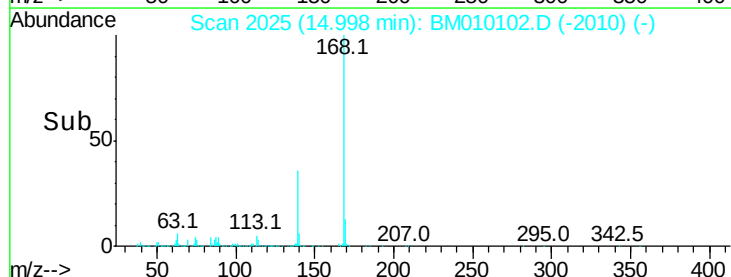
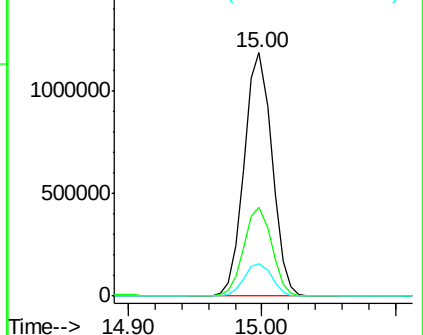
169 13.1 10.6 16.0

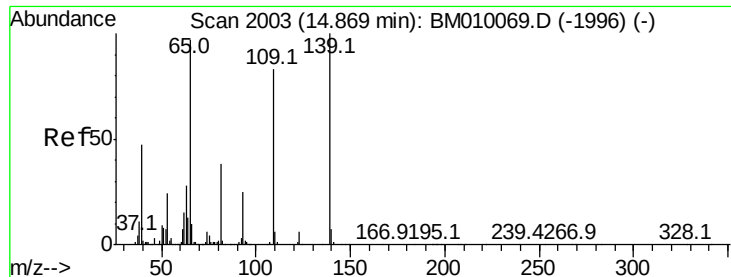


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

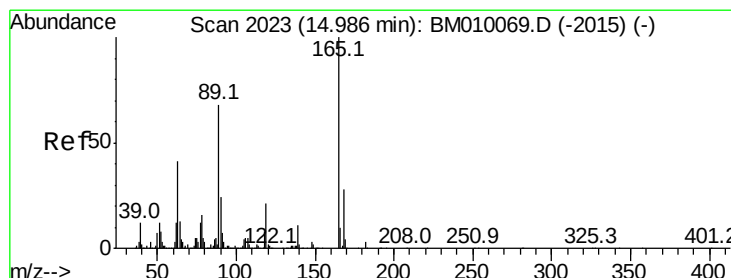
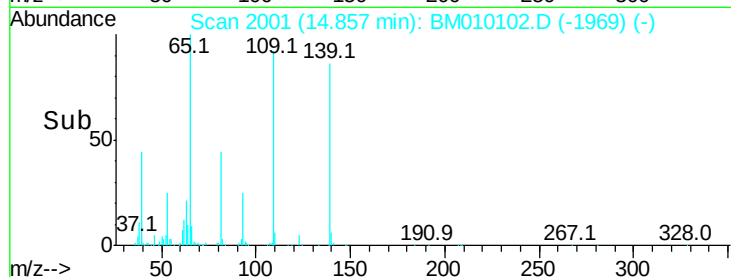
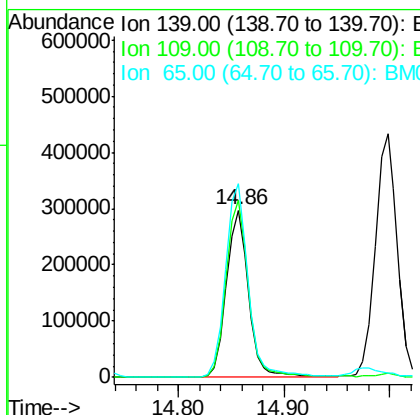
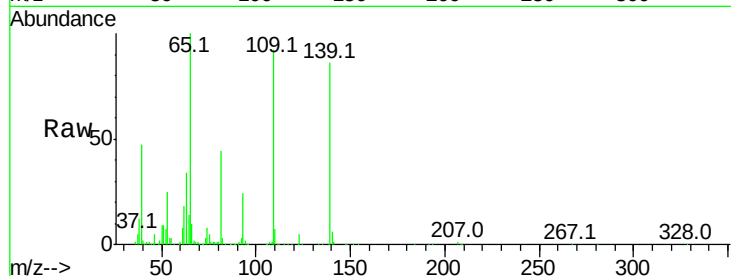




#55
4-Nitrophenol
Concen: 95.33 ng
RT: 14.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

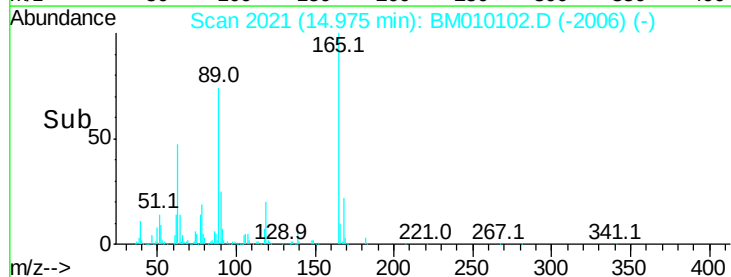
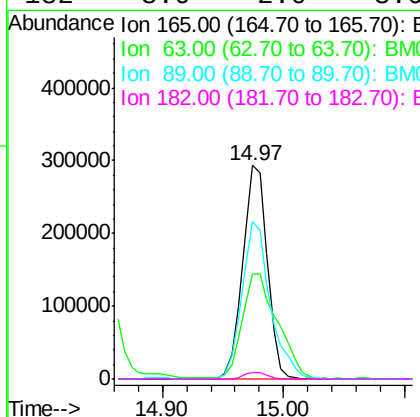
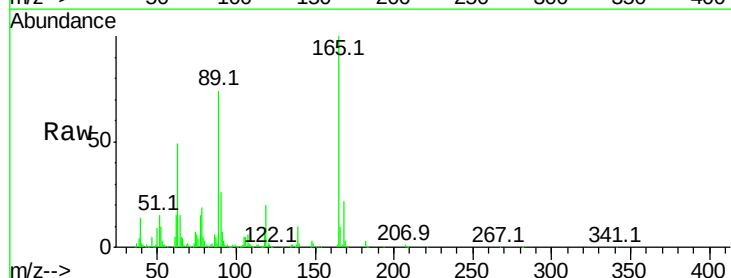
Instrument :
BNA_M
ClientSampleId :
PB99134BS

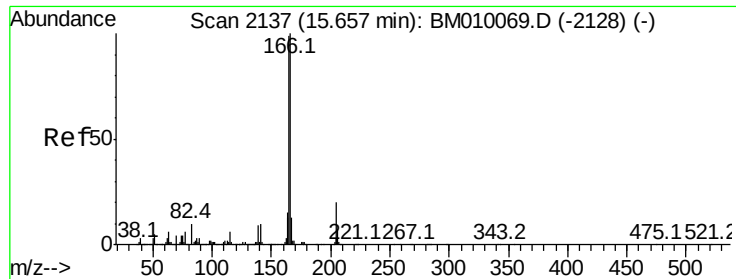
Tot Ion	Ratio	Lower	Upper
139	100		
109	106.3	37.7	77.7#
65	116.0	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 48.68 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.9	52.4	78.6#
89	73.9	72.4	108.6
182	3.0	2.0	3.0#





#57

Fluorene

Concen: 46.28 ng

RT: 15.65 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

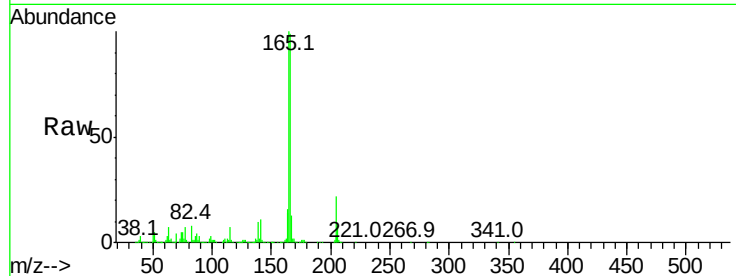
Tot Ion:166 Resp: 1388790

Ion Ratio Lower Upper

166 100

165 101.5 79.0 118.4

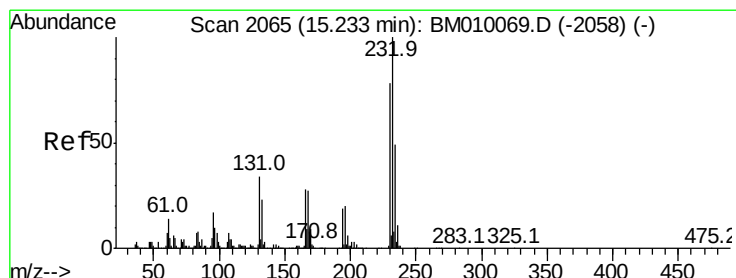
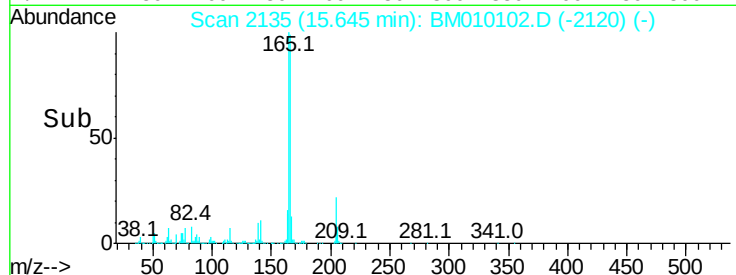
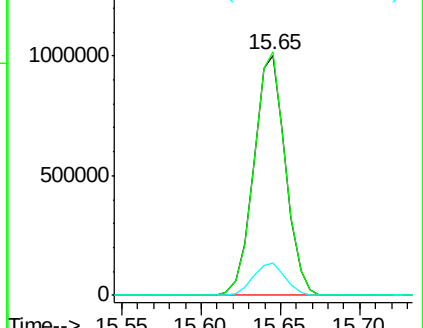
167 13.7 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.35 ng

RT: 15.22 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion:232 Resp: 423050

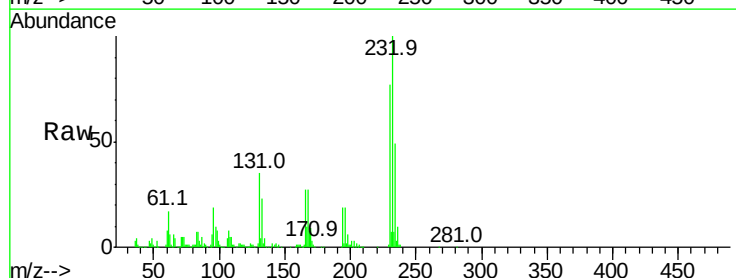
Ion Ratio Lower Upper

232 100

131 36.4 0.0 0.0#

130 2.2 0.0 0.0#

166 27.9 0.0 0.0#

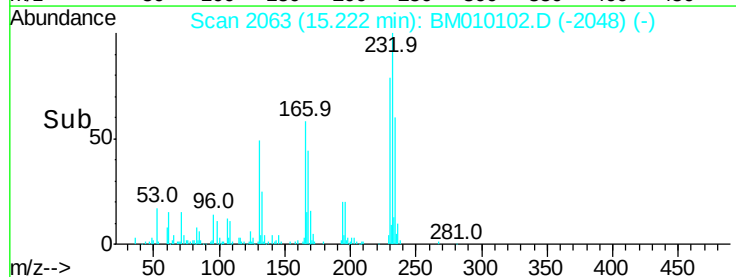
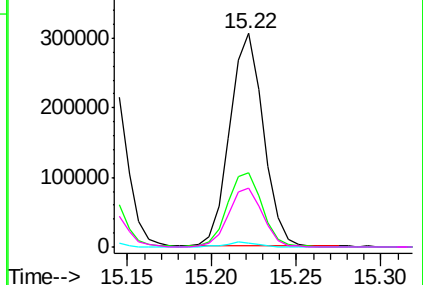


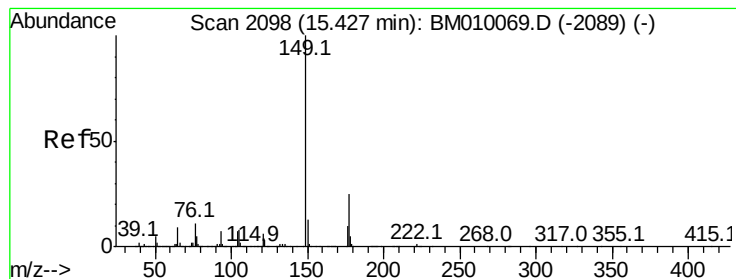
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.42 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

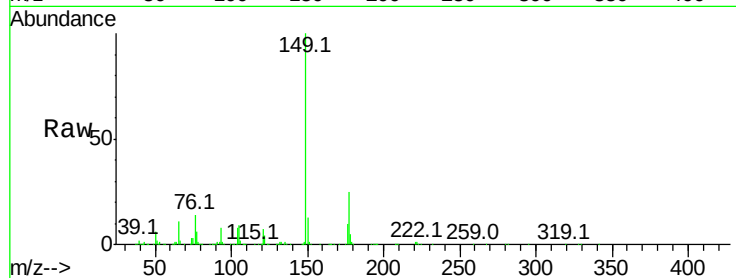
BNA_M

ClientSampleId :

PB99134BS

Tot Ion:149 Resp: 1343129

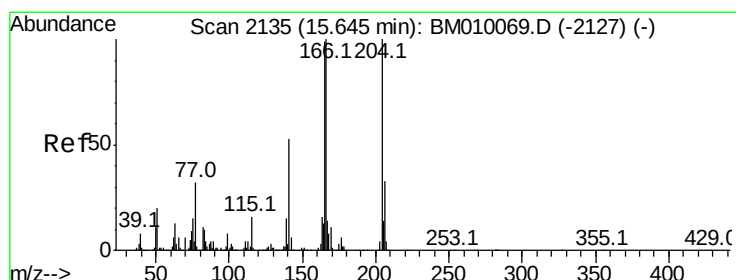
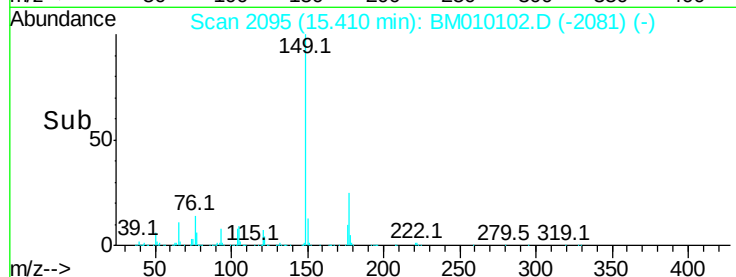
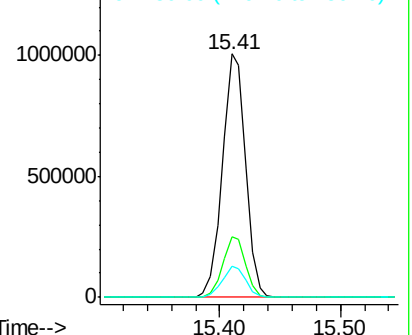
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	12.8	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.99 ng

RT: 15.63 min Scan# 2133

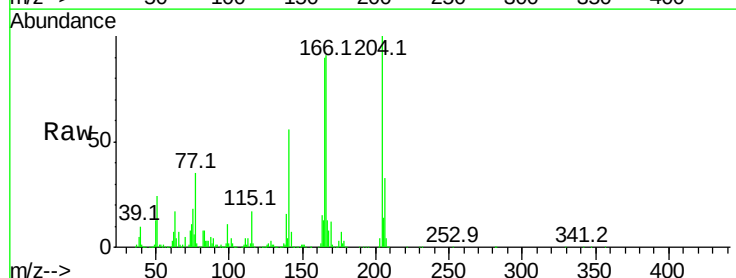
Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion:204 Resp: 774787

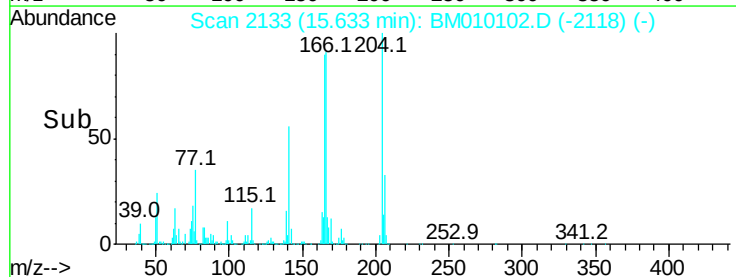
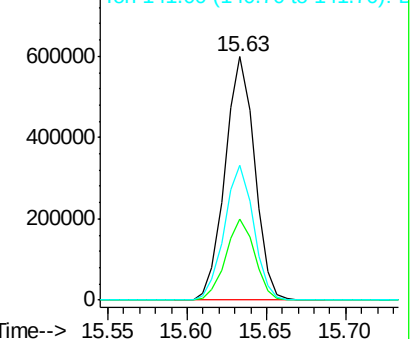
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	55.5	45.2	67.8

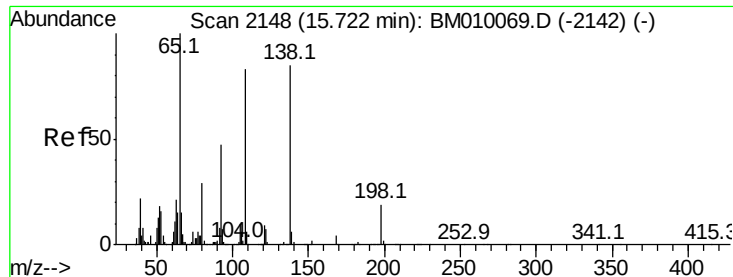


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.22 ng

RT: 15.71 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

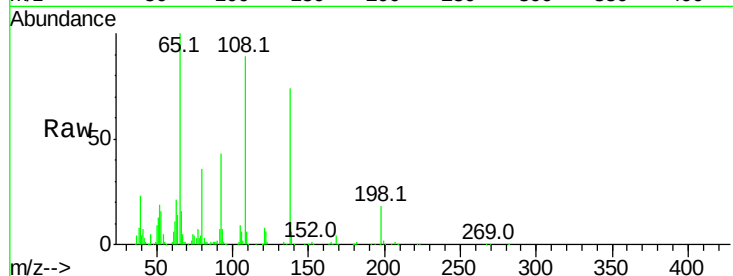
Tot Ion:138 Resp: 247632

Ion Ratio Lower Upper

138 100

92 57.8 16.7 56.7#

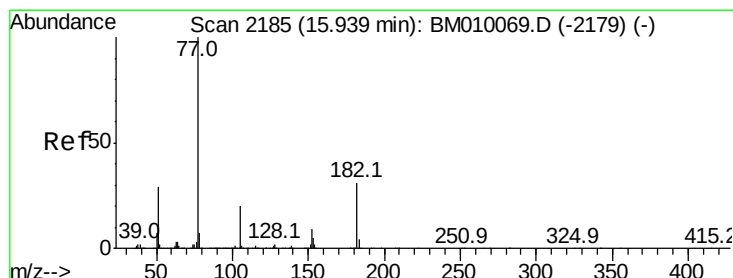
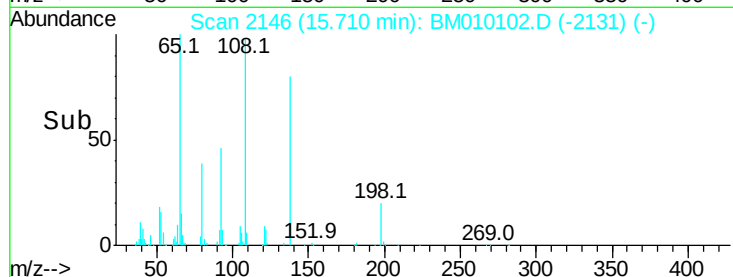
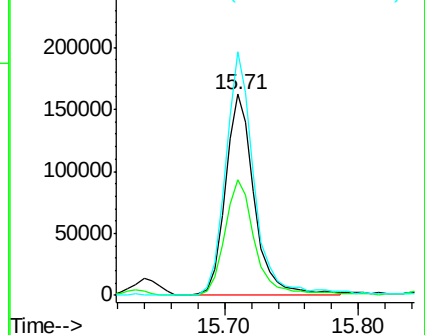
108 121.2 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.01 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion: 77 Resp: 1267471

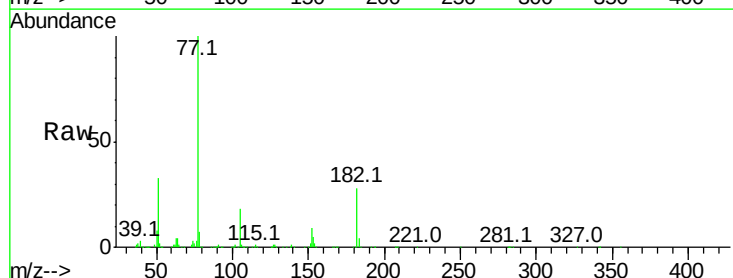
Ion Ratio Lower Upper

77 100

182 28.4 6.5 46.5

105 17.9 3.8 43.8

51 32.7 5.5 45.5

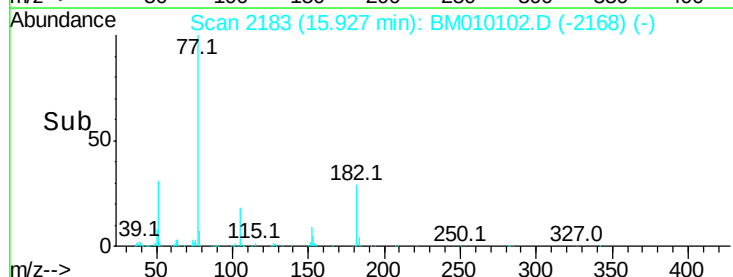
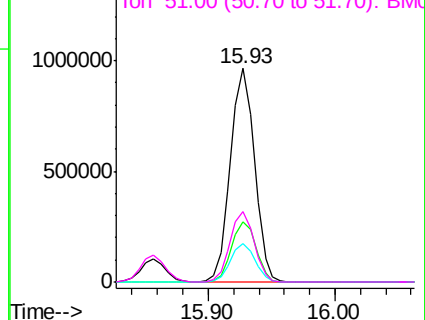


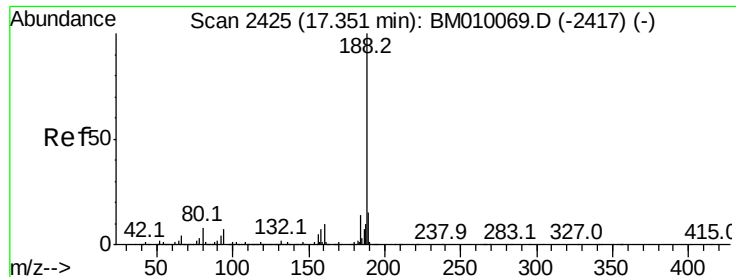
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

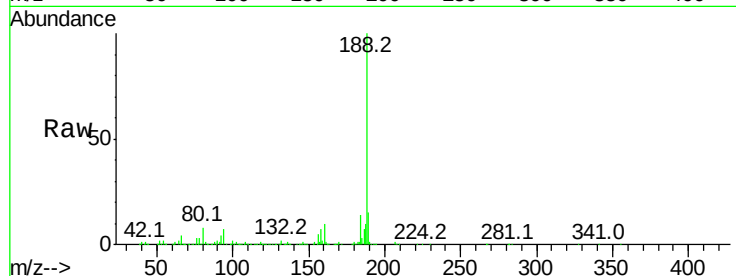
Tot Ion:188 Resp: 885437

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

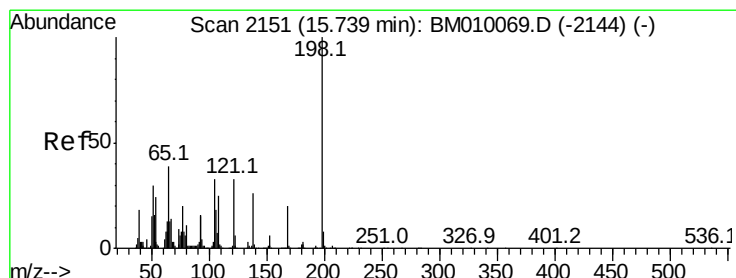
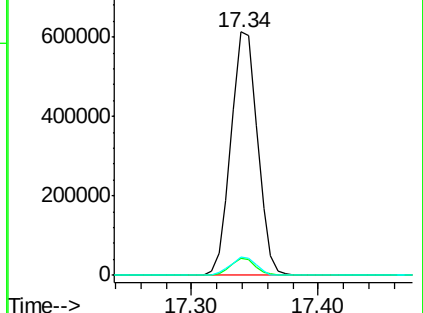
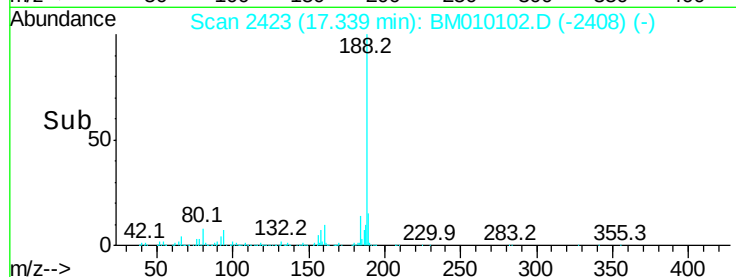
80 7.7 9.3 13.9#



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: 45.86 ng

RT: 15.73 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

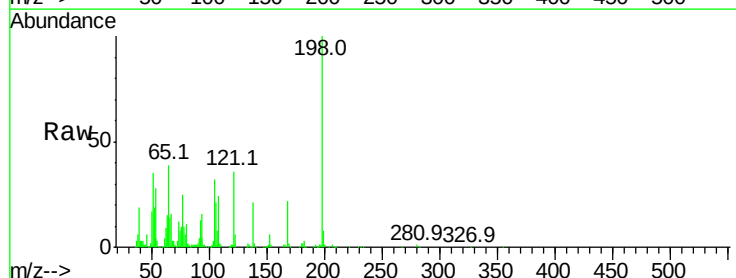
Tgt Ion:198 Resp: 248077

Ion Ratio Lower Upper

198 100

51 34.6 28.8 68.8

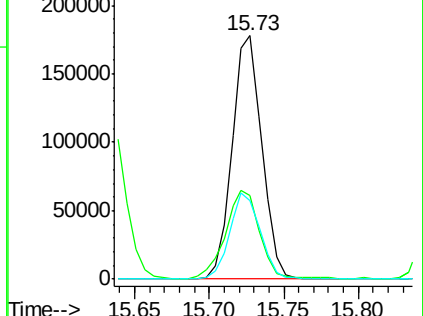
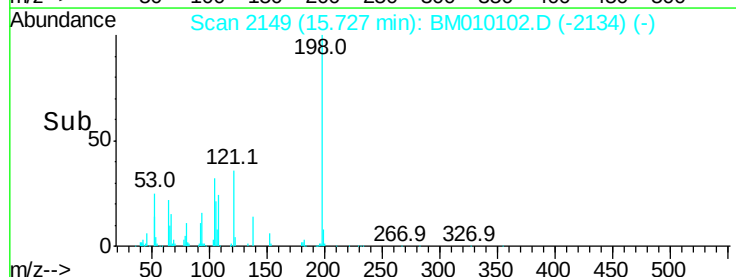
105 32.1 30.5 70.5

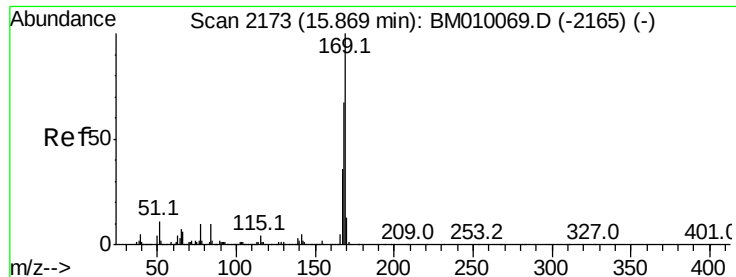


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.95 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

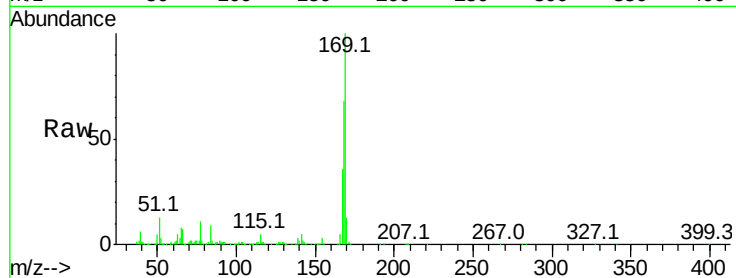
Tot Ion:169 Resp: 1219314

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

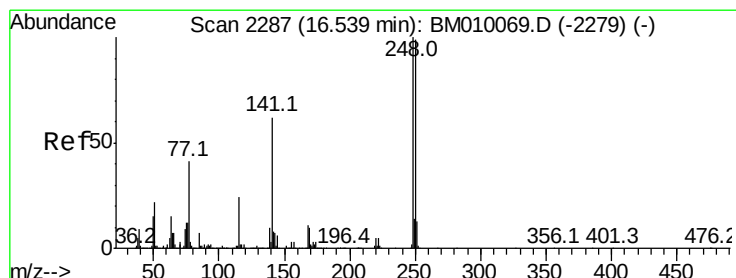
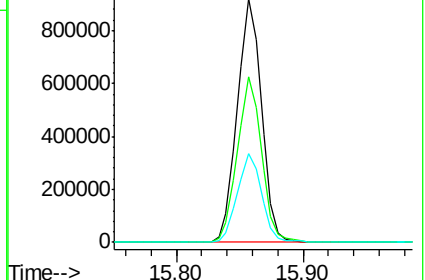
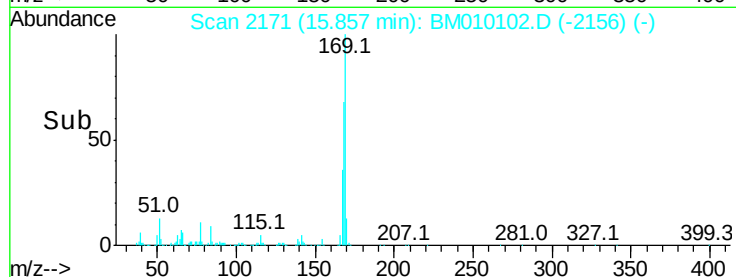
167 36.3 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.85 ng

RT: 16.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

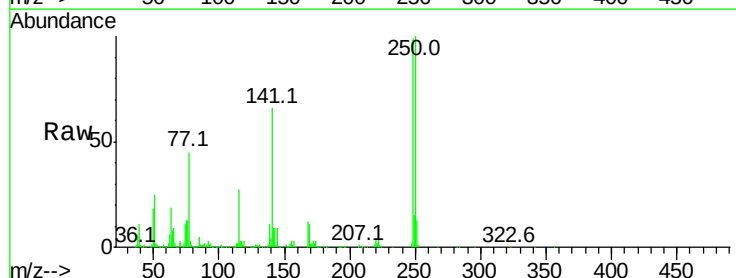
Tgt Ion:248 Resp: 519729

Ion Ratio Lower Upper

248 100

250 100.5 77.4 116.0

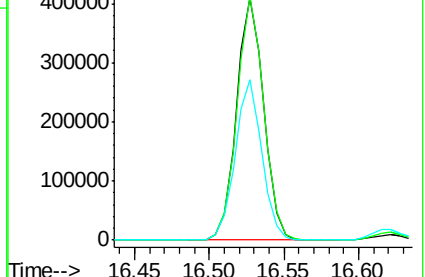
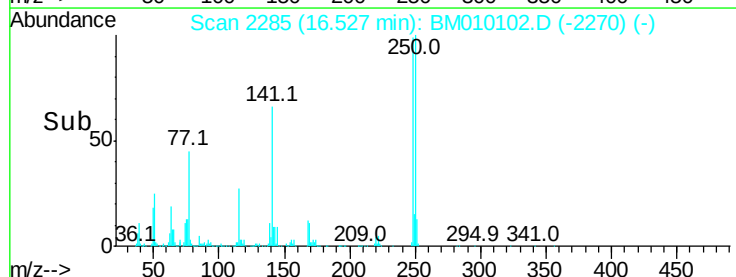
141 66.2 45.2 67.8

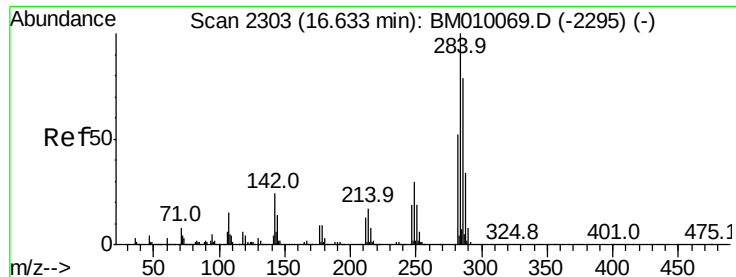


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.17 ng

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

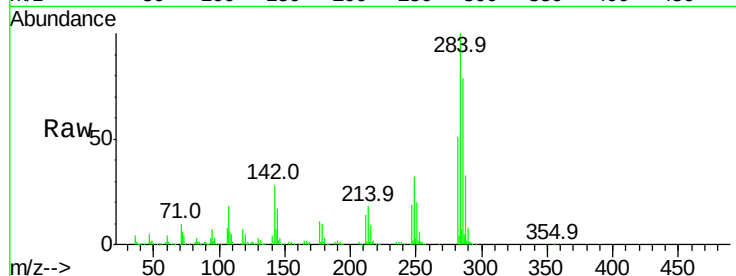
Tot Ion:284 Resp: 594544

Ion Ratio Lower Upper

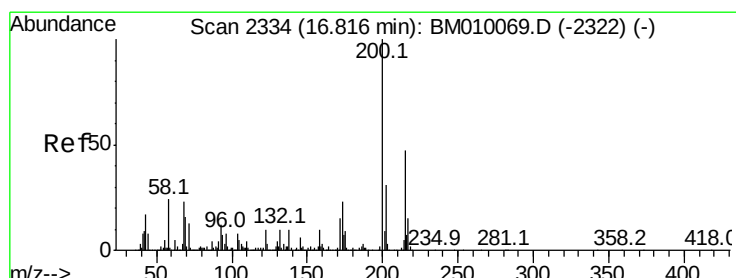
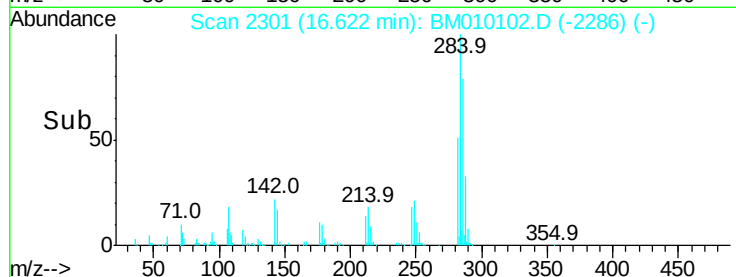
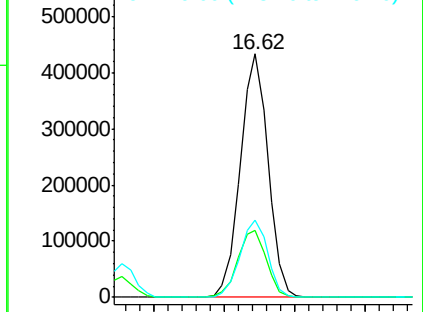
284 100

142 27.6 20.4 30.6

249 31.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.03 ng

RT: 16.80 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

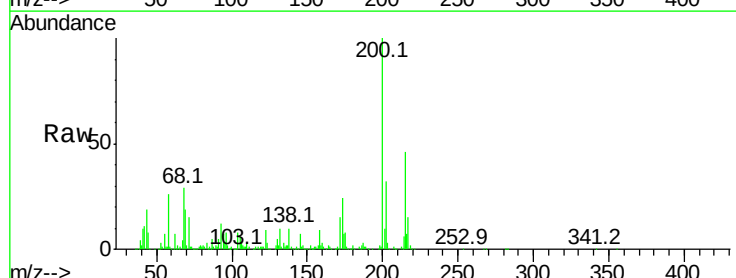
Tgt Ion:200 Resp: 503424

Ion Ratio Lower Upper

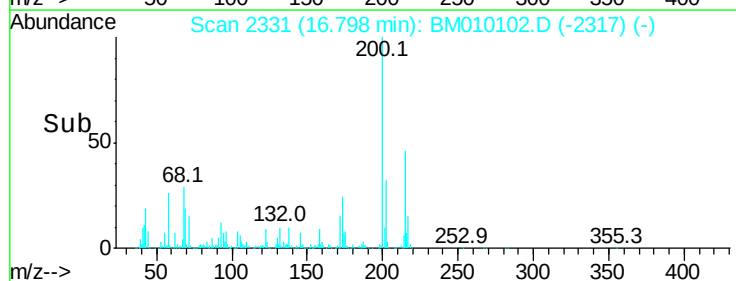
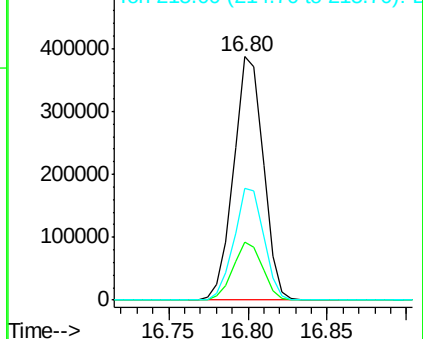
200 100

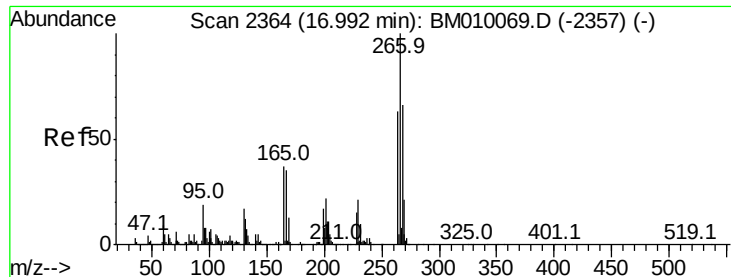
173 24.0 4.8 44.8

215 46.1 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

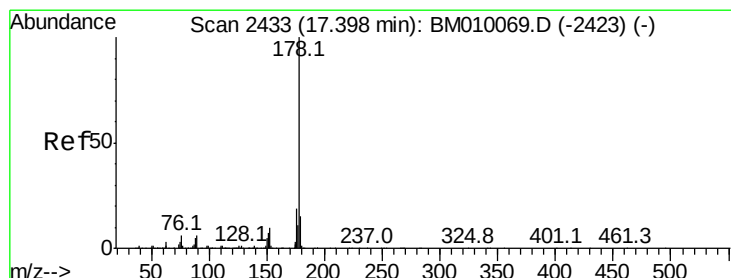
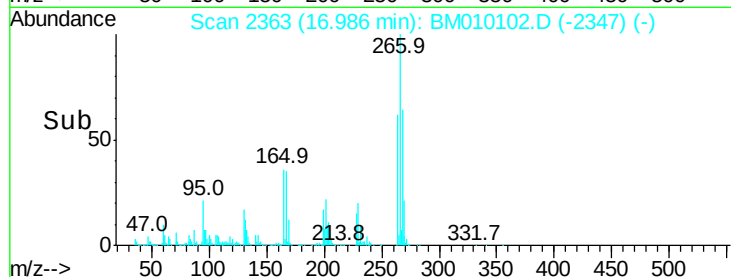
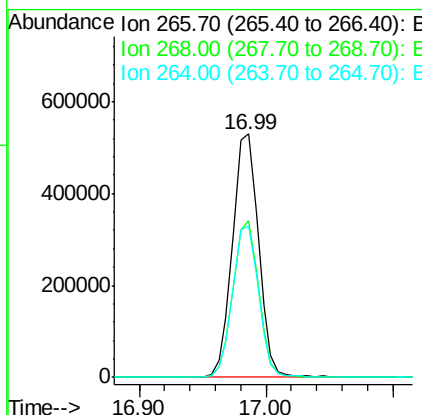
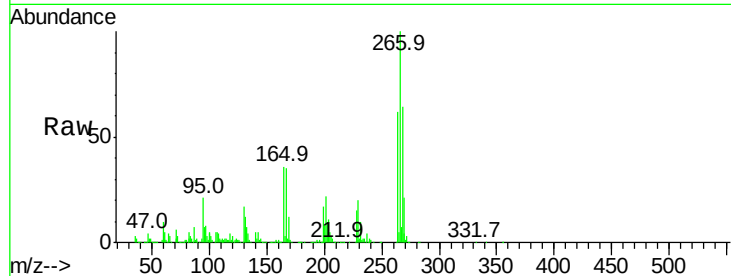




#69
 Pentachlorophenol
 Concen: 99.62 ng
 RT: 16.99 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

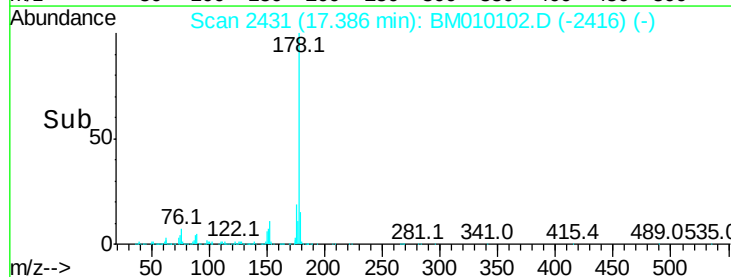
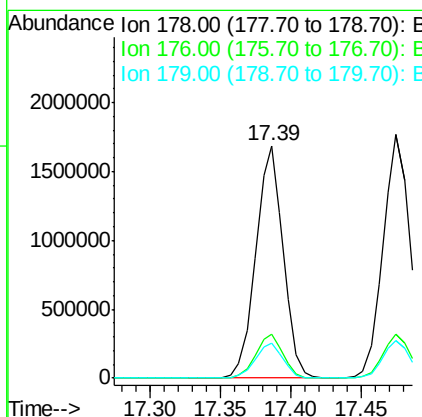
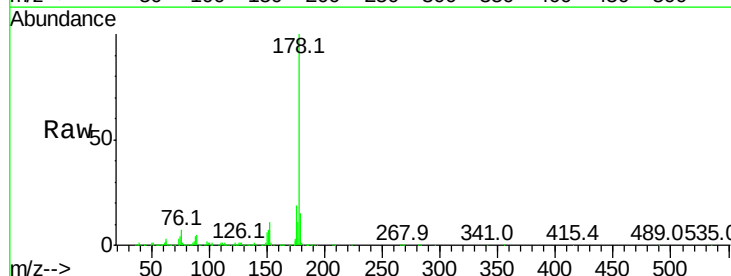
Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

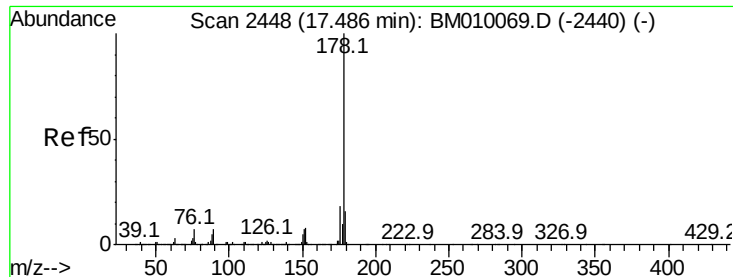
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.0	78.0
264	62.4	49.0	73.4



#70
 Phenanthrene
 Concen: 46.28 ng
 RT: 17.39 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.1	18.1



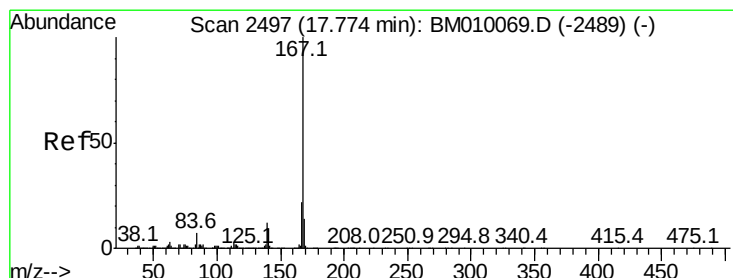
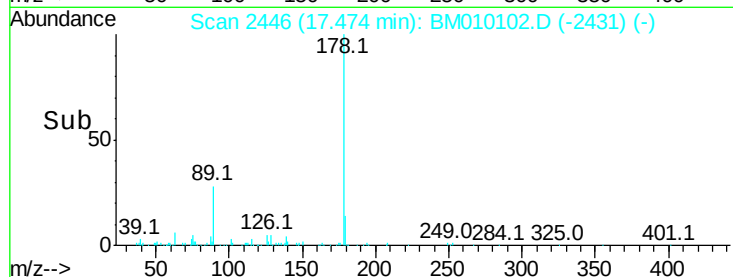
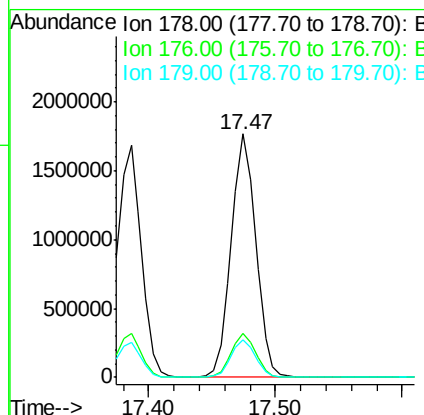
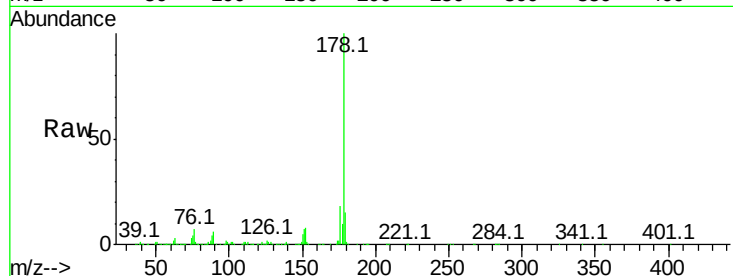


#71
 Anthracene
 Concen: 48.02 ng
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

Tot Ion:178 Resp: 2360740

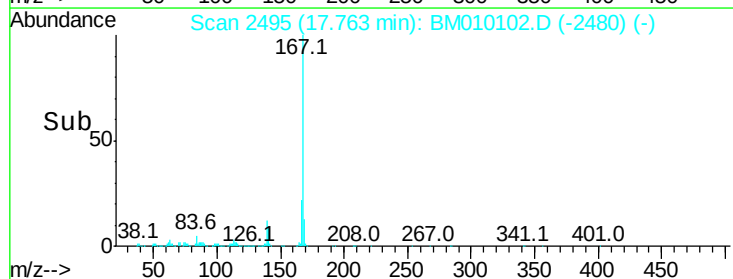
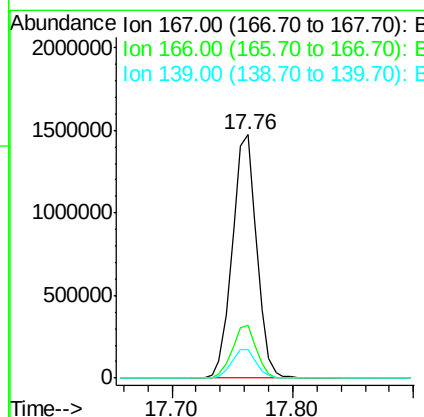
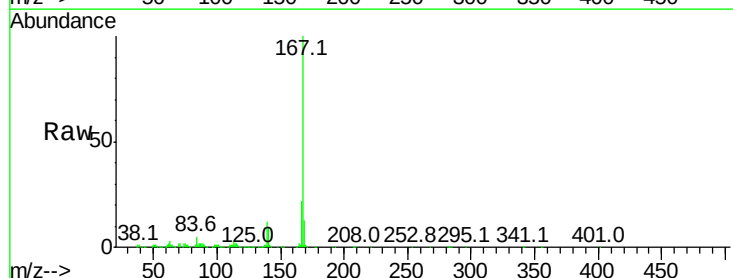
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.2	12.6	19.0

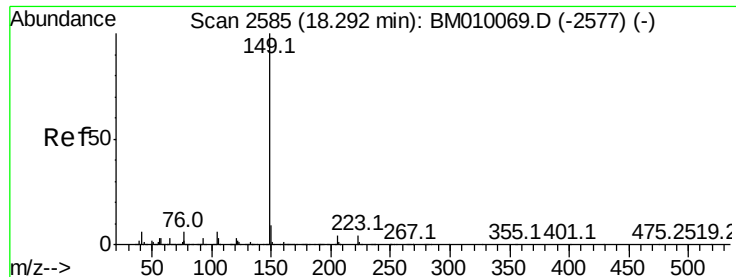


#72
 Carbazole
 Concen: 47.49 ng
 RT: 17.76 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion:167 Resp: 2067230

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	11.6	10.8	16.2





#73

Di-n-butylphthalate

Concen: 43.34 ng

RT: 18.28 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

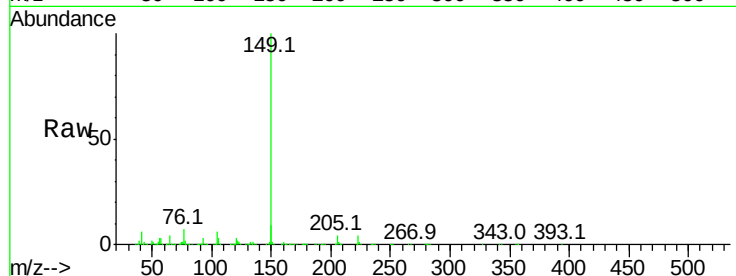
Tot Ion:149 Resp: 2236803

Ion Ratio Lower Upper

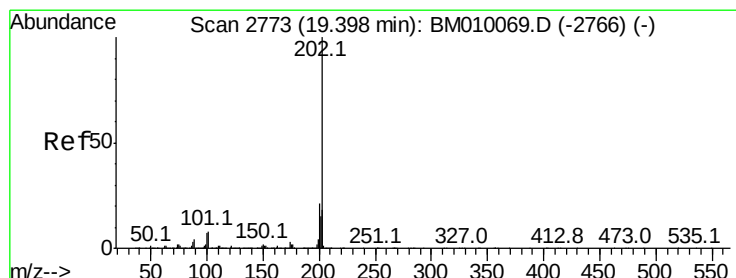
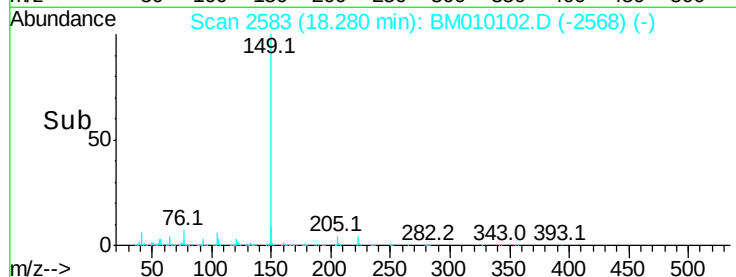
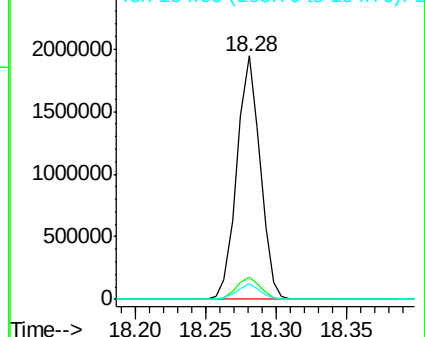
149 100

150 9.0 7.5 11.3

104 6.3 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



#74

Fluoranthene

Concen: 46.71 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

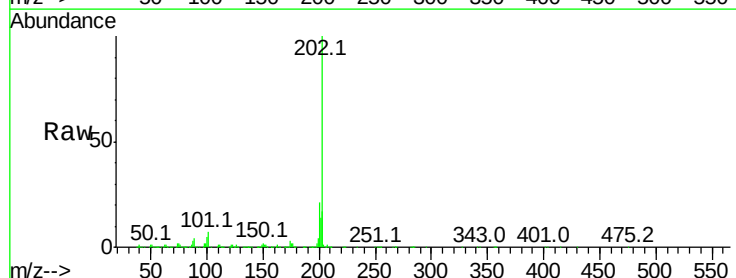
Tgt Ion:202 Resp: 3004440

Ion Ratio Lower Upper

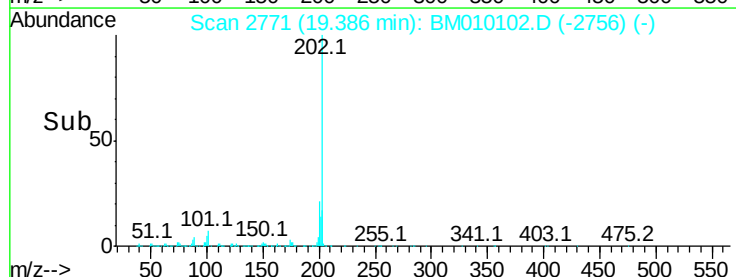
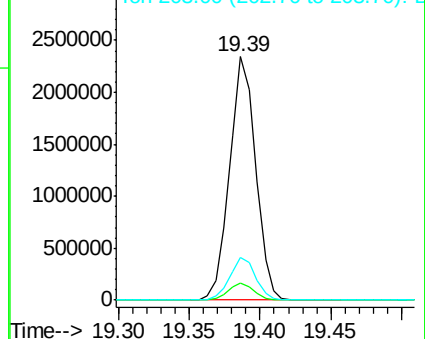
202 100

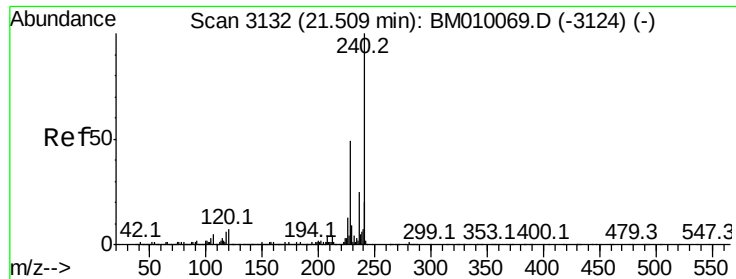
101 6.8 0.0 28.7

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



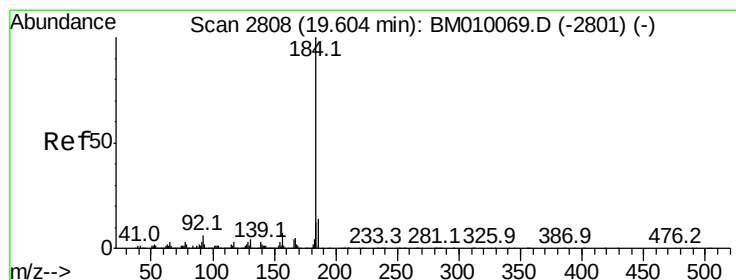
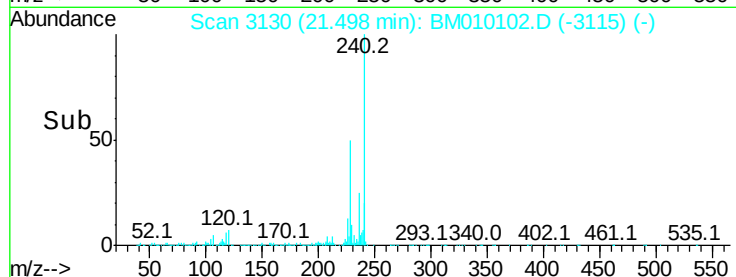
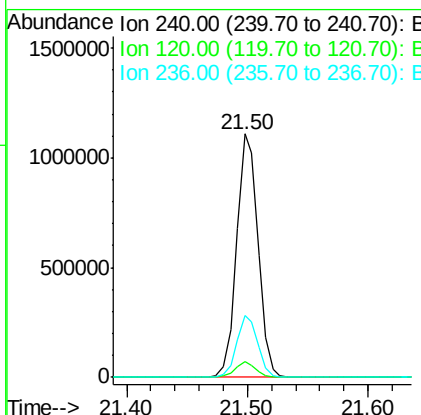
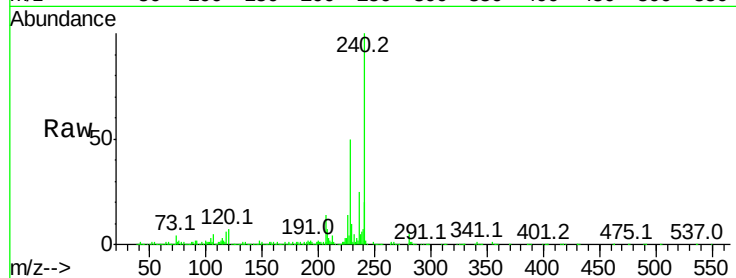


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.50 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Instrument :
 BNA_M
 ClientSampleId :
 PB99134BS

Tot Ion:240 Resp: 1367794

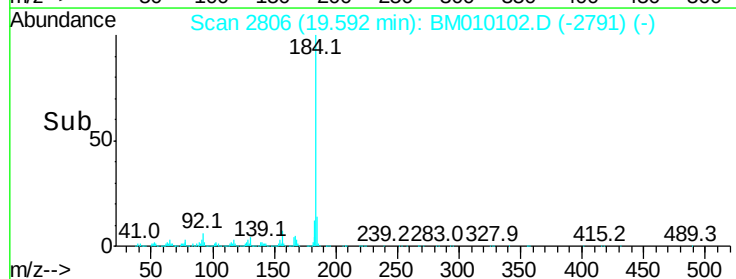
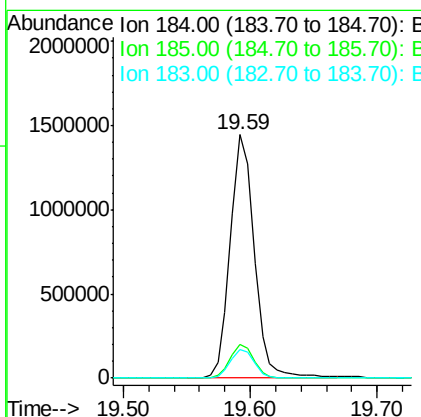
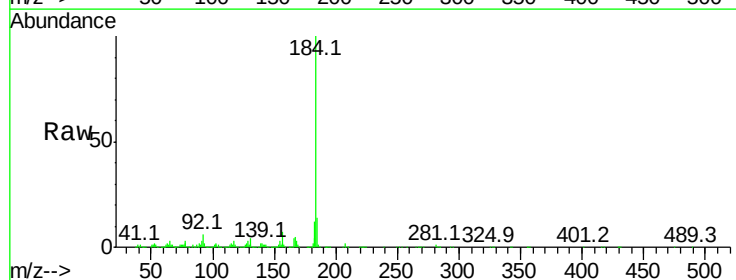
Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	25.3	20.0	30.0

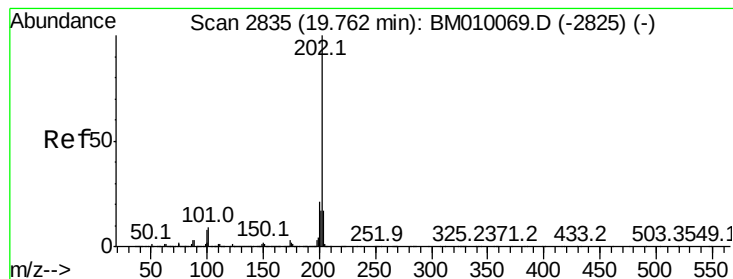


#76
 Benzidine
 Concen: 75.21 ng
 RT: 19.59 min Scan# 2806
 Delta R.T. -0.01 min
 Lab File: BM010102.D
 Acq: 22 May 2017 14:59

Tgt Ion:184 Resp: 1897429

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	11.9	8.9	13.3





#77

Pvrene

Concen: 42.67 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

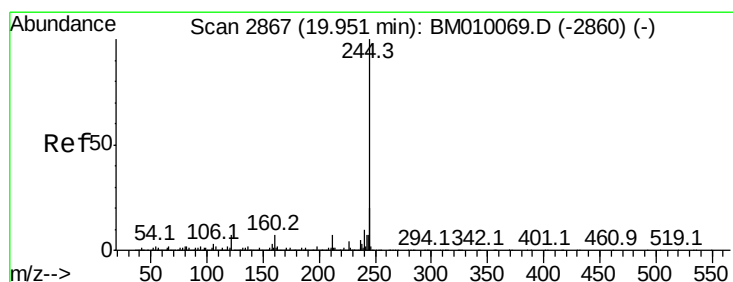
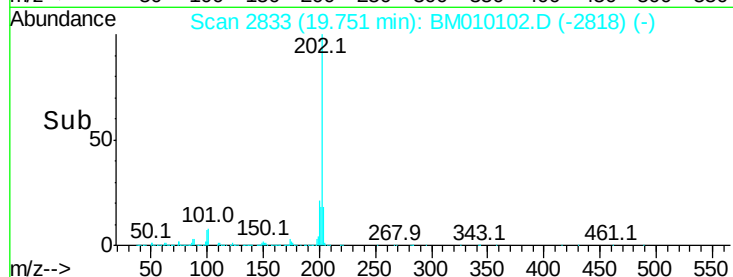
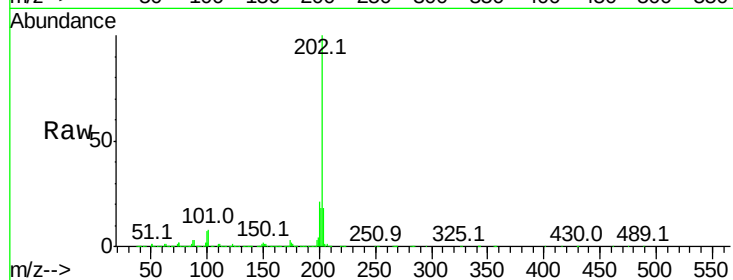
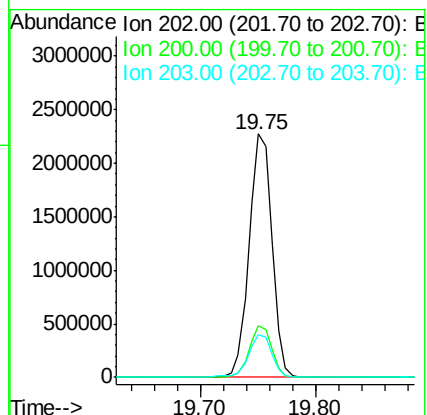
BNA_M

ClientSampleId :

PB99134BS

Tot Ion:202 Resp: 3129345

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1



#78

Terphenyl-d14

Concen: 84.66 ng

RT: 19.94 min Scan# 2866

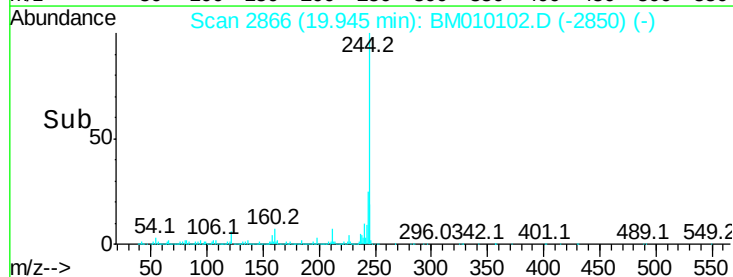
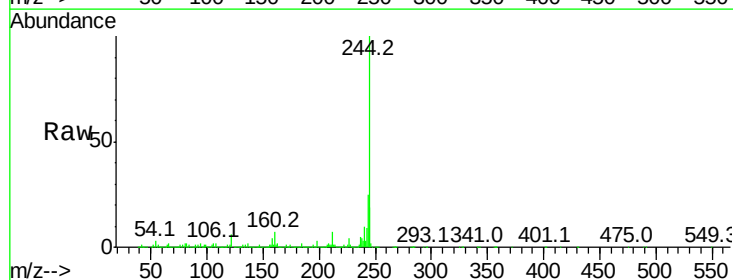
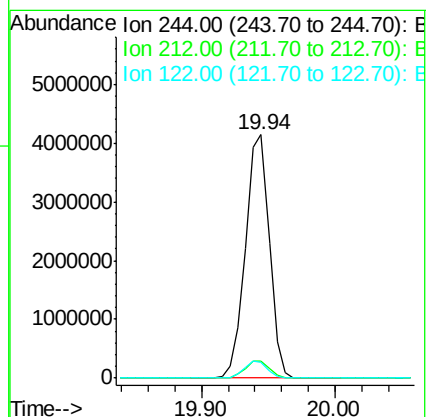
Delta R.T. -0.01 min

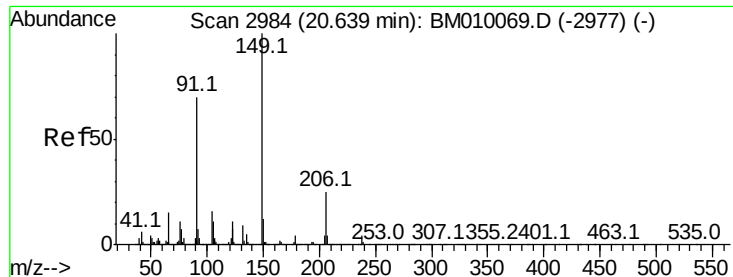
Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion:244 Resp: 5092962

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	6.3	6.2	9.4

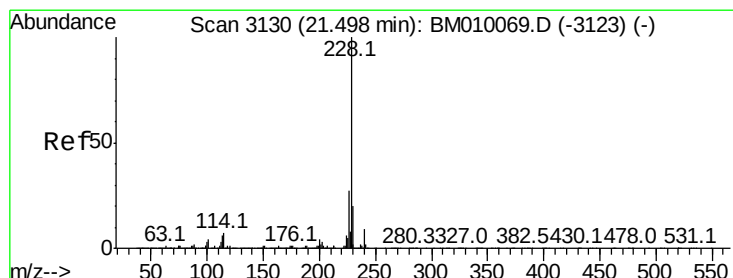
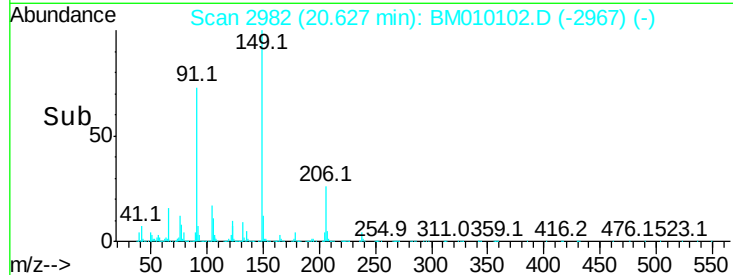
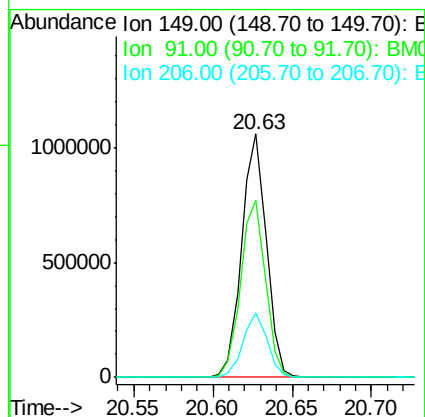
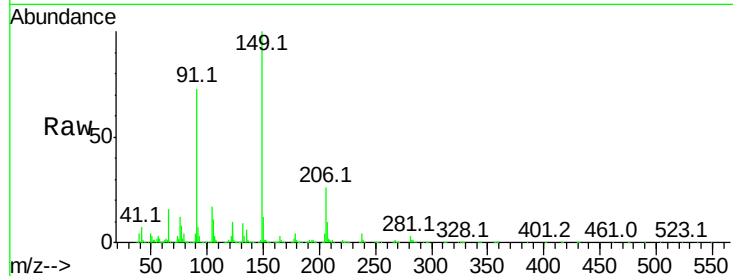




#79
Butylbenzylphthalate
Concen: 41.95 ng
RT: 20.63 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

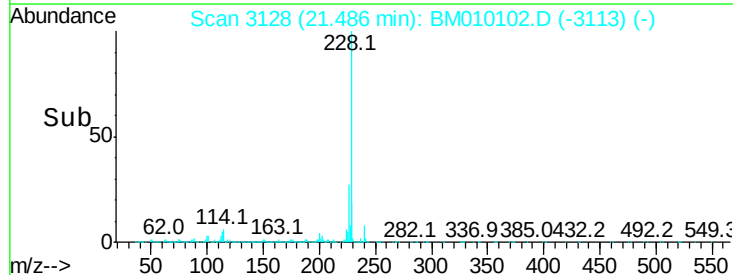
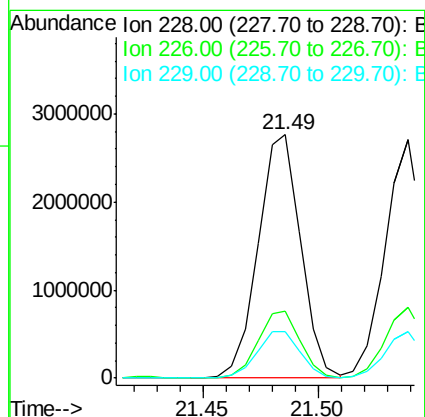
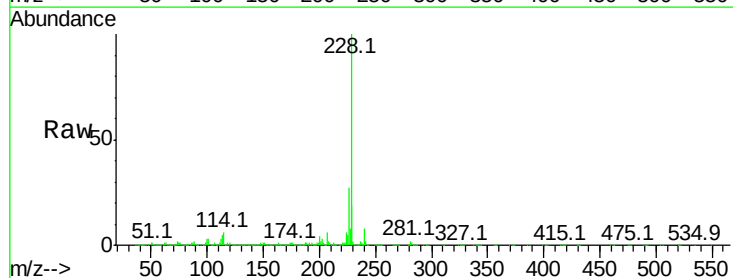
Instrument :
BNA_M
ClientSampled :
PB99134BS

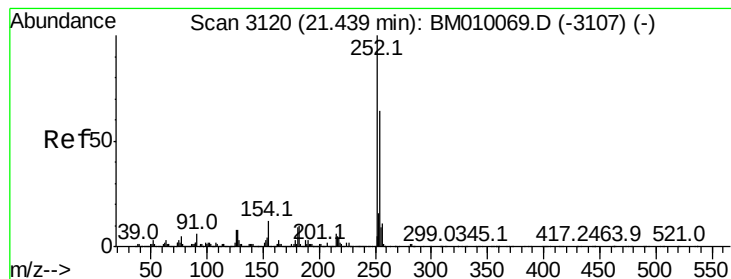
Tot Ion:149 Resp: 1138829
Ion Ratio Lower Upper
149 100
91 72.7 50.1 75.1
206 26.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 46.94 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion:228 Resp: 3538516
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.2 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 31.28 ng

RT: 21.43 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampled :

PB99134BS

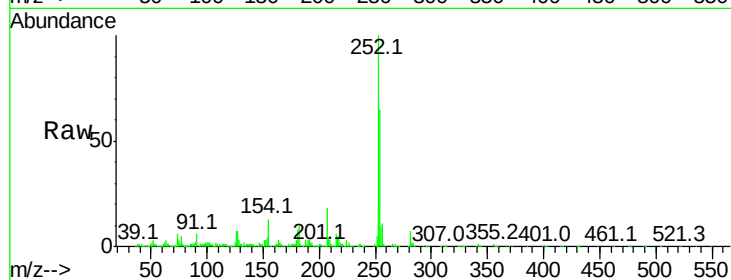
Tot Ion:252 Resp: 948528

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

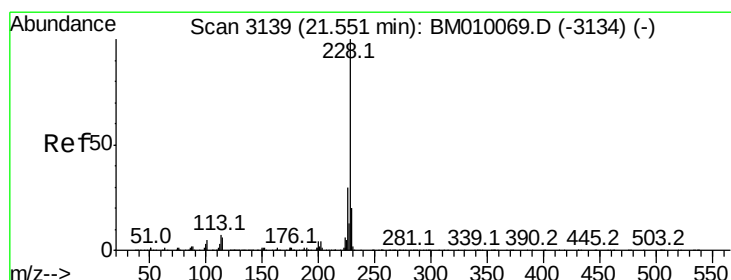
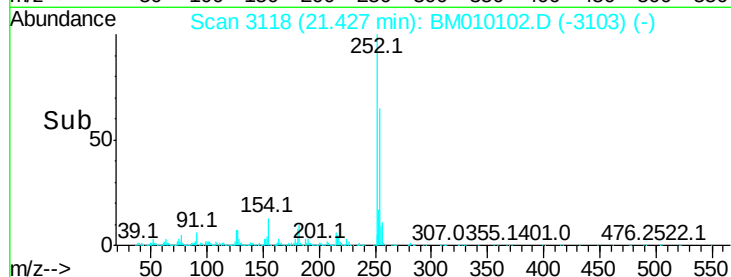
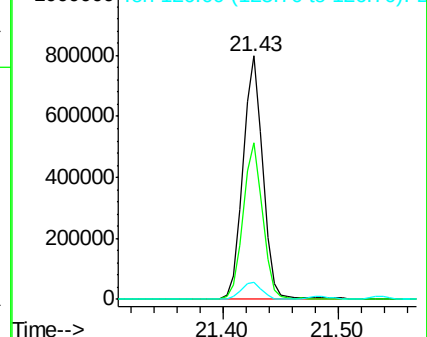
126 6.9 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.94 ng

RT: 21.54 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

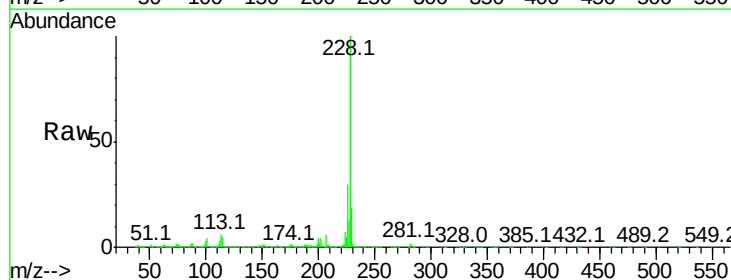
Tgt Ion:228 Resp: 3213005

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

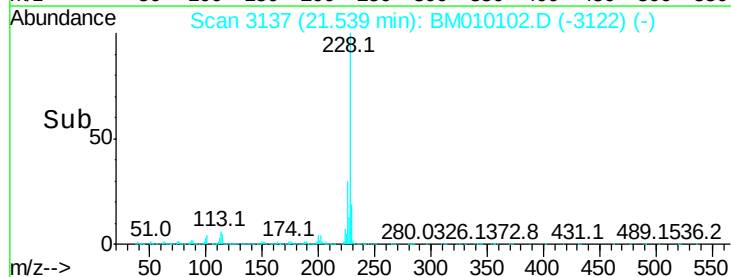
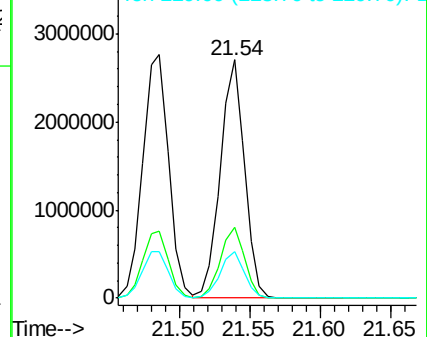
229 19.3 15.5 23.3

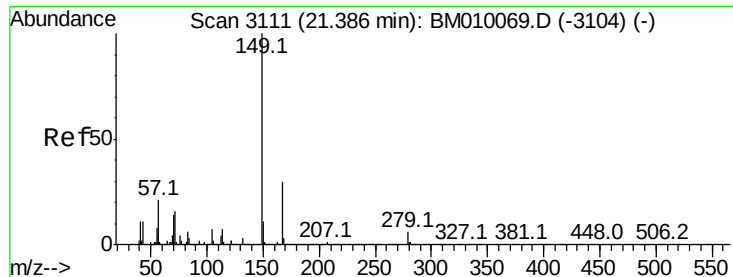


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.29 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

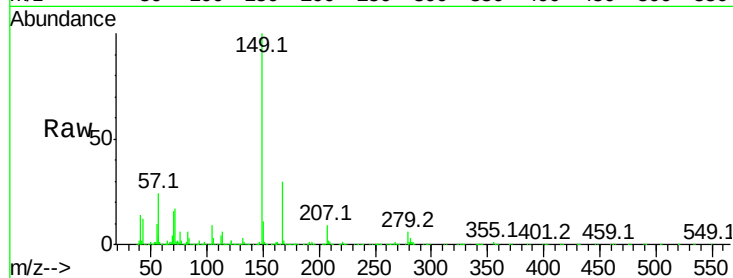
Tot Ion:149 Resp: 1716710

Ion Ratio Lower Upper

149 100

167 29.5 22.4 33.6

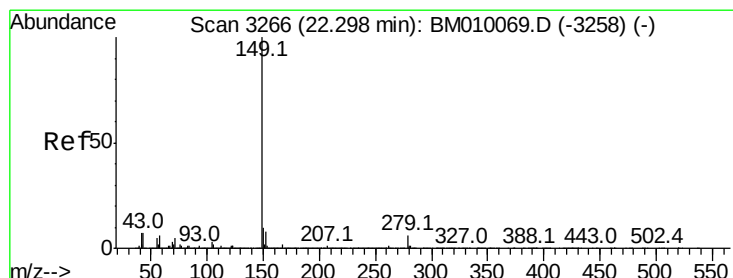
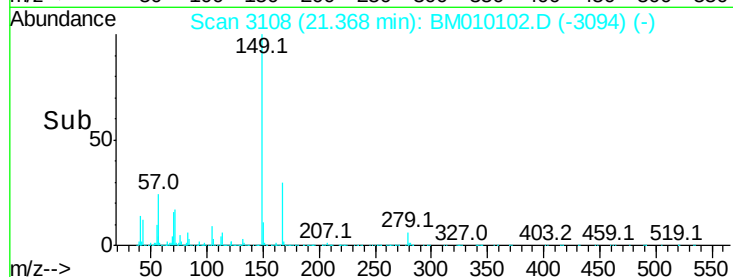
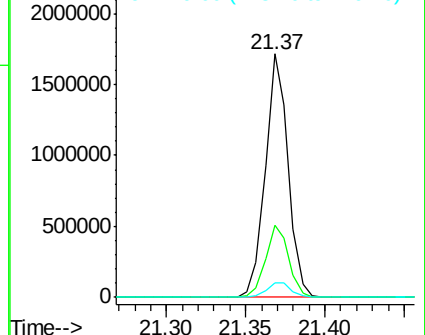
279 6.0 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.93 ng

RT: 22.28 min Scan# 3263

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

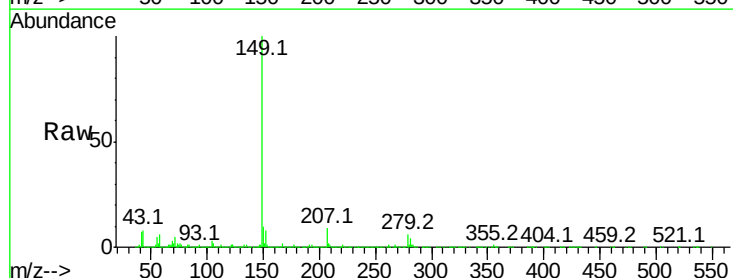
Tgt Ion:149 Resp: 3192677

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

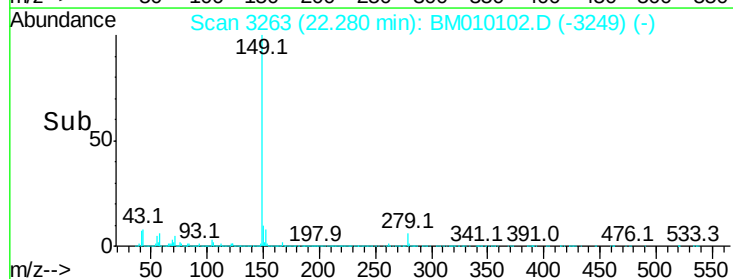
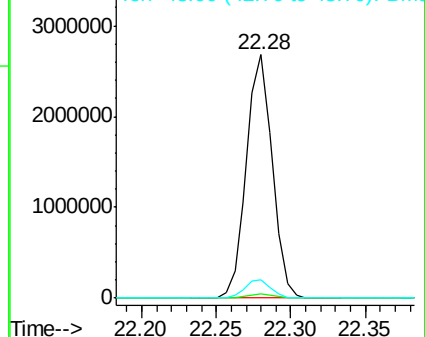
43 7.7 7.3 10.9

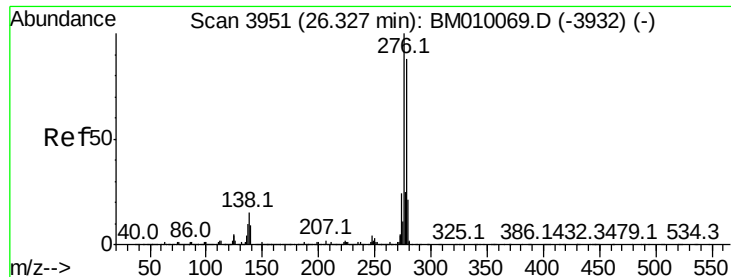


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.49 ng

RT: 26.30 min Scan# 3946

Delta R.T. -0.03 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

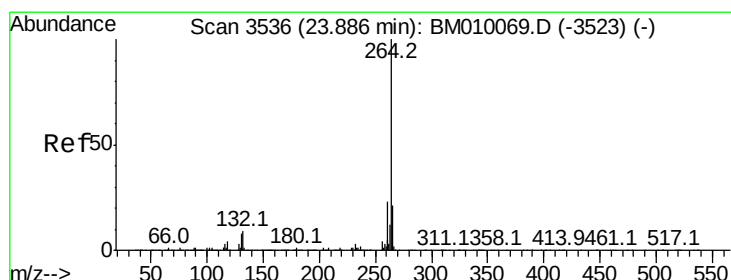
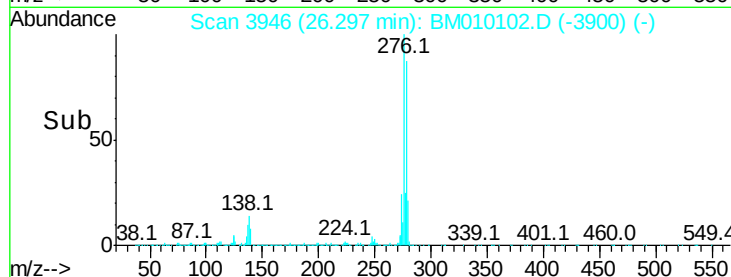
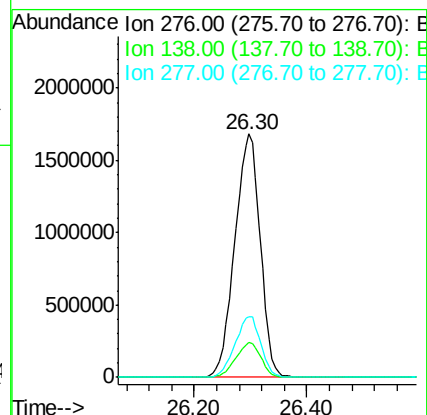
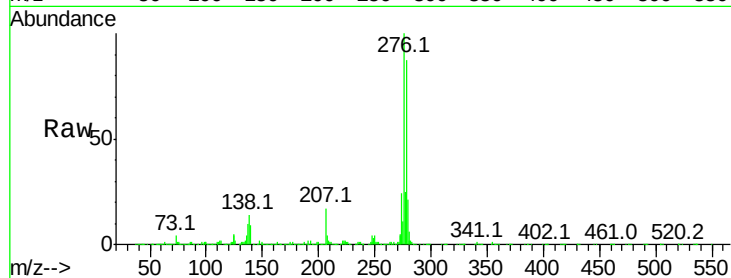
Tot Ion:276 Resp: 5293343

Ion Ratio Lower Upper

276 100

138 14.1 0.0 0.0#

277 25.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.87 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

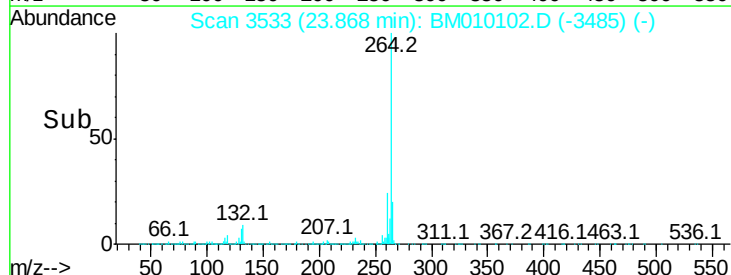
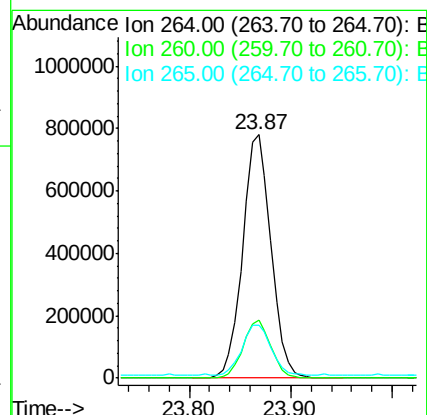
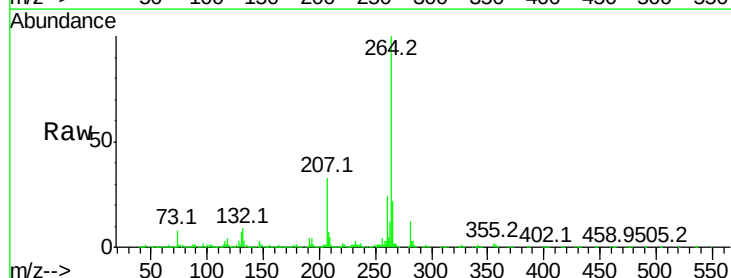
Tgt Ion:264 Resp: 1508859

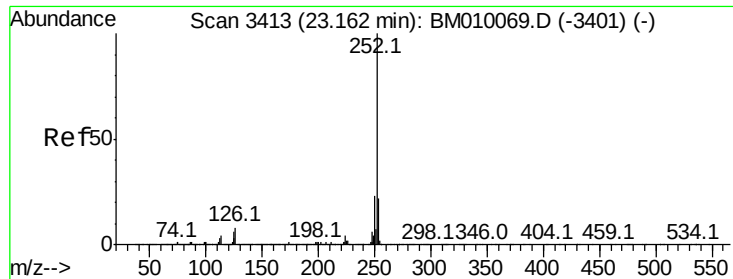
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.7 17.3 25.9

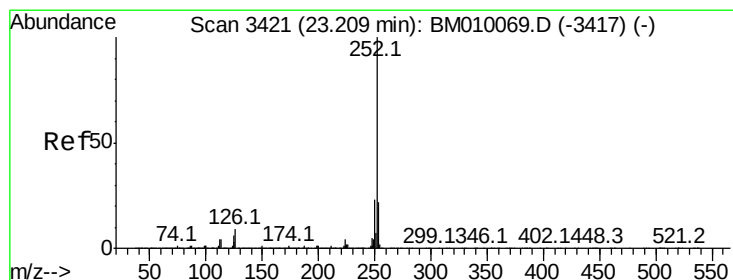
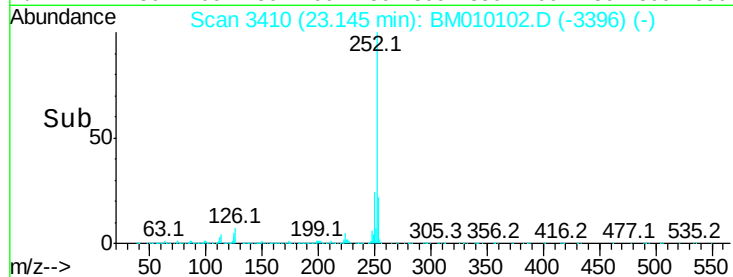
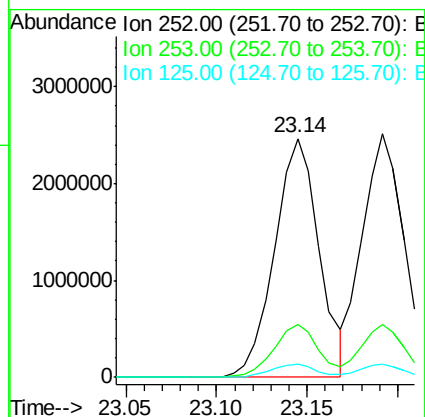
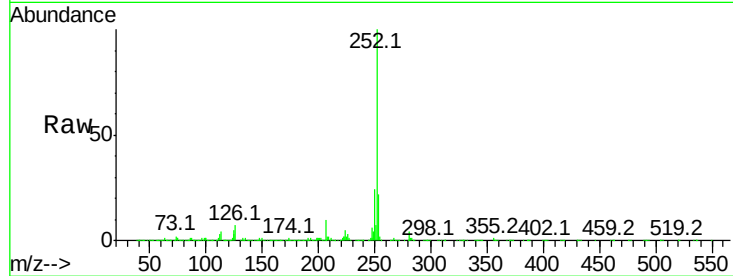




#87
Benzo(b)fluoranthene
Concen: 47.88 ng
RT: 23.14 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

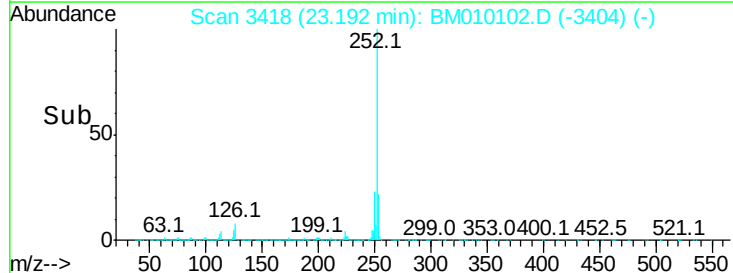
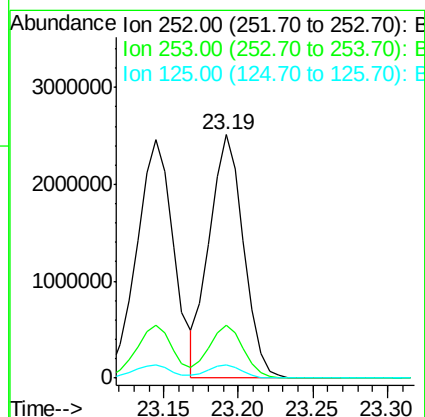
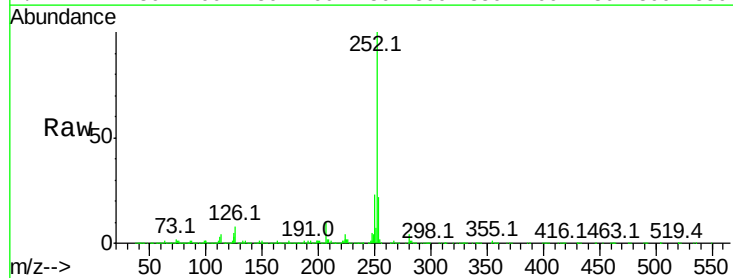
Instrument :
BNA_M
ClientSampleId :
PB99134BS

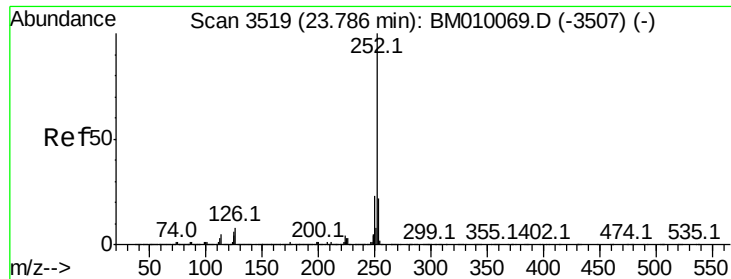
Tot Ion:252 Resp: 4227933
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 5.4 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 46.34 ng
RT: 23.19 min Scan# 3418
Delta R.T. -0.02 min
Lab File: BM010102.D
Acq: 22 May 2017 14:59

Tgt Ion:252 Resp: 4008903
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 5.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 48.08 ng

RT: 23.76 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

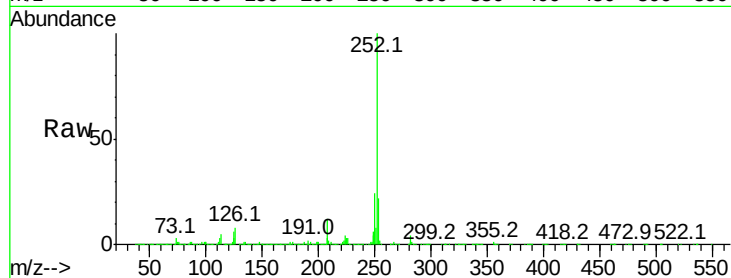
BNA_M

ClientSampleId :

PB99134BS

Tot Ion:252 Resp: 4045939

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.1	7.4	11.2#

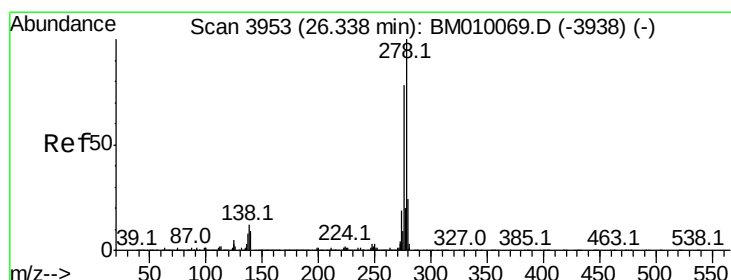
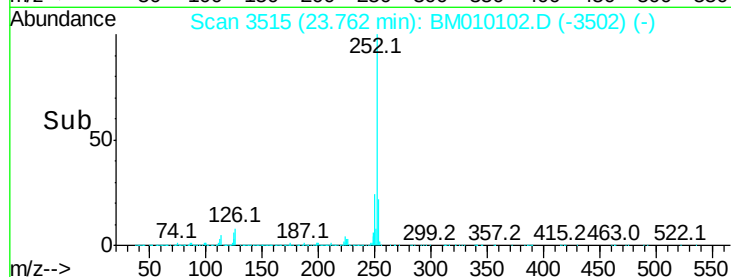
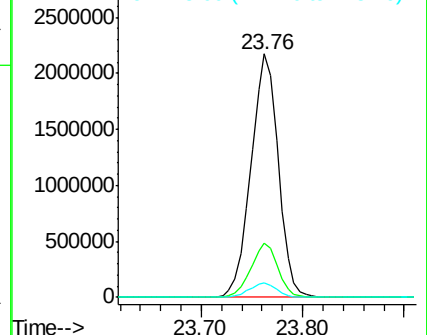


Abundance

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: 47.78 ng

RT: 26.30 min Scan# 3947

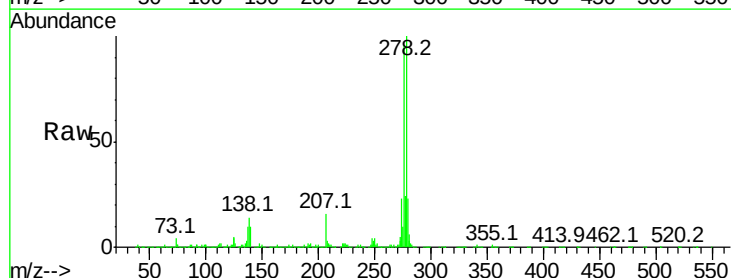
Delta R.T. -0.04 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Tgt Ion:278 Resp: 4495820

Ion	Ratio	Lower	Upper
278	100		
139	9.5	13.4	20.0#
279	23.0	19.0	28.4

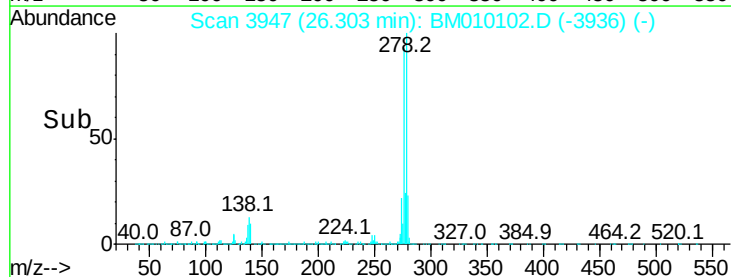
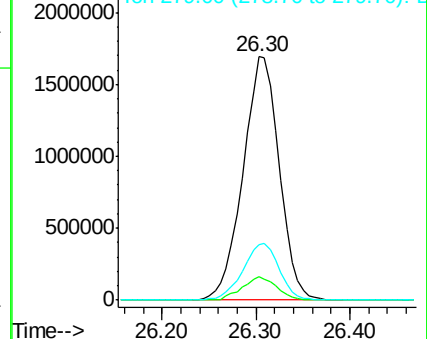


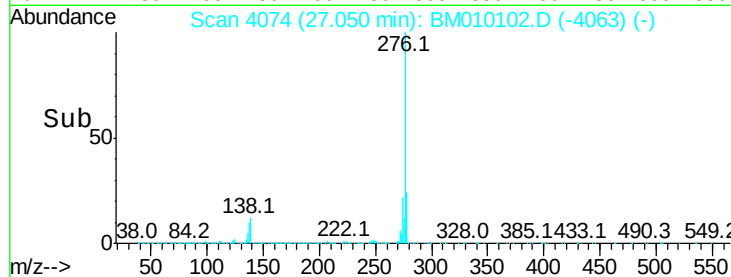
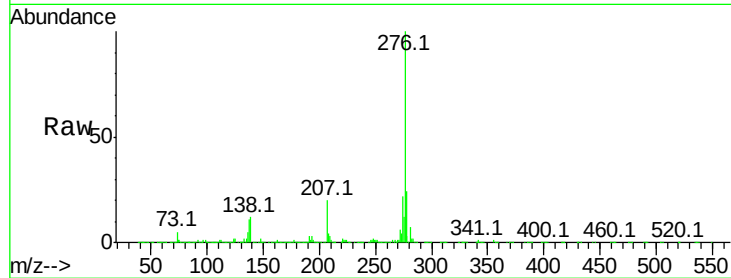
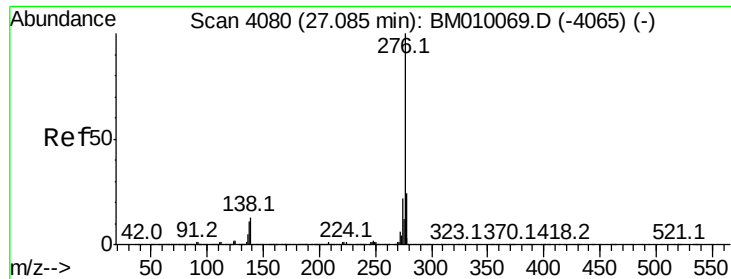
Abundance

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(a,h,i)perylene

Concen: 46.82 ng

RT: 27.05 min Scan# 4074

Delta R.T. -0.04 min

Lab File: BM010102.D

Acq: 22 May 2017 14:59

Instrument :

BNA_M

ClientSampleId :

PB99134BS

Tot Ion:276 Resp: 4316875

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 12.3 19.0 28.6#

