

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\
 Data File : BM010157.D
 Acq On : 24 May 2017 00:47
 Operator : SJ/MA
 Sample : PB99135BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 05:27:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	129468	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	440774	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	274576	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	645022	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	955988	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1141091	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1039349	144.97	ng	-0.02
7) Phenol-d6	7.15	99	1267893	137.44	ng	-0.02
23) Nitrobenzene-d5	9.15	82	847751	103.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	624914	149.85	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2185796	102.34	ng	-0.02
78) Terphenyl-d14	19.93	244	3469987	82.53	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	130712	39.68	ng	# 100
3) Pyridine	3.85	79	347795	39.44	ng	91
4) n-Nitrosodimethylamine	3.76	42	172811	54.18	ng	# 77
6) Aniline	7.31	93	318844	27.89	ng	94
8) 2-Chlorophenol	7.53	128	337488	43.27	ng	92
9) Benzaldehyde	7.12	77	96717	16.84	ng	89
10) Phenol	7.17	94	429993	44.23	ng	88
11) bis(2-Chloroethyl)ether	7.39	93	292960	40.43	ng	97
12) 1,3-Dichlorobenzene	7.84	146	418393	42.21	ng	# 90
13) 1,4-Dichlorobenzene	7.99	146	424498	41.69	ng	96
14) 1,2-Dichlorobenzene	8.31	146	407151	41.66	ng	96
15) Benzyl Alcohol	8.22	79	336225	48.17	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.48	45	252252	35.40	ng	77
17) 2-Methylphenol	8.42	107	275761	39.86	ng	# 85
18) Hexachloroethane	9.03	117	140675	42.62	ng	# 73
19) n-Nitroso-di-n-propylamine	8.76	70	279891	42.98	ng	92
20) 3+4-Methylphenols	8.75	107	376380	40.29	ng	87
22) Acetophenone	8.79	105	513108	45.41	ng	# 99
24) Nitrobenzene	9.19	77	424734	50.46	ng	96
25) Isophorone	9.69	82	670226	47.48	ng	# 94
26) 2-Nitrophenol	9.89	139	166861	47.03	ng	# 61
27) 2,4-Dimethylphenol	9.94	122	290121	45.29	ng	# 81
28) bis(2-Chloroethoxy)methane	10.17	93	382272	42.67	ng	100
29) 2,4-Dichlorophenol	10.42	162	356778	48.37	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	439738	46.08	ng	99
31) Naphthalene	10.82	128	975232	41.36	ng	99
32) Benzoic acid	10.07	122	188597	43.20	ng	# 84
33) 4-Chloroaniline	10.96	127	97692	10.75	ng	# 86
34) Hexachlorobutadiene	11.06	225	304198	47.79	ng	97
35) Caprolactam	11.76	113	83602	39.50	ng	# 83
36) 4-Chloro-3-methylphenol	12.06	107	350188	43.84	ng	# 82
37) 2-Methylnaphthalene	12.42	142	757233	44.60	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	505521	47.88	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	733065	120.24	ng	99

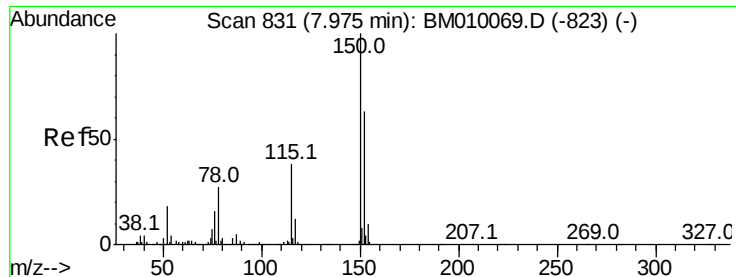
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	314511	50.57	nq	99
43) 2,4,5-Trichlorophenol	13.10	196	337338	49.09	nq	# 92
45) 1,1'-Biphenyl	13.42	154	1032281	45.72	nq	100
46) 2-Chloronaphthalene	13.47	162	818262	44.76	nq	96
47) 2-Nitroaniline	13.70	65	222139	47.25	nq	# 81
48) Acenaphthylene	14.32	152	1227420	45.41	nq	100
49) Dimethylphthalate	14.05	163	1029501	42.03	nq	# 99
50) 2,6-Dinitrotoluene	14.19	165	211995	45.58	nq	87
51) Acenaphthene	14.65	154	745701	44.37	nq	98
52) 3-Nitroaniline	14.53	138	132248	30.59	nq	# 66
53) 2,4-Dinitrophenol	14.72	184	273892	87.95	nq	# 87
54) Dibenzofuran	14.99	168	1278803	48.39	nq	97
55) 4-Nitrophenol	14.84	139	301824	86.76	nq	# 31
56) 2,4-Dinitrotoluene	14.97	165	303570	46.14	nq	# 83
57) Fluorene	15.63	166	1040776	45.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	311134	53.16	nq	# 100
59) Diethylphthalate	15.40	149	973288	42.03	nq	98
60) 4-Chlorophenyl-phenylether	15.62	204	573535	44.45	nq	99
61) 4-Nitroaniline	15.70	138	167765	38.23	nq	# 23
62) Azobenzene	15.92	77	964671	56.65	nq	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	180230	45.74	nq	82
65) n-Nitrosodiphenylamine	15.85	169	886661	45.87	nq	100
66) 4-Bromophenyl-phenylether	16.52	248	382816	46.36	nq	# 93
67) Hexachlorobenzene	16.62	284	424505	42.31	nq	97
68) Atrazine	16.79	200	348743	47.58	nq	99
69) Pentachlorophenol	16.97	266	529889	96.17	nq	96
70) Phenanthrene	17.37	178	1625442	45.04	nq	99
71) Anthracene	17.47	178	1668477	46.59	nq	99
72) Carbazole	17.75	167	1433812	45.22	nq	98
73) Di-n-butylphthalate	18.27	149	1549779	41.22	nq	# 98
74) Fluoranthene	19.38	202	2034602	43.42	nq	98
76) Benzidine	19.59	184	1072525	60.82	nq	98
77) Pyrene	19.74	202	2115910	41.28	nq	99
79) Butylbenzylphthalate	20.62	149	726533	38.29	nq	# 84
80) Benzo(a)anthracene	21.47	228	2393603	45.43	nq	100
81) 3,3'-Dichlorobenzidine	21.42	252	668750	31.56	nq	# 97
82) Chrysene	21.53	228	2156302	43.15	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1078913	38.03	nq	# 97
84) Di-n-octyl phthalate	22.27	149	2005524	39.48	nq	# 97
85) Indeno(1,2,3-cd)pyrene	26.27	276	4259643	58.13	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	3030158	45.37	nq	# 92
88) Benzo(k)fluoranthene	23.18	252	2917395	44.59	nq	# 95
89) Benzo(a)pyrene	23.75	252	3000603	47.15	nq	# 97
90) Dibenzo(a,h)anthracene	26.29	278	3571003	50.18	nq	# 92
91) Benzo(g,h,i)perylene	27.03	276	3465233	49.70	nq	# 86

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

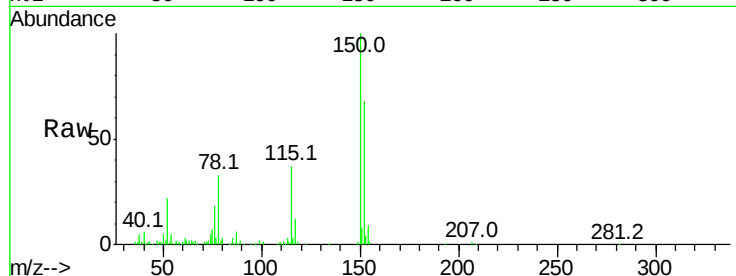


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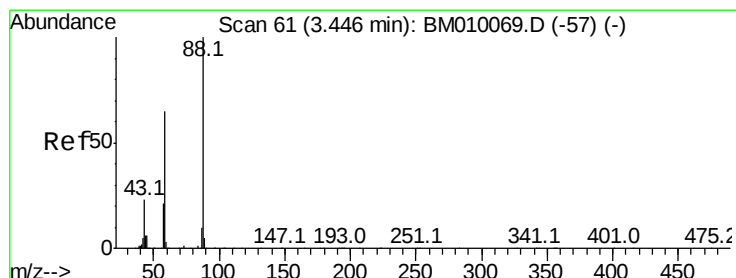
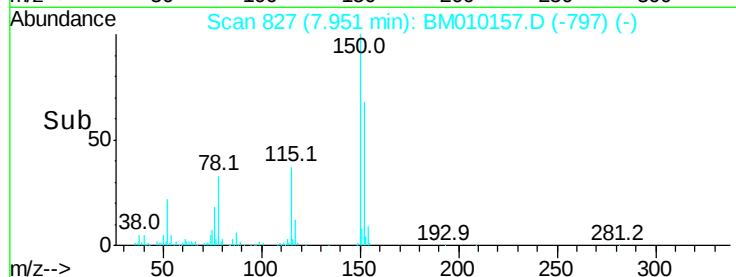
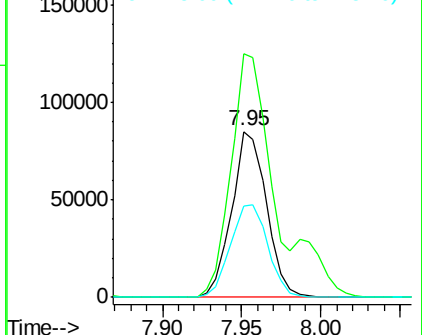
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	55.0	43.0	64.4



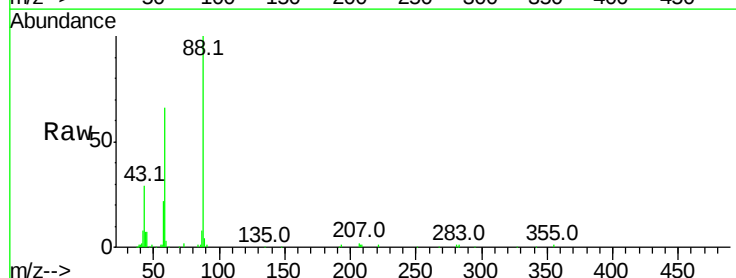
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



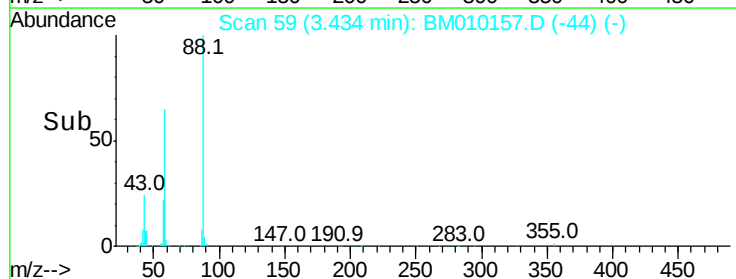
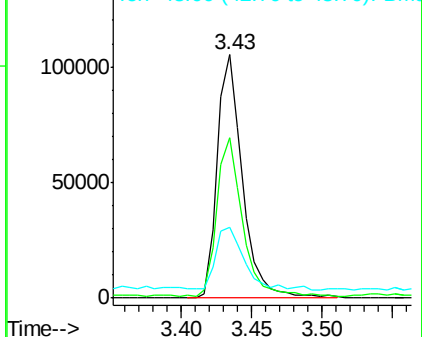
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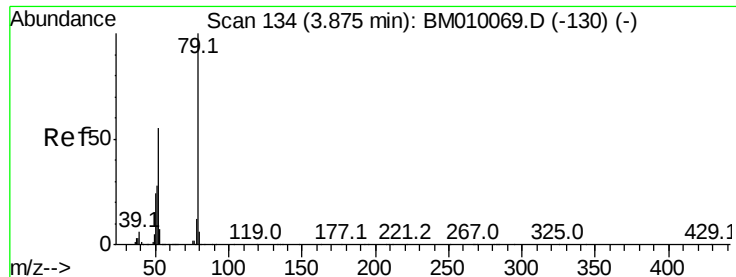
1,4-Dioxane
Concen: 39.68 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	0.0	0.0#
43	30.0	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: 39.44 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

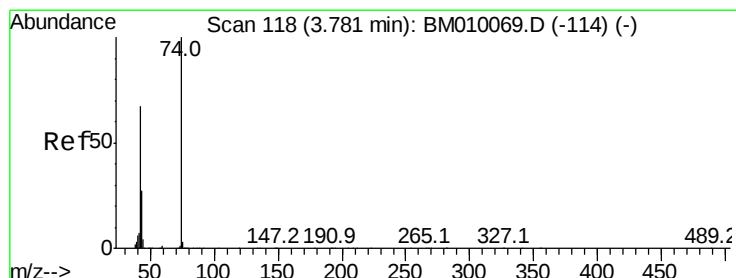
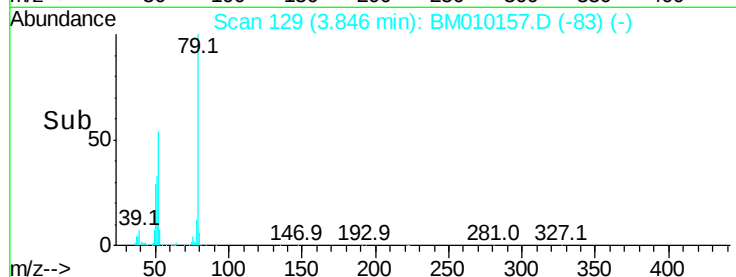
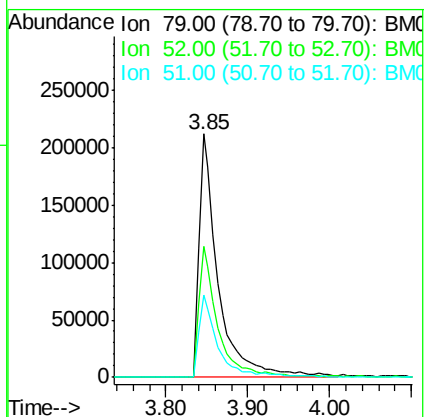
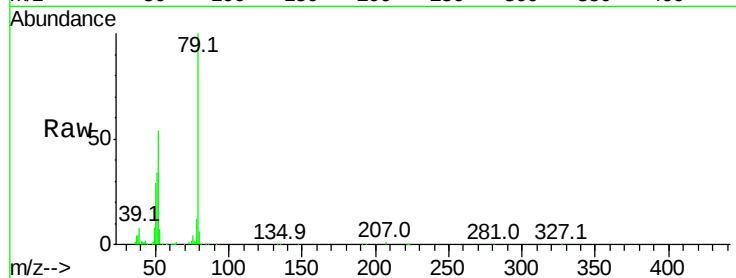
Tot Ion: 79 Resp: 347795

Ion Ratio Lower Upper

79 100

52 53.7 51.1 76.7

51 33.7 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 54.18 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

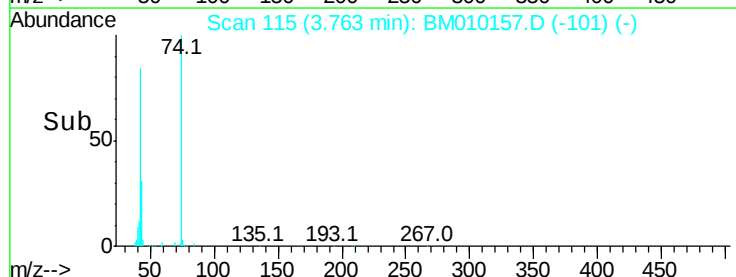
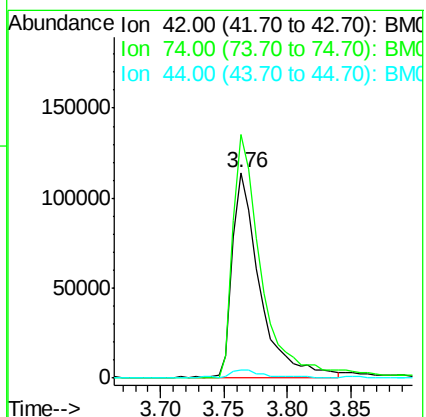
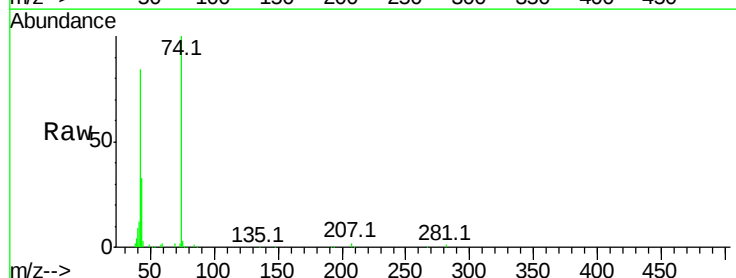
Tgt Ion: 42 Resp: 172811

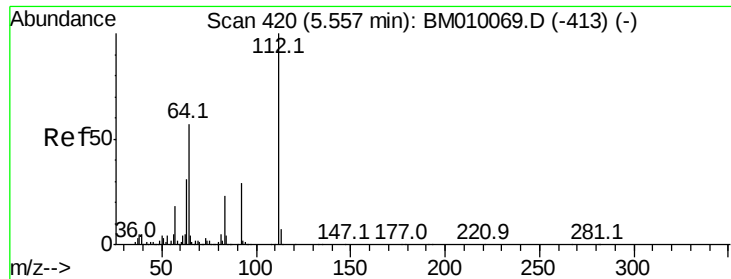
Ion Ratio Lower Upper

42 100

74 118.5 119.3 178.9#

44 4.1 5.4 8.2#





#5

2-Fluorophenol

Concen: 144.97 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

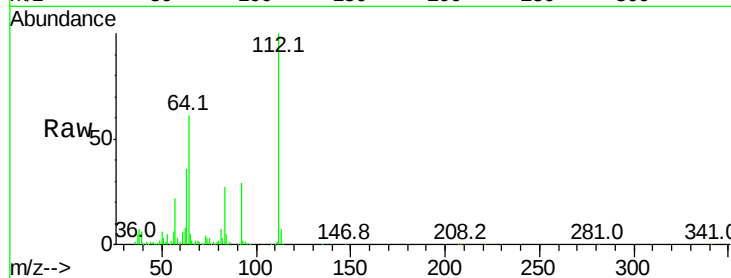
Tot Ion:112 Resp: 1039349

Ion Ratio Lower Upper

112 100

64 60.8 38.6 57.8#

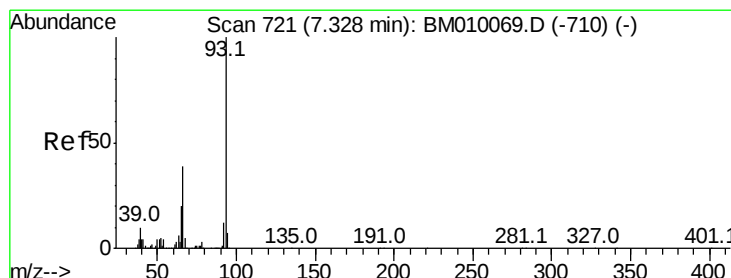
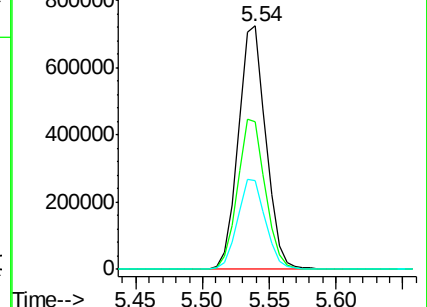
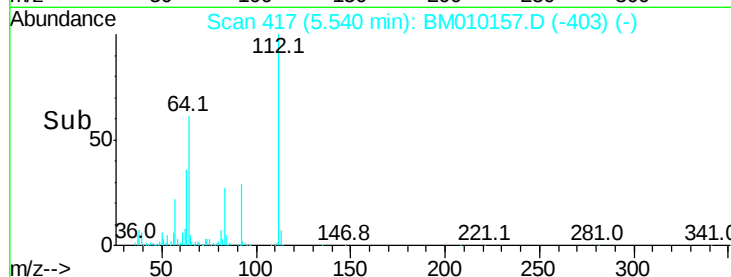
63 36.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 27.89 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

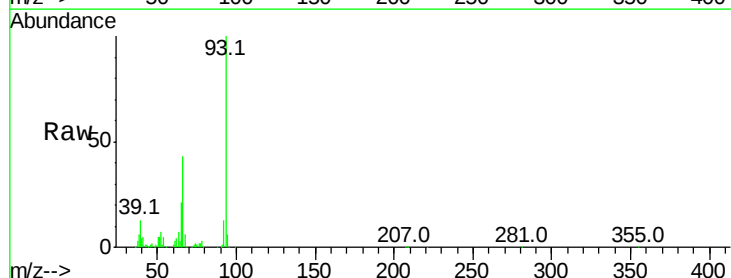
Tgt Ion: 93 Resp: 318844

Ion Ratio Lower Upper

93 100

66 42.7 30.8 46.2

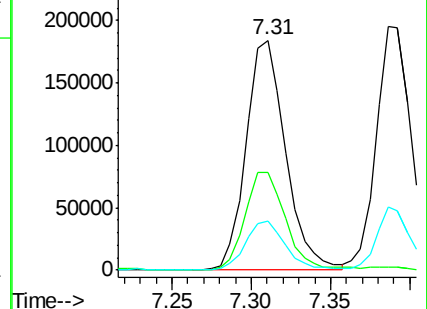
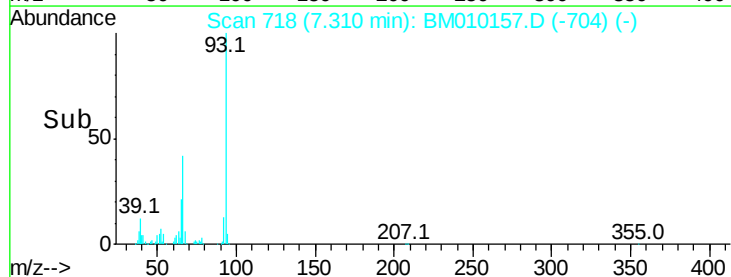
65 21.3 16.0 24.0

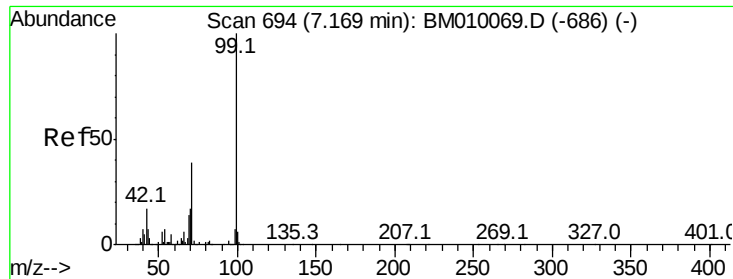


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 137.44 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

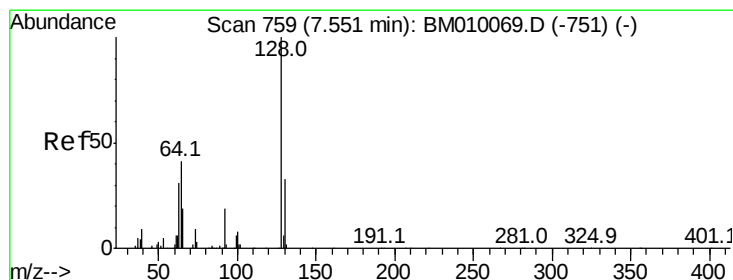
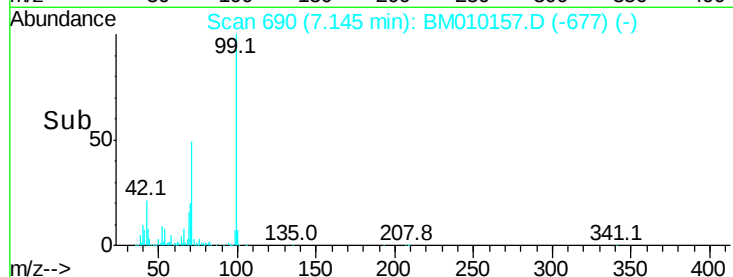
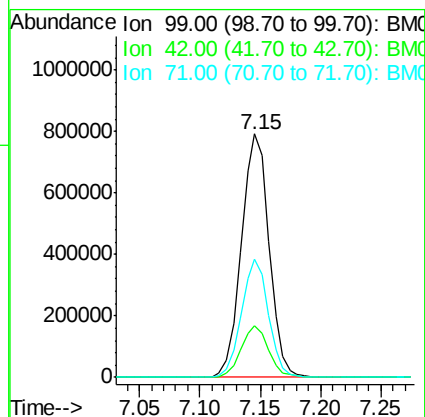
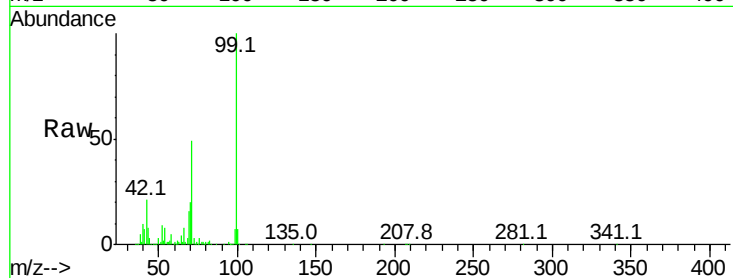
Tot Ion: 99 Resp: 1267893

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

71 48.7 23.4 35.2#



#8

2-Chlorophenol

Concen: 43.27 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

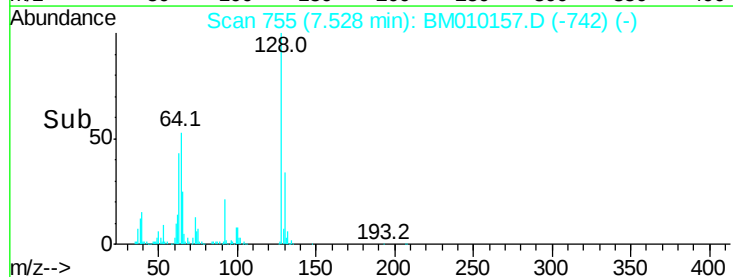
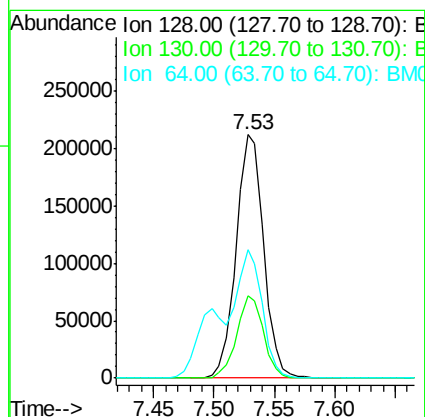
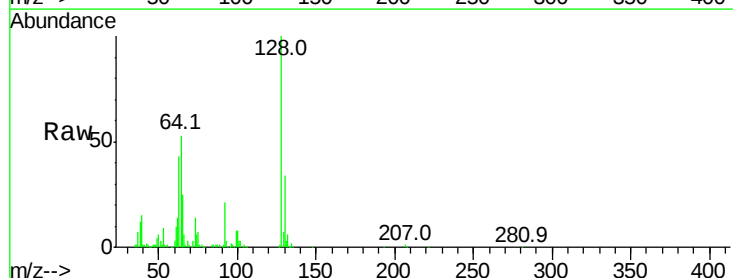
Tgt Ion:128 Resp: 337488

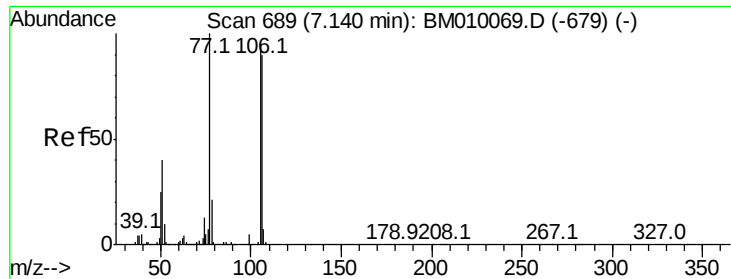
Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

64 52.6 24.9 64.9





#9

Benzaldehyde

Concen: 16.84 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

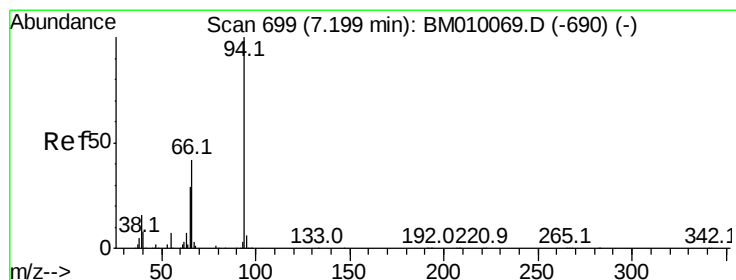
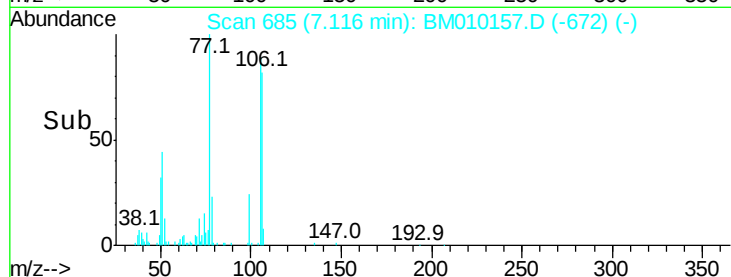
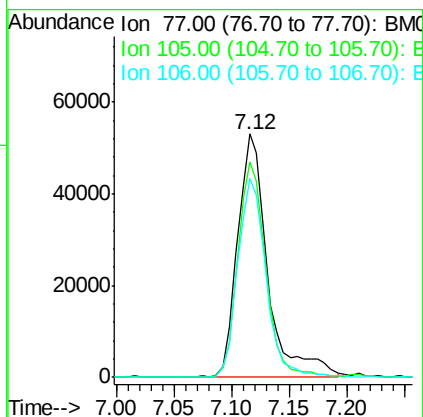
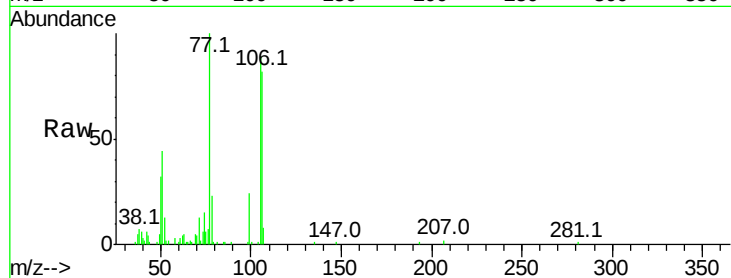
Tot Ion: 77 Resp: 96717

Ion Ratio Lower Upper

77 100

105 88.6 78.8 118.8

106 81.7 73.7 113.7



#10

Phenol

Concen: 44.23 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

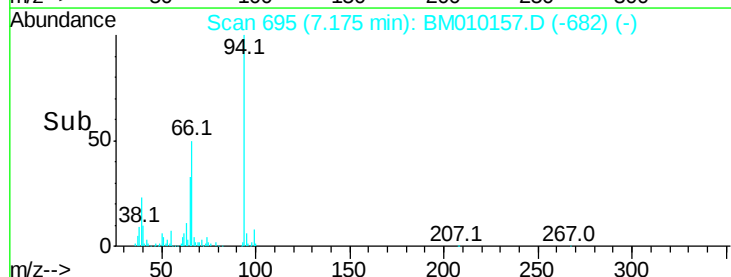
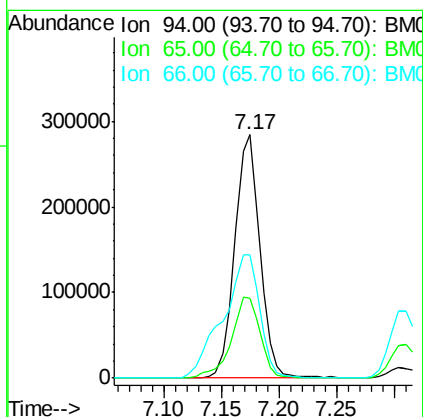
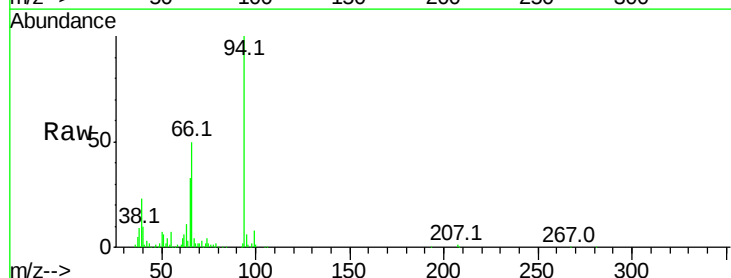
Tgt Ion: 94 Resp: 429993

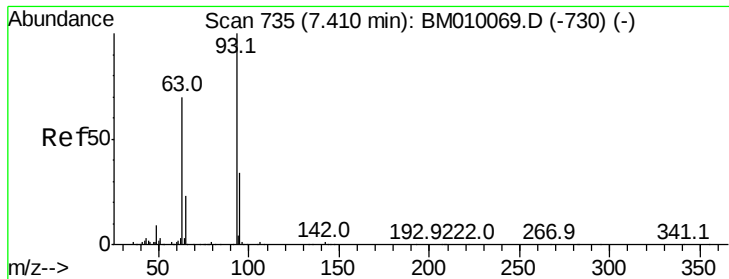
Ion Ratio Lower Upper

94 100

65 32.6 18.8 58.8

66 50.4 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.43 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

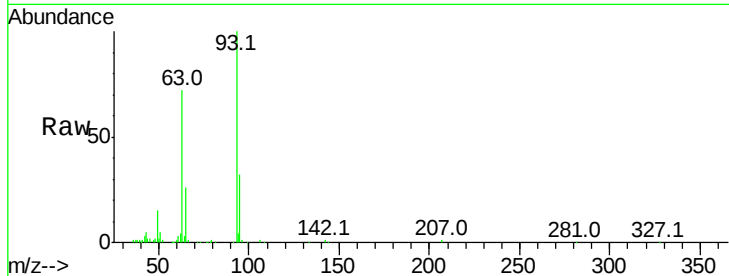
Tot Ion: 93 Resp: 292960

Ion Ratio Lower Upper

93 100

63 72.4 49.5 89.5

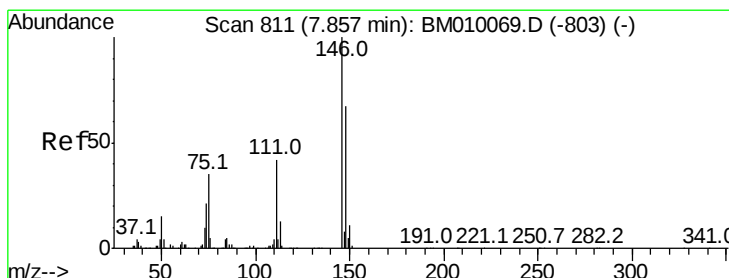
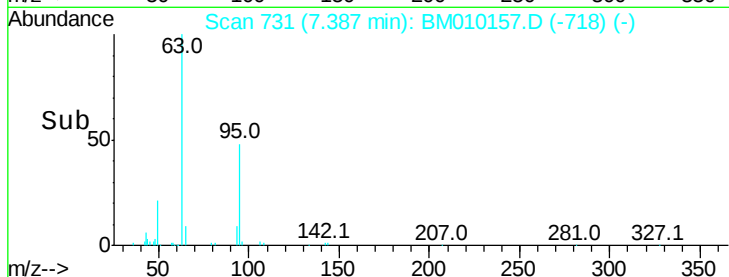
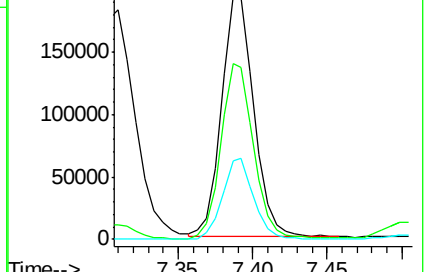
95 32.0 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM010069.D (-730) (-)

Ion 63.00 (62.70 to 63.70): BM010069.D (-730) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-730) (-)



#12

1,3-Dichlorobenzene

Concen: 42.21 ng

RT: 7.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

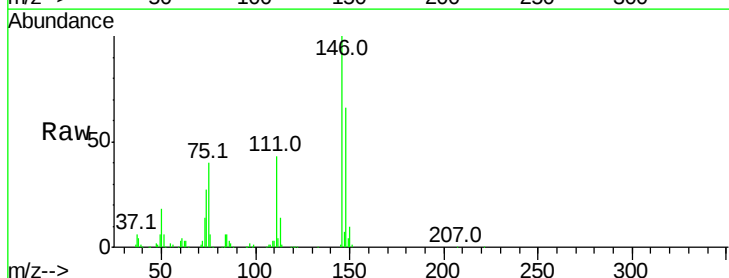
Tgt Ion: 146 Resp: 418393

Ion Ratio Lower Upper

146 100

148 66.1 50.9 76.3

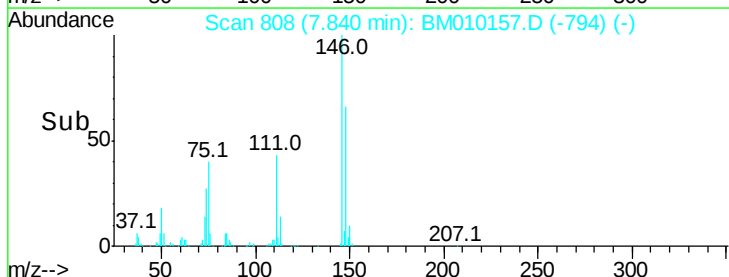
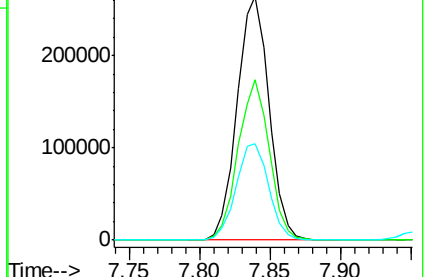
75 39.5 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): BM010069.D (-803) (-)

Ion 148.00 (147.70 to 148.70): BM010069.D (-803) (-)

Ion 75.00 (74.70 to 75.70): BM010069.D (-803) (-)

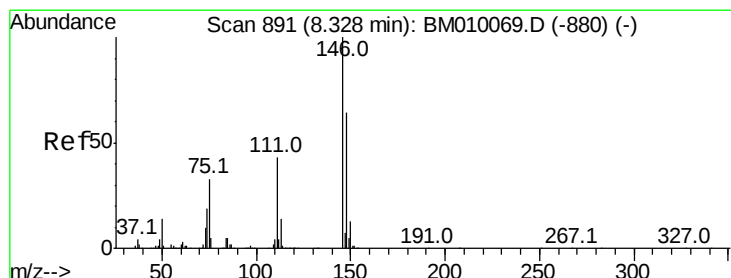
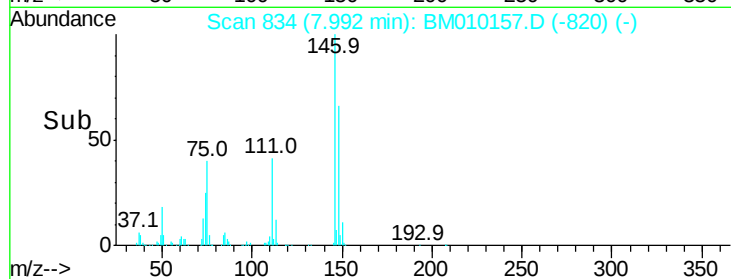
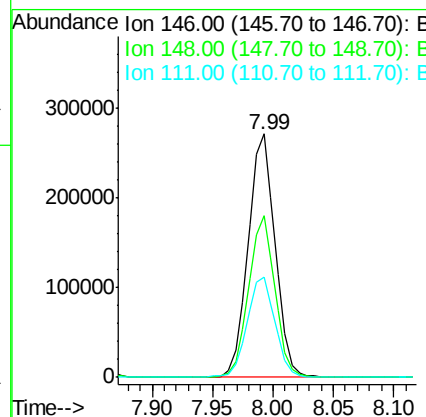
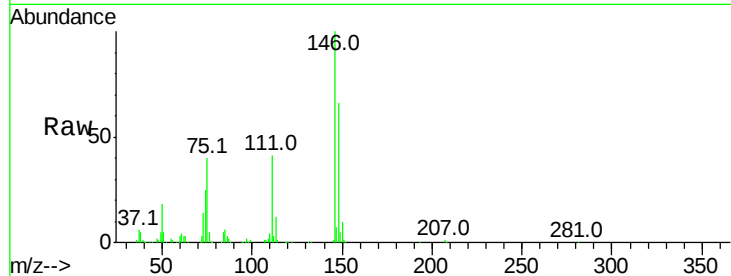




#13
 1,4-Dichlorobenzene
 Concen: 41.69 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

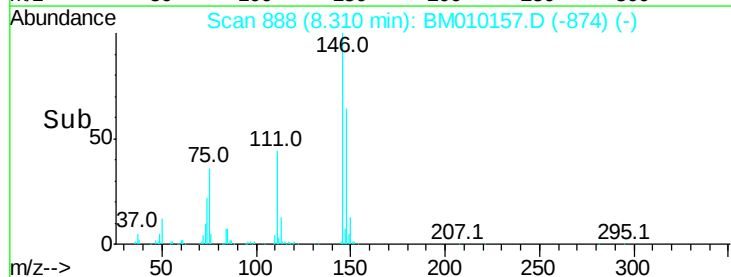
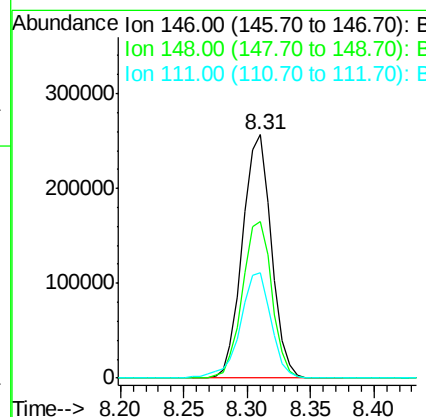
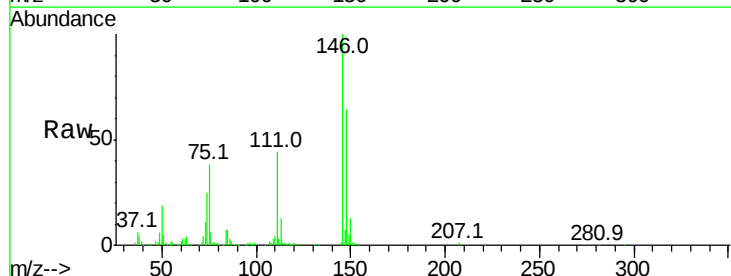
Instrument :
 BNA_M
 ClientSampleId :

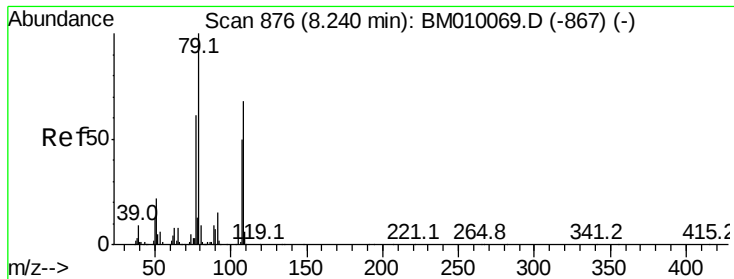
Tot Ion:146 Resp: 424498
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.9 77.9
 111 41.2 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion:146 Resp: 407151
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 43.5 30.6 45.8





#15

Benzyl Alcohol

Concen: 48.17 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010157.D

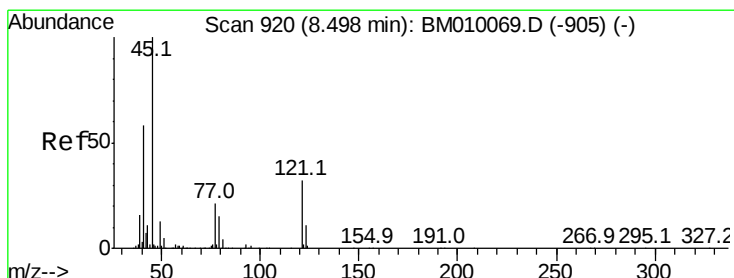
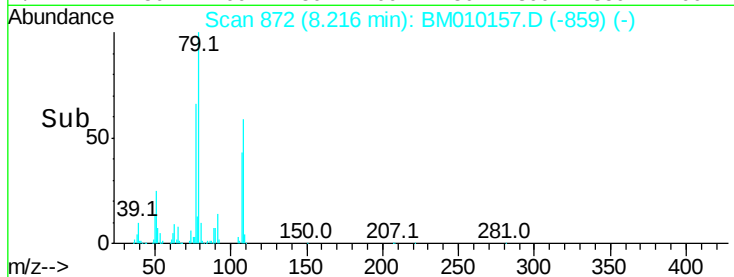
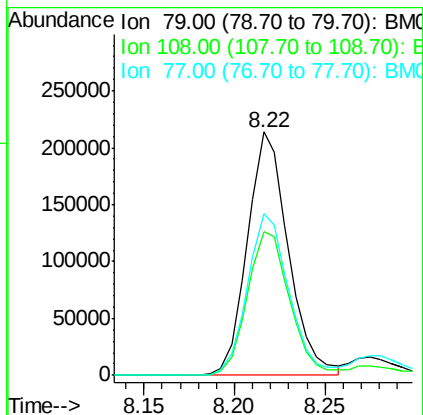
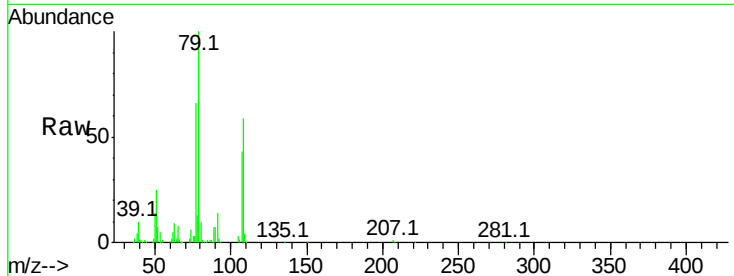
Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampled :

Tot Ion:	79	Resp:	336225
Ion	Ratio	Lower	Upper
79	100		
108	59.2	65.0	97.4#
77	66.3	53.0	79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.40 ng

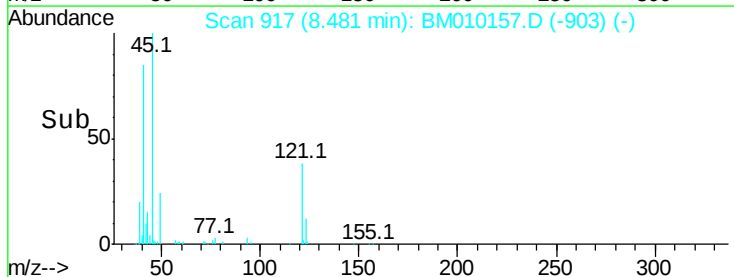
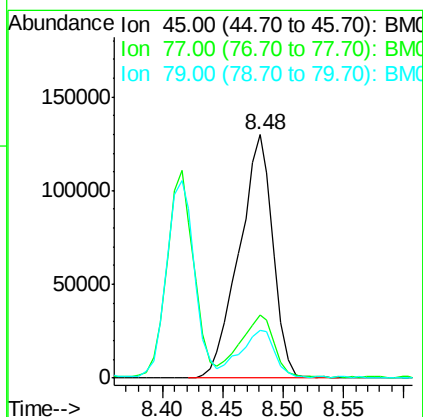
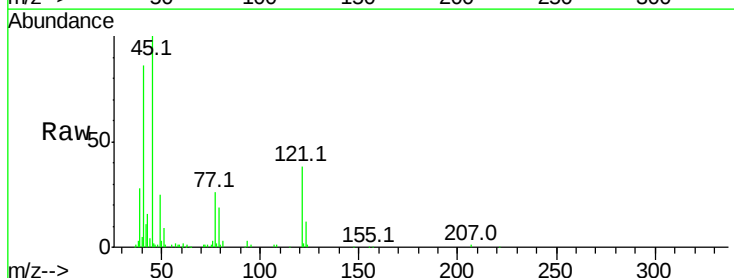
RT: 8.48 min Scan# 917

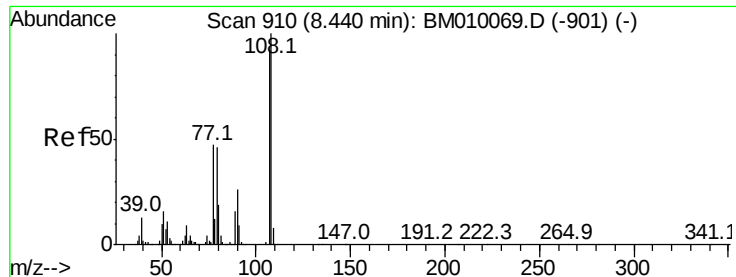
Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion:	45	Resp:	252252
Ion	Ratio	Lower	Upper
45	100		
77	26.0	0.0	35.2
79	19.4	0.0	32.0

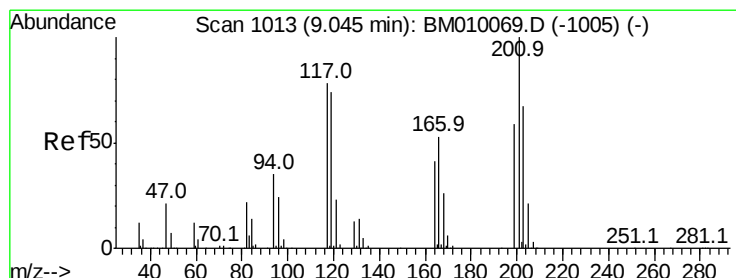
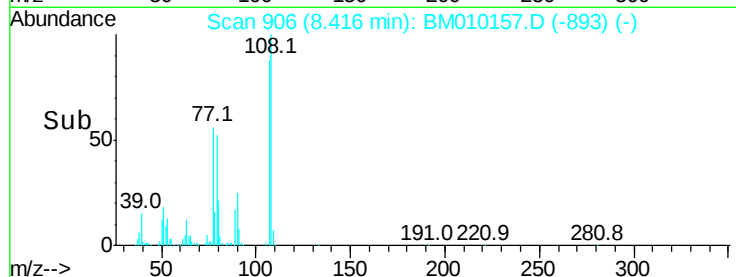
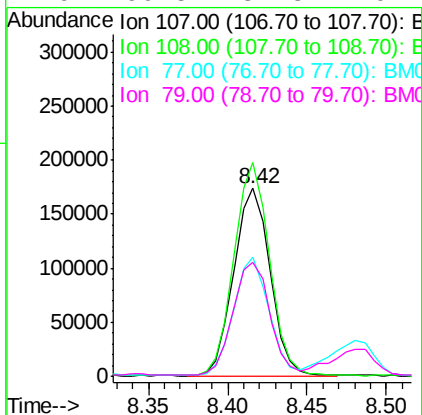
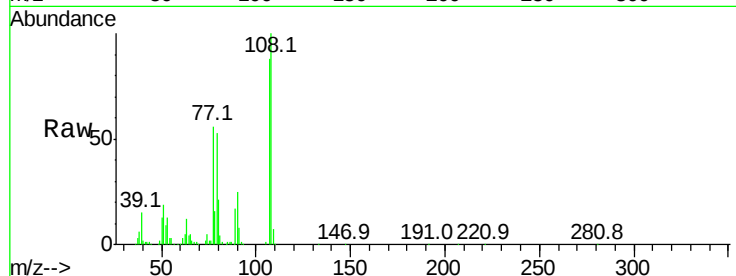




#17
2-Methylphenol
Concen: 39.86 ng
RT: 8.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

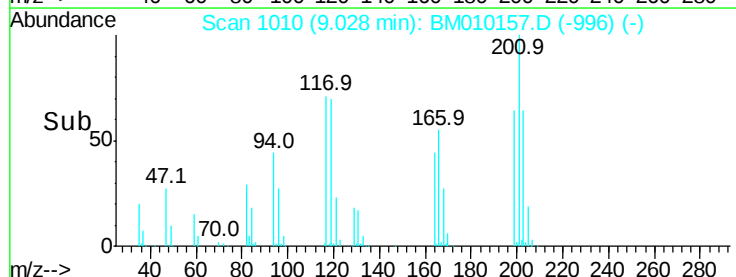
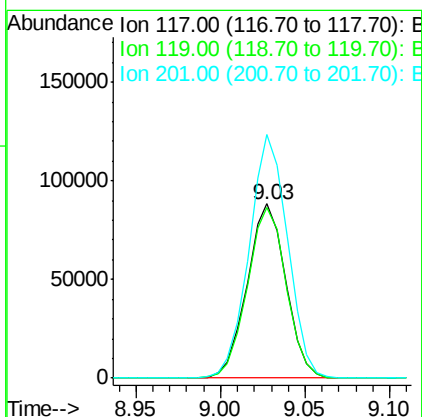
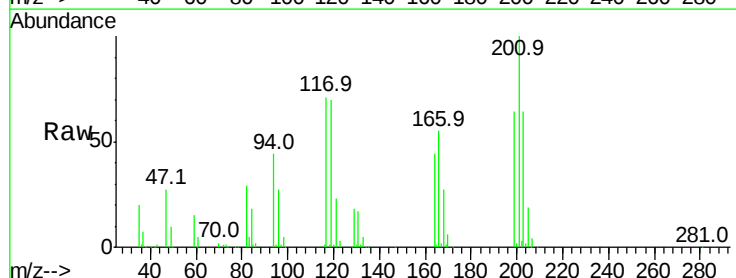
Instrument :
BNA_M
ClientSampleId :

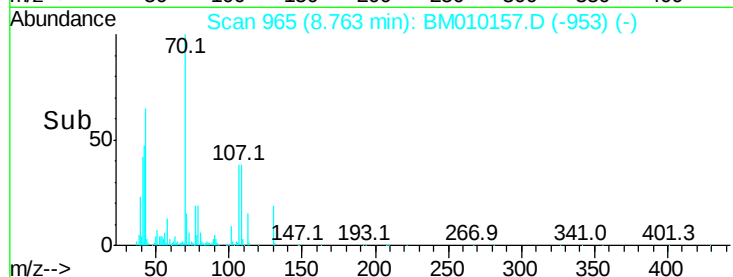
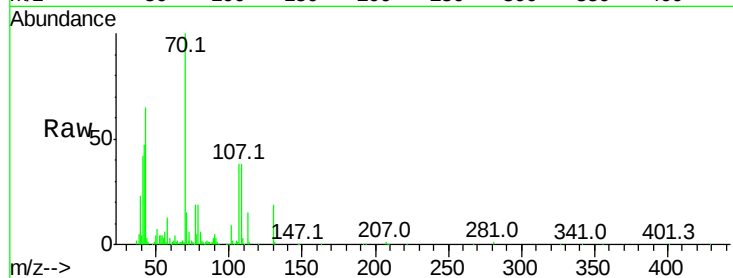
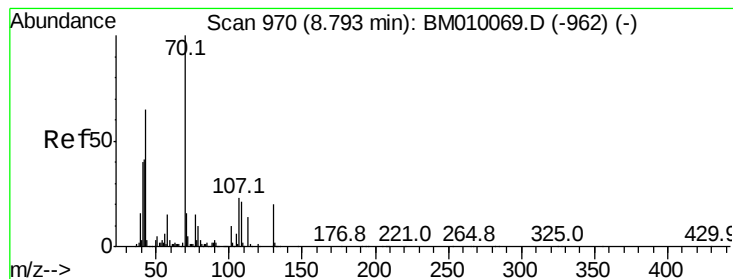
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.8	134.8
77	63.7	32.6	48.8
79	60.5	32.8	49.2



#18
Hexachloroethane
Concen: 42.62 ng
RT: 9.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.2	118.8
201	139.9	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.98 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 279891

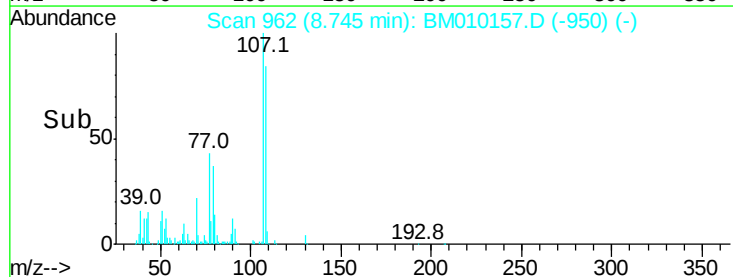
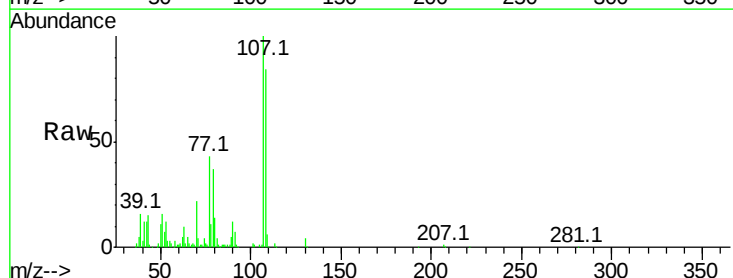
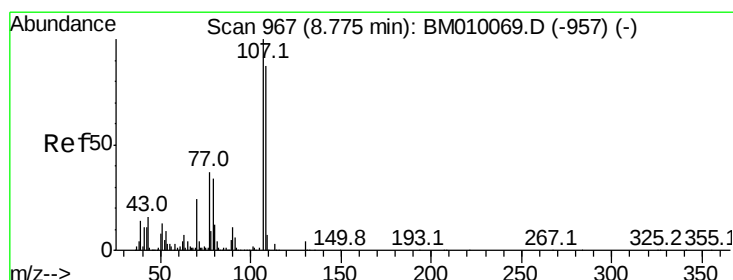
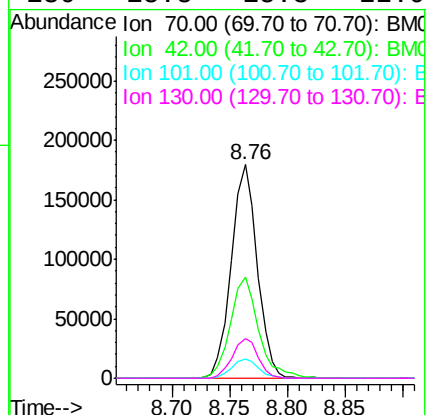
Ion Ratio Lower Upper

70 100

42 47.1 44.5 66.7

101 8.9 7.4 11.2

130 18.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.29 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion: 107 Resp: 376380

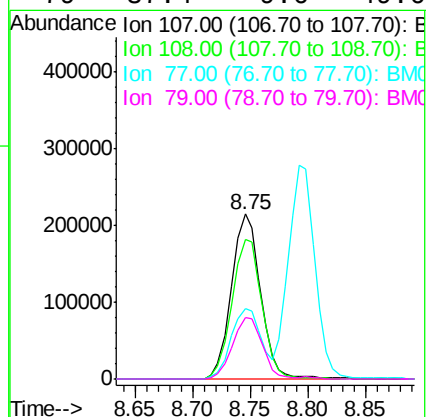
Ion Ratio Lower Upper

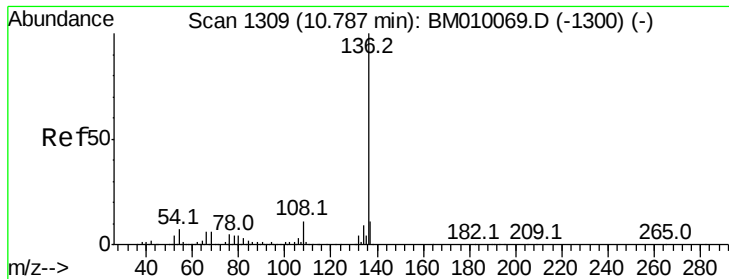
107 100

108 84.4 73.2 113.2

77 42.9 10.7 50.7

79 37.4 9.6 49.6

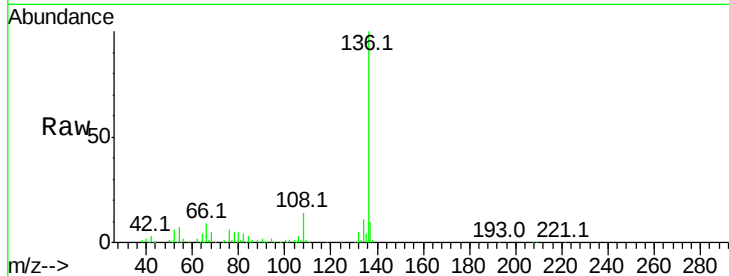




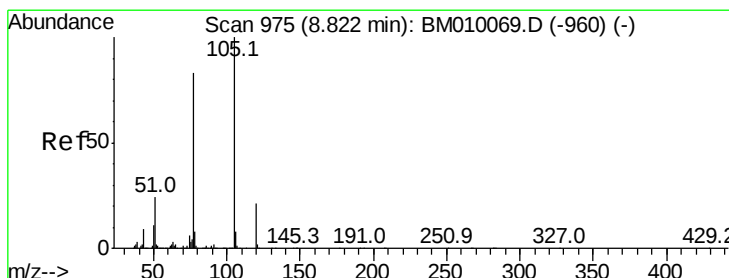
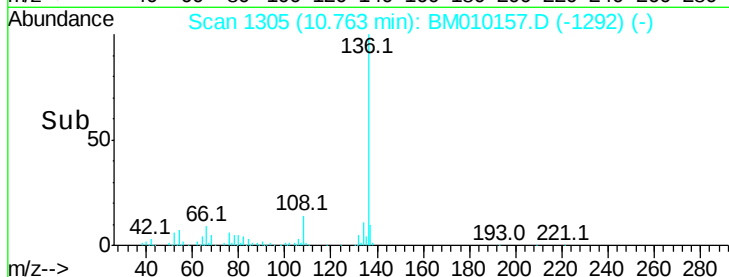
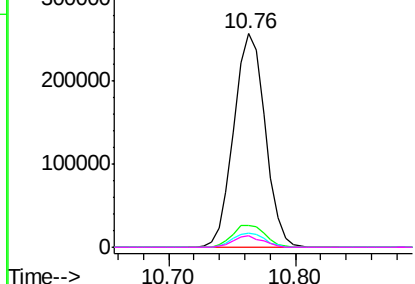
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	440774
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.7	13.1
54 6.8	4.6	6.8
68 5.3	3.7	5.5

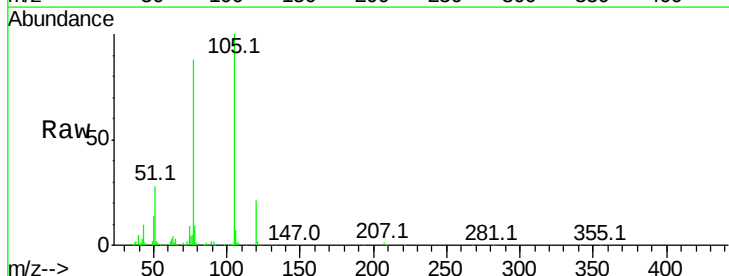


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

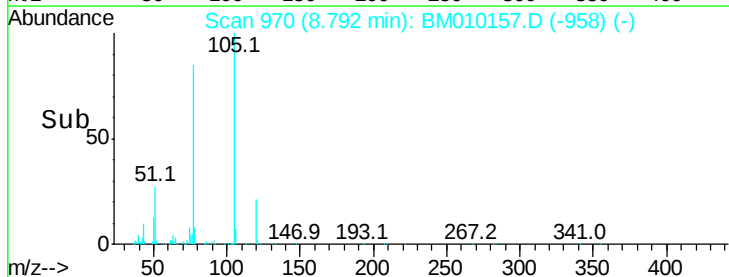
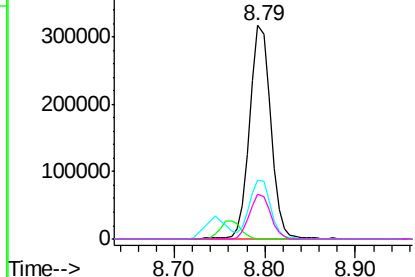


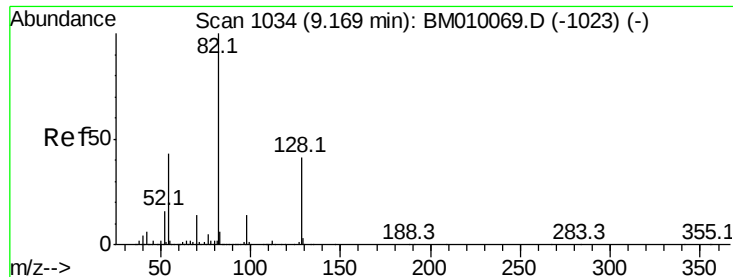
#22
Acetophenone
Concen: 45.41 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt	Ion:105	Resp:	513108
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.6	1.0#
51	27.7	21.6	32.4
120	20.7	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

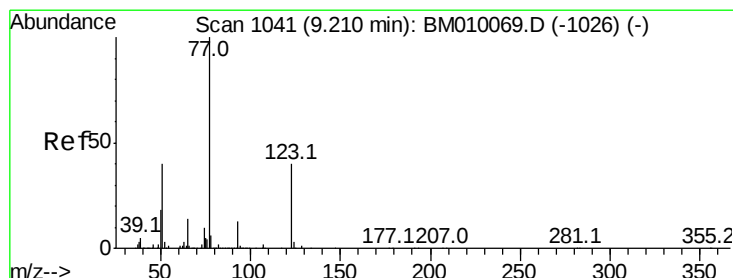
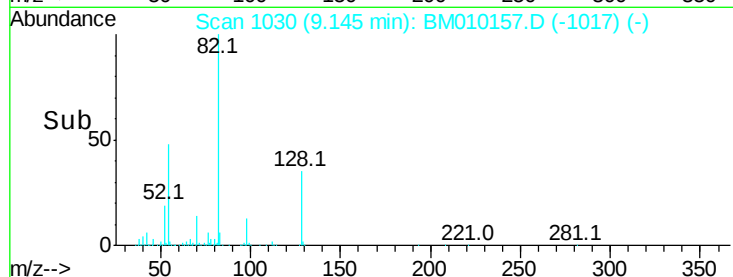
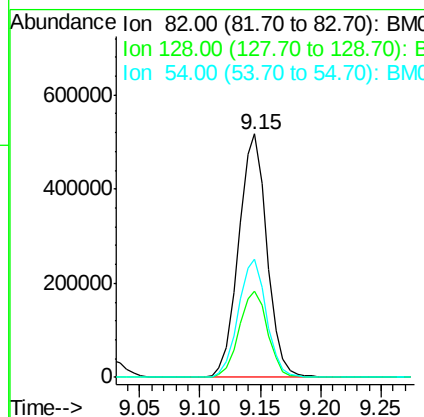
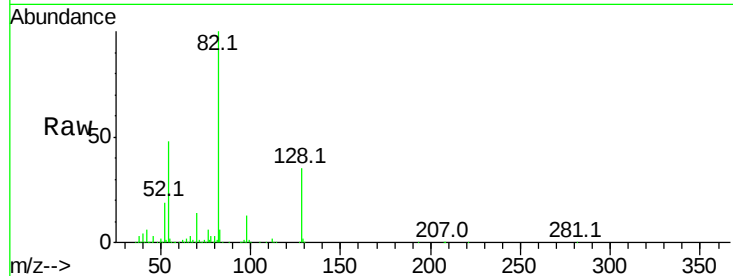




#23
Nitrobenzene-d5
Concen: 103.77 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

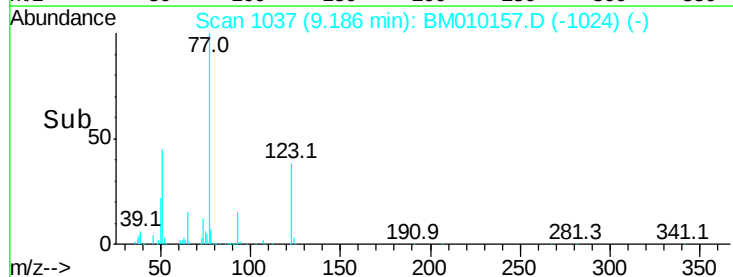
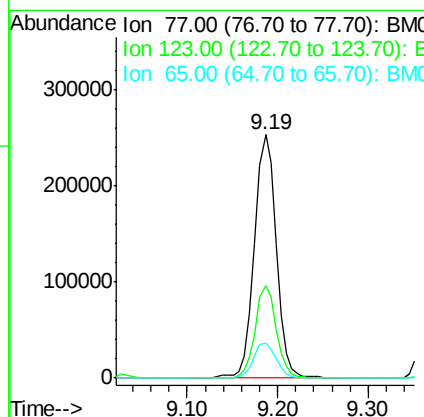
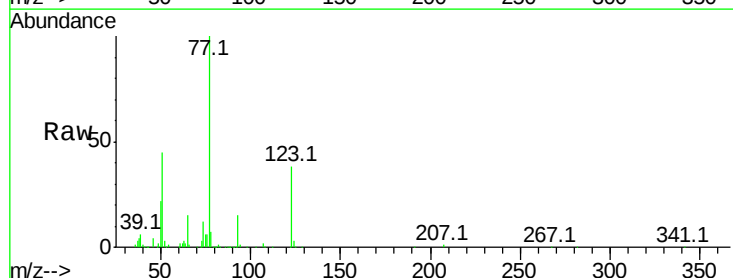
Instrument :
BNA_M
ClientSampleId :

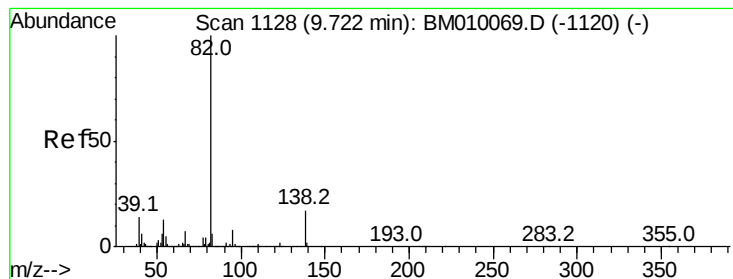
Tot Ion	82	Resp	847751
Ion Ratio	100	Lower	Upper
128	35.4	32.8	49.2
54	48.3	40.6	60.8



#24
Nitrobenzene
Concen: 50.46 ng
RT: 9.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	77	Resp	424734
Ion Ratio	100	Lower	Upper
123	37.8	32.6	49.0
65	14.5	10.9	16.3





#25

Isophorone

Concen: 47.48 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampled :

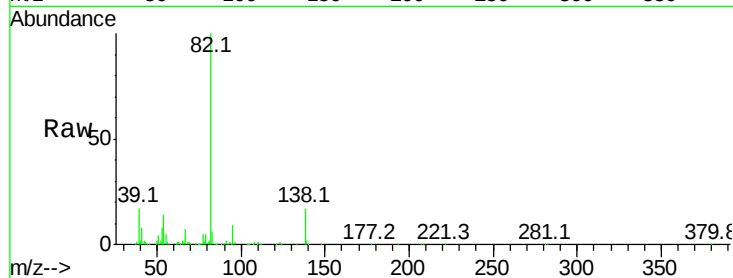
Tot Ion: 82 Resp: 670226

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.6#

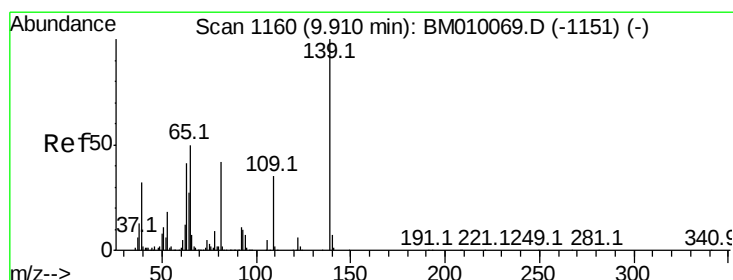
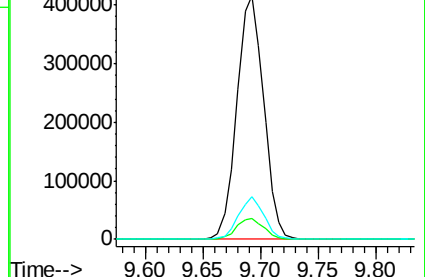
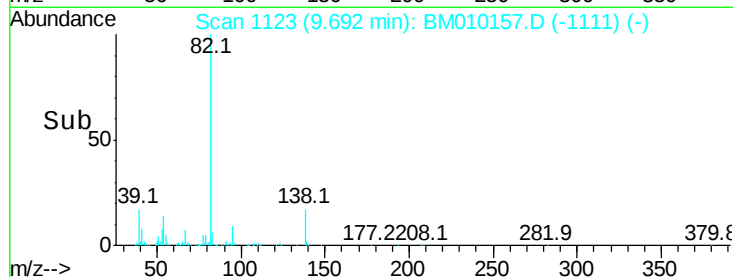
138 17.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010157.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BM010157.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BM010157.D (-1123) (-)



#26

2-Nitrophenol

Concen: 47.03 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

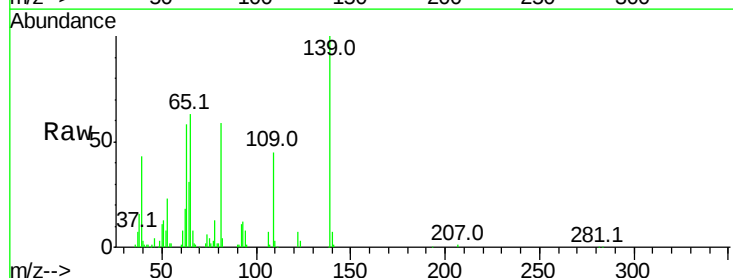
Tgt Ion: 139 Resp: 166861

Ion Ratio Lower Upper

139 100

109 45.2 20.1 30.1#

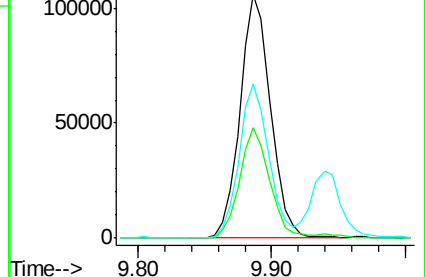
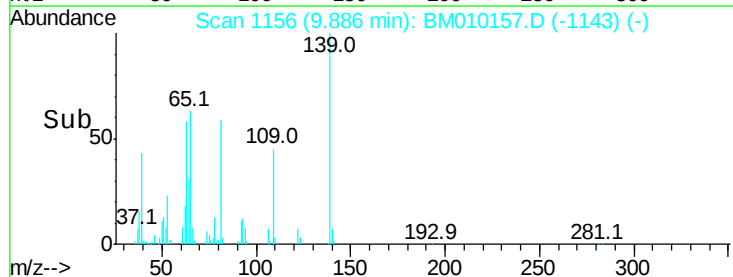
65 63.4 31.5 47.3#

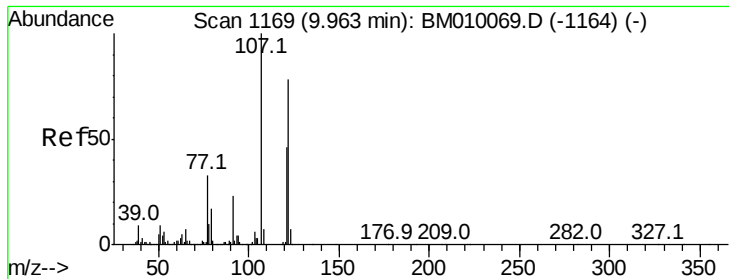


Abundance Ion 139.00 (138.70 to 139.70): BM010157.D (-1156) (-)

Ion 109.00 (108.70 to 109.70): BM010157.D (-1156) (-)

Ion 65.00 (64.70 to 65.70): BM010157.D (-1156) (-)

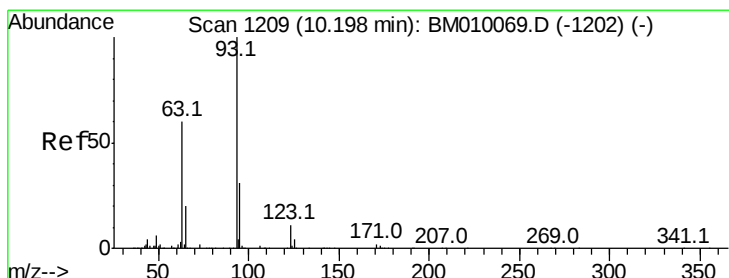
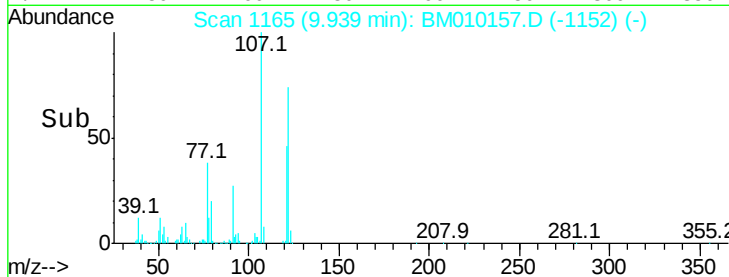
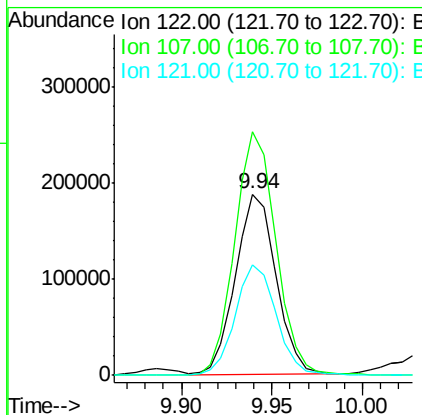
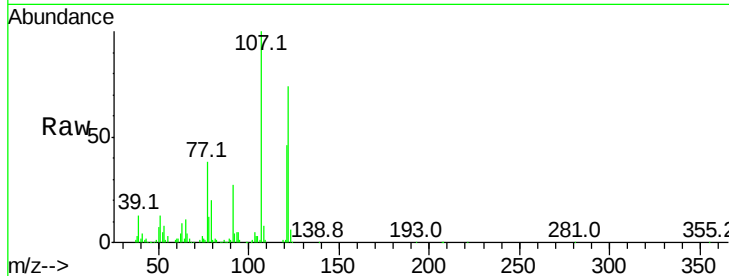




#27
 2,4-Dimethylphenol
 Concen: 45.29 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

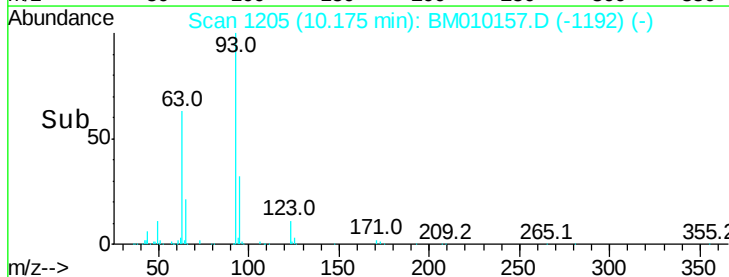
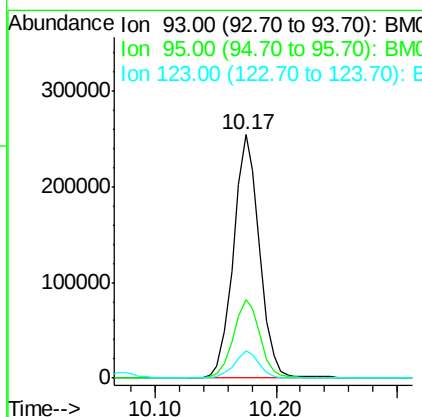
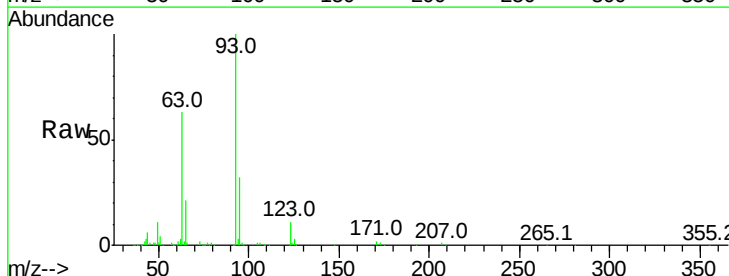
Instrument :
 BNA_M
 ClientSampleId :

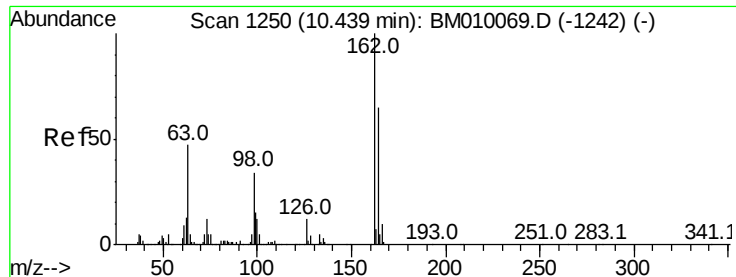
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.3	84.7	127.1#
121	61.1	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.67 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	11.0	8.6	13.0

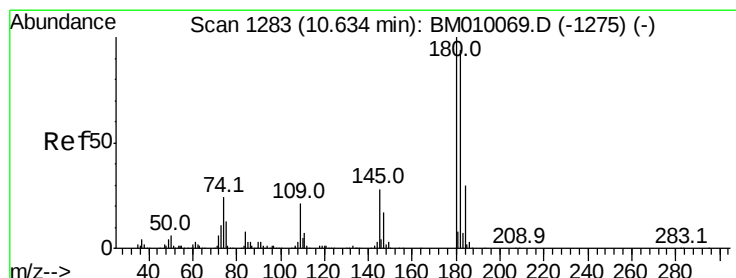
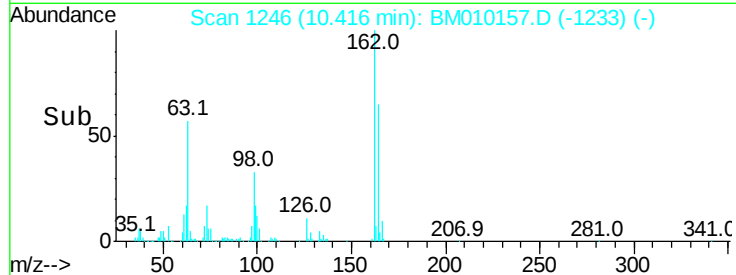
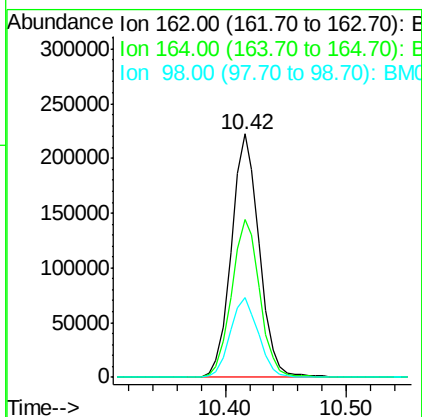
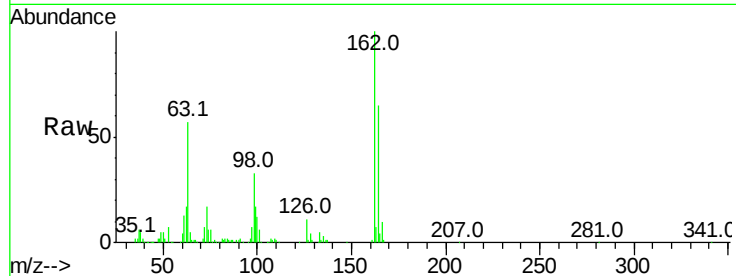




#29
2,4-Dichlorophenol
Concen: 48.37 ng
RT: 10.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

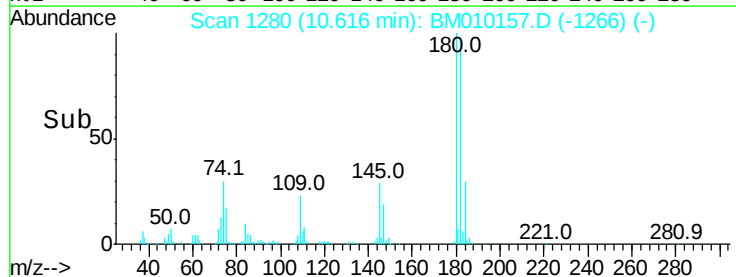
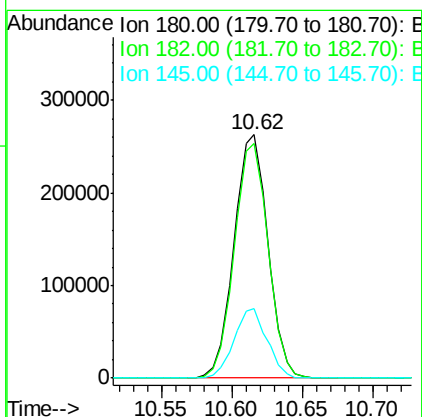
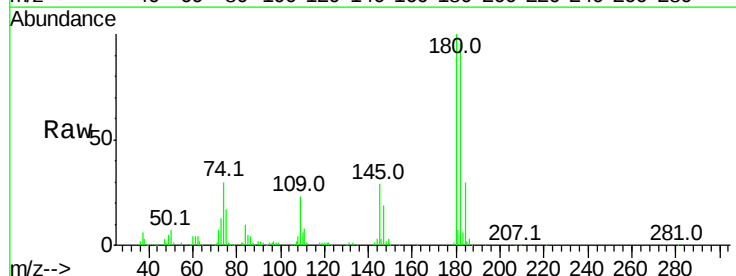
Instrument :
BNA_M
ClientSampled :

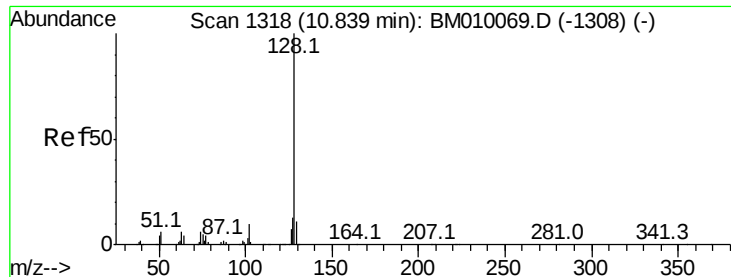
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.8	82.8
98	33.0	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 46.08 ng
RT: 10.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.6	116.4
145	28.8	23.4	35.2

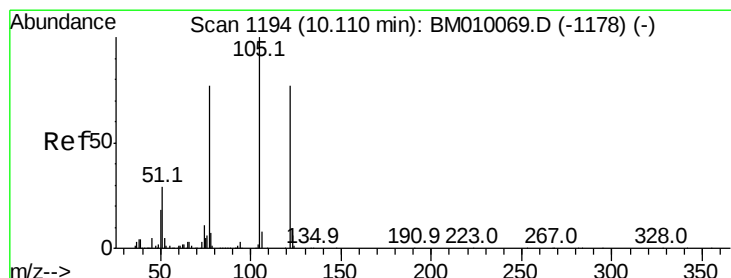
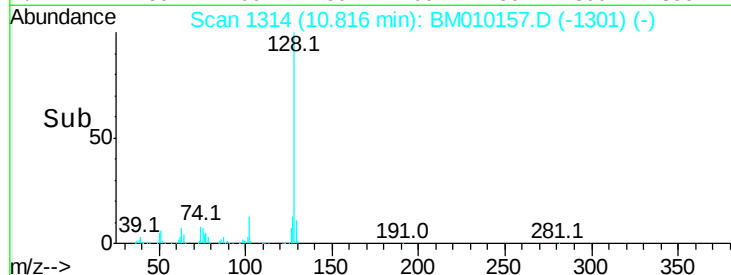
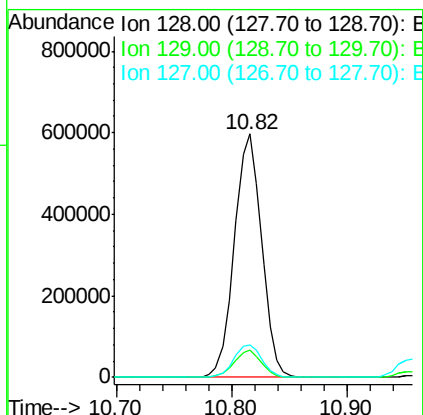
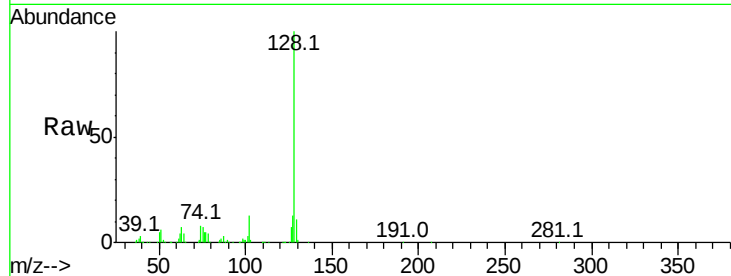




#31
Naphthalene
Concen: 41.36 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

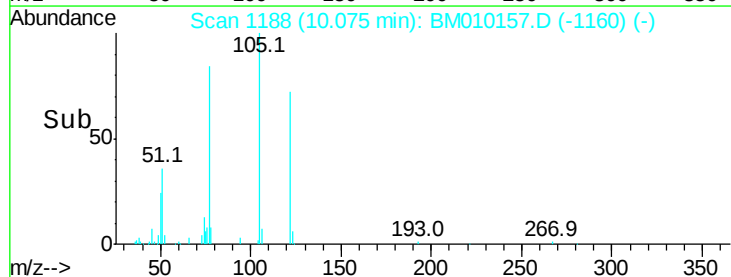
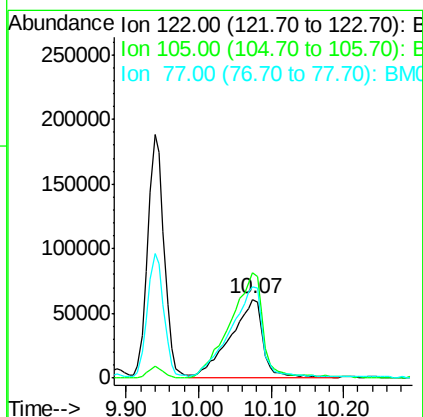
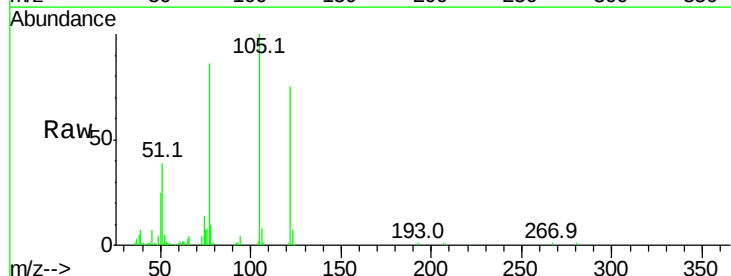
Instrument :
BNA_M
ClientSampleId :

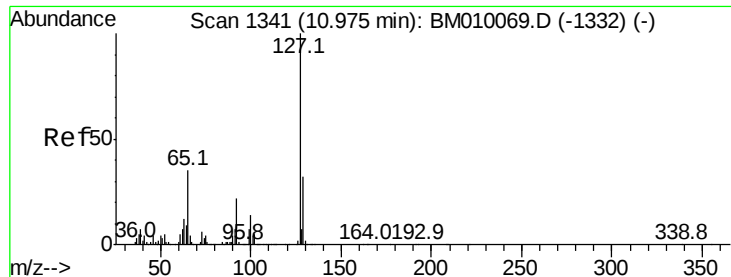
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.4	10.4	15.6



#32
Benzoic acid
Concen: 43.20 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	99.9	139.9
77	114.8	73.7	113.7

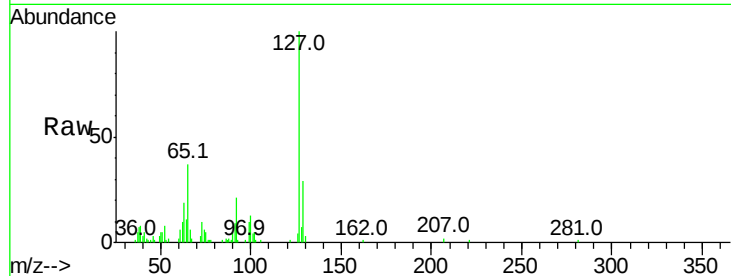




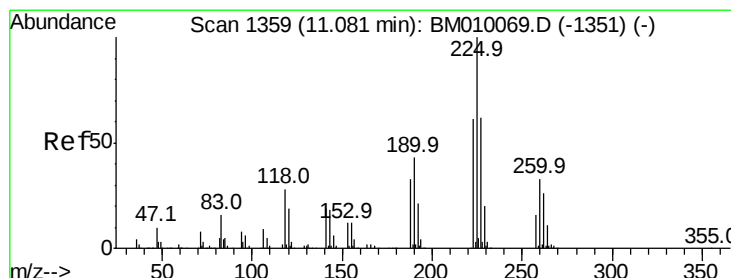
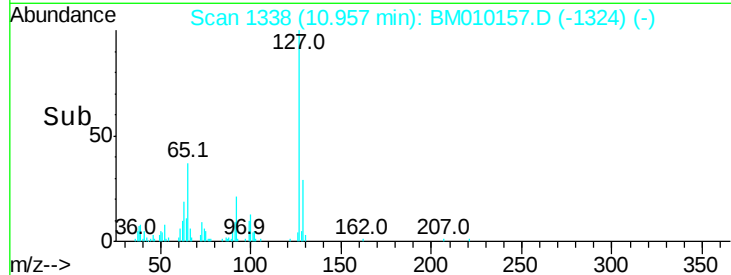
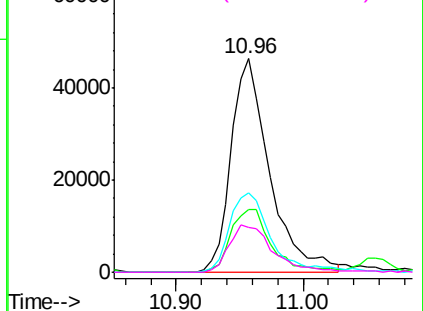
#33
4-Chloroaniline
Concen: 10.75 ng
RT: 10.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	97692
Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.3	37.9
65	37.0	17.6	26.4
92	21.2	13.1	19.7

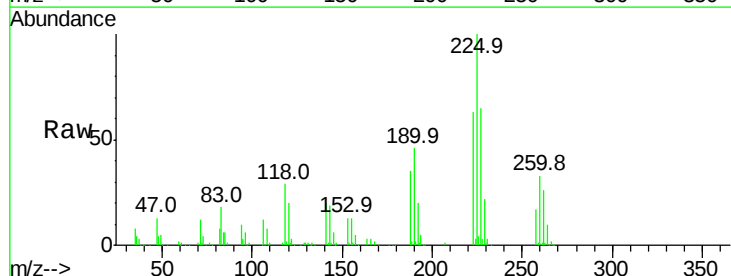


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

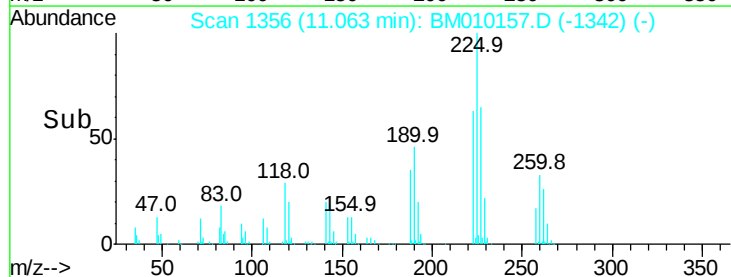
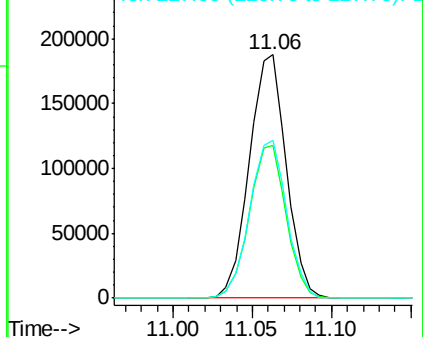


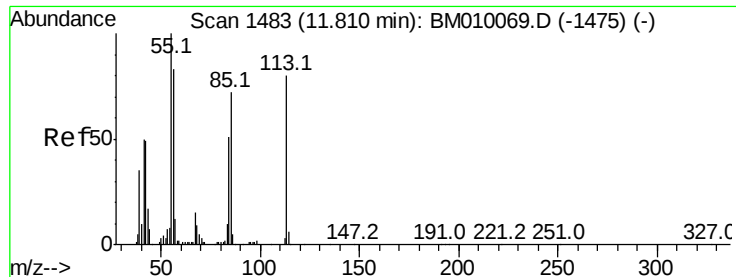
#34
Hexachlorobutadiene
Concen: 47.79 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion:	225	Resp:	304198
Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.9	71.9
227	65.0	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.50 ng

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

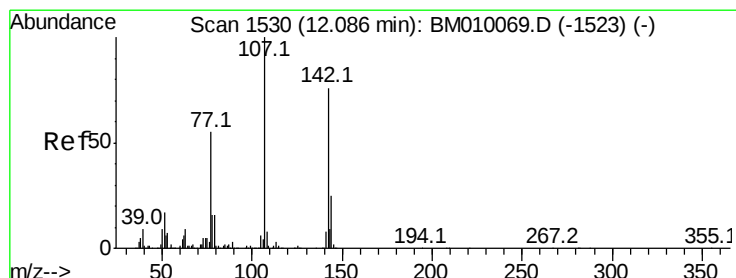
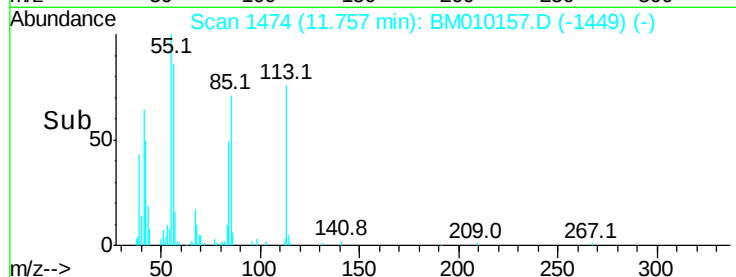
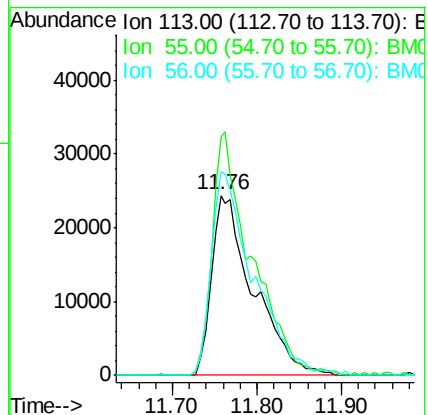
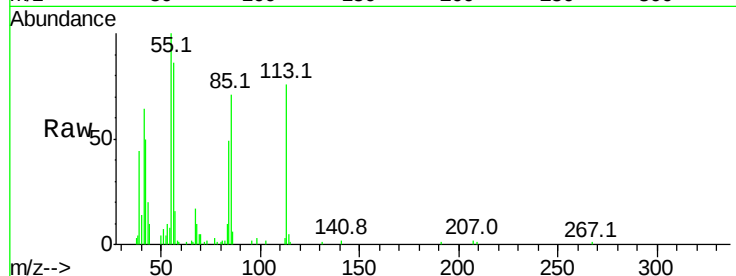
Tot Ion:113 Resp: 83602

Ion Ratio Lower Upper

113 100

55 132.4 145.9 185.9#

56 113.4 101.0 141.0



#36

4-Chloro-3-methylphenol

Concen: 43.84 ng

RT: 12.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

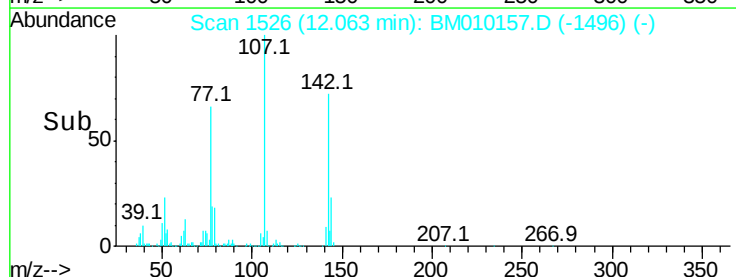
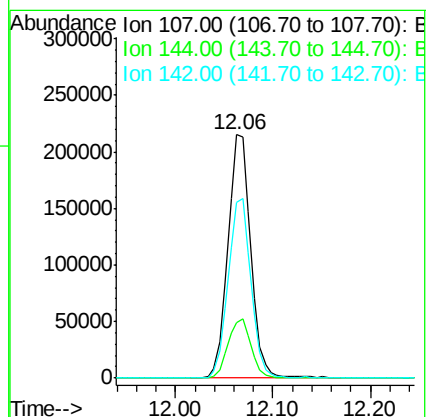
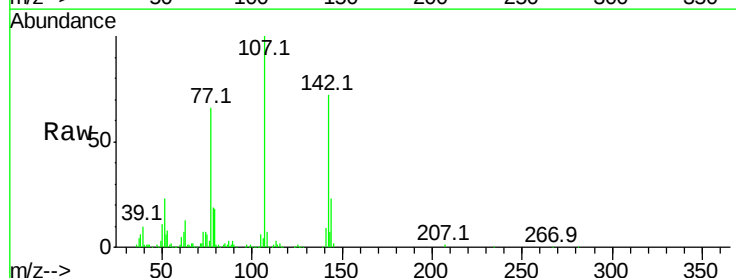
Tgt Ion:107 Resp: 350188

Ion Ratio Lower Upper

107 100

144 23.0 23.3 34.9#

142 72.4 72.6 109.0#

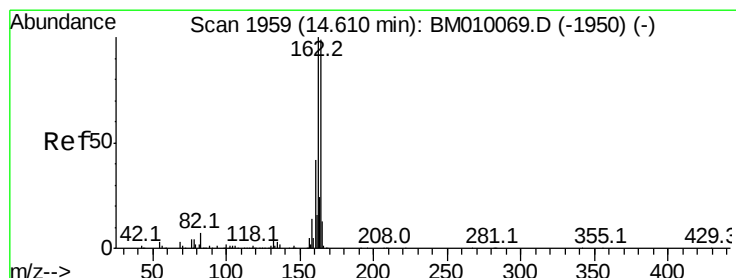
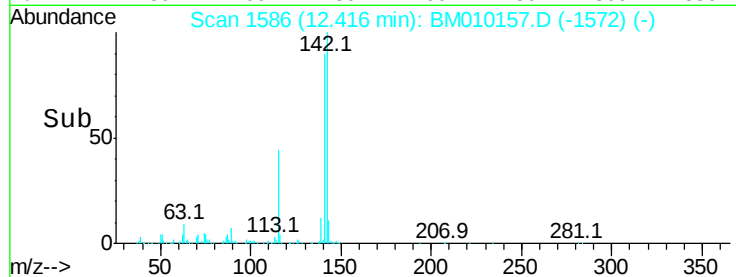
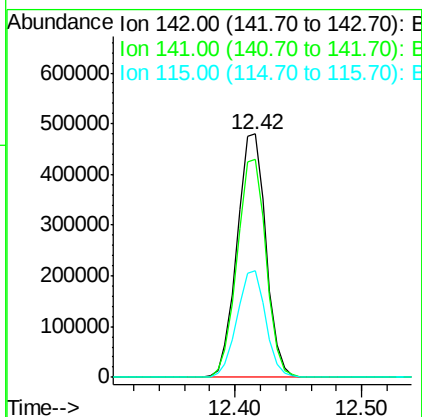
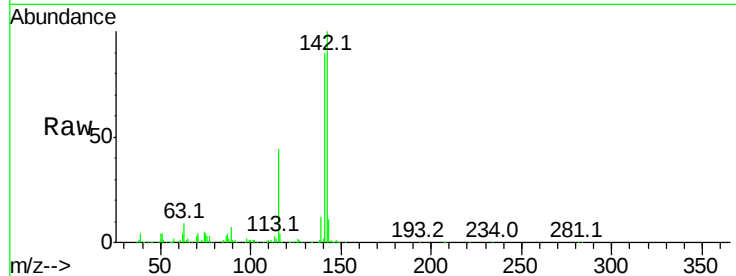




#37
2-Methylnaphthalene
Concen: 44.60 ng
RT: 12.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

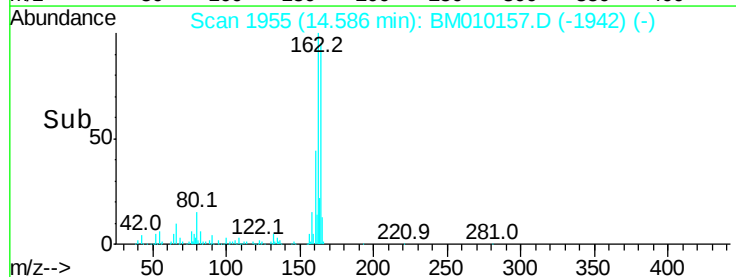
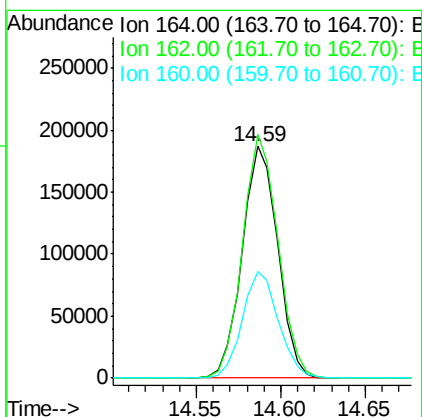
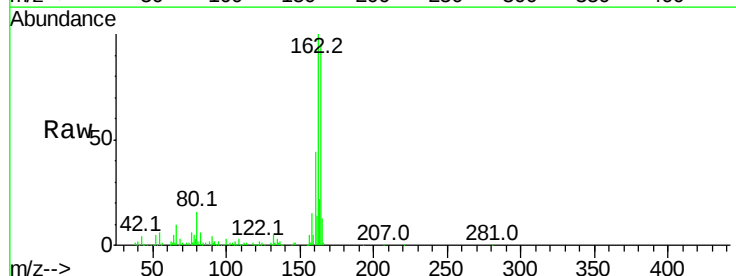
Instrument :
BNA_M
ClientSampleId :

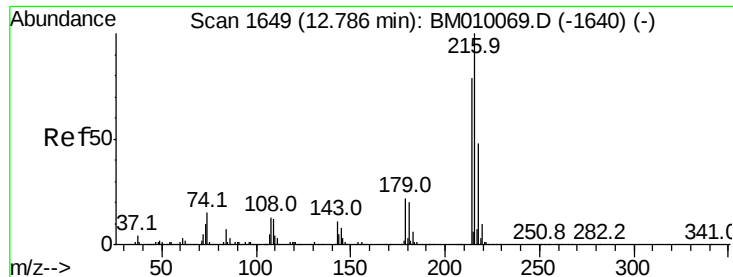
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	43.8	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	46.2	35.8	53.6

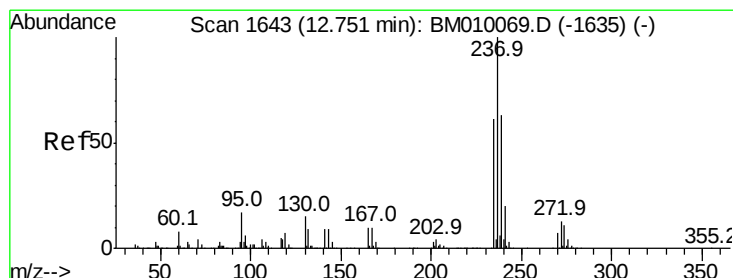
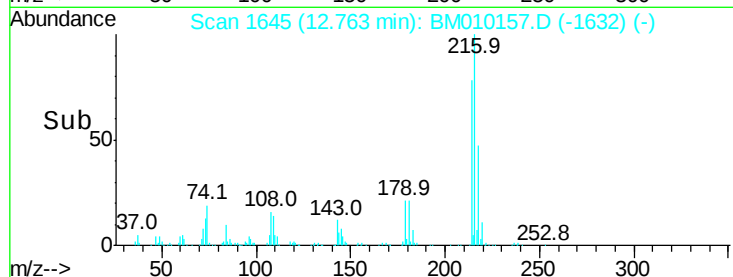
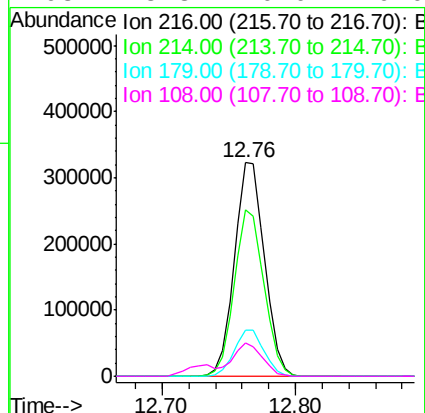
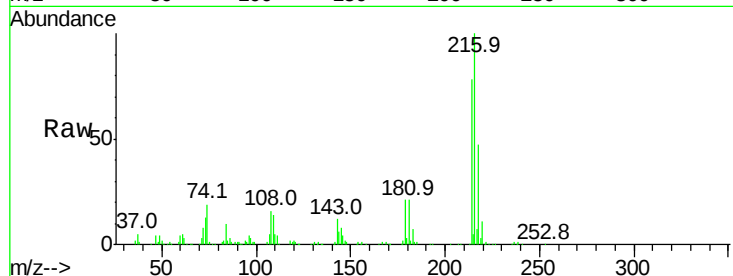




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.88 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

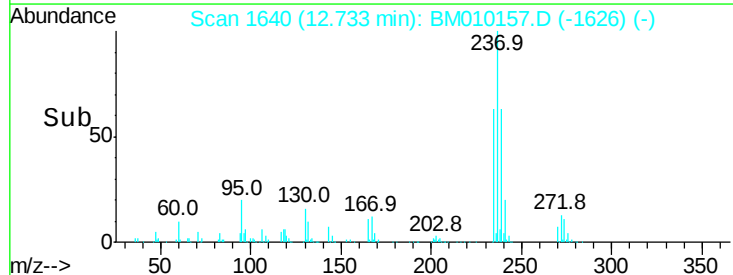
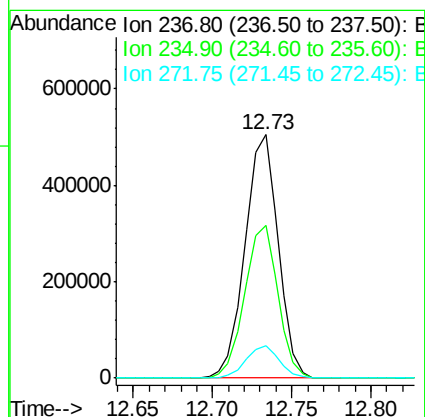
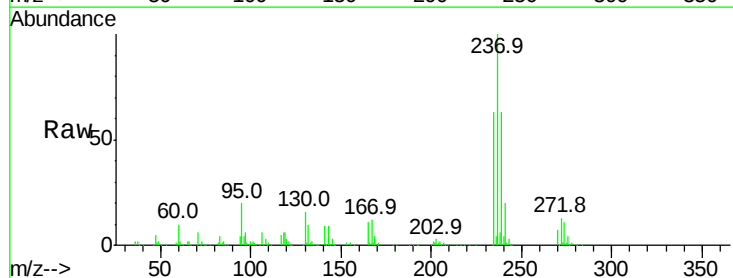
Instrument :
 BNA_M
 ClientSampled :

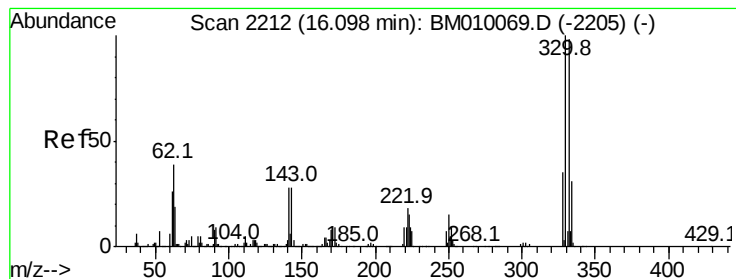
Tot Ion:	216	Resp:	505521
Ion	Ratio	Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	21.4	0.0	0.0#
108	15.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 120.24 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion:	237	Resp:	733065
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.0	82.0
272	13.3	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 149.85 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

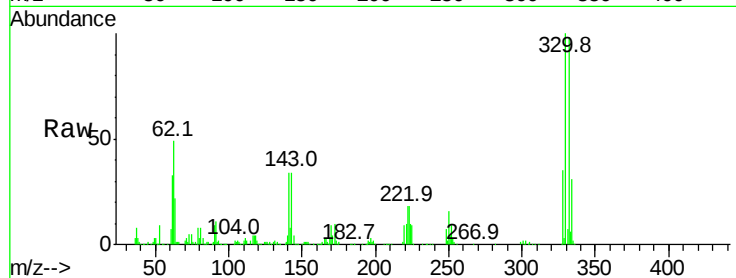
Tot Ion:330 Resp: 624914

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

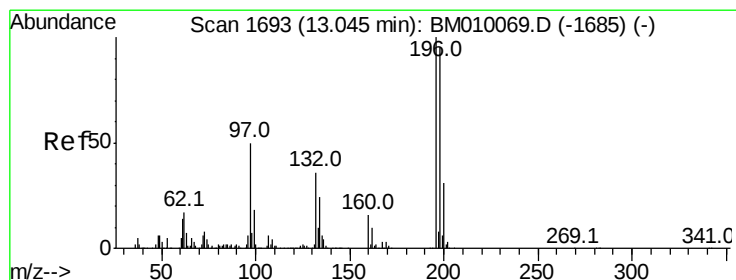
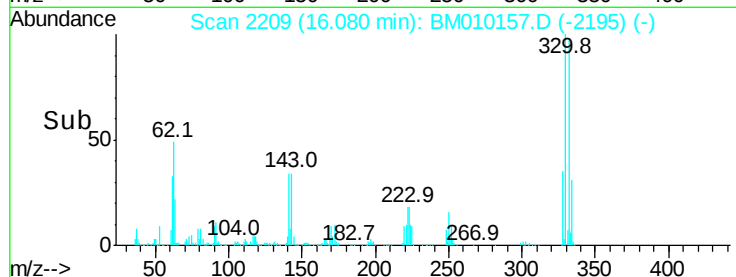
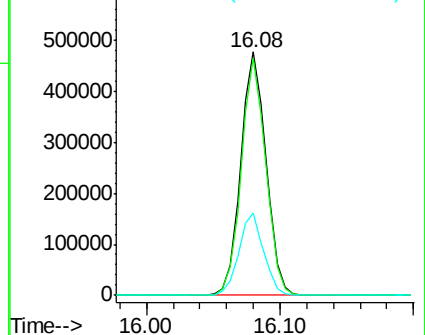
141 33.4 0.0 0.0#



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: 50.57 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

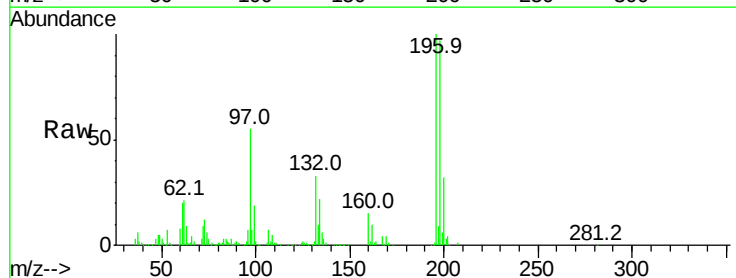
Tgt Ion:196 Resp: 314511

Ion Ratio Lower Upper

196 100

198 97.1 76.3 114.5

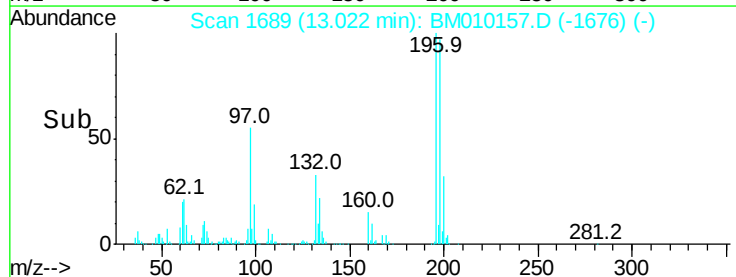
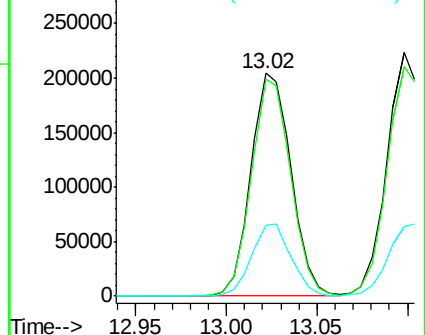
200 31.7 25.6 38.4

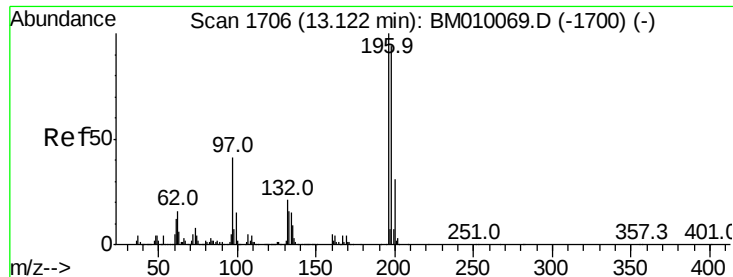


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

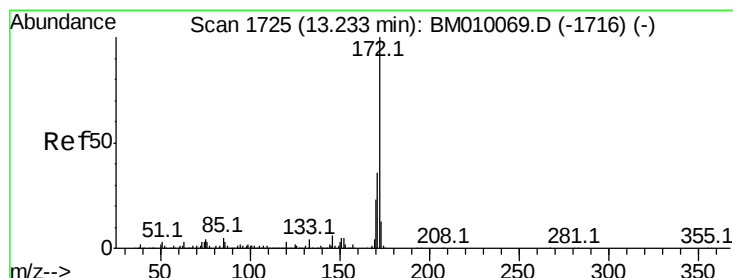
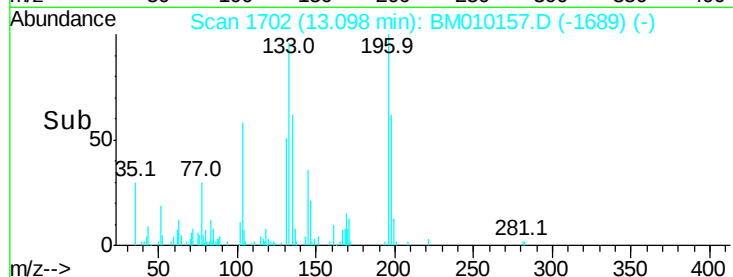
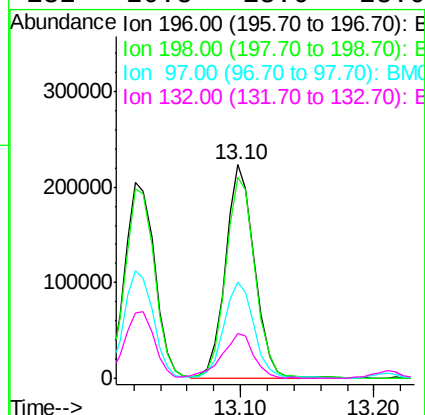
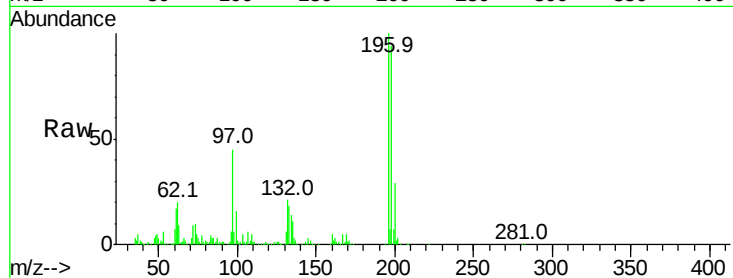




#43
2,4,5-Trichlorophenol
Concen: 49.09 ng
RT: 13.10 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

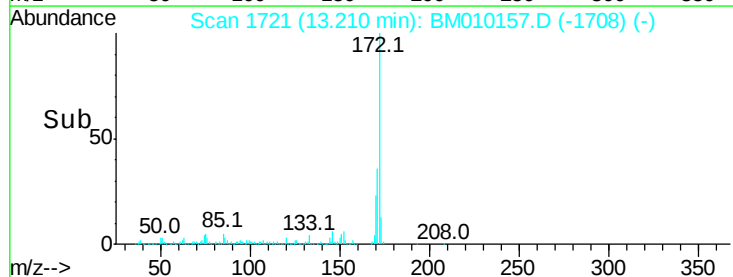
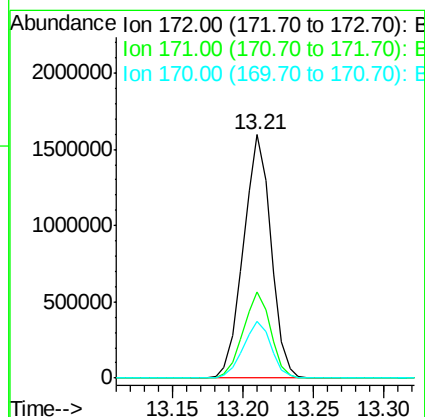
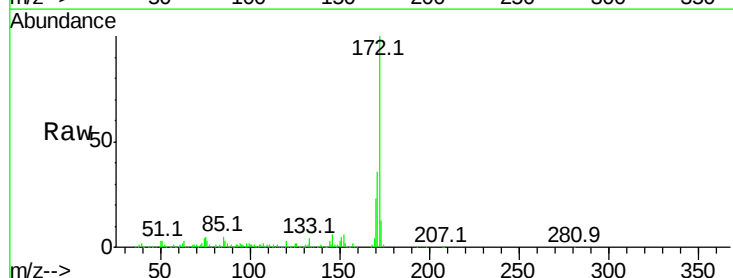
Instrument :
BNA_M
ClientSampleId :

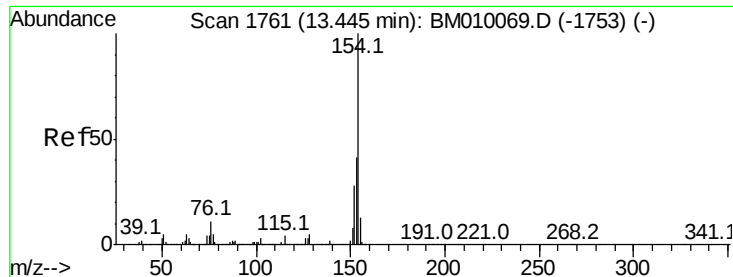
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	79.4	119.0
97	45.2	26.8	40.2
132	20.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 102.34 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.1	18.8	28.2





#45

1,1'-Biphenyl

Concen: 45.72 ng

RT: 13.42 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

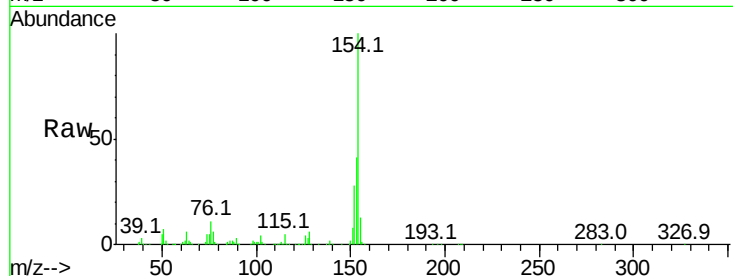
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 1032281

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	10.9	0.0	30.9

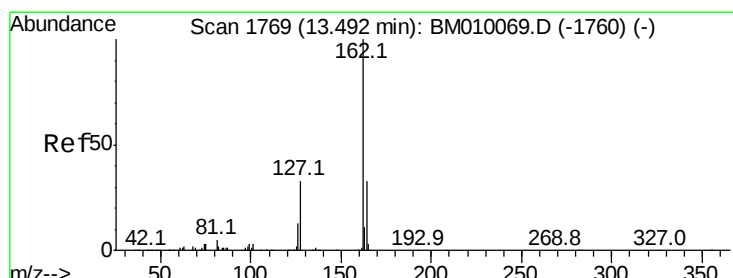
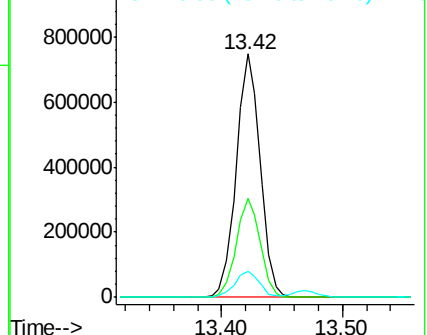
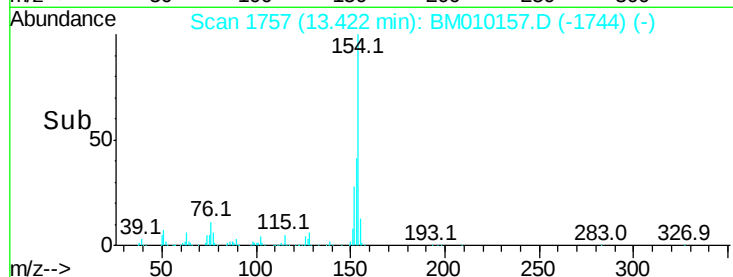


Abundance

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: 44.76 ng

RT: 13.47 min Scan# 1765

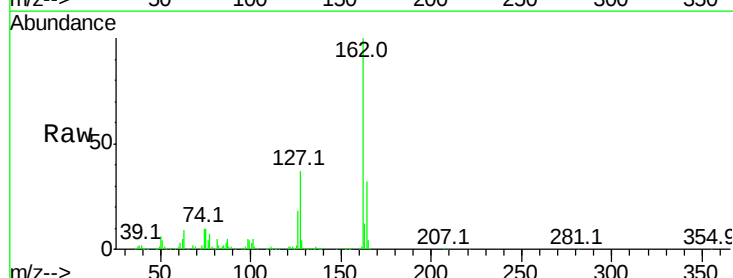
Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion:162 Resp: 818262

Ion	Ratio	Lower	Upper
162	100		
127	37.2	26.9	40.3
164	32.3	26.8	40.2

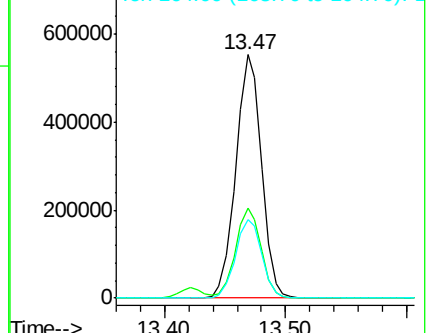
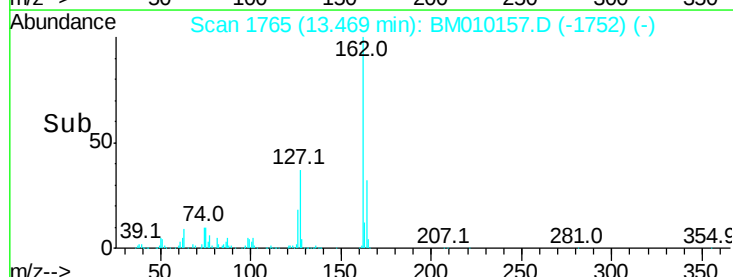


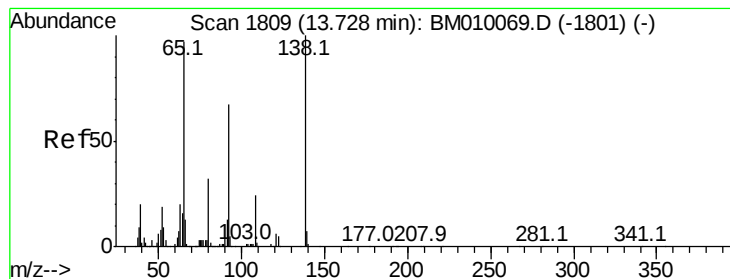
Abundance

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: 47.25 ng

RT: 13.70 min Scan# 1805

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

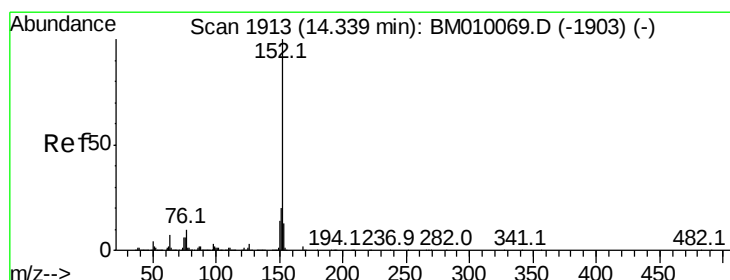
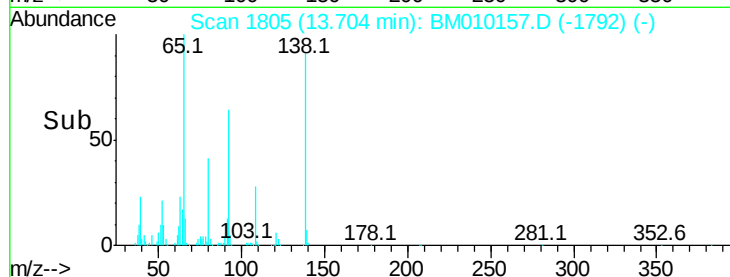
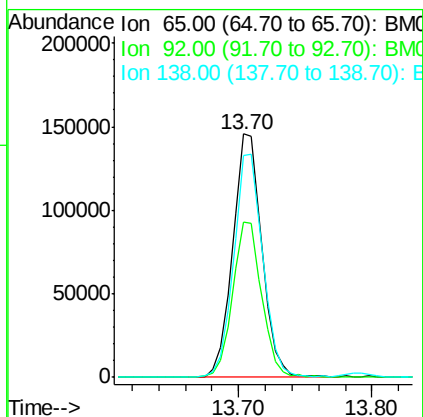
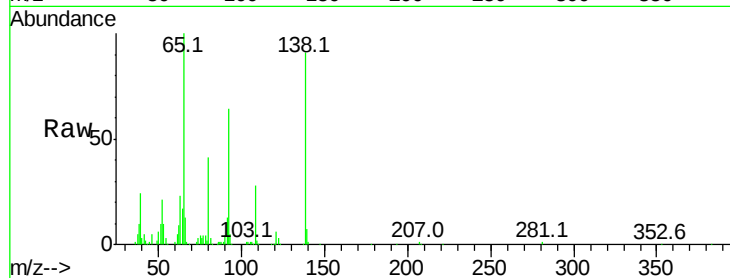
Tot Ion: 65 Resp: 222139

Ion Ratio Lower Upper

65 100

92 63.7 59.1 88.7

138 90.9 93.9 140.9#



#48

Acenaphthylene

Concen: 45.41 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

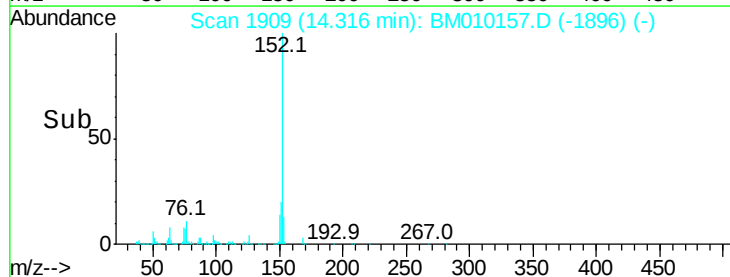
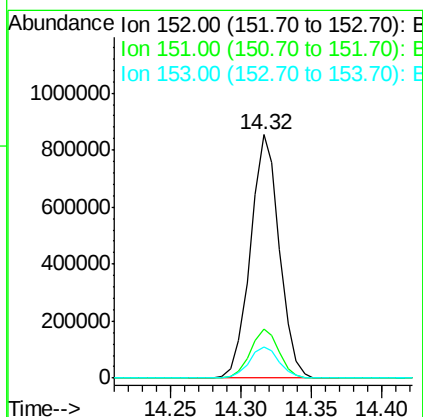
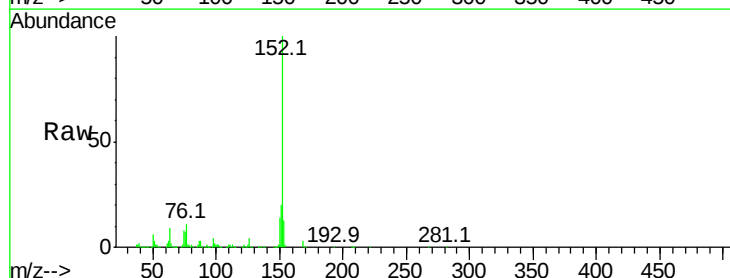
Tgt Ion: 152 Resp: 1227420

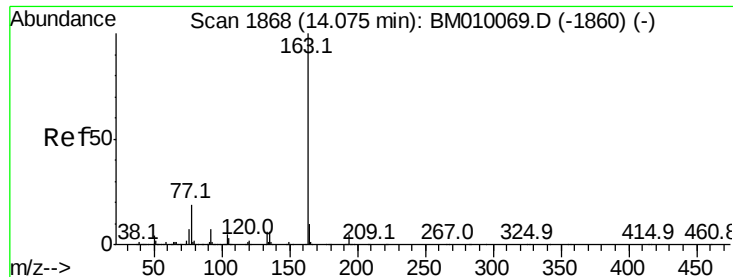
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 42.03 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

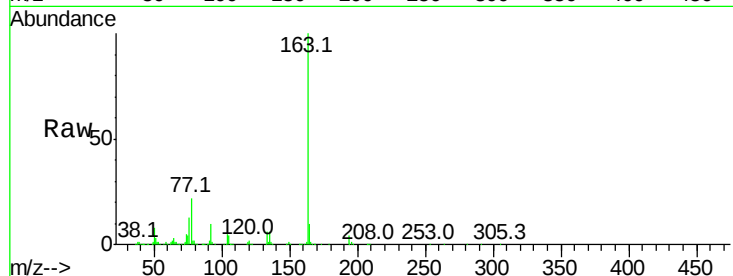
Tot Ion:163 Resp: 1029501

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

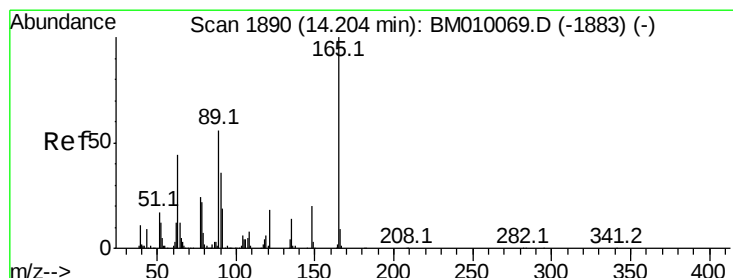
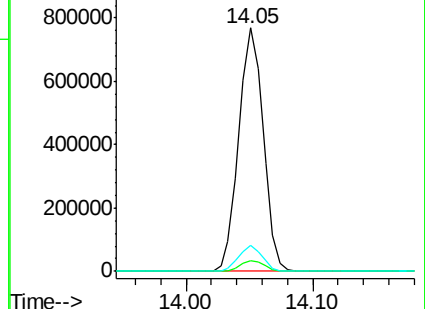
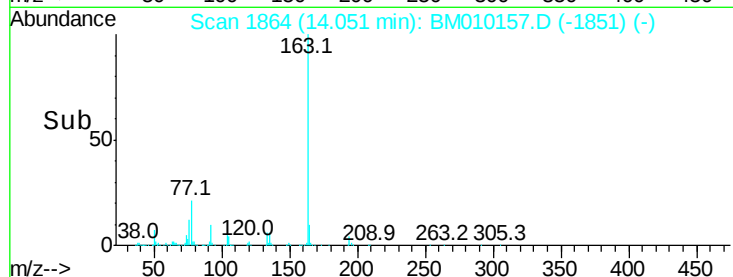
164 10.4 8.2 12.2



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: 45.58 ng

RT: 14.19 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

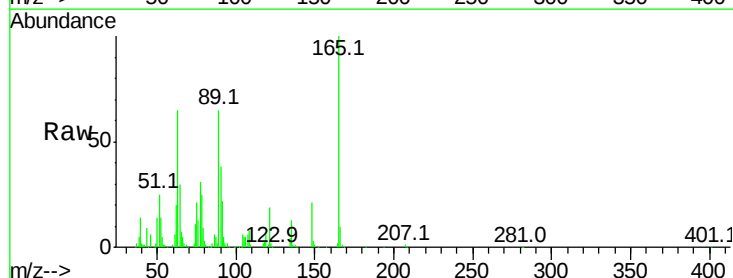
Tgt Ion:165 Resp: 211995

Ion Ratio Lower Upper

165 100

63 65.1 44.1 66.1

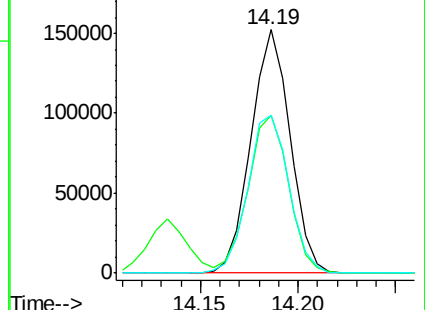
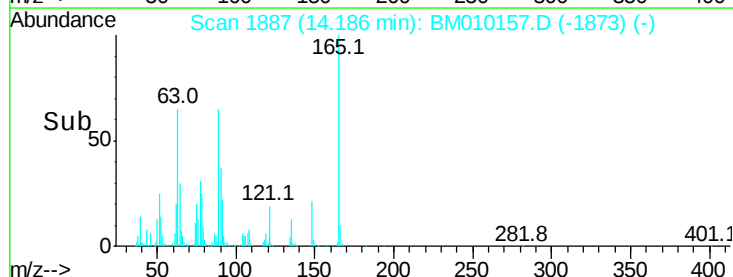
89 64.9 44.3 66.5

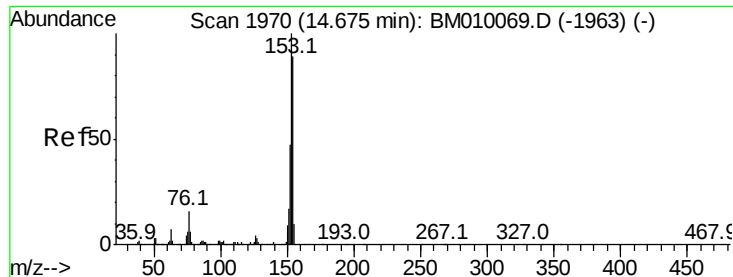


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 44.37 ng

RT: 14.65 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

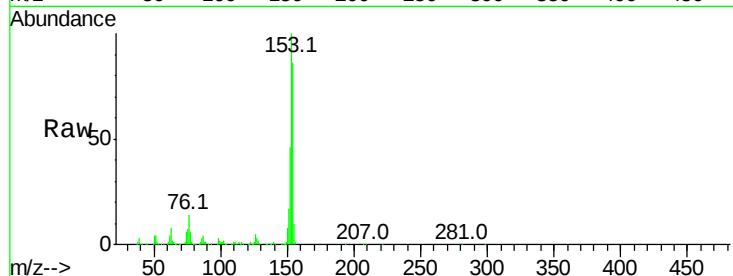
Tot Ion:154 Resp: 745701

Ion Ratio Lower Upper

154 100

153 115.9 90.0 135.0

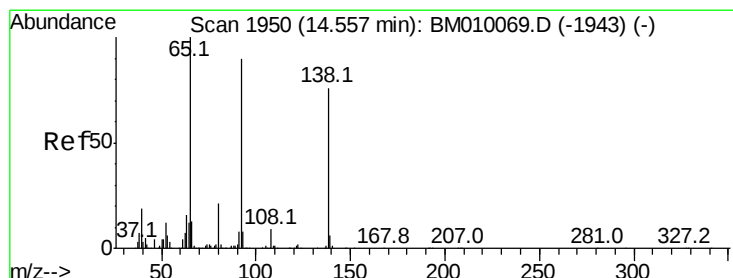
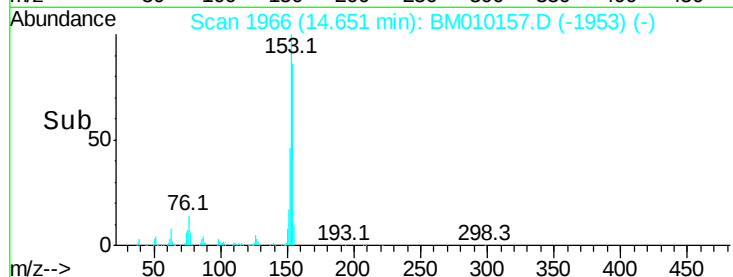
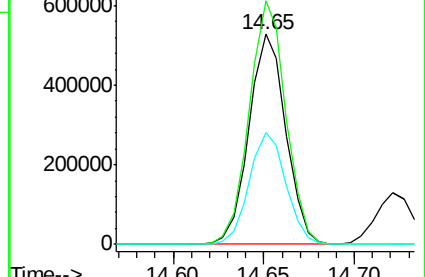
152 53.0 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.59 ng

RT: 14.53 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

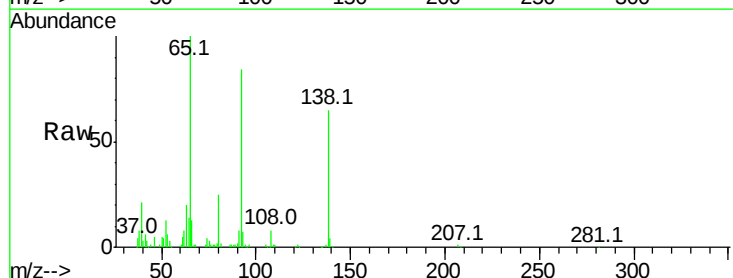
Tgt Ion:138 Resp: 132248

Ion Ratio Lower Upper

138 100

108 12.9 7.3 10.9#

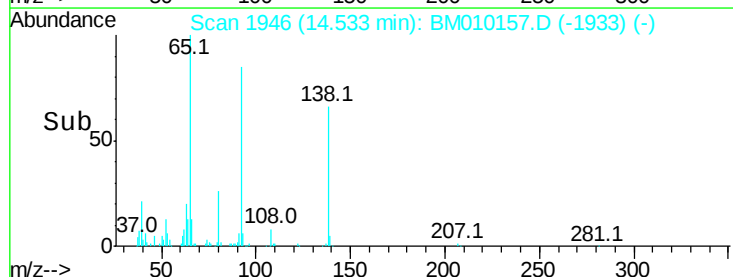
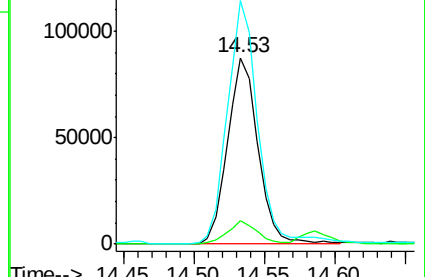
92 130.5 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

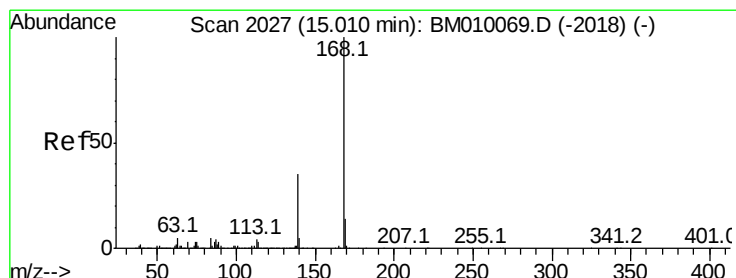
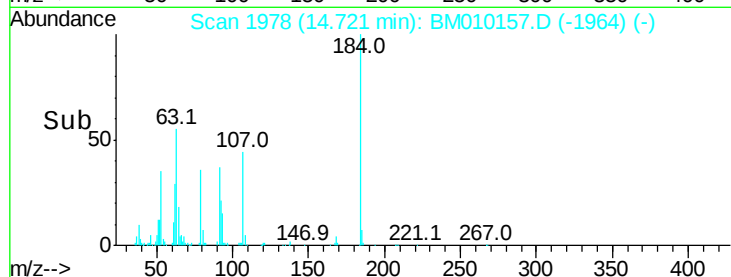
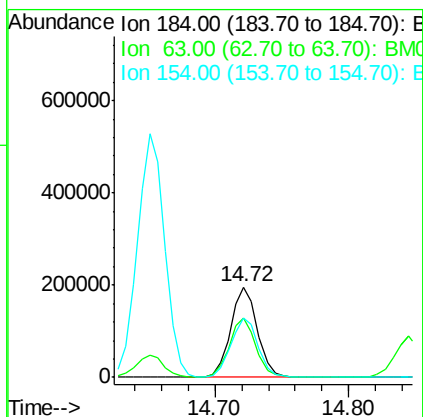
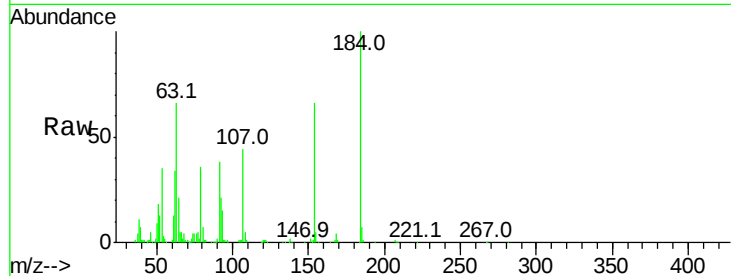




#53
2,4-Dinitrophenol
Concen: 87.95 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

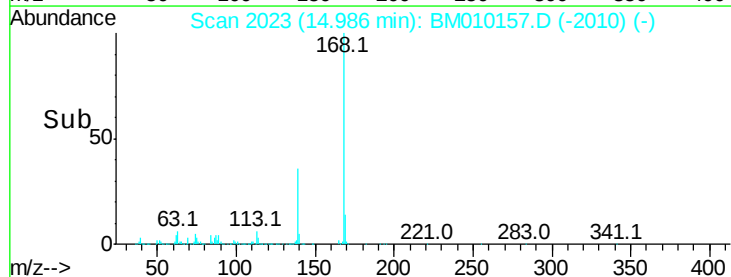
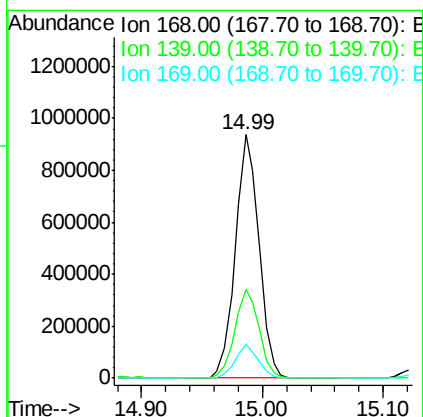
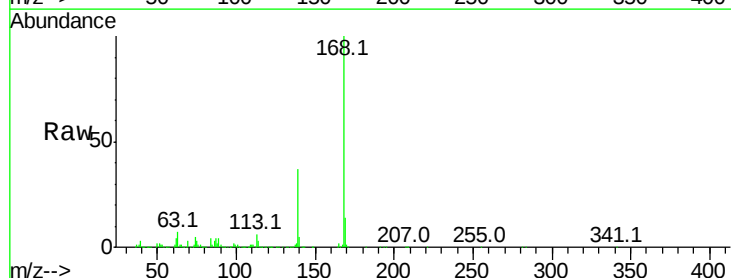
Instrument :
BNA_M
ClientSampleId :

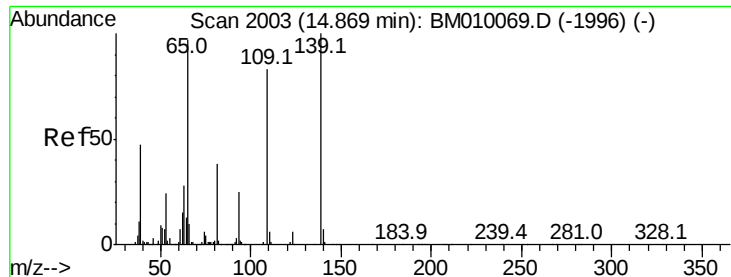
Tot Ion:184 Resp: 273892
Ion Ratio Lower Upper
184 100
63 65.6 69.2 103.8#
154 66.1 53.3 79.9



#54
Dibenzofuran
Concen: 48.39 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion:168 Resp: 1278803
Ion Ratio Lower Upper
168 100
139 36.6 27.3 40.9
169 13.6 10.6 16.0

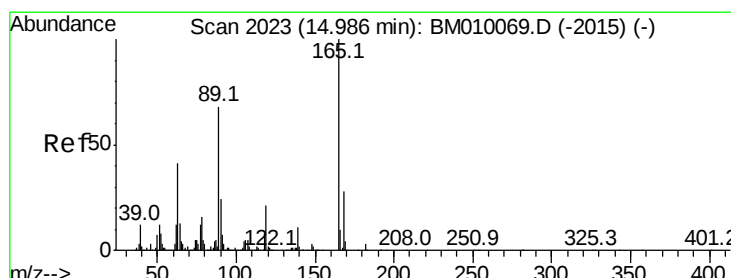
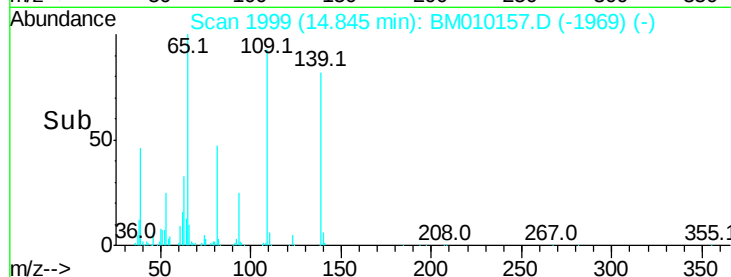
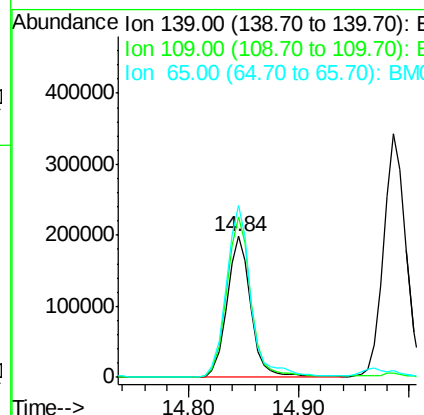
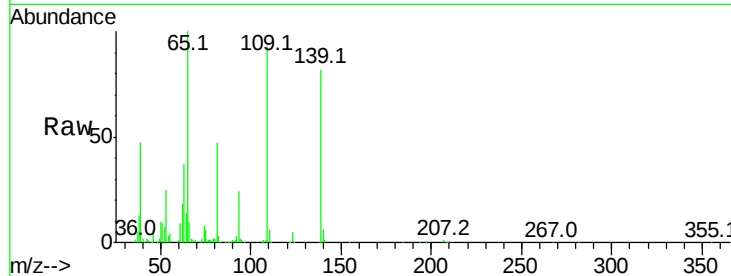




#55
4-Nitrophenol
Concen: 86.76 ng
RT: 14.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

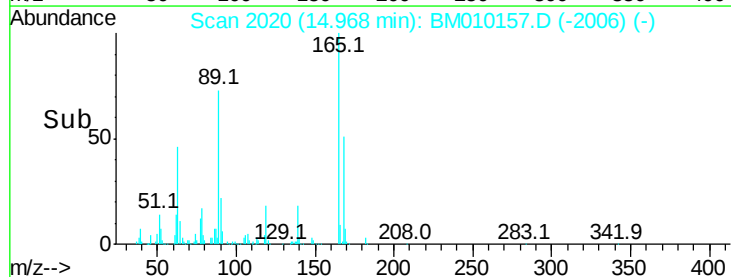
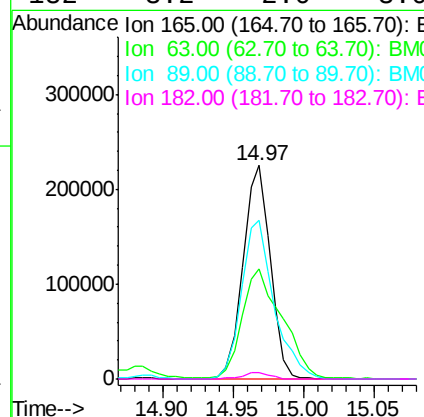
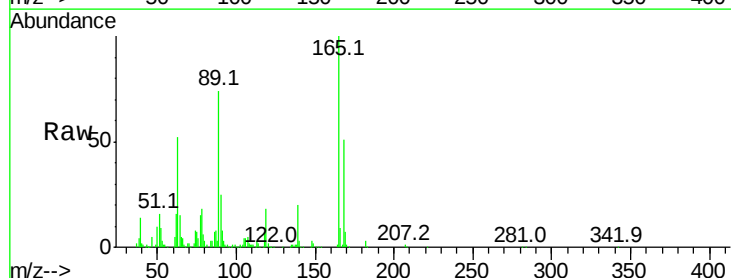
Instrument :
BNA_M
ClientSampleId :

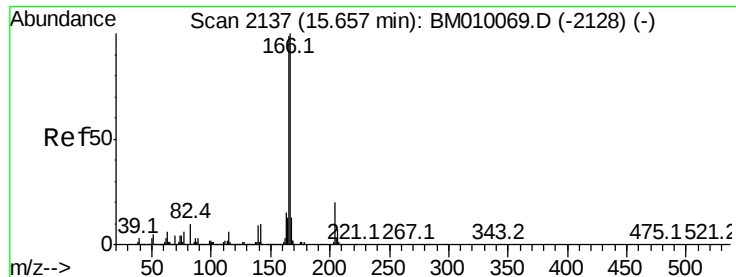
Tot Ion	Ratio	Lower	Upper
139	100		
109	113.8	37.7	77.7#
65	122.3	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 46.14 ng
RT: 14.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	52.4	78.6#
89	74.2	72.4	108.6
182	3.2	2.0	3.0#





#57

Fluorene

Concen: 45.29 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

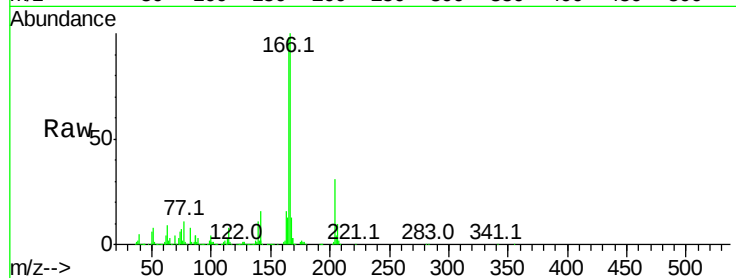
Instrument :

BNA_M

ClientSampleId :

Tot Ion:166 Resp: 1040776

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.4	10.3	15.5

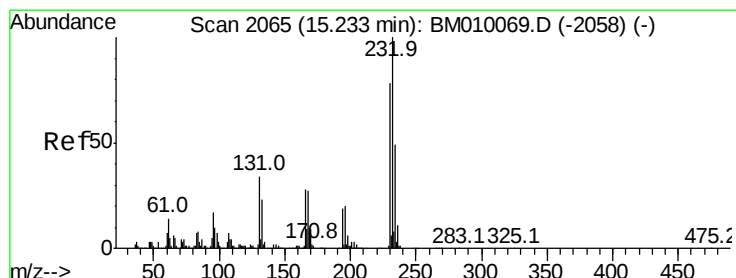
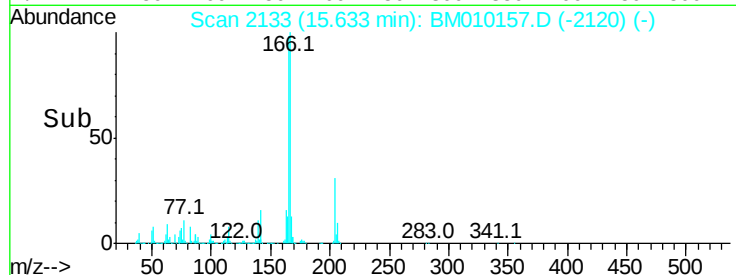
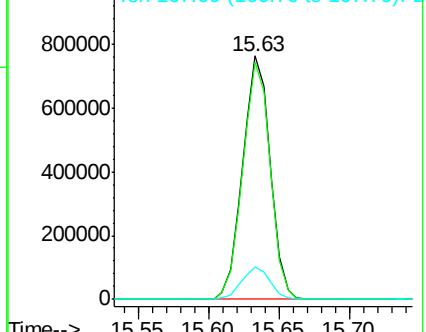


Abundance

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: 53.16 ng

RT: 15.21 min Scan# 2061

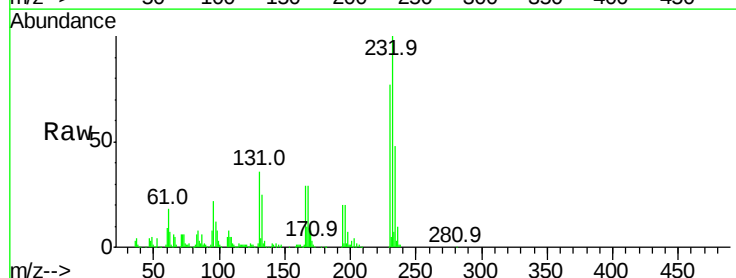
Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion:232 Resp: 311134

Ion	Ratio	Lower	Upper
232	100		
131	36.2	0.0	0.0#
130	2.3	0.0	0.0#
166	28.6	0.0	0.0#



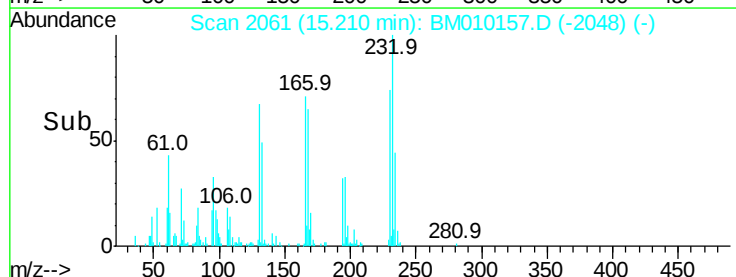
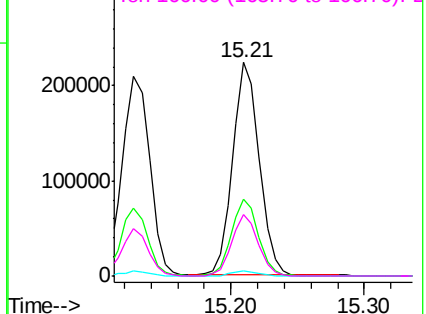
Abundance

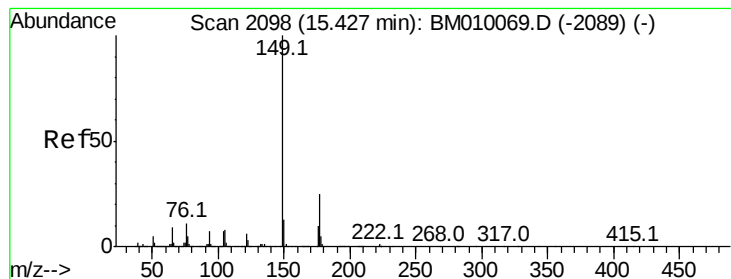
Ion 232.00 (231.70 to 232.70): E

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: 42.03 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

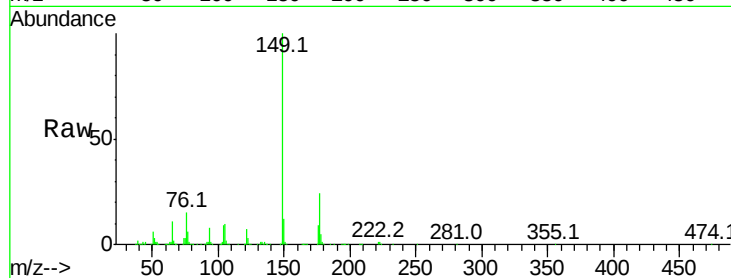
Tot Ion:149 Resp: 973288

Ion Ratio Lower Upper

149 100

177 24.2 18.3 27.5

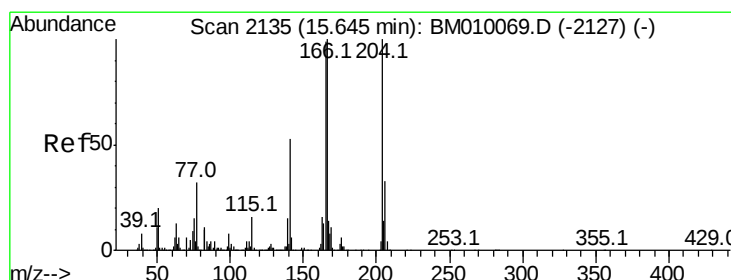
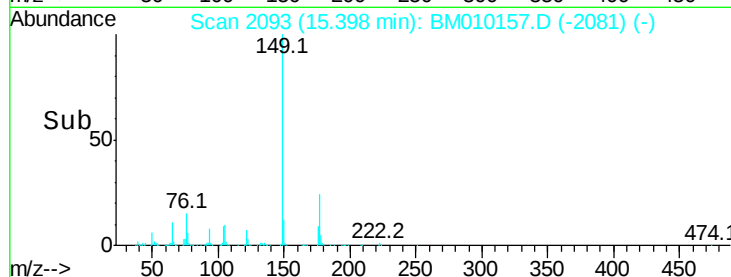
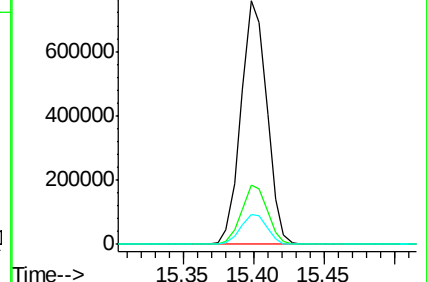
150 12.4 9.8 14.8



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: 44.45 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

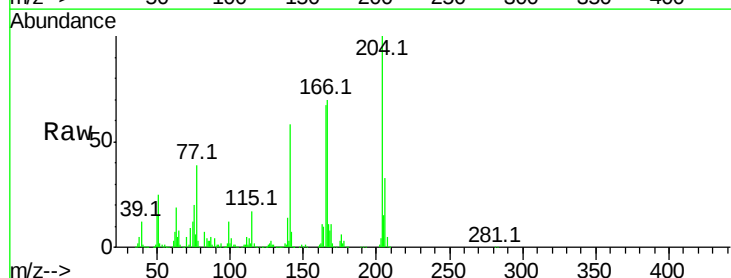
Tgt Ion:204 Resp: 573535

Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

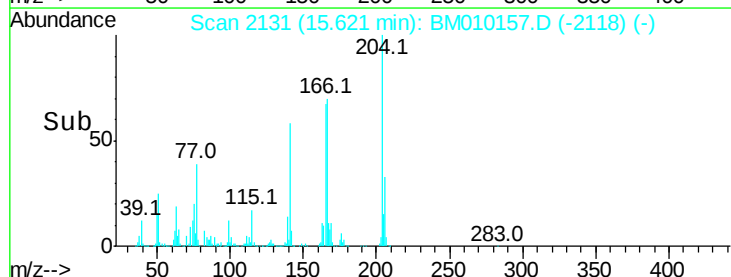
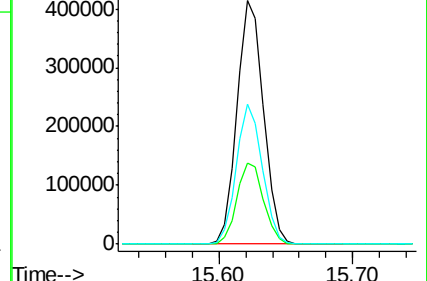
141 57.6 45.2 67.8



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

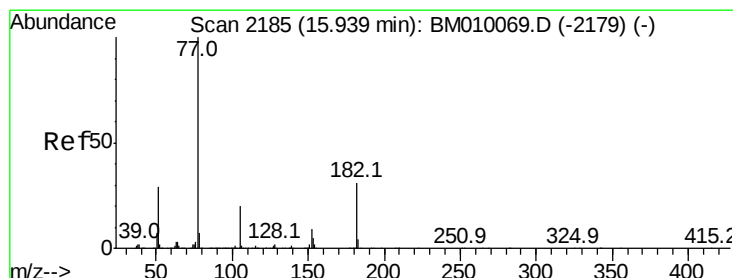
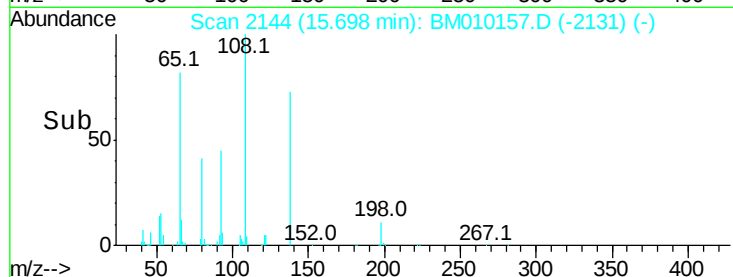
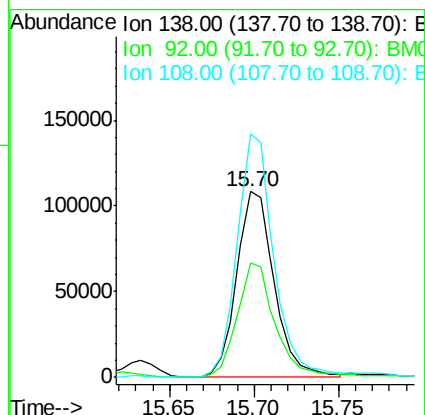
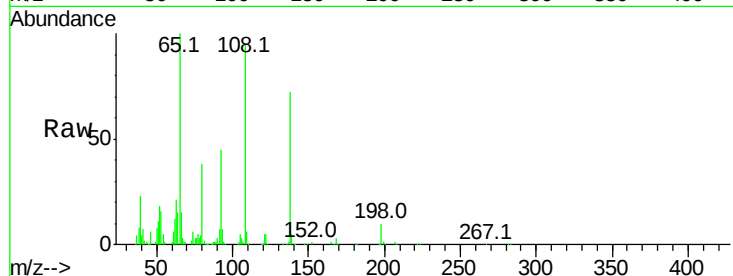




#61
4-Nitroaniline
Concen: 38.23 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

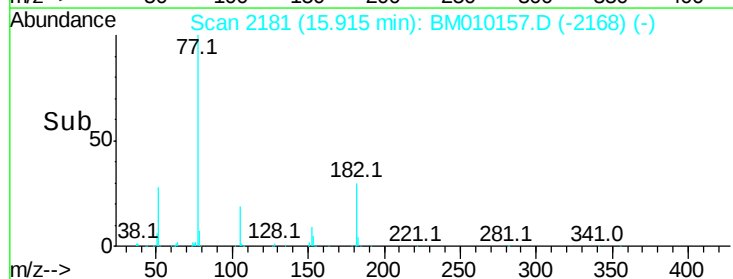
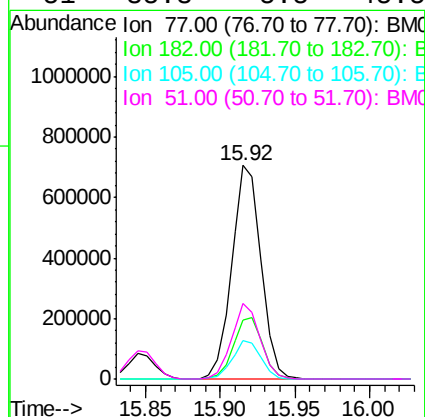
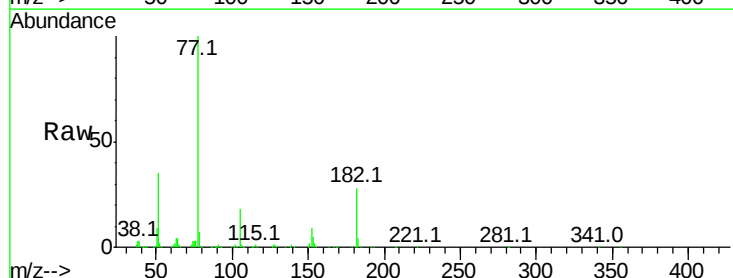
Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 167765
Ion Ratio Lower Upper
138 100
92 61.7 16.7 56.7#
108 131.3 37.6 77.6#



#62
Azobenzene
Concen: 56.65 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion: 77 Resp: 964671
Ion Ratio Lower Upper
77 100
182 27.8 6.5 46.5
105 18.1 3.8 43.8
51 35.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

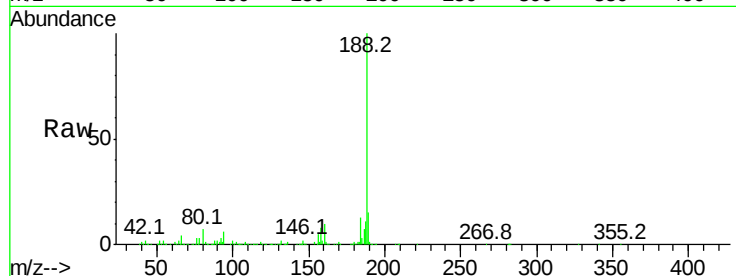
Tot Ion:188 Resp: 645022

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

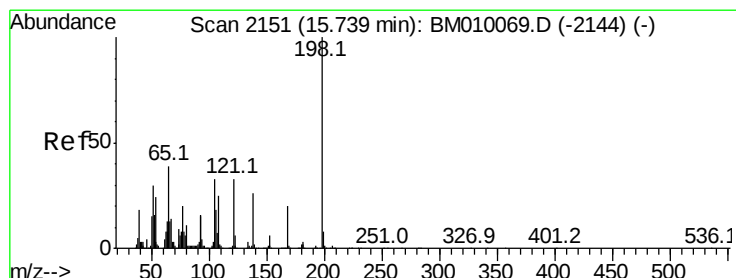
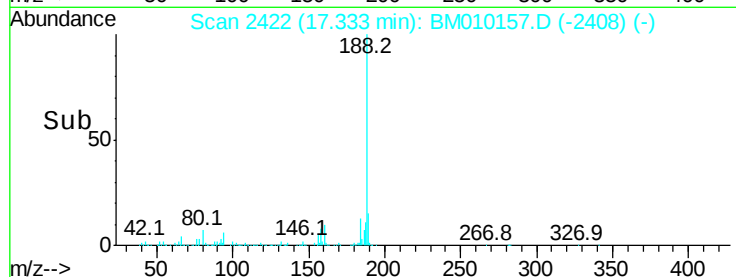
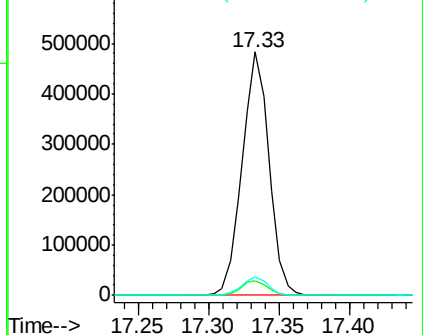
80 7.3 9.3 13.9#



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: 45.74 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

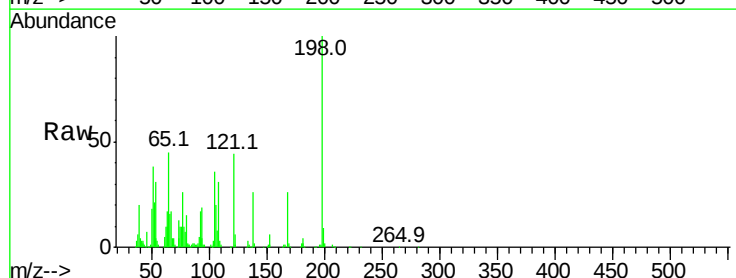
Tgt Ion:198 Resp: 180230

Ion Ratio Lower Upper

198 100

51 38.0 28.8 68.8

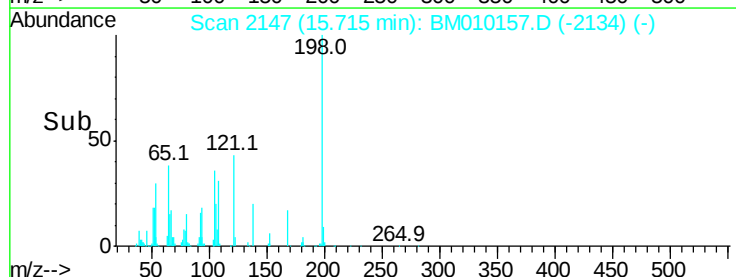
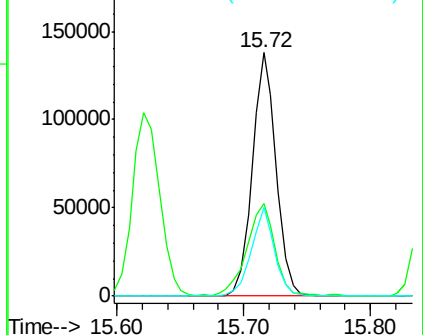
105 36.4 30.5 70.5

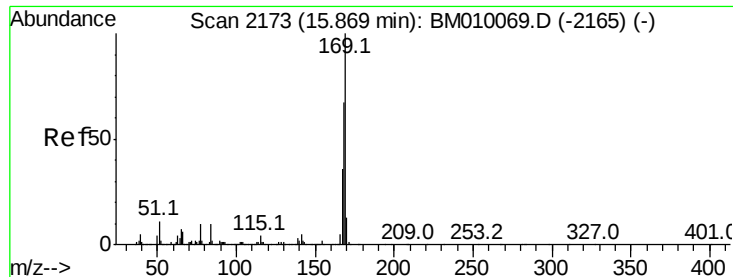


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.87 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

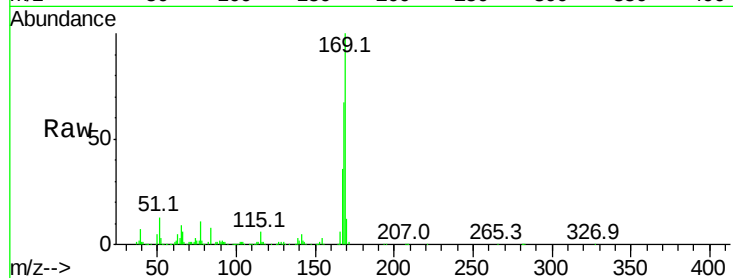
Tot Ion:169 Resp: 886661

Ion Ratio Lower Upper

169 100

168 67.4 53.9 80.9

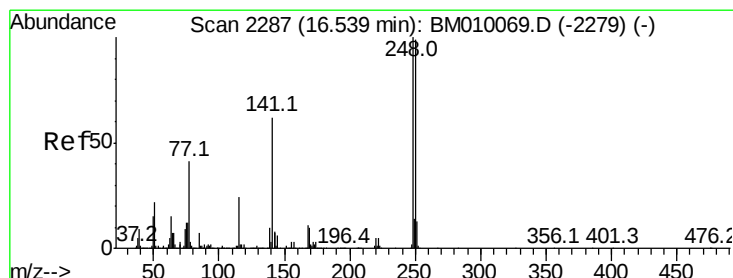
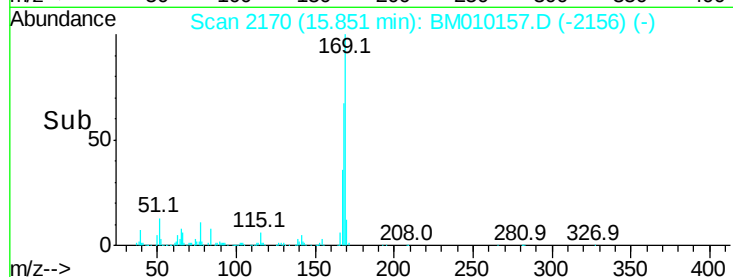
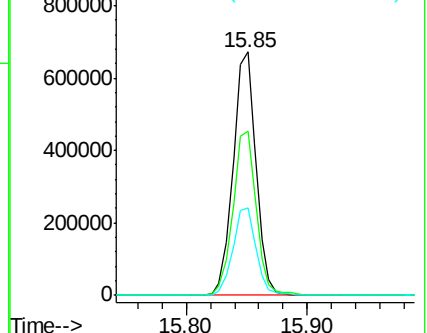
167 36.1 28.9 43.3



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: 46.36 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

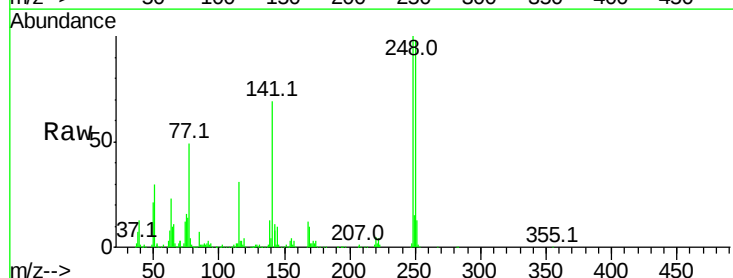
Tgt Ion:248 Resp: 382816

Ion Ratio Lower Upper

248 100

250 97.9 77.4 116.0

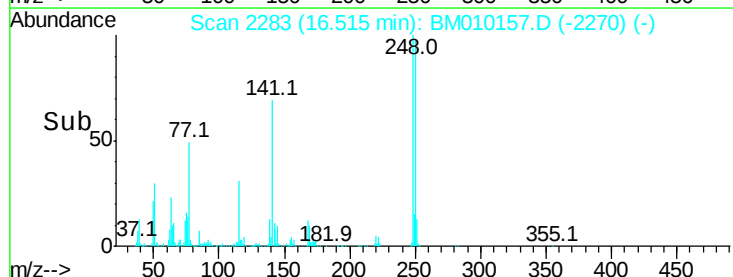
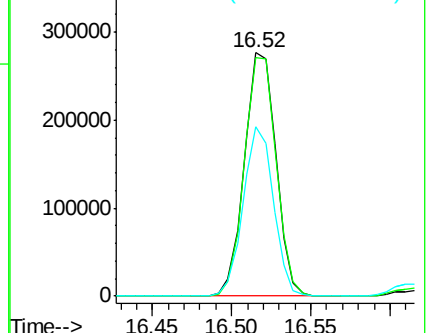
141 69.3 45.2 67.8#

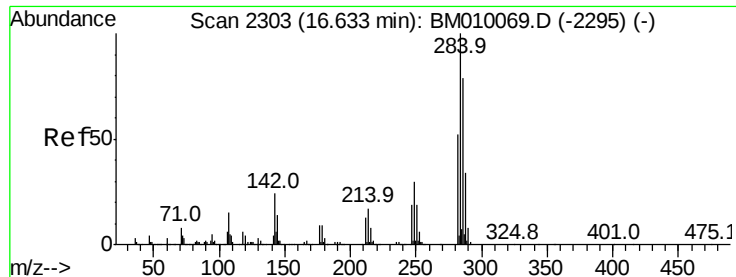


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.31 ng

RT: 16.62 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

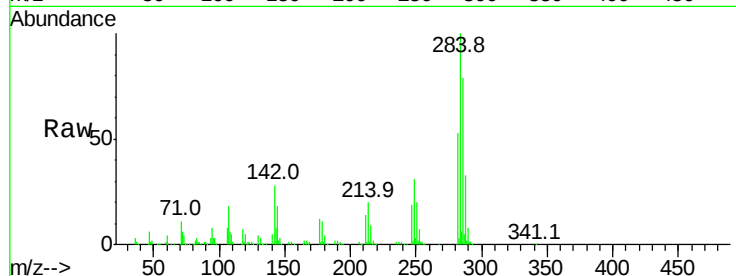
Tot Ion:284 Resp: 424505

Ion Ratio Lower Upper

284 100

142 27.9 20.4 30.6

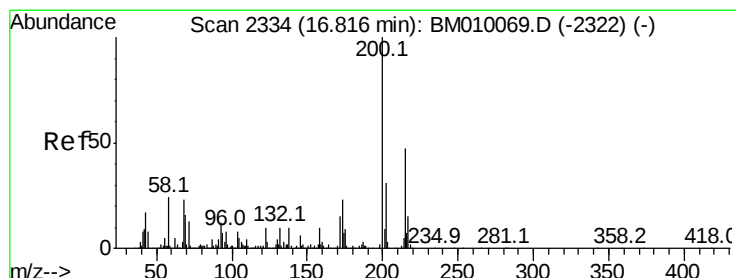
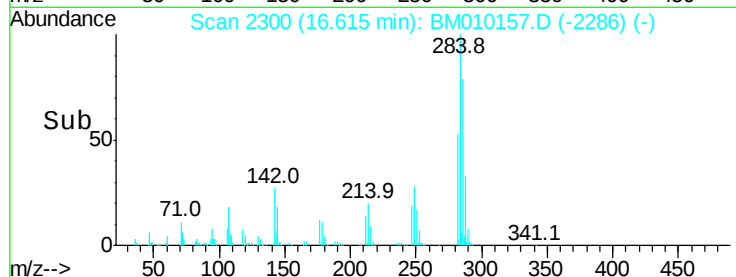
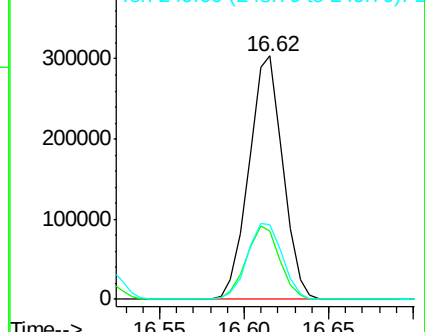
249 30.8 23.8 35.6



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: 47.58 ng

RT: 16.79 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

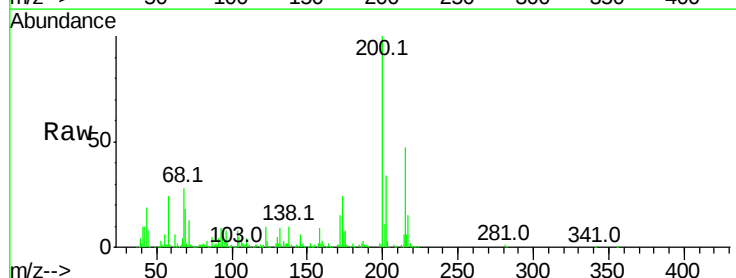
Tgt Ion:200 Resp: 348743

Ion Ratio Lower Upper

200 100

173 23.9 4.8 44.8

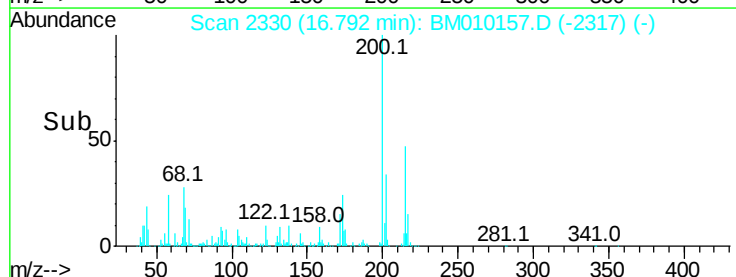
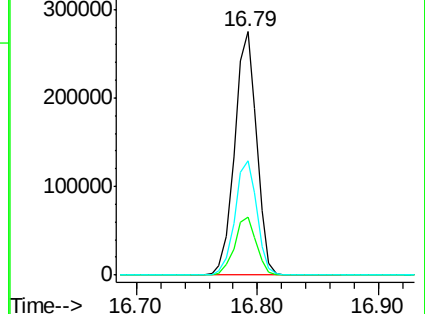
215 47.2 26.9 66.9

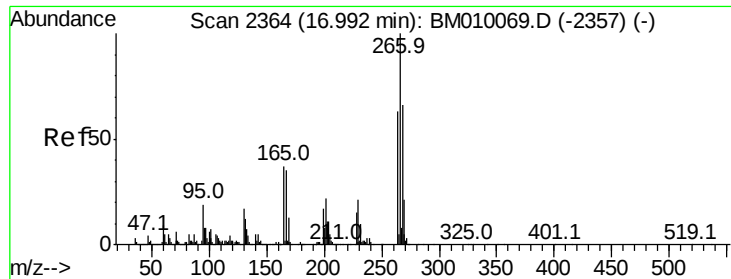


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

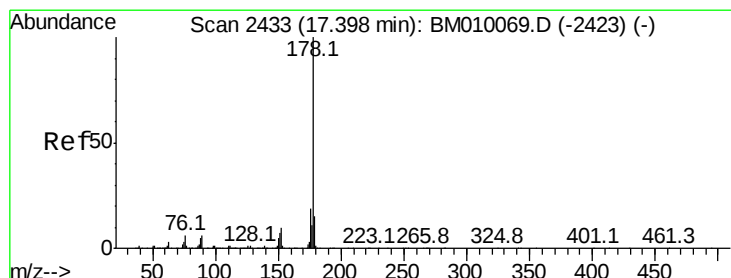
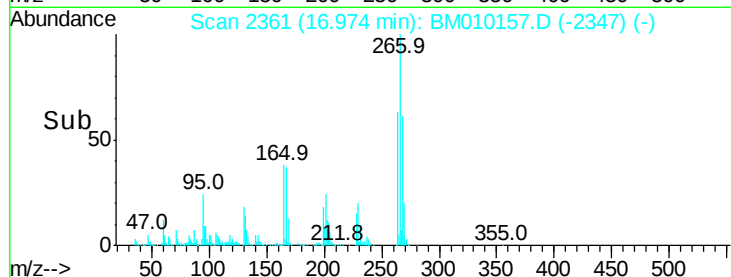
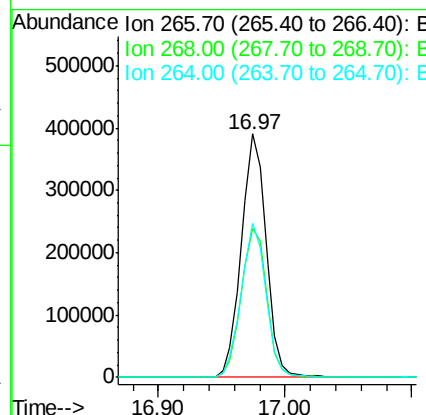
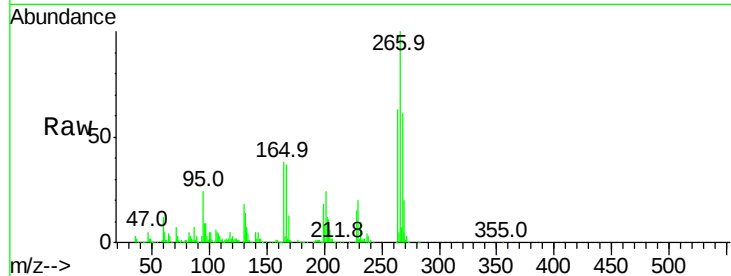




#69
 Pentachlorophenol
 Concen: 96.17 ng
 RT: 16.97 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

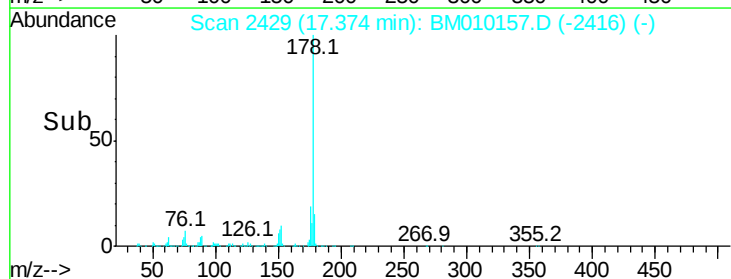
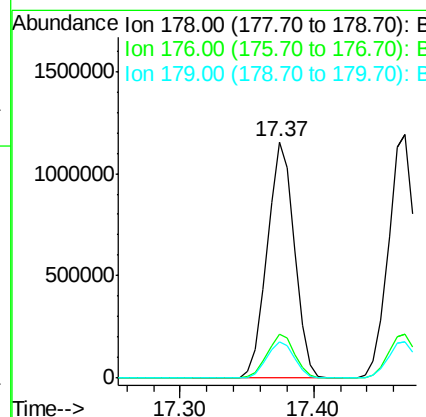
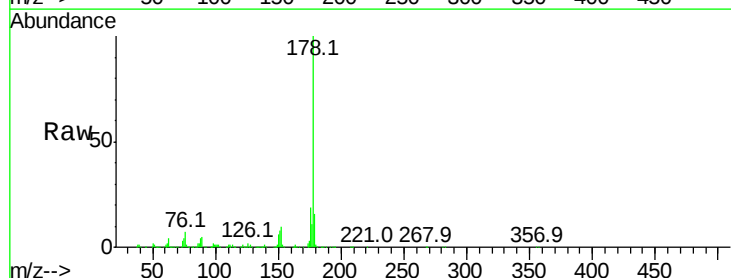
Instrument :
 BNA_M
 ClientSampleId :

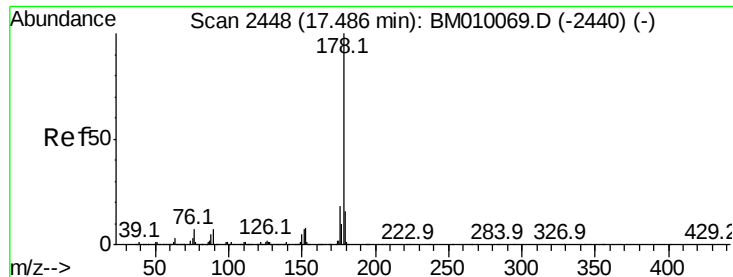
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.0	78.0
264	63.1	49.0	73.4



#70
 Phenanthrene
 Concen: 45.04 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.5	12.1	18.1





#71

Anthracene

Concen: 46.59 ng

RT: 17.47 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

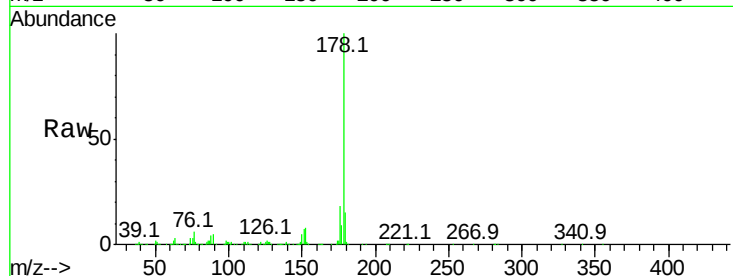
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1668477

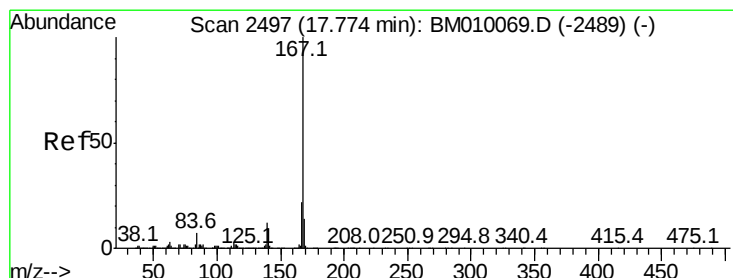
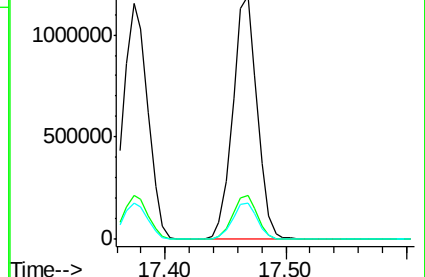
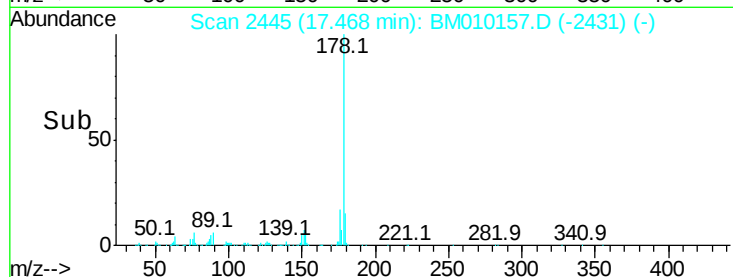
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.1	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.22 ng

RT: 17.75 min Scan# 2493

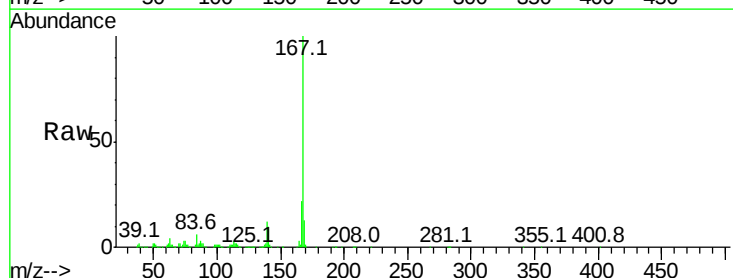
Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion:167 Resp: 1433812

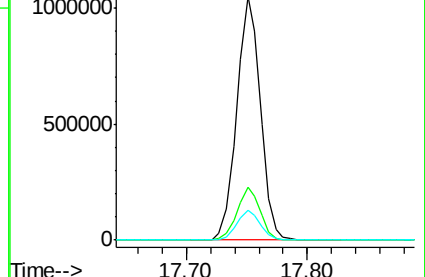
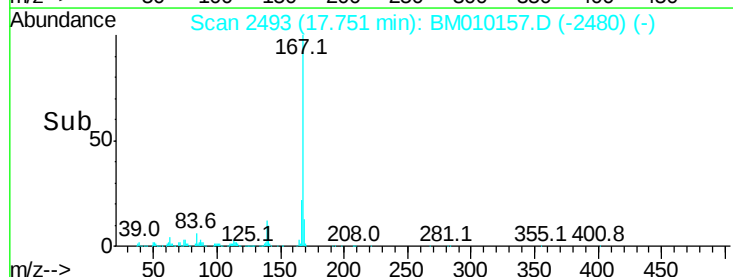
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.3	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.22 ng

RT: 18.27 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

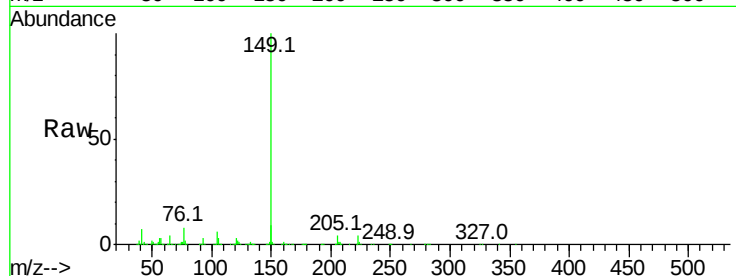
Tot Ion:149 Resp: 1549779

Ion Ratio Lower Upper

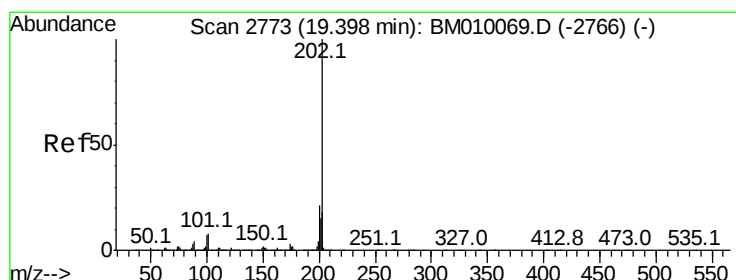
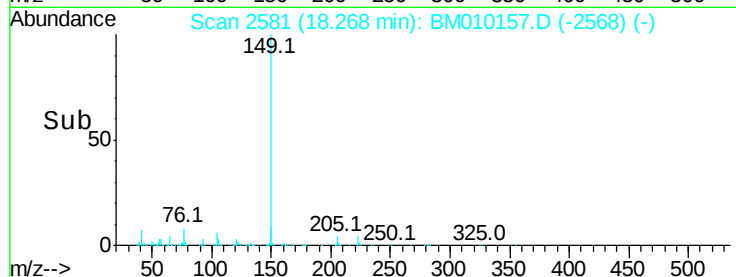
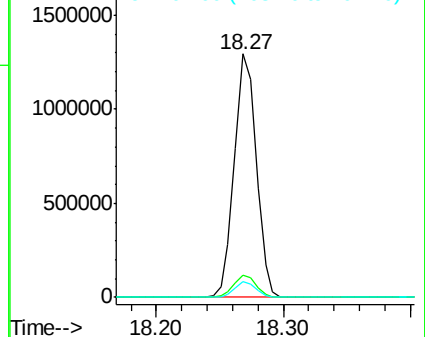
149 100

150 9.2 7.5 11.3

104 6.4 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: 43.42 ng

RT: 19.38 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

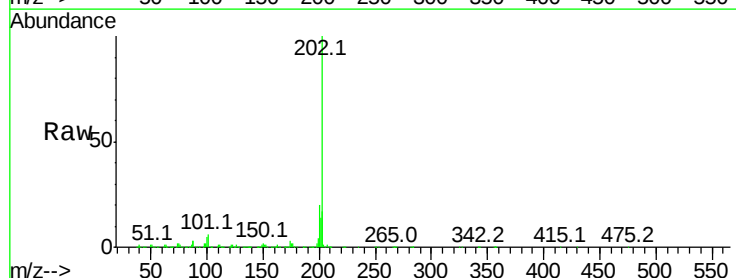
Tgt Ion:202 Resp: 2034602

Ion Ratio Lower Upper

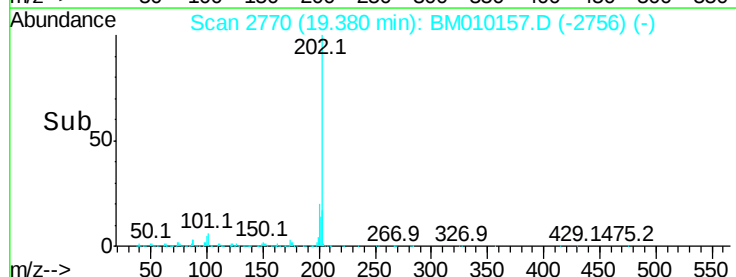
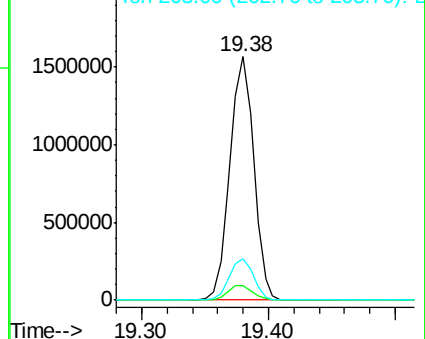
202 100

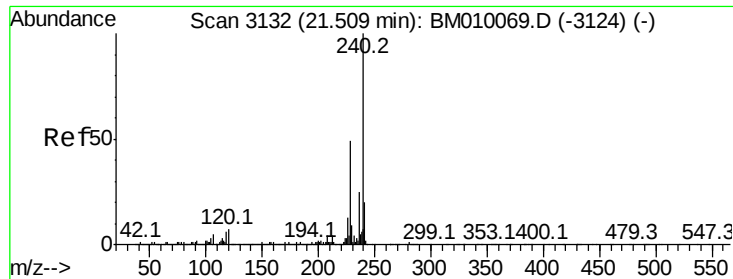
101 6.1 0.0 28.7

203 17.2 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: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampled :

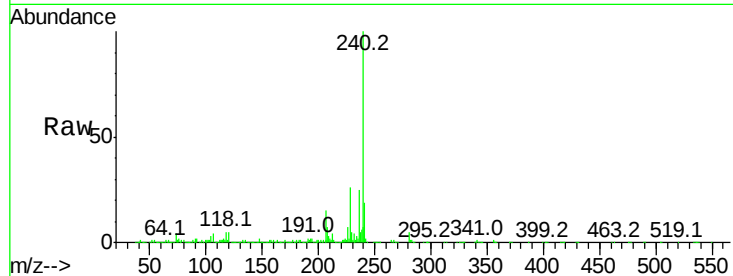
Tot Ion:240 Resp: 955988

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

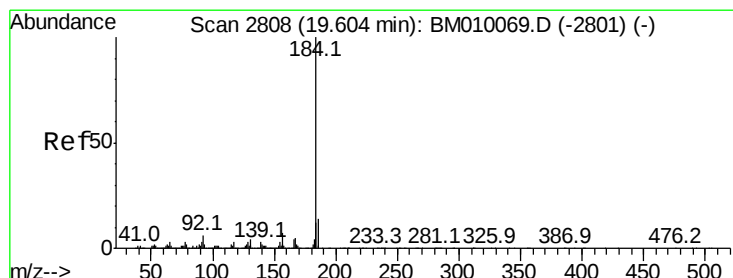
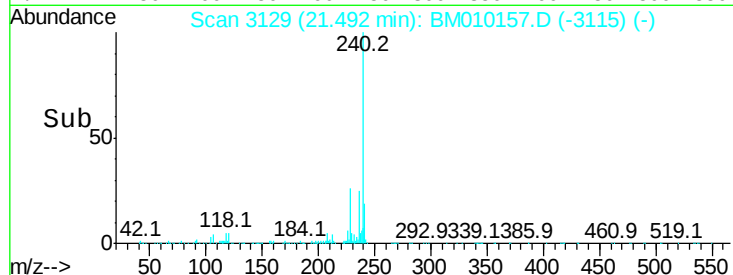
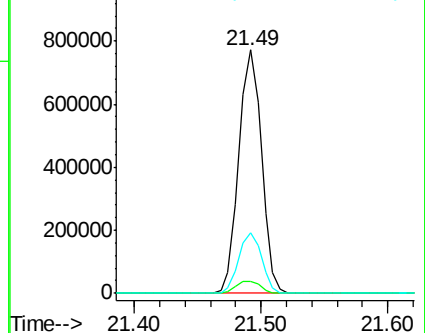
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.82 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

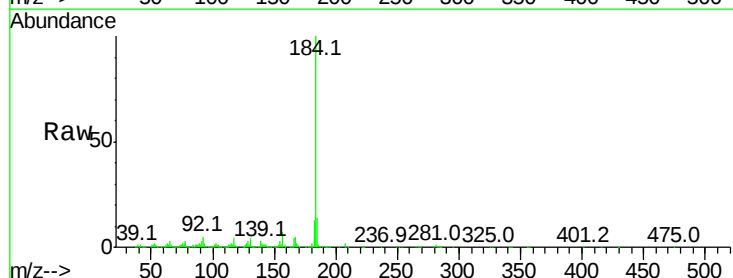
Tgt Ion:184 Resp: 1072525

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

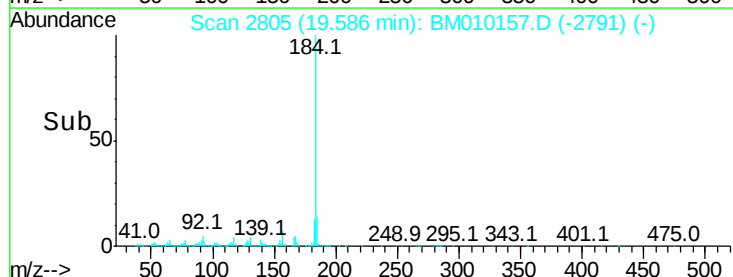
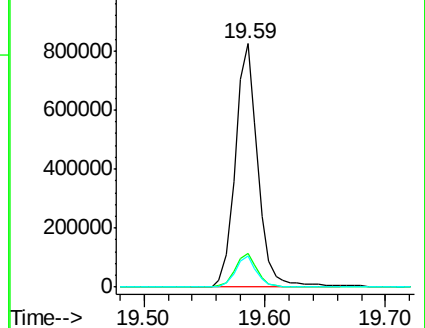
183 12.9 8.9 13.3

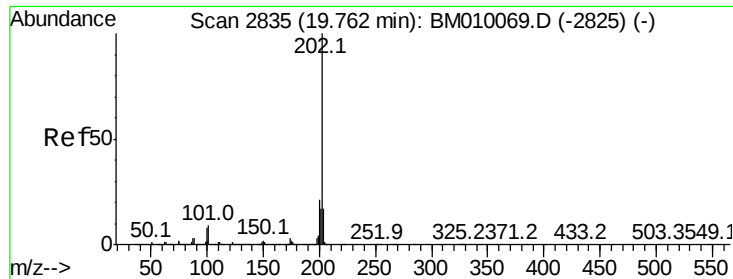


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.28 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

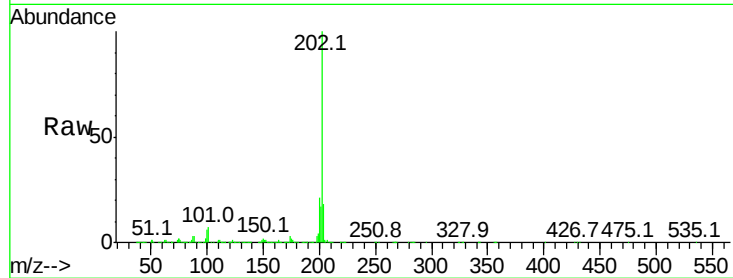
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2115910

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	14.1	21.1

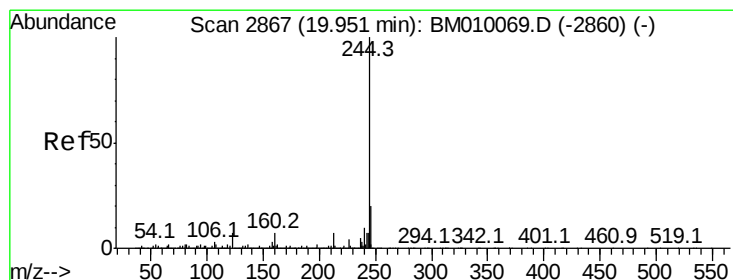
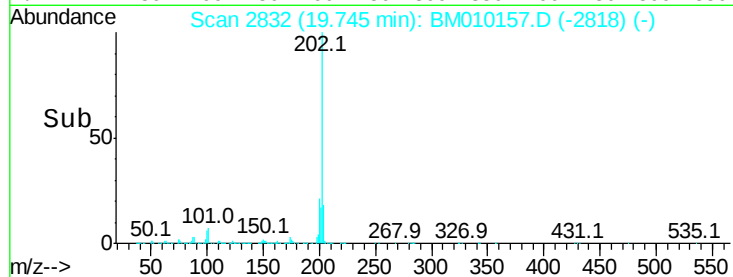
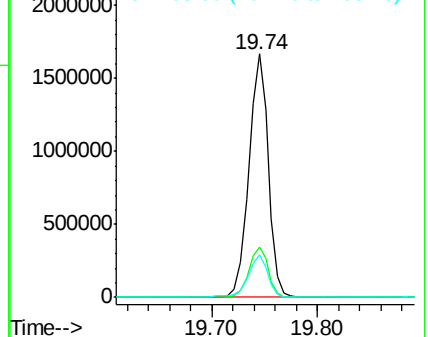


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.53 ng

RT: 19.93 min Scan# 2864

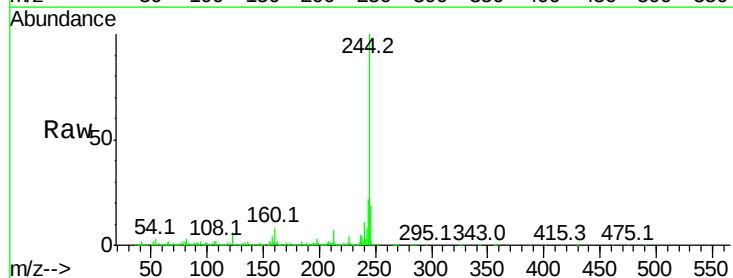
Delta R.T. -0.02 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Tgt Ion:244 Resp: 3469987

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.4	6.2	9.4

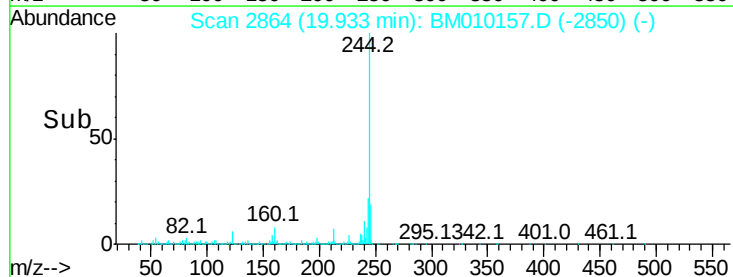
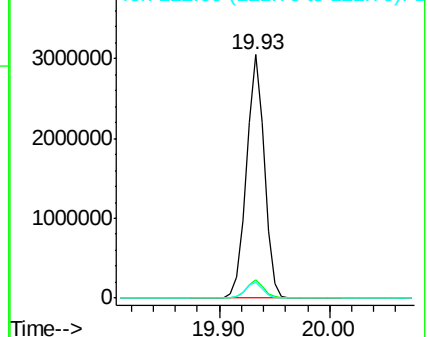


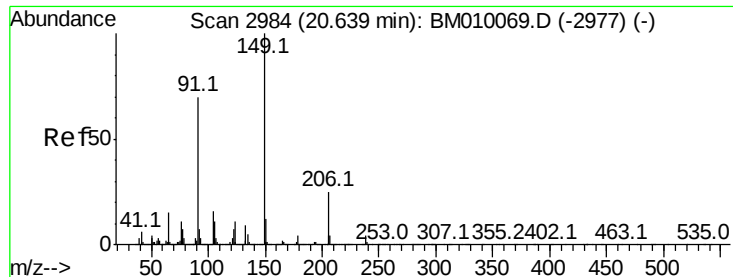
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

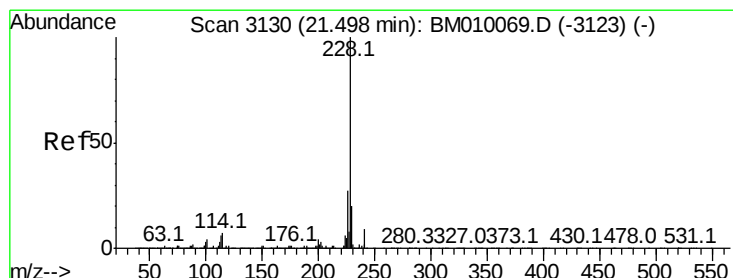
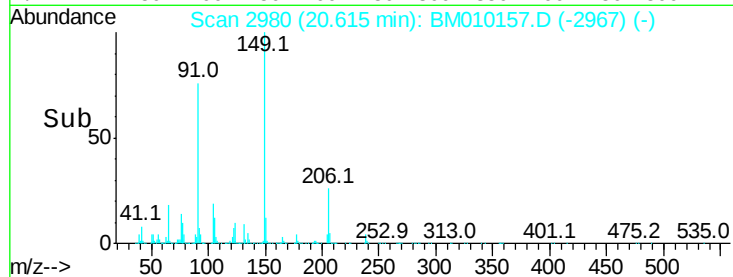
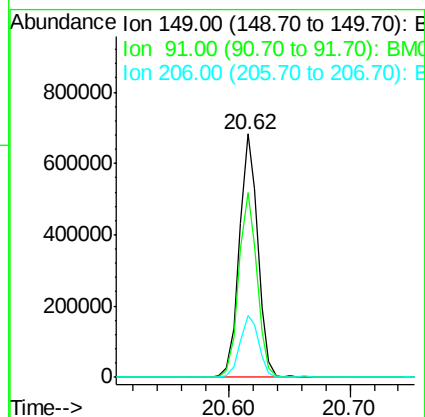
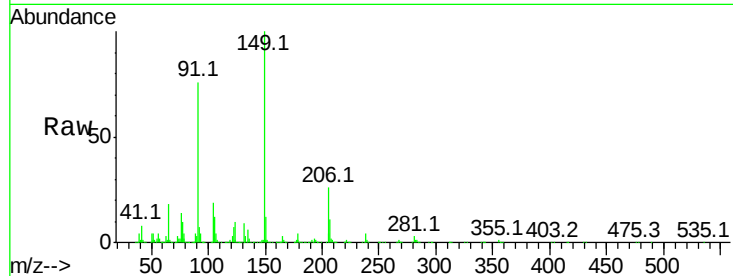




#79
Butylbenzylphthalate
Concen: 38.29 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

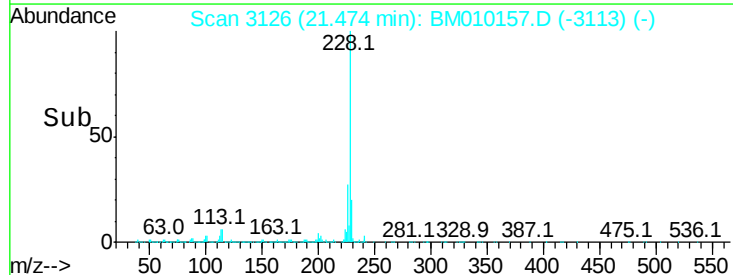
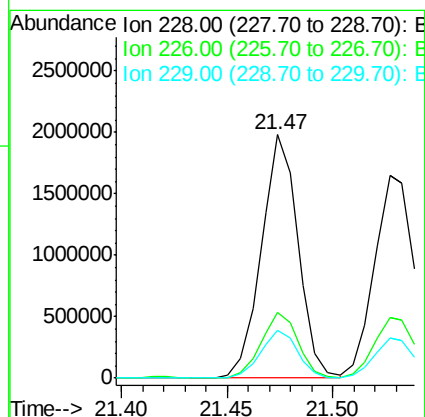
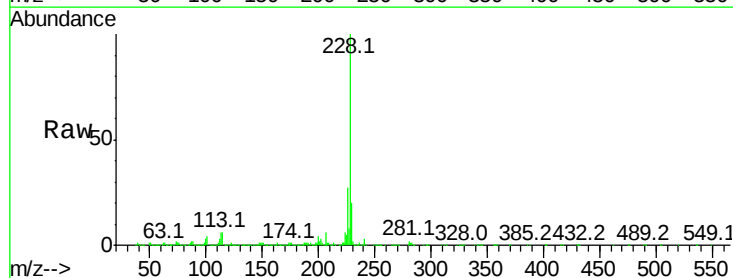
Instrument :
BNA_M
ClientSampled :

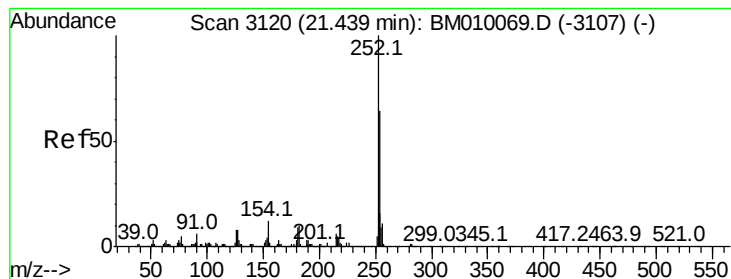
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.1	50.1	75.1#
206	25.7	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 45.43 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.7	16.0	24.0

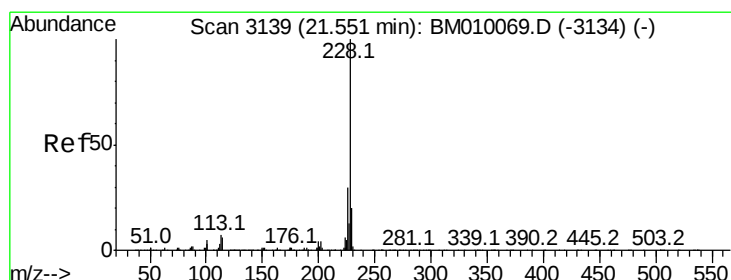
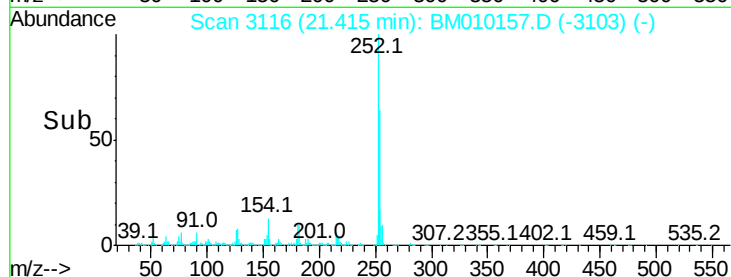
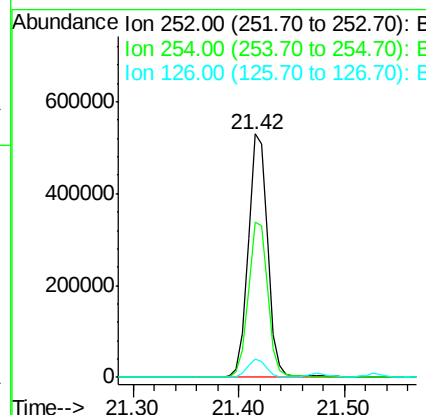
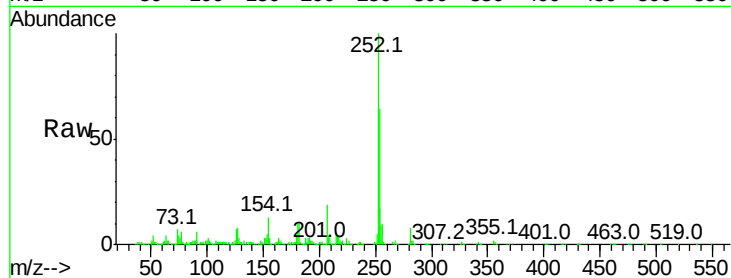




#81
 3,3'-Dichlorobenzidine
 Concen: 31.56 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

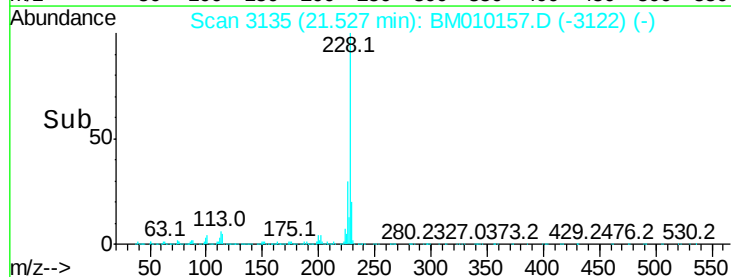
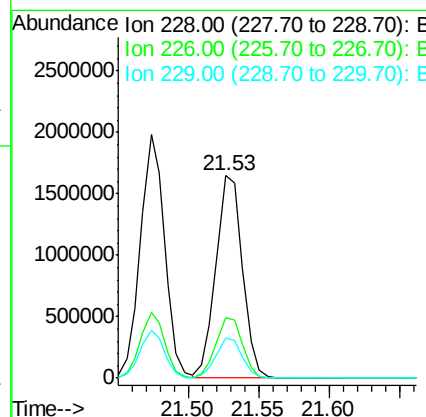
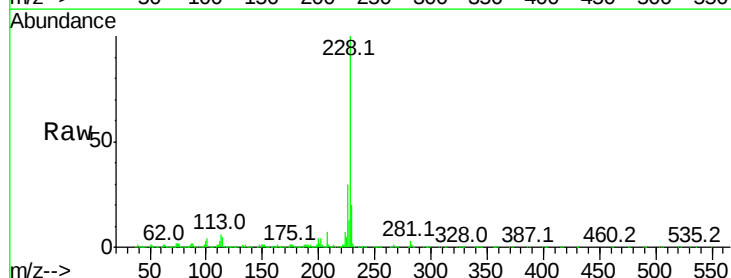
Instrument :
 BNA_M
 ClientSampleId :

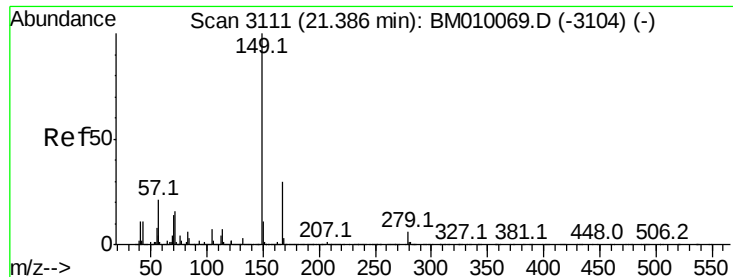
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	7.5	9.8	14.8



#82
 Chrysene
 Concen: 43.15 ng
 RT: 21.53 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.5	23.3

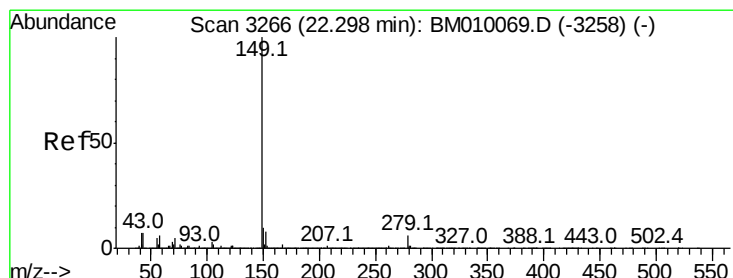
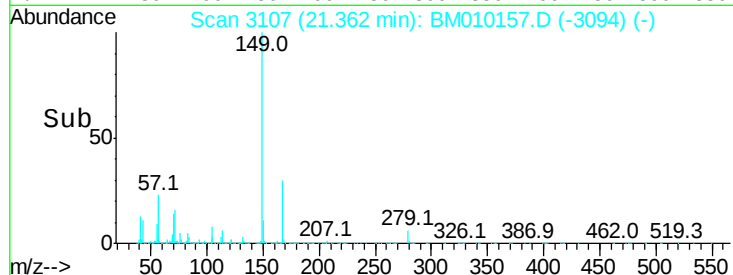
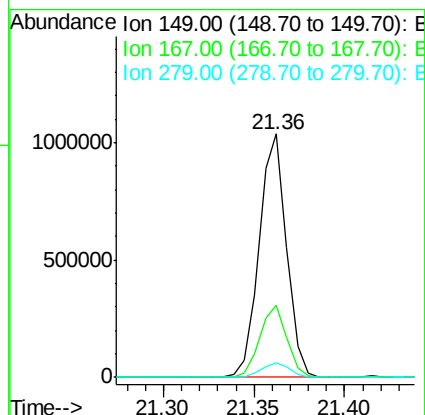
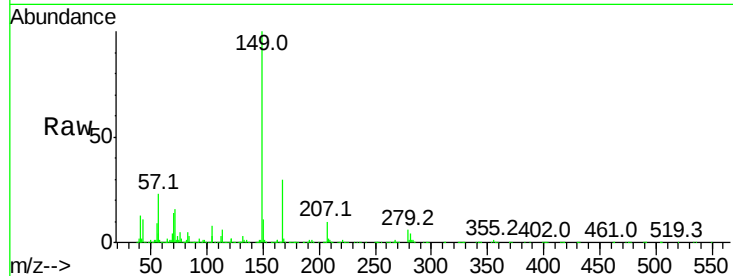




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.03 ng
 RT: 21.36 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

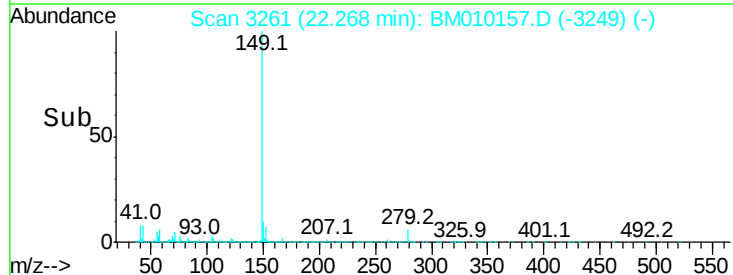
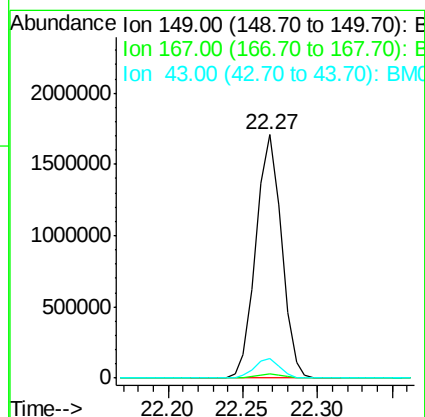
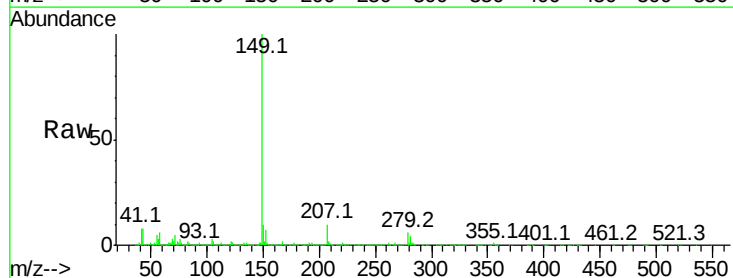
Instrument :
 BNA_M
 ClientSampleId :

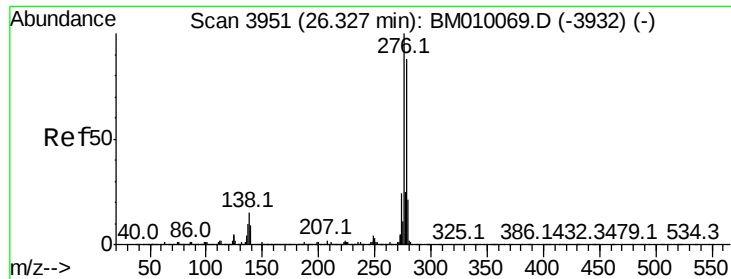
Tot Ion:149 Resp: 1078913
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.4 33.6
 279 6.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 39.48 ng
 RT: 22.27 min Scan# 3261
 Delta R.T. -0.03 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Tgt Ion:149 Resp: 2005524
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.0 7.3 10.9

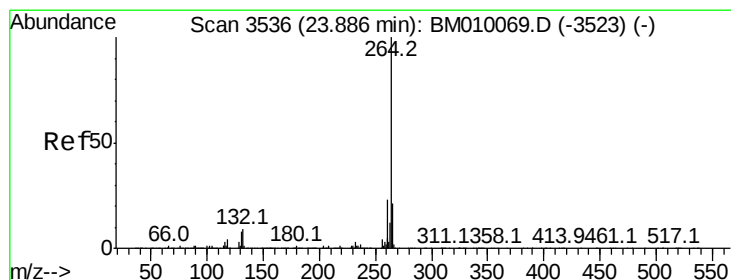
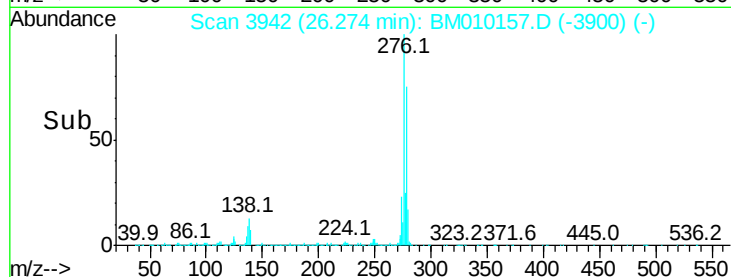
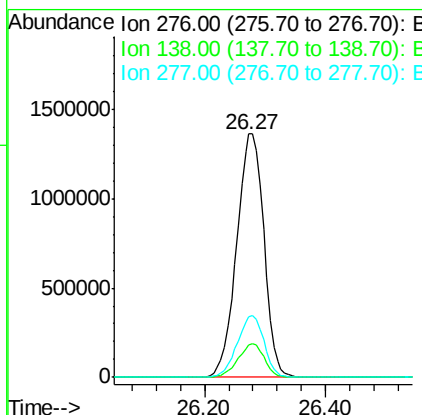
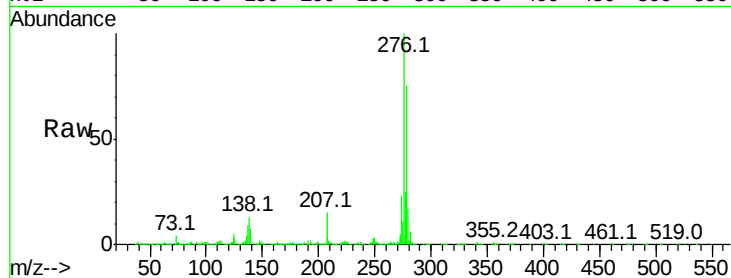




#85
Indeno(1,2,3-cd)pyrene
Concen: 58.13 ng
RT: 26.27 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

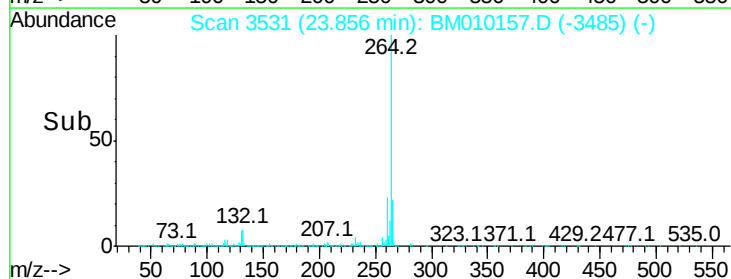
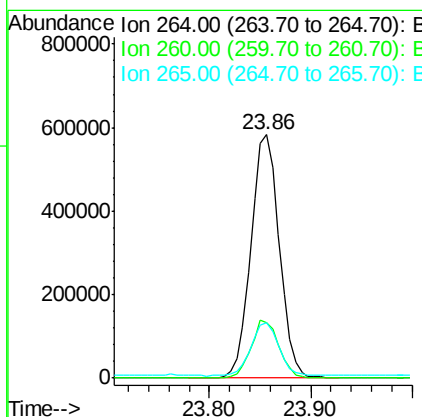
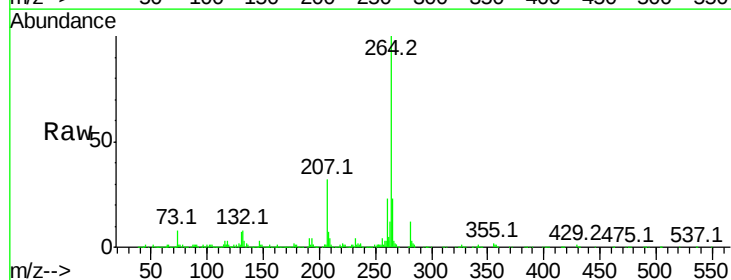
Instrument :
BNA_M
ClientSampleId :

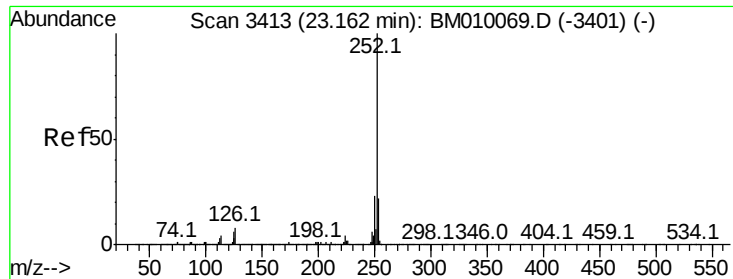
Tot Ion:276 Resp: 4259643
Ion Ratio Lower Upper
276 100
138 13.4 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010157.D
Acq: 24 May 2017 00:47

Tgt Ion:264 Resp: 1141091
Ion Ratio Lower Upper
264 100
260 22.6 18.6 27.8
265 23.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 45.37 ng

RT: 23.13 min Scan# 3408

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

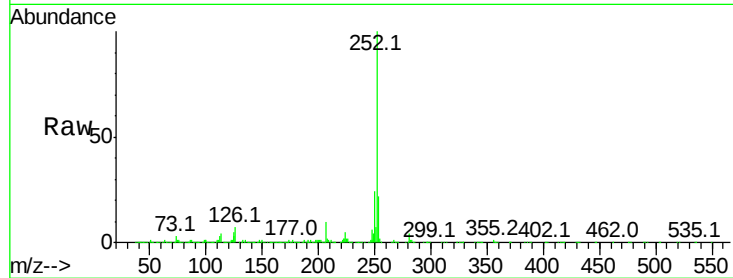
Tot Ion:252 Resp: 3030158

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

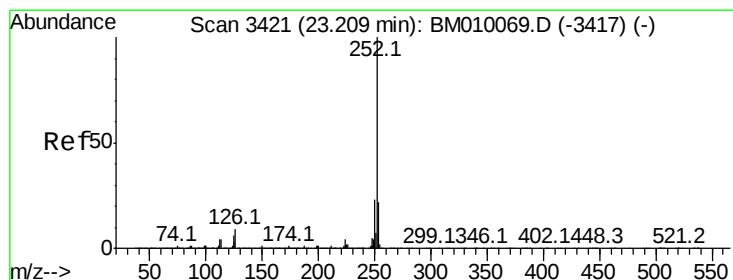
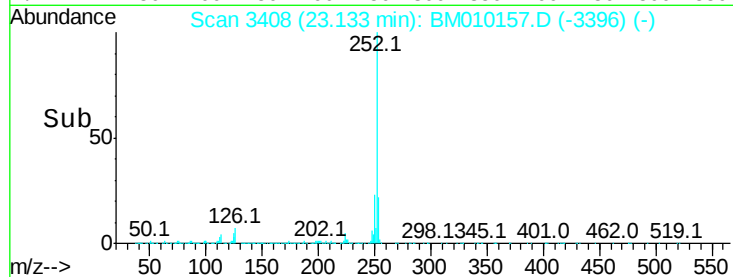
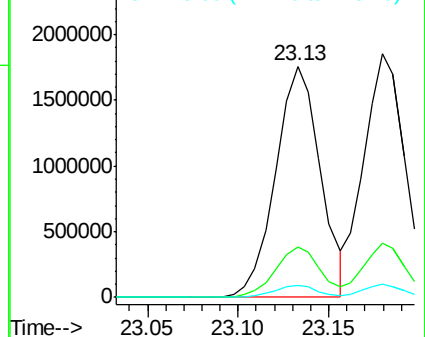
125 5.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.59 ng

RT: 23.18 min Scan# 3416

Delta R.T. -0.03 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

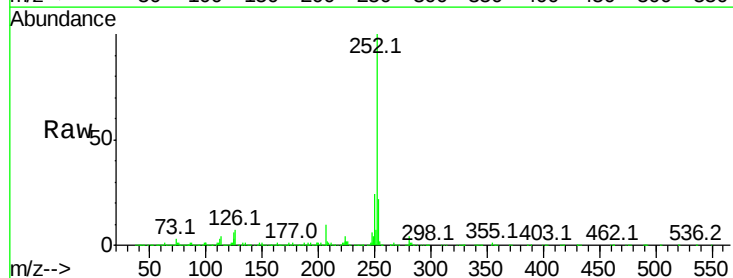
Tgt Ion:252 Resp: 2917395

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

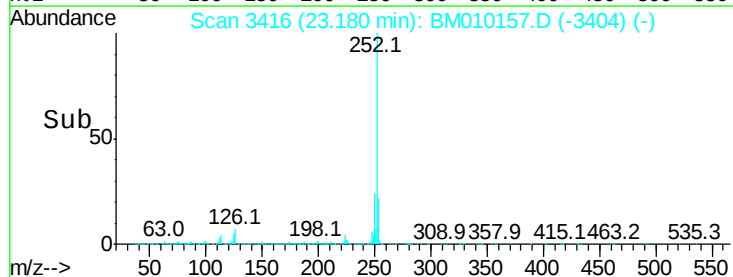
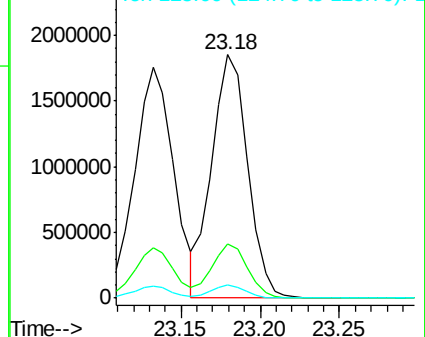
125 5.6 8.1 12.1#

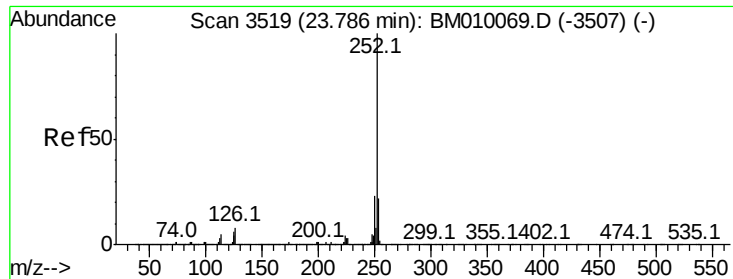


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.15 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.04 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

Instrument :

BNA_M

ClientSampleId :

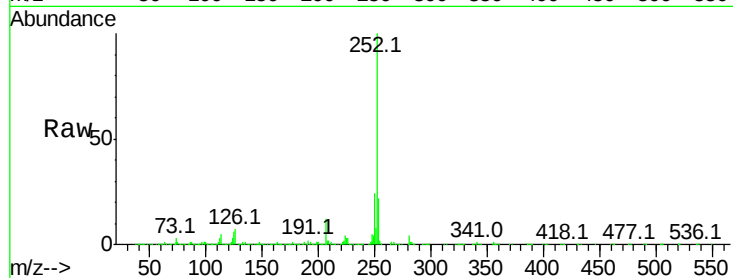
Tot Ion:252 Resp: 3000603

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	5.8	7.4	11.2

252 100

253 21.7 17.6 26.4

125 5.8 7.4 11.2

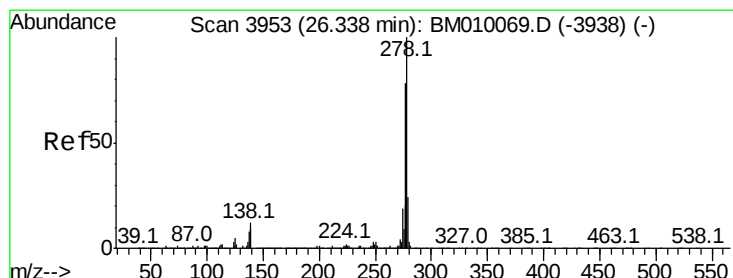
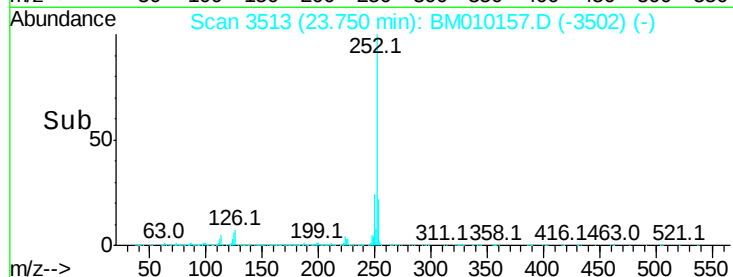
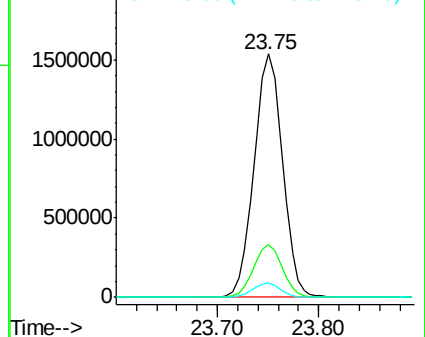


Abundance

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: 50.18 ng

RT: 26.29 min Scan# 3944

Delta R.T. -0.05 min

Lab File: BM010157.D

Acq: 24 May 2017 00:47

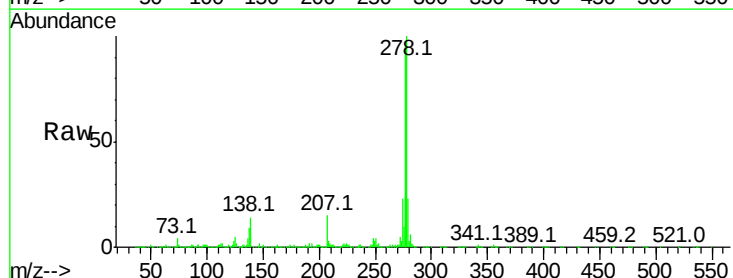
Tgt Ion:278 Resp: 3571003

Ion	Ratio	Lower	Upper
278	100		
139	9.0	13.4	20.0
279	23.2	19.0	28.4

278 100

139 9.0 13.4 20.0

279 23.2 19.0 28.4

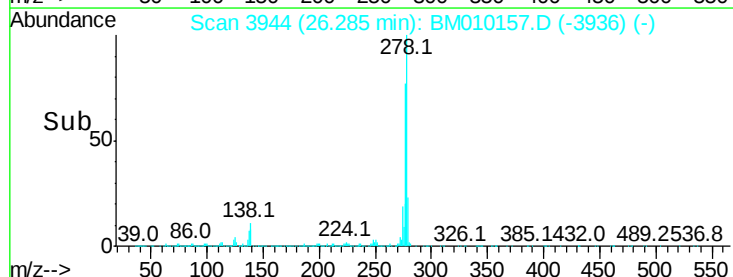
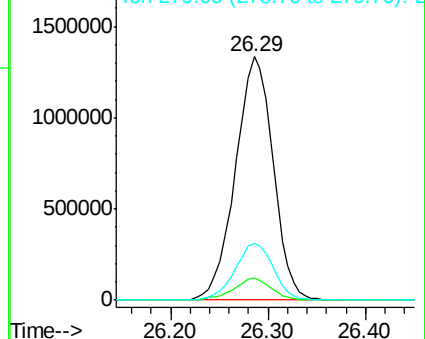


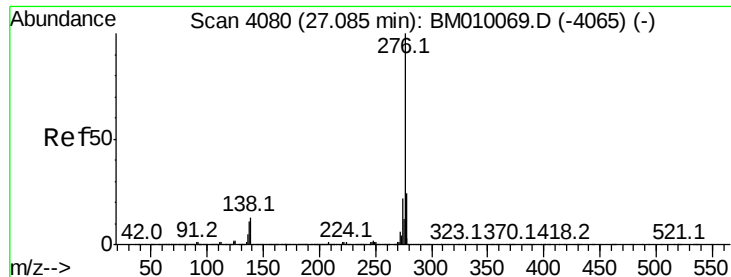
Abundance

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: 49.70 ng
 RT: 27.03 min Scan# 4071
 Delta R.T. -0.05 min
 Lab File: BM010157.D
 Acq: 24 May 2017 00:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 3465233
 Ion Ratio Lower Upper
 276 100
 277 22.8 18.5 27.7
 138 10.9 19.0 28.6#

