

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010040.D
 Acq On : 15 May 2017 14:40
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	41868	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	197994	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	129196	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	339861	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	484477	20.00	ng	-0.03
86) Perylene-d12	23.65	264	407669	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	219720	82.13	ng	-0.02
7) Phenol-d6	6.94	99	354476	82.69	ng	-0.03
23) Nitrobenzene-d5	8.93	82	483947	89.33	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	143583	81.20	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	766863	79.38	ng	-0.03
78) Terphenyl-d14	19.79	244	1861013	80.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	50064	50.51	ng	# 100
3) Pyridine	3.68	79	173121	47.39	ng	# 82
4) n-Nitrosodimethylamine	3.60	42	127080	63.51	ng	# 43
6) Aniline	7.10	93	232147	41.71	ng	# 86
8) 2-Chlorophenol	7.33	128	122541	42.19	ng	# 75
9) Benzaldehyde	6.92	77	140534	43.80	ng	# 73
10) Phenol	6.96	94	196511	42.18	ng	# 96
11) bis(2-Chloroethyl)ether	7.19	93	147988	40.86	ng	# 79
12) 1,3-Dichlorobenzene	7.64	146	135866	41.90	ng	# 80
13) 1,4-Dichlorobenzene	7.79	146	131977	39.72	ng	# 90
14) 1,2-Dichlorobenzene	8.10	146	131466	40.81	ng	# 90
15) Benzyl Alcohol	8.01	79	165045	45.17	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.28	45	248584	43.24	ng	# 96
17) 2-Methylphenol	8.21	107	128549	42.27	ng	# 80
18) Hexachloroethane	8.82	117	66108	47.99	ng	# 99
19) n-Nitroso-di-n-propylamine	8.57	70	174305	44.81	ng	# 79
20) 3+4-Methylphenols	8.54	107	179083	43.26	ng	# 85
22) Acetophenone	8.59	105	248753	41.10	ng	# 80
24) Nitrobenzene	8.97	77	257540	44.67	ng	# 86
25) Isophorone	9.49	82	393831	42.24	ng	# 87
26) 2-Nitrophenol	9.68	139	73862	42.55	ng	# 26
27) 2,4-Dimethylphenol	9.73	122	133009	40.93	ng	# 70
28) bis(2-Chloroethoxy)methane	9.97	93	230810	41.09	ng	# 99
29) 2,4-Dichlorophenol	10.21	162	125737	39.77	ng	# 93
30) 1,2,4-Trichlorobenzene	10.42	180	142493	38.60	ng	# 98
31) Naphthalene	10.60	128	436228	40.02	ng	# 98
32) Benzoic acid	9.92	122	87898	40.44	ng	# 63
33) 4-Chloroaniline	10.73	127	191317	41.29	ng	# 75
34) Hexachlorobutadiene	10.86	225	100363	39.95	ng	# 99
35) Caprolactam	11.55	113	44519	36.04	ng	# 59
36) 4-Chloro-3-methylphenol	11.86	107	183336	43.39	ng	# 75
37) 2-Methylnaphthalene	12.22	142	300978	38.57	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	175336	37.29	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	29398	39.86	ng	# 93

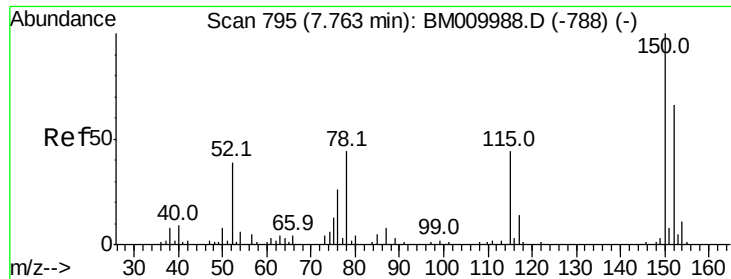
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010040.D
 Acq On : 15 May 2017 14:40
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	113217	39.11	nq	87
43) 2,4,5-Trichlorophenol	12.93	196	122065	38.82	nq	# 84
45) 1,1'-Biphenyl	13.24	154	437974	40.73	nq	95
46) 2-Chloronaphthalene	13.28	162	351731	41.63	nq	# 92
47) 2-Nitroaniline	13.52	65	192847	50.42	nq	# 59
48) Acenaphthylene	14.13	152	559022	42.02	nq	99
49) Dimethylphthalate	13.87	163	480297	42.18	nq	99
50) 2,6-Dinitrotoluene	14.01	165	97996	42.46	nq	# 17
51) Acenaphthene	14.47	154	342479	40.85	nq	96
52) 3-Nitroaniline	14.35	138	110173	44.95	nq	# 30
53) 2,4-Dinitrophenol	14.57	184	42329	36.38	nq	# 61
54) Dibenzofuran	14.81	168	522135	40.65	nq	# 89
55) 4-Nitrophenol	14.67	139	70666	43.06	nq	# 1
56) 2,4-Dinitrotoluene	14.81	165	143617	42.07	nq	# 35
57) Fluorene	15.46	166	473094	41.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	105686	38.90	nq	# 100
59) Diethylphthalate	15.23	149	551464	46.12	nq	95
60) 4-Chlorophenyl-phenylether	15.46	204	242348	39.19	nq	95
61) 4-Nitroaniline	15.52	138	117182	46.93	nq	# 1
62) Azobenzene	15.75	77	731872	50.45	nq	75
64) 4,6-Dinitro-2-methylphenol	15.57	198	80166	37.44	nq	# 72
65) n-Nitrosodiphenylamine	15.68	169	414424	39.29	nq	96
66) 4-Bromophenyl-phenylether	16.35	248	155639	38.56	nq	# 86
67) Hexachlorobenzene	16.47	284	168581	37.63	nq	# 81
68) Atrazine	16.63	200	163887	42.52	nq	97
69) Pentachlorophenol	16.82	266	77322	38.70	nq	94
70) Phenanthrene	17.21	178	777627	39.86	nq	99
71) Anthracene	17.30	178	823268	41.37	nq	97
72) Carbazole	17.58	167	745496	41.97	nq	100
73) Di-n-butylphthalate	18.12	149	1025825	45.42	nq	# 95
74) Fluoranthene	19.23	202	1040819	41.59	nq	98
76) Benzidine	19.43	184	453453	37.44	nq	99
77) Pyrene	19.60	202	1132941	39.29	nq	99
79) Butylbenzylphthalate	20.49	149	547657	45.62	nq	# 63
80) Benzo(a)anthracene	21.34	228	1207806	41.49	nq	98
81) 3,3'-Dichlorobenzidine	21.28	252	423482	39.49	nq	99
82) Chrysene	21.40	228	1127295	41.29	nq	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	821679	45.83	nq	94
84) Di-n-octyl phthalate	22.13	149	1459824	47.47	nq	# 79
85) Indeno(1,2,3-cd)pyrene	25.99	276	988131	42.94	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	1107670	40.12	nq	# 95
88) Benzo(k)fluoranthene	23.00	252	1079800	41.16	nq	98
89) Benzo(a)pyrene	23.55	252	983110	40.39	nq	99
90) Dibenzo(a,h)anthracene	25.99	278	852873	39.71	nq	# 96
91) Benzo(g,h,i)perylene	26.70	276	785199	39.67	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

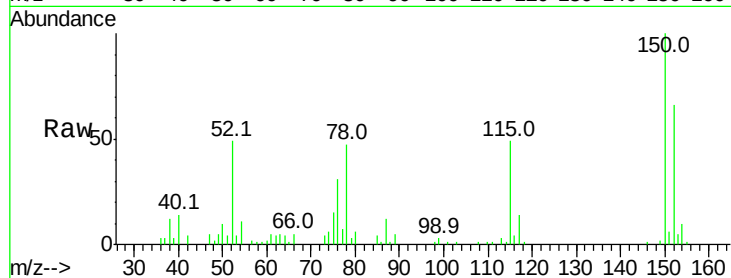
Tot Ion:152 Resp: 41868

Ion Ratio Lower Upper

152 100

150 152.3 119.5 179.3

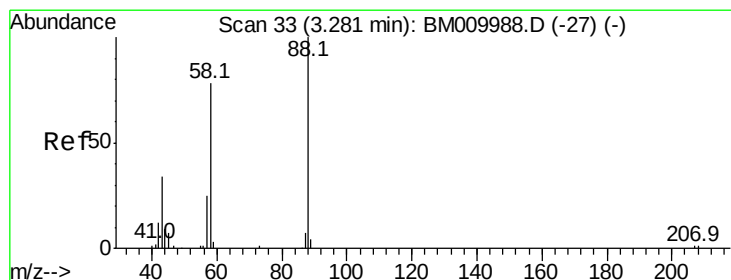
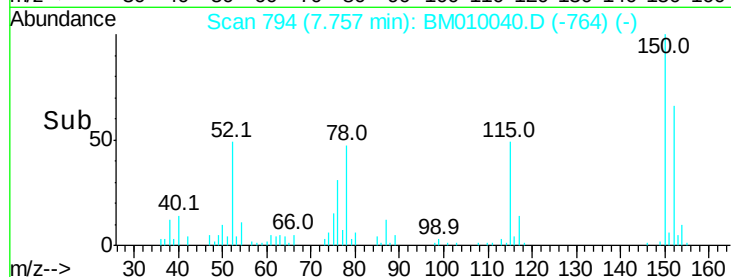
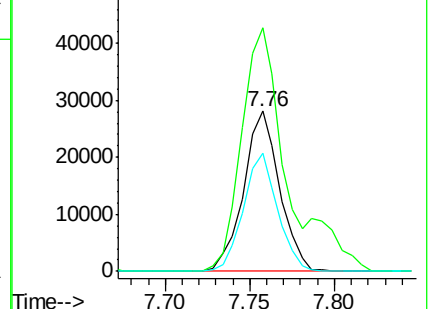
115 74.2 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.51 ng

RT: 3.28 min Scan# 32

Delta R.T. -0.01 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

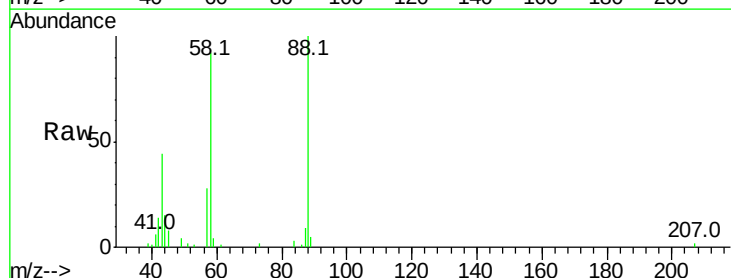
Tgt Ion: 88 Resp: 50064

Ion Ratio Lower Upper

88 100

58 86.1 0.0 0.0#

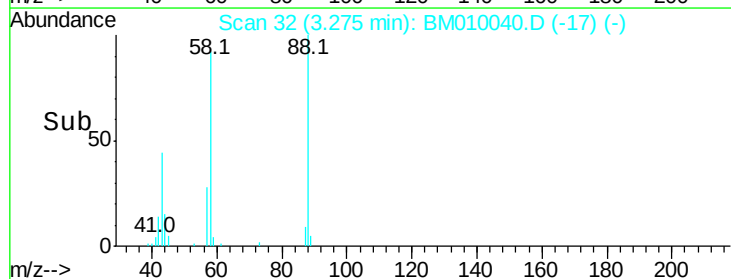
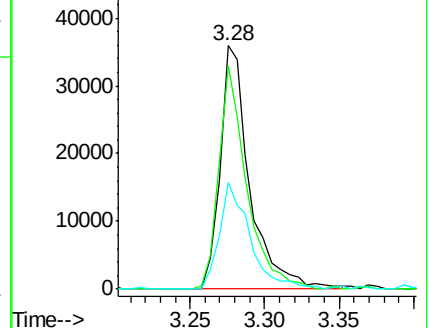
43 45.2 0.0 0.0#

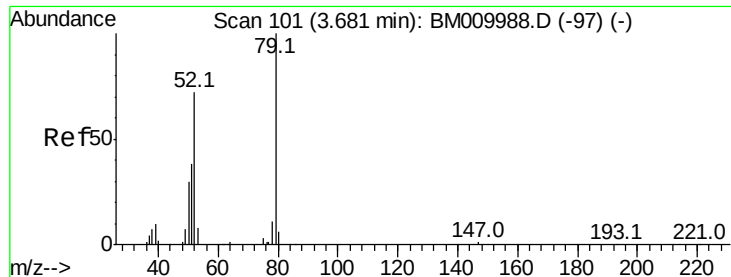


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 47.39 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

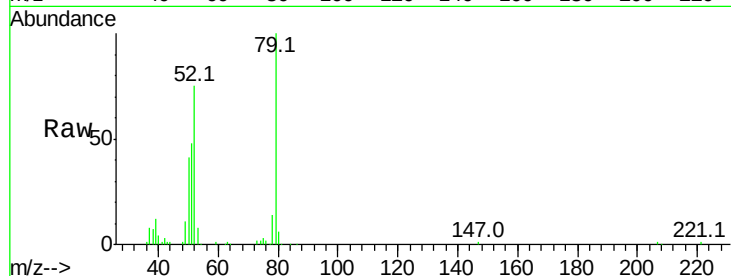
Tot Ion: 79 Resp: 173121

Ion Ratio Lower Upper

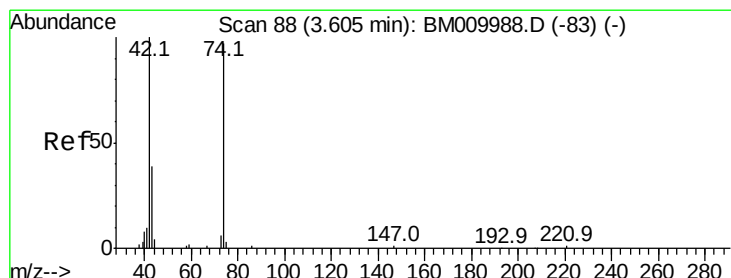
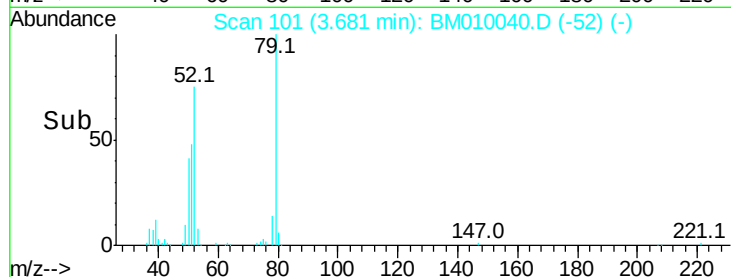
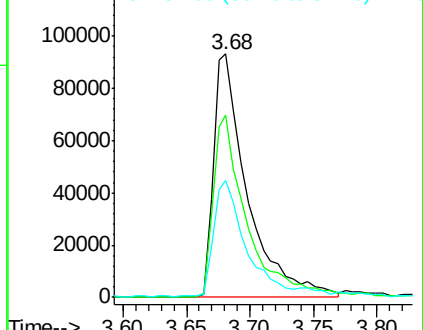
79 100

52 74.6 51.1 76.7

51 48.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 63.51 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

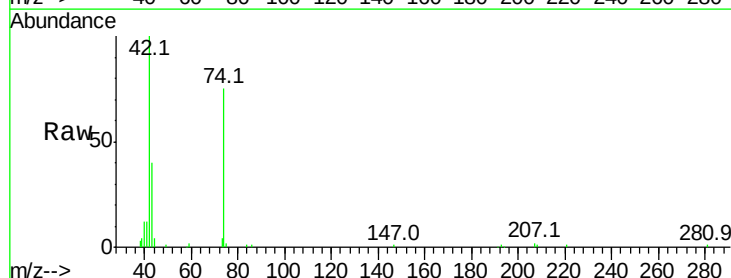
Tgt Ion: 42 Resp: 127080

Ion Ratio Lower Upper

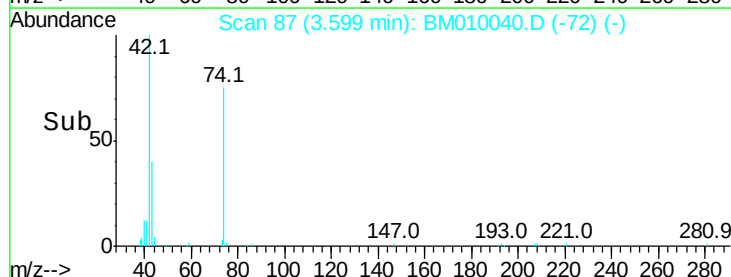
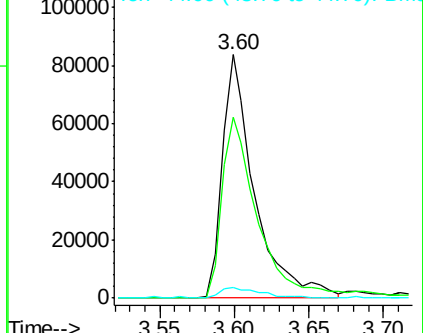
42 100

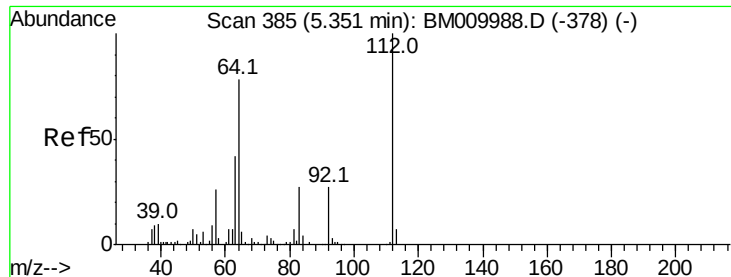
74 74.5 119.3 178.9#

44 4.4 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 82.13 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

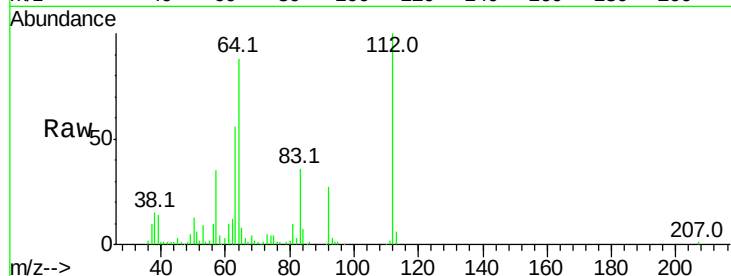
Tot Ion:112 Resp: 219720

Ion Ratio Lower Upper

112 100

64 87.7 38.6 57.8#

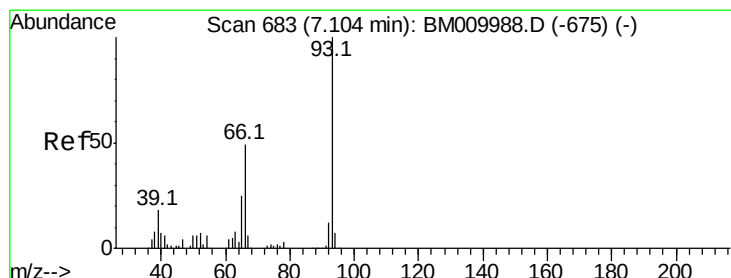
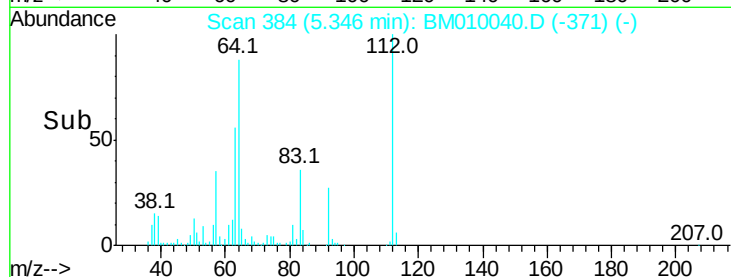
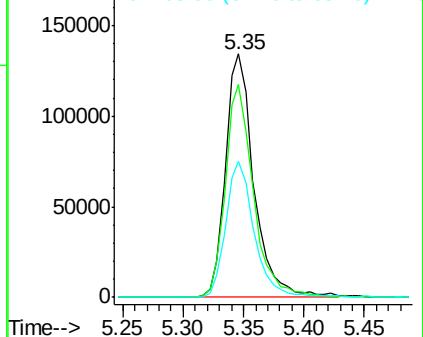
63 56.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.71 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

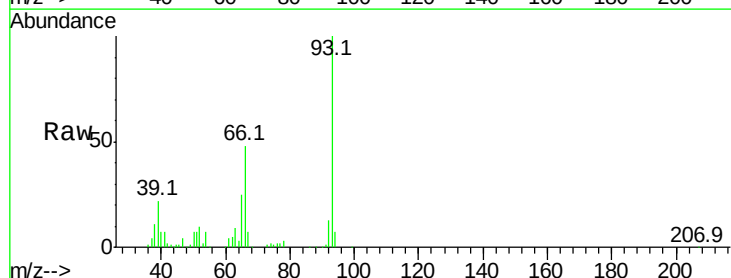
Tgt Ion: 93 Resp: 232147

Ion Ratio Lower Upper

93 100

66 48.0 30.8 46.2#

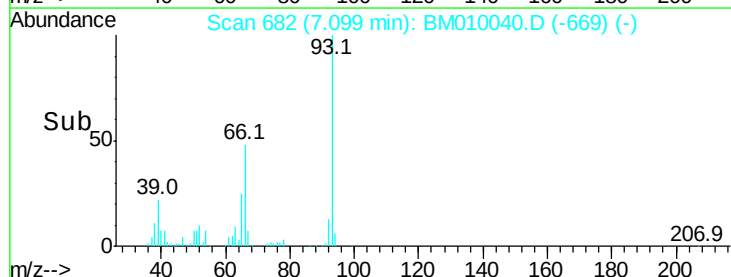
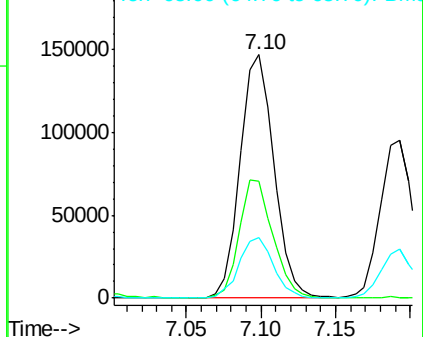
65 24.9 16.0 24.0#

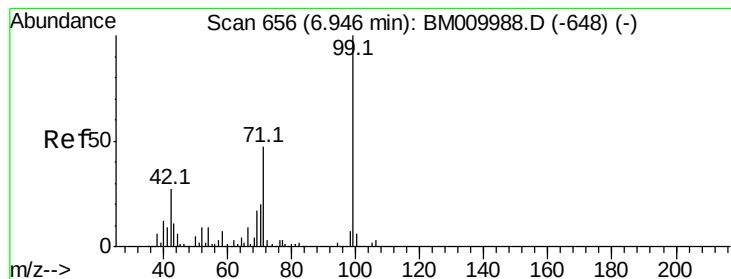


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 82.69 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

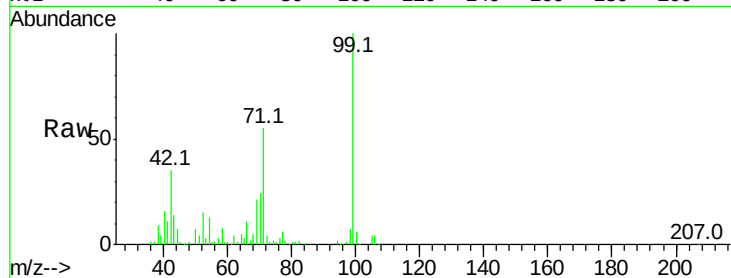
Tot Ion: 99 Resp: 354476

Ion Ratio Lower Upper

99 100

42 35.4 11.0 16.4#

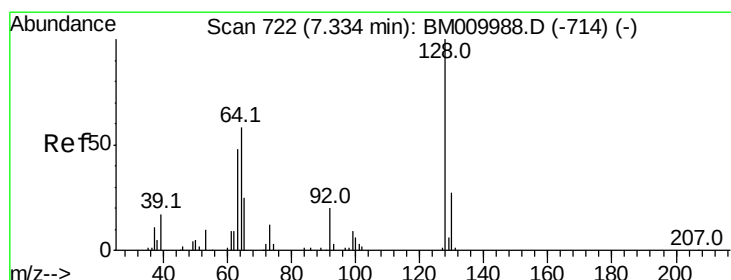
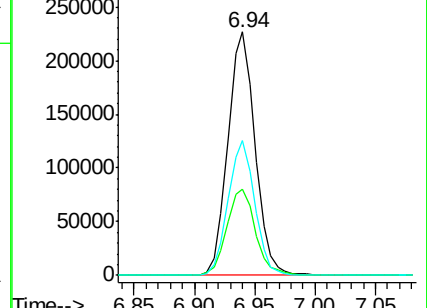
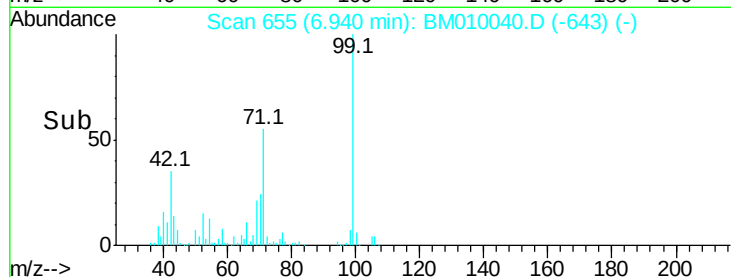
71 55.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010040.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM010040.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM010040.D (-648) (-)



#8

2-Chlorophenol

Concen: 42.19 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

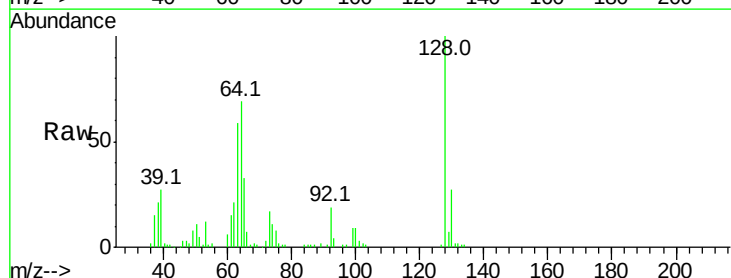
Tgt Ion: 128 Resp: 122541

Ion Ratio Lower Upper

128 100

130 27.1 12.0 52.0

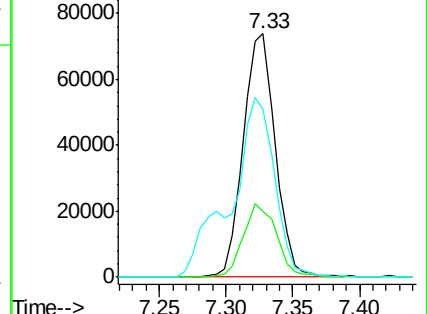
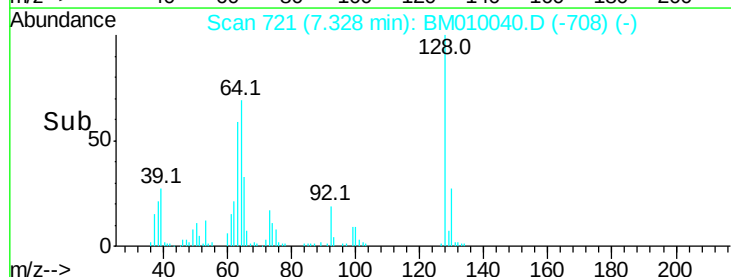
64 69.1 24.9 64.9#

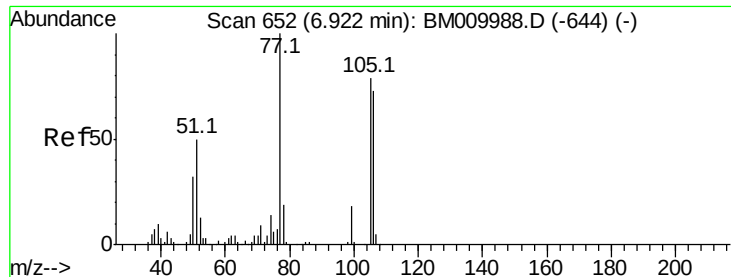


Abundance Ion 128.00 (127.70 to 128.70): BM010040.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BM010040.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BM010040.D (-708) (-)





#9

Benzaldehyde

Concen: 43.80 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

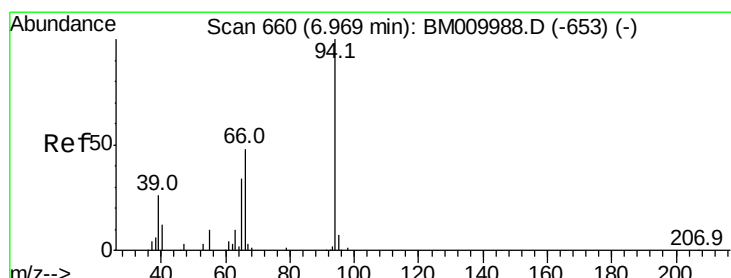
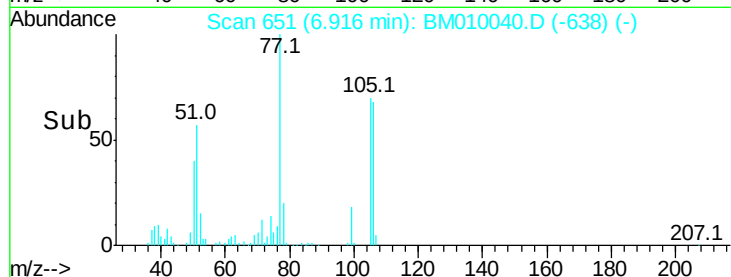
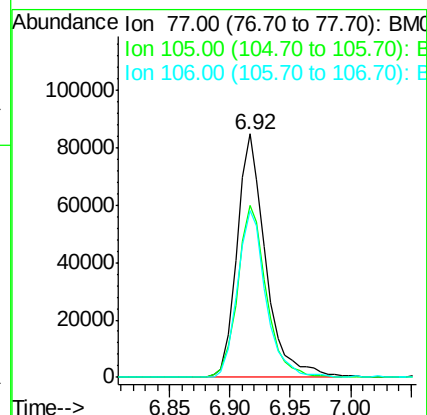
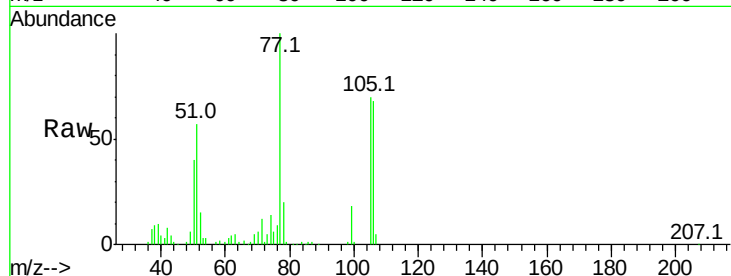
Tot Ion: 77 Resp: 140534

Ion Ratio Lower Upper

77 100

105 70.4 78.8 118.8#

106 68.5 73.7 113.7#



#10

Phenol

Concen: 42.18 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

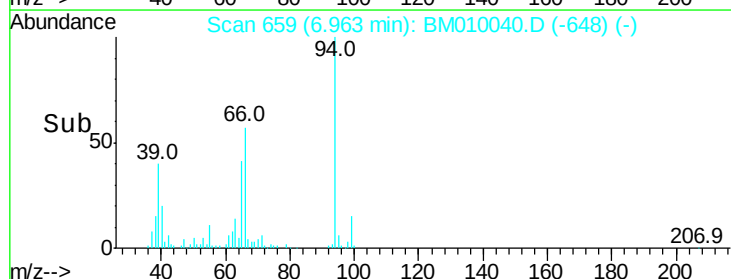
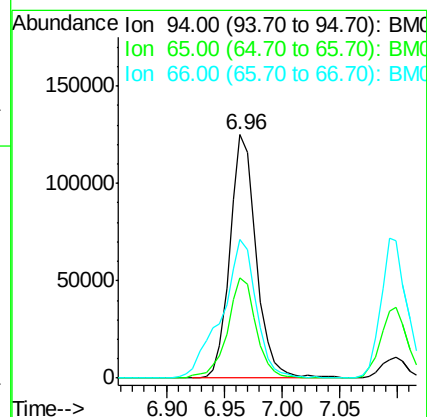
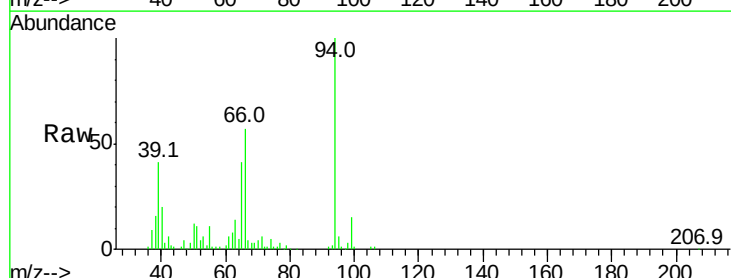
Tgt Ion: 94 Resp: 196511

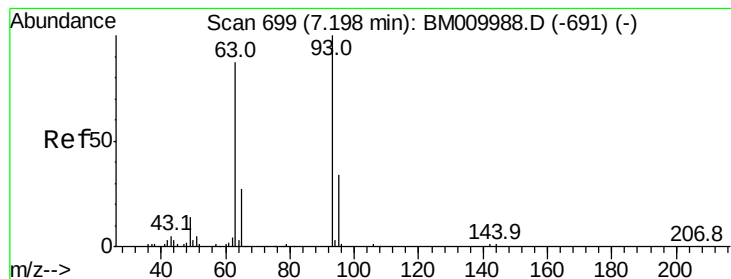
Ion Ratio Lower Upper

94 100

65 41.4 18.8 58.8

66 56.7 39.9 79.9

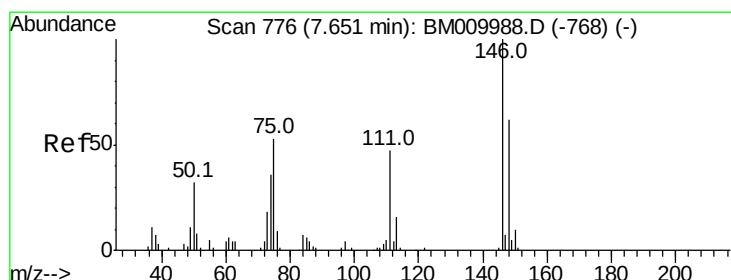
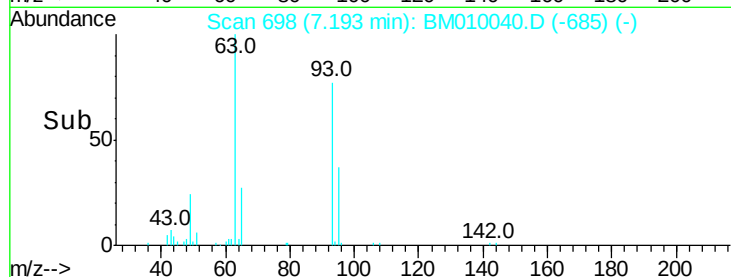
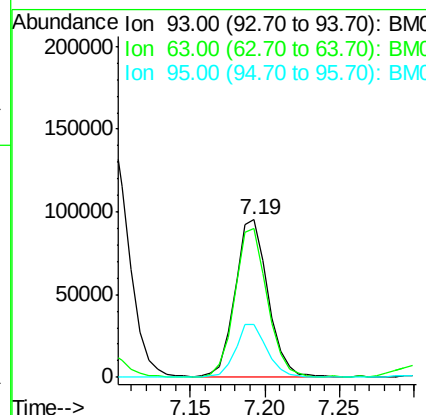
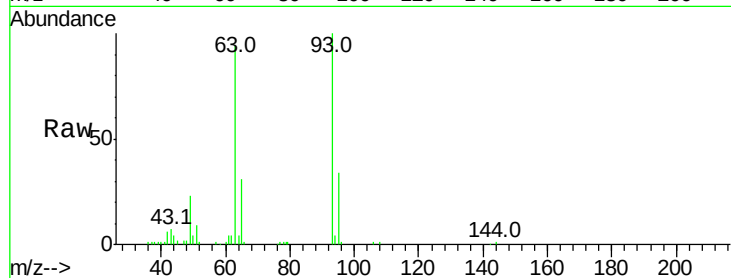




#11
bis(2-Chloroethyl)ether
Concen: 40.86 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

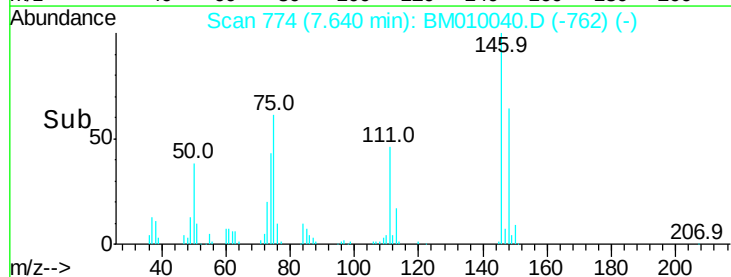
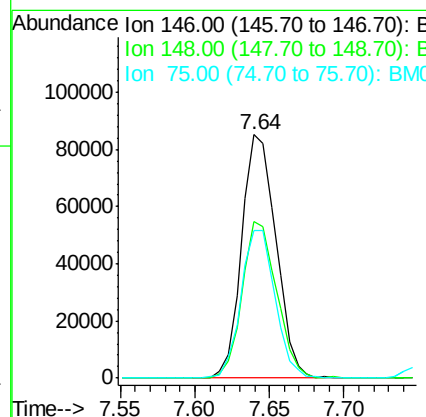
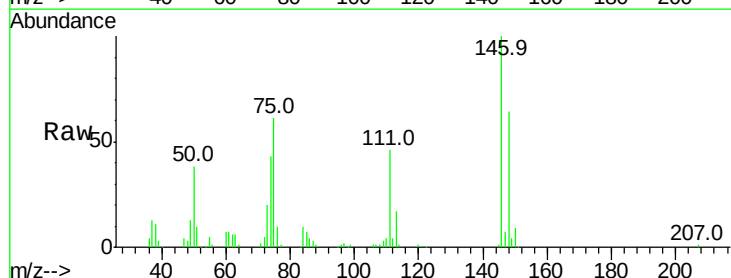
Instrument :
BNA_M
ClientSampleId :

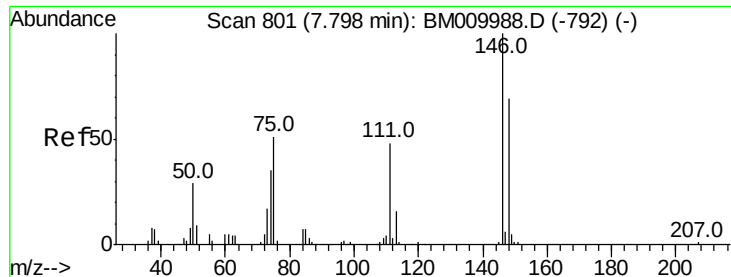
Tot Ion: 93 Resp: 147988
Ion Ratio Lower Upper
93 100
63 94.3 49.5 89.5#
95 33.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.90 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion: 146 Resp: 135866
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 60.8 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.72 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

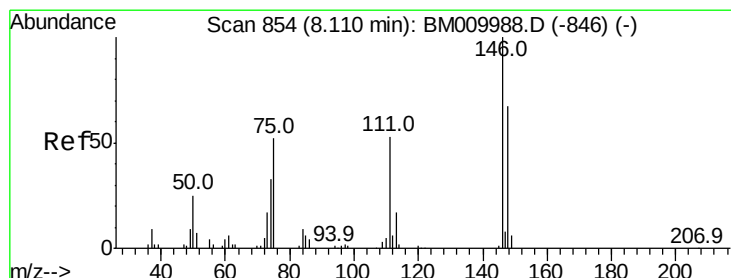
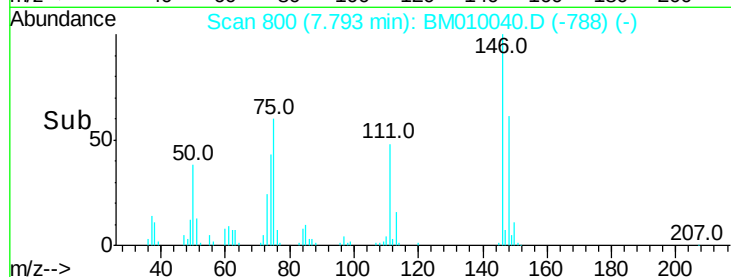
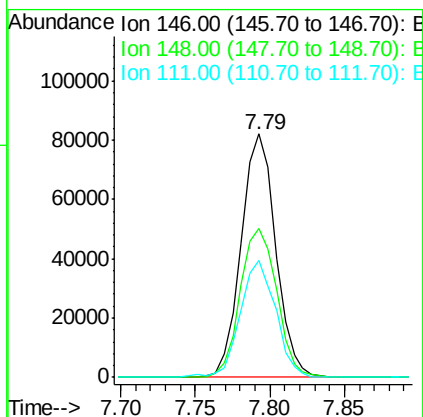
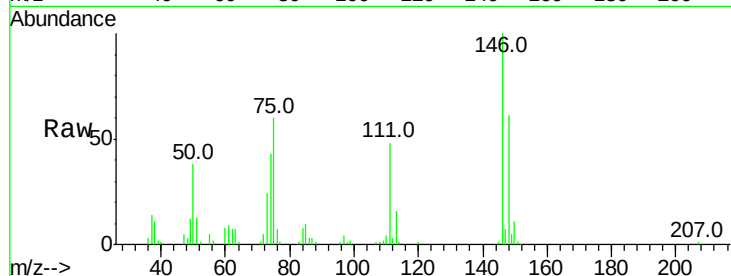
Tot Ion:146 Resp: 131977

Ion Ratio Lower Upper

146 100

148 61.4 51.9 77.9

111 48.3 29.2 43.8#



#14

1,2-Dichlorobenzene

Concen: 40.81 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

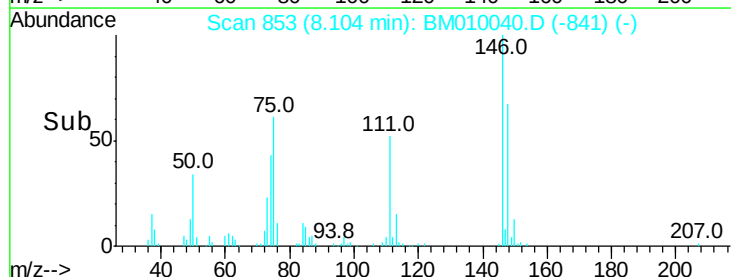
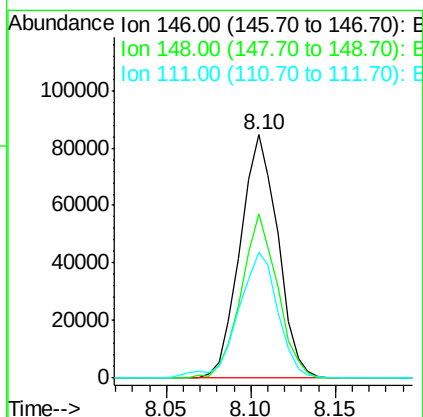
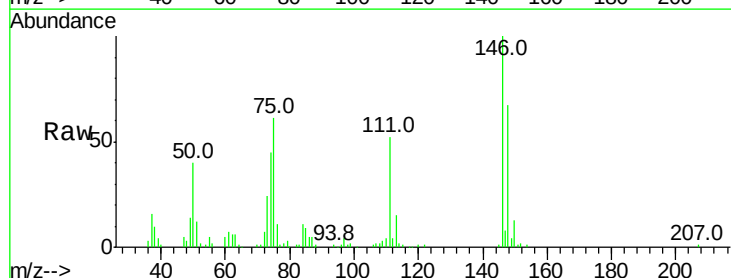
Tgt Ion:146 Resp: 131466

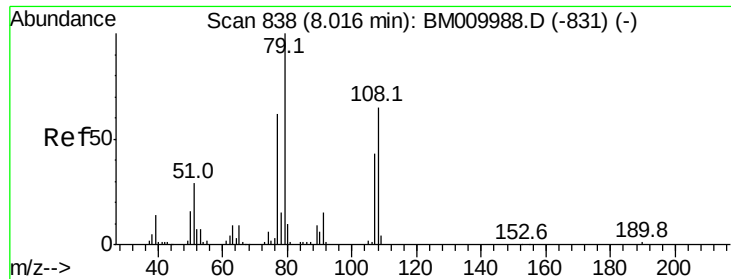
Ion Ratio Lower Upper

146 100

148 67.4 52.3 78.5

111 51.8 30.6 45.8#





#15

Benzyl Alcohol

Concen: 45.17 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

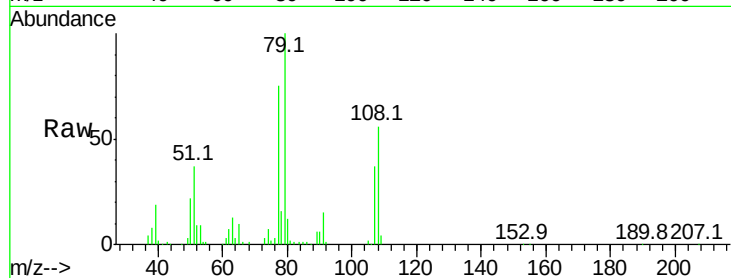
Tot Ion: 79 Resp: 165045

Ion Ratio Lower Upper

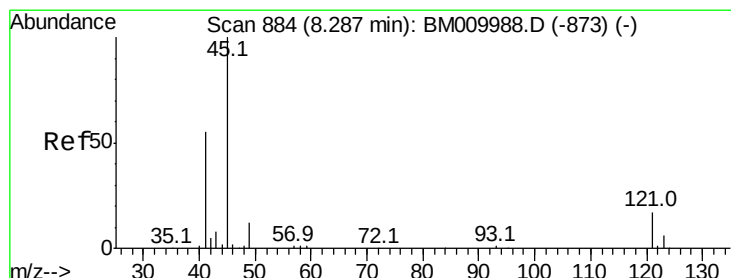
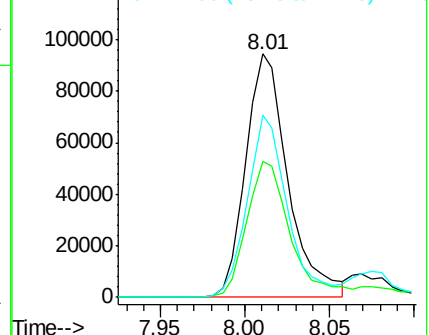
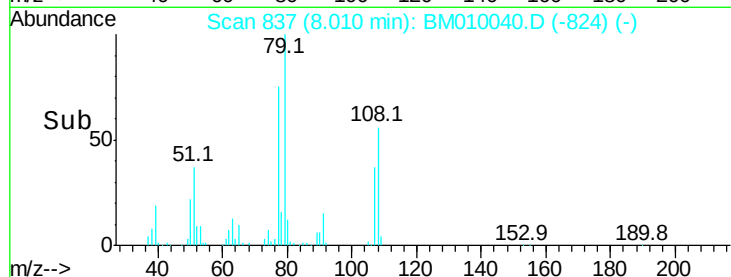
79 100

108 55.7 65.0 97.4#

77 74.9 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010040.D (-824) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.24 ng

RT: 8.28 min Scan# 882

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

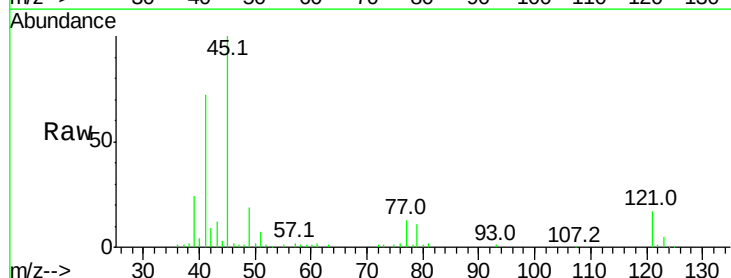
Tgt Ion: 45 Resp: 248584

Ion Ratio Lower Upper

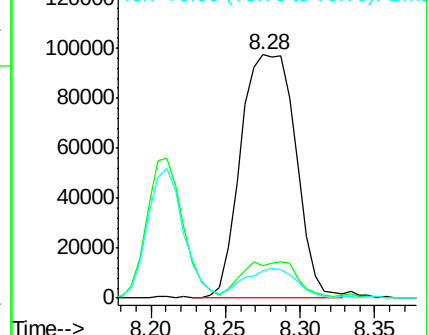
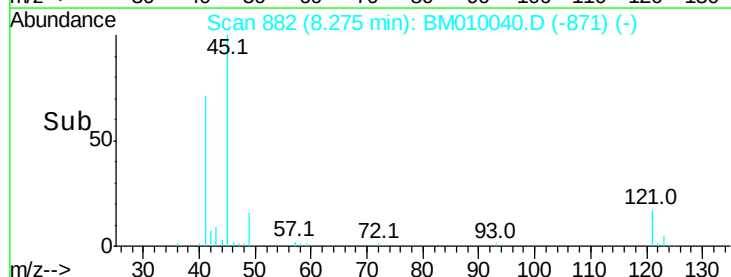
45 100

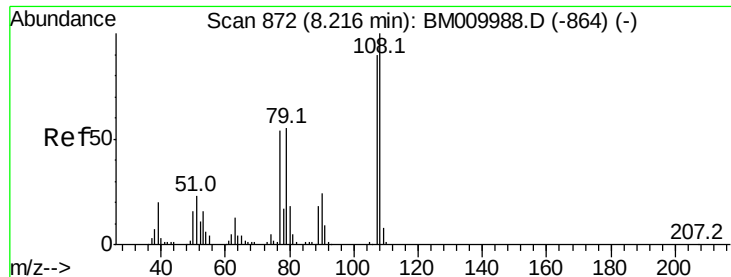
77 13.2 0.0 35.2

79 11.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM010040.D (-871) (-)





#17

2-Methylphenol

Concen: 42.27 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 128549

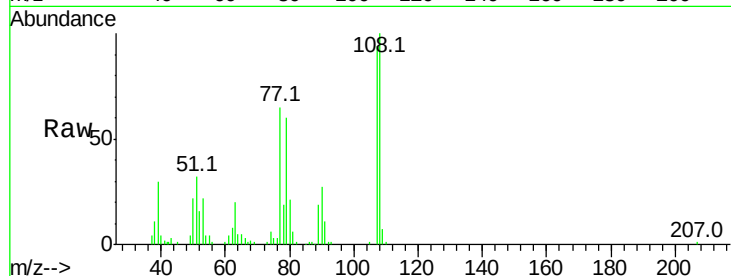
Ion Ratio Lower Upper

107 100

108 106.0 89.8 134.8

77 68.4 32.6 48.8#

79 63.4 32.8 49.2#

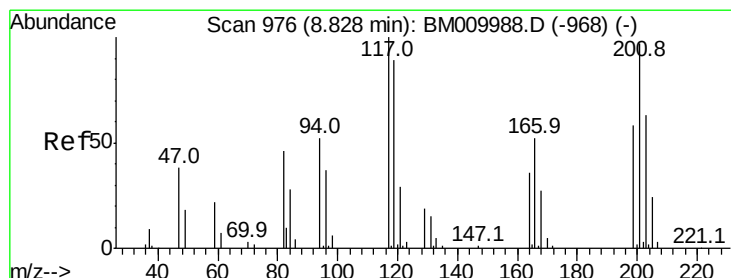
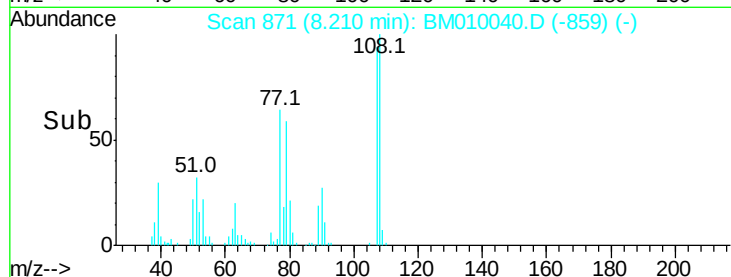
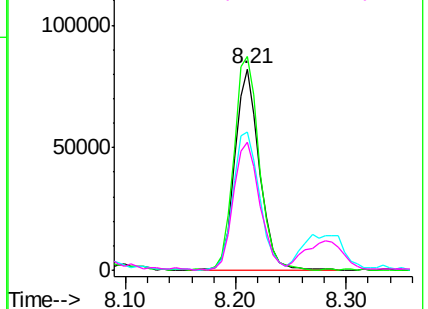


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 47.99 ng

RT: 8.82 min Scan# 974

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

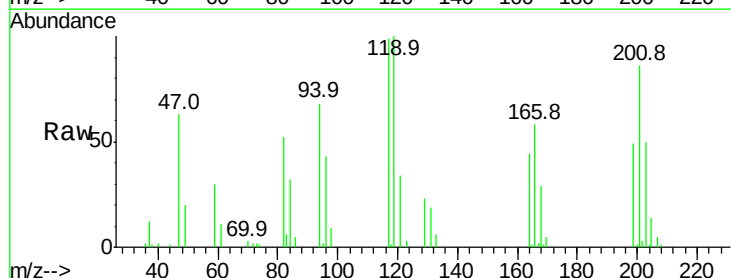
Tgt Ion:117 Resp: 66108

Ion Ratio Lower Upper

117 100

119 100.8 79.2 118.8

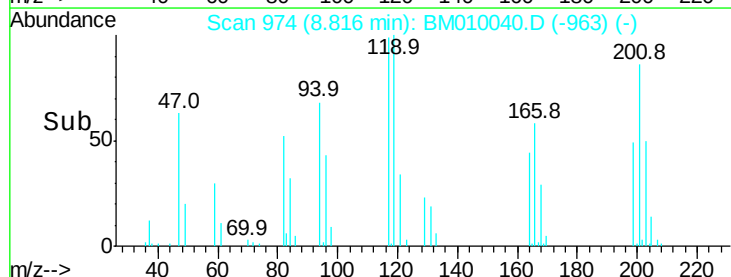
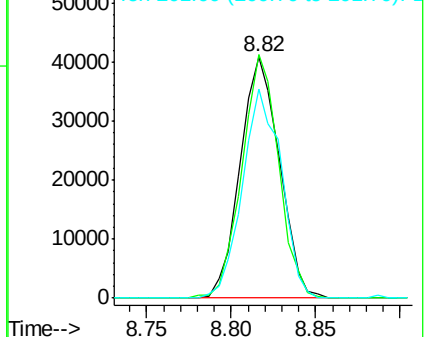
201 86.4 69.8 104.6

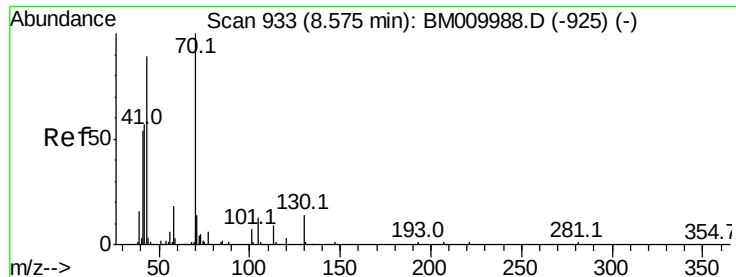


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.81 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM010040.D

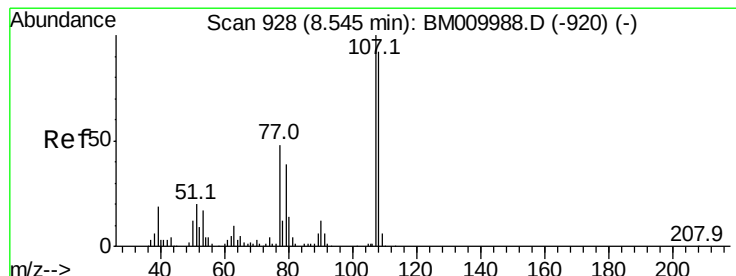
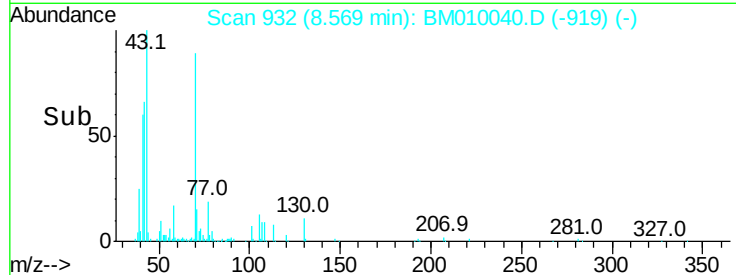
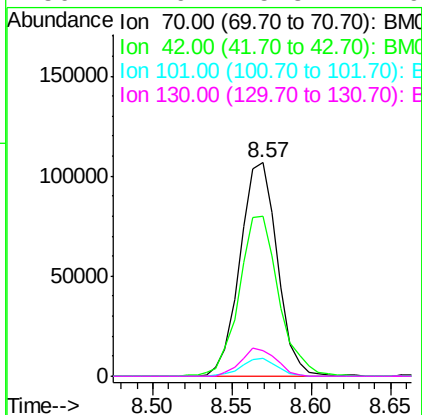
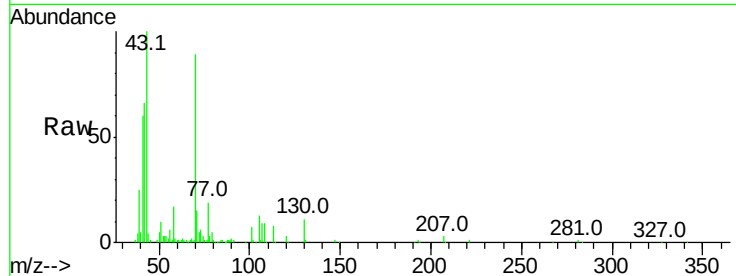
Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	174305
Ion	Ratio	Lower	Upper
70	100		
42	74.6	44.5	66.7#
101	8.3	7.4	11.2
130	11.9	15.3	22.9#



#20

3+4-Methylphenols

Concen: 43.26 ng

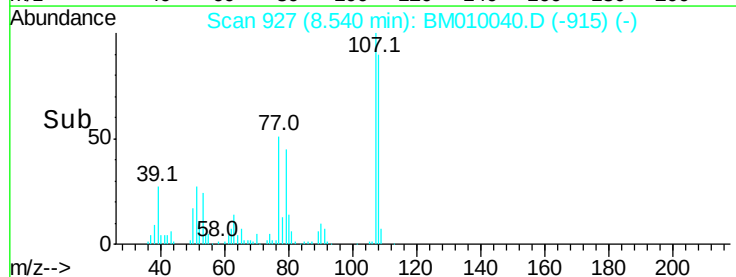
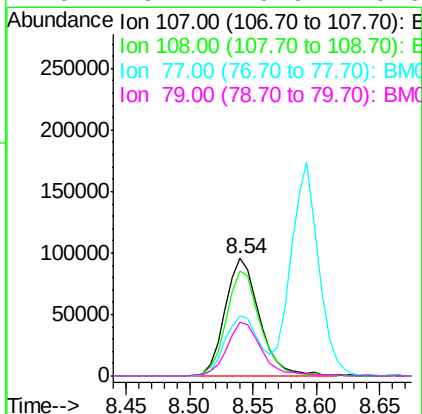
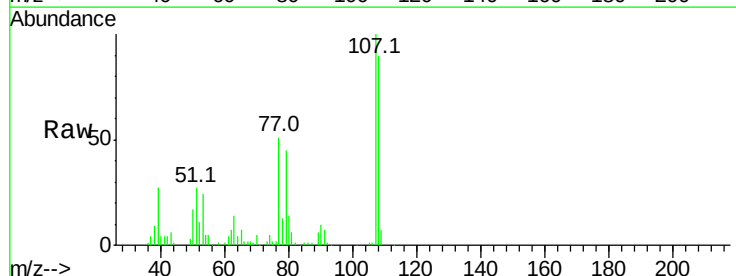
RT: 8.54 min Scan# 927

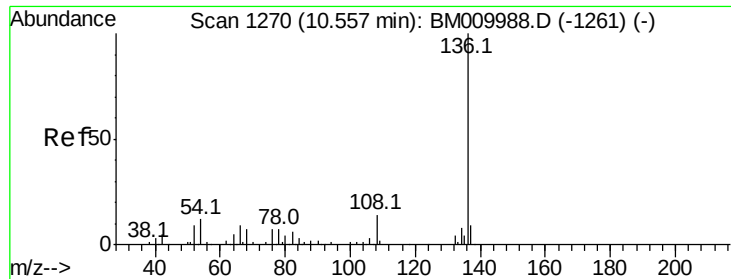
Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Tgt Ion:	107	Resp:	179083
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.2	113.2
77	51.0	10.7	50.7#
79	45.4	9.6	49.6

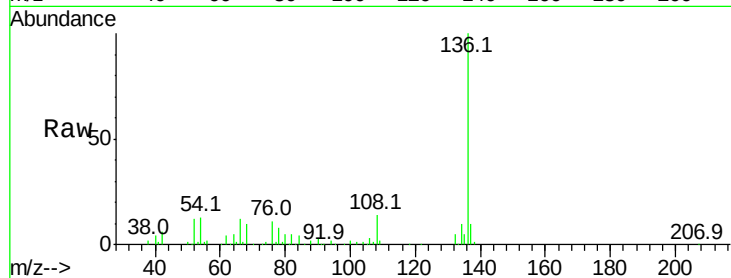




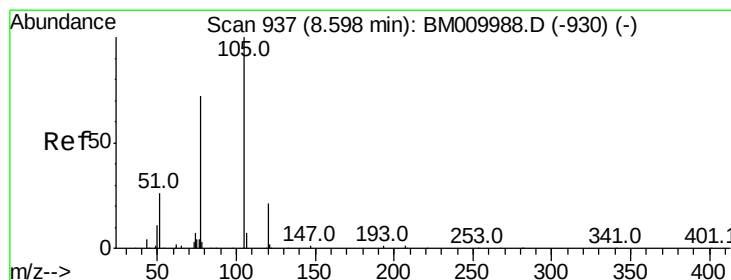
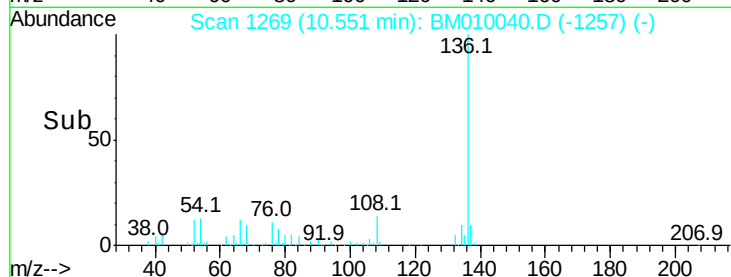
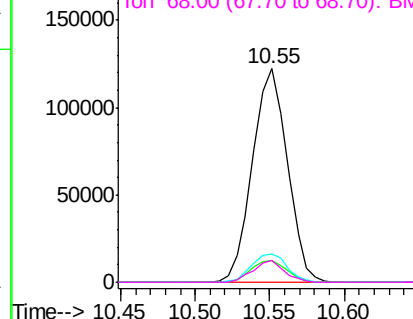
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	197994
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.7 13.1
54	13.0	4.6 6.8#
68	10.4	3.7 5.5#

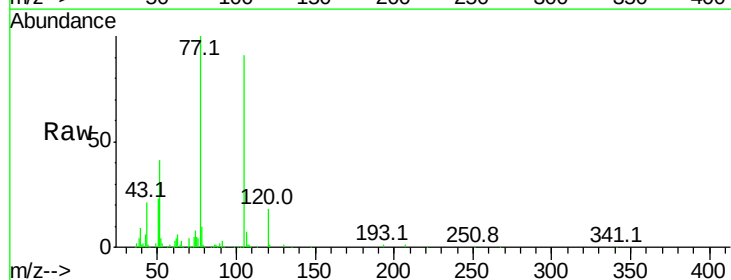


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

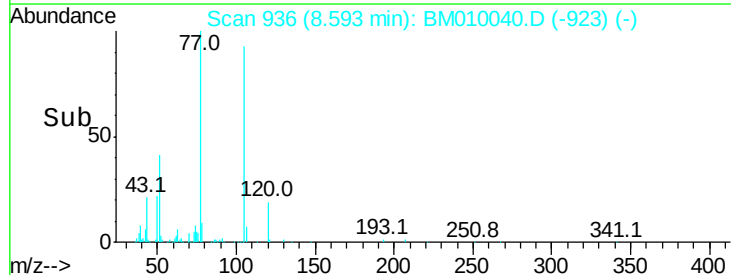
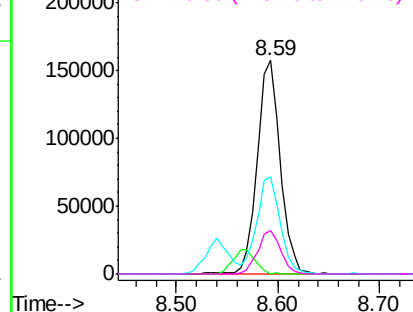


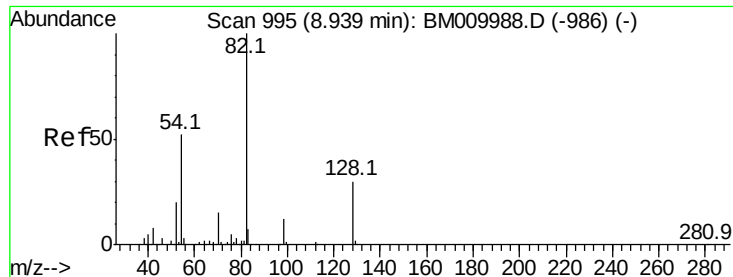
#22
Acetophenone
Concen: 41.10 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion:105	Resp:	248753
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	45.4	21.6 32.4#
120	20.3	16.1 24.1



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

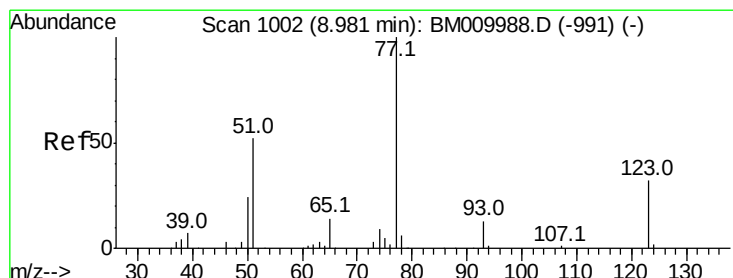
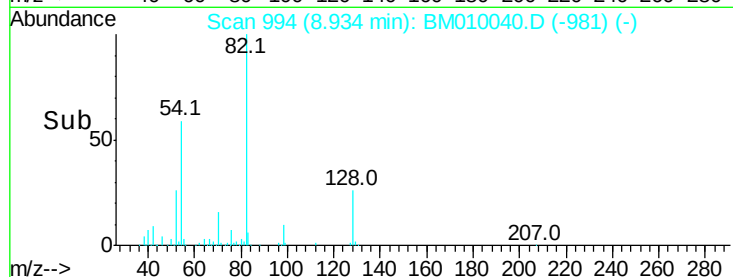
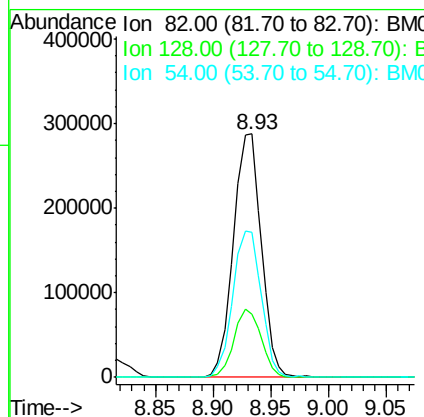
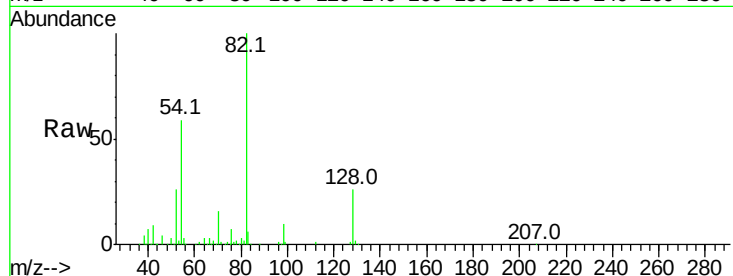




#23
 Nitrobenzene-d5
 Concen: 89.33 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

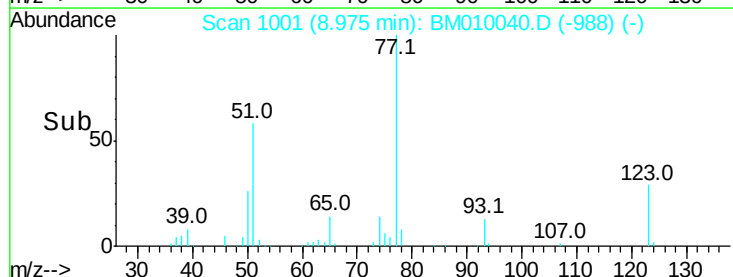
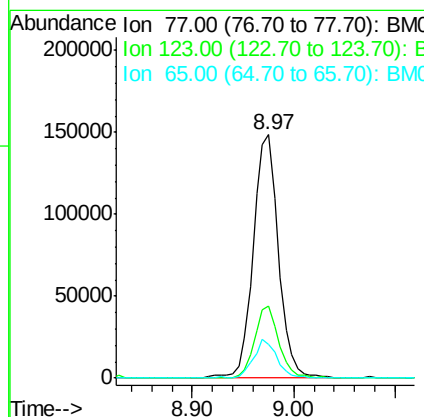
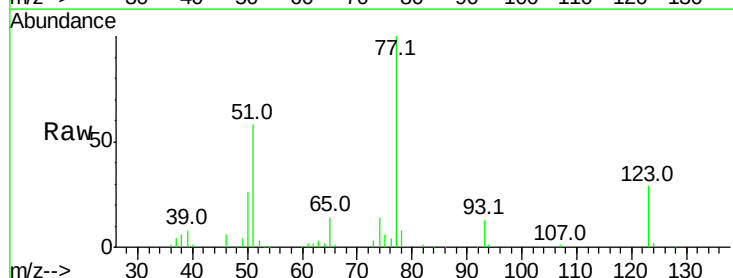
Instrument :
 BNA_M
 ClientSampleId :

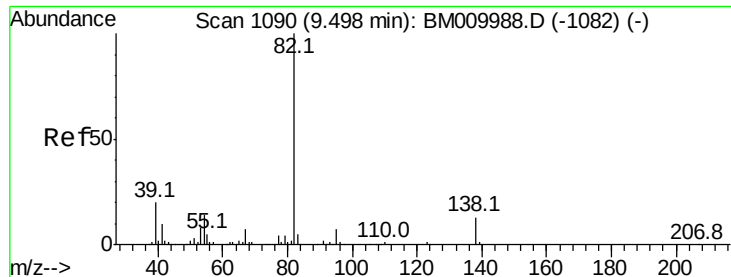
Tot Ion	Ratio	Lower	Upper
82	100		
128	25.9	32.8	49.2#
54	59.5	40.6	60.8



#24
 Nitrobenzene
 Concen: 44.67 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.4	32.6	49.0#
65	13.8	10.9	16.3





#25

Isophorone

Concen: 42.24 ng

RT: 9.49 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

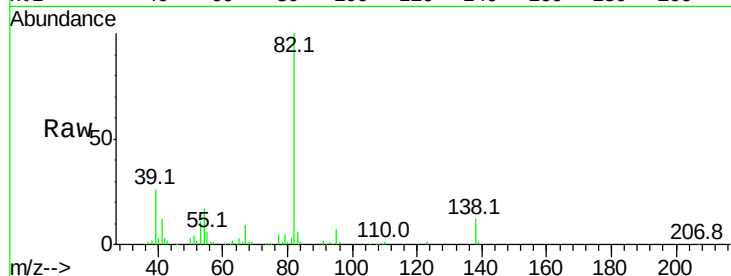
Tot Ion: 82 Resp: 393831

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

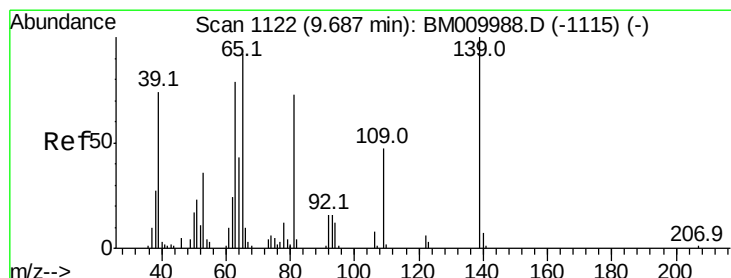
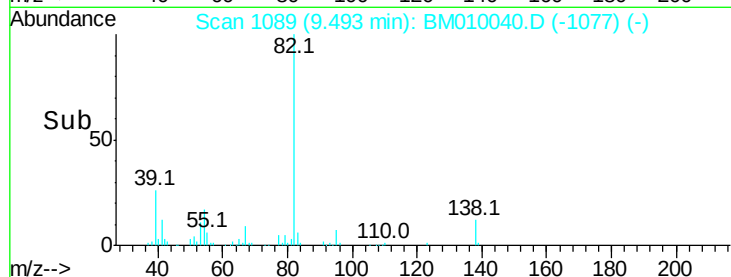
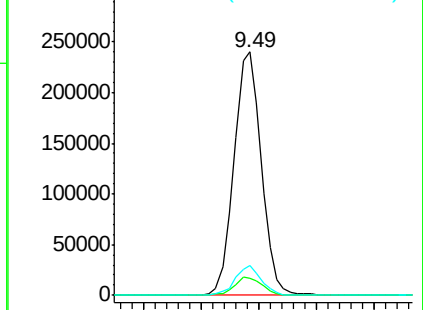
138 12.3 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010040.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM010040.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM010040.D (-1082) (-)



#26

2-Nitrophenol

Concen: 42.55 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

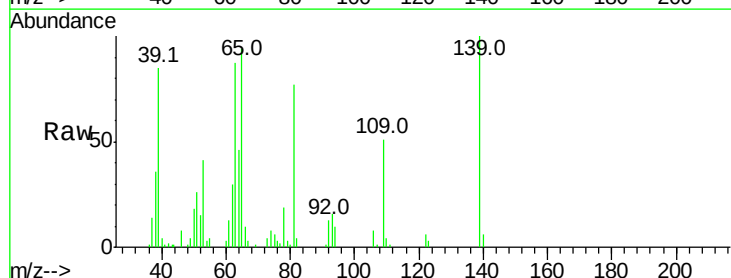
Tgt Ion: 139 Resp: 73862

Ion Ratio Lower Upper

139 100

109 50.8 20.1 30.1#

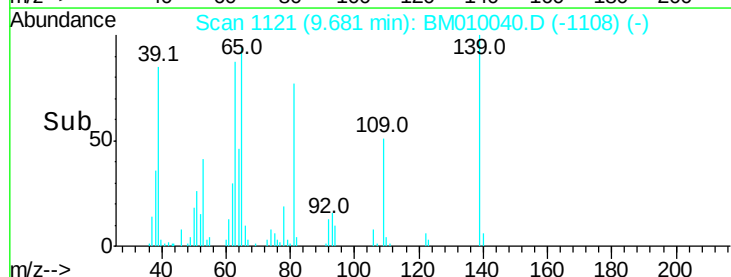
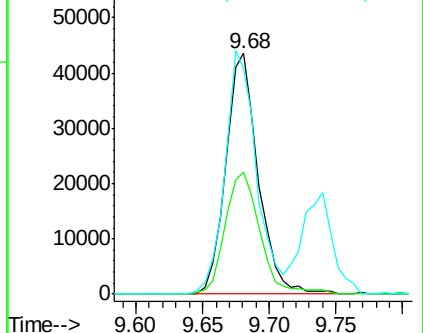
65 94.1 31.5 47.3#

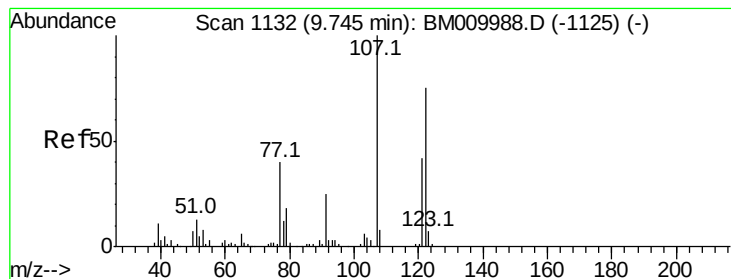


Abundance Ion 139.00 (138.70 to 139.70): BM010040.D (-1115) (-)

Ion 109.00 (108.70 to 109.70): BM010040.D (-1115) (-)

Ion 65.00 (64.70 to 65.70): BM010040.D (-1115) (-)





#27

2,4-Dimethylphenol

Concen: 40.93 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

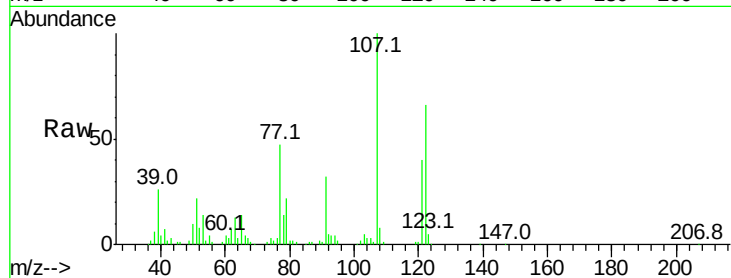
Tot Ion:122 Resp: 133009

Ion Ratio Lower Upper

122 100

107 152.4 84.7 127.1#

121 61.3 46.6 69.8

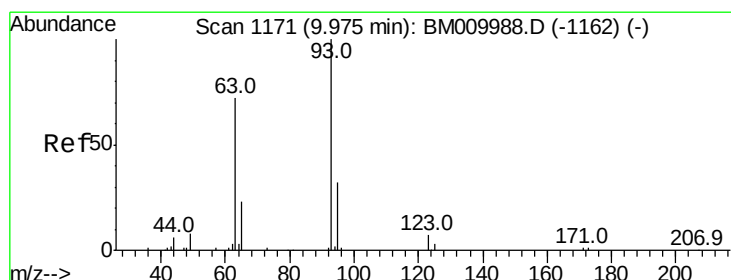
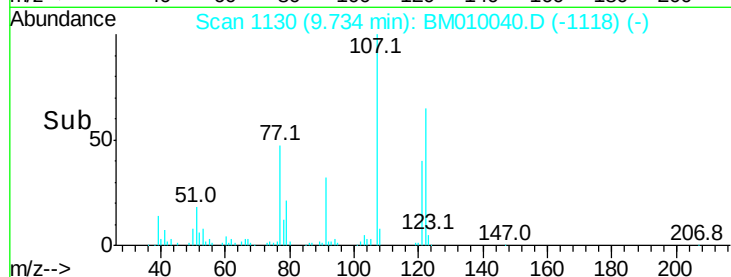
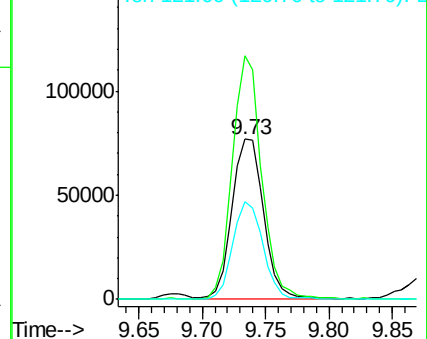


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

RT: 9.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

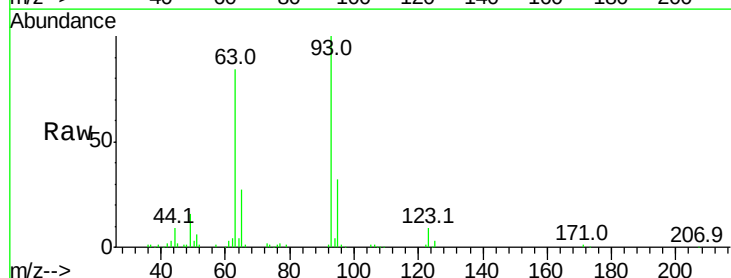
Tgt Ion: 93 Resp: 230810

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 9.4 8.6 13.0

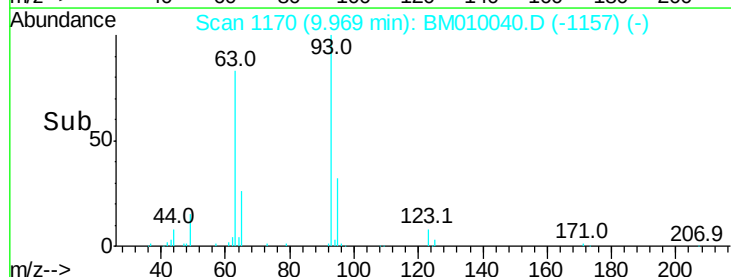
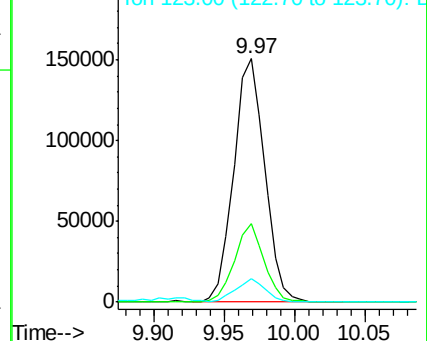


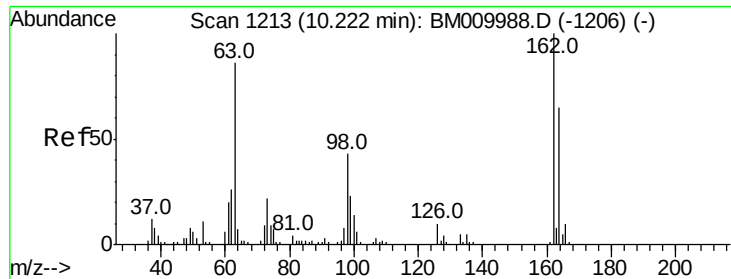
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.77 ng

RT: 10.21 min Scan# 1211

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

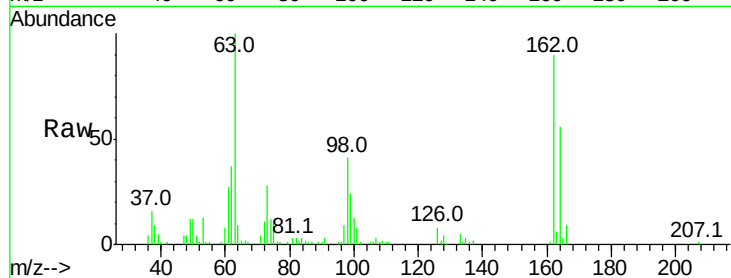
Tot Ion:162 Resp: 125737

Ion Ratio Lower Upper

162 100

164 62.2 42.8 82.8

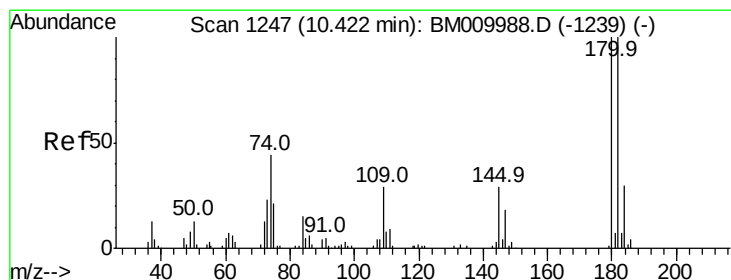
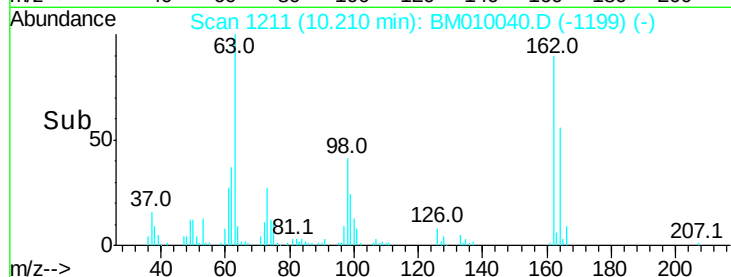
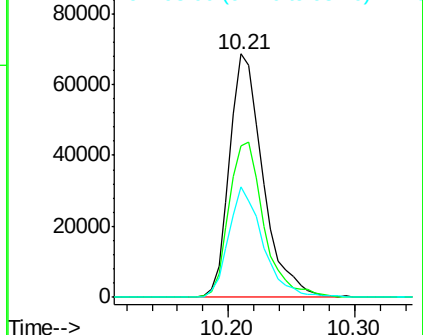
98 45.4 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.60 ng

RT: 10.42 min Scan# 1246

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

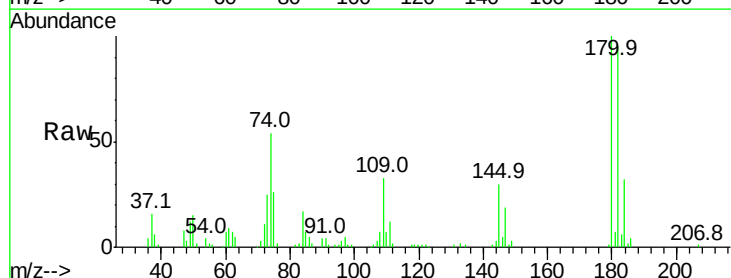
Tgt Ion:180 Resp: 142493

Ion Ratio Lower Upper

180 100

182 95.0 77.6 116.4

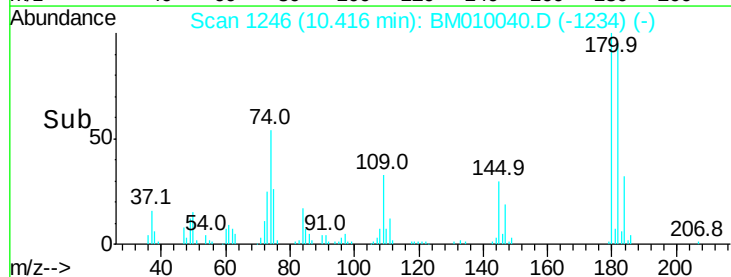
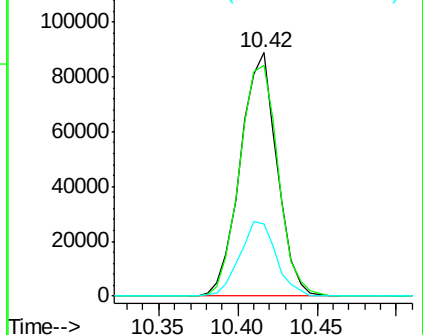
145 29.6 23.4 35.2

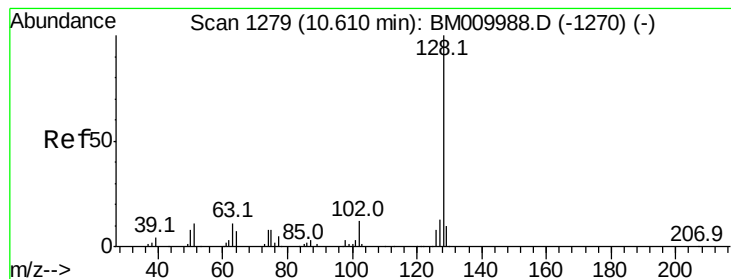


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.02 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

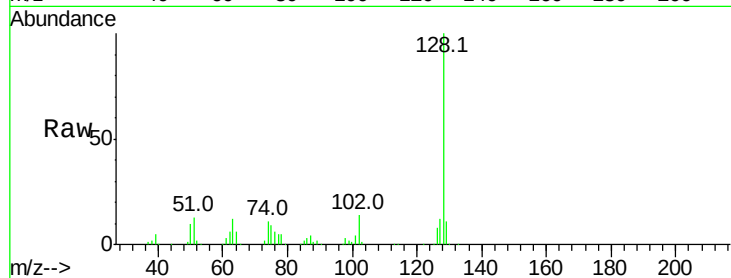
Tot Ion:128 Resp: 436228

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

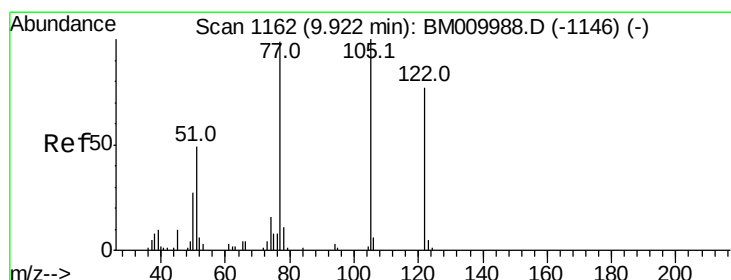
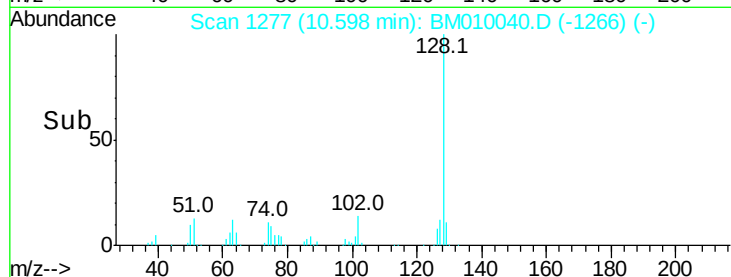
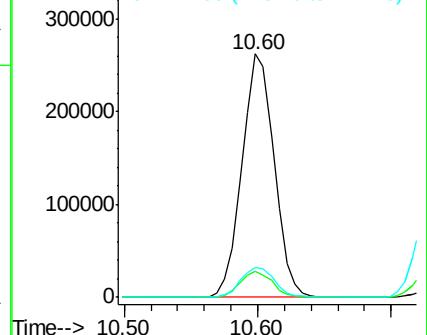
127 12.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.44 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

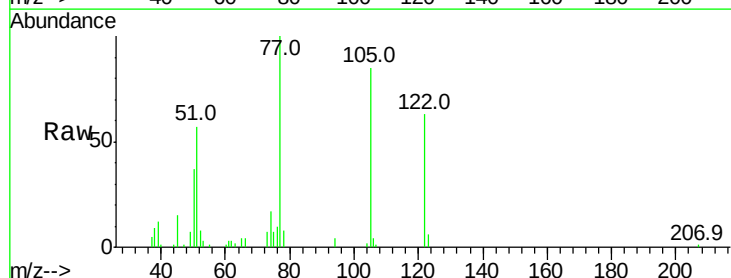
Tgt Ion:122 Resp: 87898

Ion Ratio Lower Upper

122 100

105 134.0 99.9 139.9

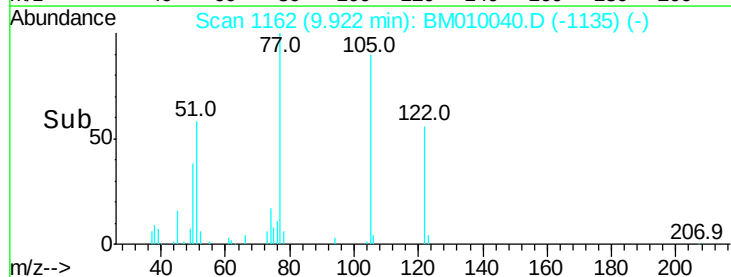
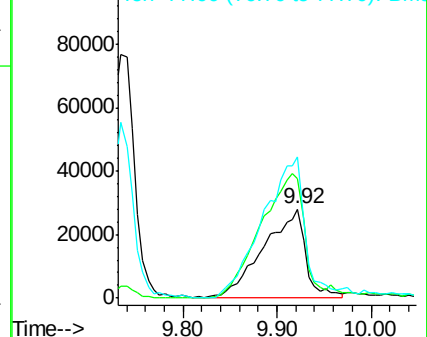
77 158.5 73.7 113.7#

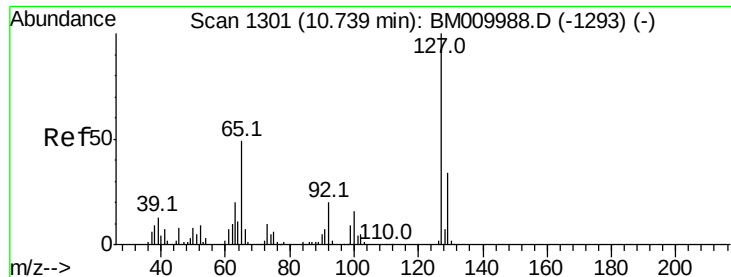


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

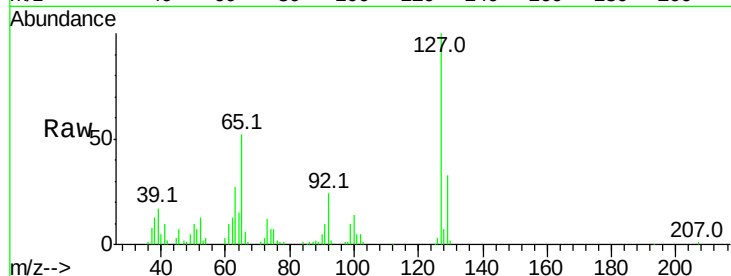




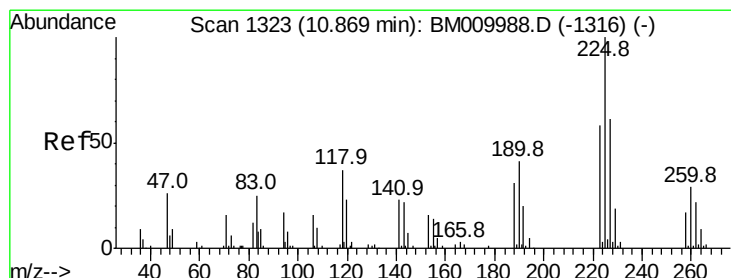
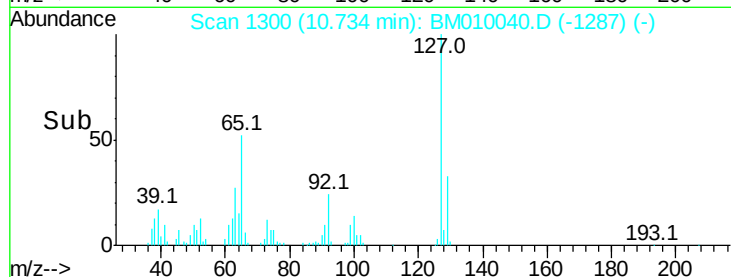
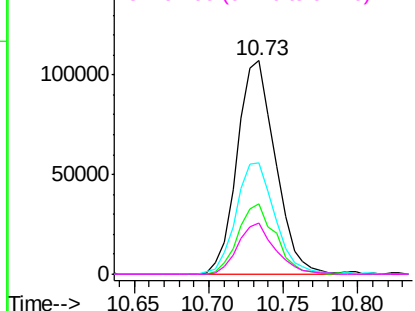
#33
4-Chloroaniline
Concen: 41.29 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	191317
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	51.9	17.6	26.4
92	23.8	13.1	19.7

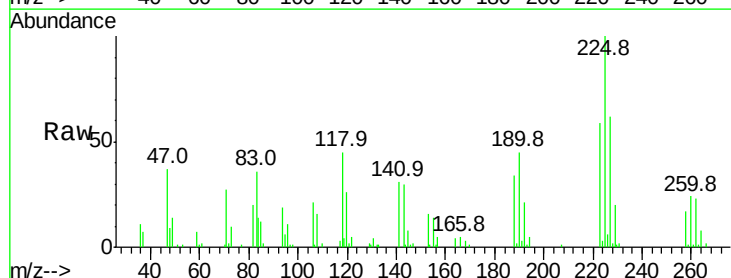


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

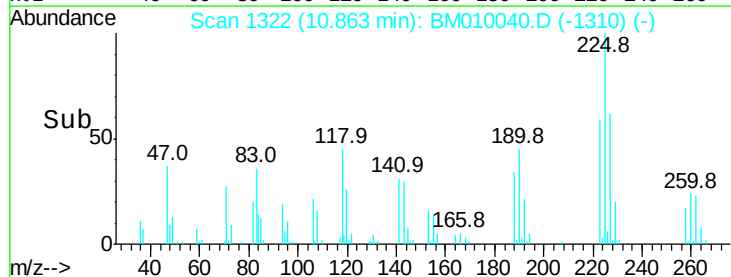
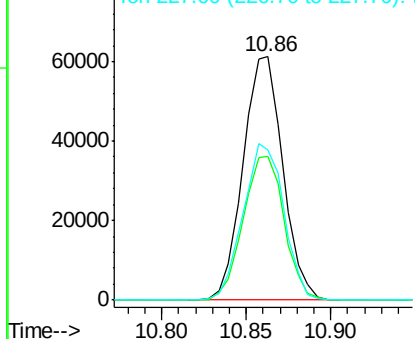


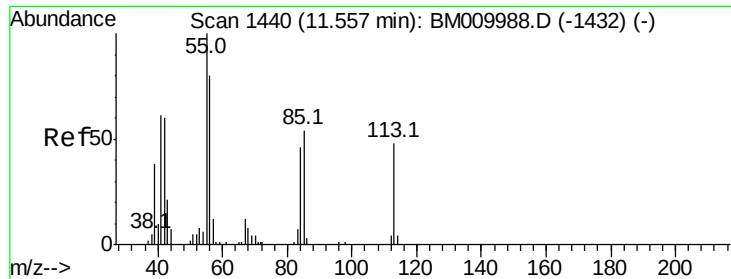
#34
Hexachlorobutadiene
Concen: 39.95 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion:	225	Resp:	100363
Ion	Ratio	Lower	Upper
225	100		
223	58.9	47.9	71.9
227	61.9	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: 36.04 ng

RT: 11.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

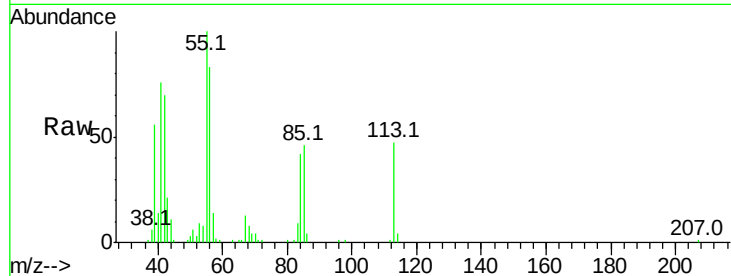
Tot Ion:113 Resp: 44519

Ion Ratio Lower Upper

113 100

55 212.0 145.9 185.9#

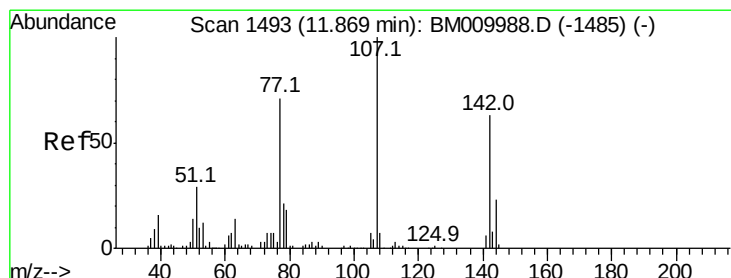
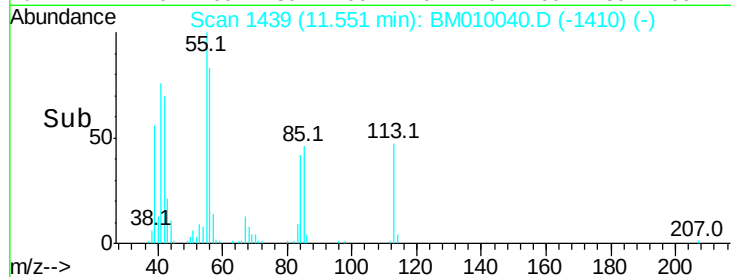
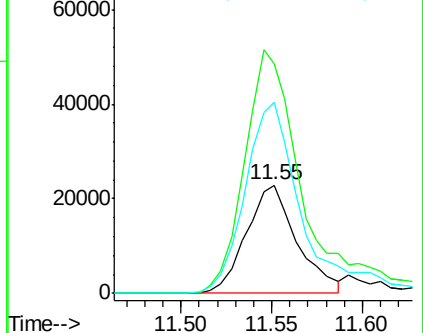
56 176.8 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.39 ng

RT: 11.86 min Scan# 1492

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

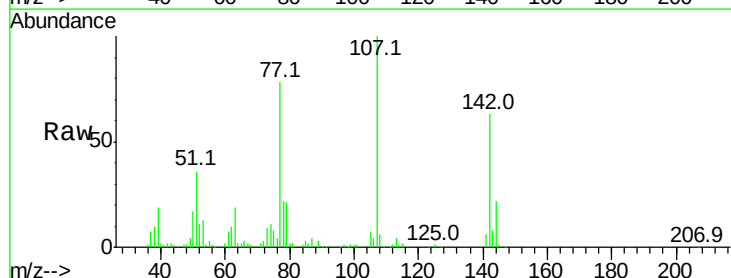
Tgt Ion:107 Resp: 183336

Ion Ratio Lower Upper

107 100

144 21.9 23.3 34.9#

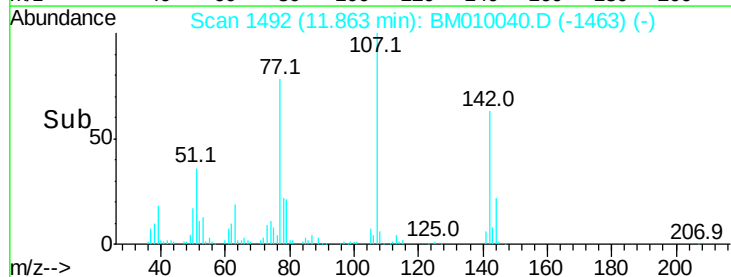
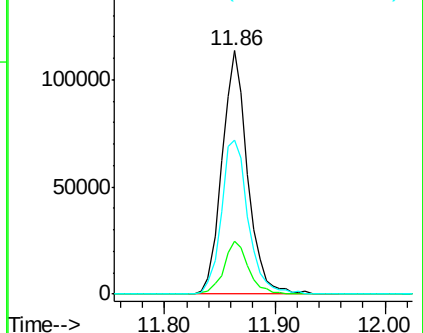
142 63.2 72.6 109.0#

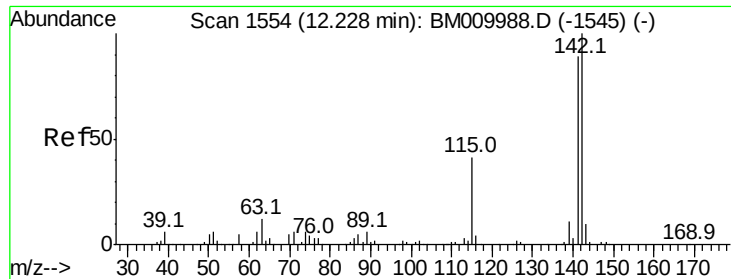


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

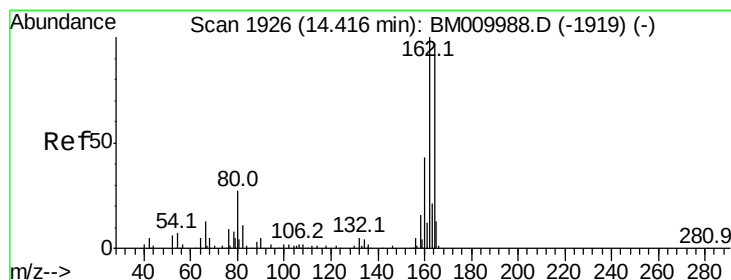
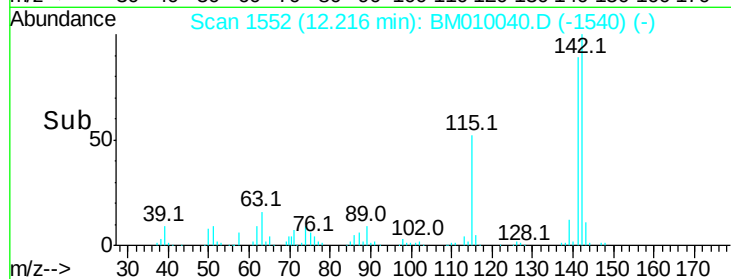
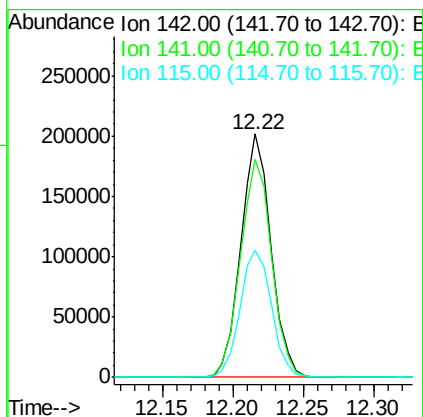
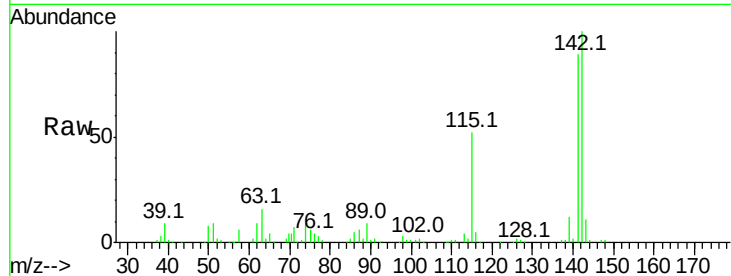




#37
2-Methylnaphthalene
Concen: 38.57 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

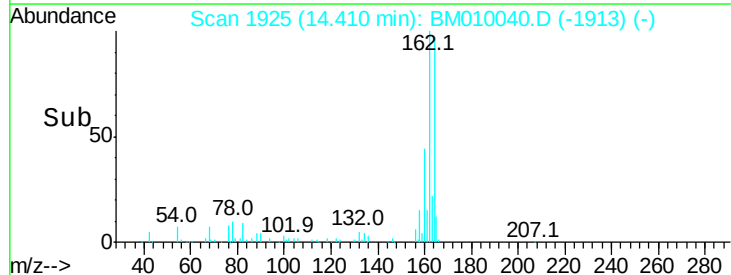
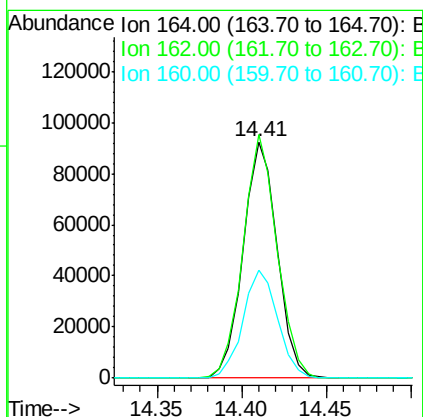
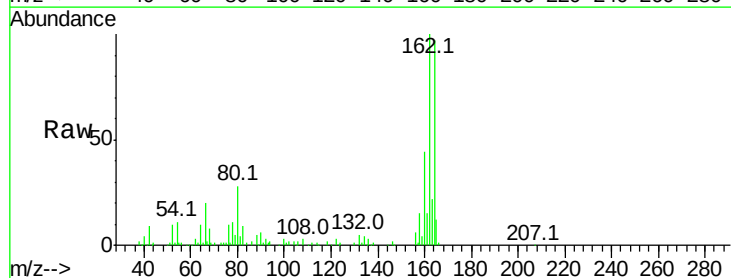
Instrument :
BNA_M
ClientSampleId :

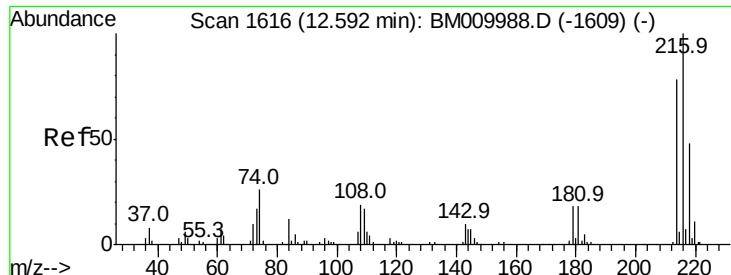
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	52.4	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	45.7	35.8	53.6

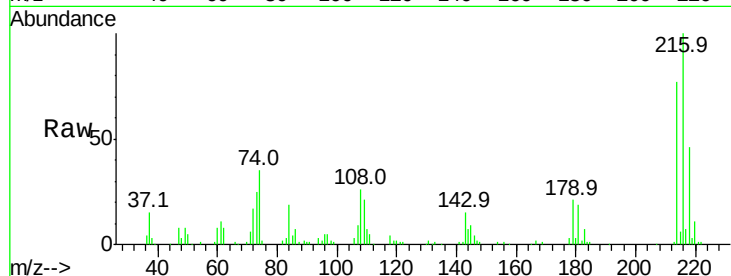




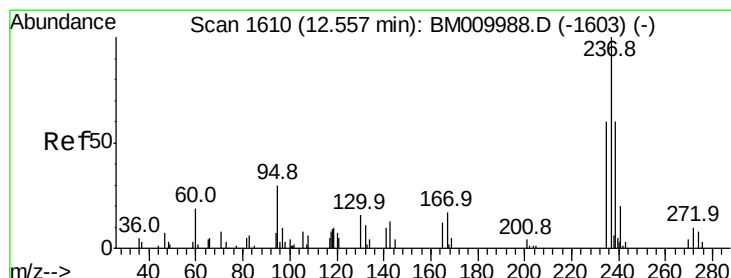
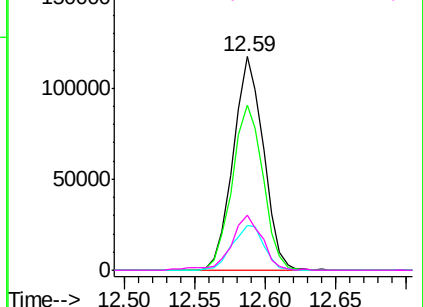
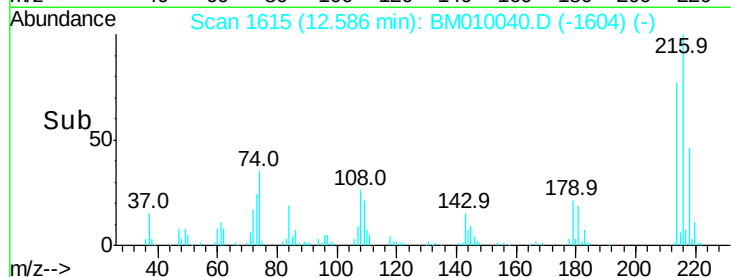
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.29 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	175336
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	21.8	0.0	0.0#
108	26.5	0.0	0.0#

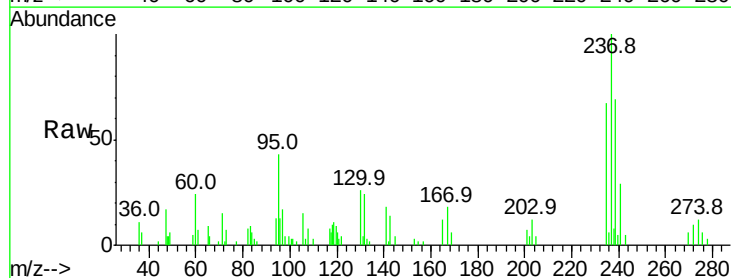


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

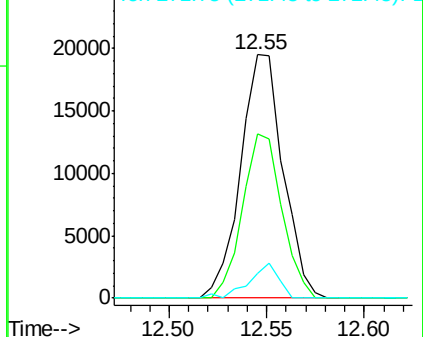
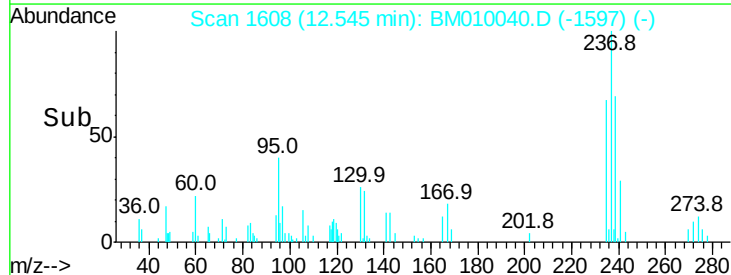


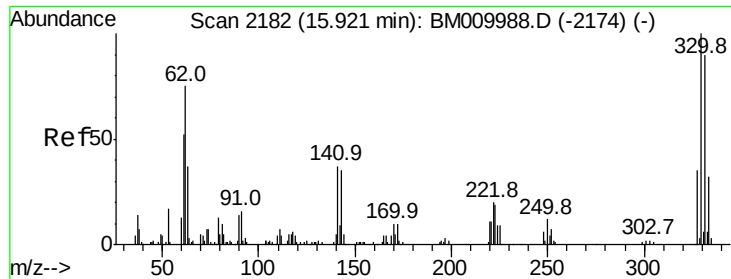
#40
 Hexachlorocyclopentadiene
 Concen: 39.86 ng
 RT: 12.55 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion:	237	Resp:	29398
Ion	Ratio	Lower	Upper
237	100		
235	67.4	42.0	82.0
272	10.2	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

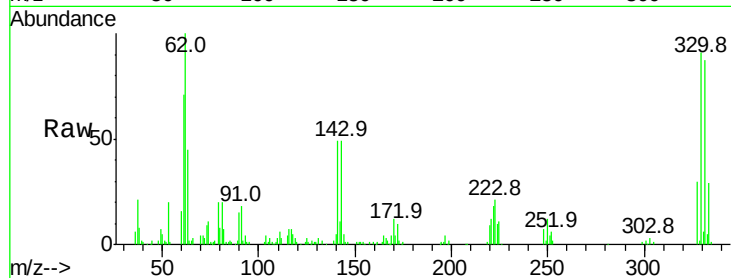




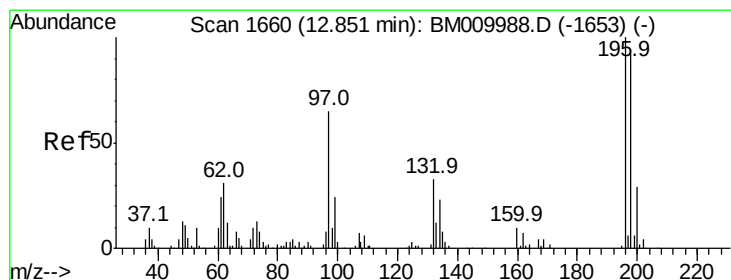
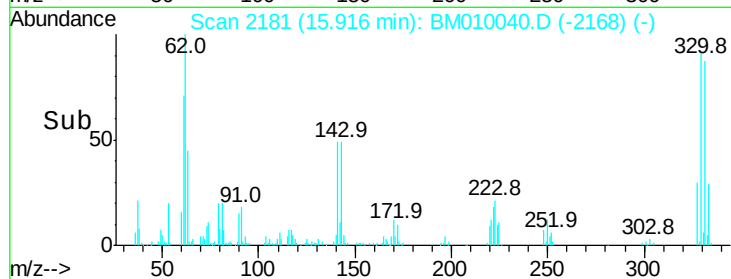
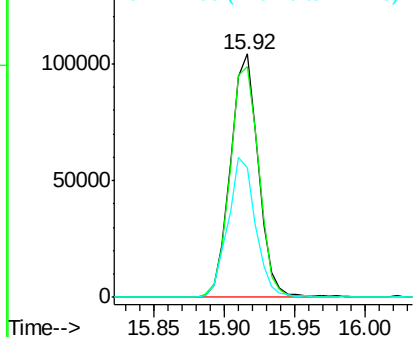
#41
 2,4,6-Tribromophenol
 Concen: 81.20 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 143583
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 57.1 0.0 0.0#

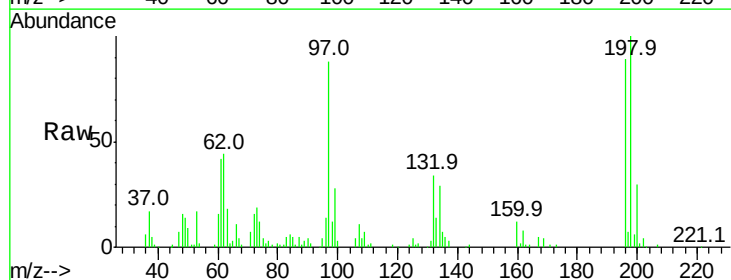


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

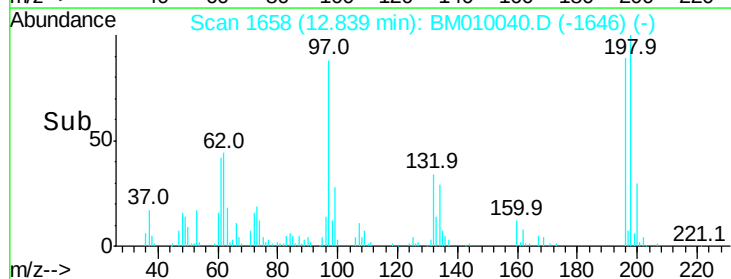
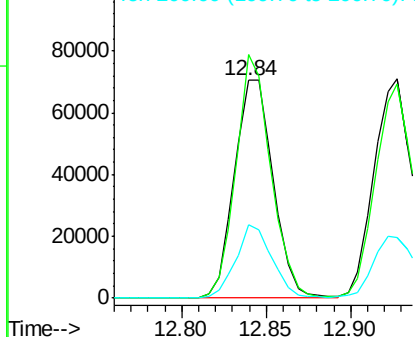


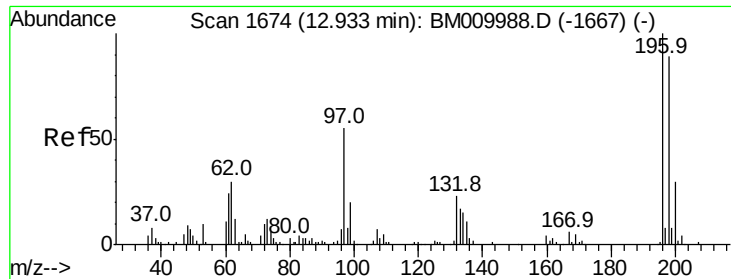
#42
 2,4,6-Trichlorophenol
 Concen: 39.11 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion:196 Resp: 113217
 Ion Ratio Lower Upper
 196 100
 198 111.8 76.3 114.5
 200 33.8 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

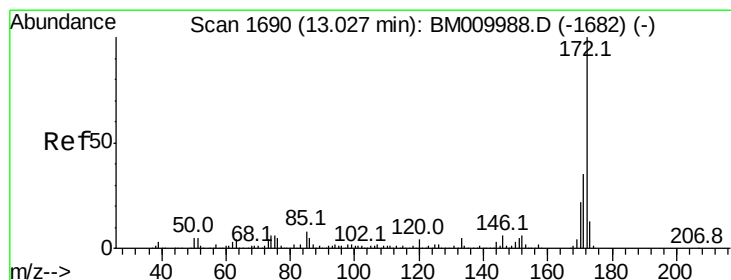
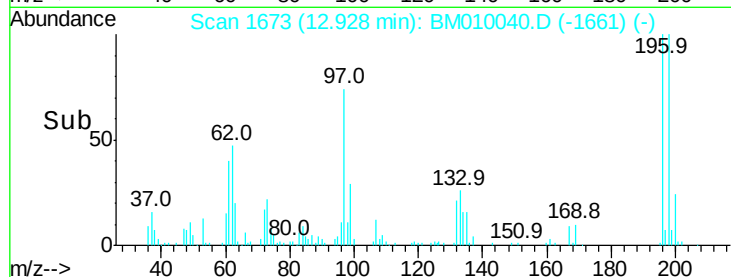
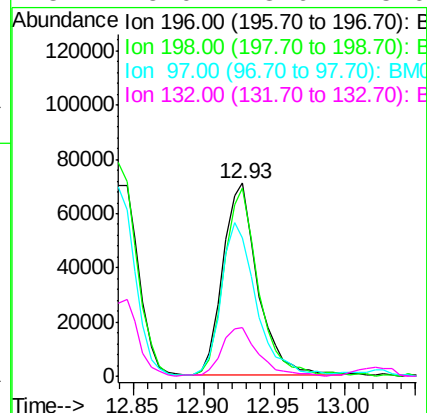
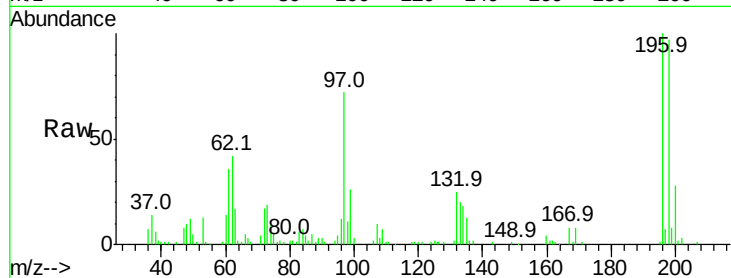




#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

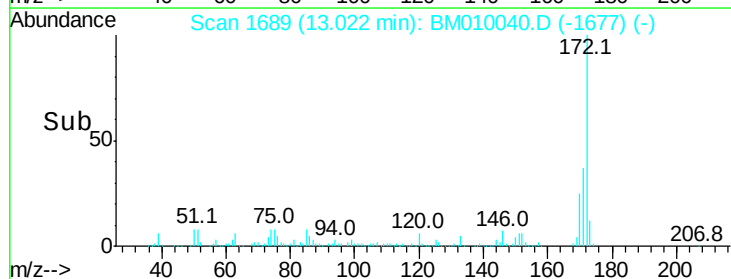
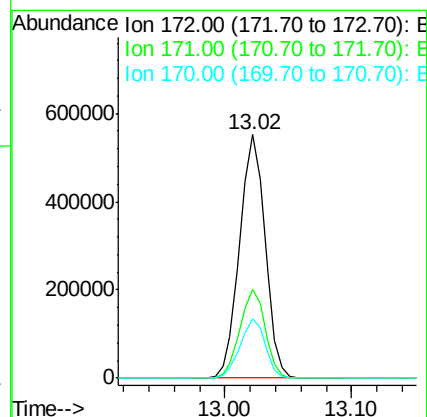
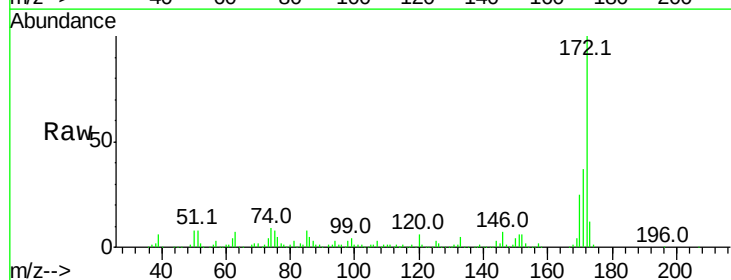
Instrument :
 BNA_M
 ClientSampleId :

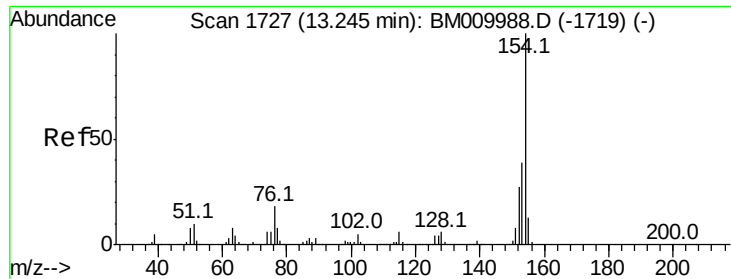
Tot Ion:	196	Resp:	122065
Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.4	119.0
97	71.9	26.8	40.2
132	25.0	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion:	172	Resp:	766863
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.6	18.8	28.2

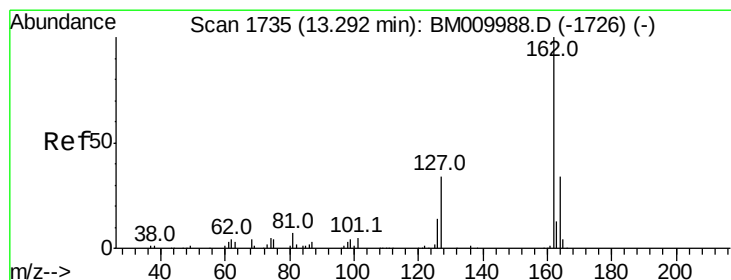
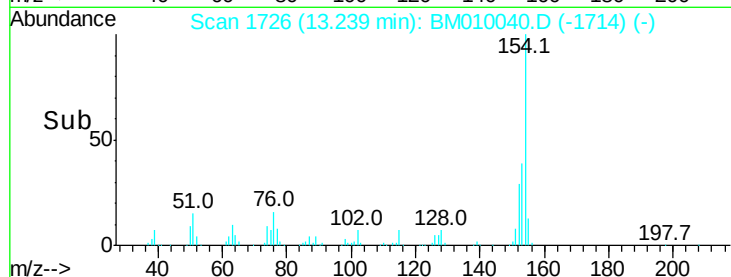
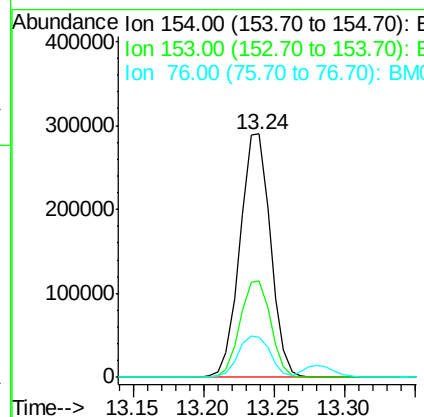
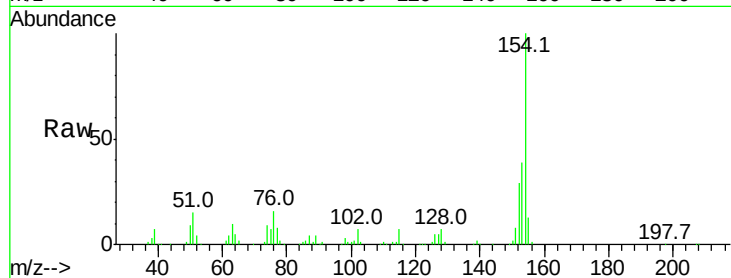




#45
 1,1'-Biphenyl
 Concen: 40.73 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

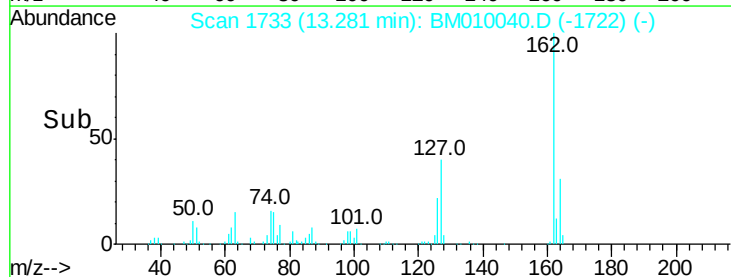
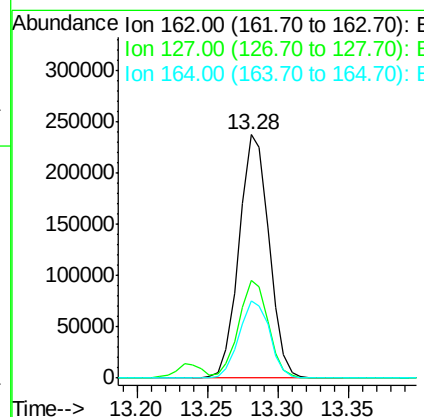
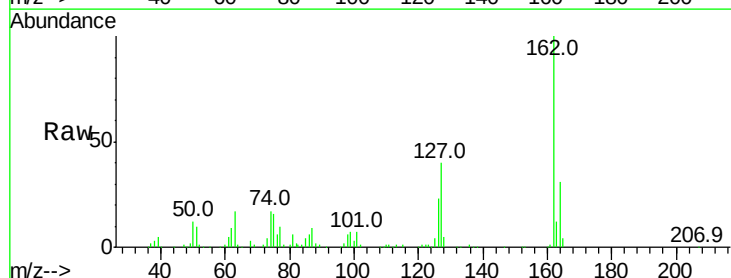
Instrument :
 BNA_M
 ClientSampleId :

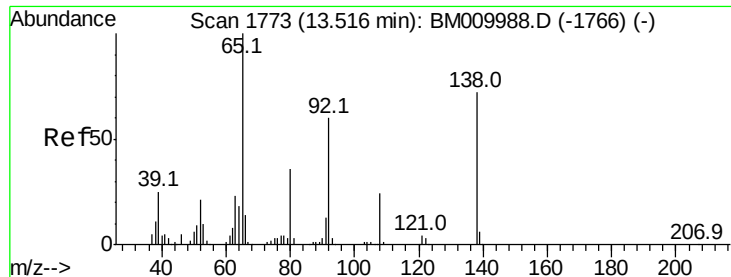
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.7	60.7
76	16.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 41.63 ng
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3#
164	31.5	26.8	40.2





#47

2-Nitroaniline

Concen: 50.42 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

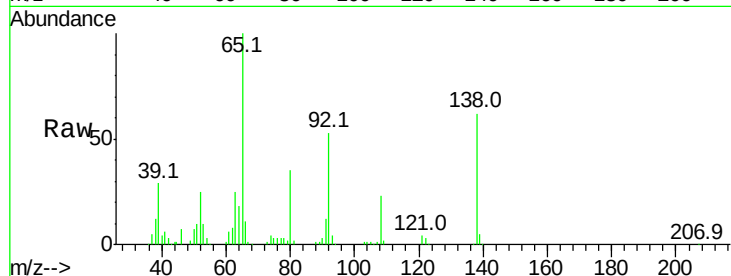
Tot Ion: 65 Resp: 192847

Ion Ratio Lower Upper

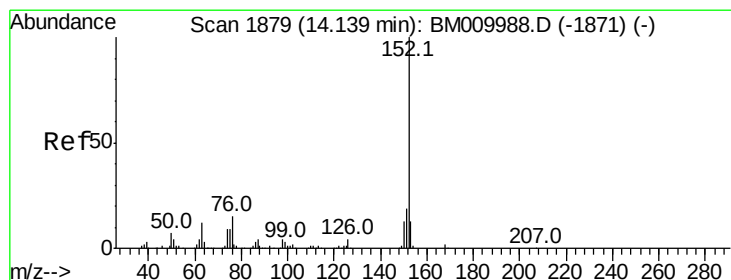
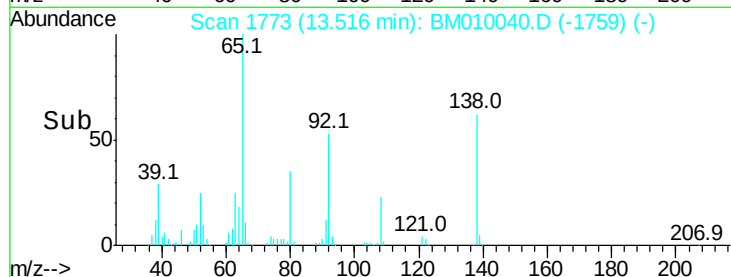
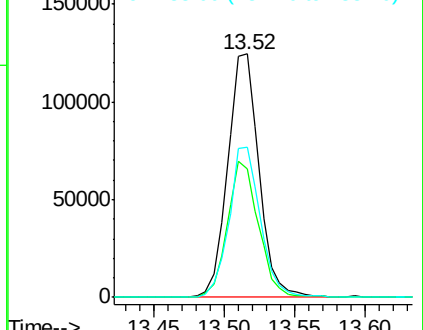
65 100

92 52.9 59.1 88.7#

138 61.8 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.02 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

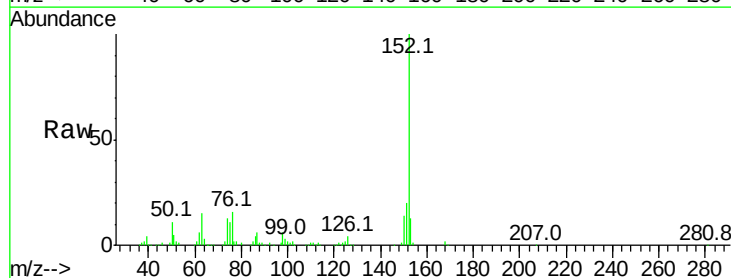
Tgt Ion: 152 Resp: 559022

Ion Ratio Lower Upper

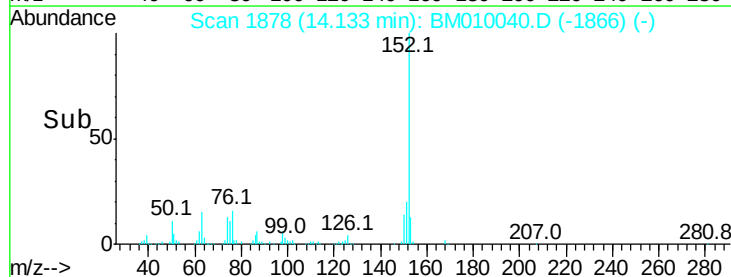
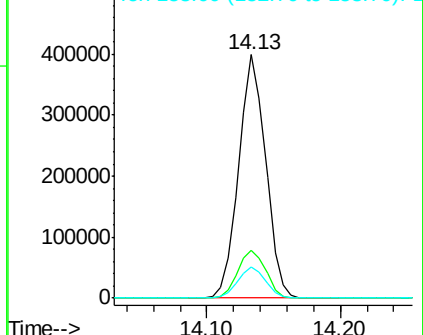
152 100

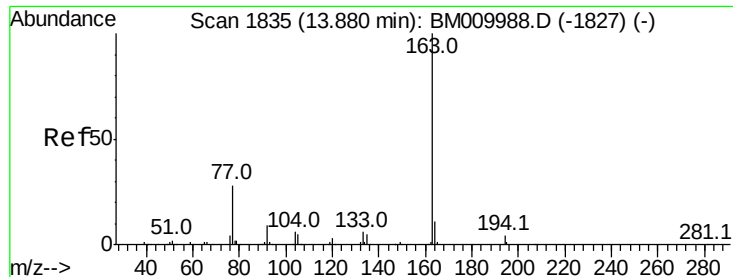
151 19.7 15.9 23.9

153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

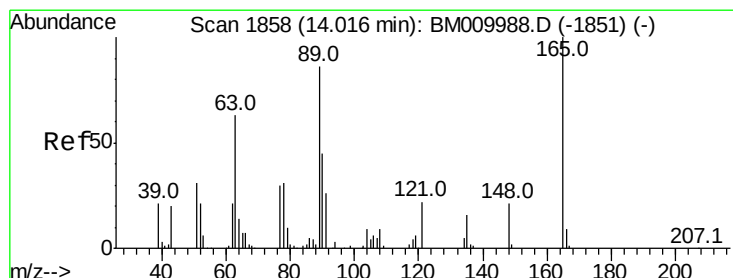
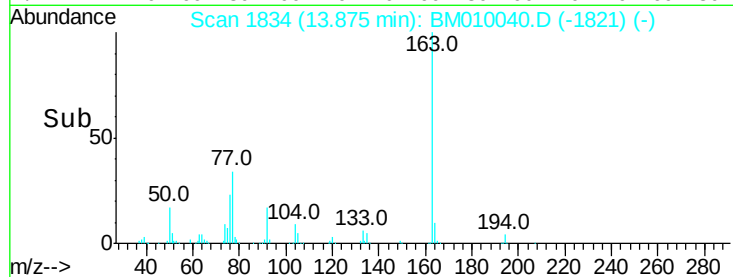
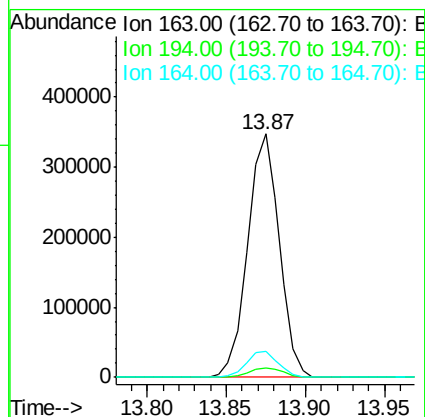
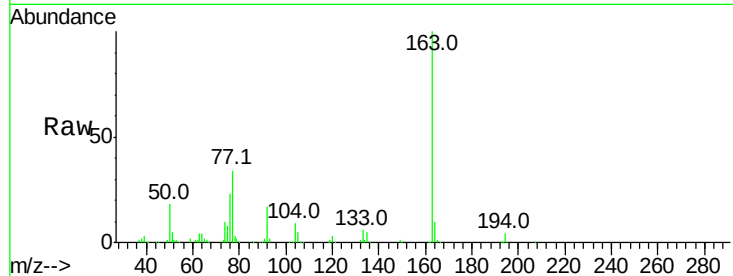




#49
Dimethylphthalate
Concen: 42.18 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

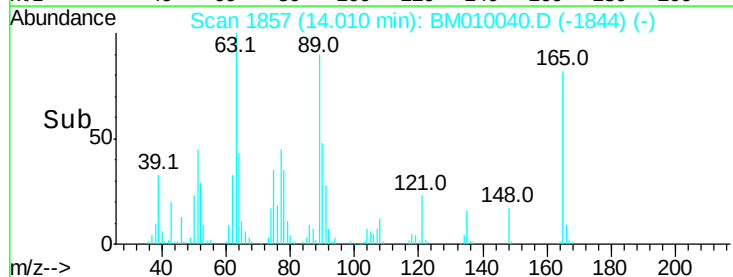
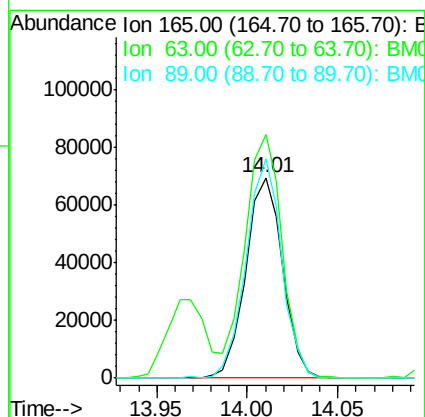
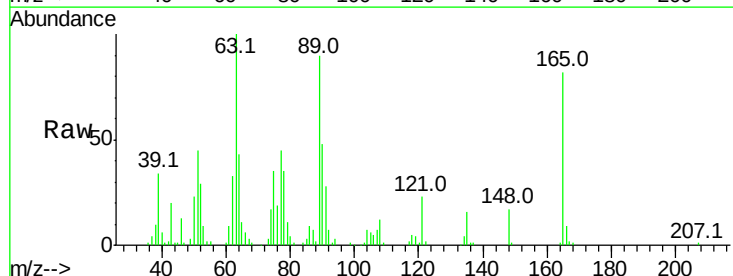
Instrument :
BNA_M
ClientSampleId :

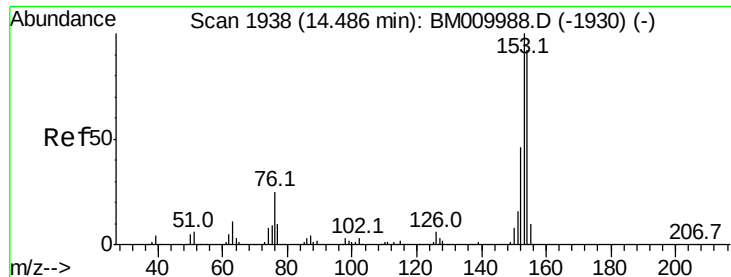
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 42.46 ng
RT: 14.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	121.6	44.1	66.1#
89	109.7	44.3	66.5#





#51

Acenaphthene

Concen: 40.85 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

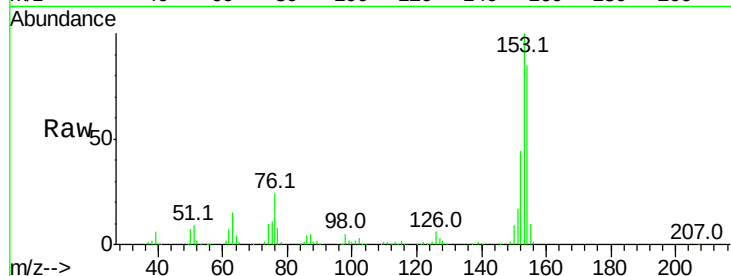
Tot Ion:154 Resp: 342479

Ion Ratio Lower Upper

154 100

153 117.3 90.0 135.0

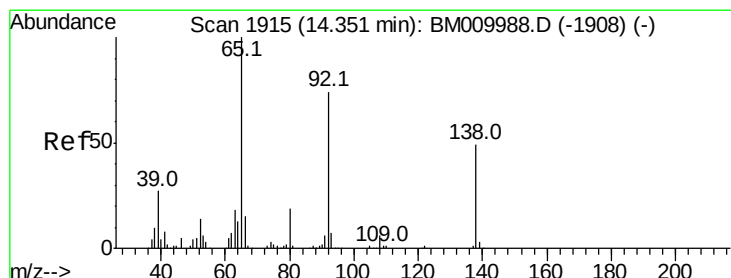
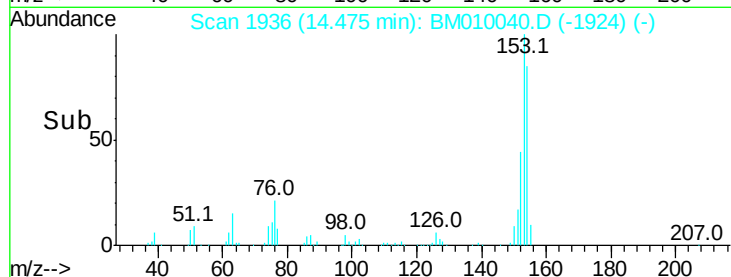
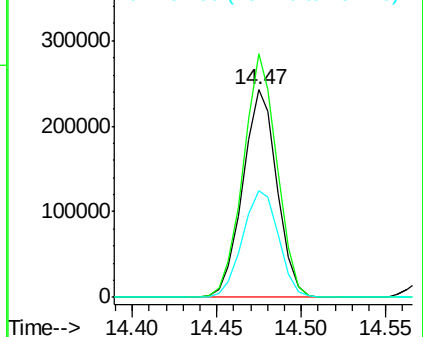
152 51.4 42.6 63.8



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: 44.95 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

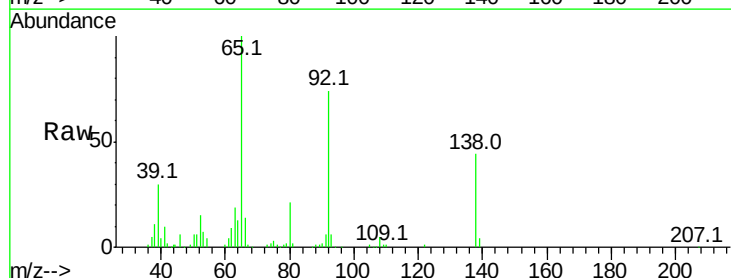
Tgt Ion:138 Resp: 110173

Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

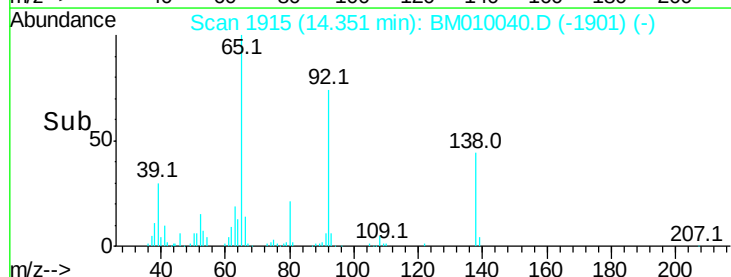
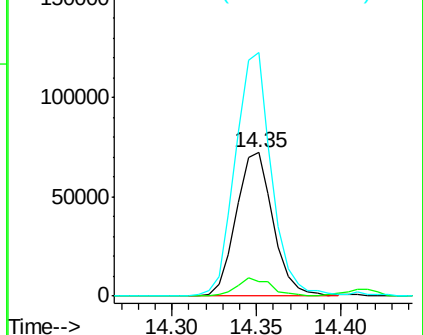
92 170.0 76.6 114.8#

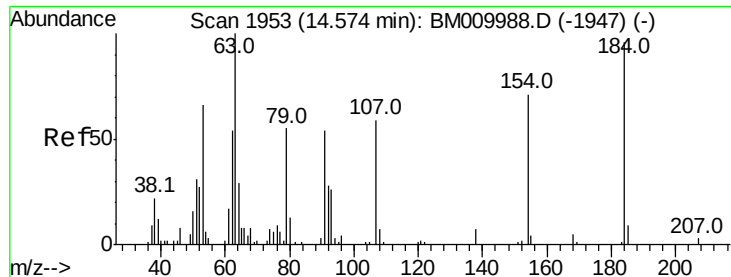


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 36.38 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

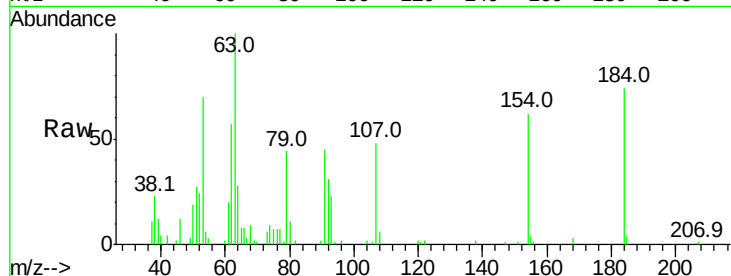
Tot Ion:184 Resp: 42329

Ion Ratio Lower Upper

184 100

63 135.3 69.2 103.8#

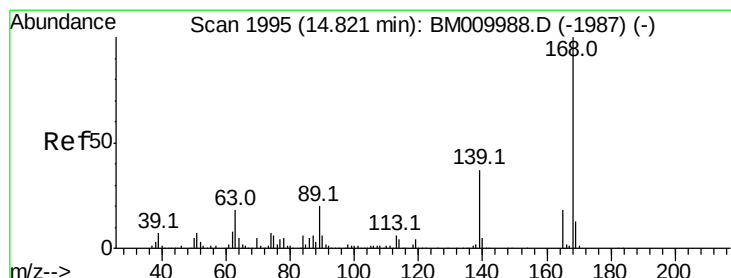
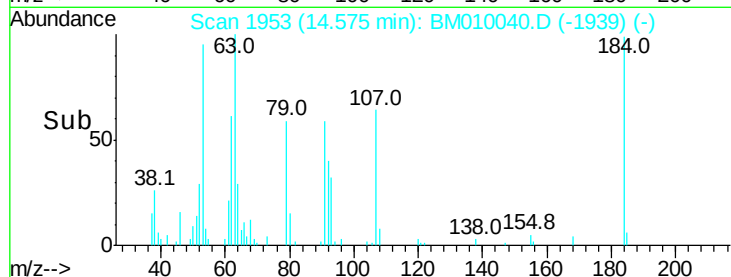
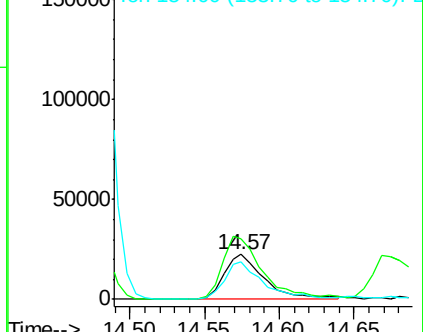
154 84.1 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.65 ng

RT: 14.81 min Scan# 1993

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

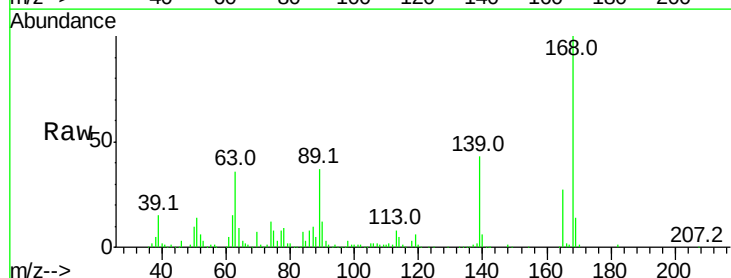
Tgt Ion:168 Resp: 522135

Ion Ratio Lower Upper

168 100

139 42.6 27.3 40.9#

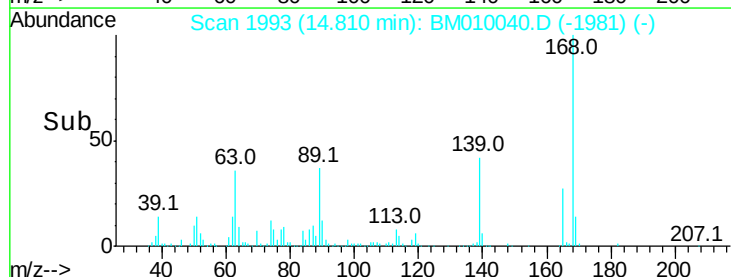
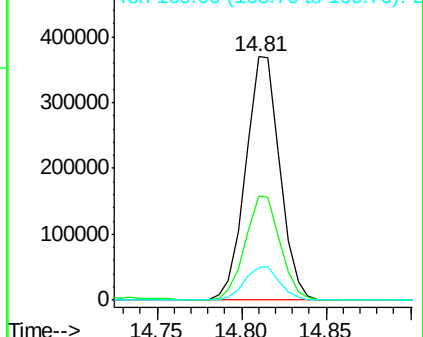
169 13.5 10.6 16.0

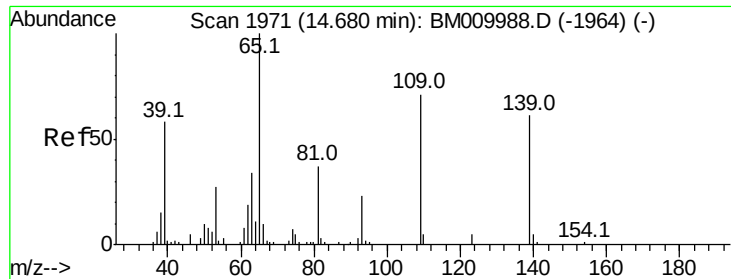


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

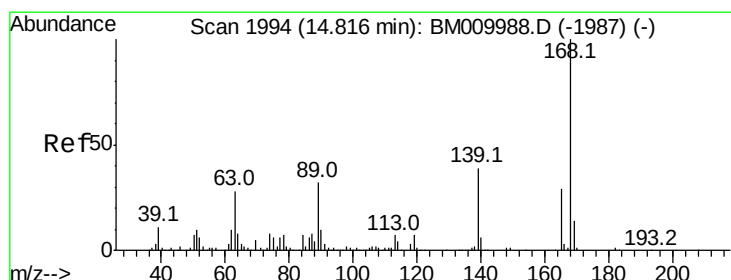
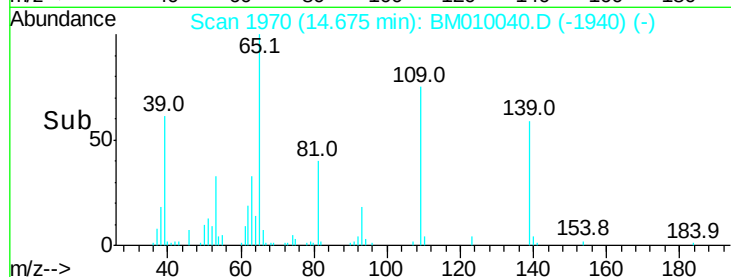
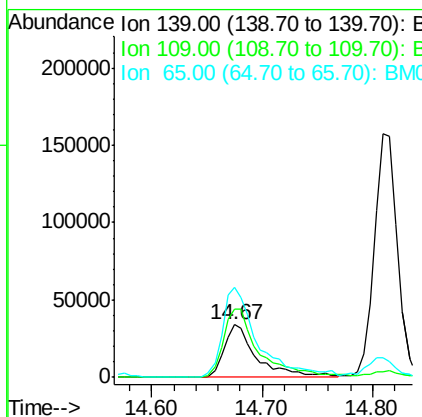
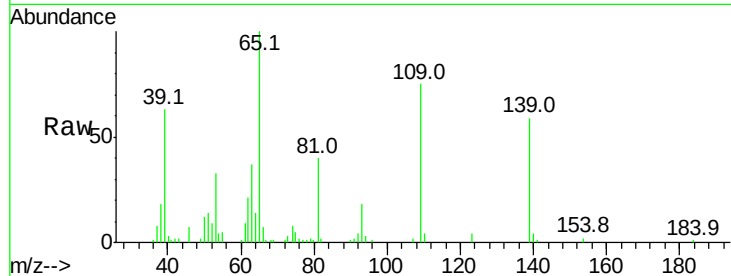




#55
4-Nitrophenol
Concen: 43.06 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

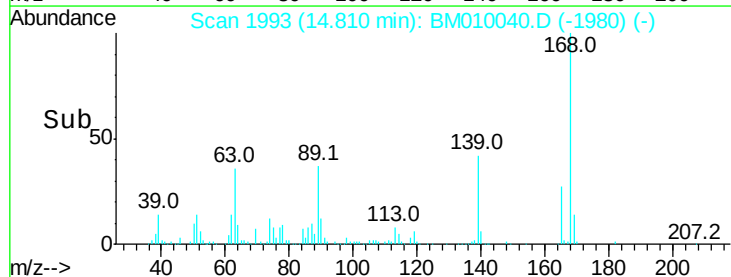
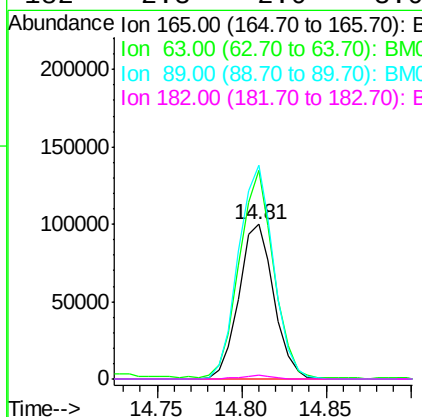
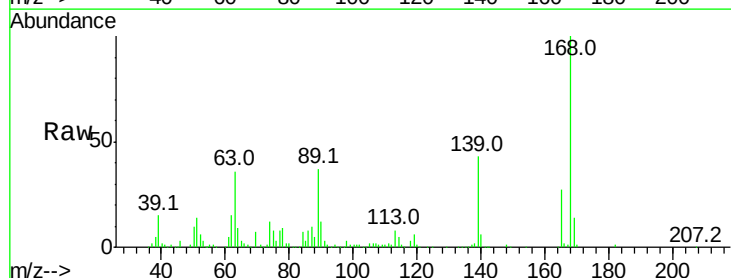
Instrument :
BNA_M
ClientSampleId :

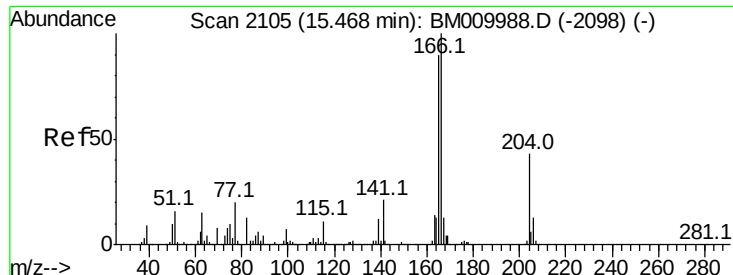
Tot Ion:139 Resp: 70666
Ion Ratio Lower Upper
139 100
109 128.6 37.7 77.7#
65 170.6 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 42.07 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion:165 Resp: 143617
Ion Ratio Lower Upper
165 100
63 134.8 52.4 78.6#
89 138.3 72.4 108.6#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 41.77 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

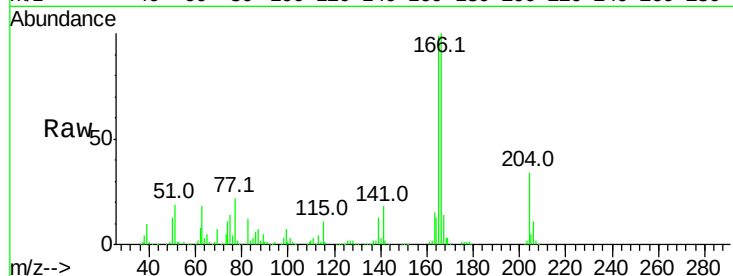
Tot Ion:166 Resp: 473094

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.4

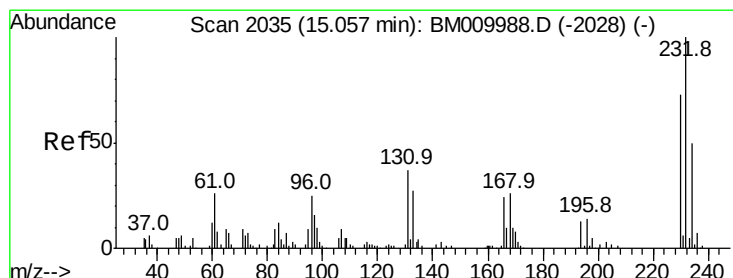
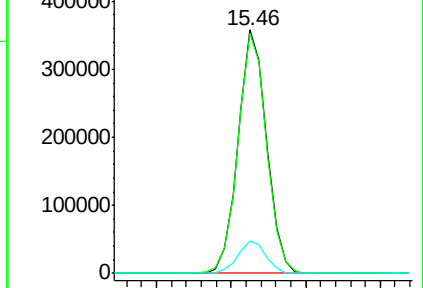
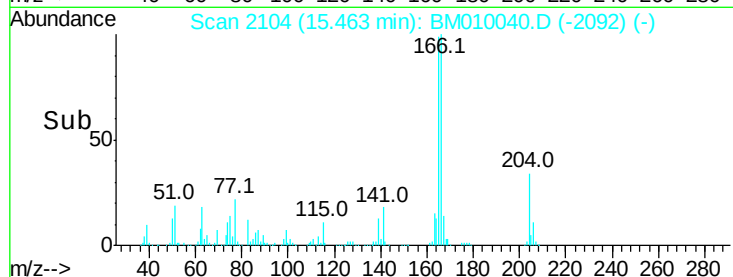
167 13.5 10.3 15.5



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: 38.90 ng

RT: 15.05 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Tgt Ion:232 Resp: 105686

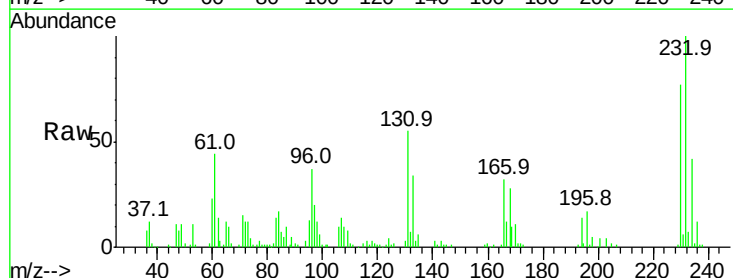
Ion Ratio Lower Upper

232 100

131 53.7 0.0 0.0#

130 3.5 0.0 0.0#

166 33.4 0.0 0.0#

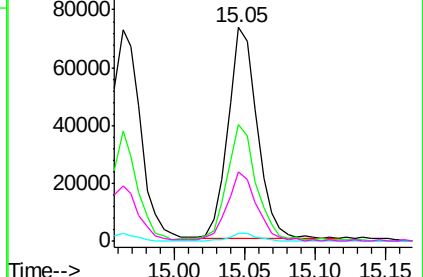
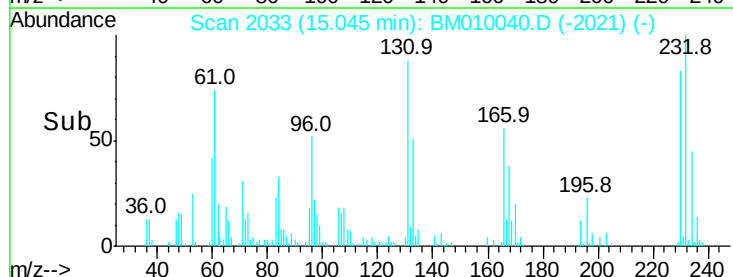


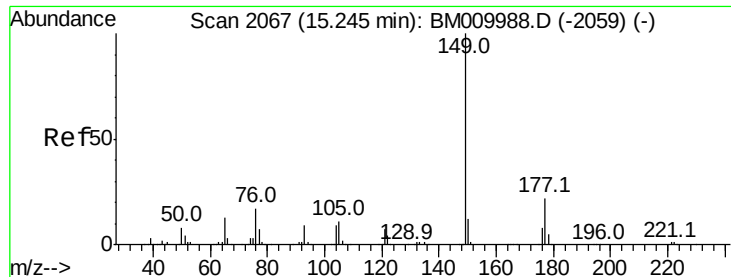
Abundance Ion 232.00 (231.70 to 232.70): E

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

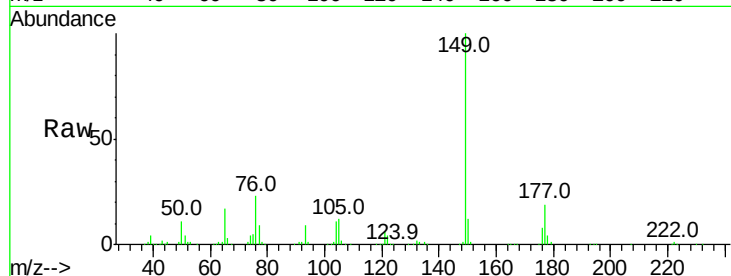




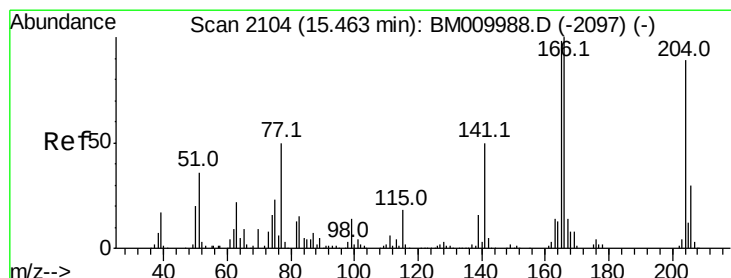
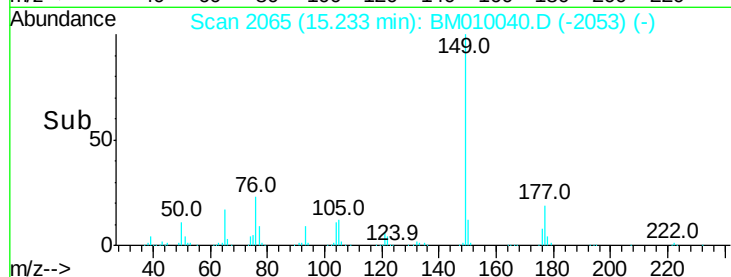
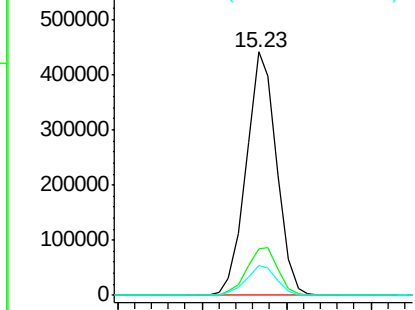
#59
Diethylphthalate
Concen: 46.12 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.1	18.3	27.5
150	12.1	9.8	14.8

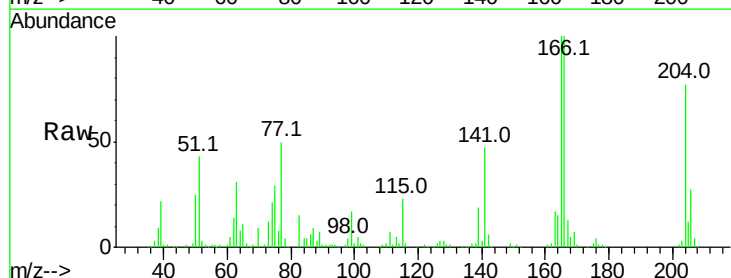


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

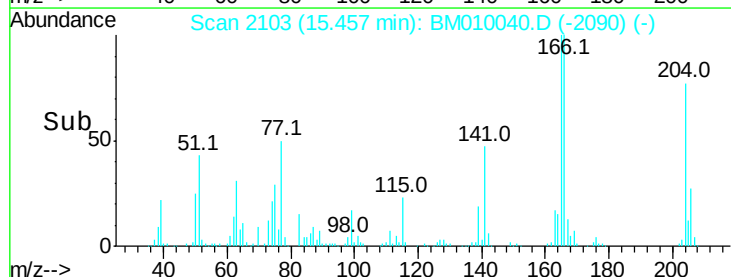
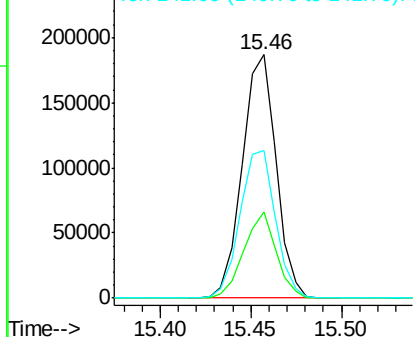


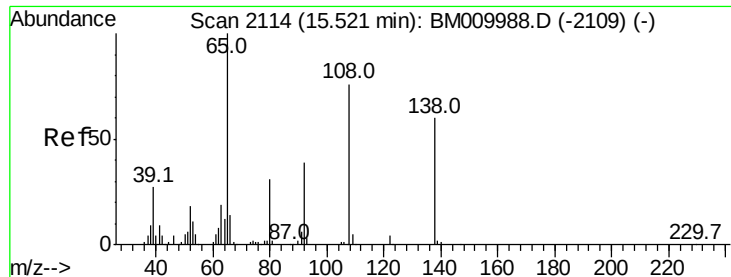
#60
4-Chlorophenyl-phenylether
Concen: 39.19 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	26.6	39.8
141	60.8	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

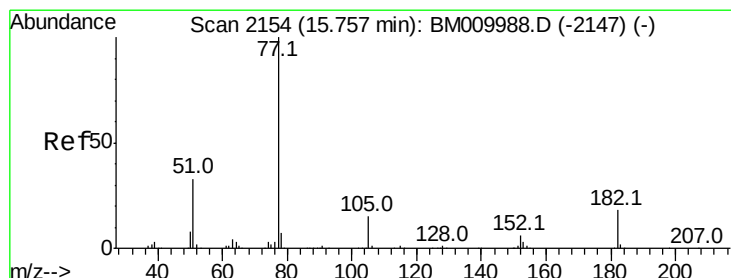
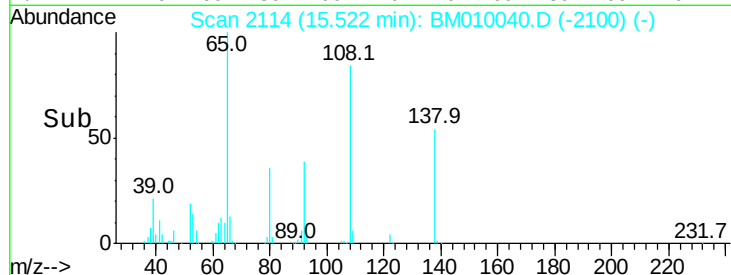
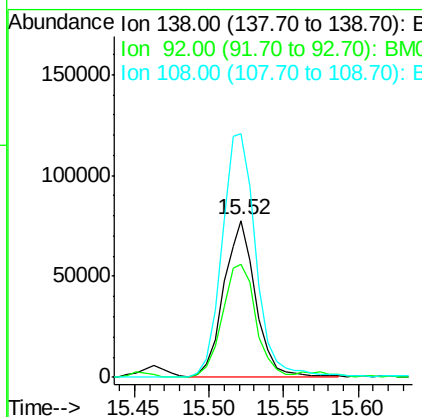
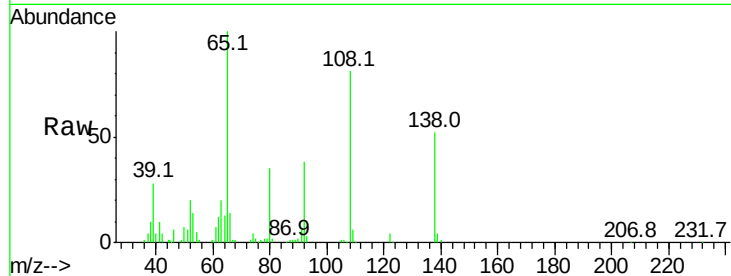




#61
4-Nitroaniline
Concen: 46.93 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

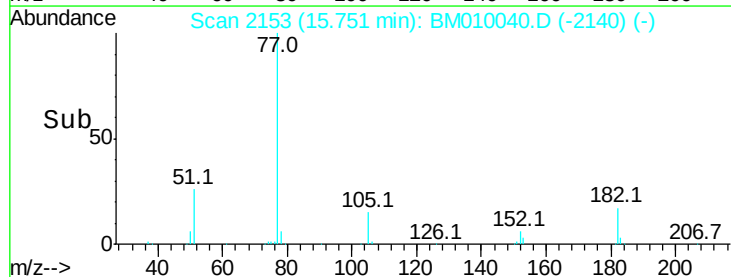
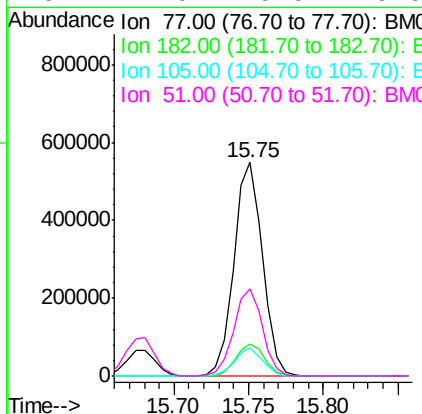
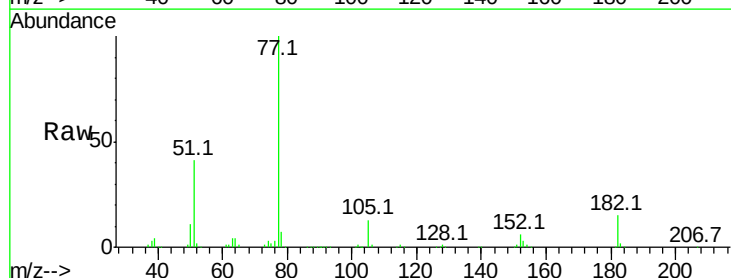
Instrument :
BNA_M
ClientSampleId :

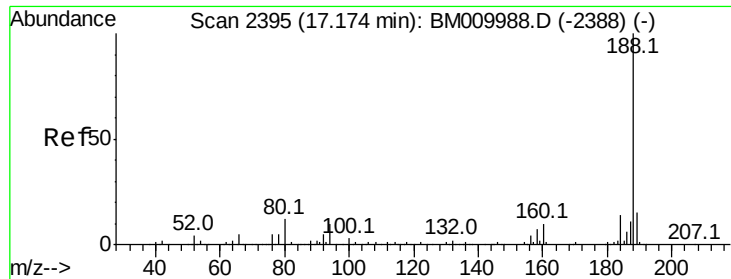
Tot Ion:138 Resp: 117182
Ion Ratio Lower Upper
138 100
92 72.1 16.7 56.7#
108 155.1 37.6 77.6#



#62
Azobenzene
Concen: 50.45 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion: 77 Resp: 731872
Ion Ratio Lower Upper
77 100
182 15.2 6.5 46.5
105 13.0 3.8 43.8
51 41.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

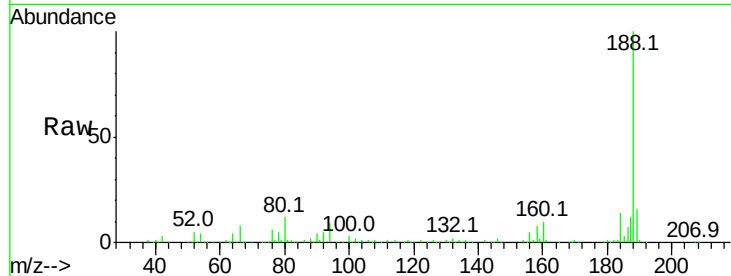
Tot Ion:188 Resp: 339861

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

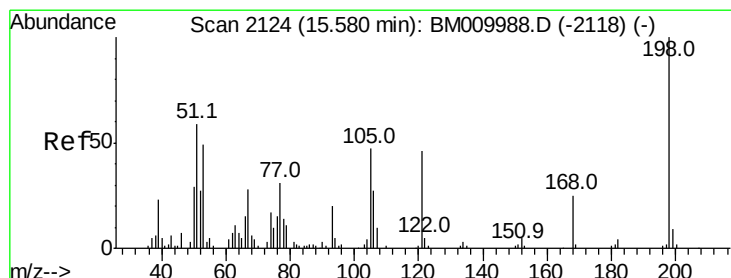
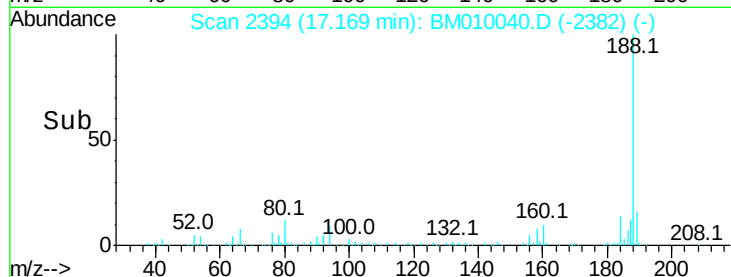
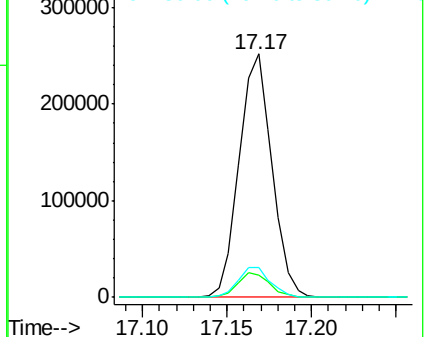
80 12.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.44 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

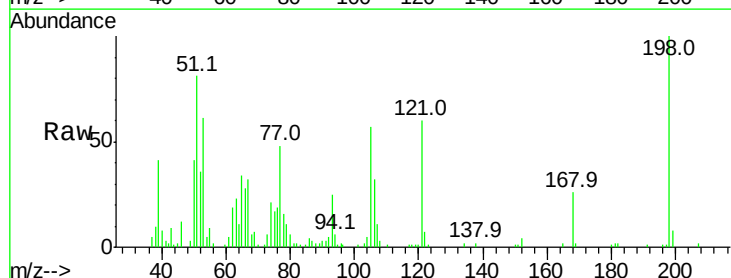
Tgt Ion:198 Resp: 80166

Ion Ratio Lower Upper

198 100

51 80.8 28.8 68.8#

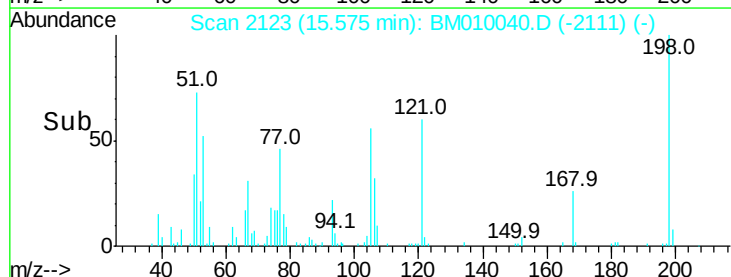
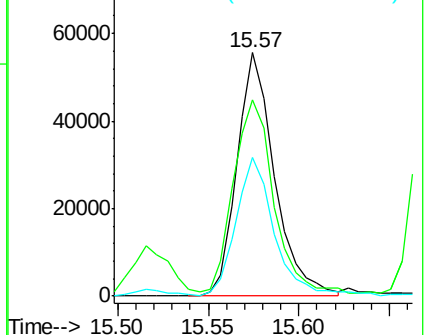
105 57.1 30.5 70.5

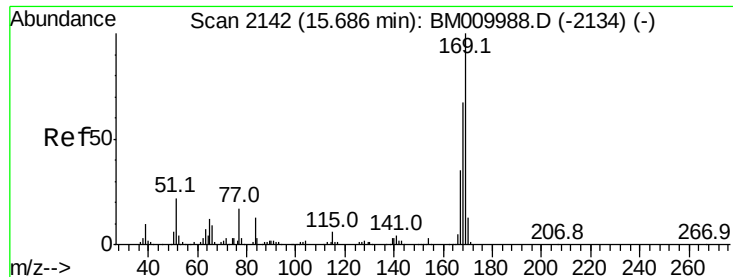


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

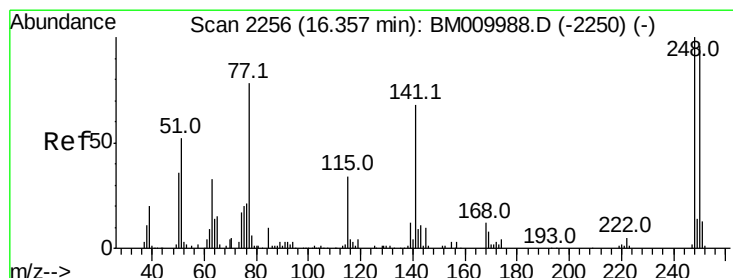
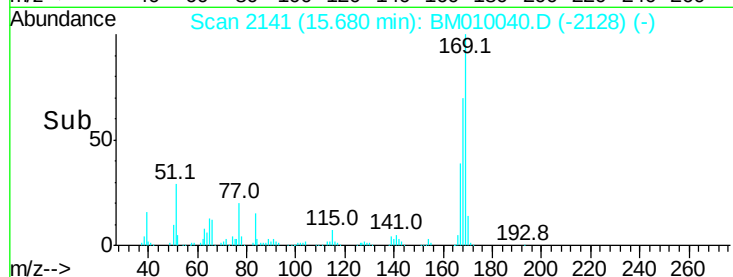
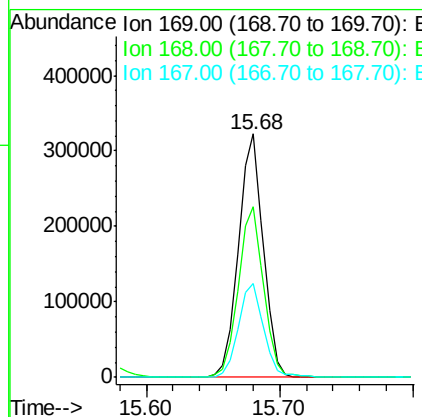
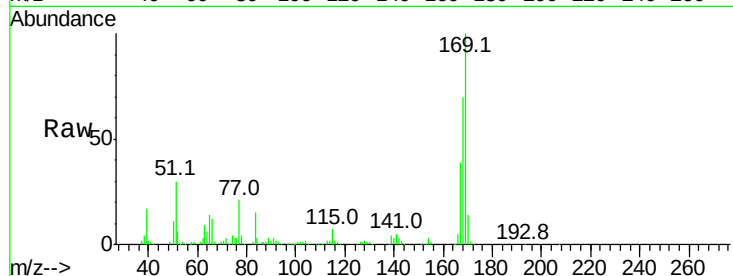




#65
n-Nitrosodiphenylamine
Concen: 39.29 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

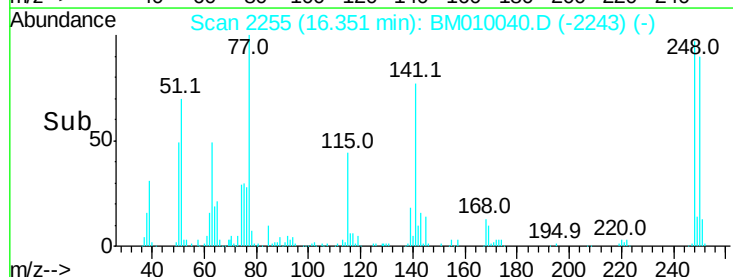
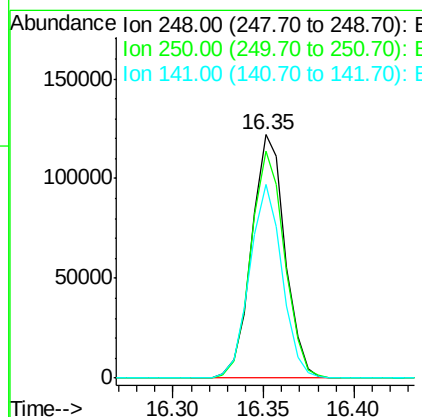
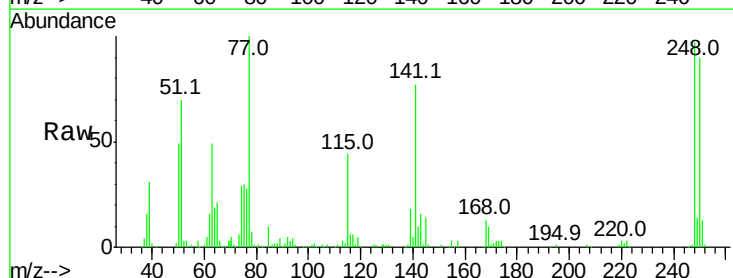
Instrument :
BNA_M
ClientSampleId :

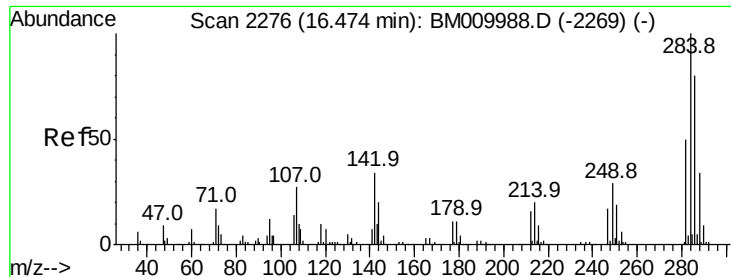
Tot Ion:169 Resp: 414424
Ion Ratio Lower Upper
169 100
168 70.3 53.9 80.9
167 38.5 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 38.56 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BM010040.D
Acq: 15 May 2017 14:40

Tgt Ion:248 Resp: 155639
Ion Ratio Lower Upper
248 100
250 93.0 77.4 116.0
141 79.7 45.2 67.8#





#67

Hexachlorobenzene

Concen: 37.63 ng

RT: 16.47 min Scan# 2275

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

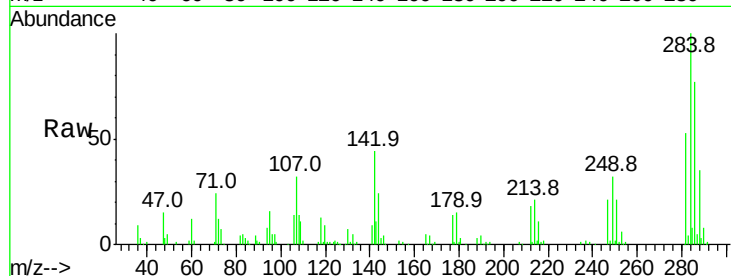
Tot Ion:284 Resp: 168581

Ion Ratio Lower Upper

284 100

142 43.7 20.4 30.6#

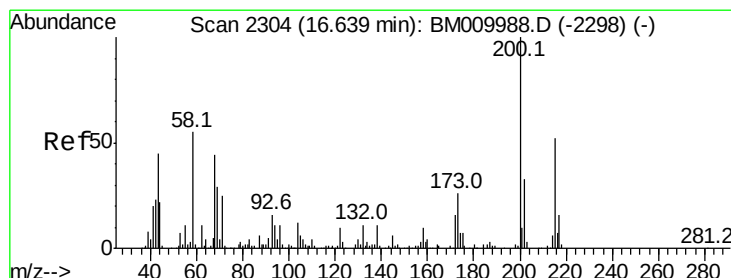
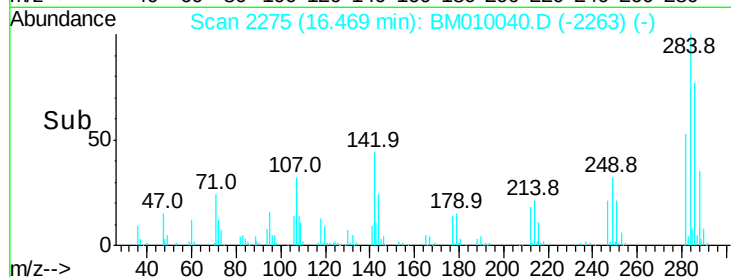
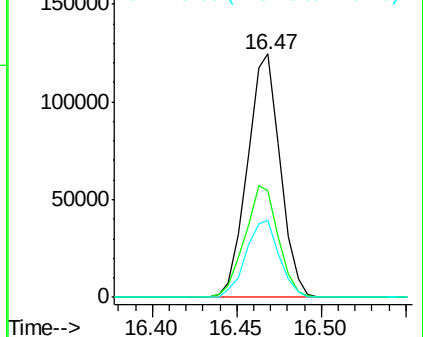
249 31.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.52 ng

RT: 16.63 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

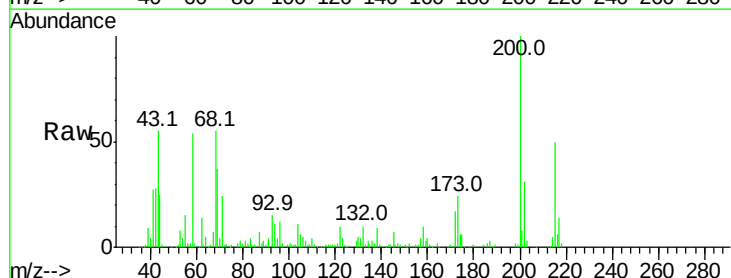
Tgt Ion:200 Resp: 163887

Ion Ratio Lower Upper

200 100

173 23.7 4.8 44.8

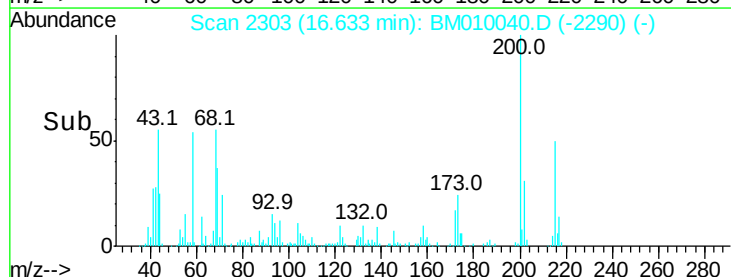
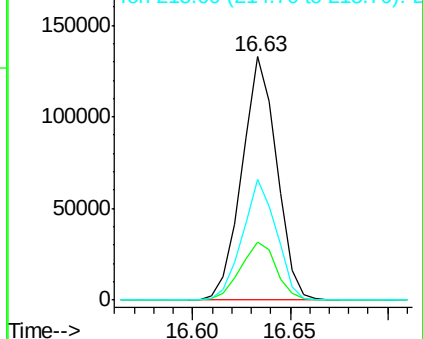
215 49.5 26.9 66.9

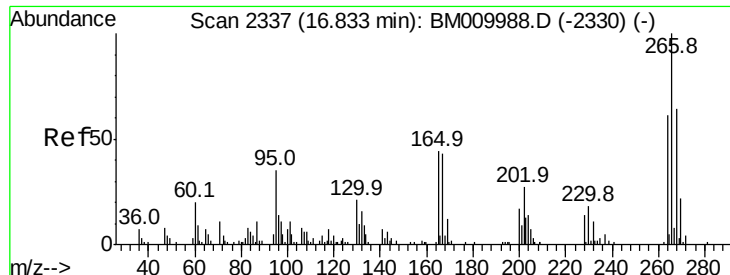


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.70 ng

RT: 16.82 min Scan# 2335

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

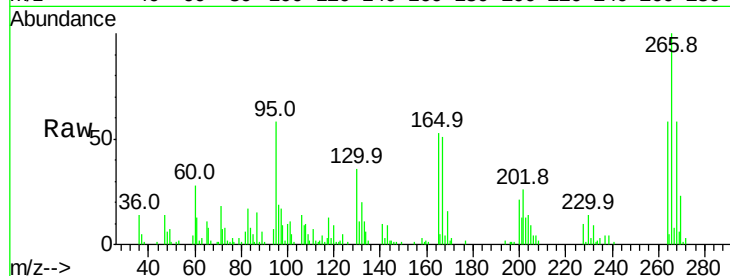
Tot Ion:266 Resp: 77322

Ion Ratio Lower Upper

266 100

268 58.0 52.0 78.0

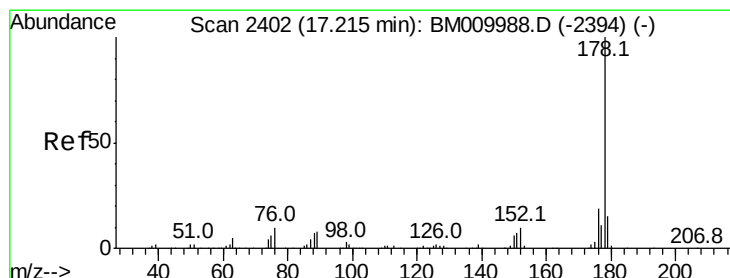
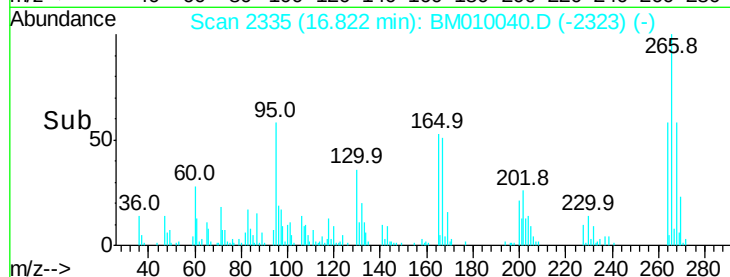
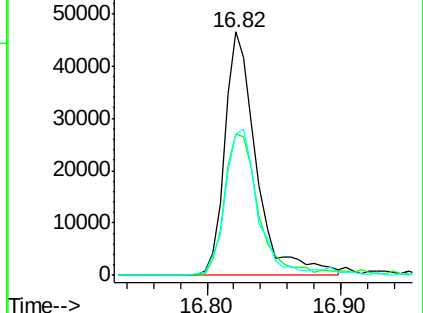
264 63.0 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.86 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

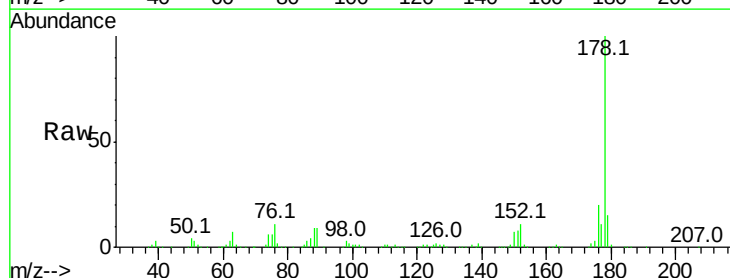
Tgt Ion:178 Resp: 777627

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

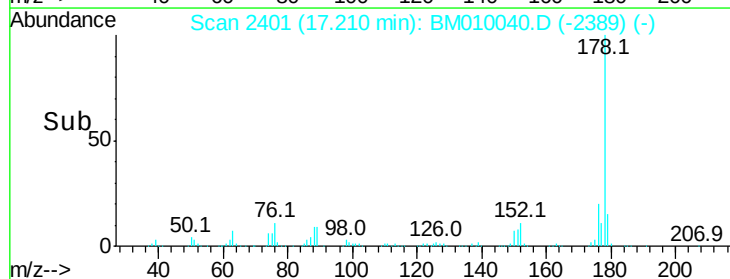
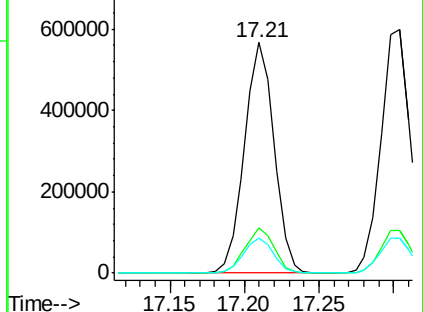
179 15.1 12.1 18.1

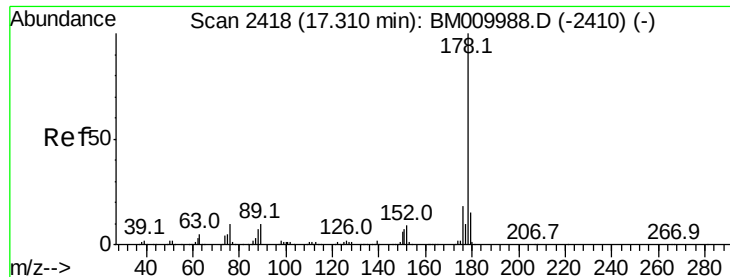


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

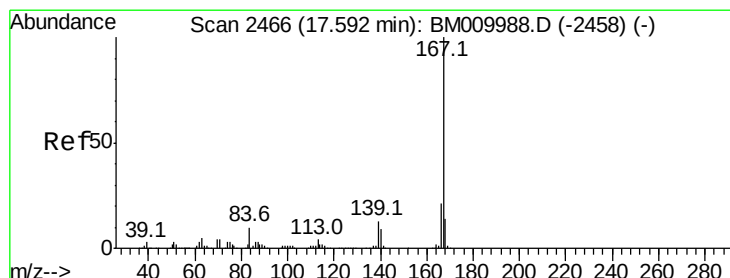
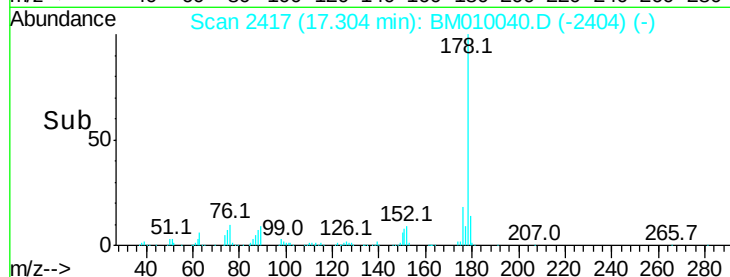
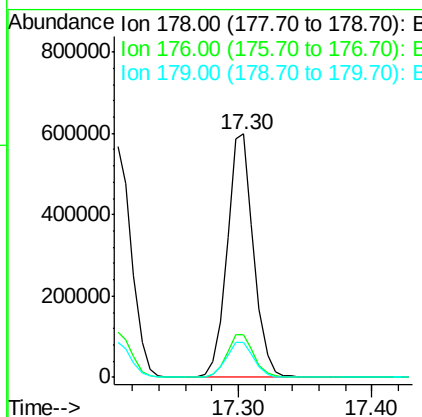
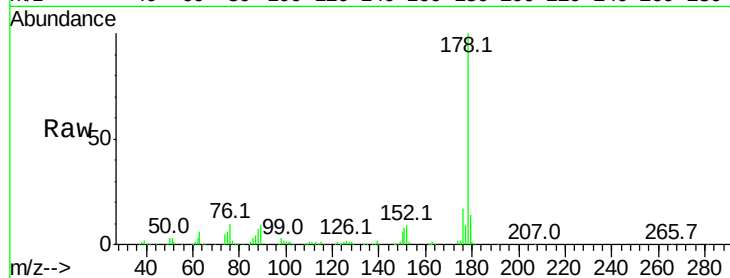




#71
 Anthracene
 Concen: 41.37 ng
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

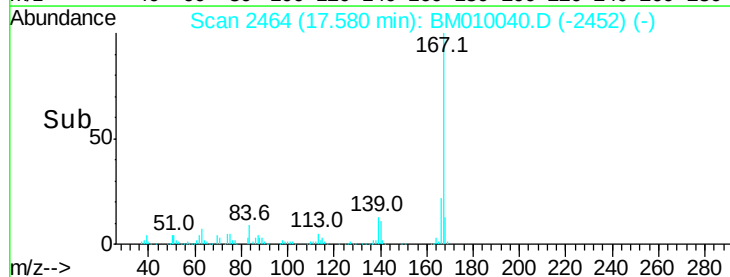
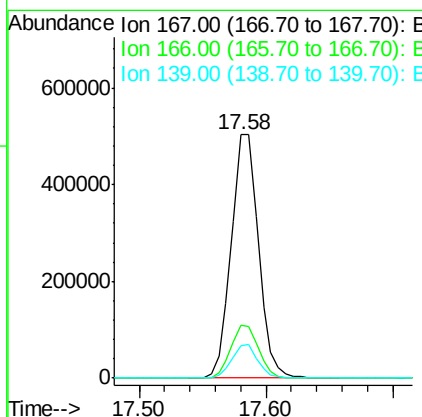
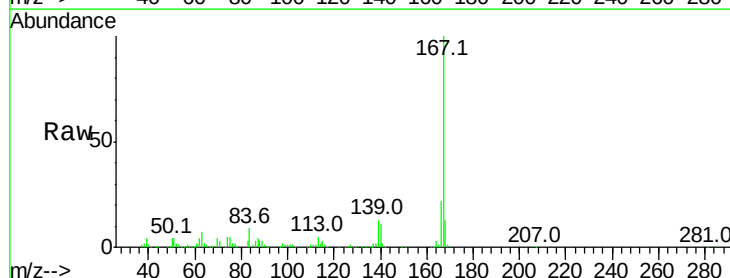
Instrument :
 BNA_M
 ClientSampleId :

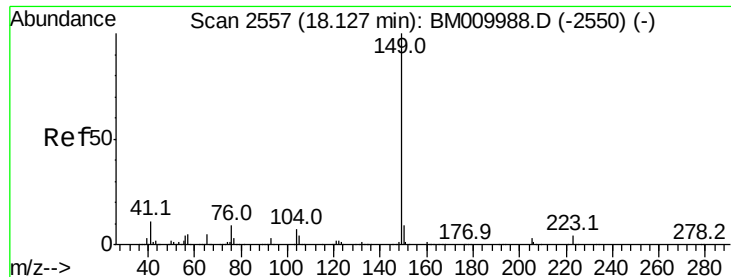
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	14.1	12.6	19.0



#72
 Carbazole
 Concen: 41.97 ng
 RT: 17.58 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 45.42 ng

RT: 18.12 min Scan# 2556

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

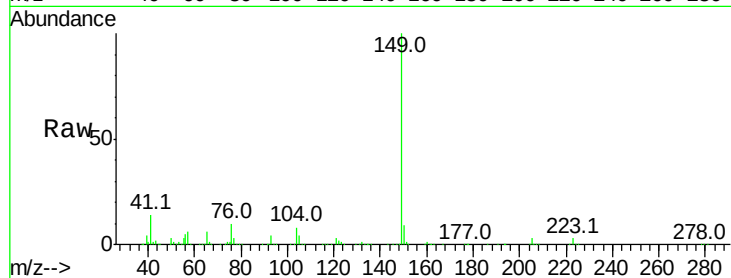
Tot Ion:149 Resp: 1025825

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

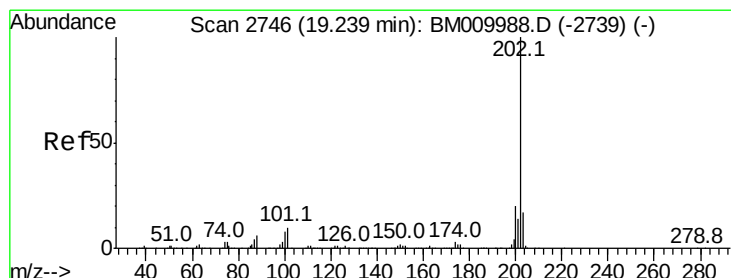
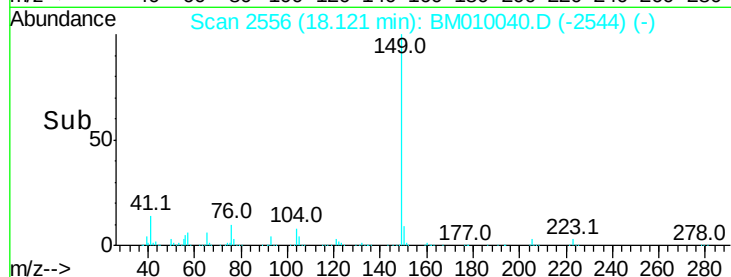
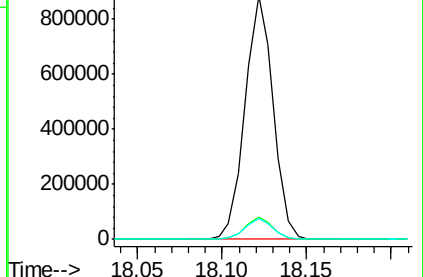
104 8.5 3.7 5.5#



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: 41.59 ng

RT: 19.23 min Scan# 2745

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

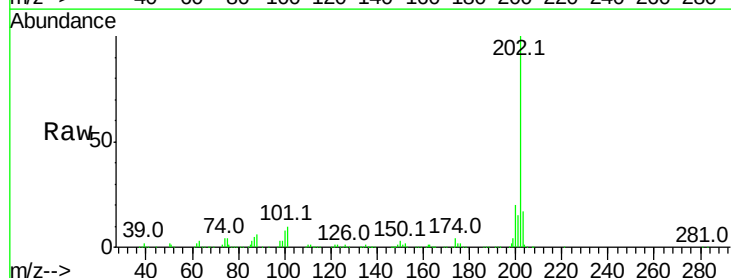
Tgt Ion:202 Resp: 1040819

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.7

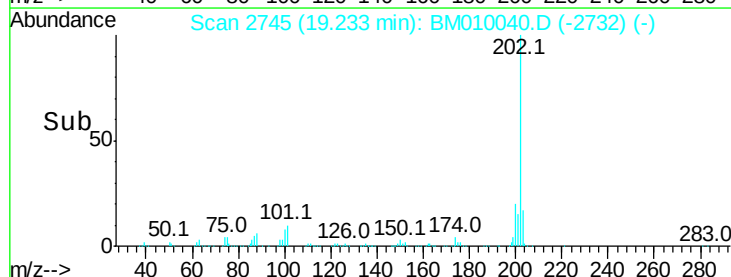
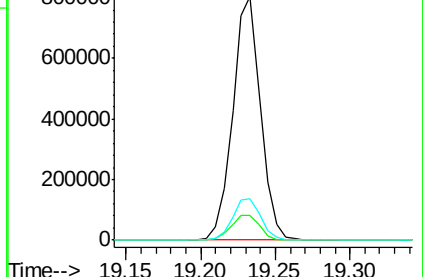
203 16.8 0.0 37.2

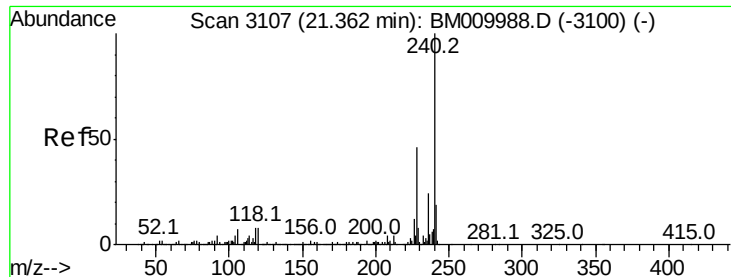


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampled :

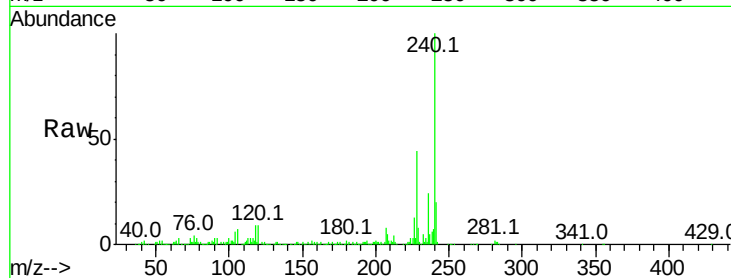
Tot Ion:240 Resp: 484477

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

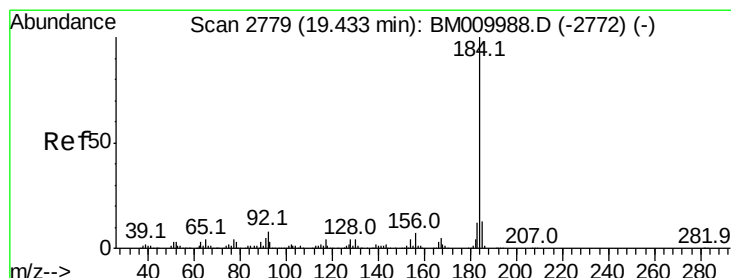
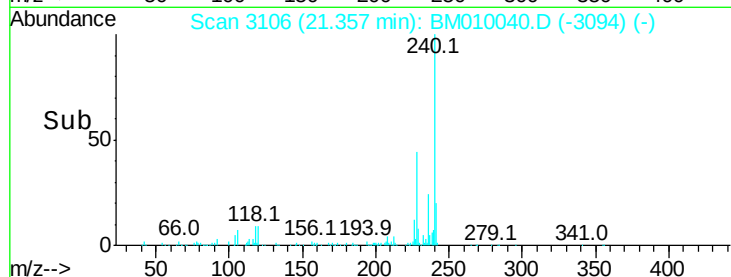
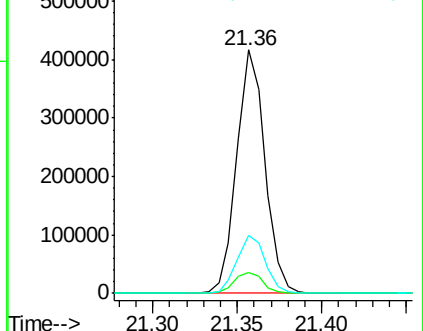
236 24.0 20.0 30.0



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: 37.44 ng

RT: 19.43 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

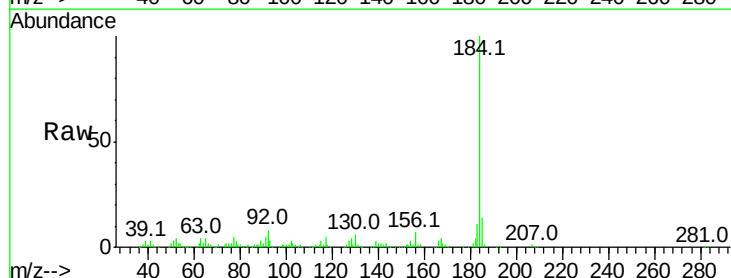
Tgt Ion:184 Resp: 453453

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

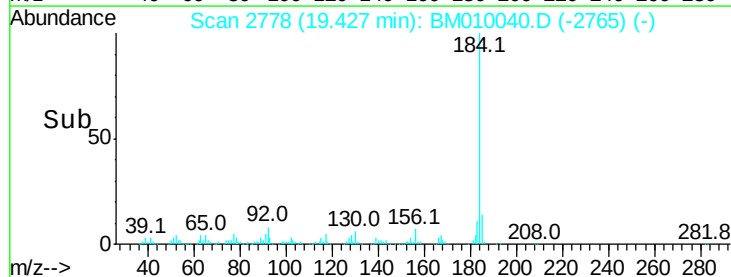
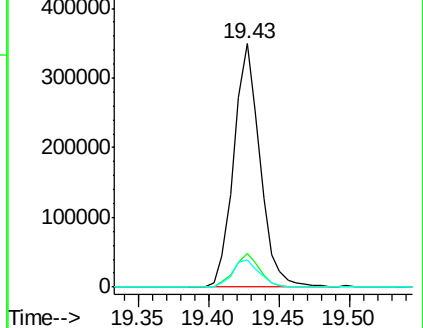
183 11.2 8.9 13.3

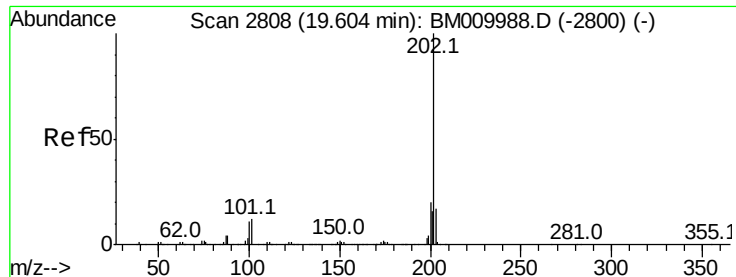


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.29 ng

RT: 19.60 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

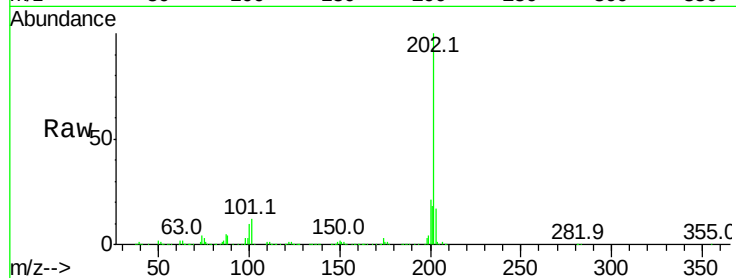
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 1132941

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.7	14.1	21.1

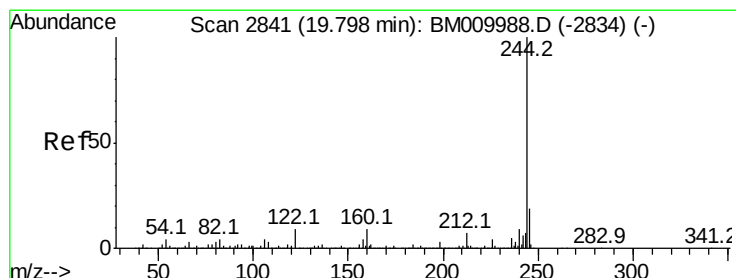
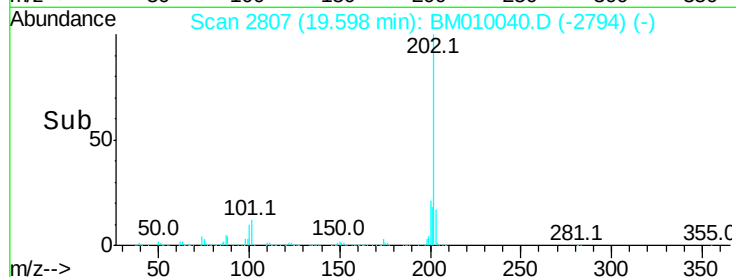
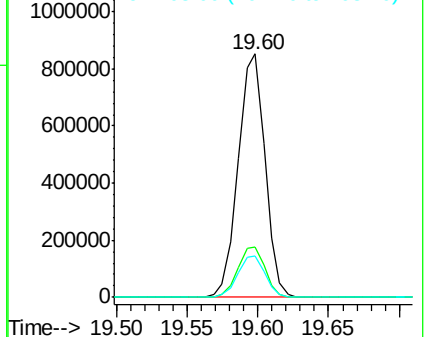


Abundance

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: 80.96 ng

RT: 19.79 min Scan# 2840

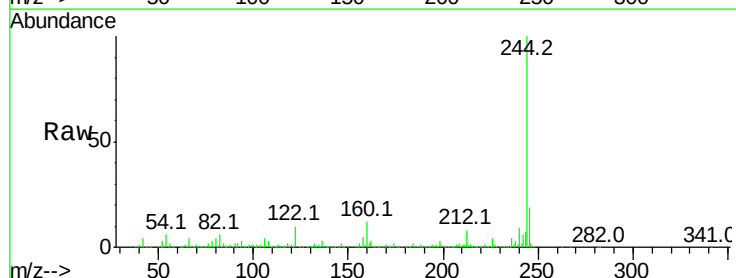
Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Tgt Ion:244 Resp: 1861013

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.8	6.2	9.4#

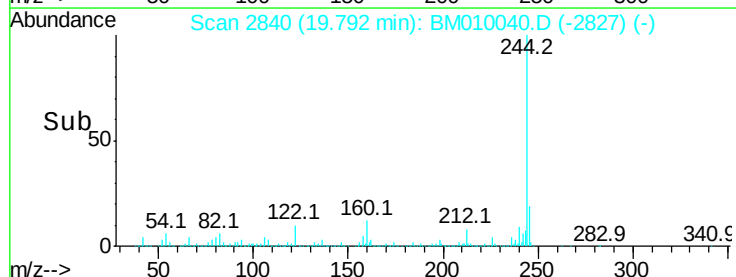
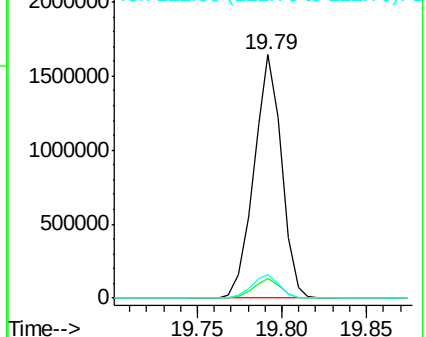


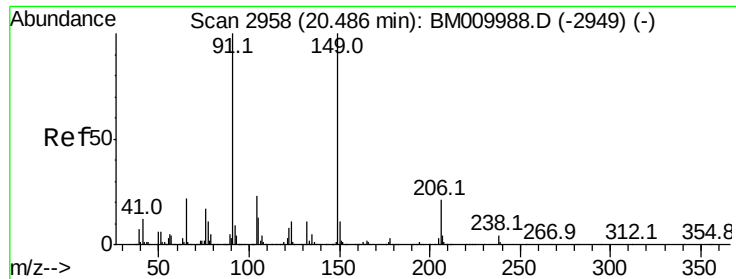
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.62 ng

RT: 20.49 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

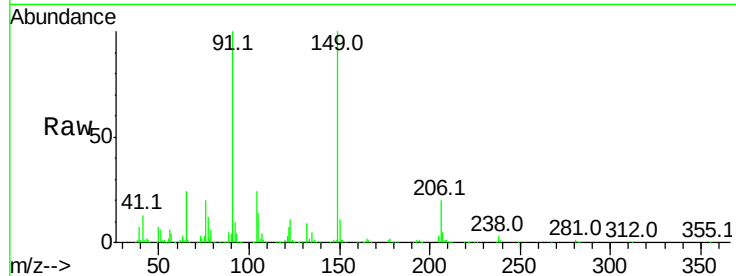
Tot Ion:149 Resp: 547657

Ion Ratio Lower Upper

149 100

91 100.0 50.1 75.1#

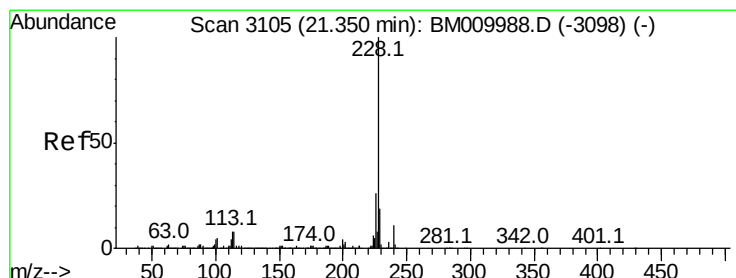
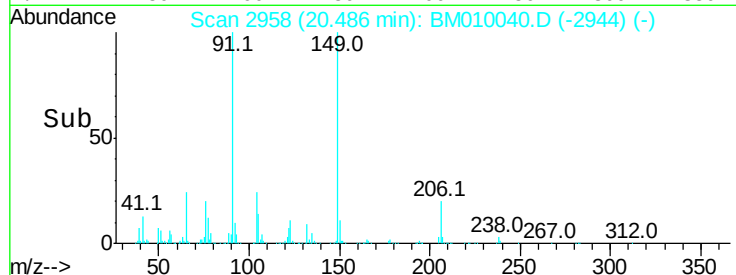
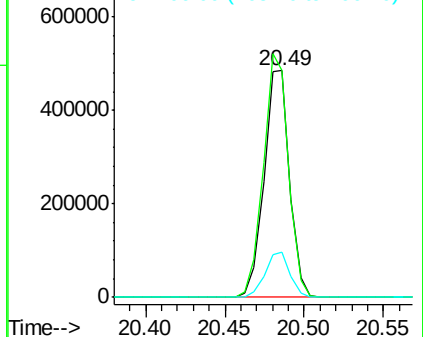
206 19.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.49 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

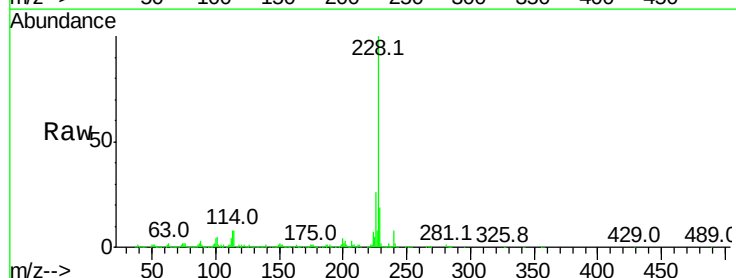
Tgt Ion:228 Resp: 1207806

Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

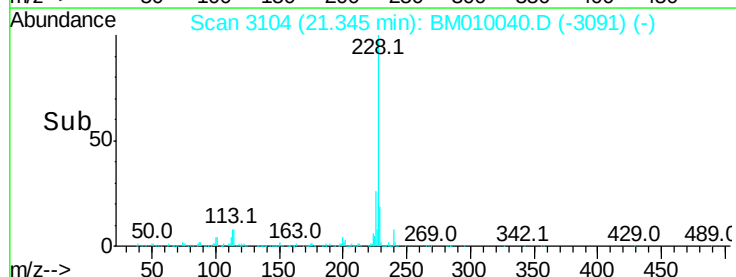
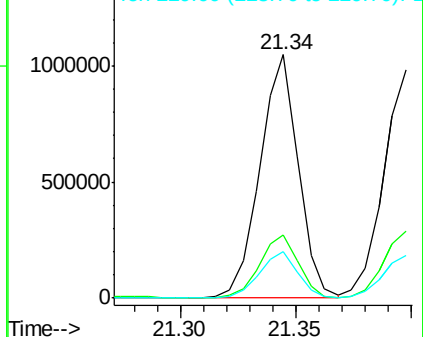
229 19.1 16.0 24.0

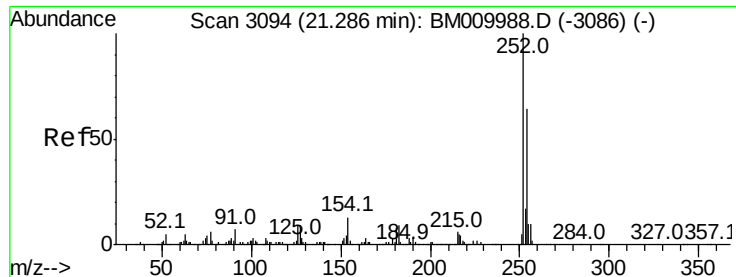


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

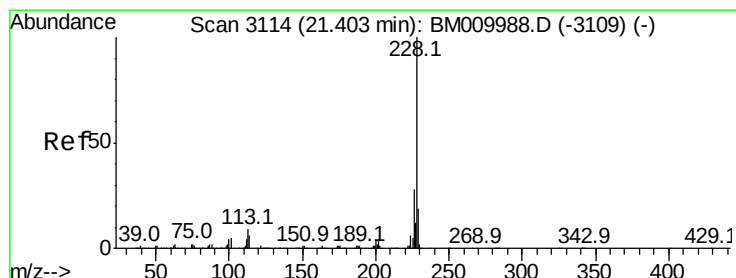
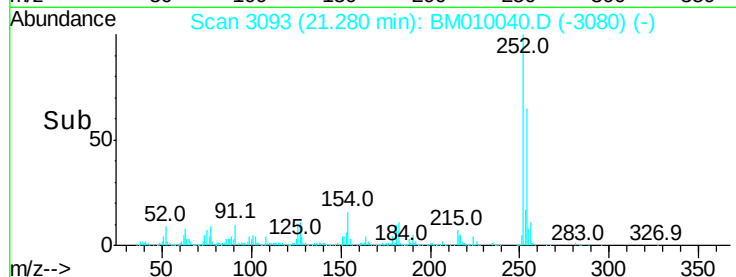
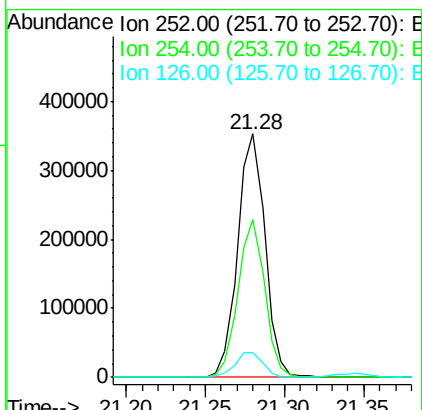
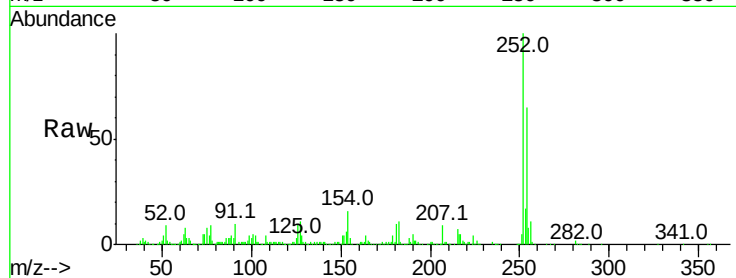




#81
 3,3'-Dichlorobenzidine
 Concen: 39.49 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

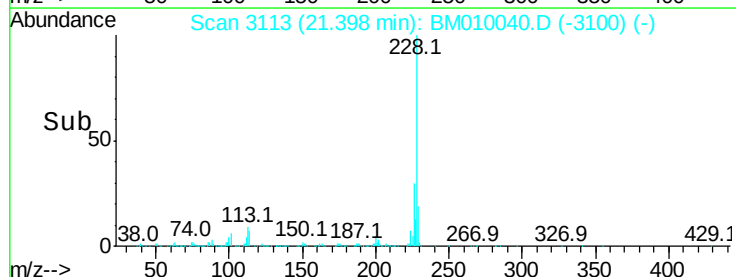
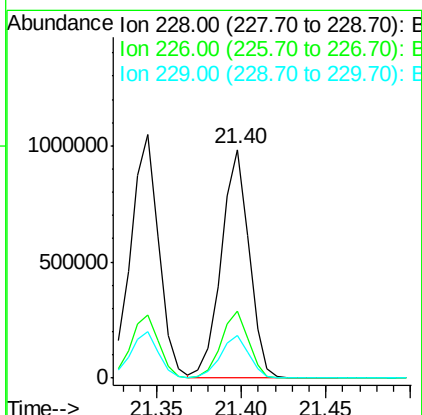
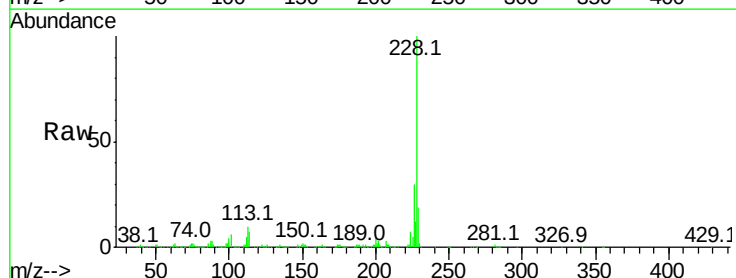
Instrument :
 BNA_M
 ClientSampleId :

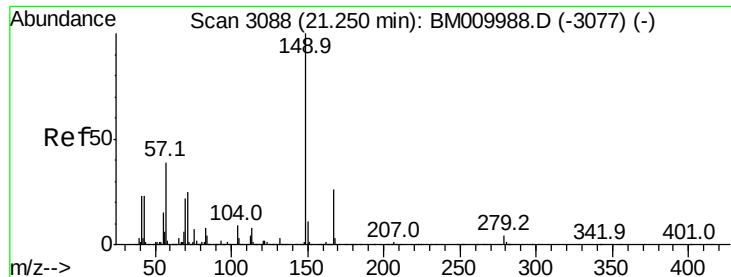
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.3	9.8	14.8



#82
 Chrysene
 Concen: 41.29 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	18.9	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.83 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

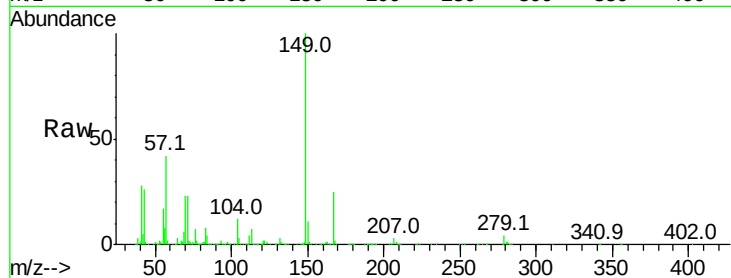
Tot Ion:149 Resp: 821679

Ion	Ratio	Lower	Upper
149	100		
167	24.5	22.4	33.6
279	4.1	3.4	5.0

149 100

167 24.5 22.4 33.6

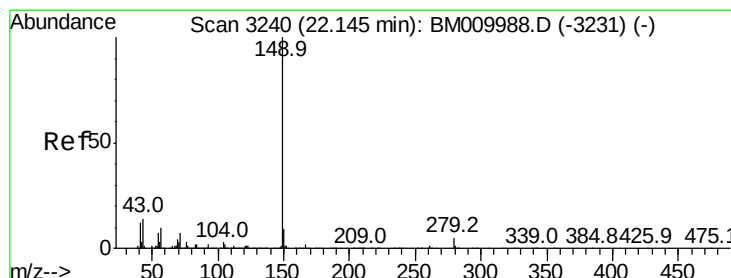
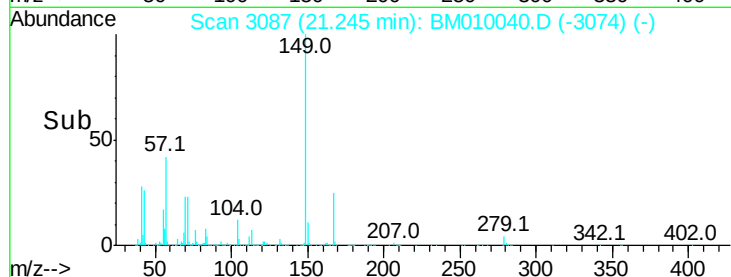
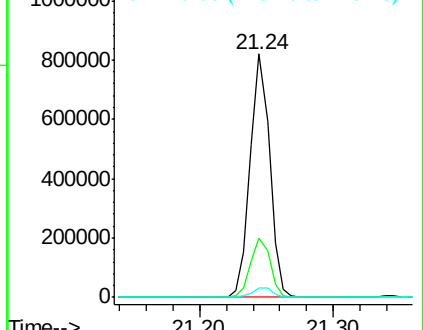
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.47 ng

RT: 22.13 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

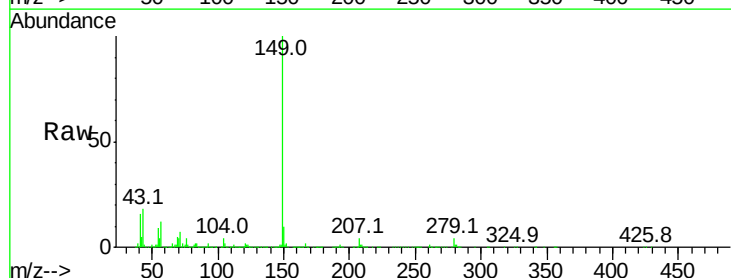
Tgt Ion:149 Resp: 1459824

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	18.0	7.3	10.9

149 100

167 1.6 1.2 1.8

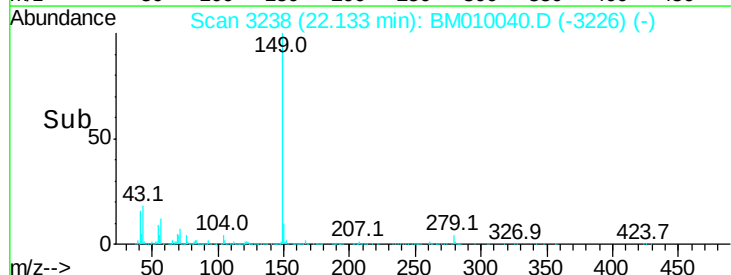
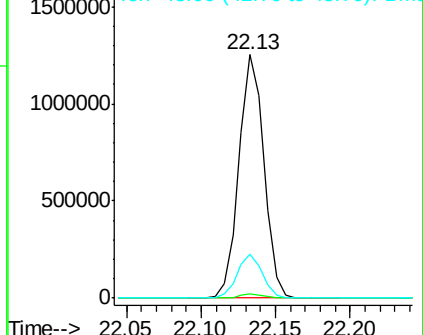
43 18.0 7.3 10.9

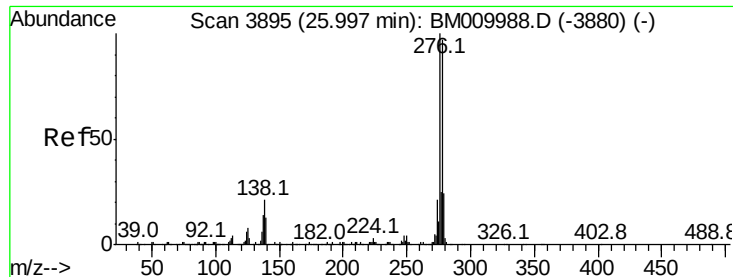


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

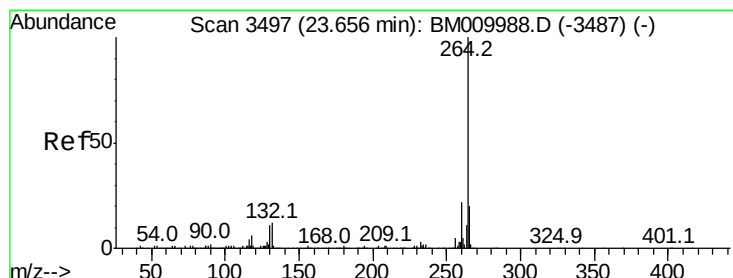
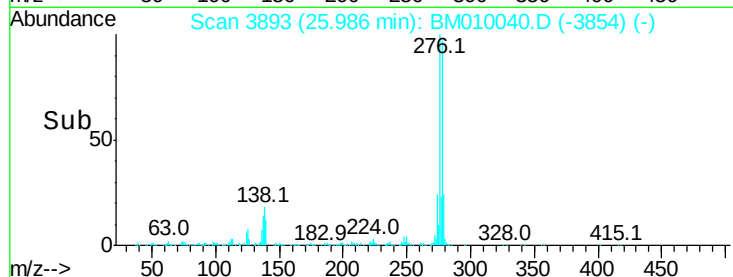
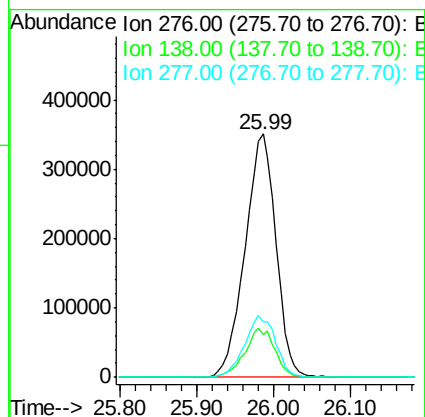
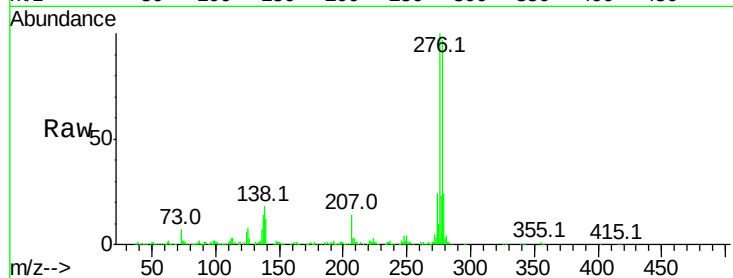




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.94 ng
 RT: 25.99 min Scan# 3893
 Delta R.T. -0.07 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

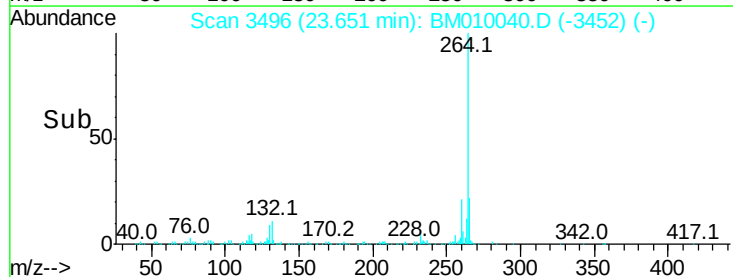
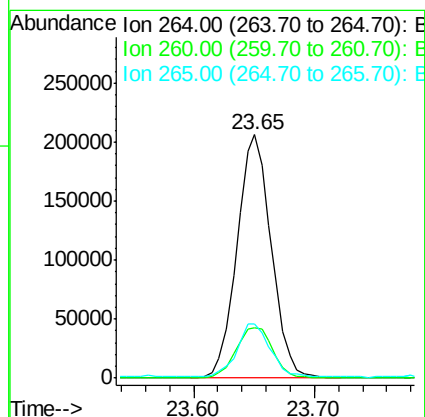
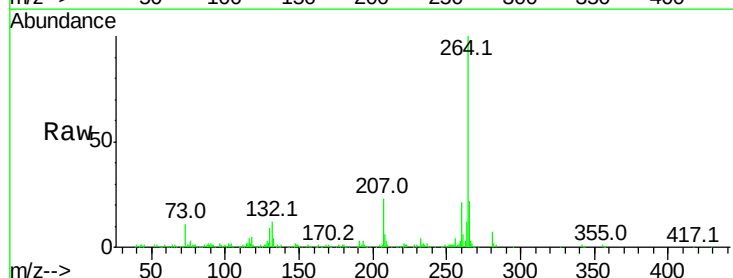
Instrument :
 BNA_M
 ClientSampleId :

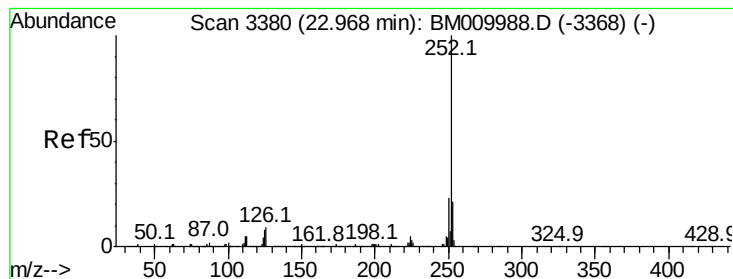
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.12 ng

RT: 22.96 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

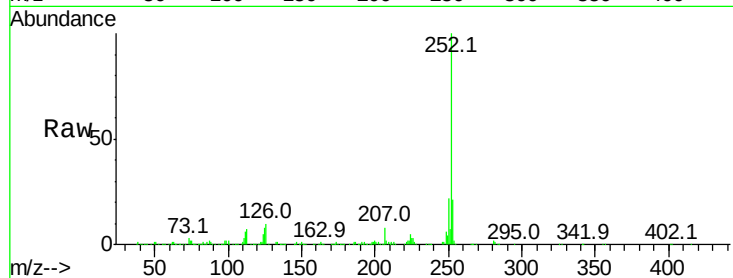
Tot Ion:252 Resp: 1107670

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

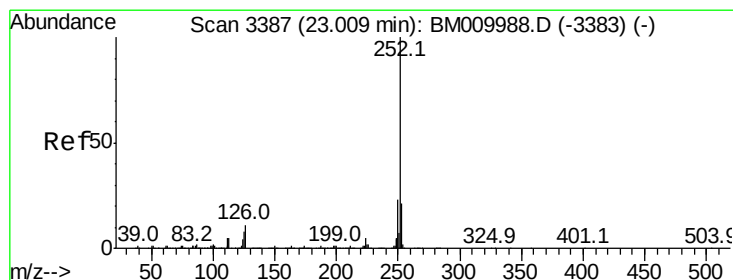
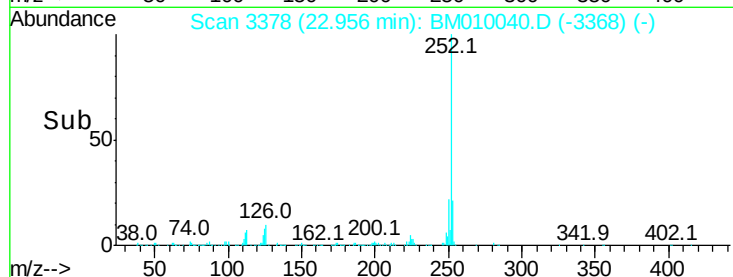
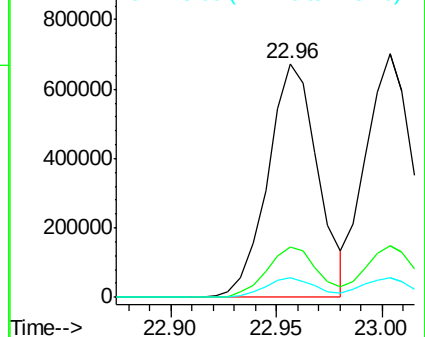
125 8.5 9.9 14.9#



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: 41.16 ng

RT: 23.00 min Scan# 3386

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

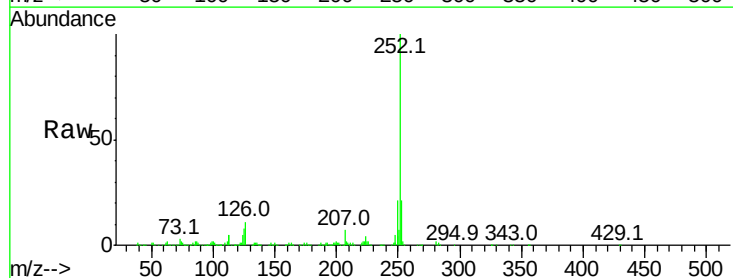
Tgt Ion:252 Resp: 1079800

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

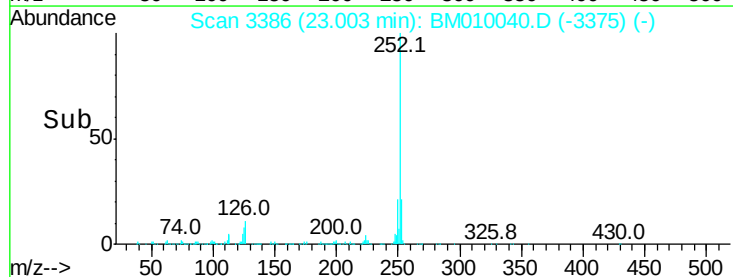
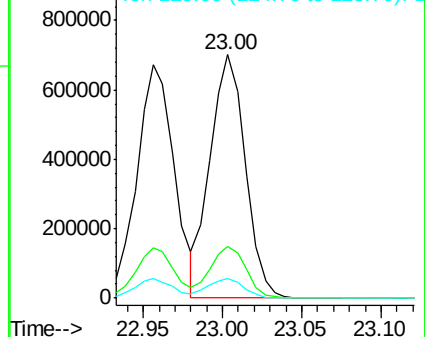
125 8.2 8.1 12.1

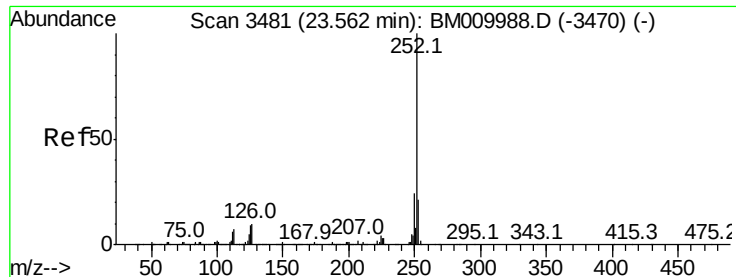


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.39 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.04 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

Instrument :

BNA_M

ClientSampleId :

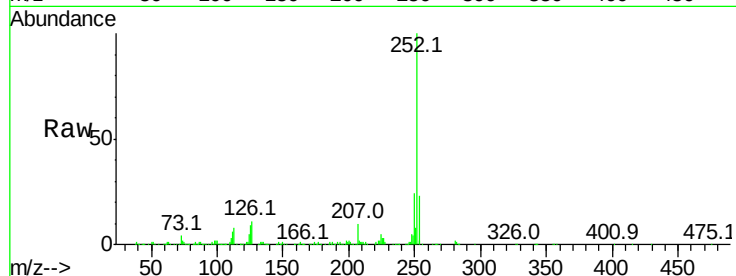
Tot Ion:252 Resp: 983110

Ion Ratio Lower Upper

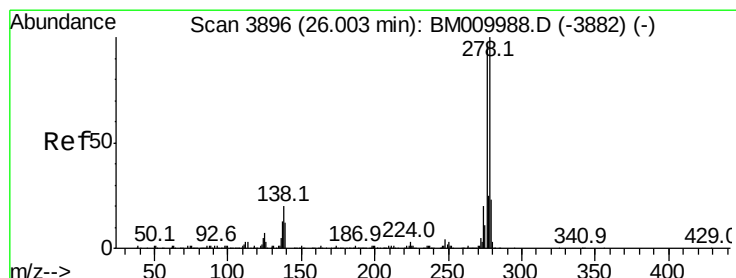
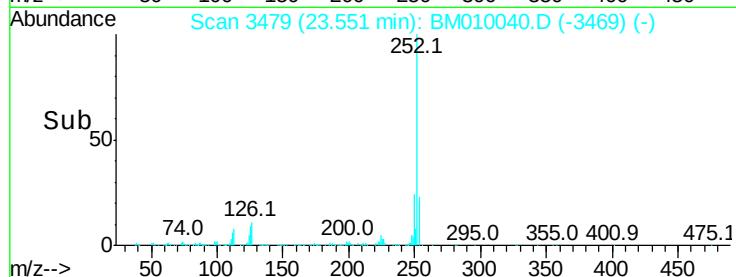
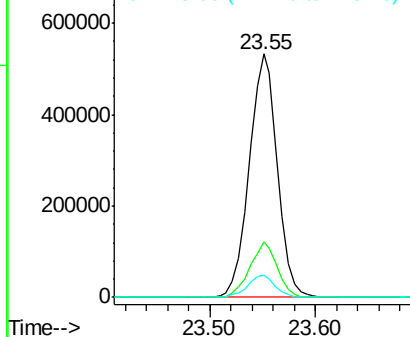
252 100

253 22.6 17.6 26.4

125 8.9 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: 39.71 ng

RT: 25.99 min Scan# 3893

Delta R.T. -0.07 min

Lab File: BM010040.D

Acq: 15 May 2017 14:40

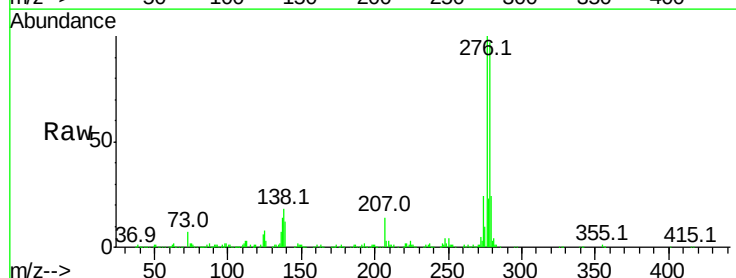
Tgt Ion:278 Resp: 852873

Ion Ratio Lower Upper

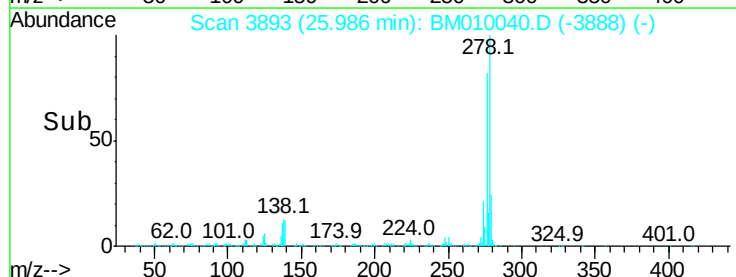
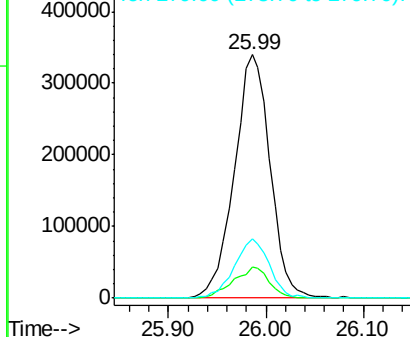
278 100

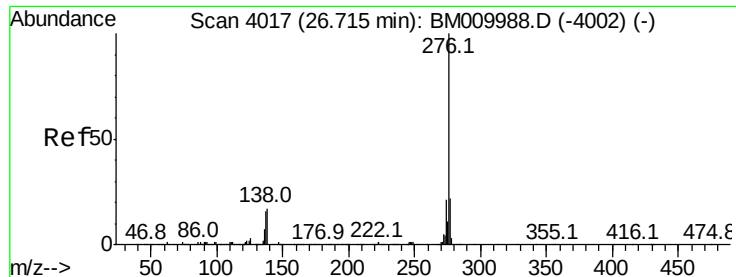
139 12.9 13.4 20.0#

279 24.3 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

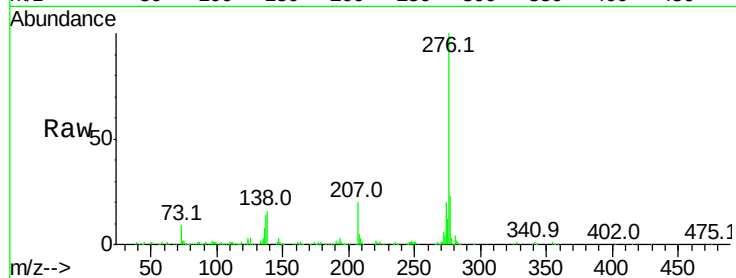




#91
 Benzo(a,h,i)perylene
 Concen: 39.67 ng
 RT: 26.70 min Scan# 4014
 Delta R.T. -0.08 min
 Lab File: BM010040.D
 Acq: 15 May 2017 14:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	16.2	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

