

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010043.D
 Acq On : 15 May 2017 17:06
 Operator : SJ/MA
 Sample : PB98946BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:19:08 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	44492	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	190951	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	123823	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	309025	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	427207	20.00	ng	-0.03
86) Perylene-d12	23.64	264	368381	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	441486	155.28	ng	-0.02
7) Phenol-d6	6.94	99	656824	144.18	ng	-0.03
23) Nitrobenzene-d5	8.93	82	518204	99.18	ng	-0.03
41) 2,4,6-Tribromophenol	15.92	330	245293	144.75	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	868858	93.84	ng	-0.03
78) Terphenyl-d14	19.79	244	1727170	85.21	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	39468	37.47	ng	# 100
3) Pyridine	3.68	79	134687	34.69	ng	# 84
4) n-Nitrosodimethylamine	3.59	42	118154	55.56	ng	# 43
6) Aniline	7.10	93	139253	23.54	ng	# 85
8) 2-Chlorophenol	7.33	128	145505	47.14	ng	# 74
9) Benzaldehyde	6.92	77	104217	30.56	ng	# 74
10) Phenol	6.97	94	227140	45.88	ng	# 95
11) bis(2-Chloroethyl)ether	7.19	93	158523	41.18	ng	# 77
12) 1,3-Dichlorobenzene	7.64	146	135829	39.42	ng	# 82
13) 1,4-Dichlorobenzene	7.79	146	140369	39.76	ng	# 87
14) 1,2-Dichlorobenzene	8.10	146	139824	40.85	ng	# 90
15) Benzyl Alcohol	8.01	79	190465	49.06	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.29	45	262407	42.96	ng	# 99
17) 2-Methylphenol	8.21	107	141833	43.89	ng	# 80
18) Hexachloroethane	8.82	117	70747	48.33	ng	# 97
19) n-Nitroso-di-n-propylamine	8.56	70	173439	41.96	ng	# 83
20) 3+4-Methylphenols	8.54	107	193527	43.99	ng	# 83
22) Acetophenone	8.59	105	251921	43.15	ng	# 81
24) Nitrobenzene	8.97	77	261592	47.04	ng	# 82
25) Isophorone	9.49	82	416346	46.30	ng	# 87
26) 2-Nitrophenol	9.67	139	75156	44.89	ng	# 22
27) 2,4-Dimethylphenol	9.73	122	139114	44.39	ng	# 62
28) bis(2-Chloroethoxy)methane	9.97	93	232753	42.96	ng	# 99
29) 2,4-Dichlorophenol	10.21	162	138588	45.45	ng	# 89
30) 1,2,4-Trichlorobenzene	10.41	180	148859	41.81	ng	# 90
31) Naphthalene	10.60	128	435369	41.41	ng	# 98
32) Benzoic acid	9.92	122	92915	44.32	ng	# 48
33) 4-Chloroaniline	10.74	127	50337	11.26	ng	# 77
34) Hexachlorobutadiene	10.86	225	97921	40.42	ng	# 96
35) Caprolactam	11.55	113	27342	22.95	ng	# 61
36) 4-Chloro-3-methylphenol	11.86	107	185562	45.53	ng	# 76
37) 2-Methylnaphthalene	12.22	142	331907	44.11	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	182764	40.55	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	113921	90.96	ng	# 100

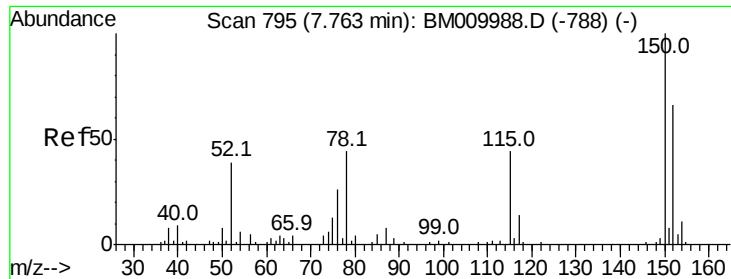
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010043.D
 Acq On : 15 May 2017 17:06
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 Sample : PB98946BS
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:19:08 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	121138	43.66	nq	96
43) 2,4,5-Trichlorophenol	12.92	196	128055	42.49	nq #	79
45) 1,1'-Biphenyl	13.23	154	439385	42.64	nq	93
46) 2-Chloronaphthalene	13.28	162	349555	43.17	nq	96
47) 2-Nitroaniline	13.51	65	187843	51.24	nq #	55
48) Acenaphthylene	14.13	152	565984	44.38	nq	99
49) Dimethylphthalate	13.87	163	472707	43.31	nq	99
50) 2,6-Dinitrotoluene	14.01	165	95526	43.19	nq #	7
51) Acenaphthene	14.47	154	344338	42.85	nq	99
52) 3-Nitroaniline	14.35	138	53530	22.79	nq #	47
53) 2,4-Dinitrophenol	14.57	184	105400	80.07	nq #	65
54) Dibenzofuran	14.82	168	575536	46.75	nq #	91
55) 4-Nitrophenol	14.67	139	147239	93.61	nq #	1
56) 2,4-Dinitrotoluene	14.81	165	155815	47.62	nq #	48
57) Fluorene	15.46	166	486364	44.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	121751	46.76	nq #	100
59) Diethylphthalate	15.23	149	518487	45.25	nq	97
60) 4-Chlorophenyl-phenylether	15.46	204	253402	42.75	nq	98
61) 4-Nitroaniline	15.52	138	105760	44.19	nq #	1
62) Azobenzene	15.75	77	830686	59.74	nq	76
64) 4,6-Dinitro-2-methylphenol	15.57	198	81018	40.96	nq #	71
65) n-Nitrosodiphenylamine	15.68	169	419750	43.77	nq	96
66) 4-Bromophenyl-phenylether	16.35	248	152255	41.48	nq #	85
67) Hexachlorobenzene	16.46	284	167215	41.05	nq #	80
68) Atrazine	16.63	200	165292	47.17	nq	96
69) Pentachlorophenol	16.82	266	159817	80.22	nq	92
70) Phenanthrene	17.21	178	781885	44.08	nq	97
71) Anthracene	17.30	178	819633	45.30	nq	99
72) Carbazole	17.58	167	747491	46.28	nq	98
73) Di-n-butylphthalate	18.12	149	962555	46.87	nq #	96
74) Fluoranthene	19.23	202	1000044	43.94	nq	98
76) Benzidine	19.43	184	562899	52.70	nq	99
77) Pyrene	19.60	202	1047972	41.22	nq	100
79) Butylbenzylphthalate	20.48	149	500732	47.30	nq #	50
80) Benzo(a)anthracene	21.34	228	1151987	44.88	nq	98
81) 3,3'-Dichlorobenzidine	21.28	252	251912	26.64	nq #	94
82) Chrysene	21.40	228	1039368	43.18	nq	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	762803	48.25	nq	93
84) Di-n-octyl phthalate	22.13	149	1322329	48.76	nq #	78
85) Indeno(1,2,3-cd)pyrene	25.99	276	1059797	52.23	nq #	100
87) Benzo(b)fluoranthene	22.96	252	1115149	44.70	nq #	95
88) Benzo(k)fluoranthene	23.00	252	1058426	44.65	nq	98
89) Benzo(a)pyrene	23.55	252	1017342	46.26	nq	99
90) Dibenzo(a,h)anthracene	25.99	278	899048	46.32	nq #	95
91) Benzo(g,h,i)perylene	26.70	276	814097	45.51	nq #	90

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

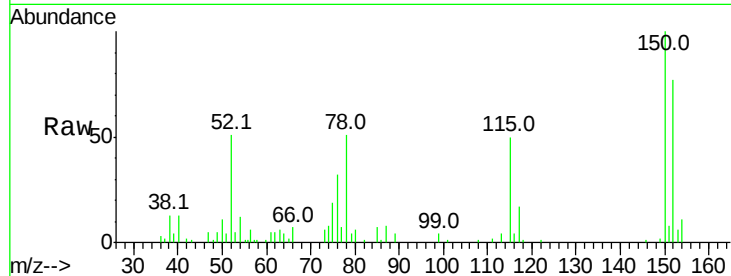


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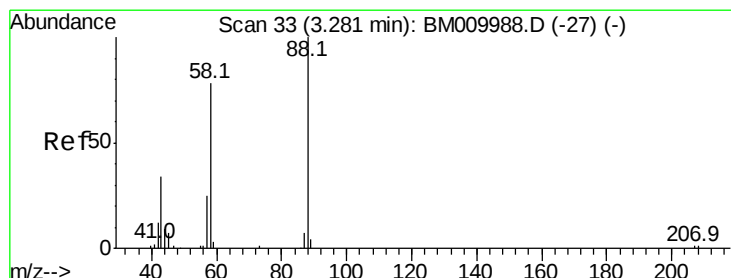
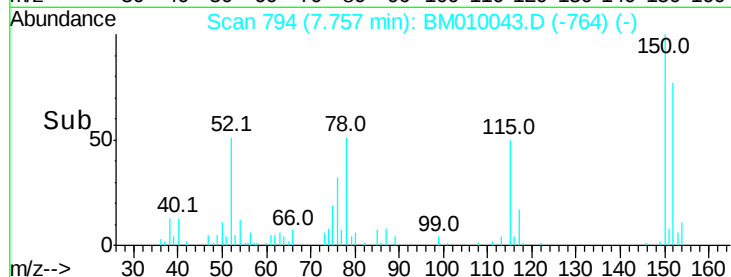
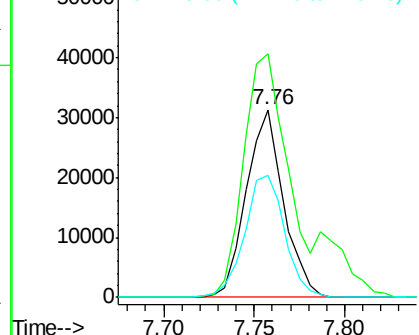
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 44492
Ion Ratio Lower Upper
152 100
150 129.8 119.5 179.3
115 65.0 43.0 64.4#



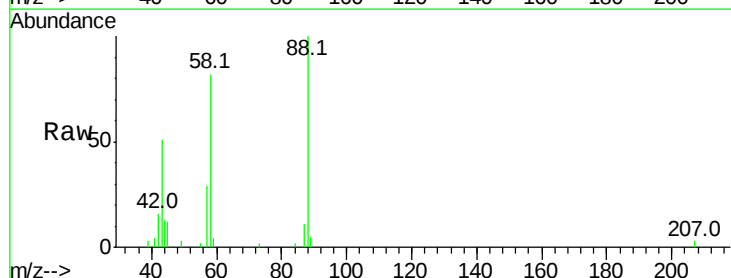
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



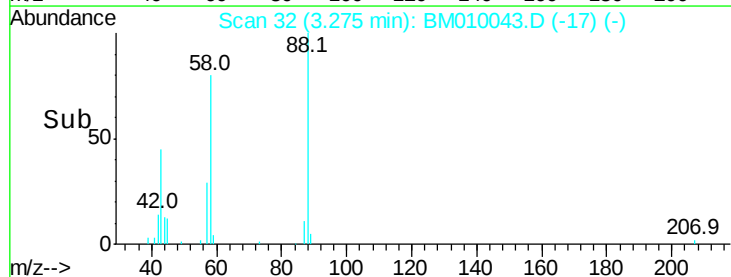
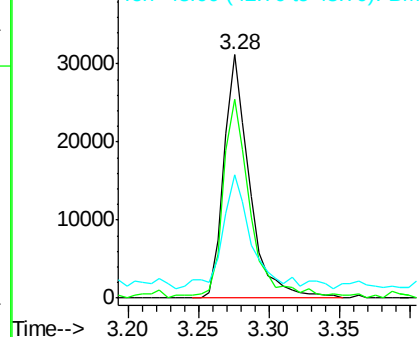
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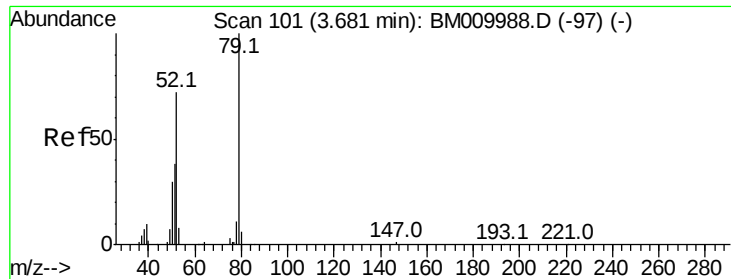
1,4-Dioxane
Concen: 37.47 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion: 88 Resp: 39468
Ion Ratio Lower Upper
88 100
58 82.0 0.0 0.0#
43 50.8 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

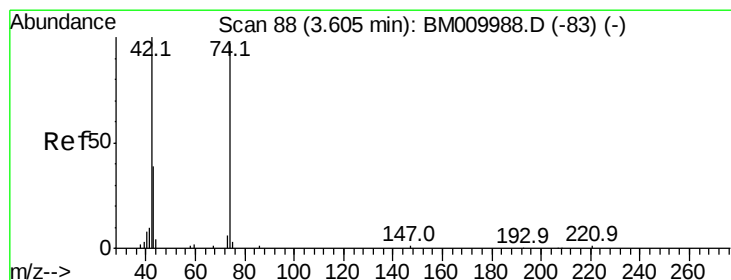
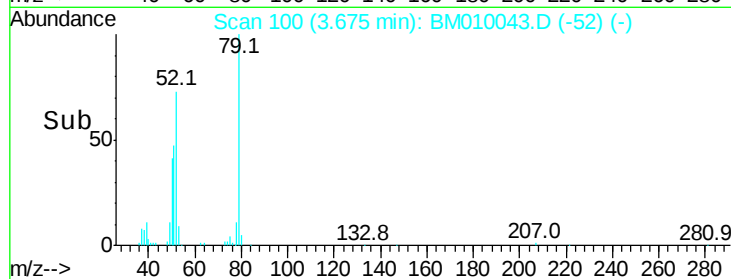
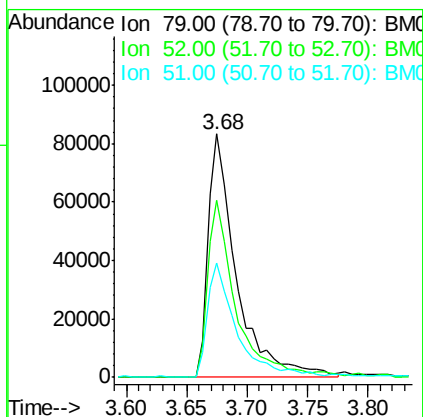
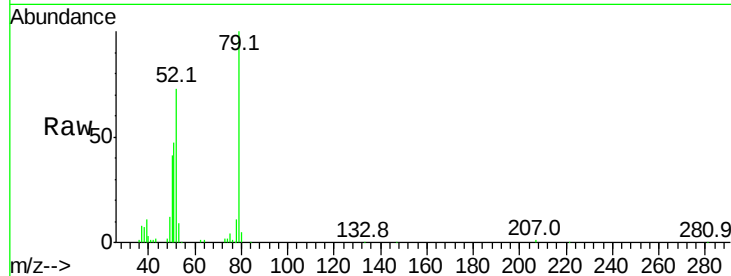




#3
 Pvridine
 Concen: 34.69 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

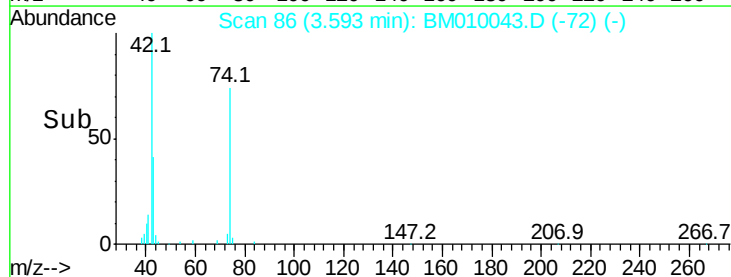
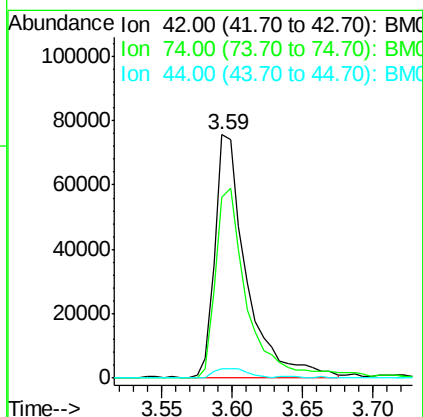
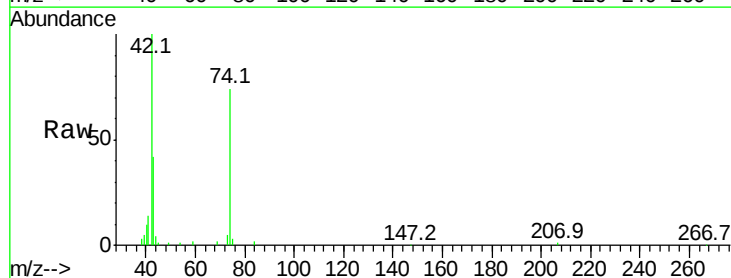
Instrument :
 BNA_M
 ClientSampleId :

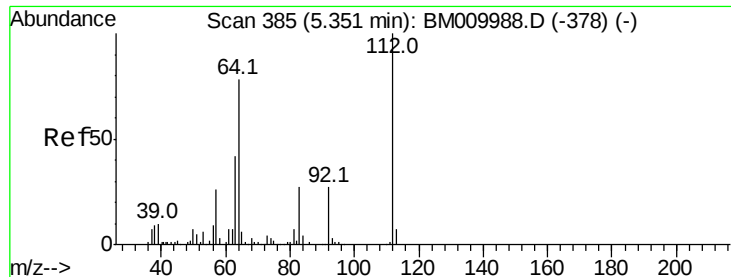
Tot Ion: 79 Resp: 134687
 Ion Ratio Lower Upper
 79 100
 52 72.8 51.1 76.7
 51 47.0 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 55.56 ng
 RT: 3.59 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion: 42 Resp: 118154
 Ion Ratio Lower Upper
 42 100
 74 74.4 119.3 178.9#
 44 3.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 155.28 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

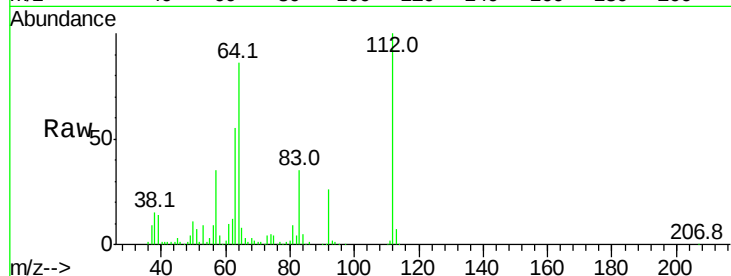
Tot Ion:112 Resp: 441486

Ion Ratio Lower Upper

112 100

64 85.6 38.6 57.8#

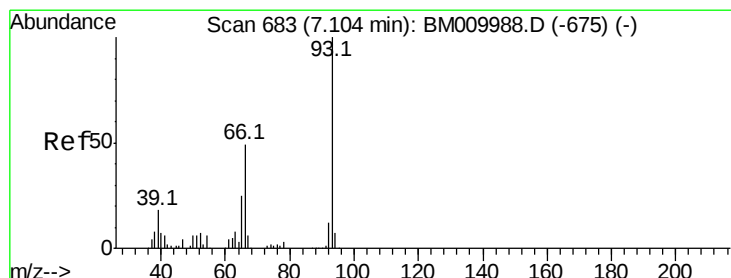
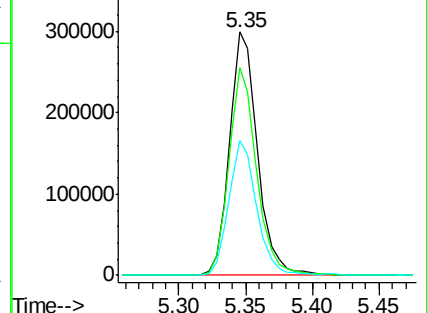
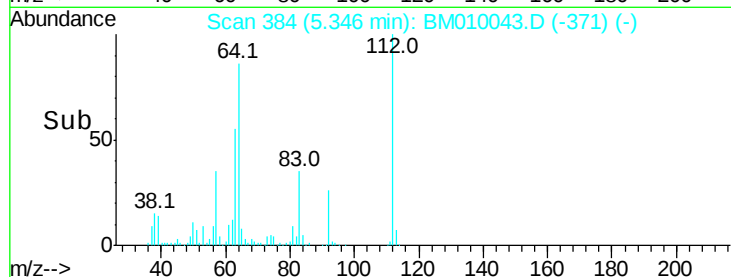
63 55.5 19.3 28.9#



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: 23.54 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

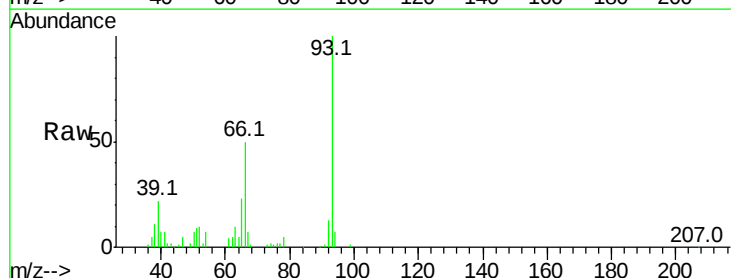
Tgt Ion: 93 Resp: 139253

Ion Ratio Lower Upper

93 100

66 49.8 30.8 46.2#

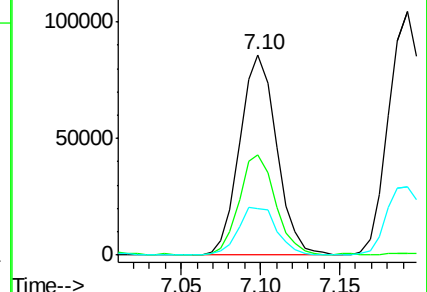
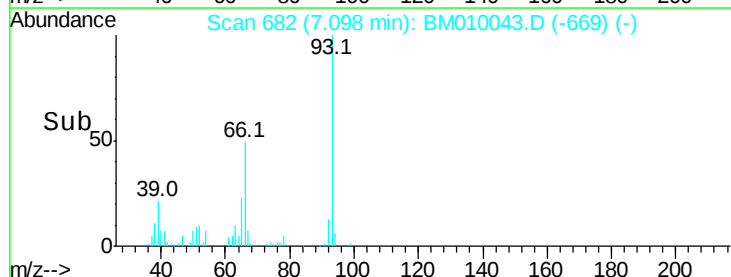
65 23.2 16.0 24.0

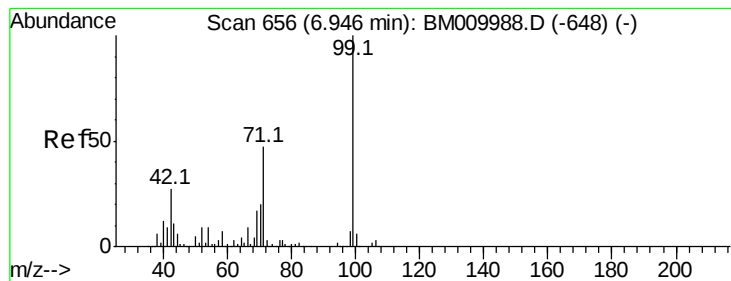


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 144.18 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

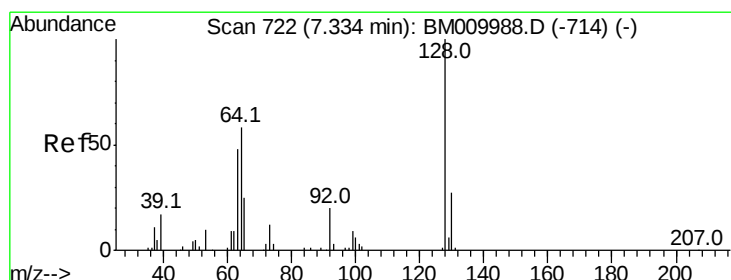
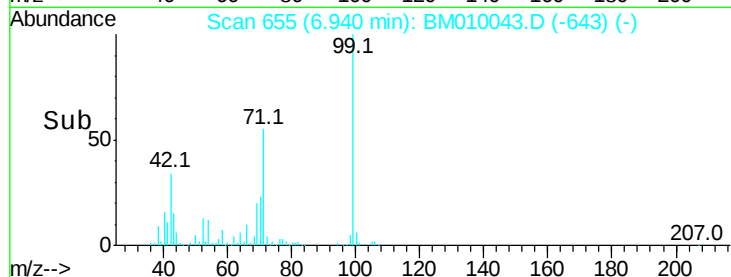
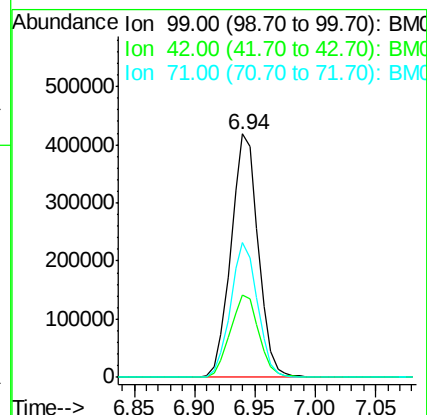
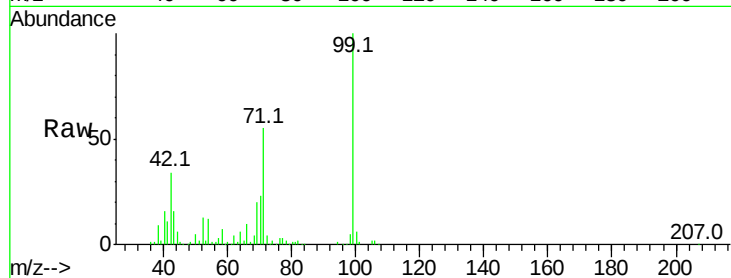
Tot Ion: 99 Resp: 656824

Ion Ratio Lower Upper

99 100

42 33.9 11.0 16.4#

71 55.3 23.4 35.2#



#8

2-Chlorophenol

Concen: 47.14 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

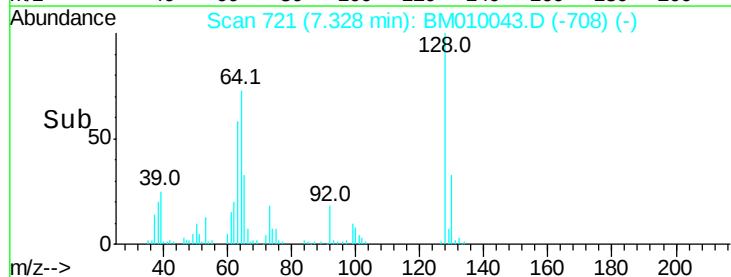
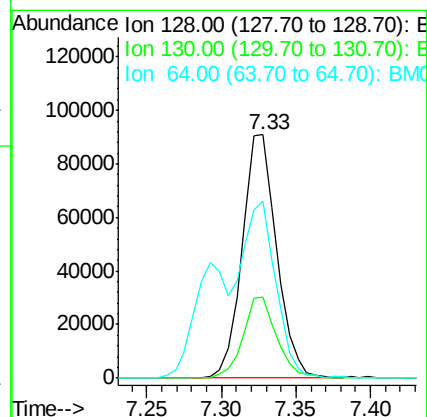
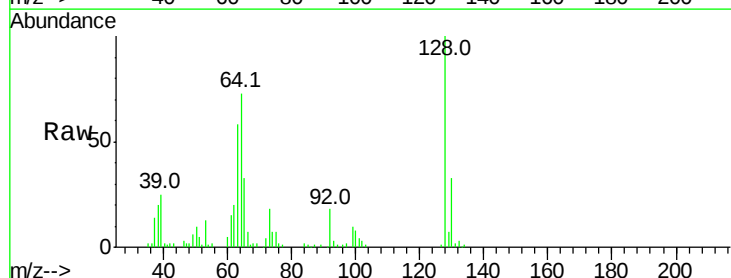
Tgt Ion: 128 Resp: 145505

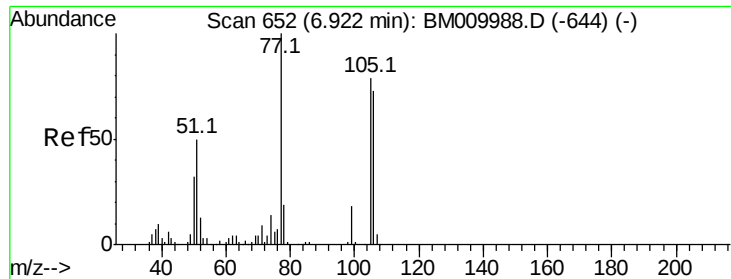
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 72.7 24.9 64.9#





#9

Benzaldehyde

Concen: 30.56 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

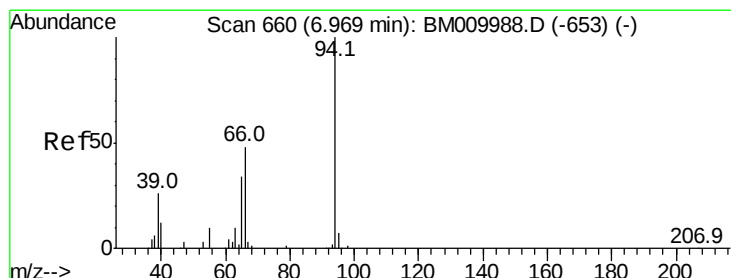
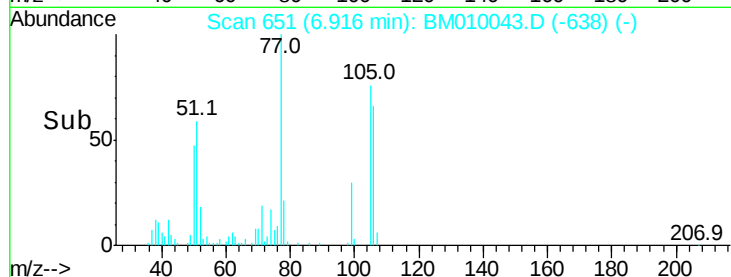
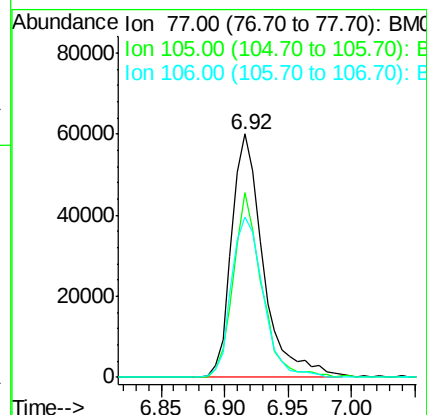
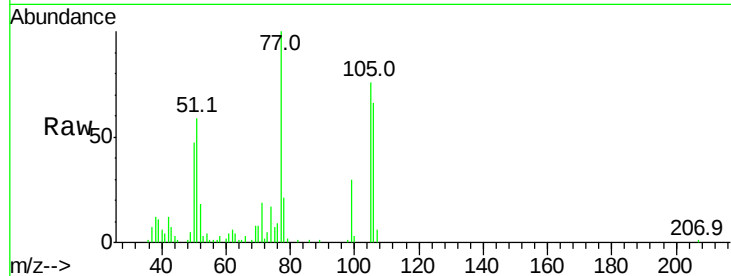
Tot Ion: 77 Resp: 104217

Ion Ratio Lower Upper

77 100

105 75.6 78.8 118.8#

106 65.7 73.7 113.7#



#10

Phenol

Concen: 45.88 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

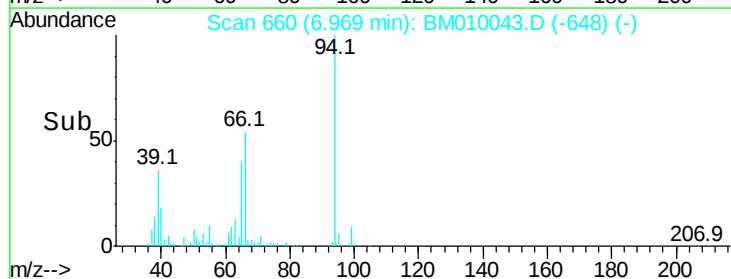
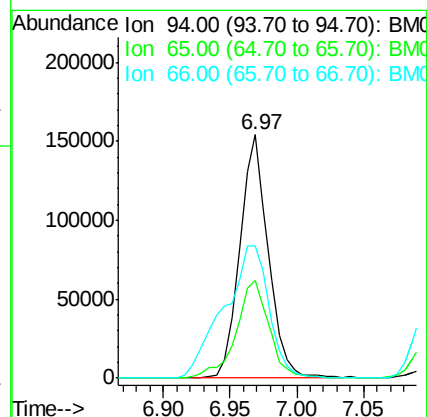
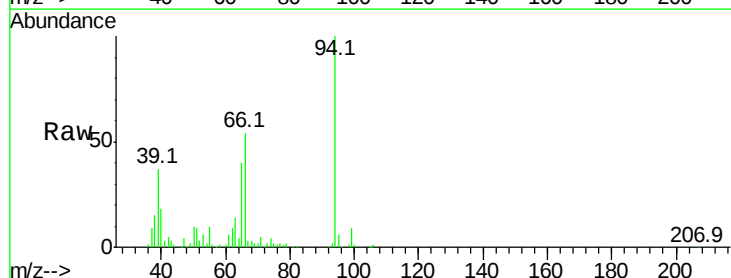
Tgt Ion: 94 Resp: 227140

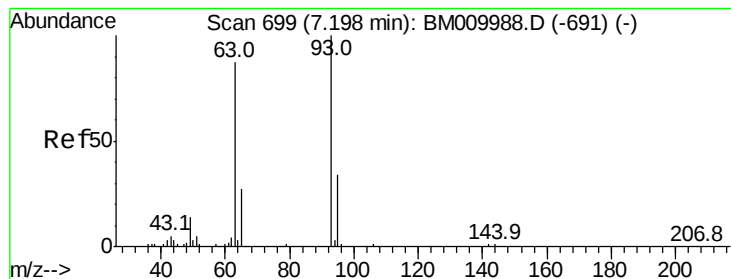
Ion Ratio Lower Upper

94 100

65 40.2 18.8 58.8

66 54.3 39.9 79.9

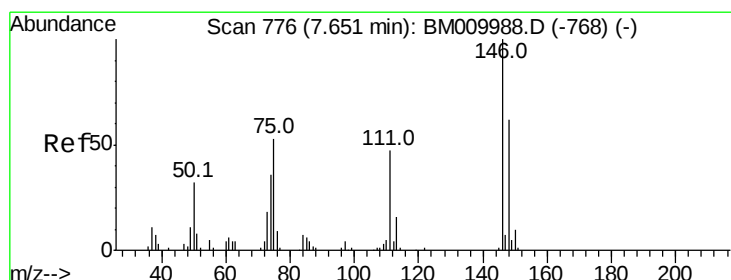
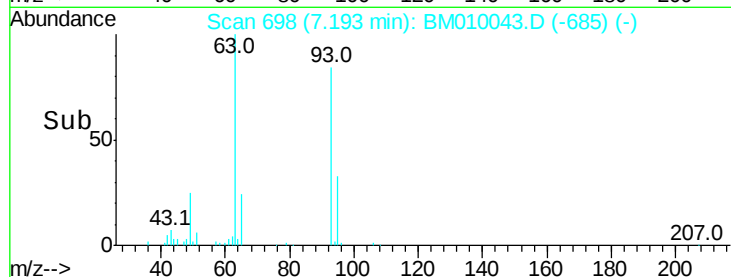
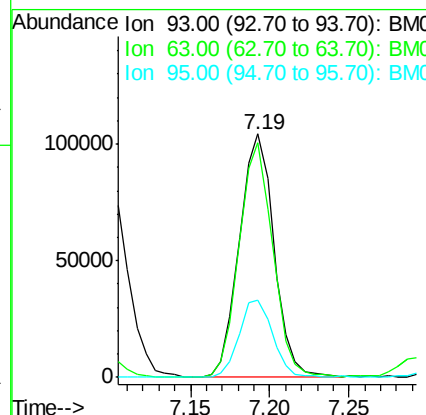
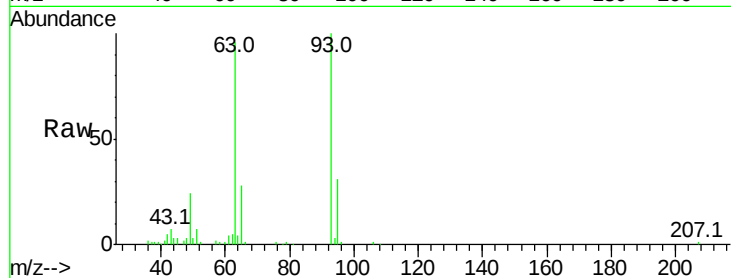




#11
bis(2-Chloroethyl)ether
Concen: 41.18 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

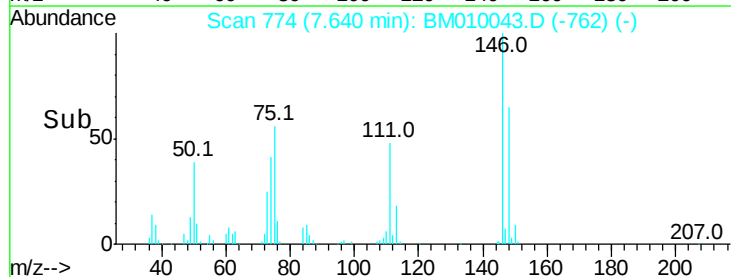
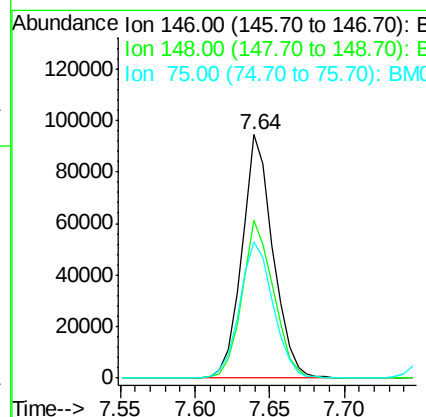
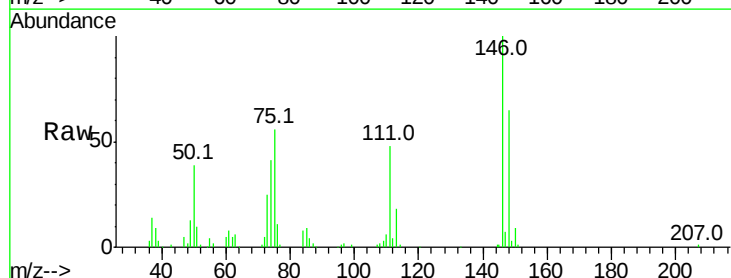
Instrument :
BNA_M
ClientSampleId :

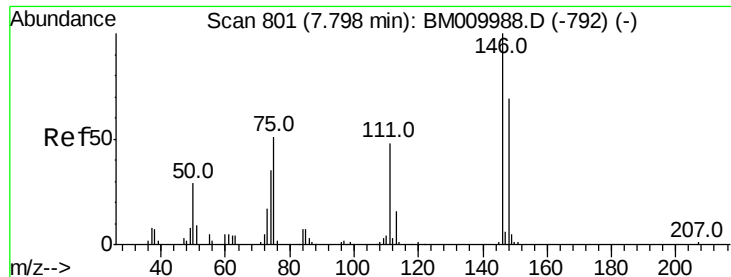
Tot Ion: 93 Resp: 158523
Ion Ratio Lower Upper
93 100
63 96.3 49.5 89.5#
95 31.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.42 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion: 146 Resp: 135829
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 55.6 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.76 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

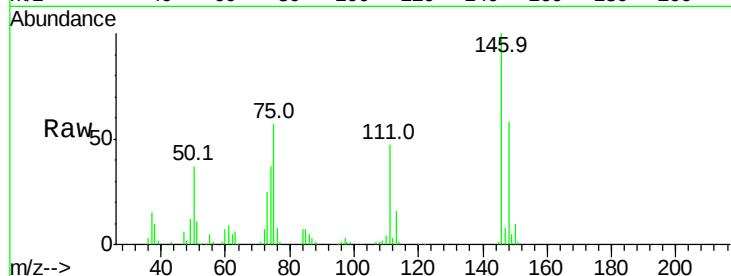
Tot Ion:146 Resp: 140369

Ion Ratio Lower Upper

146 100

148 57.5 51.9 77.9

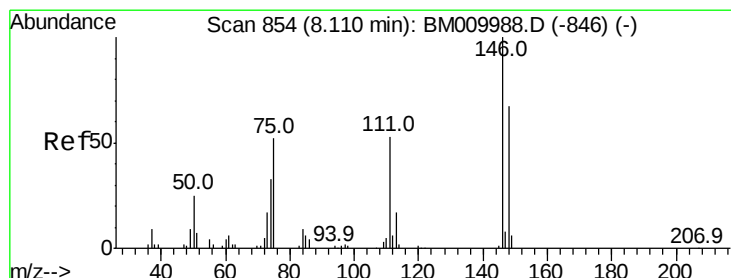
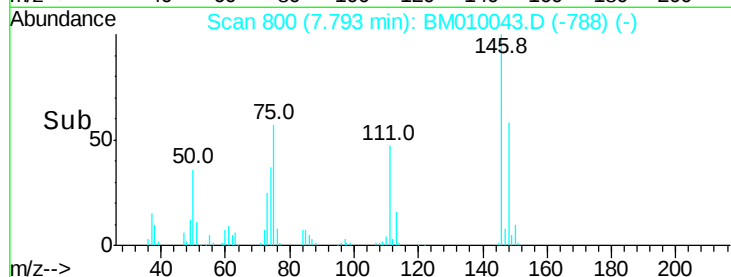
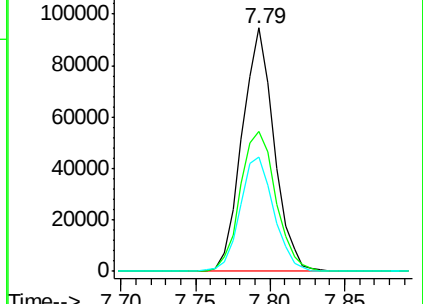
111 47.2 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.85 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

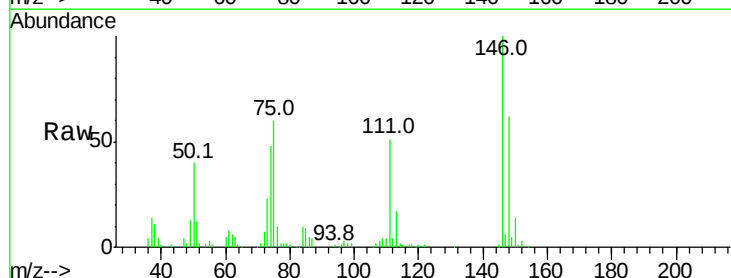
Tgt Ion:146 Resp: 139824

Ion Ratio Lower Upper

146 100

148 62.3 52.3 78.5

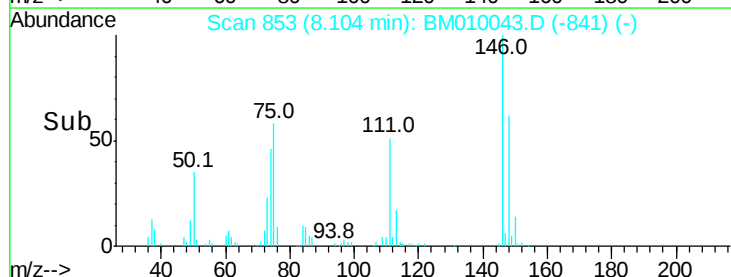
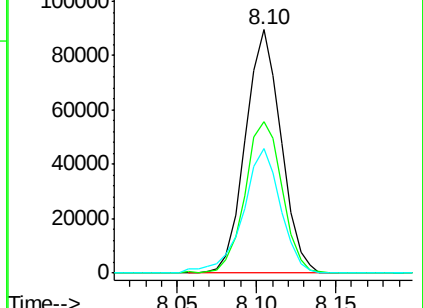
111 50.9 30.6 45.8#

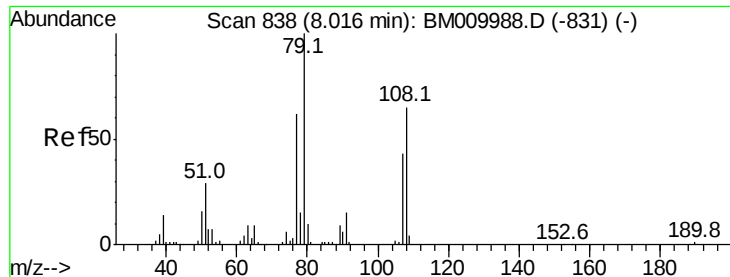


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.06 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

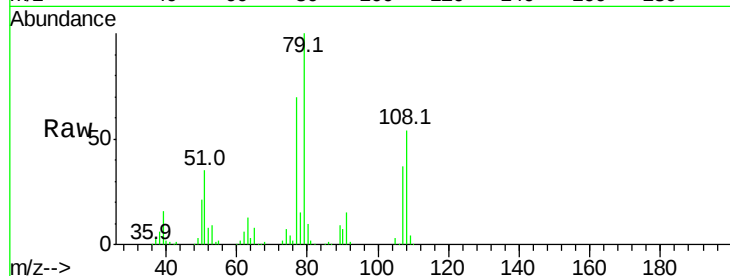
Tot Ion: 79 Resp: 190465

Ion Ratio Lower Upper

79 100

108 54.0 65.0 97.4#

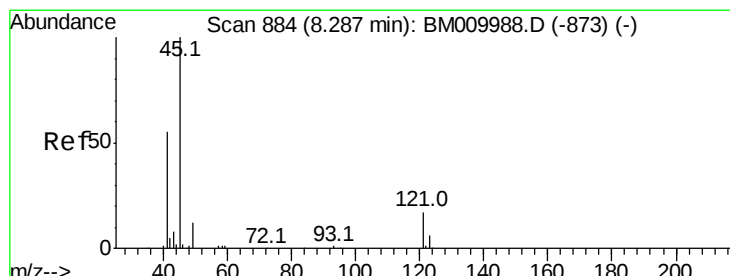
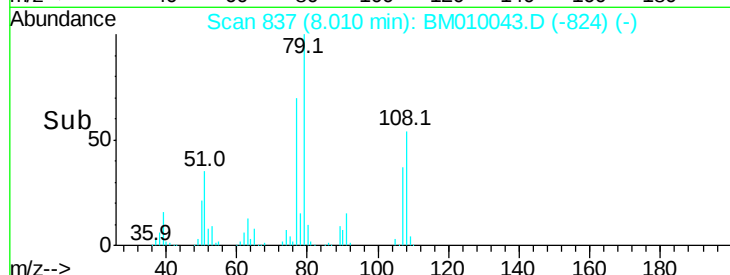
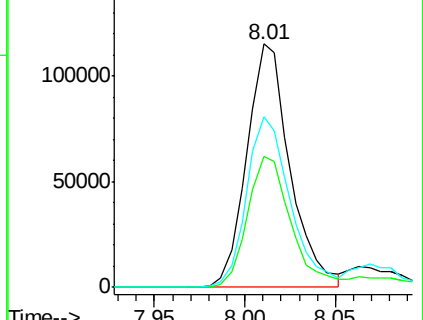
77 70.0 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM009988.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM009988.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.96 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

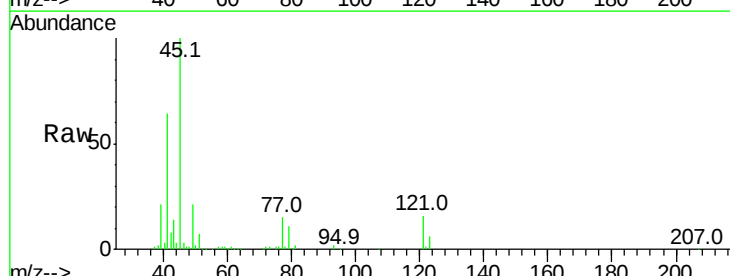
Tgt Ion: 45 Resp: 262407

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.2

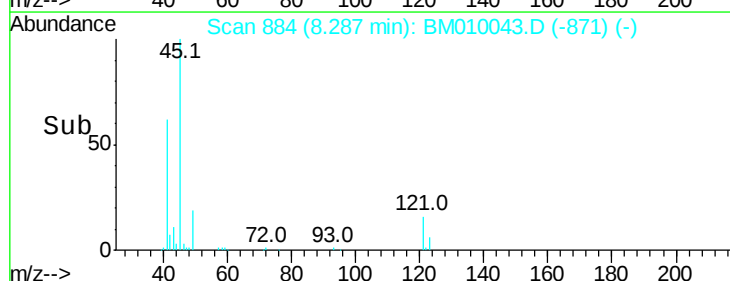
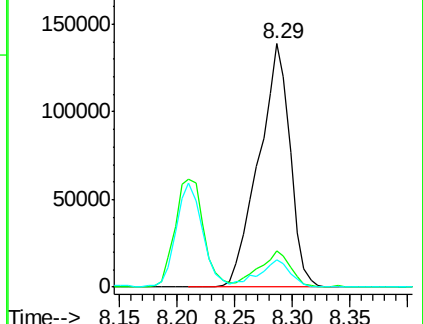
79 11.2 0.0 32.0

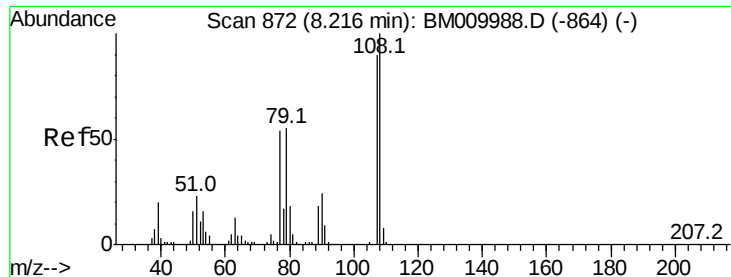


Abundance Ion 45.00 (44.70 to 45.70): BM009988.D (-873) (-)

Ion 77.00 (76.70 to 77.70): BM009988.D (-873) (-)

Ion 79.00 (78.70 to 79.70): BM009988.D (-873) (-)





#17

2-Methylphenol

Concen: 43.89 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010043.D

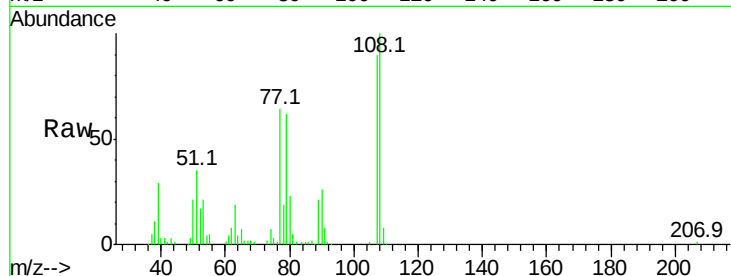
Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	141833
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.8	134.8
77	70.8	32.6	48.8#
79	68.2	32.8	49.2#

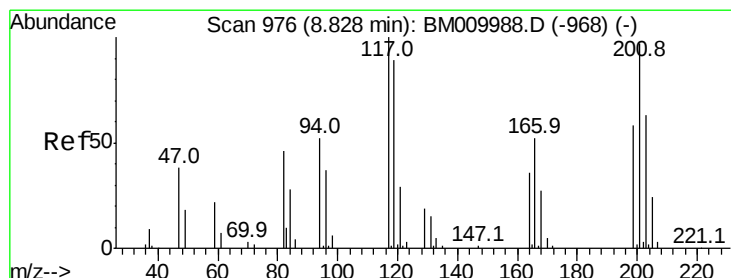
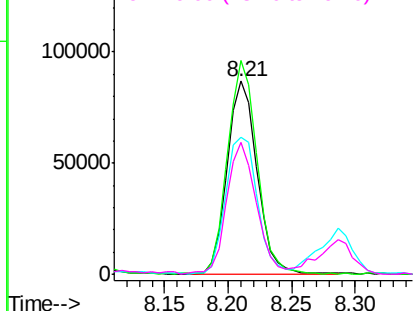
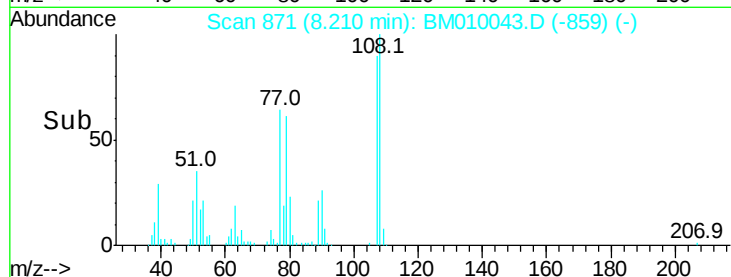


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 48.33 ng

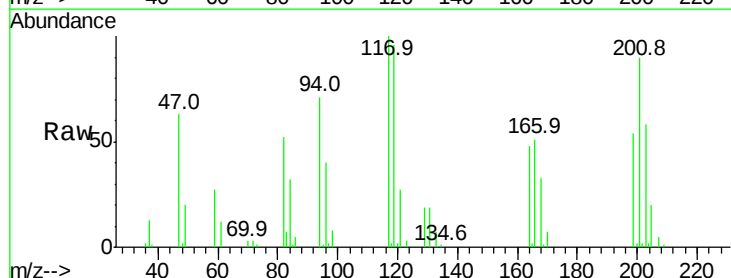
RT: 8.82 min Scan# 974

Delta R.T. -0.04 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

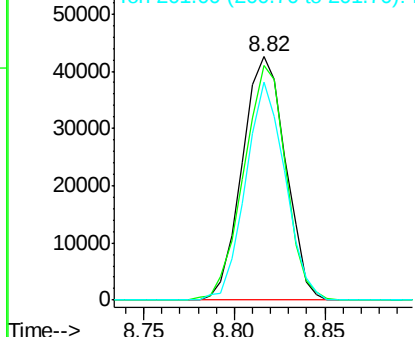
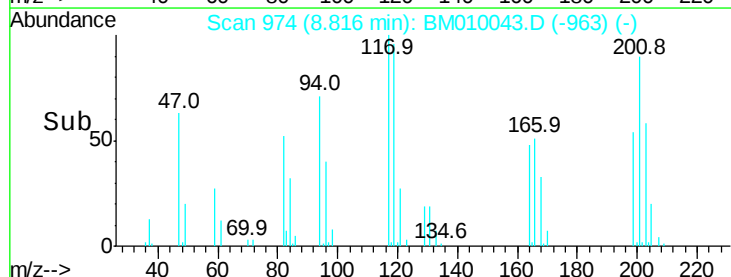
Tgt Ion:	117	Resp:	70747
Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.2	118.8
201	89.5	69.8	104.6

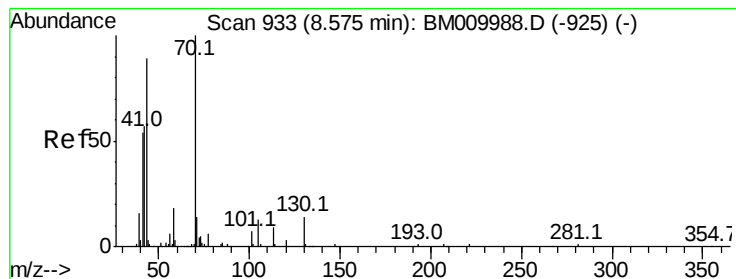


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.96 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 173439

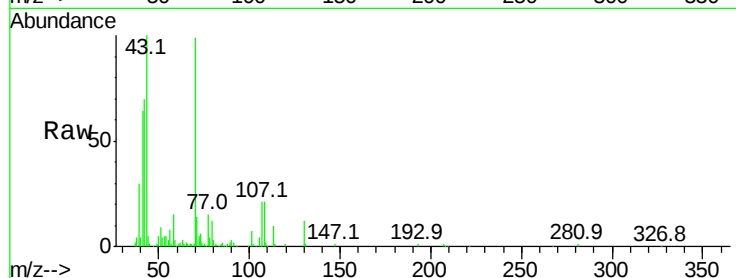
Ion Ratio Lower Upper

70 100

42 70.4 44.5 66.7#

101 7.5 7.4 11.2

130 12.2 15.3 22.9#

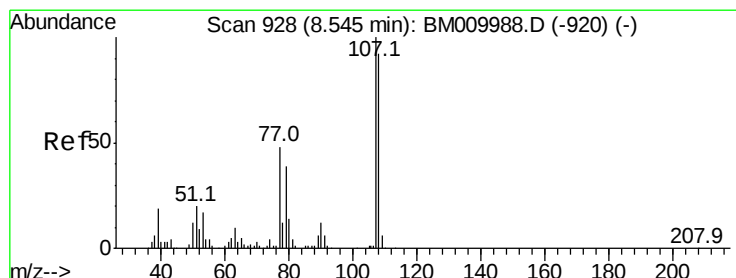
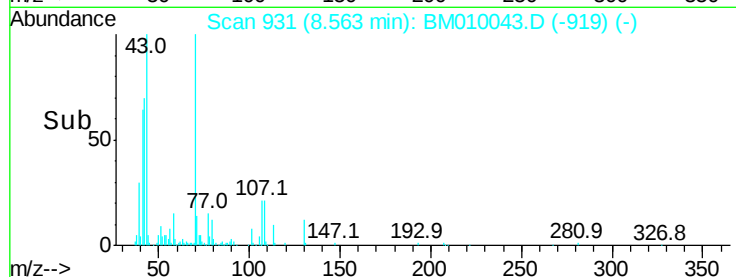
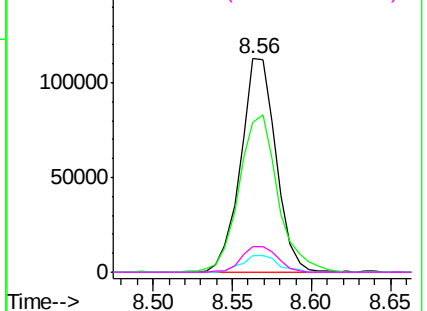


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.99 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Tgt Ion: 107 Resp: 193527

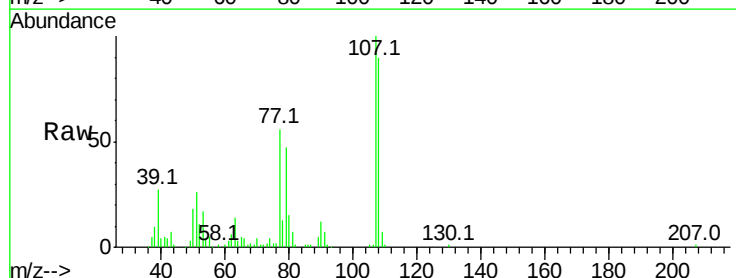
Ion Ratio Lower Upper

107 100

108 90.3 73.2 113.2

77 56.3 10.7 50.7#

79 46.9 9.6 49.6

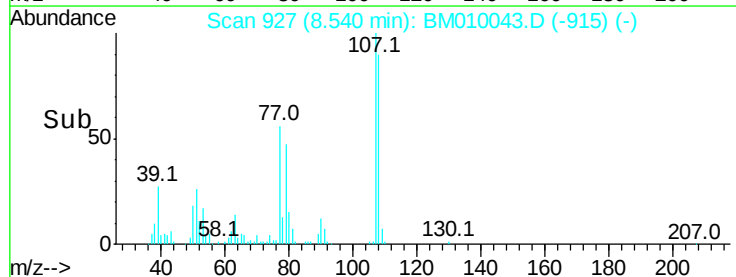
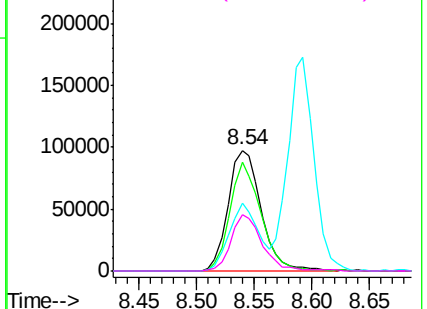


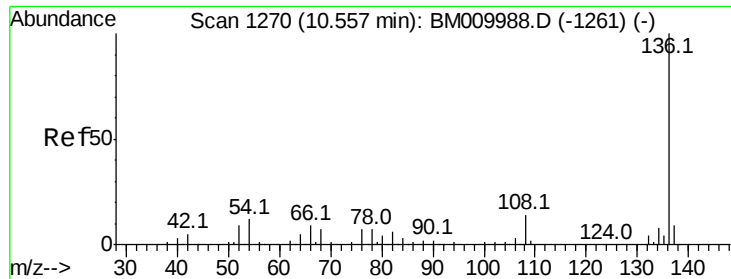
Abundance Ion 107.00 (106.70 to 107.70): E

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

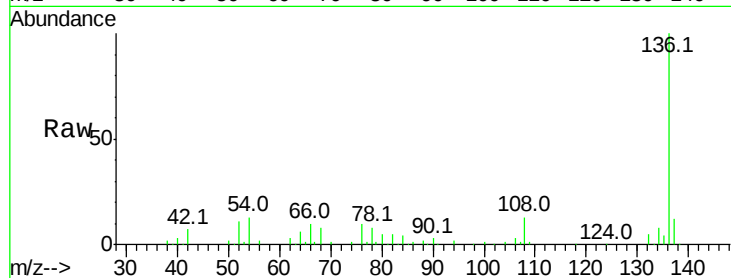




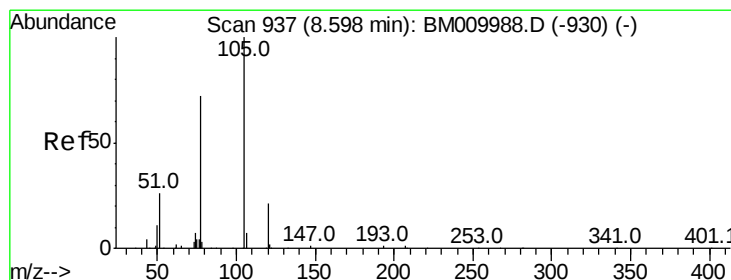
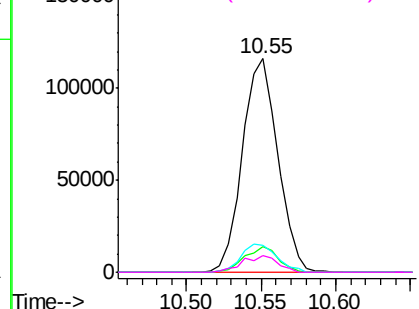
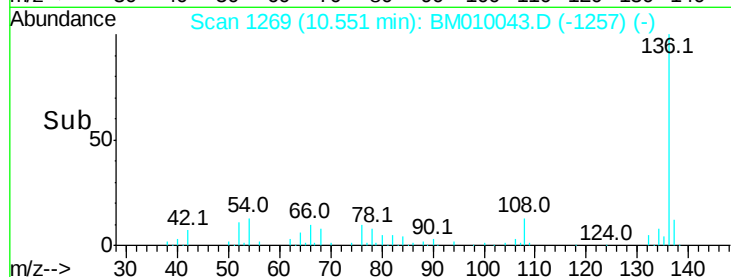
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	190951
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	12.6	4.6	6.8#
68	8.0	3.7	5.5#

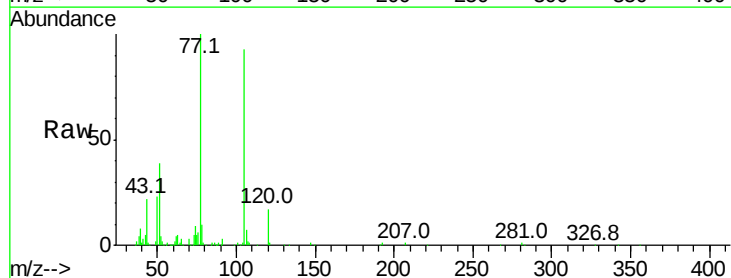


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

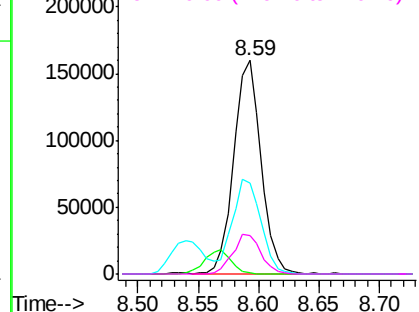
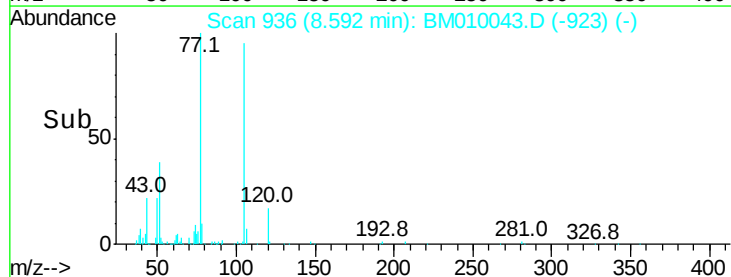


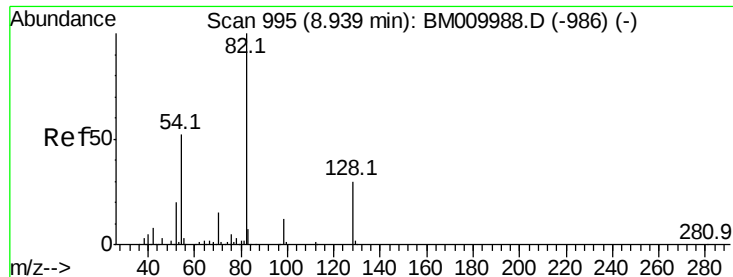
#22
Acetophenone
Concen: 43.15 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:	105	Resp:	251921
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	42.6	21.6	32.4#
120	18.1	16.1	24.1



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

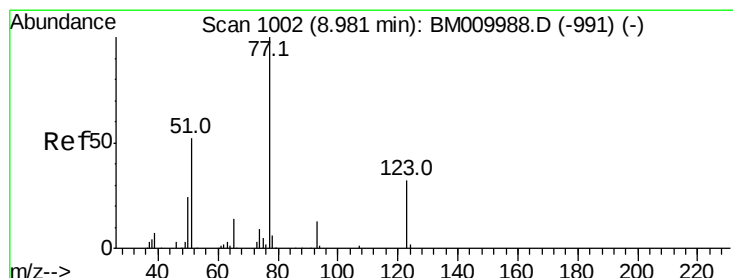
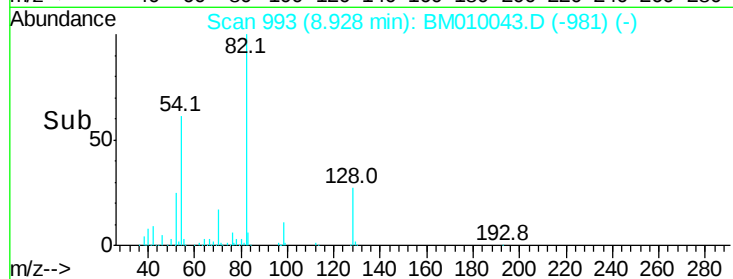
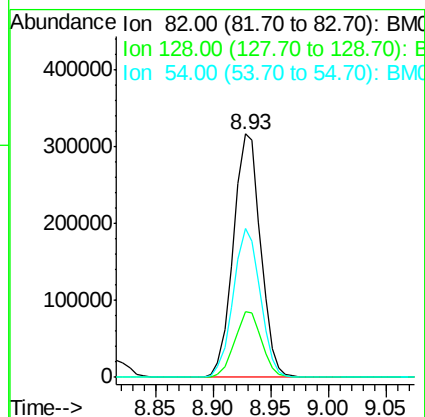
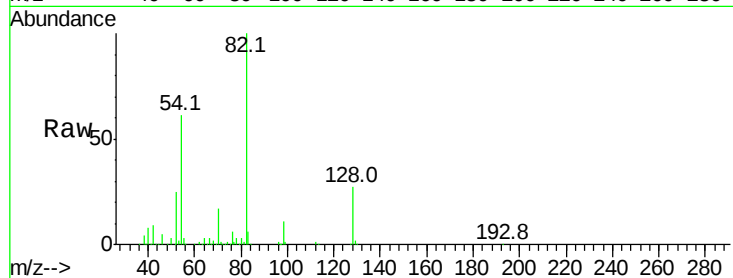




#23
 Nitrobenzene-d5
 Concen: 99.18 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

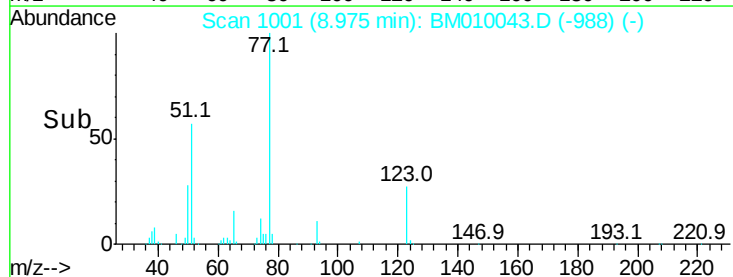
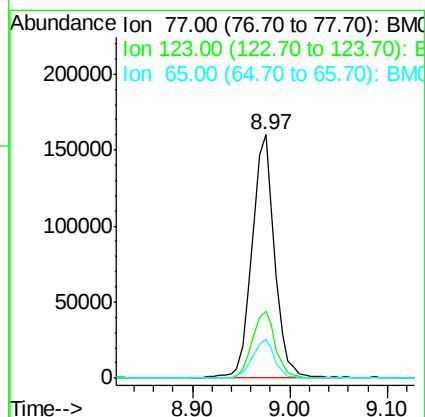
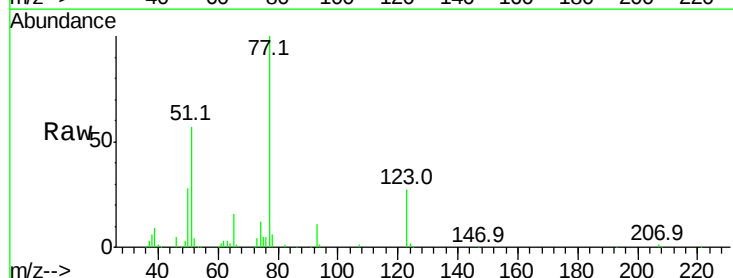
Instrument :
 BNA_M
 ClientSampleId :

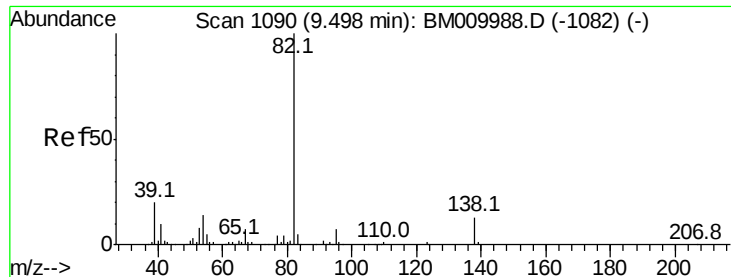
Tot Ion	82	Resp	518204
Ion Ratio	Lower	Upper	
82	100		
128	26.9	32.8	49.2#
54	61.4	40.6	60.8#



#24
 Nitrobenzene
 Concen: 47.04 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	77	Resp	261592
Ion Ratio	Lower	Upper	
77	100		
123	27.3	32.6	49.0#
65	15.9	10.9	16.3





#25

Isophorone

Concen: 46.30 ng

RT: 9.49 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

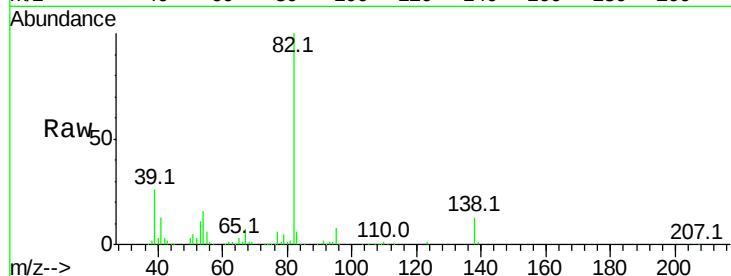
Tot Ion: 82 Resp: 416346

Ion Ratio Lower Upper

82 100

95 8.3 5.8 8.6

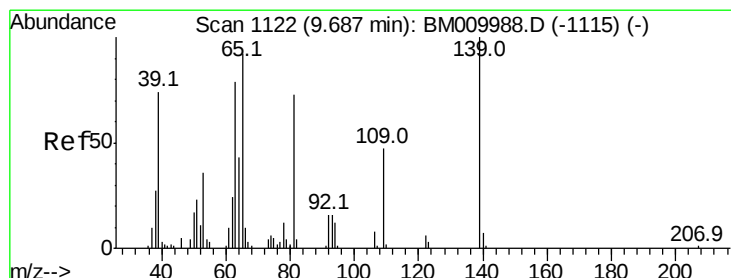
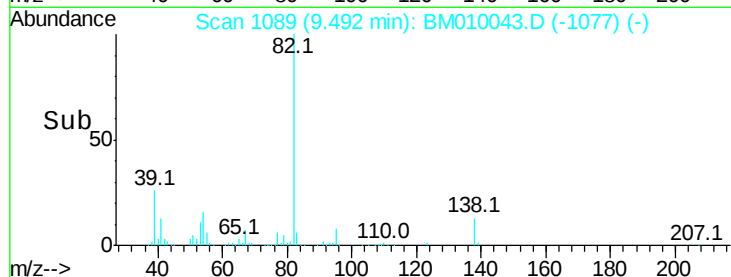
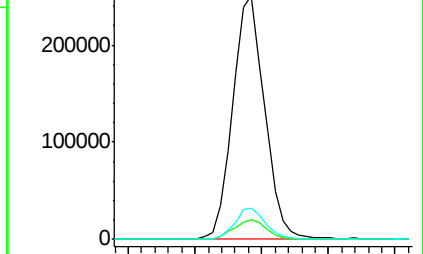
138 13.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010043.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM010043.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM010043.D (-1077) (-)



#26

2-Nitrophenol

Concen: 44.89 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

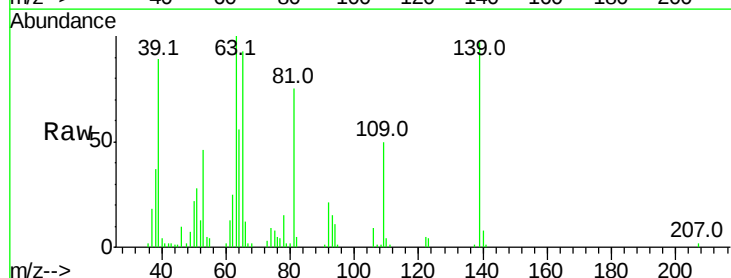
Tgt Ion: 139 Resp: 75156

Ion Ratio Lower Upper

139 100

109 51.9 20.1 30.1#

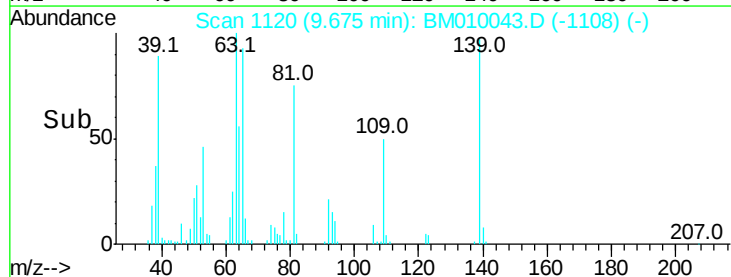
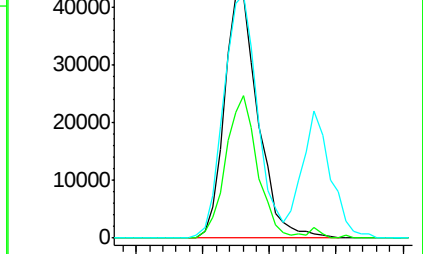
65 96.6 31.5 47.3#

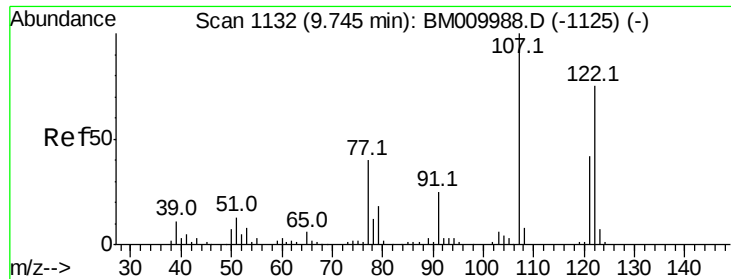


Abundance Ion 139.00 (138.70 to 139.70): BM010043.D (-1108) (-)

Ion 109.00 (108.70 to 109.70): BM010043.D (-1108) (-)

Ion 65.00 (64.70 to 65.70): BM010043.D (-1108) (-)

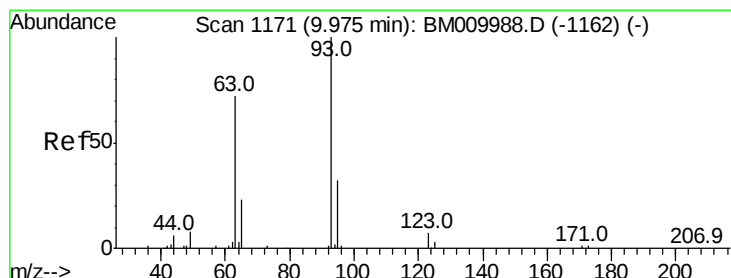
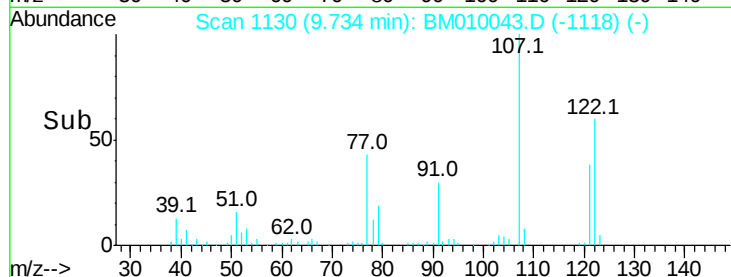
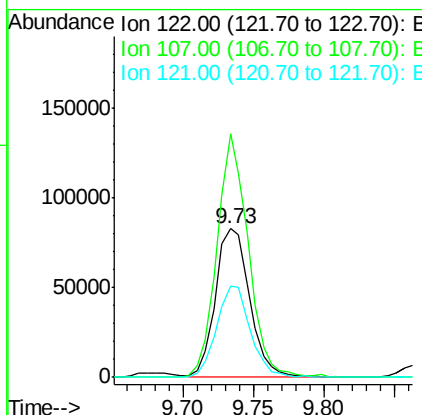
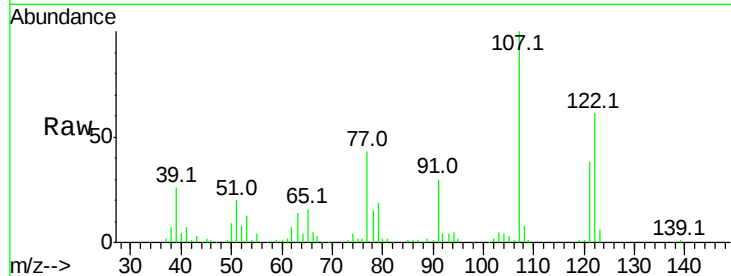




#27
 2,4-Dimethylphenol
 Concen: 44.39 ng
 RT: 9.73 min Scan# 1130
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

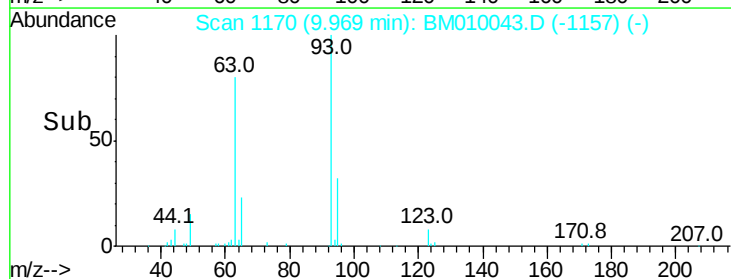
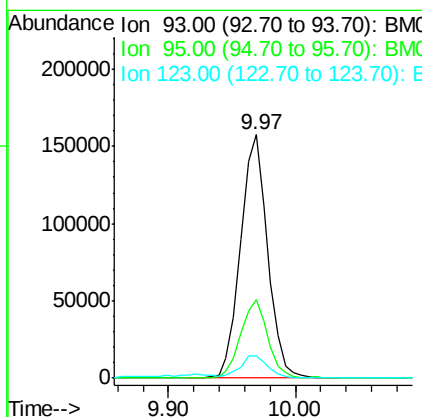
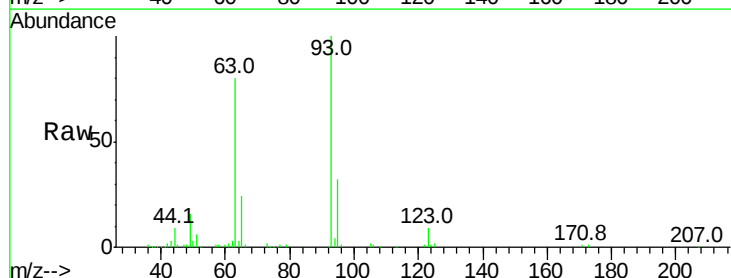
Instrument :
 BNA_M
 ClientSampleId :

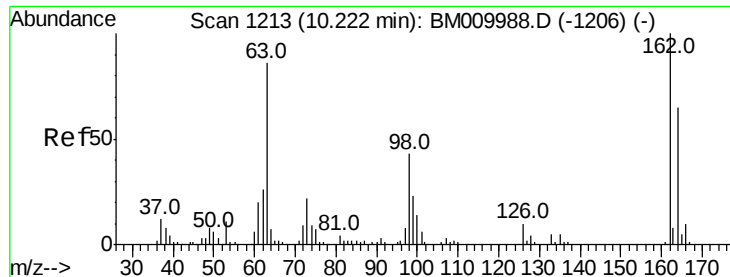
Tot Ion:122 Resp: 139114
 Ion Ratio Lower Upper
 122 100
 107 163.6 84.7 127.1#
 121 61.6 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.96 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion: 93 Resp: 232753
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.5 38.3
 123 9.2 8.6 13.0

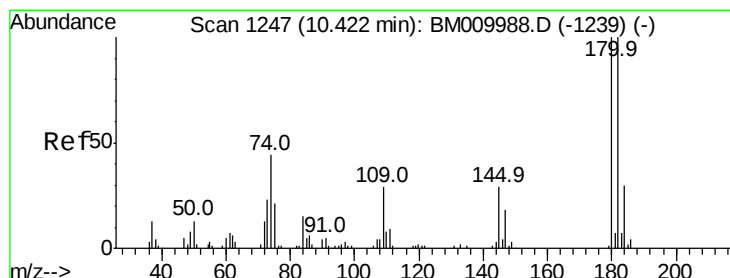
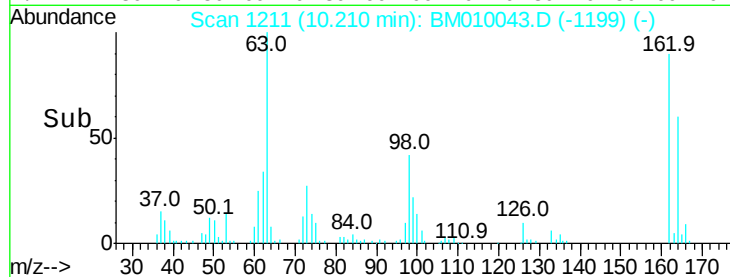
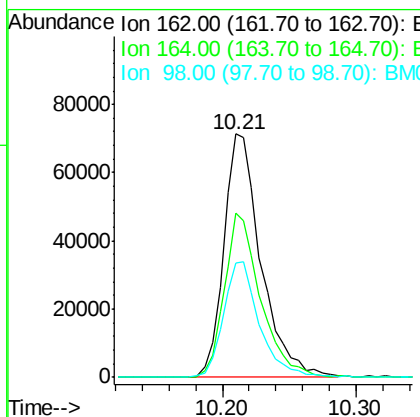
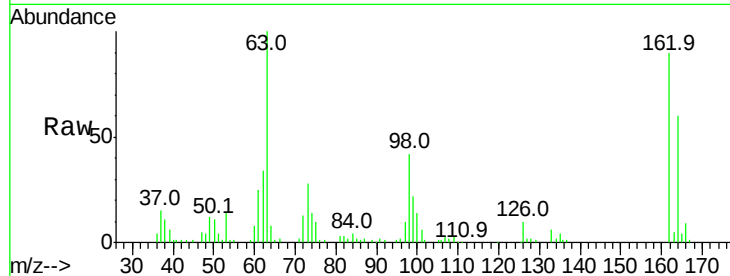




#29
 2,4-Dichlorophenol
 Concen: 45.45 ng
 RT: 10.21 min Scan# 1211
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

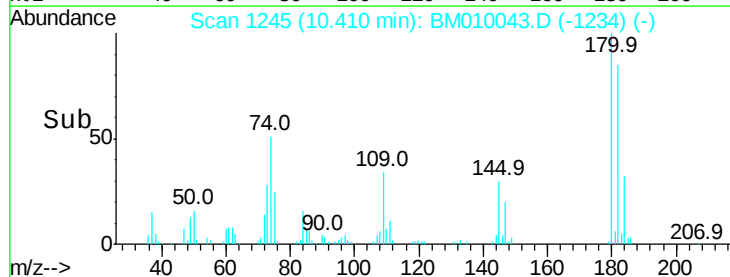
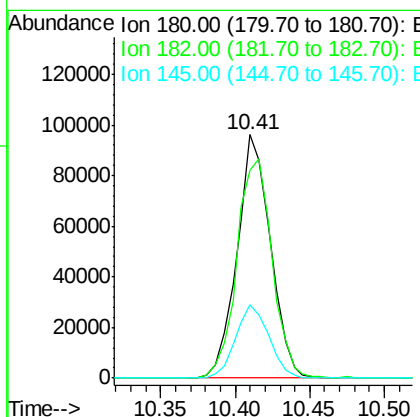
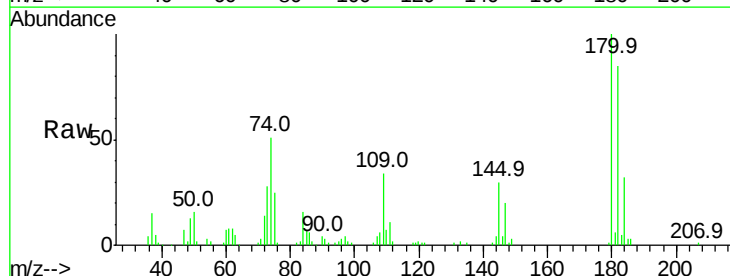
Instrument :
 BNA_M
 ClientSampleId :

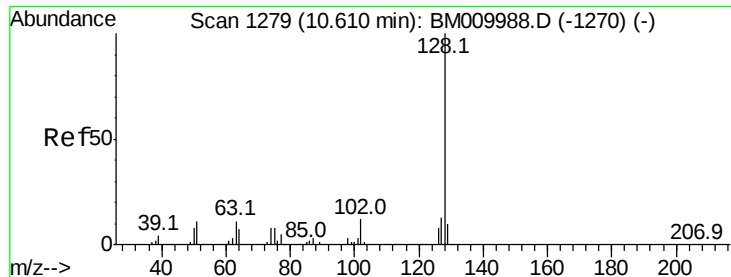
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.8	82.8
98	46.9	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.81 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.04 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.2	77.6	116.4
145	30.1	23.4	35.2

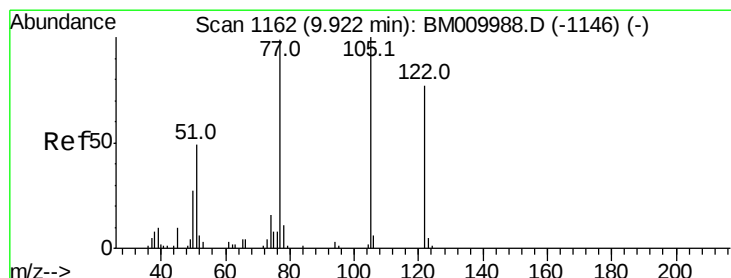
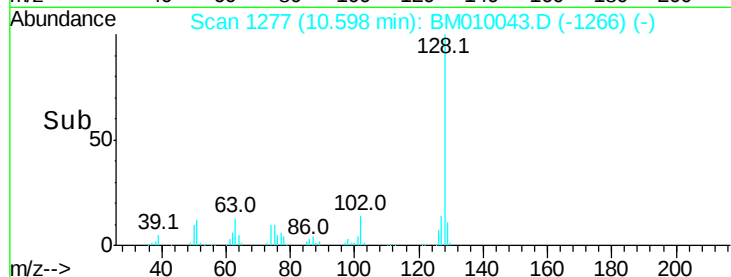
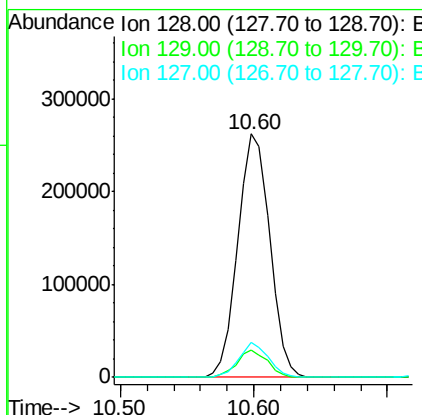
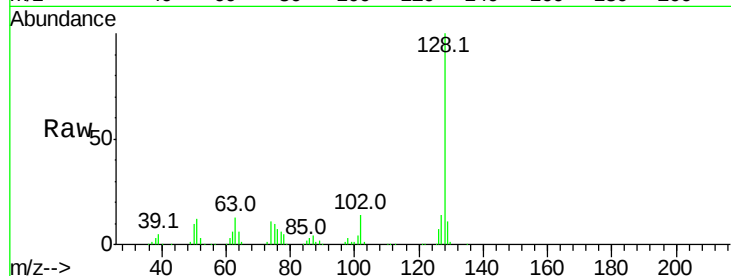




#31
Naphthalene
Concen: 41.41 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

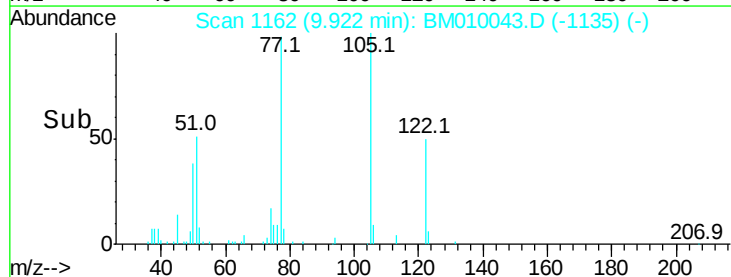
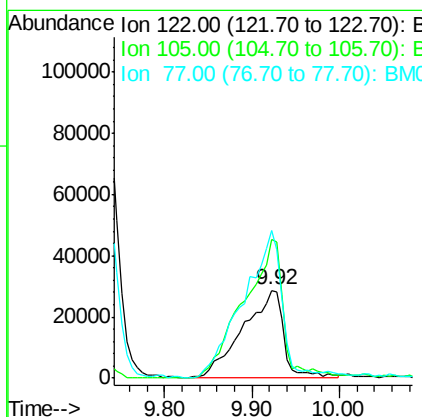
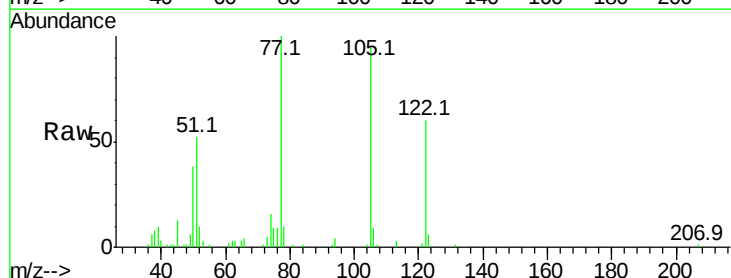
Instrument :
BNA_M
ClientSampleId :

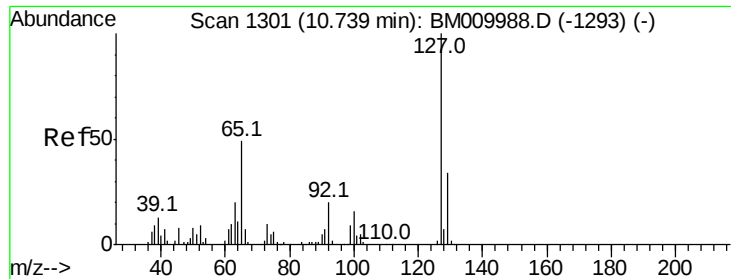
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	14.1	10.4	15.6



#32
Benzoic acid
Concen: 44.32 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	157.8	99.9	139.9#
77	166.9	73.7	113.7#

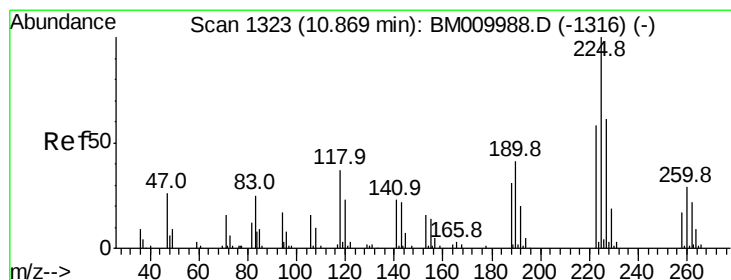
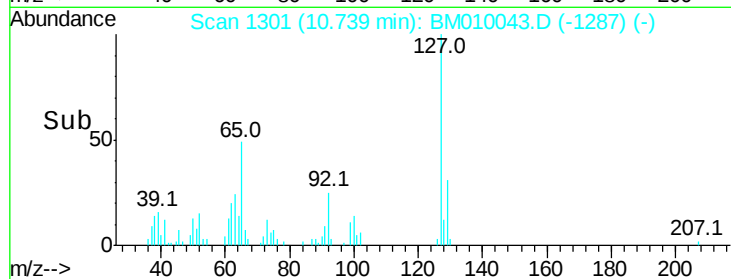
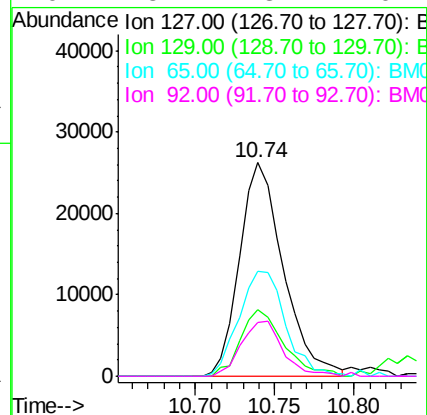
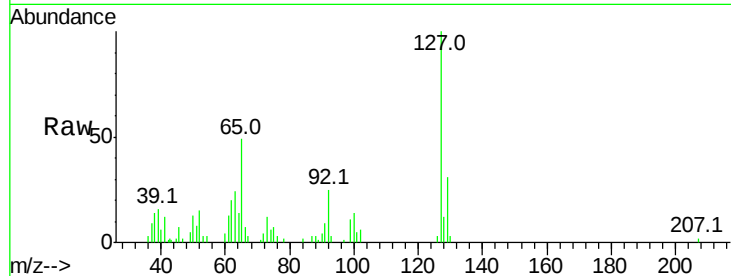




#33
4-Chloroaniline
Concen: 11.26 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

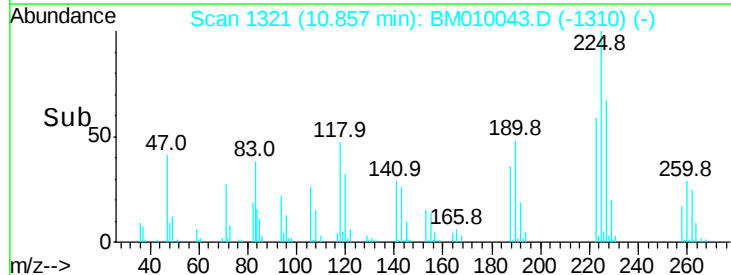
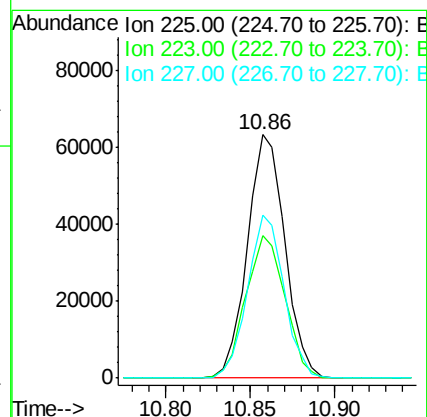
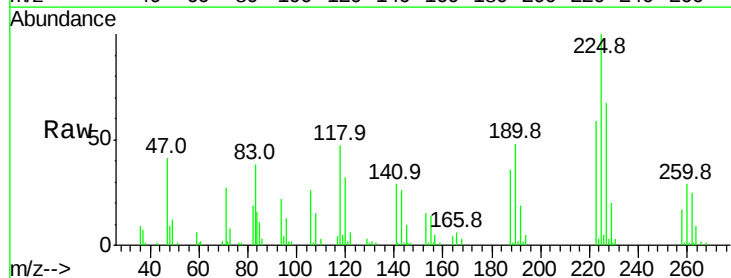
Instrument :
BNA_M
ClientSampled :

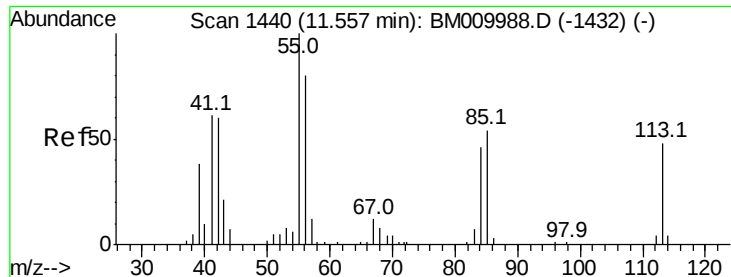
Tot Ion:	127	Resp:	50337
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	49.0	17.6	26.4
92	25.4	13.1	19.7



#34
Hexachlorobutadiene
Concen: 40.42 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:	225	Resp:	97921
Ion	Ratio	Lower	Upper
225	100		
223	58.5	47.9	71.9
227	66.9	50.1	75.1

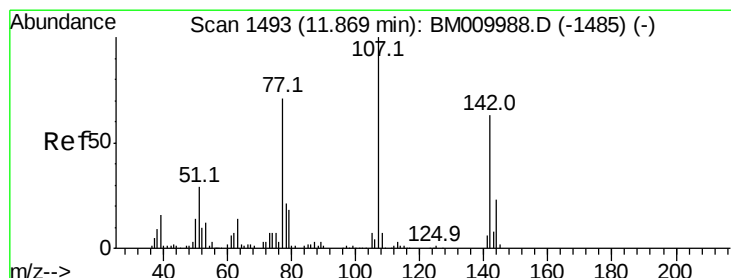
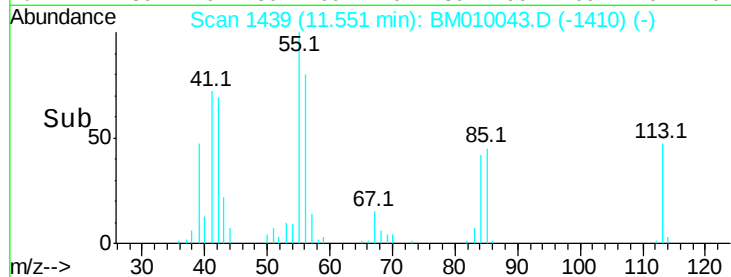
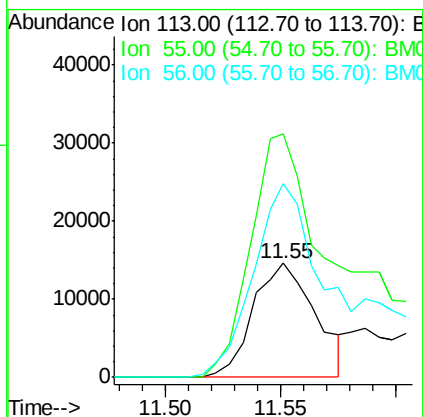
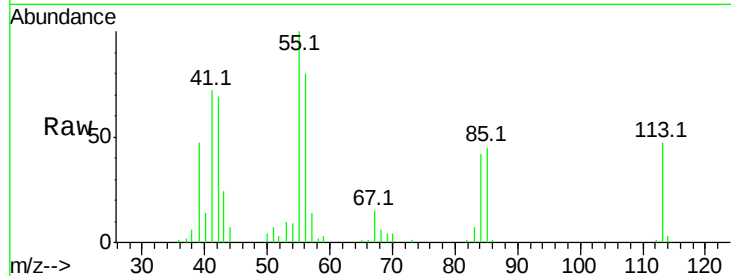




#35
 Caprolactam
 Concen: 22.95 ng
 RT: 11.55 min Scan# 1439
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

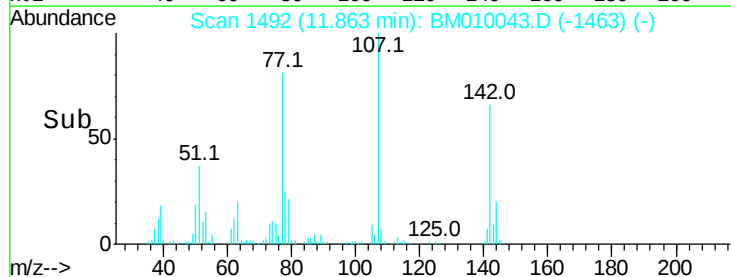
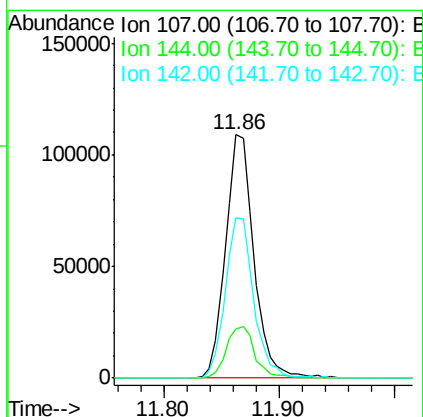
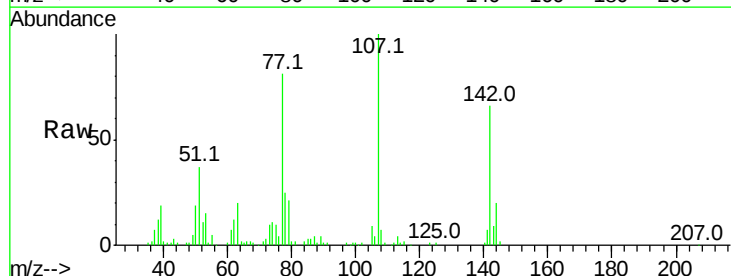
Instrument :
 BNA_M
 ClientSampleId :

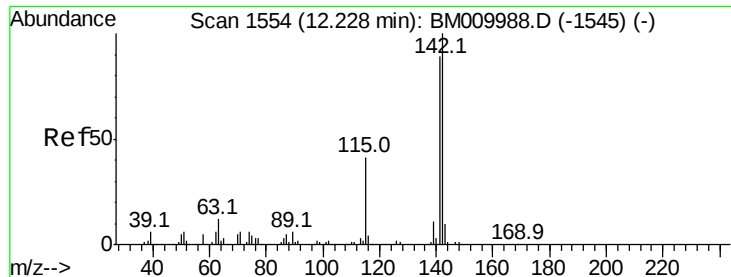
Tot Ion:113 Resp: 27342
 Ion Ratio Lower Upper
 113 100
 55 214.1 145.9 185.9#
 56 170.6 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 45.53 ng
 RT: 11.86 min Scan# 1492
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion:107 Resp: 185562
 Ion Ratio Lower Upper
 107 100
 144 19.9 23.3 34.9#
 142 65.7 72.6 109.0#

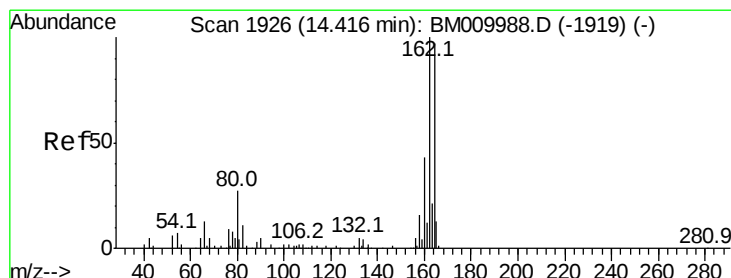
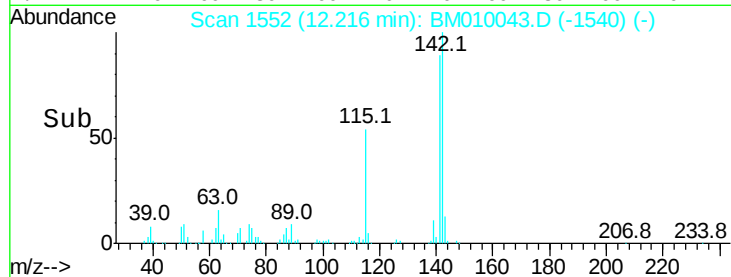
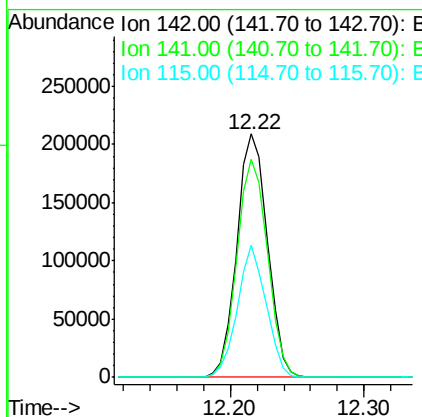
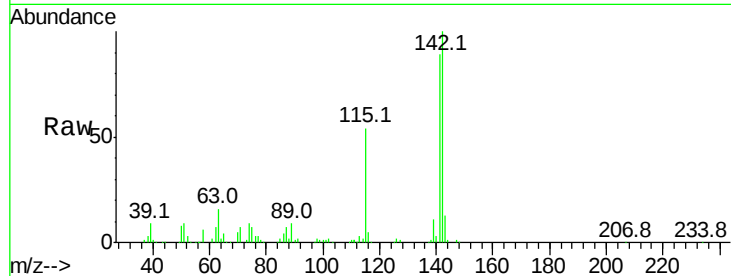




#37
 2-Methylnaphthalene
 Concen: 44.11 ng
 RT: 12.22 min Scan# 1552
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

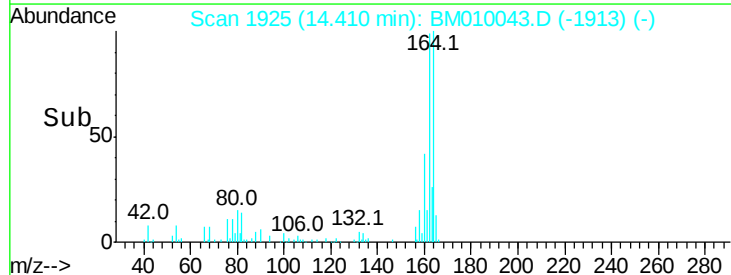
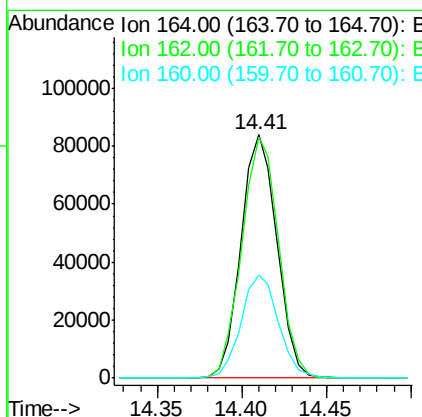
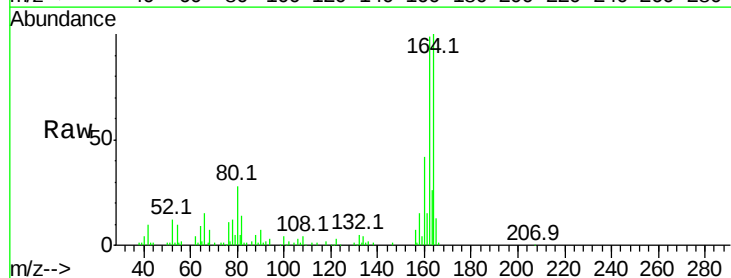
Instrument :
 BNA_M
 ClientSampleId :

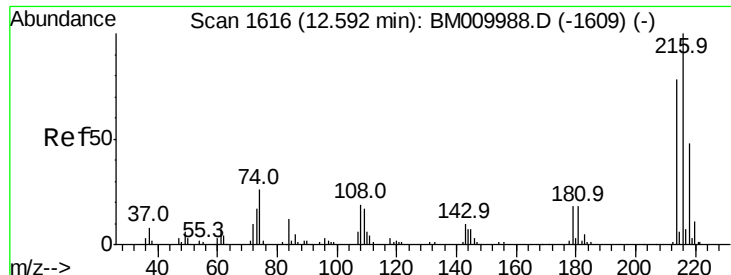
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	54.1	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.4	123.6
160	42.3	35.8	53.6

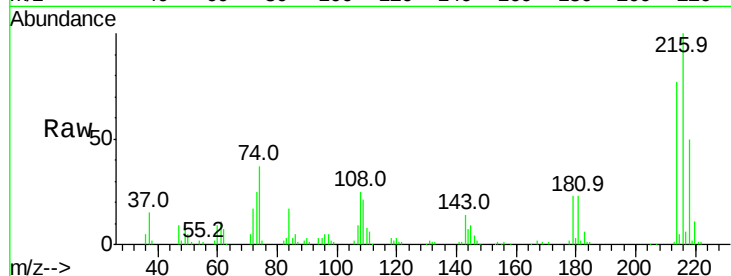




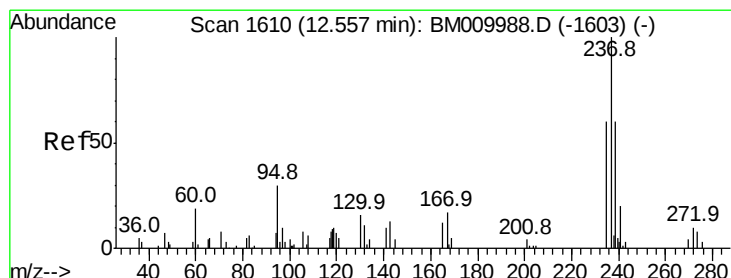
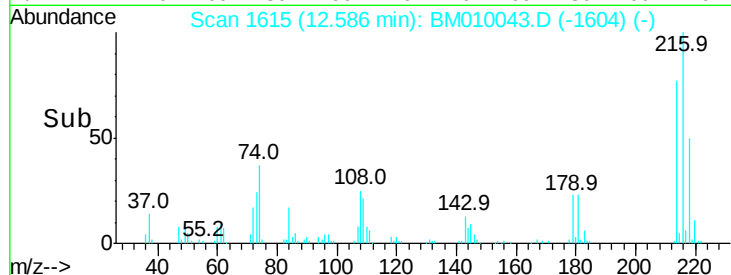
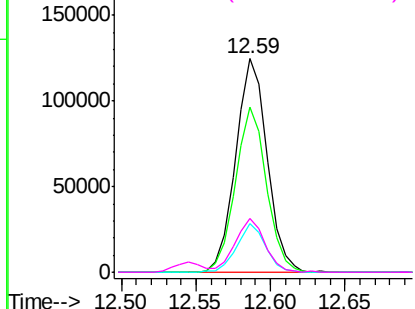
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.55 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	182764
Ion Ratio	Lower	Upper	
216	100		
214	76.5	0.0	0.0#
179	20.7	0.0	0.0#
108	23.6	0.0	0.0#

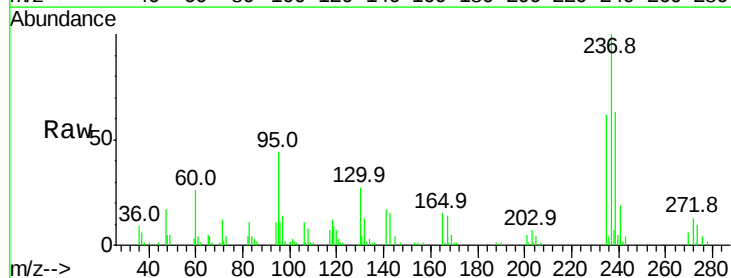


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

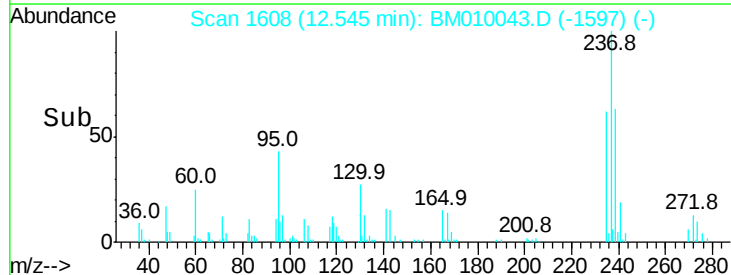
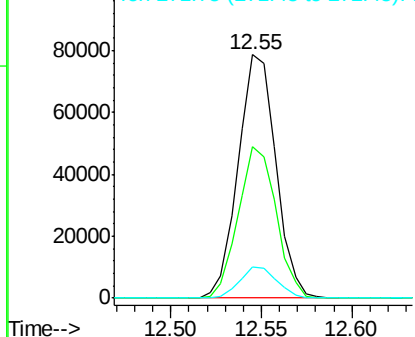


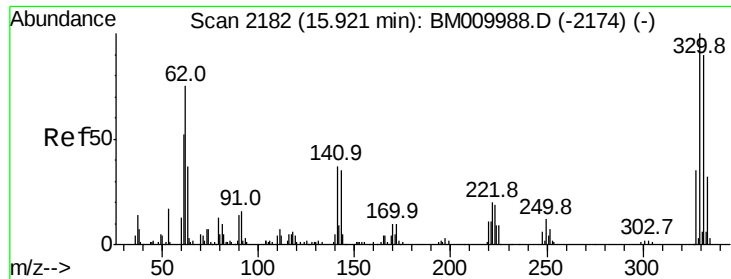
#40
 Hexachlorocyclopentadiene
 Concen: 90.96 ng
 RT: 12.55 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion:	237	Resp:	113921
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.0	82.0
272	12.6	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

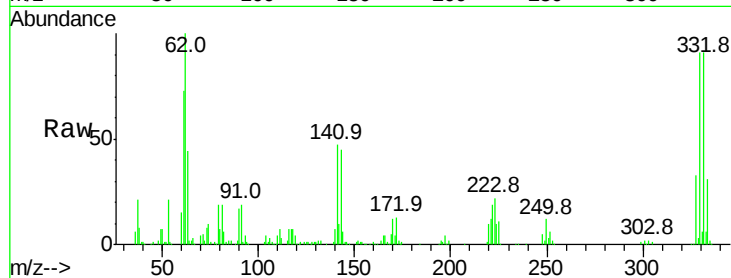




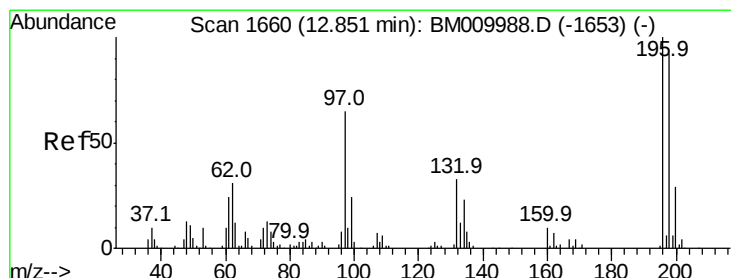
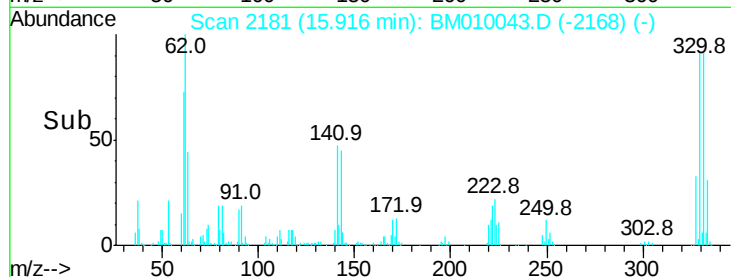
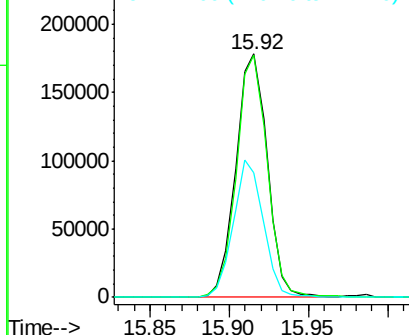
#41
 2,4,6-Tribromophenol
 Concen: 144.75 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 245293
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 54.1 0.0 0.0#

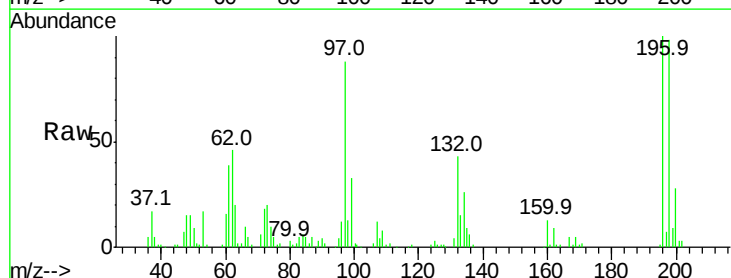


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

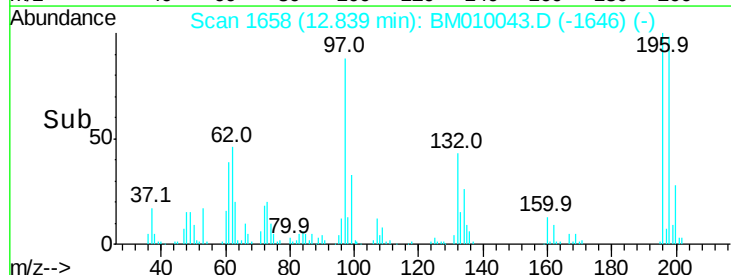
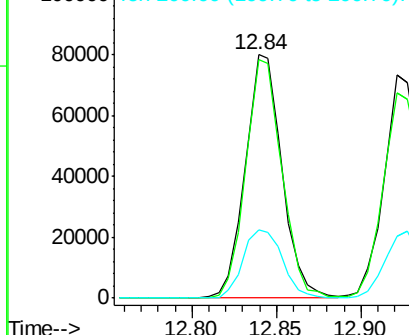


#42
 2,4,6-Trichlorophenol
 Concen: 43.66 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion:196 Resp: 121138
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.3 114.5
 200 28.1 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

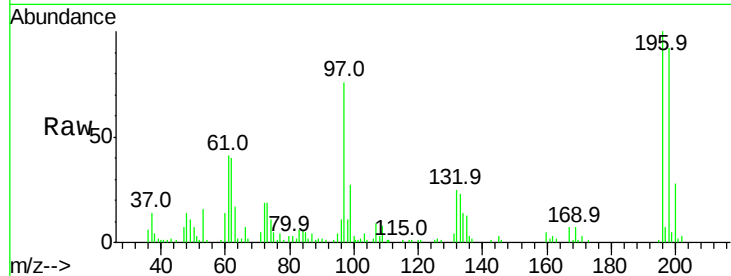




#43
 2,4,5-Trichlorophenol
 Concen: 42.49 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.04 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	79.4	119.0
97	75.8	26.8	40.2
132	25.1	18.6	28.0



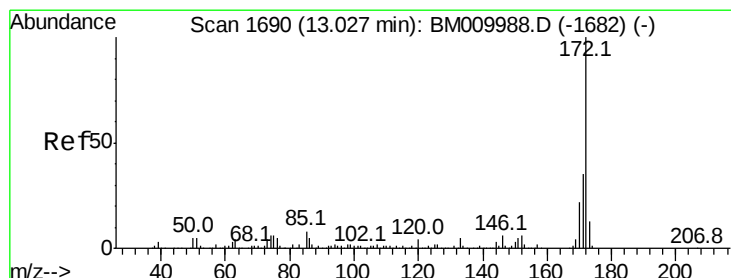
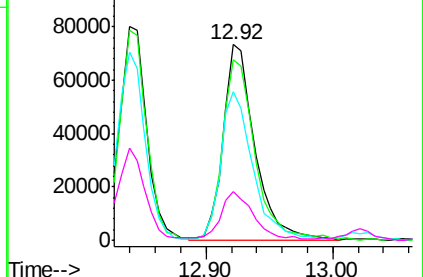
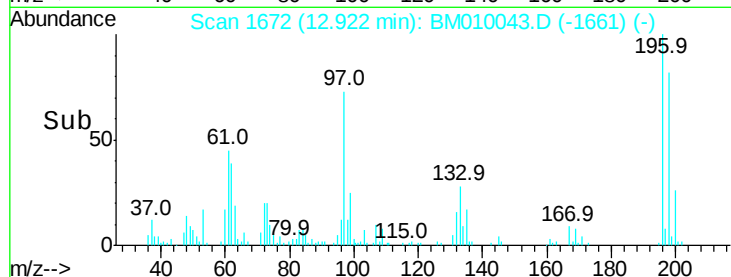
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

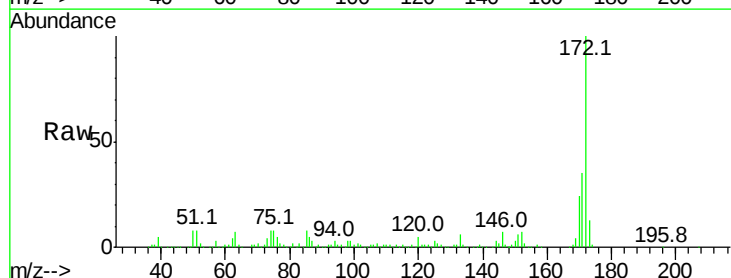
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.84 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.3	18.8	28.2

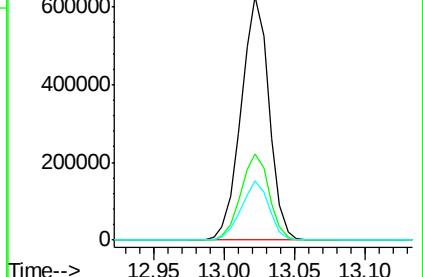
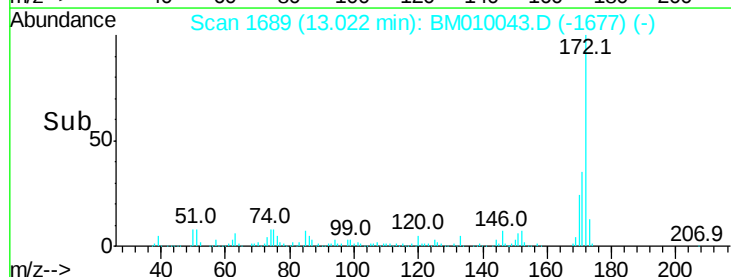


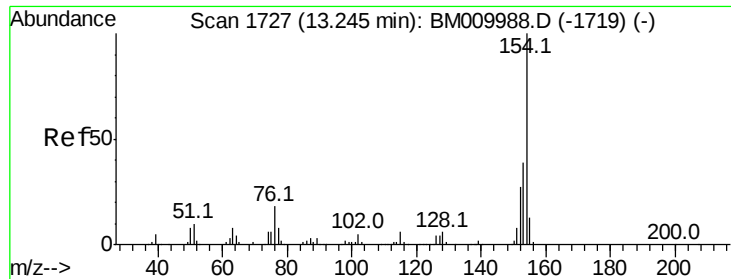
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

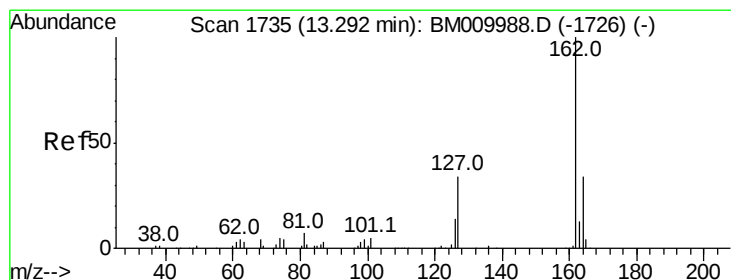
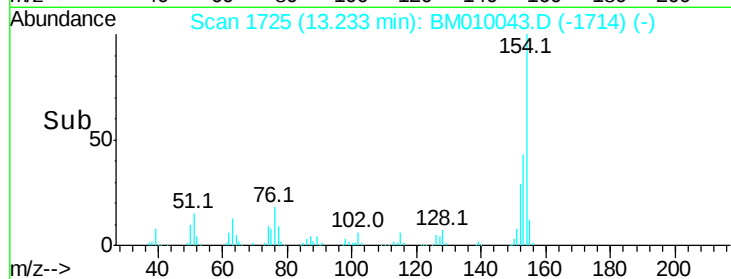
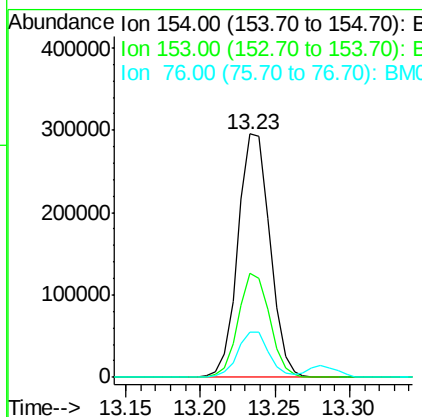
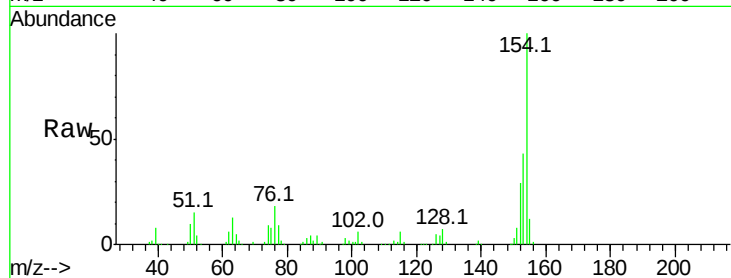




#45
 1,1'-Biphenyl
 Concen: 42.64 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.04 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

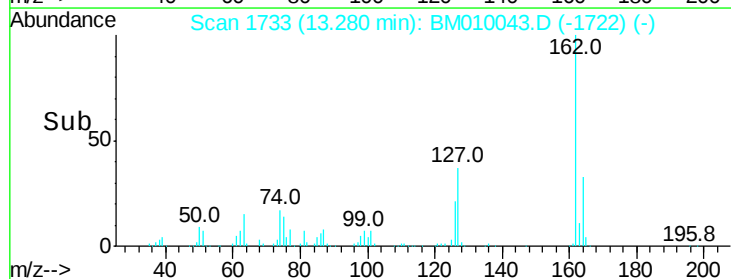
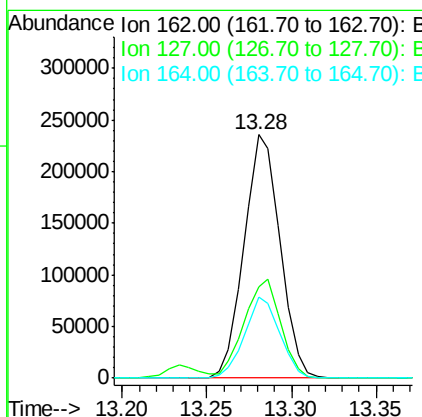
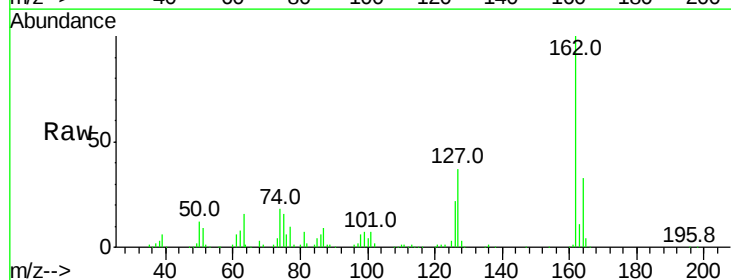
Instrument :
 BNA_M
 ClientSampleId :

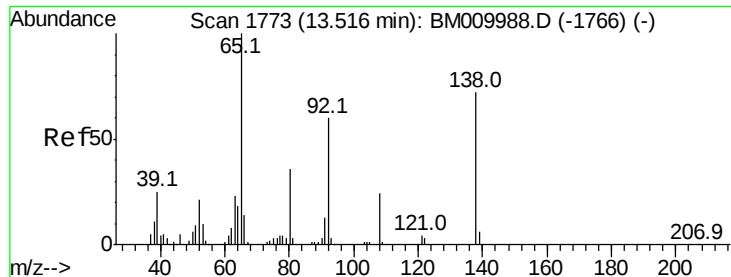
Tot Ion	154	153	76
Resp:	439385		
Ion Ratio	100	42.7	18.5
Lower		20.7	0.0
Upper		60.7	30.9



#46
 2-Chloronaphthalene
 Concen: 43.17 ng
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	162	127	164
Resp:	349555		
Ion Ratio	100	37.5	33.3
Lower		26.9	26.8
Upper		40.3	40.2

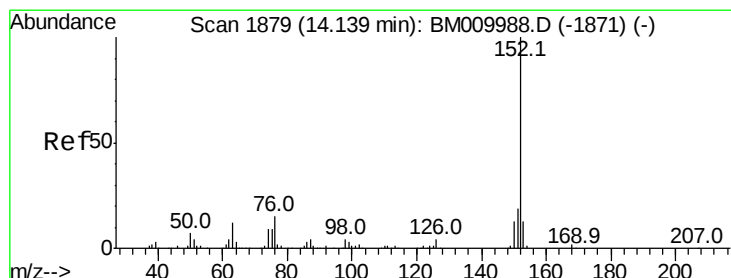
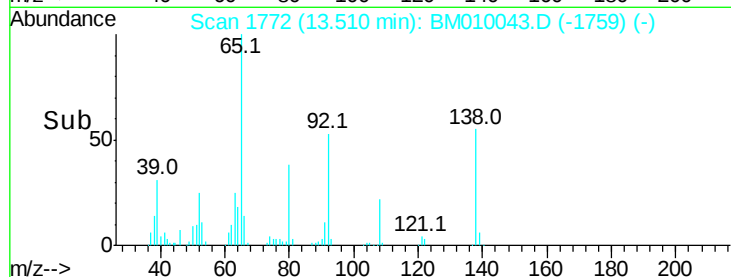
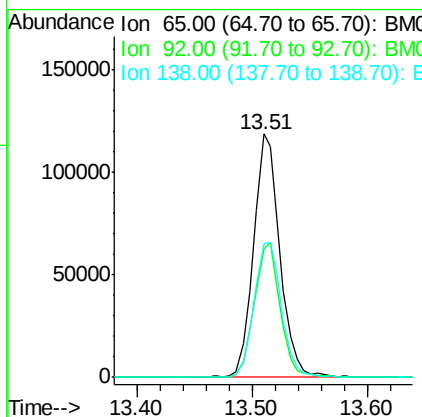
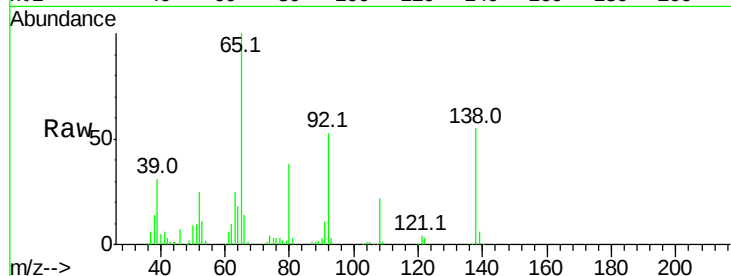




#47
2-Nitroaniline
Concen: 51.24 ng
RT: 13.51 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

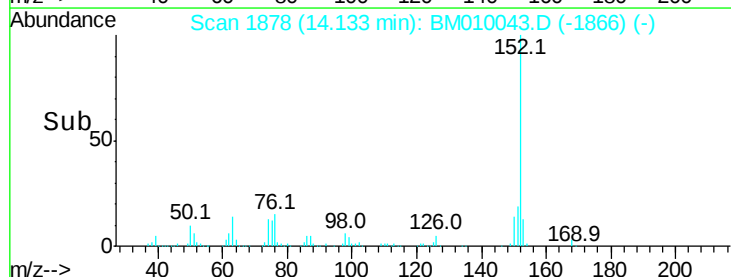
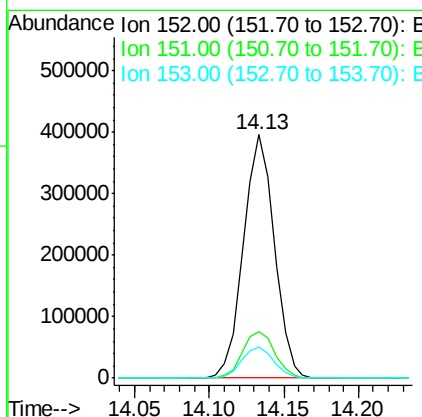
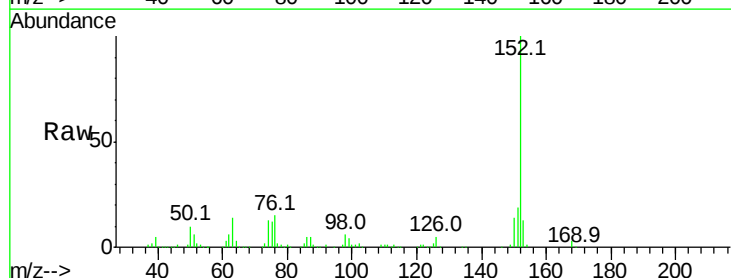
Instrument :
BNA_M
ClientSampled :

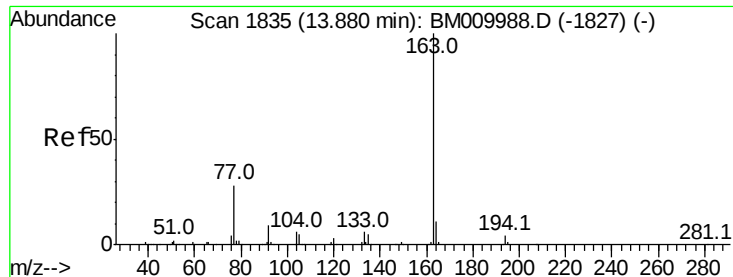
Tot Ion: 65 Resp: 187843
Ion Ratio Lower Upper
65 100
92 52.5 59.1 88.7#
138 54.9 93.9 140.9#



#48
Acenaphthylene
Concen: 44.38 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion: 152 Resp: 565984
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.7 10.6 16.0

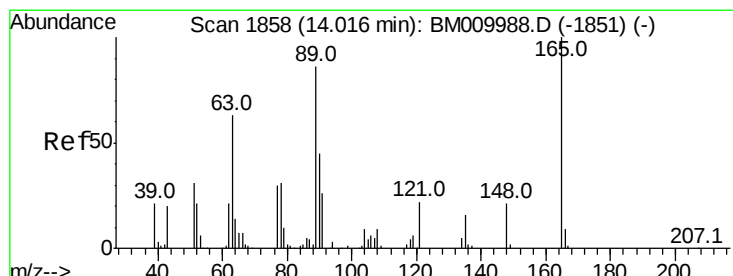
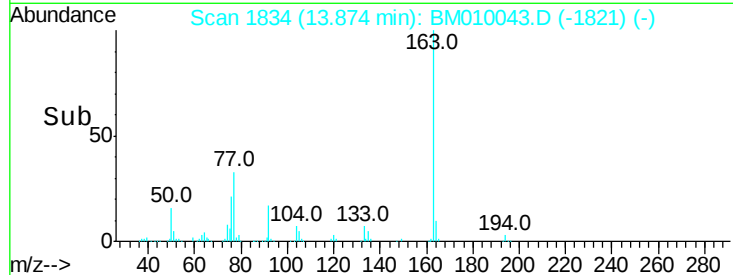
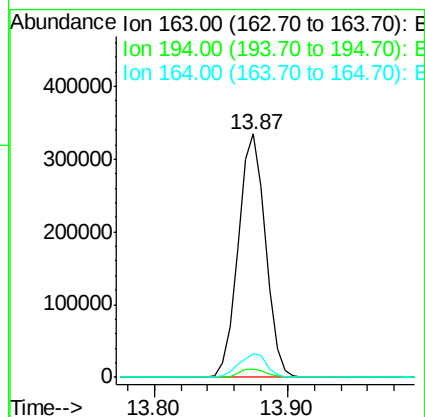
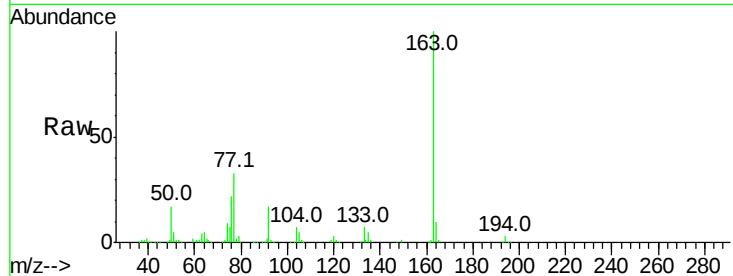




#49
Dimethylphthalate
Concen: 43.31 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

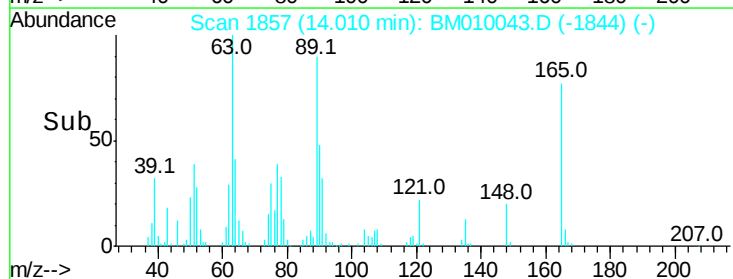
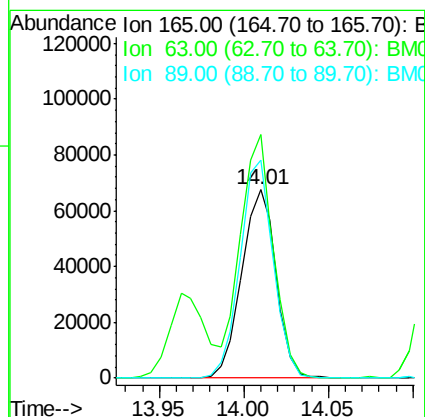
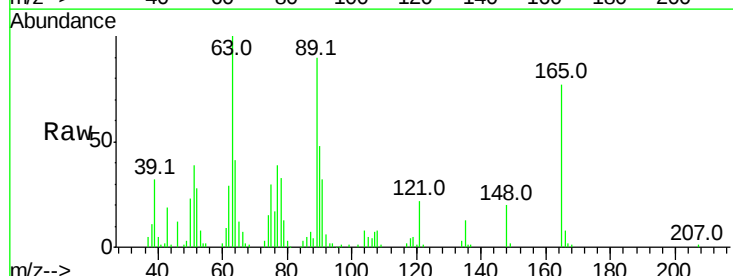
Instrument :
BNA_M
ClientSampled :

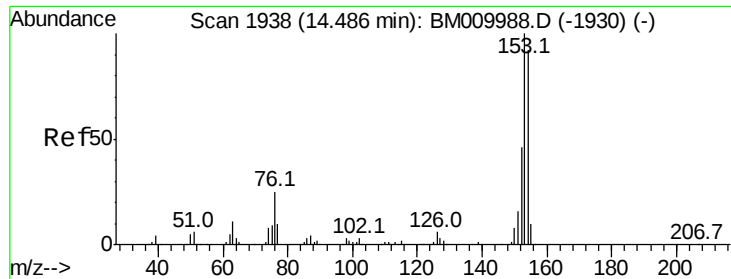
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 43.19 ng
RT: 14.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	129.3	44.1	66.1#
89	116.0	44.3	66.5#

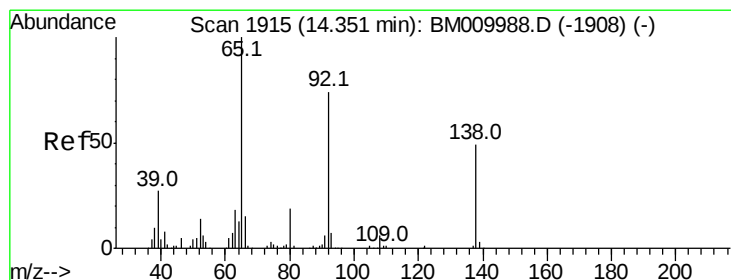
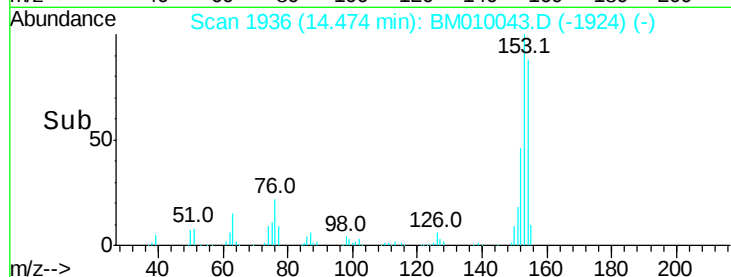
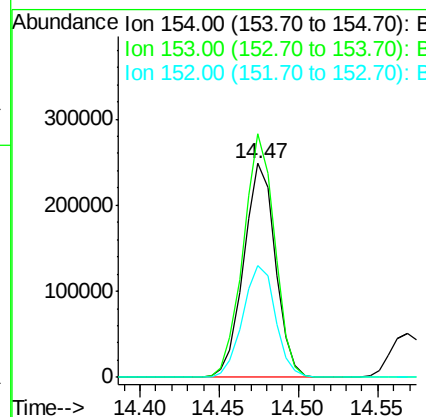
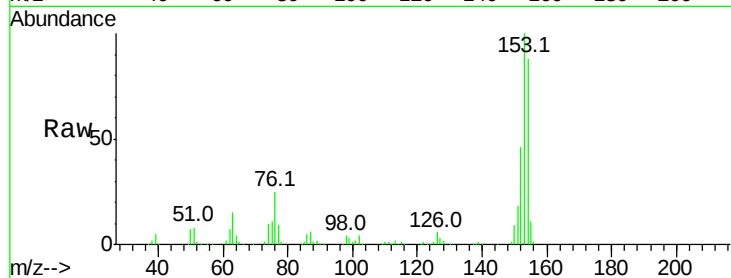




#51
Acenaphthene
Concen: 42.85 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

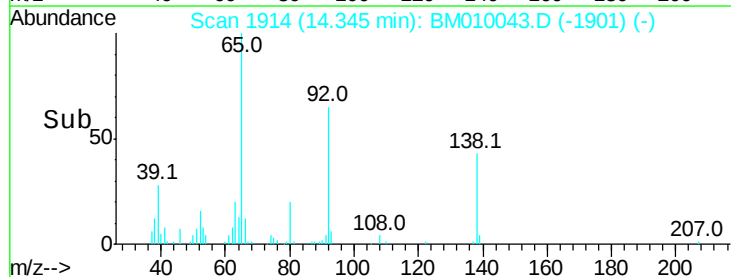
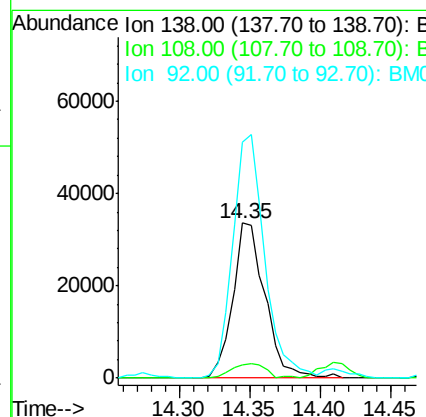
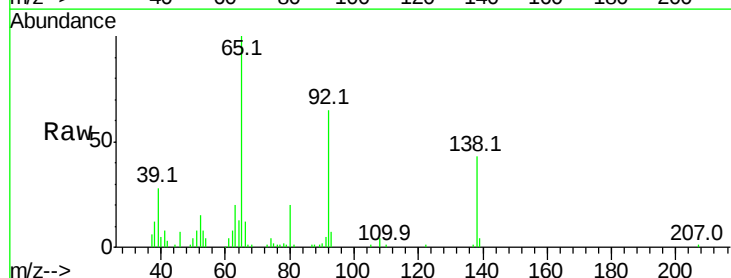
Instrument :
BNA_M
ClientSampled :

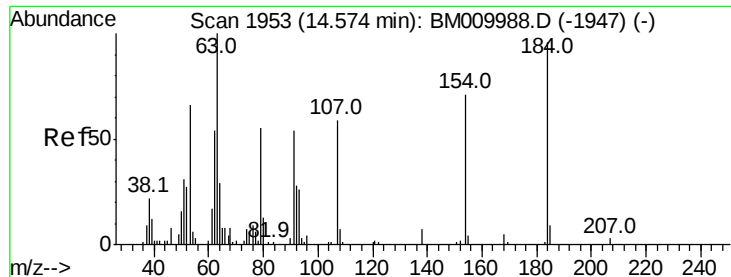
Tot Ion:154 Resp: 344338
Ion Ratio Lower Upper
154 100
153 113.9 90.0 135.0
152 52.0 42.6 63.8



#52
3-Nitroaniline
Concen: 22.79 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:138 Resp: 53530
Ion Ratio Lower Upper
138 100
108 8.4 7.3 10.9
92 152.0 76.6 114.8#

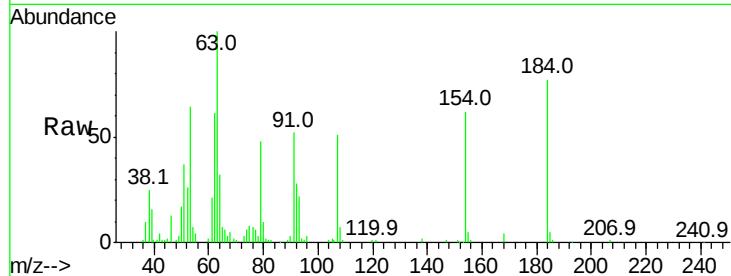




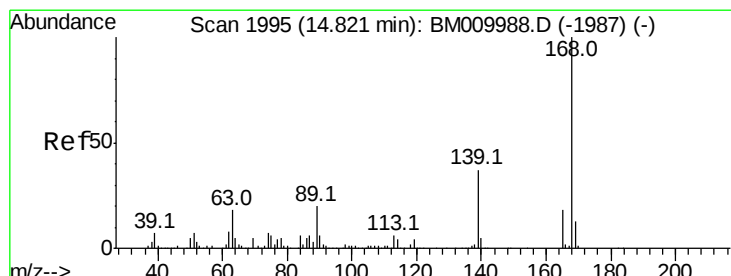
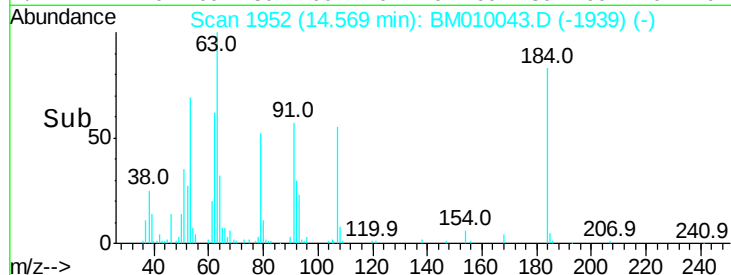
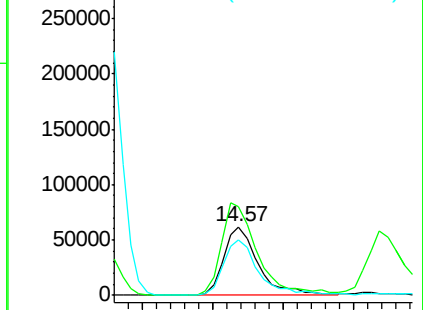
#53
2,4-Dinitrophenol
Concen: 80.07 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 105400
Ion Ratio Lower Upper
184 100
63 130.3 69.2 103.8#
154 81.3 53.3 79.9#

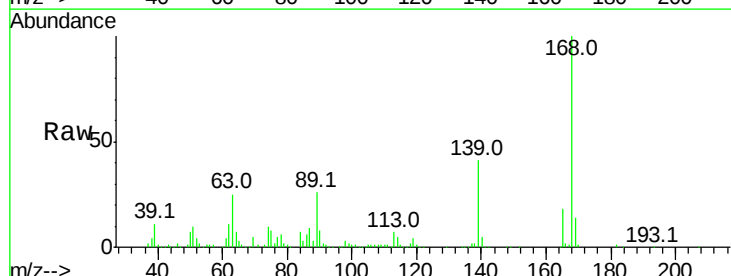


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

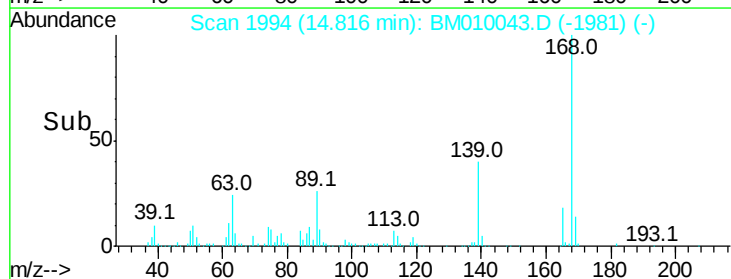
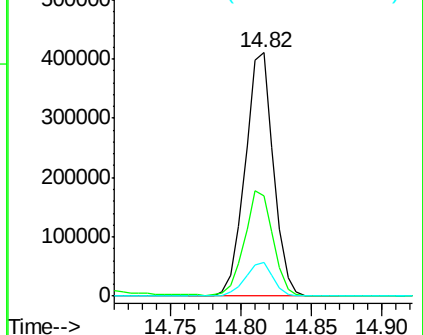


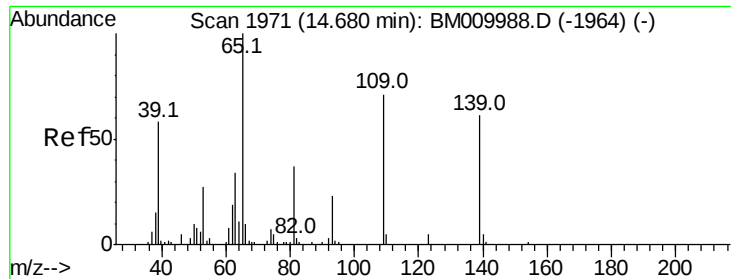
#54
Dibenzofuran
Concen: 46.75 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:168 Resp: 575536
Ion Ratio Lower Upper
168 100
139 41.1 27.3 40.9#
169 14.0 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

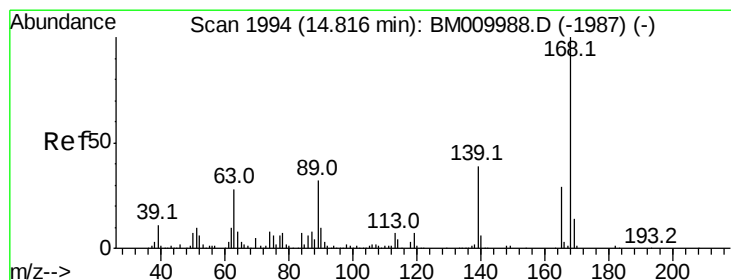
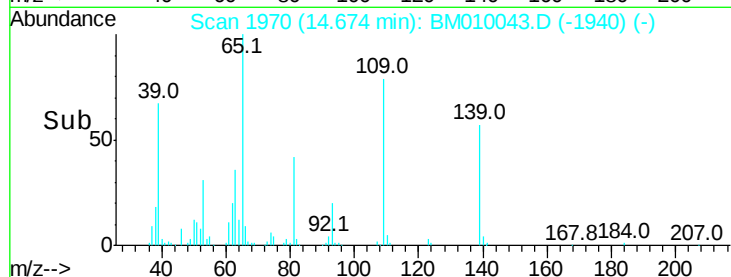
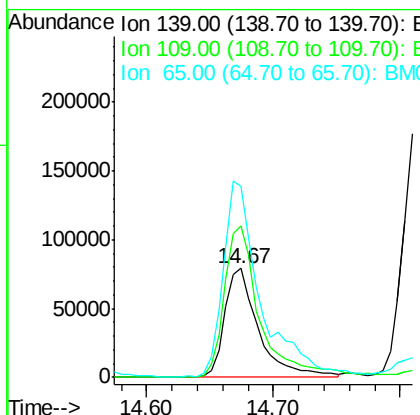
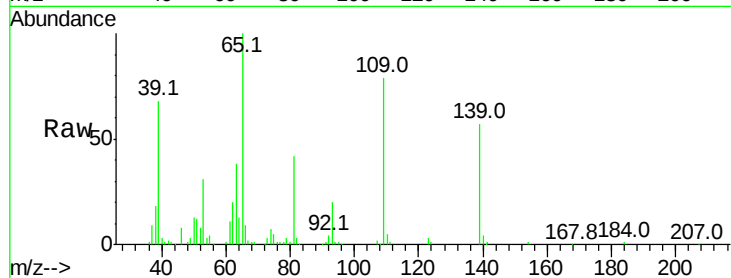




#55
4-Nitrophenol
Concen: 93.61 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

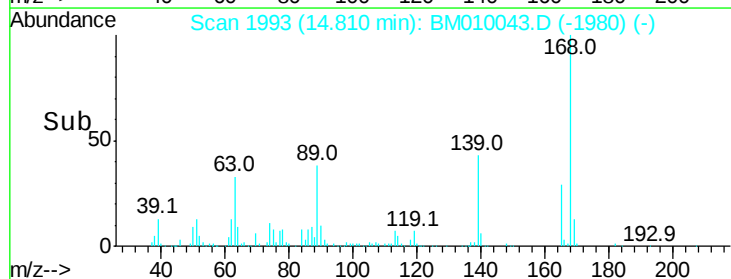
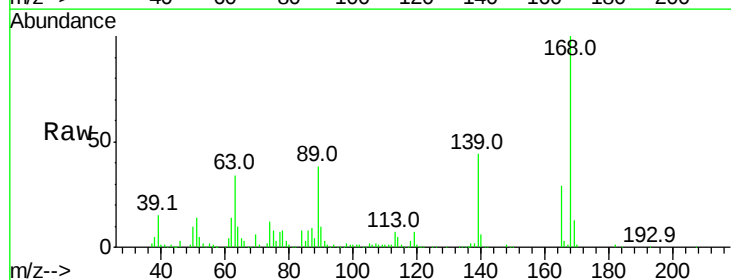
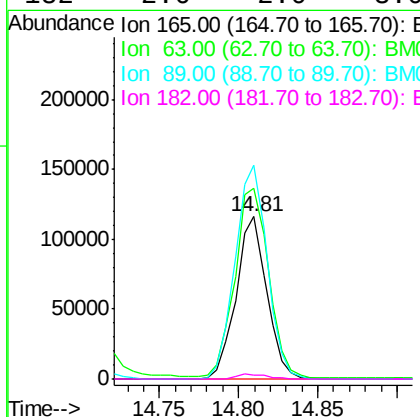
Instrument :
BNA_M
ClientSampleId :

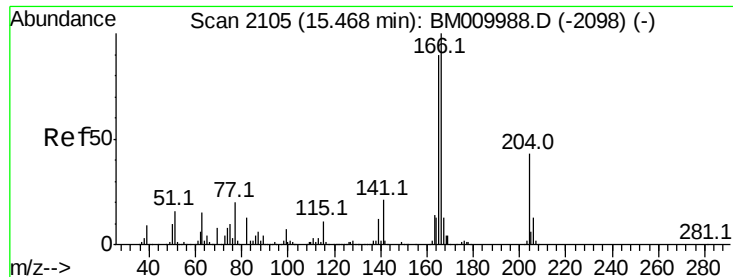
Tot Ion:139 Resp: 147239
Ion Ratio Lower Upper
139 100
109 138.6 37.7 77.7#
65 175.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 47.62 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:165 Resp: 155815
Ion Ratio Lower Upper
165 100
63 117.8 52.4 78.6#
89 131.7 72.4 108.6#
182 2.6 2.0 3.0





#57

Fluorene

Concen: 44.81 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

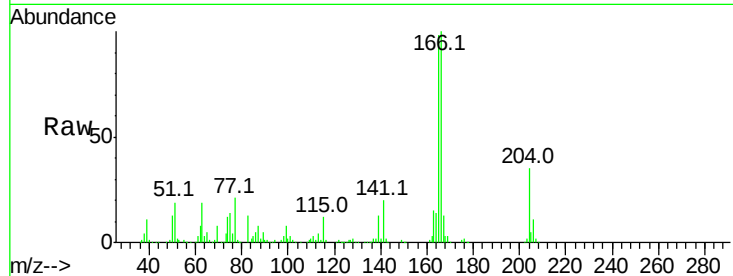
Tot Ion:166 Resp: 486364

Ion Ratio Lower Upper

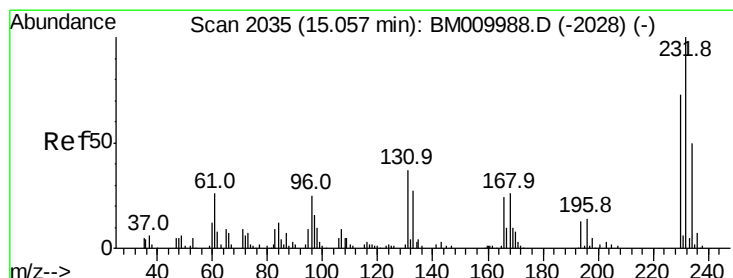
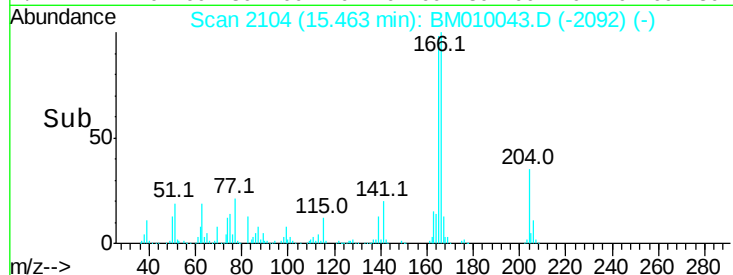
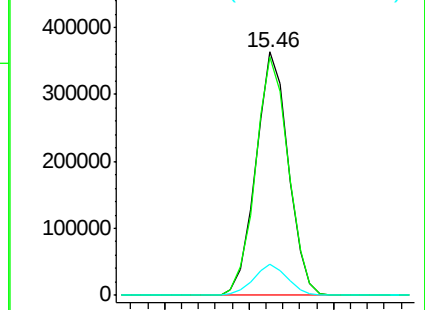
166 100

165 98.1 79.0 118.4

167 13.0 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: 46.76 ng

RT: 15.05 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Tgt Ion:232 Resp: 121751

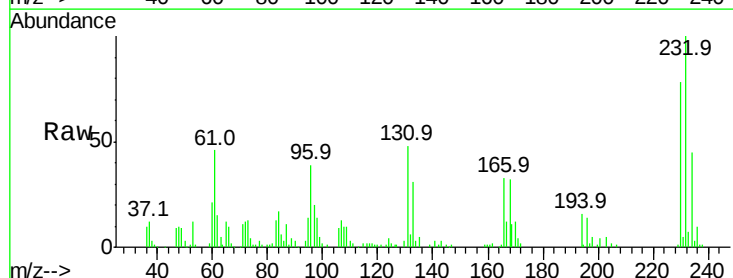
Ion Ratio Lower Upper

232 100

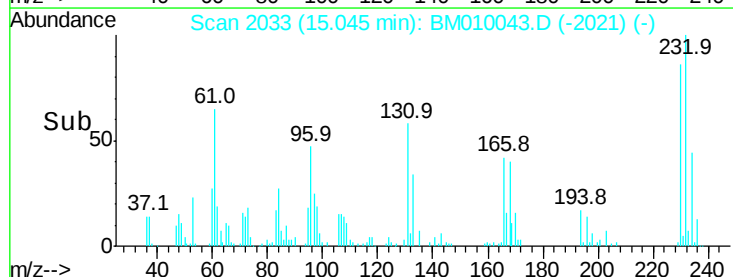
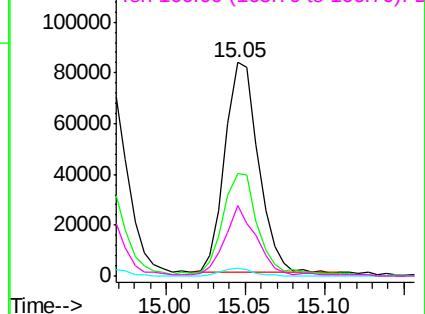
131 50.3 0.0 0.0#

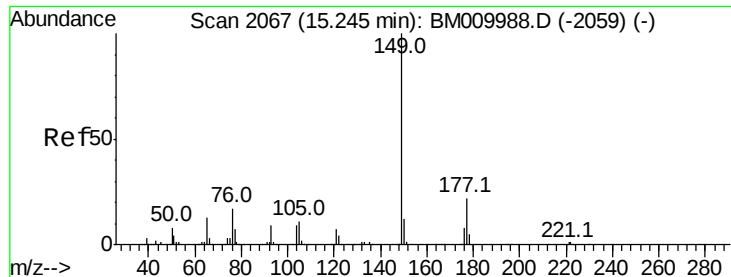
130 3.3 0.0 0.0#

166 30.8 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

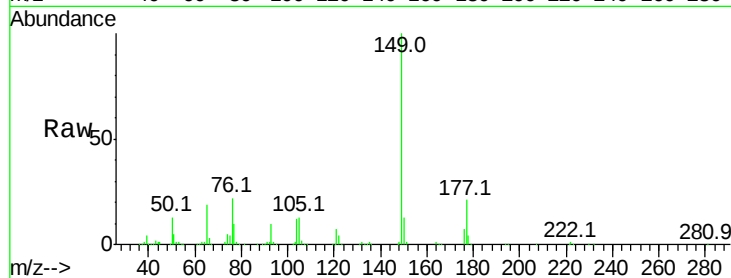




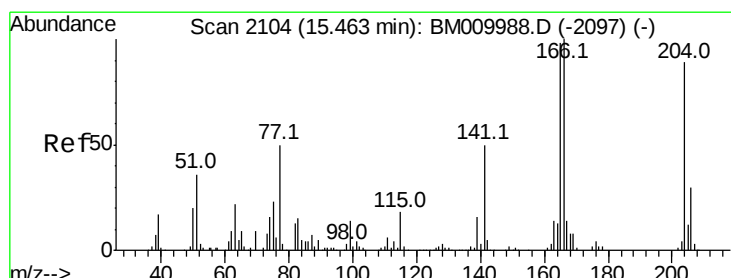
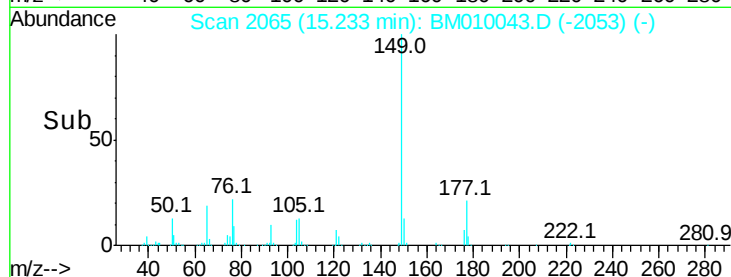
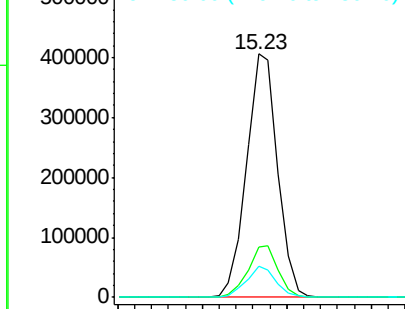
#59
Diethylphthalate
Concen: 45.25 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 518487
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 12.5 9.8 14.8

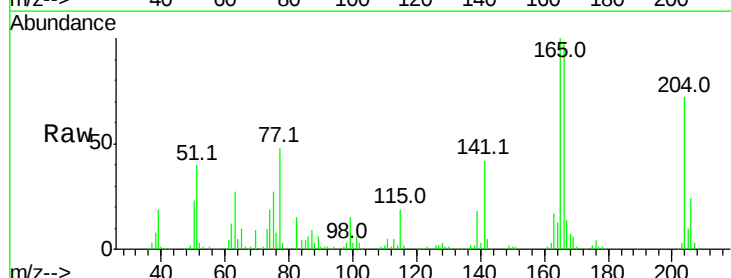


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

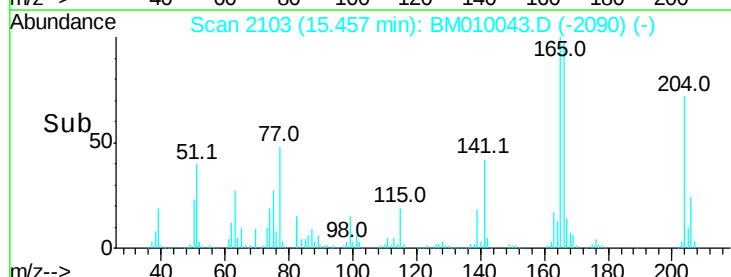
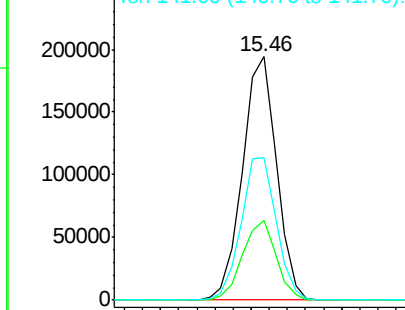


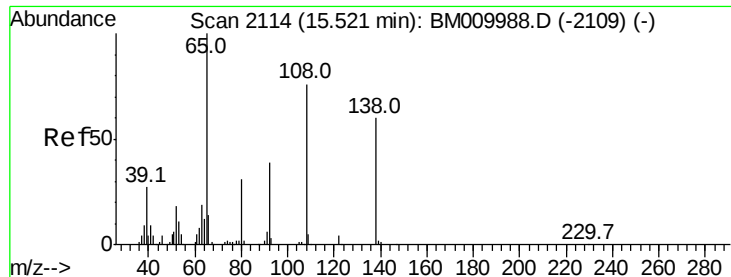
#60
4-Chlorophenyl-phenylether
Concen: 42.75 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:204 Resp: 253402
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 58.7 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

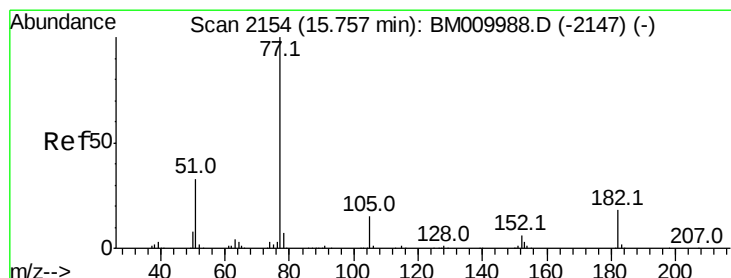
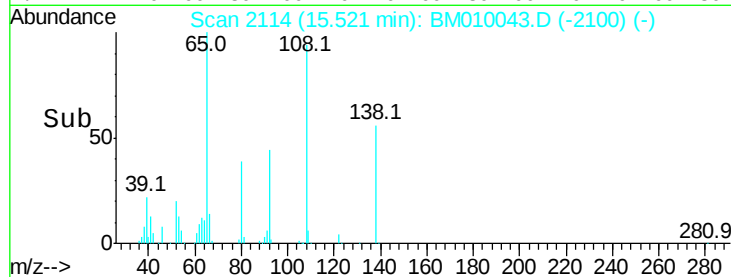
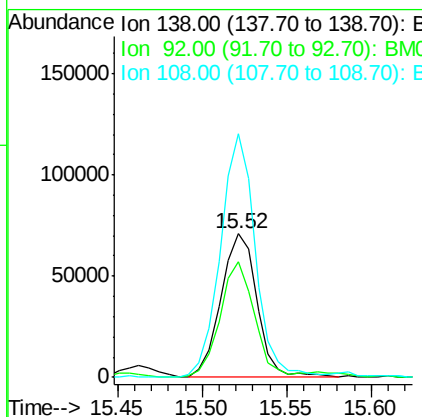
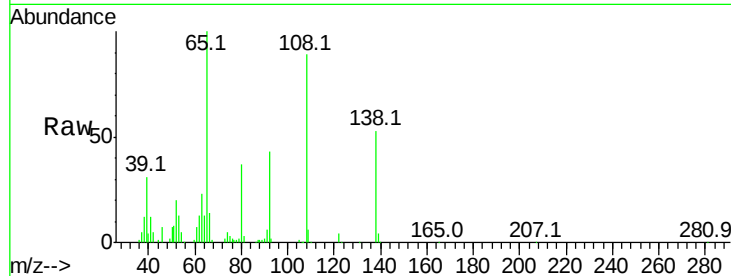




#61
4-Nitroaniline
Concen: 44.19 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

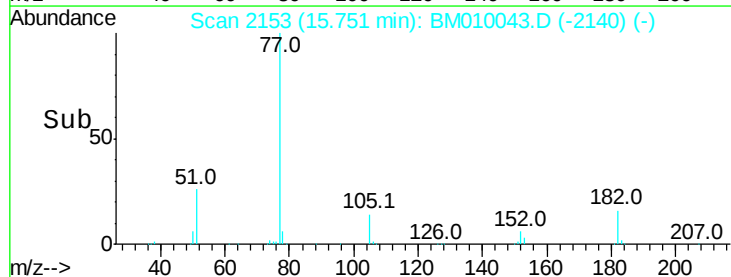
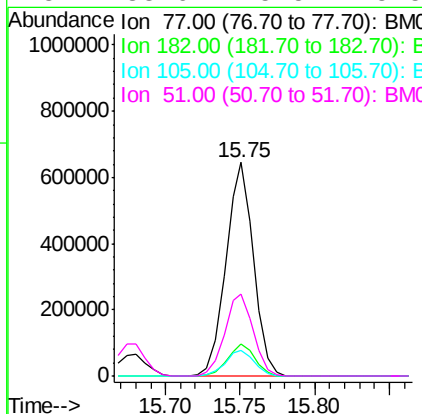
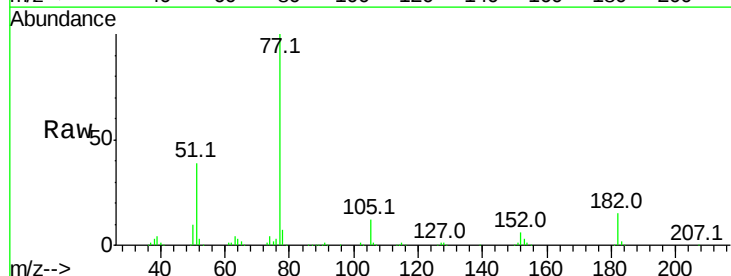
Instrument :
BNA_M
ClientSampled :

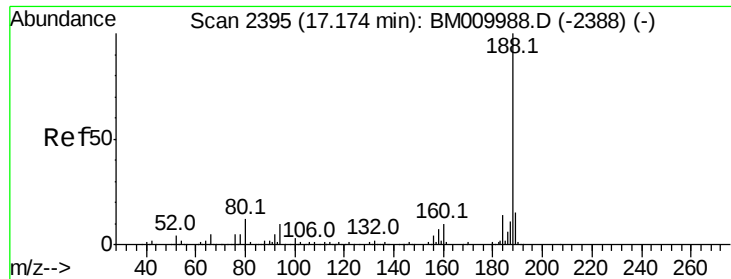
Tot Ion:138 Resp: 105760
Ion Ratio Lower Upper
138 100
92 81.0 16.7 56.7#
108 169.8 37.6 77.6#



#62
Azobenzene
Concen: 59.74 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion: 77 Resp: 830686
Ion Ratio Lower Upper
77 100
182 14.7 6.5 46.5
105 12.3 3.8 43.8
51 38.6 5.5 45.5

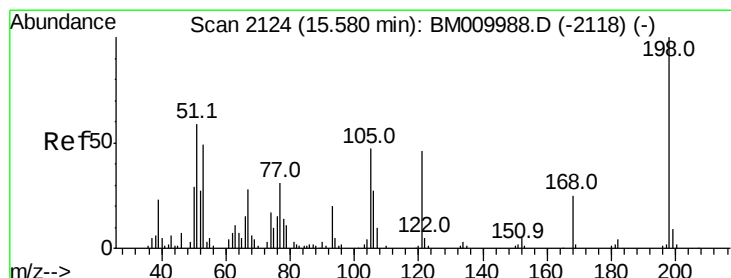
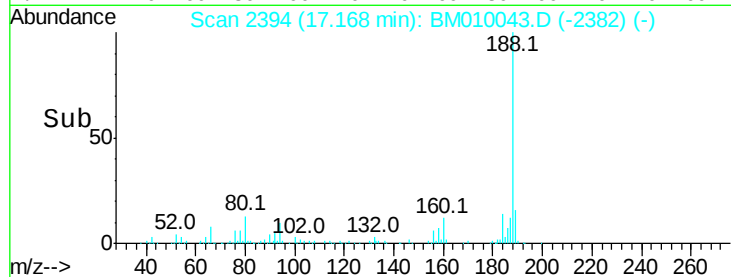
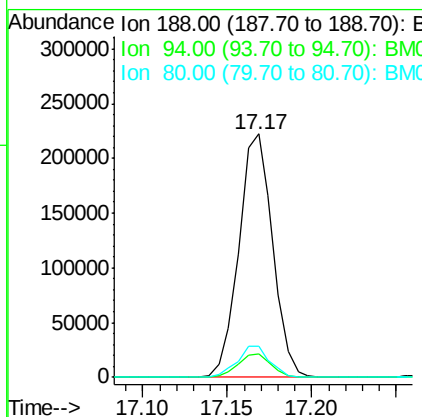
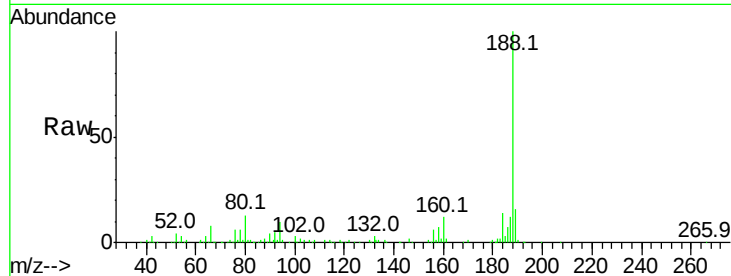




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2394
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

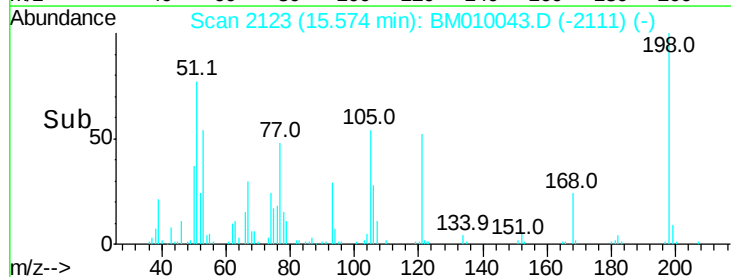
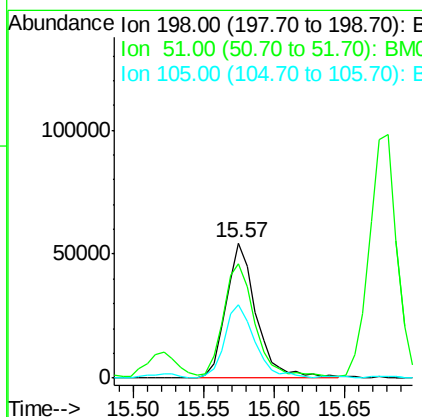
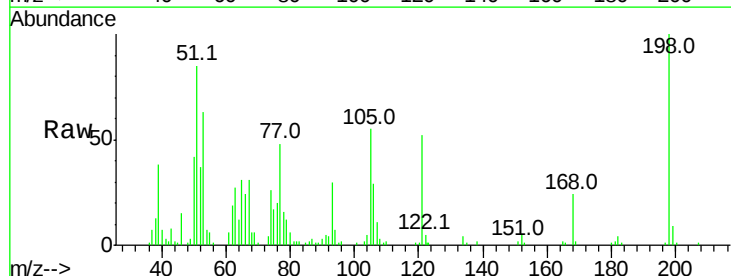
Instrument :
 BNA_M
 ClientSampleId :

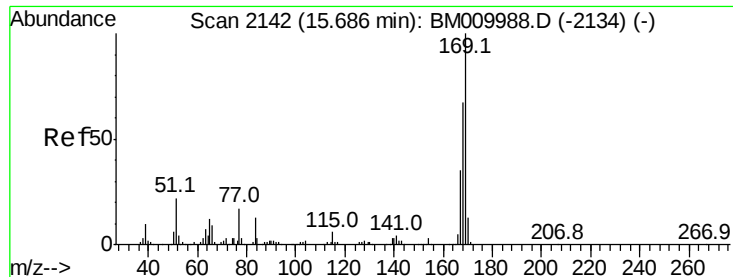
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.7	13.1
80	12.9	9.3	13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.96 ng
 RT: 15.57 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
198	100		
51	84.6	28.8	68.8#
105	54.6	30.5	70.5

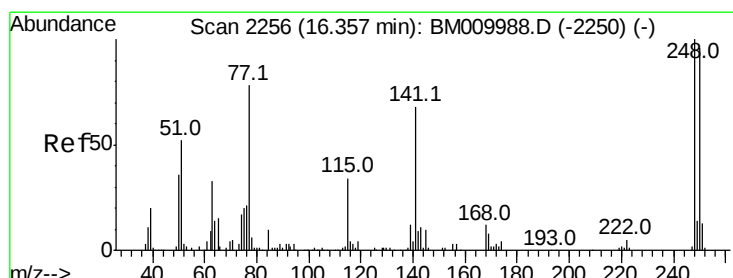
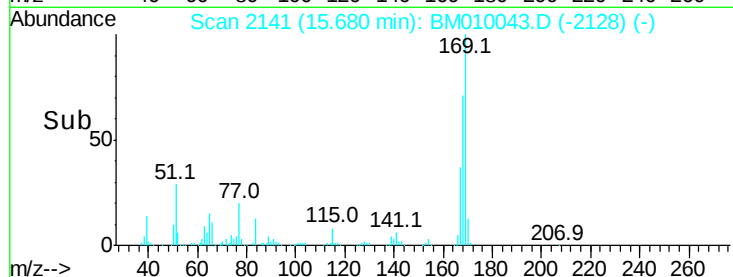
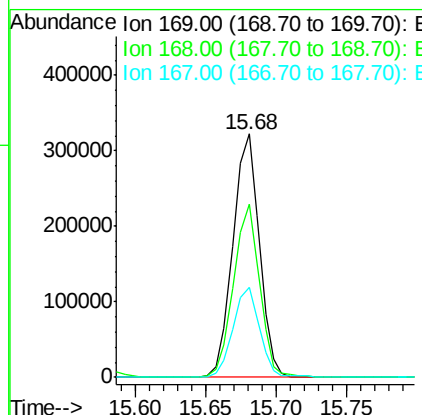
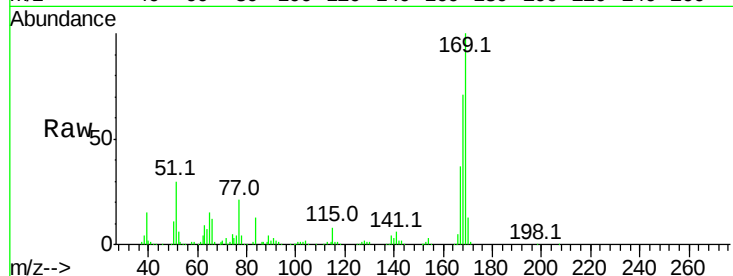




#65
 n-Nitrosodiphenylamine
 Concen: 43.77 ng
 RT: 15.68 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

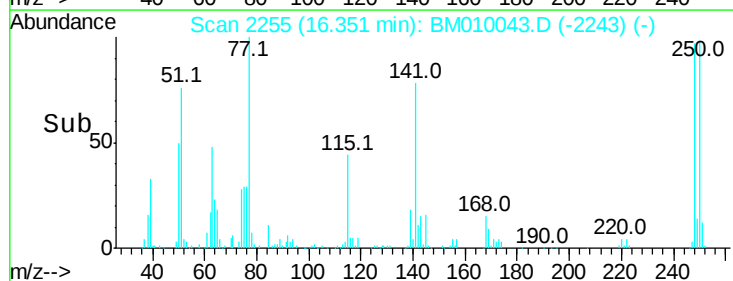
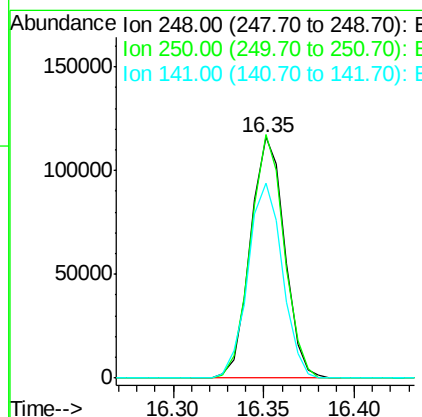
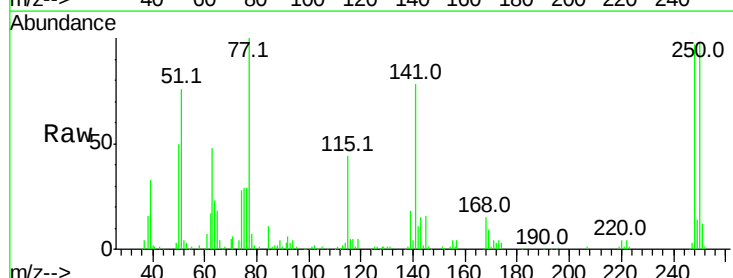
Instrument :
 BNA_M
 ClientSampleId :

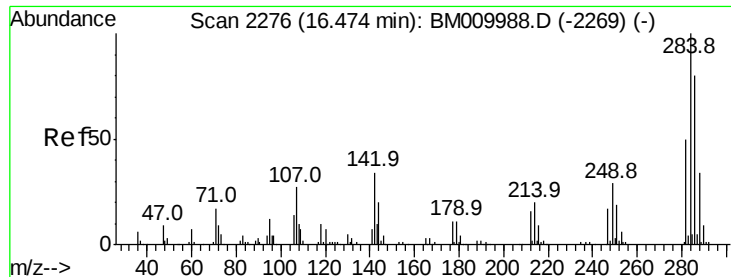
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.3	53.9	80.9
167	37.1	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.48 ng
 RT: 16.35 min Scan# 2255
 Delta R.T. -0.03 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.4	116.0
141	80.9	45.2	67.8





#67

Hexachlorobenzene

Concen: 41.05 ng

RT: 16.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

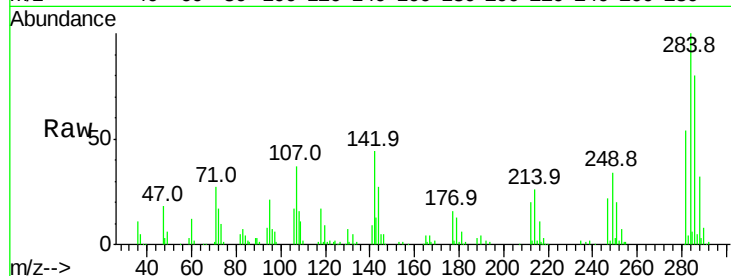
Tot Ion:284 Resp: 167215

Ion Ratio Lower Upper

284 100

142 43.6 20.4 30.6#

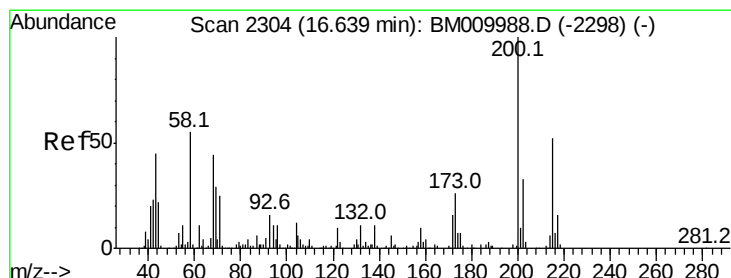
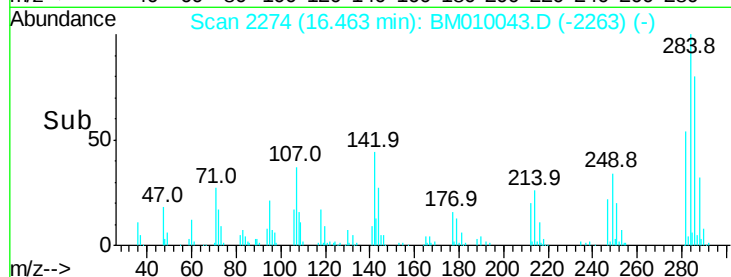
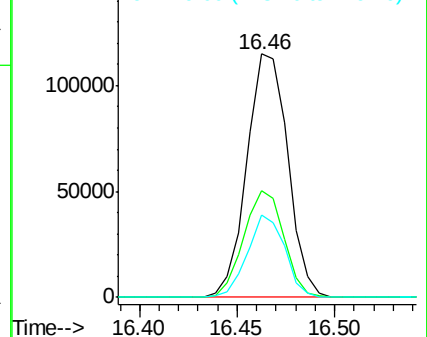
249 33.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.17 ng

RT: 16.63 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

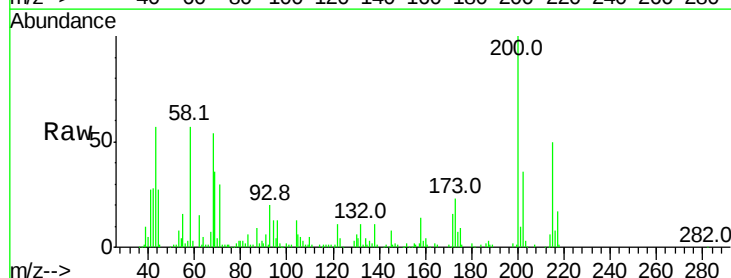
Tgt Ion:200 Resp: 165292

Ion Ratio Lower Upper

200 100

173 23.1 4.8 44.8

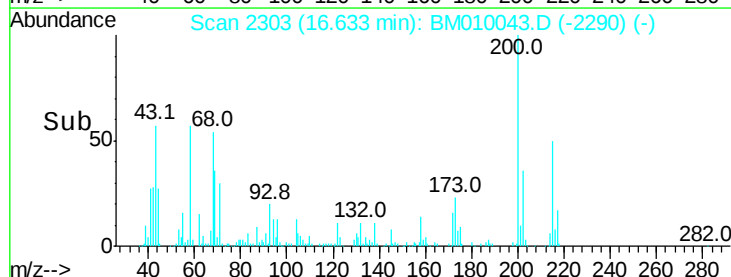
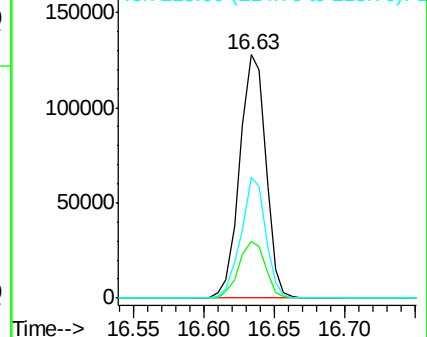
215 49.8 26.9 66.9

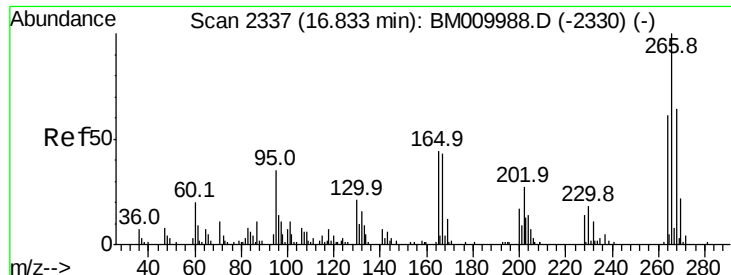


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.22 ng

RT: 16.82 min Scan# 2335

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

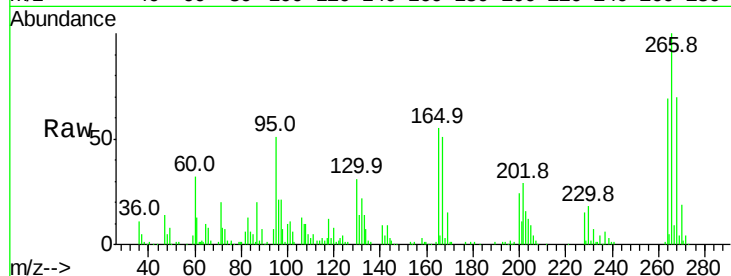
Tot Ion:266 Resp: 159817

Ion Ratio Lower Upper

266 100

268 69.6 52.0 78.0

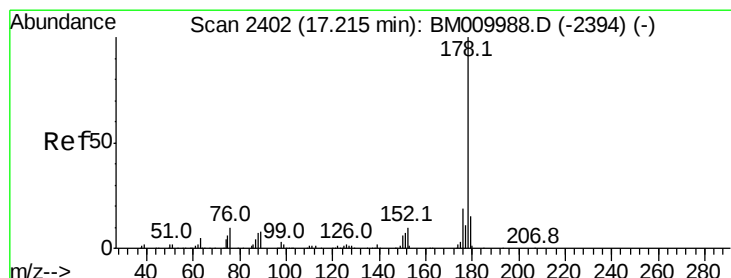
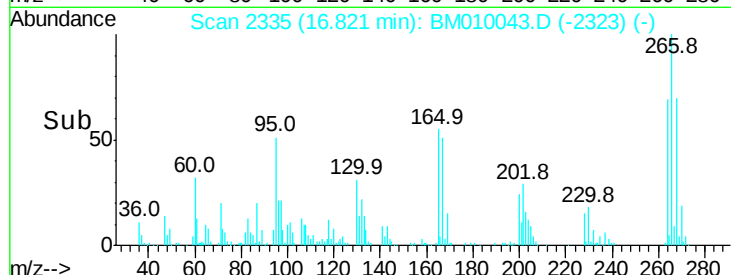
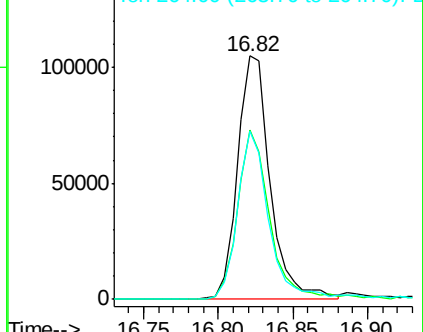
264 69.0 49.0 73.4



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: 44.08 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

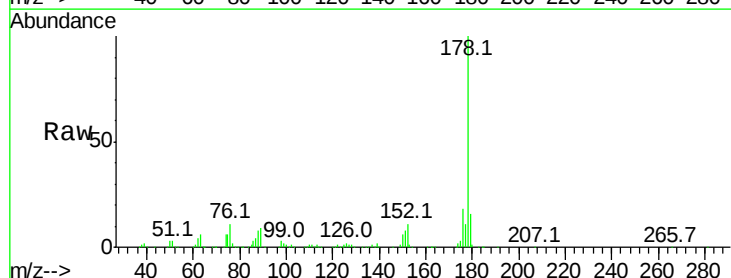
Tgt Ion:178 Resp: 781885

Ion Ratio Lower Upper

178 100

176 18.0 15.2 22.8

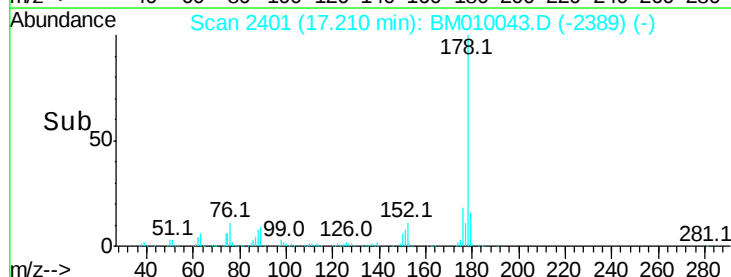
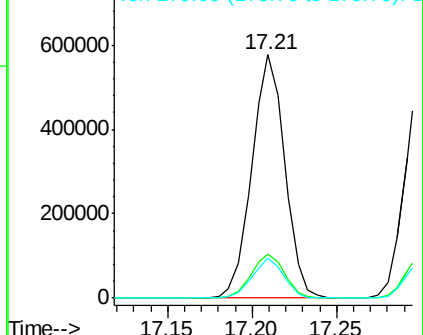
179 16.4 12.1 18.1

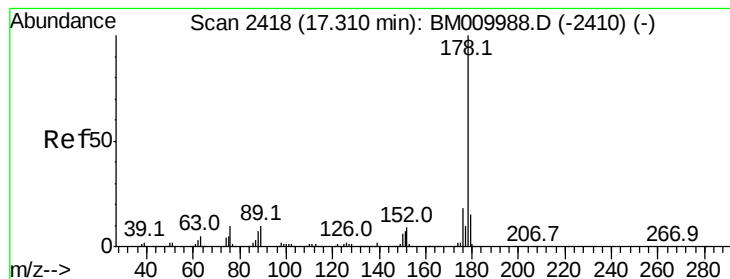


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.30 ng

RT: 17.30 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

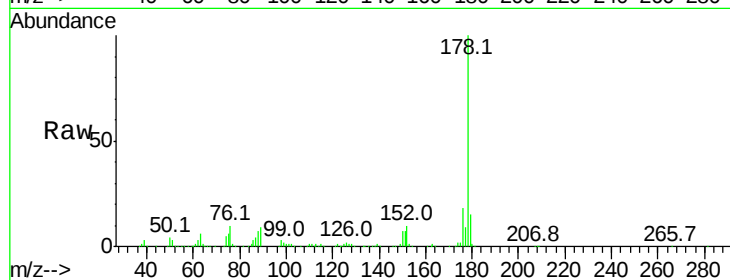
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 819633

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.4	12.6	19.0

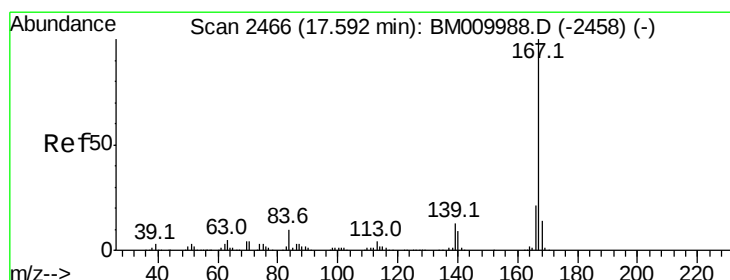
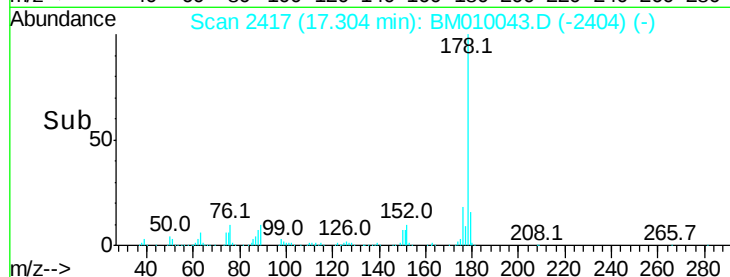
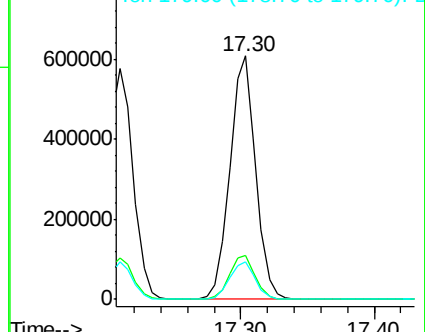


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.28 ng

RT: 17.58 min Scan# 2464

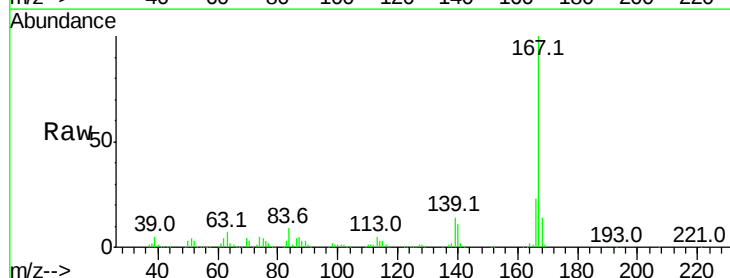
Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Tgt Ion:167 Resp: 747491

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	14.0	10.8	16.2

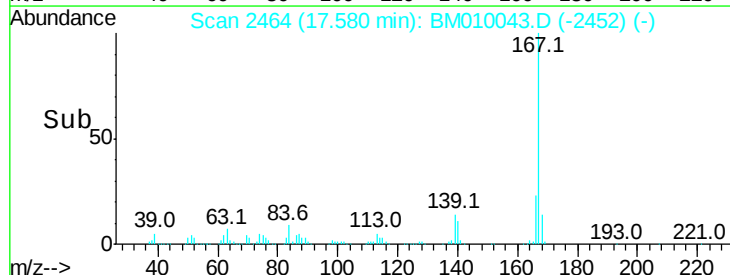
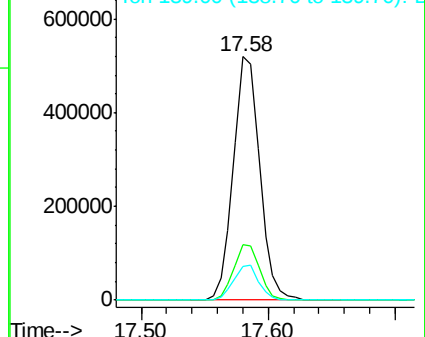


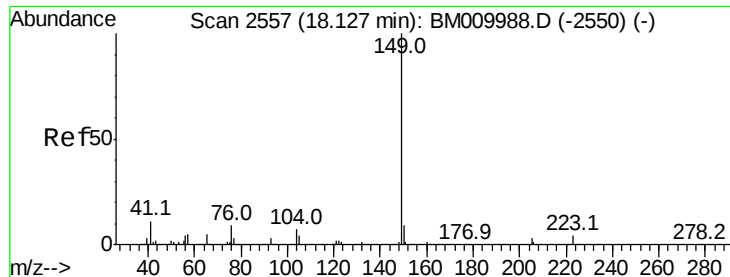
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

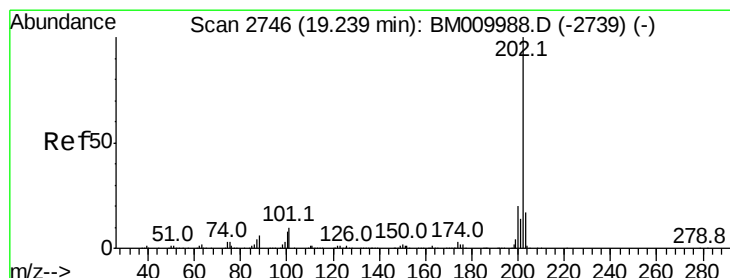
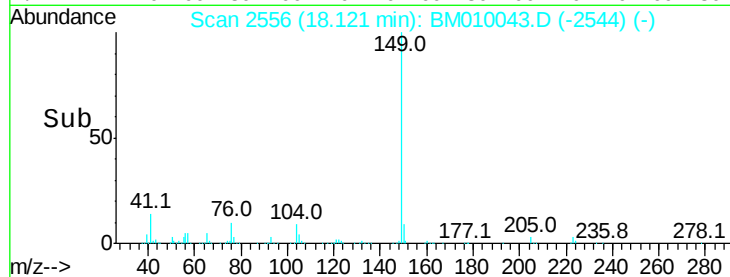
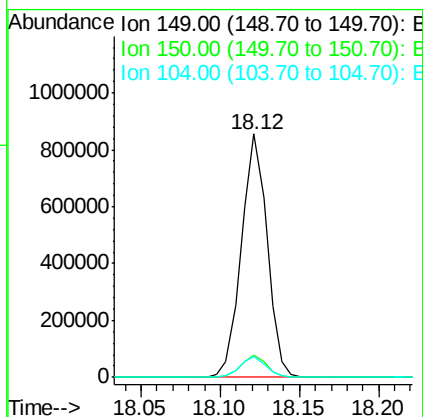
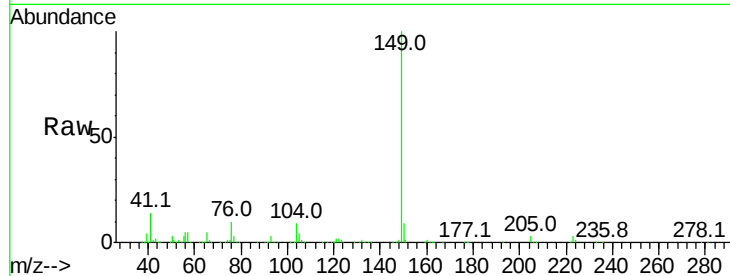




#73
Di-n-butylphthalate
Concen: 46.87 ng
RT: 18.12 min Scan# 2556
Delta R.T. -0.03 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

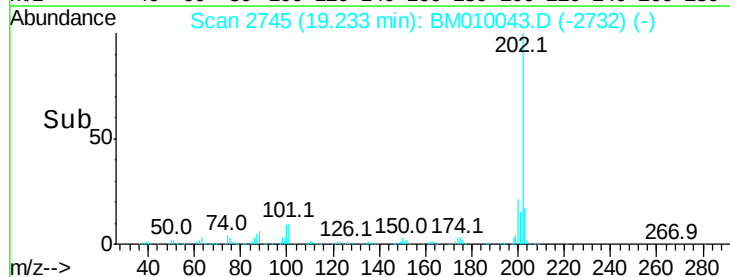
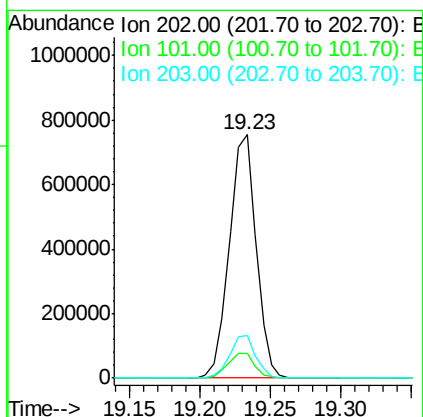
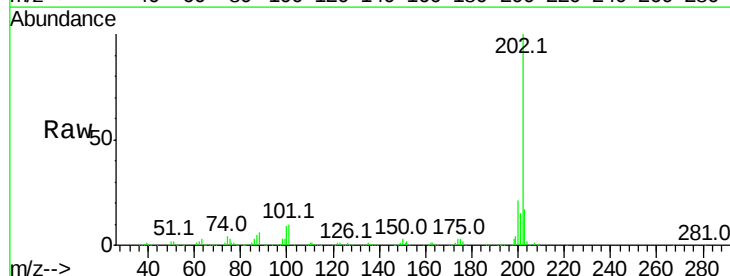
Instrument :
BNA_M
ClientSampleId :

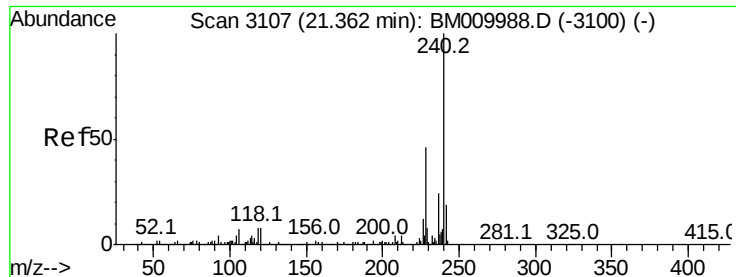
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.5	3.7	5.5



#74
Fluoranthene
Concen: 43.94 ng
RT: 19.23 min Scan# 2745
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampled :

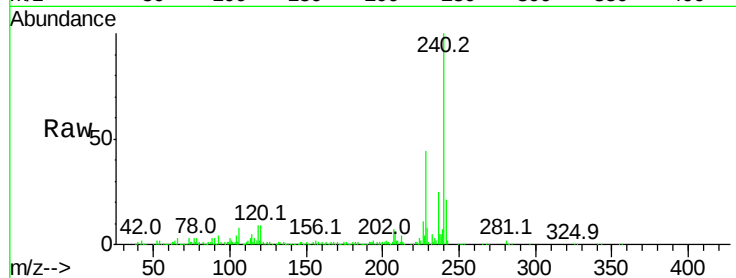
Tot Ion:240 Resp: 427207

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

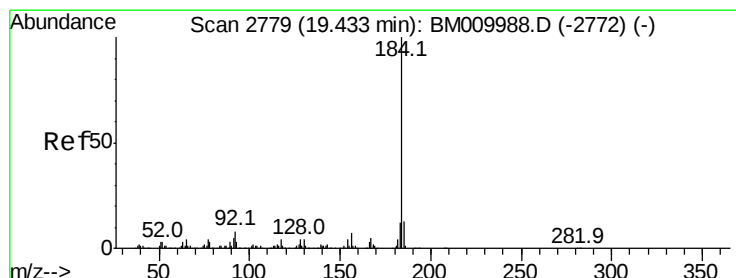
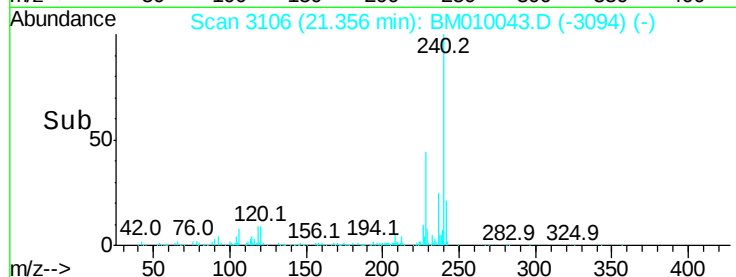
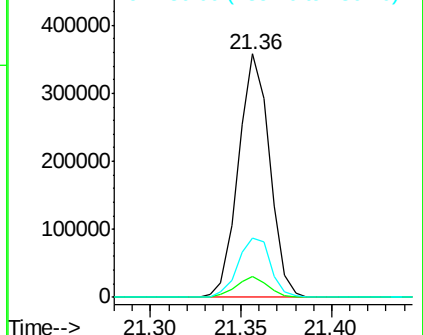
236 24.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.70 ng

RT: 19.43 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

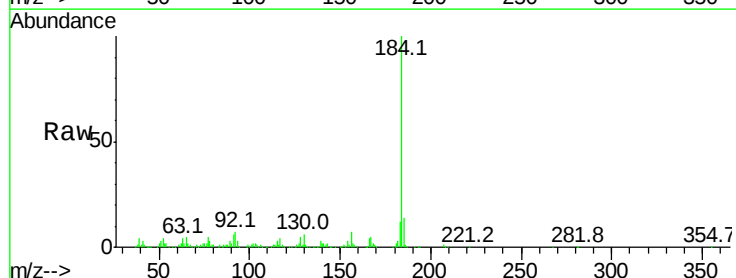
Tgt Ion:184 Resp: 562899

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

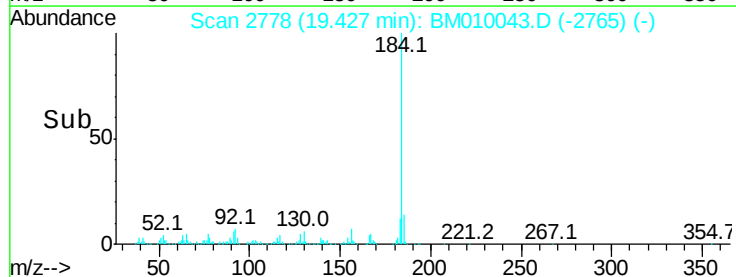
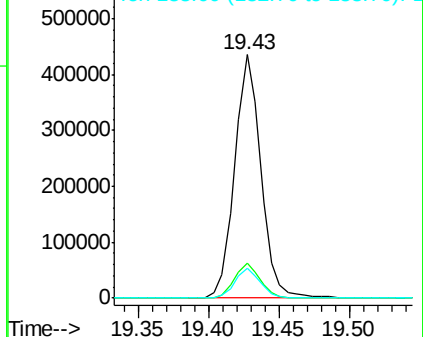
183 12.2 8.9 13.3

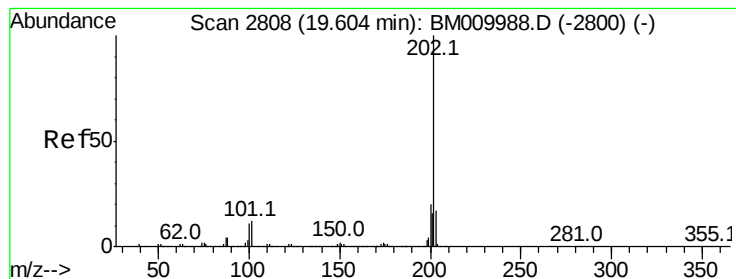


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.22 ng

RT: 19.60 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

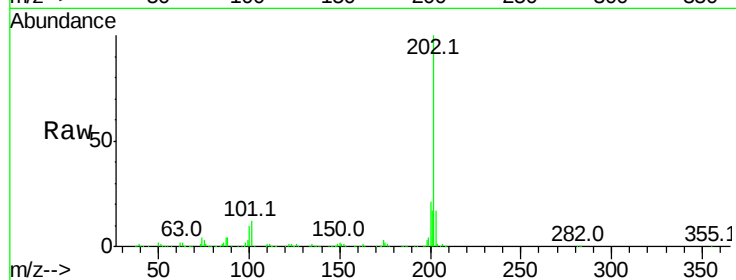
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 1047972

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1

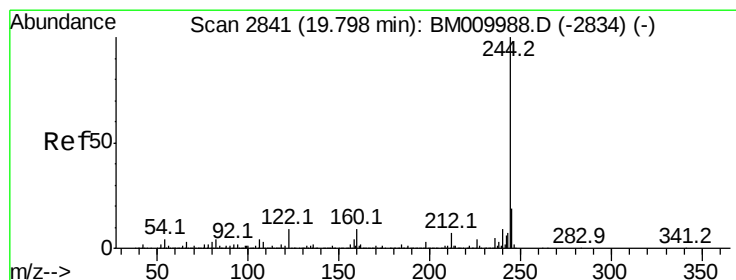
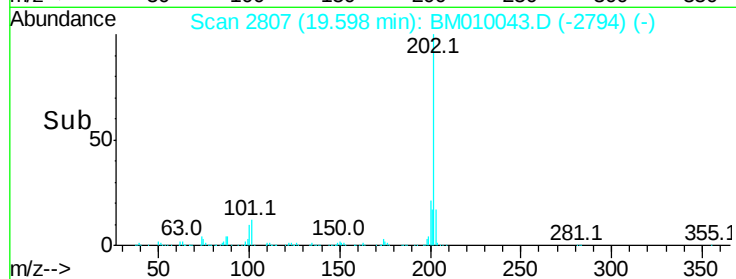
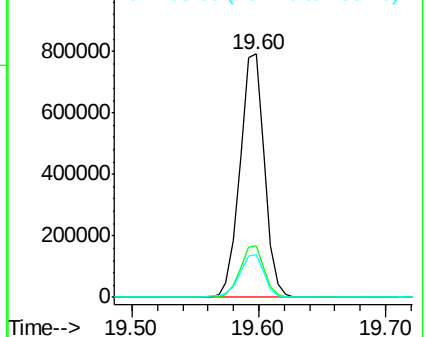


Abundance

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: 85.21 ng

RT: 19.79 min Scan# 2840

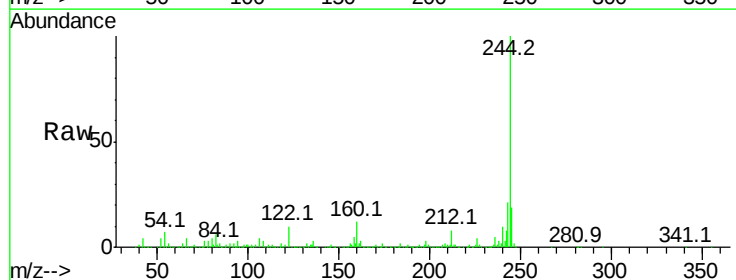
Delta R.T. -0.02 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Tgt Ion:244 Resp: 1727170

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	10.1	6.2	9.4#

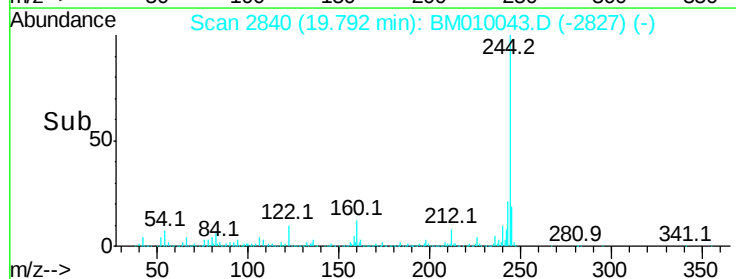
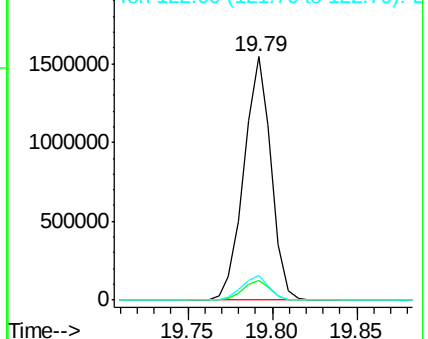


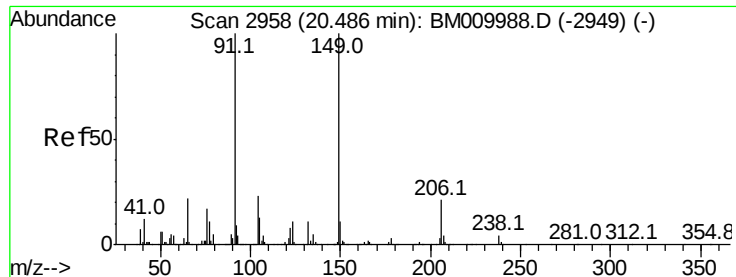
Abundance

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

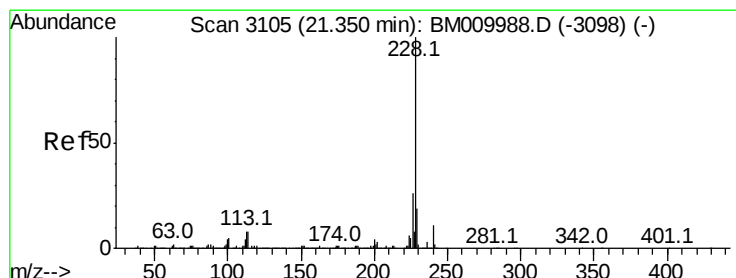
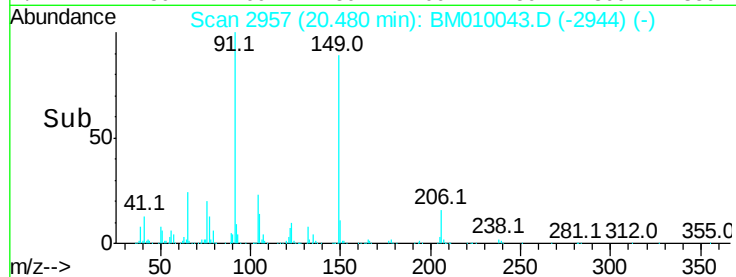
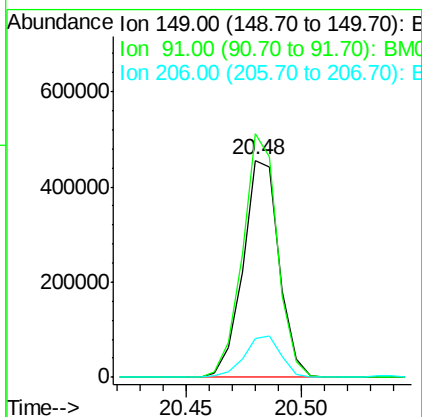
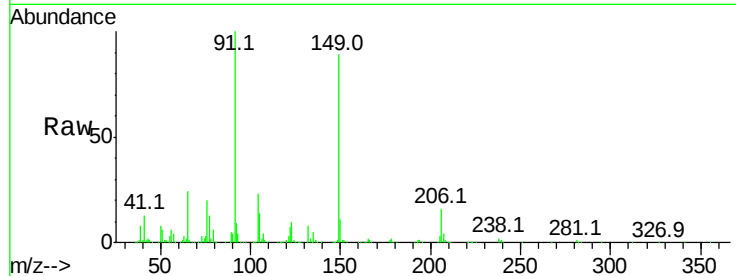




#79
Butylbenzylphthalate
Concen: 47.30 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

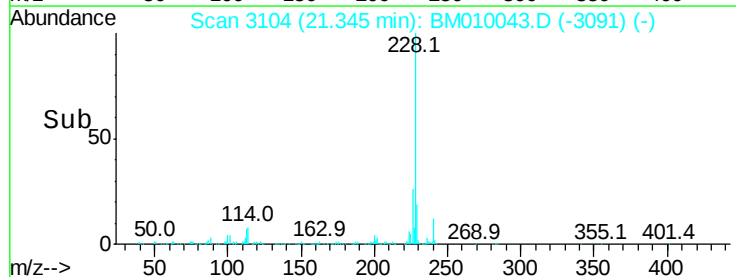
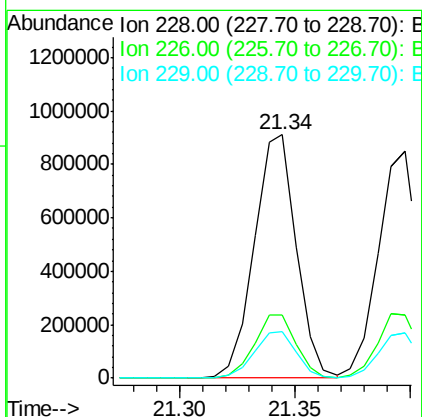
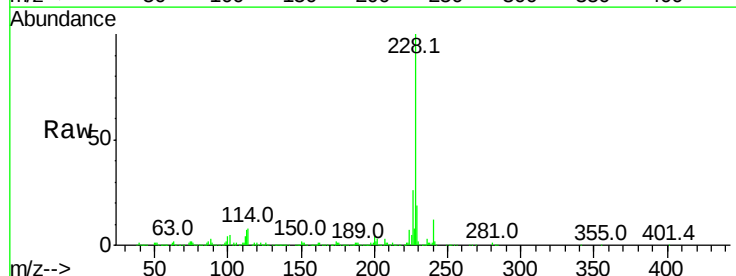
Instrument :
BNA_M
ClientSampleId :

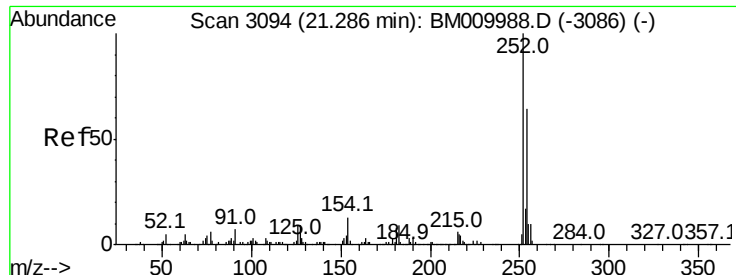
Tot Ion	Ratio	Lower	Upper
149	100		
91	112.2	50.1	75.1#
206	18.1	16.2	24.2



#80
Benzo(a)anthracene
Concen: 44.88 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.7	32.5
229	19.3	16.0	24.0

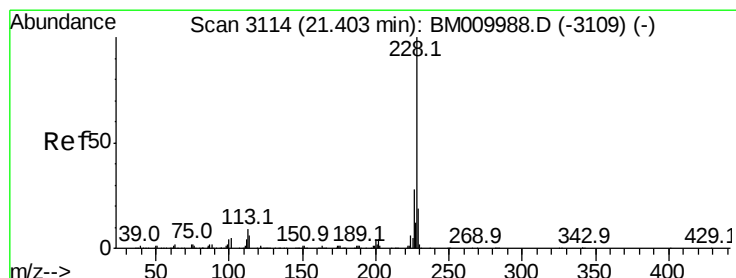
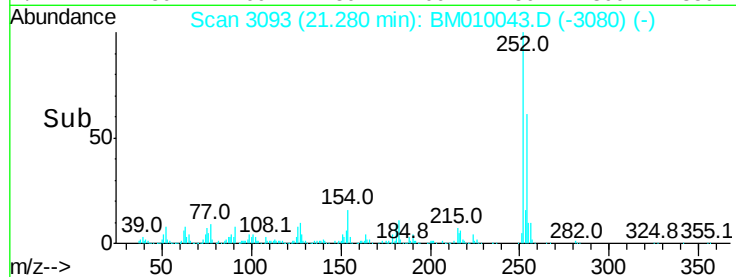
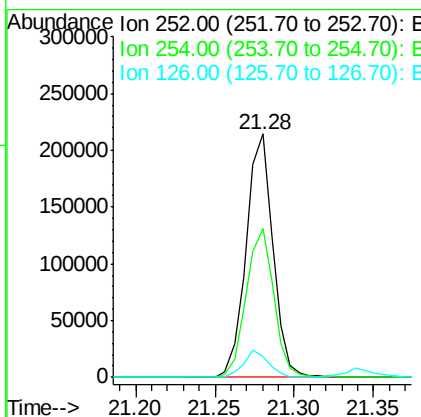
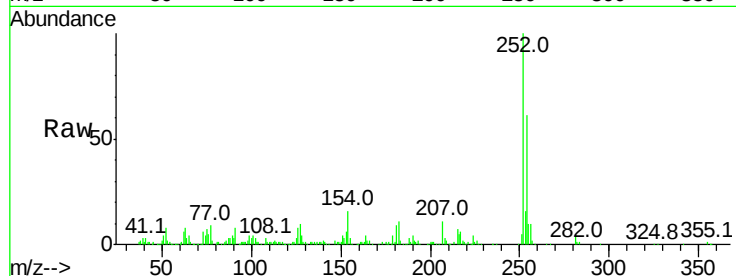




#81
 3,3'-Dichlorobenzidine
 Concen: 26.64 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

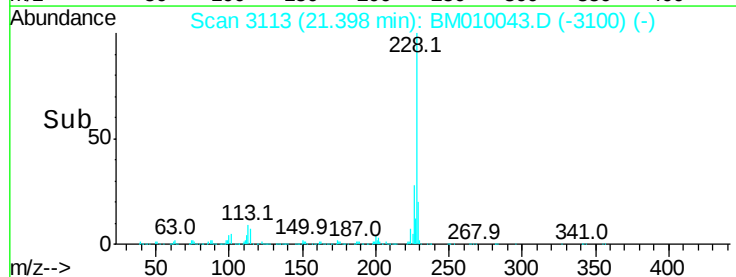
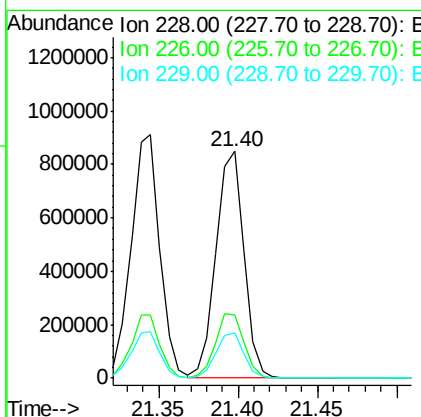
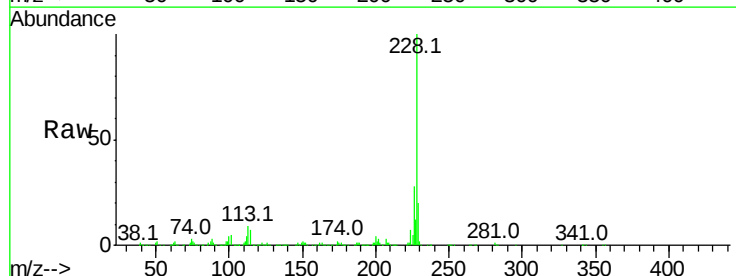
Instrument :
 BNA_M
 ClientSampleId :

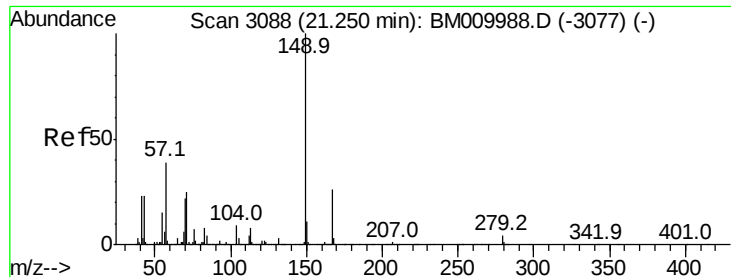
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.9	51.9	77.9
126	8.5	9.8	14.8#



#82
 Chrysene
 Concen: 43.18 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.1	36.1
229	20.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.25 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

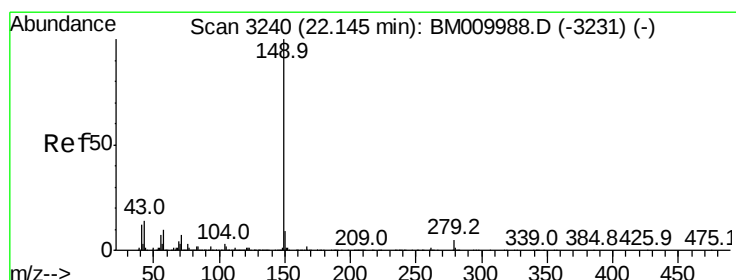
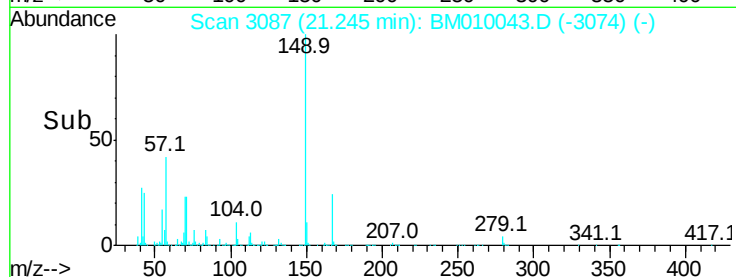
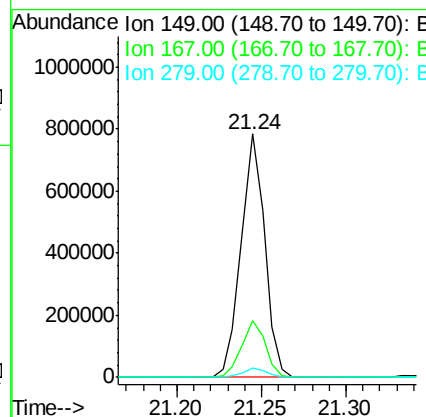
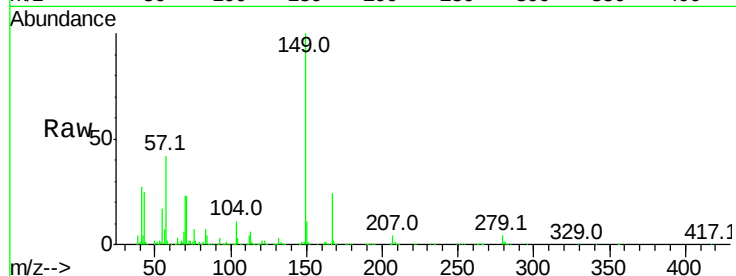
Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 762803

Ion	Ratio	Lower	Upper
149	100		
167	23.5	22.4	33.6
279	3.9	3.4	5.0



#84

Di-n-octyl phthalate

Concen: 48.76 ng

RT: 22.13 min Scan# 3238

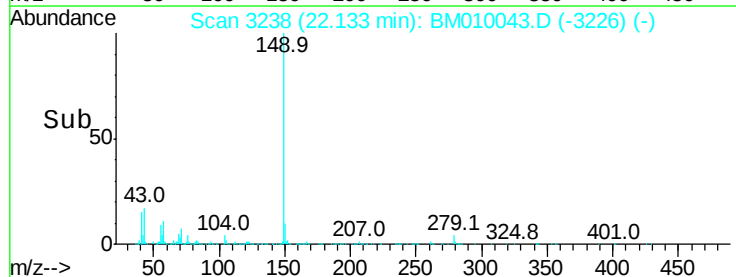
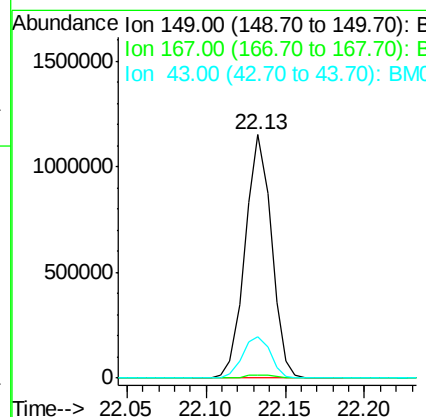
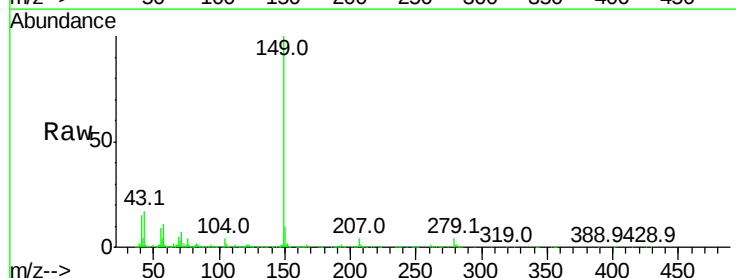
Delta R.T. -0.03 min

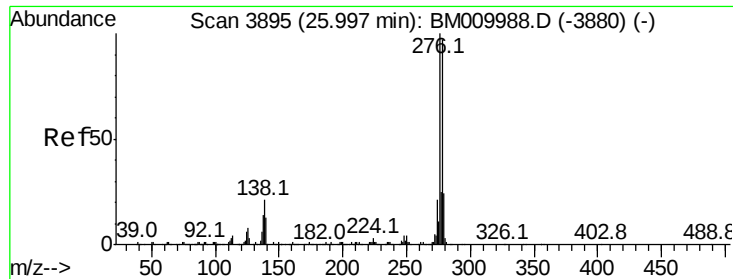
Lab File: BM010043.D

Acq: 15 May 2017 17:06

Tgt Ion:149 Resp: 1322329

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	18.2	7.3	10.9

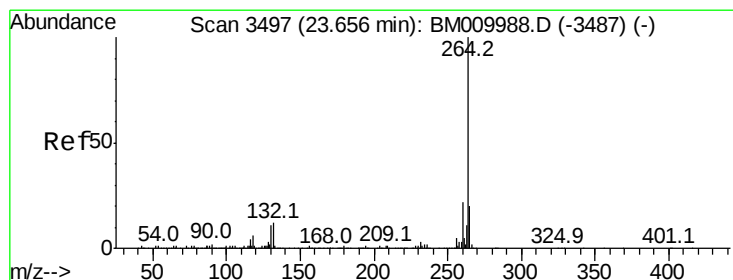
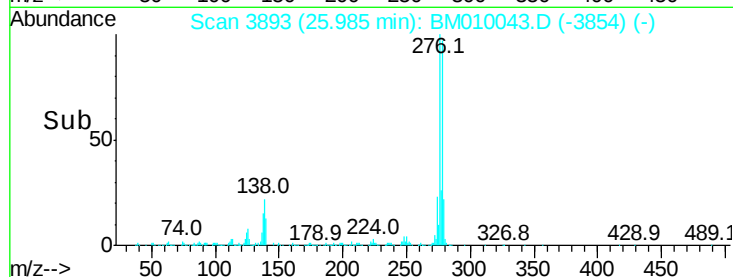
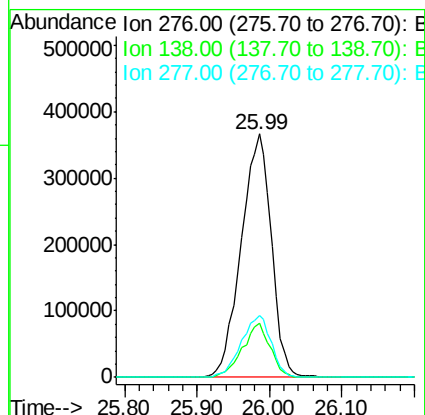
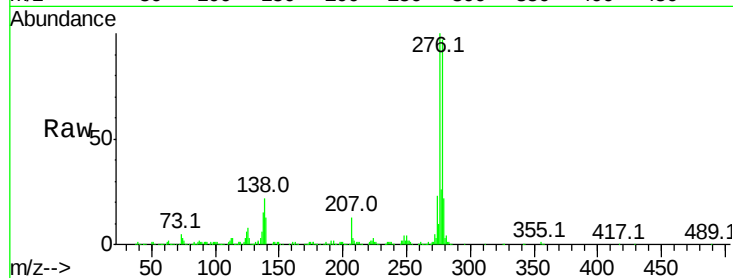




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.23 ng
RT: 25.99 min Scan# 3893
Delta R.T. -0.07 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

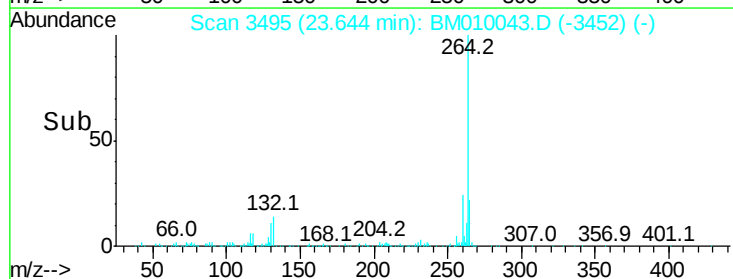
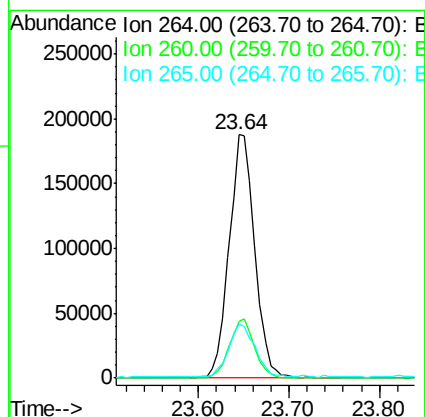
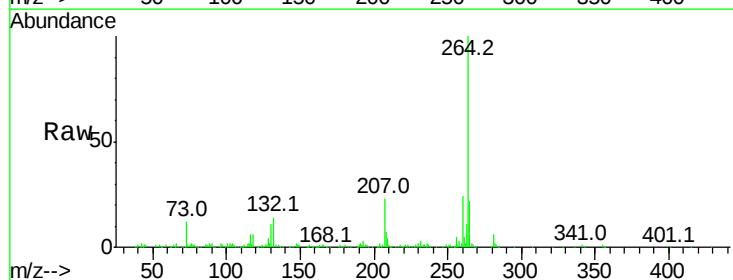
Instrument :
BNA_M
ClientSampleId :

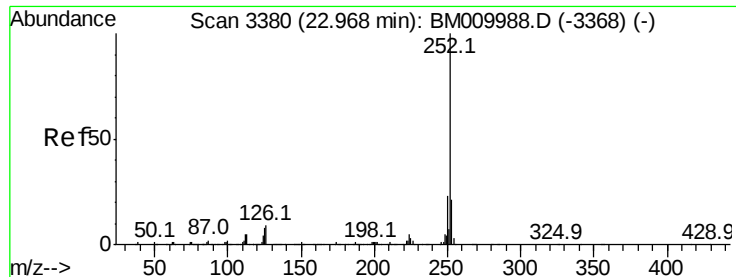
Tot Ion:276 Resp: 1059797
Ion Ratio Lower Upper
276 100
138 20.5 0.0 0.0#
277 25.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:264 Resp: 368381
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.70 ng

RT: 22.96 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

Instrument :

BNA_M

ClientSampleId :

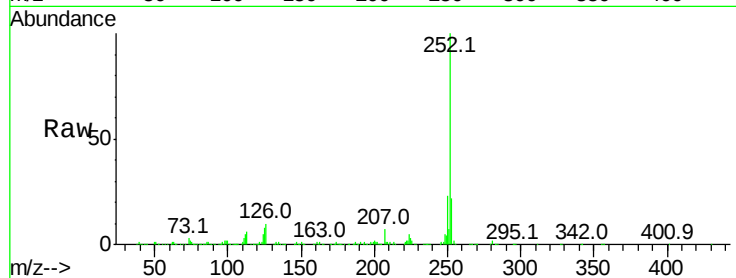
Tot Ion:252 Resp: 1115149

Ion Ratio Lower Upper

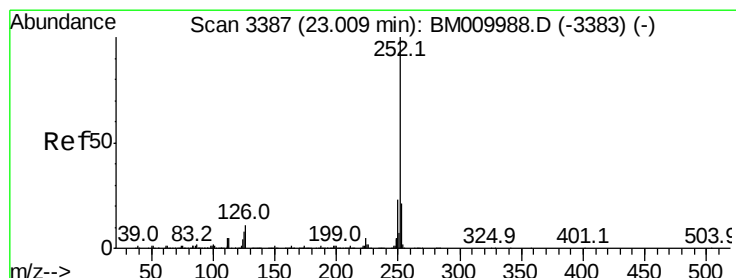
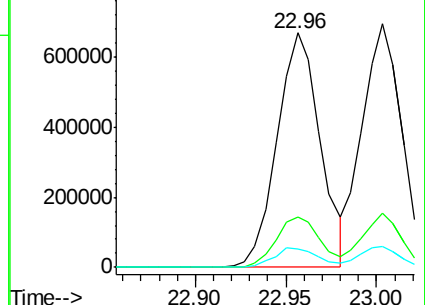
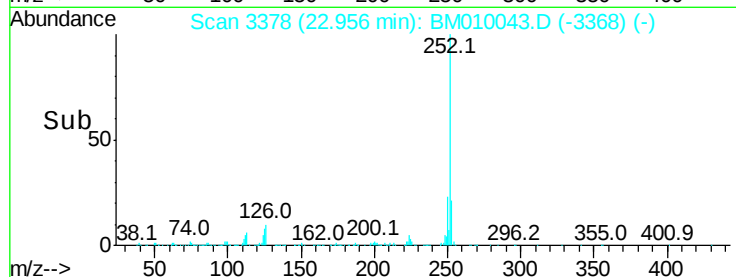
252 100

253 21.6 18.0 27.0

125 7.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.65 ng

RT: 23.00 min Scan# 3386

Delta R.T. -0.04 min

Lab File: BM010043.D

Acq: 15 May 2017 17:06

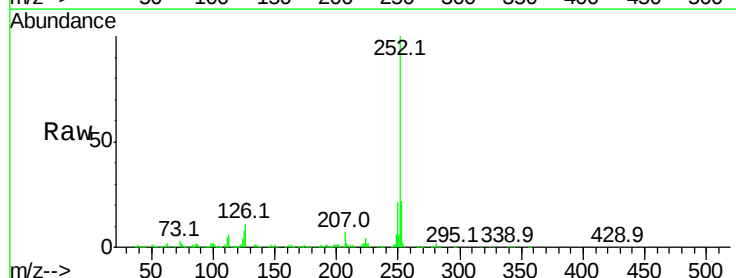
Tgt Ion:252 Resp: 1058426

Ion Ratio Lower Upper

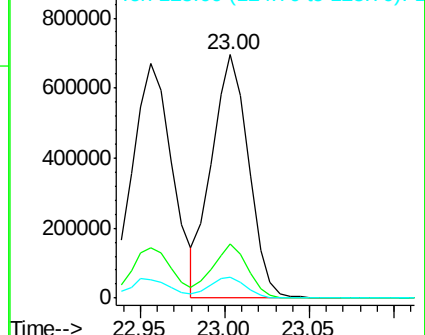
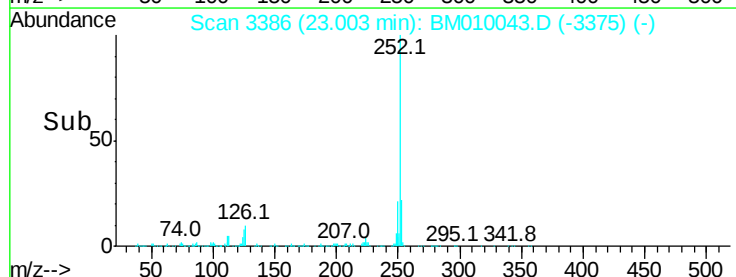
252 100

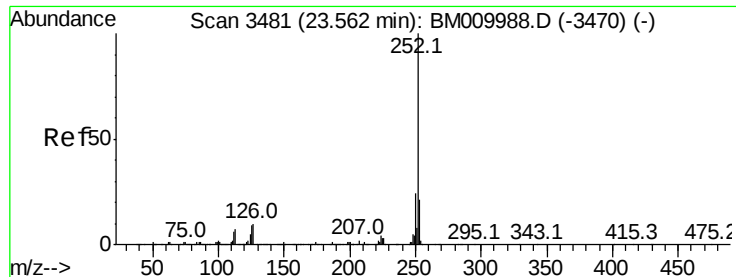
253 22.1 17.2 25.8

125 8.5 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

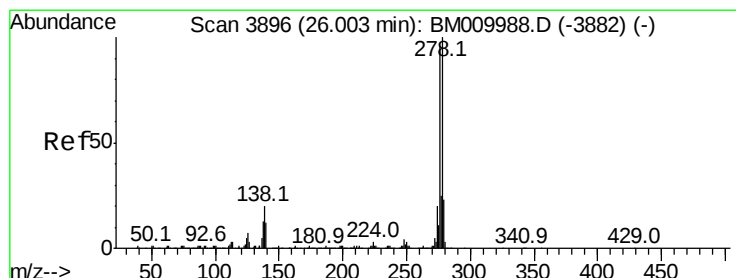
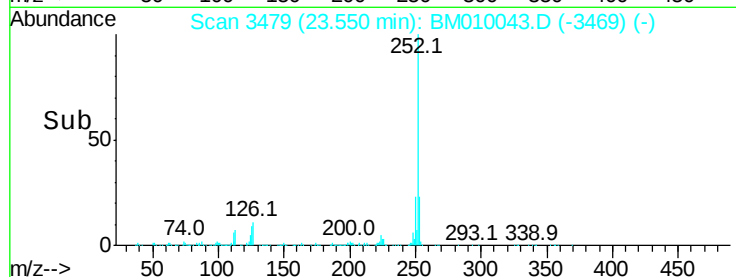
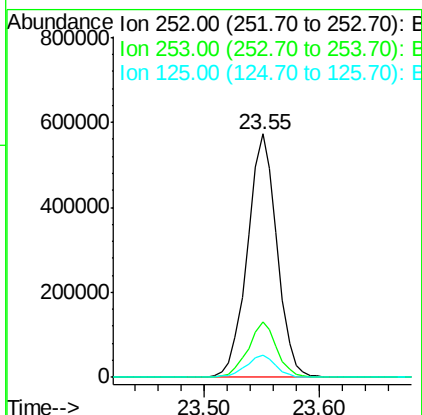
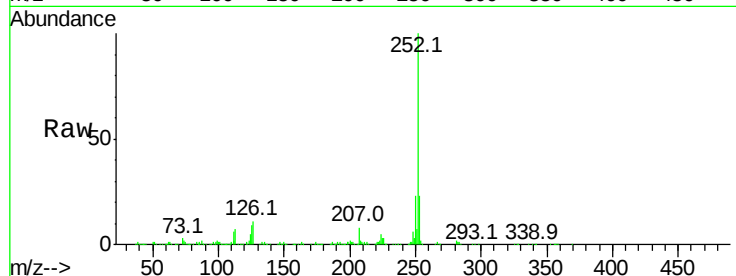




#89
Benzo(a)pyrene
Concen: 46.26 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.04 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

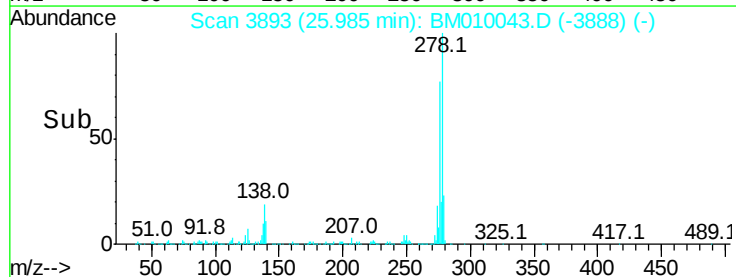
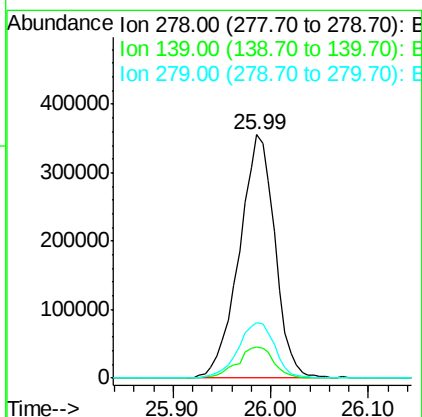
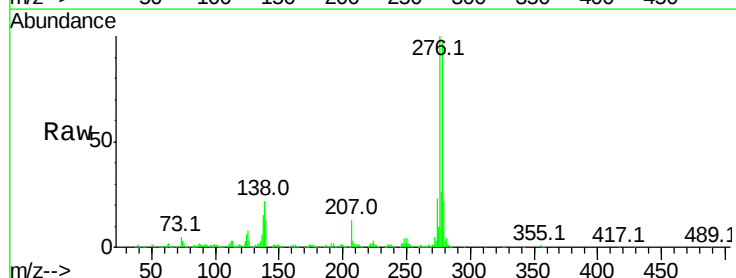
Instrument :
BNA_M
ClientSampleId :

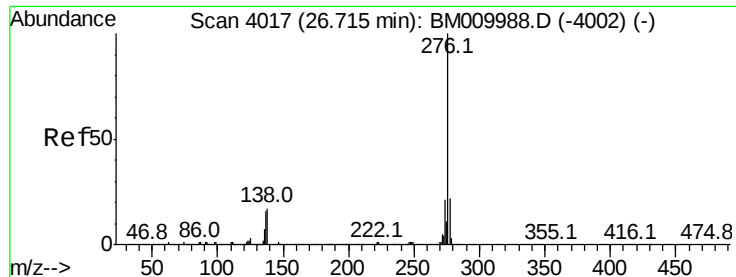
Tot Ion:252 Resp: 1017342
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.3 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 46.32 ng
RT: 25.99 min Scan# 3893
Delta R.T. -0.07 min
Lab File: BM010043.D
Acq: 15 May 2017 17:06

Tgt Ion:278 Resp: 899048
Ion Ratio Lower Upper
278 100
139 12.9 13.4 20.0#
279 22.7 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.51 ng
 RT: 26.70 min Scan# 4014
 Delta R.T. -0.08 min
 Lab File: BM010043.D
 Acq: 15 May 2017 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.5	27.7
138	15.5	19.0	28.6

