

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010070.D
 Acq On : 19 May 2017 12:12
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 19 12:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 12:47:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	208027	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	777304	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	520140	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	1263505	20.00	ng	0.00
75) Chrysene-d12	21.52	240	1803122	20.00	ng	0.00
86) Perylene-d12	23.89	264	1955760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1175613	88.44	ng	0.00
7) Phenol-d6	7.17	99	1507995	70.80	ng	0.00
23) Nitrobenzene-d5	9.17	82	1537168	72.27	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	829854	116.58	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	4145630	106.59	ng	0.00
78) Terphenyl-d14	19.96	244	8165625	95.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	272535	55.34	ng	# 100
3) Pyridine	3.87	79	773527	42.62	ng	91
4) n-Nitrosodimethylamine	3.78	42	269569	27.11	ng	# 99
6) Aniline	7.33	93	938223	33.93	ng	98
8) 2-Chlorophenol	7.55	128	628918	43.58	ng	98
9) Benzaldehyde	7.14	77	445950	27.97	ng	96
10) Phenol	7.20	94	795023	34.35	ng	82
11) bis(2-Chloroethyl)ether	7.41	93	592848	32.94	ng	98
12) 1,3-Dichlorobenzene	7.86	146	804685	49.95	ng	# 94
13) 1,4-Dichlorobenzene	8.01	146	823993	49.91	ng	95
14) 1,2-Dichlorobenzene	8.33	146	786297	49.13	ng	96
15) Benzyl Alcohol	8.25	79	598914	32.99	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.50	45	550970	19.29	ng	81
17) 2-Methylphenol	8.44	107	564982	37.39	ng	# 89
18) Hexachloroethane	9.05	117	271149	39.62	ng	# 74
19) n-Nitroso-di-n-propylamine	8.79	70	545663	28.24	ng	90
20) 3+4-Methylphenols	8.77	107	773672	37.61	ng	91
22) Acetophenone	8.82	105	1019981	42.92	ng	# 96
24) Nitrobenzene	9.21	77	792732	35.02	ng	100
25) Isophorone	9.73	82	1288908	35.21	ng	95
26) 2-Nitrophenol	9.91	139	333894	48.99	ng	# 73
27) 2,4-Dimethylphenol	9.97	122	578263	45.33	ng	# 83
28) bis(2-Chloroethoxy)methane	10.20	93	817802	37.08	ng	99
29) 2,4-Dichlorophenol	10.44	162	693711	55.88	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	872784	60.22	ng	97
31) Naphthalene	10.84	128	2120239	49.55	ng	99
32) Benzoic acid	10.12	122	404212	47.36	ng	90
33) 4-Chloroaniline	10.97	127	828718	45.55	ng	# 88
34) Hexachlorobutadiene	11.08	225	588995	59.72	ng	98
35) Caprolactam	11.81	113	201449	41.54	ng	# 76
36) 4-Chloro-3-methylphenol	12.09	107	752727	45.38	ng	88
37) 2-Methylnaphthalene	12.43	142	1537341	50.19	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	1027194	54.26	ng	# 100
40) Hexachlorocyclopentadiene	12.75	237	623165	214.63	ng	99

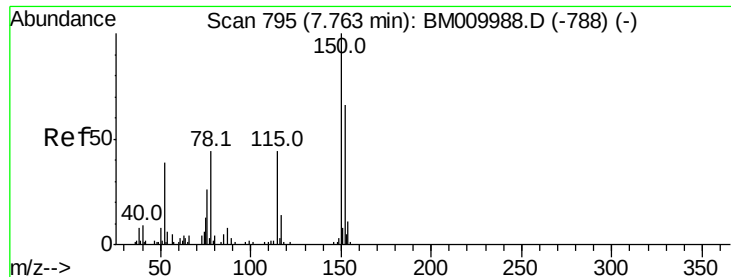
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 12:47:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	622459	53.41	nq	98
43) 2,4,5-Trichlorophenol	13.12	196	695665	54.95	nq #	95
45) 1,1'-Biphenyl	13.45	154	2169841	50.13	nq	99
46) 2-Chloronaphthalene	13.49	162	1763908	51.86	nq	97
47) 2-Nitroaniline	13.73	65	466118	30.27	nq	87
48) Acenaphthylene	14.34	152	2669565	49.84	nq	99
49) Dimethylphthalate	14.07	163	2385442	52.03	nq #	99
50) 2,6-Dinitrotoluene	14.21	165	474195	51.04	nq	97
51) Acenaphthene	14.67	154	1617774	47.92	nq	98
52) 3-Nitroaniline	14.56	138	431983	43.78	nq #	74
53) 2,4-Dinitrophenol	14.74	184	270150	62.49	nq #	82
54) Dibenzofuran	15.01	168	2543229	49.18	nq	98
55) 4-Nitrophenol	14.87	139	351267	53.16	nq #	60
56) 2,4-Dinitrotoluene	14.99	165	657781	47.86	nq #	75
57) Fluorene	15.66	166	2246648	49.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	591327	54.06	nq #	100
59) Diethylphthalate	15.43	149	2265186	47.06	nq	96
60) 4-Chlorophenyl-phenylether	15.65	204	1246632	50.07	nq	96
61) 4-Nitroaniline	15.72	138	436087	43.38	nq #	52
62) Azobenzene	15.94	77	1708782	29.26	nq	92
64) 4,6-Dinitro-2-methylphenol	15.74	198	412902	54.37	nq	75
65) n-Nitrosodiphenylamine	15.87	169	1959902	49.99	nq	100
66) 4-Bromophenyl-phenylether	16.54	248	831945	55.44	nq	96
67) Hexachlorobenzene	16.63	284	1002571	60.19	nq	97
68) Atrazine	16.82	200	754129	52.63	nq	99
69) Pentachlorophenol	16.99	266	587184	82.87	nq	99
70) Phenanthrene	17.40	178	3613590	49.82	nq	100
71) Anthracene	17.49	178	3635068	49.13	nq	99
72) Carbazole	17.77	167	3210541	48.61	nq	98
73) Di-n-butylphthalate	18.29	149	3862032	46.00	nq	99
74) Fluoranthene	19.40	202	4722730	50.76	nq	99
76) Benzidine	19.60	184	1639583	36.37	nq	98
77) Pyrene	19.76	202	4888349	45.55	nq	100
79) Butylbenzylphthalate	20.64	149	1858766	41.60	nq #	89
80) Benzo(a)anthracene	21.50	228	5066061	46.76	nq	100
81) 3,3'-Dichlorobenzidine	21.44	252	2060505	51.63	nq #	98
82) Chrysene	21.55	228	4817139	47.41	nq	99
83) Bis(2-ethylhexyl)phthalate	21.39	149	2788516	41.79	nq #	96
84) Di-n-octyl phthalate	22.30	149	5048119	44.10	nq #	95
85) Indeno(1,2,3-cd)pyrene	26.33	276	7062216	82.46	nq #	100
87) Benzo(b)fluoranthene	23.16	252	5945716	44.89	nq #	94
88) Benzo(k)fluoranthene	23.21	252	5733360	45.56	nq #	96
89) Benzo(a)pyrene	23.79	252	5645283	48.35	nq #	97
90) Dibenzo(a,h)anthracene	26.34	278	6261427	60.76	nq #	93
91) Benzo(g,h,i)perylene	27.09	276	6151844	64.78	nq #	89

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

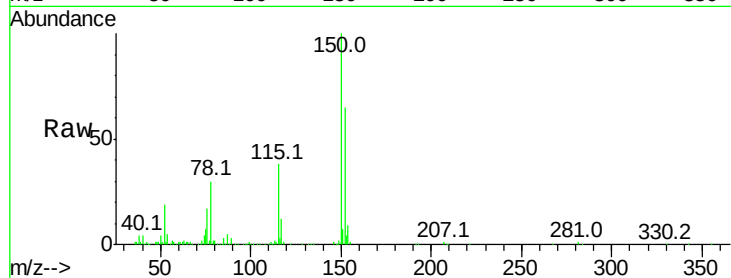


#1

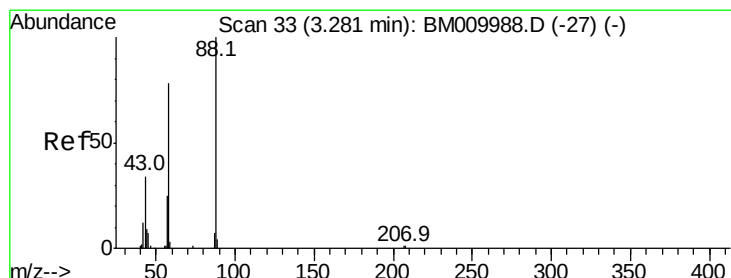
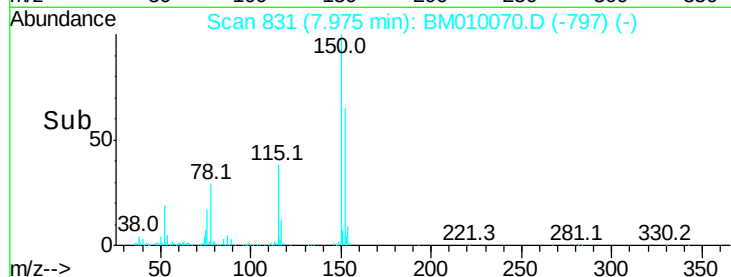
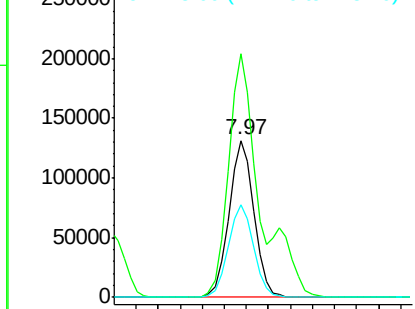
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	59.1	43.0	64.4



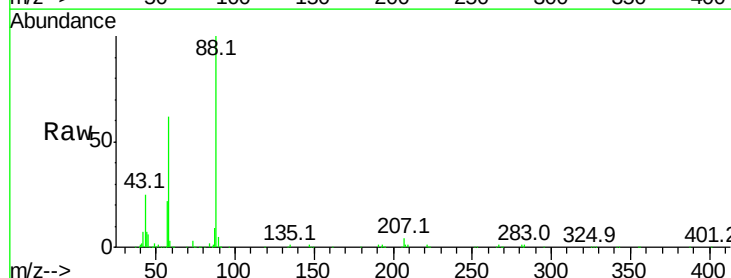
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



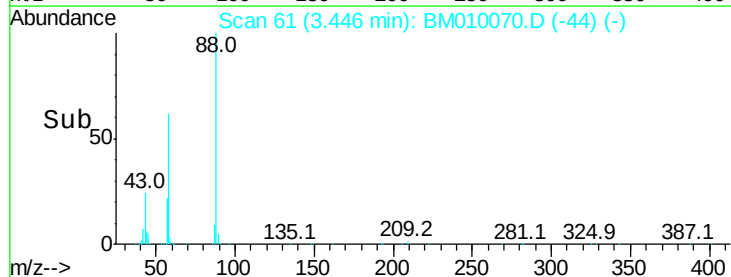
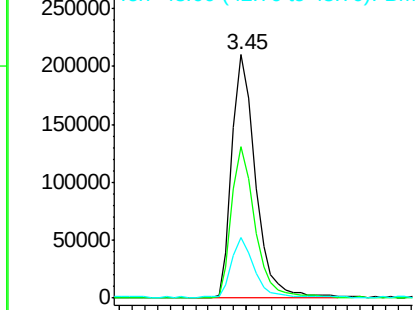
#2

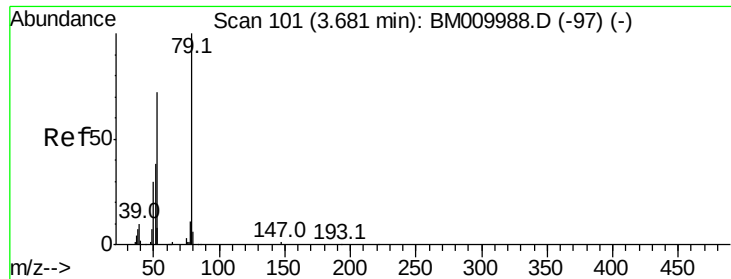
1,4-Dioxane
Concen: 55.34 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	0.0	0.0#
43	22.8	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: 42.62 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampled :

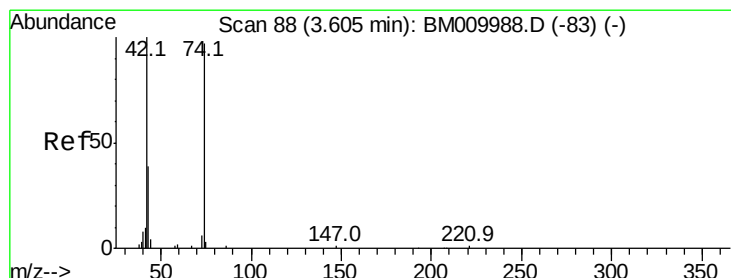
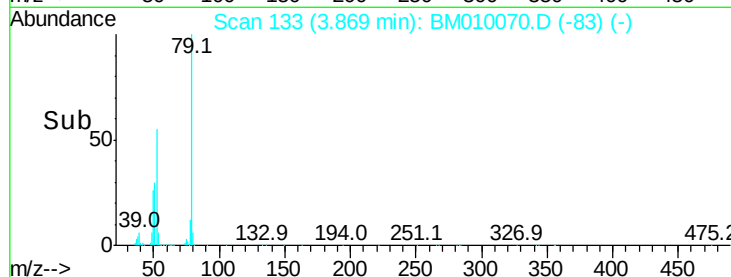
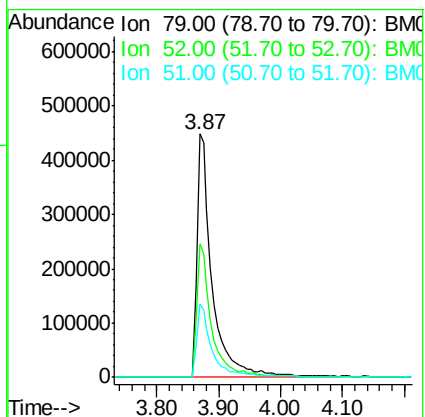
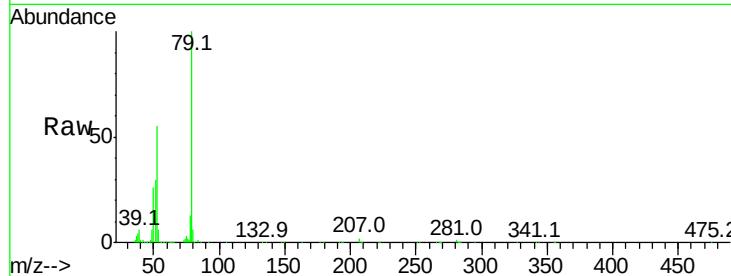
Tot Ion: 79 Resp: 773527

Ion Ratio Lower Upper

79 100

52 55.1 51.1 76.7

51 30.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 27.11 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

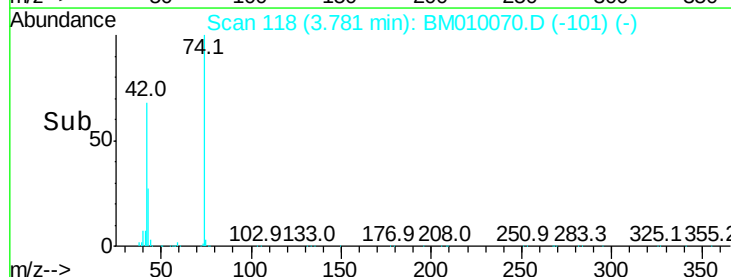
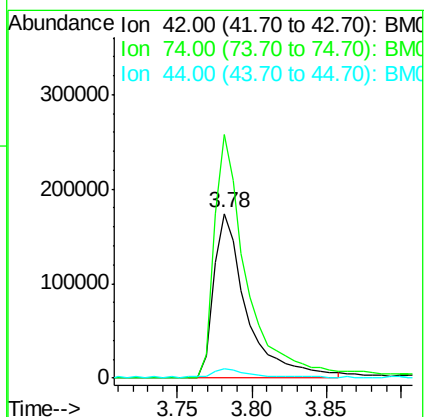
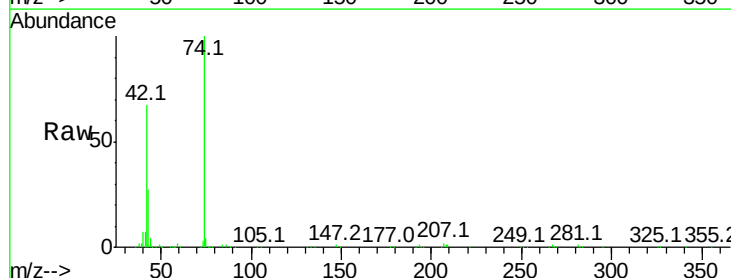
Tgt Ion: 42 Resp: 269569

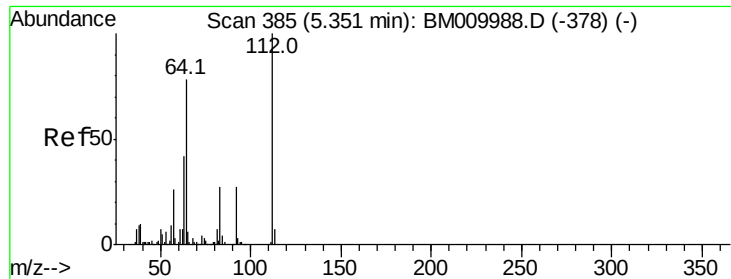
Ion Ratio Lower Upper

42 100

74 148.2 119.3 178.9

44 5.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 88.44 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampled :

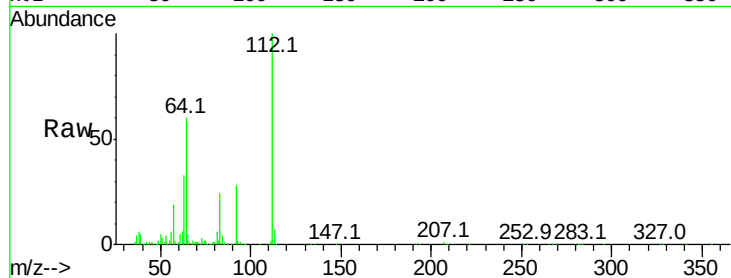
Tot Ion:112 Resp: 1175613

Ion Ratio Lower Upper

112 100

64 59.7 38.6 57.8#

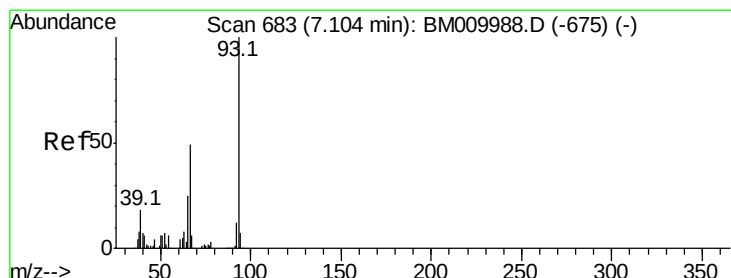
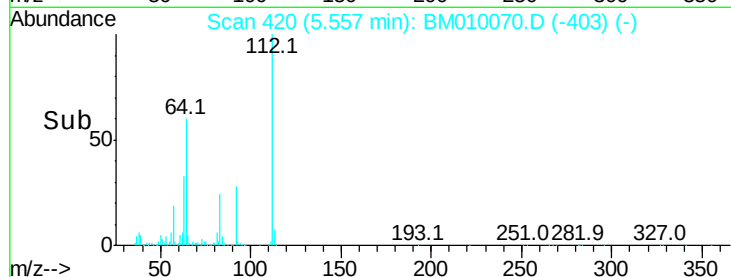
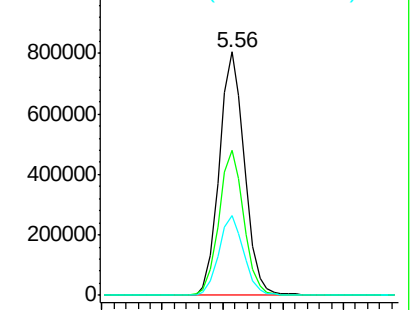
63 32.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 33.93 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

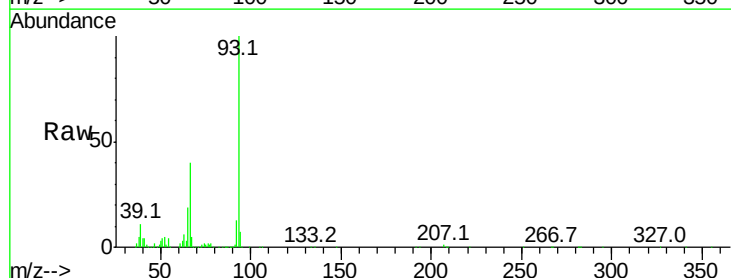
Tgt Ion: 93 Resp: 938223

Ion Ratio Lower Upper

93 100

66 40.2 30.8 46.2

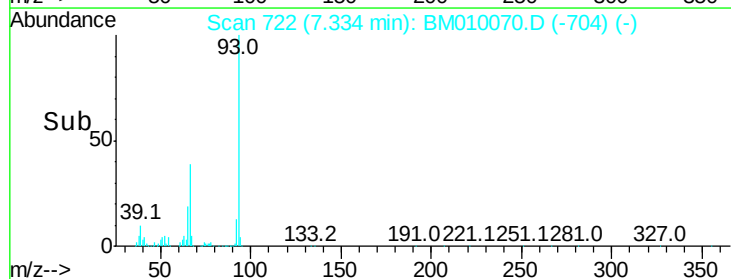
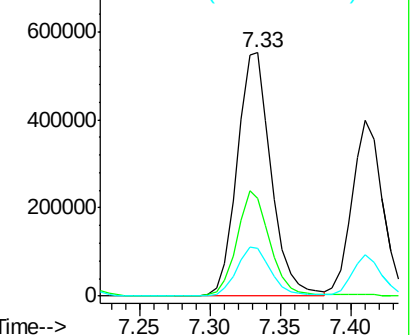
65 19.4 16.0 24.0

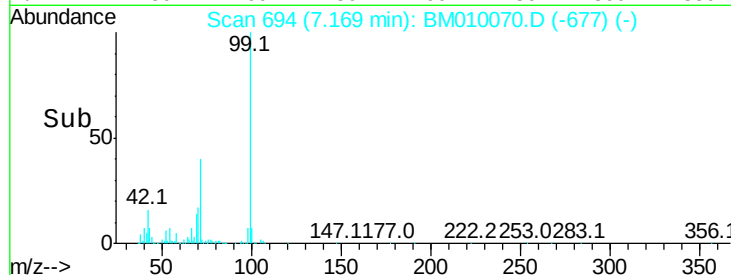
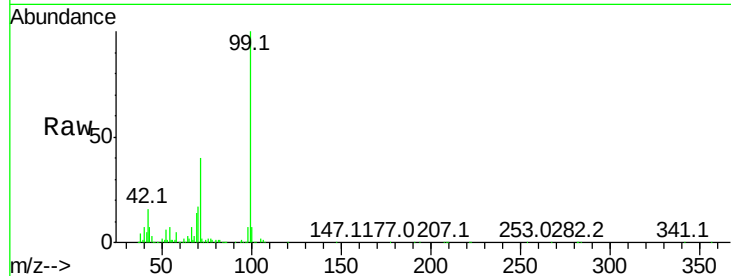
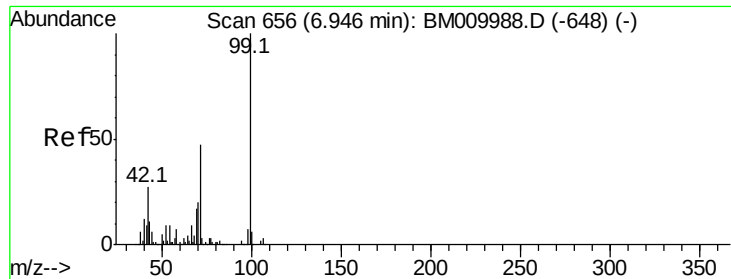


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 70.80 ng

RT: 7.17 min Scan# 694

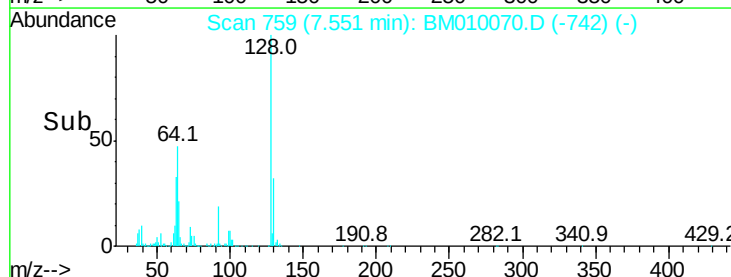
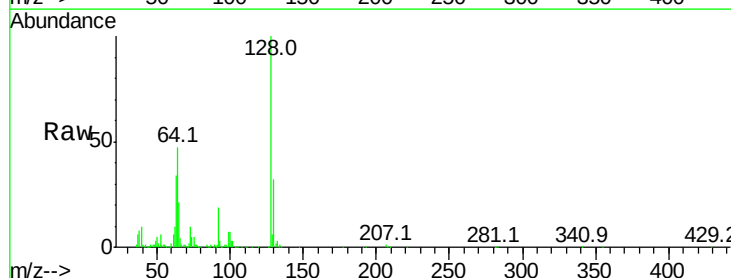
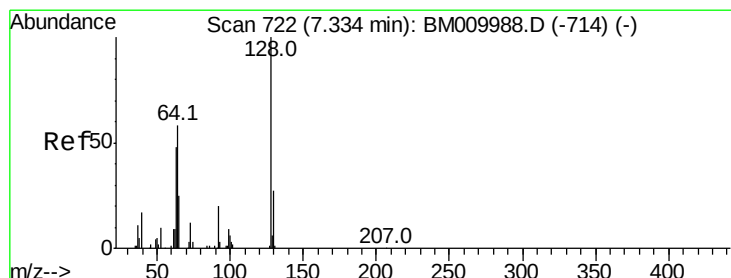
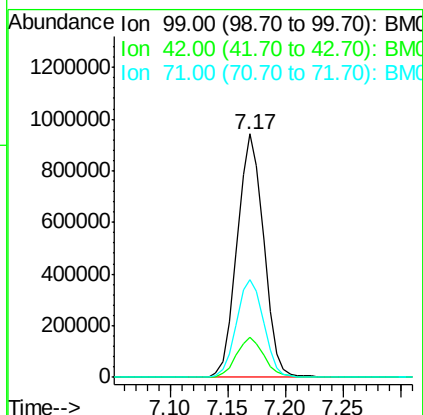
Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tot Ion: 99 Resp: 1507995

Ion	Ratio	Lower	Upper
99	100		
42	16.4	11.0	16.4
71	40.2	23.4	35.2#



#8

2-Chlorophenol

Concen: 43.58 ng

RT: 7.55 min Scan# 759

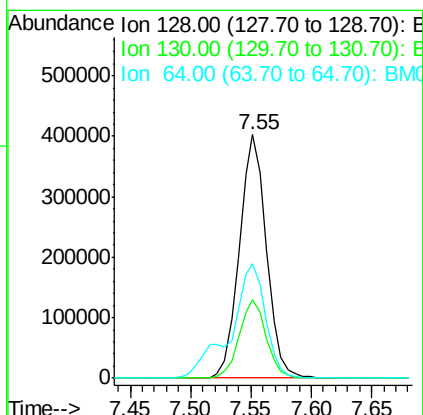
Delta R.T. -0.00 min

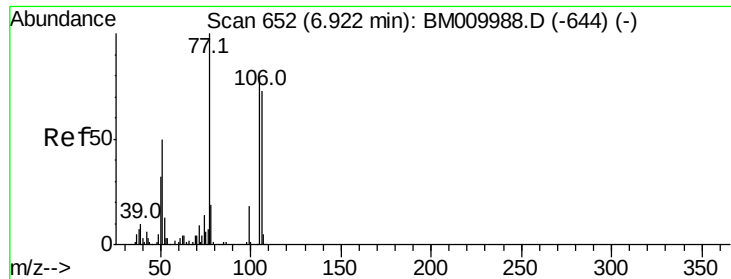
Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion: 128 Resp: 628918

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	47.1	24.9	64.9





#9

Benzaldehyde

Concen: 27.97 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampled :

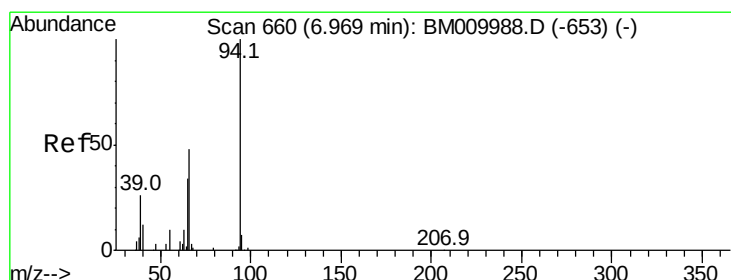
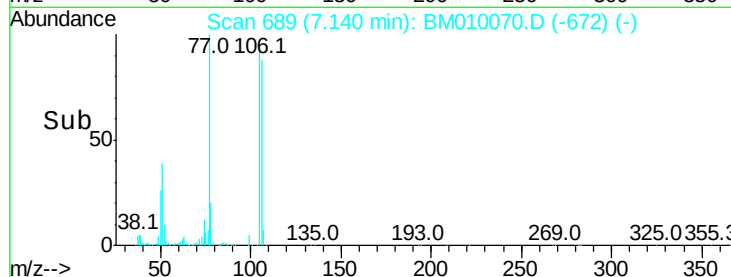
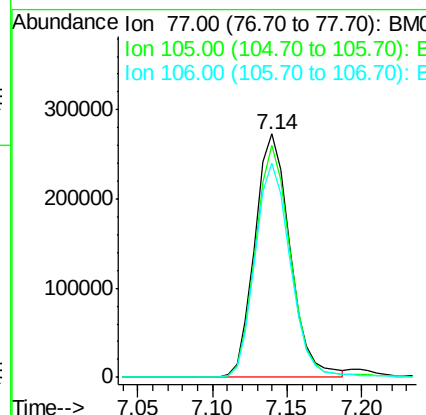
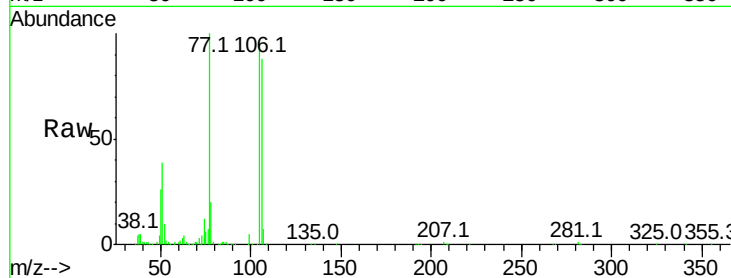
Tot Ion: 77 Resp: 445950

Ion Ratio Lower Upper

77 100

105 95.6 78.8 118.8

106 88.2 73.7 113.7



#10

Phenol

Concen: 34.35 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

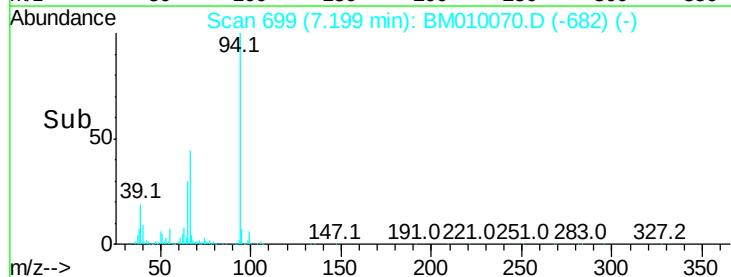
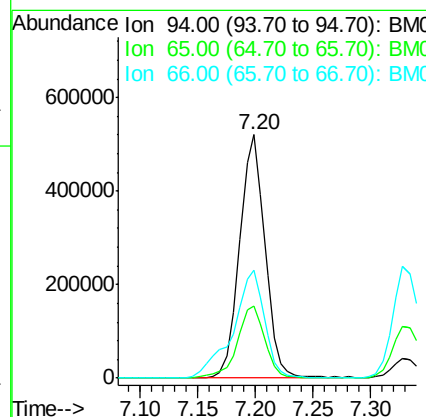
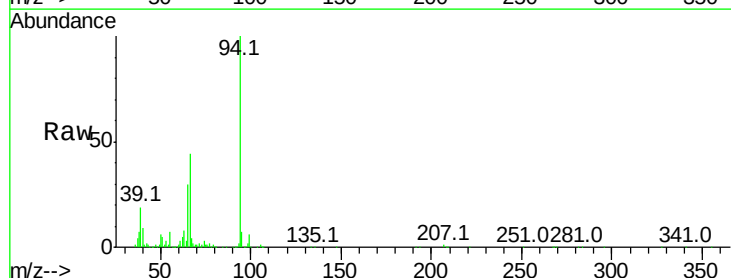
Tgt Ion: 94 Resp: 795023

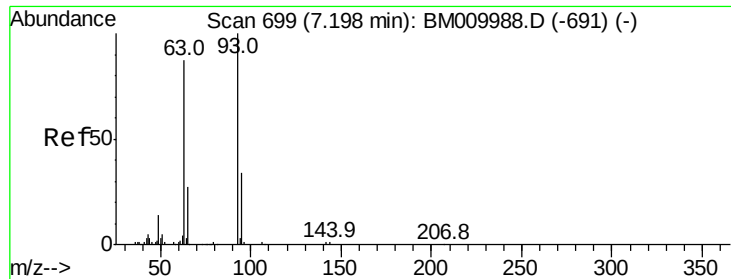
Ion Ratio Lower Upper

94 100

65 29.8 18.8 58.8

66 44.2 39.9 79.9

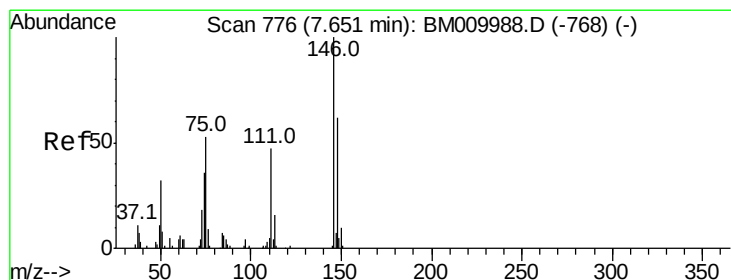
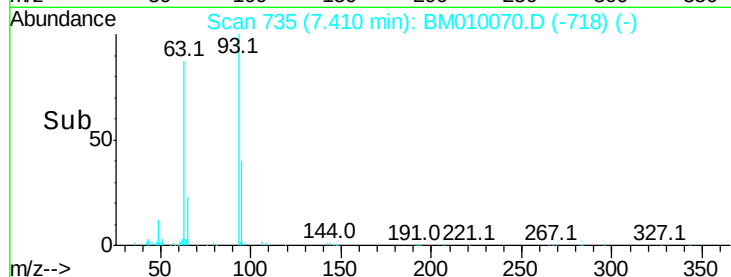
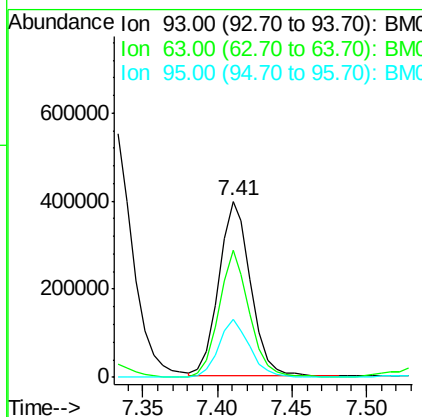
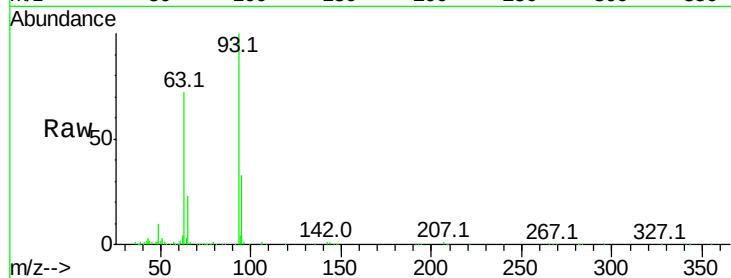




#11
bis(2-Chloroethyl)ether
Concen: 32.94 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

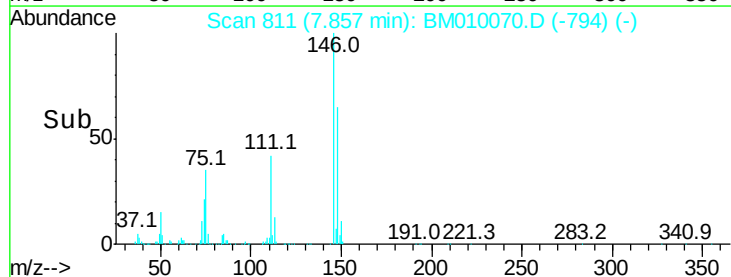
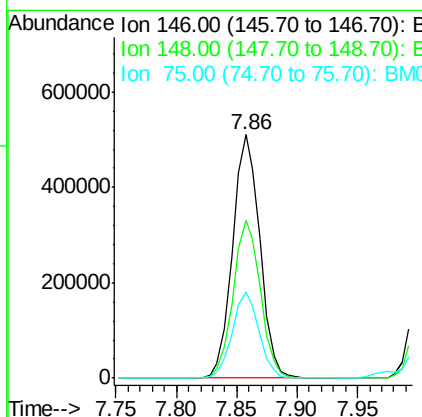
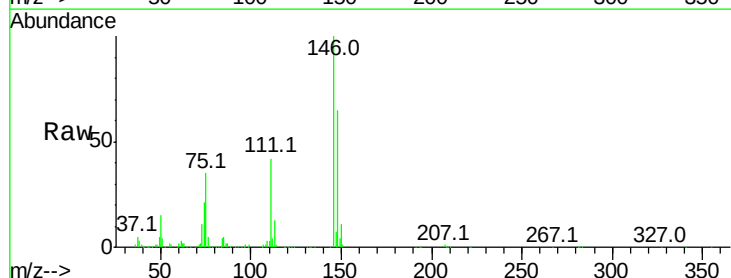
Instrument :
BNA_M
ClientSampleId :

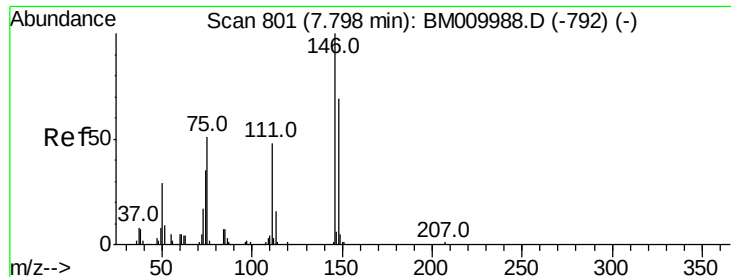
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.5	89.5
95	33.1	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 49.95 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	35.5	21.4	32.2

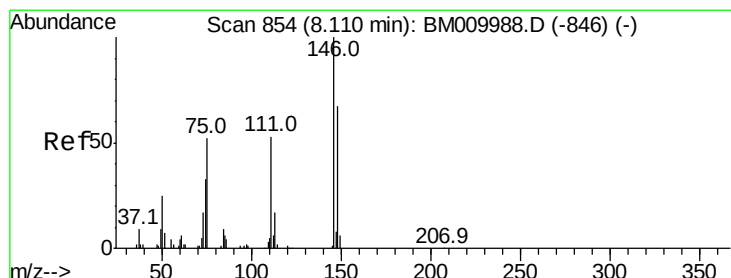
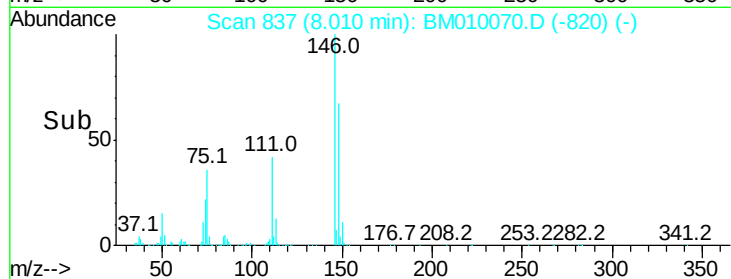
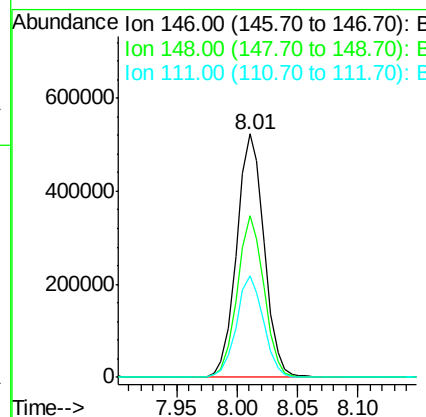
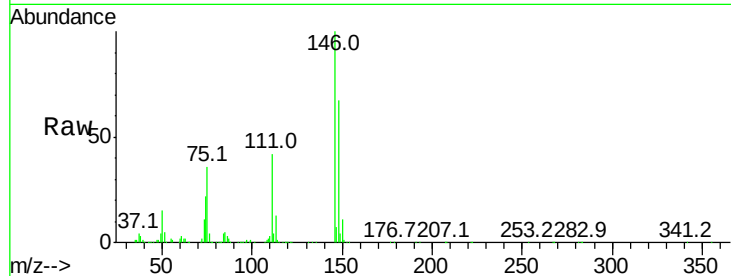




#13
 1,4-Dichlorobenzene
 Concen: 49.91 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

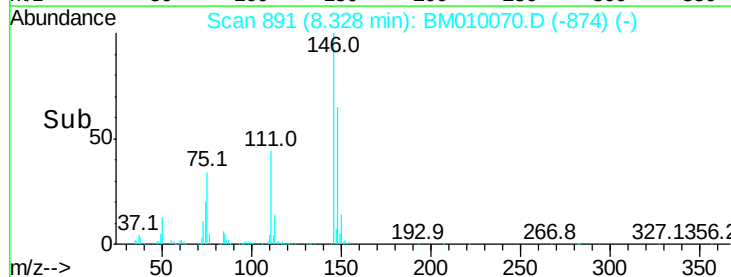
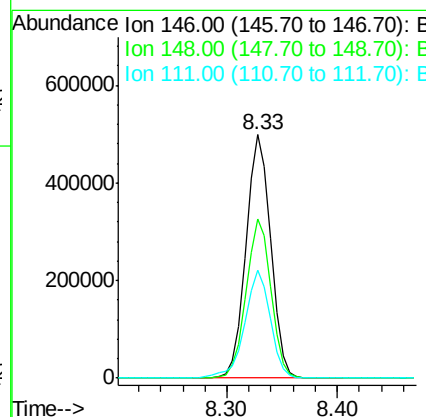
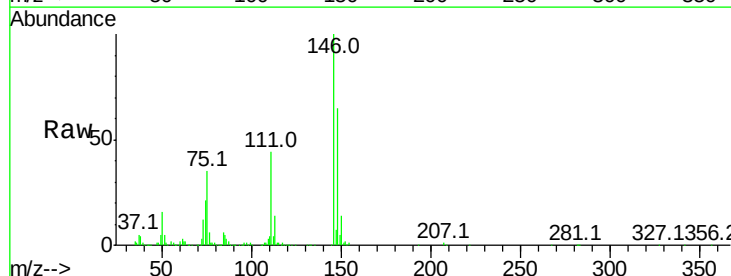
Instrument :
 BNA_M
 ClientSampleId :

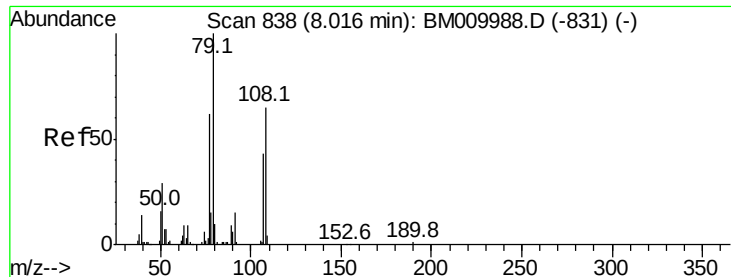
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.9	77.9
111	41.7	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 49.13 ng
 RT: 8.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	44.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 32.99 ng

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

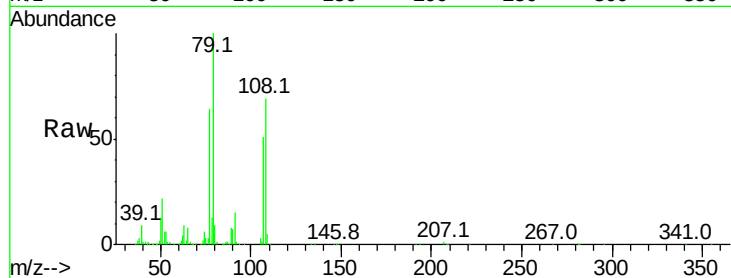
Tot Ion: 79 Resp: 598914

Ion Ratio Lower Upper

79 100

108 68.6 65.0 97.4

77 64.3 53.0 79.6

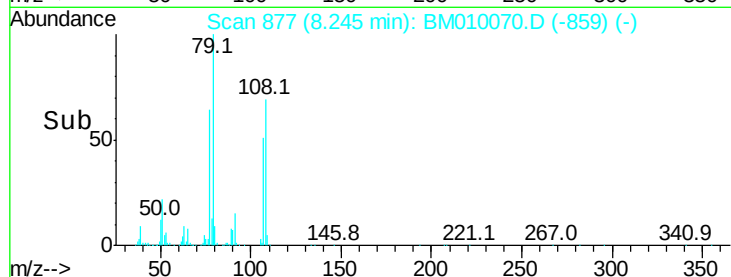


Abundance Ion 79.00 (78.70 to 79.70): BM010070.D (-877) (-)

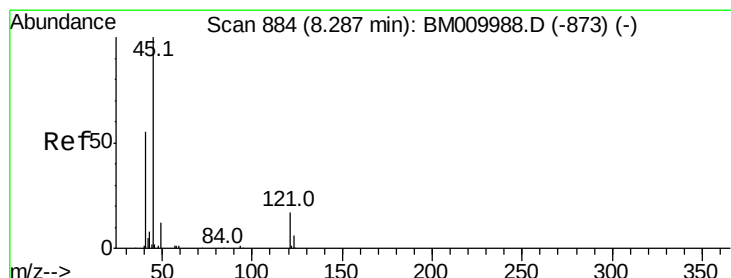
Ion 108.00 (107.70 to 108.70): BM010070.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM010070.D (-877) (-)

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.29 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

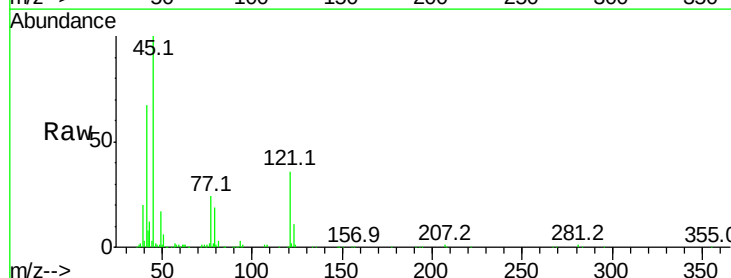
Tgt Ion: 45 Resp: 550970

Ion Ratio Lower Upper

45 100

77 23.6 0.0 35.2

79 18.7 0.0 32.0

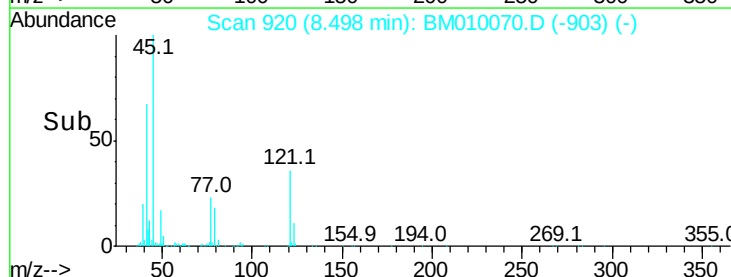


Abundance Ion 45.00 (44.70 to 45.70): BM010070.D (-903) (-)

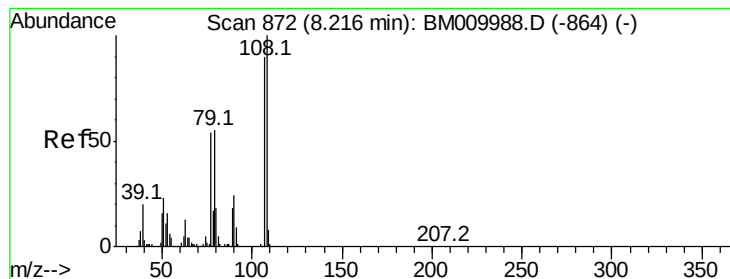
Ion 77.00 (76.70 to 77.70): BM010070.D (-903) (-)

Ion 79.00 (78.70 to 79.70): BM010070.D (-903) (-)

Time-->



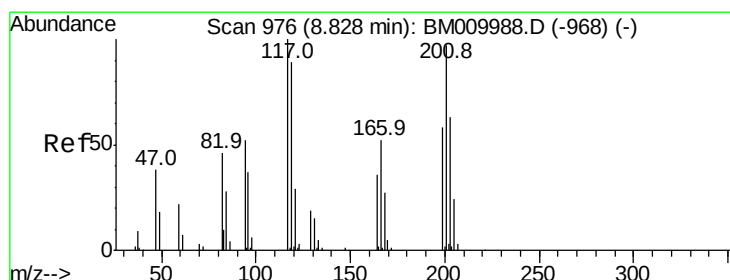
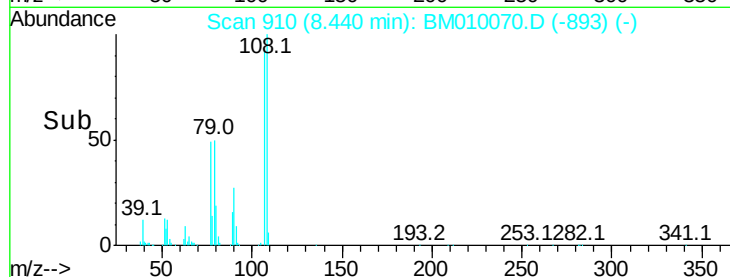
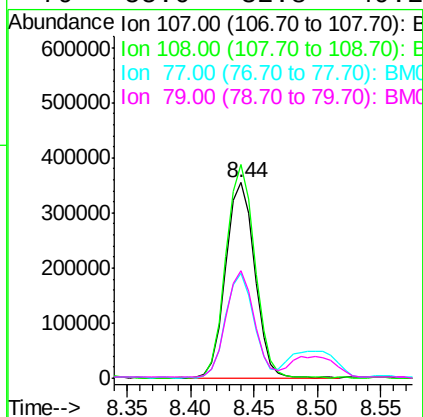
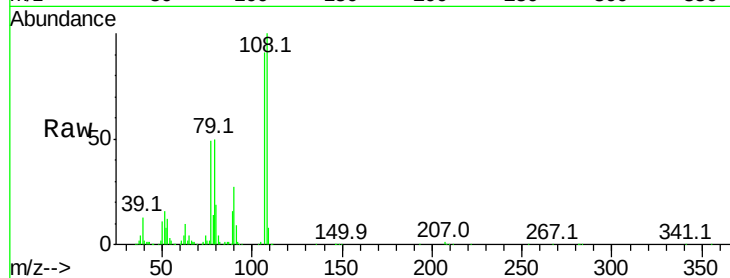
Time-->



#17
2-Methylphenol
Concen: 37.39 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

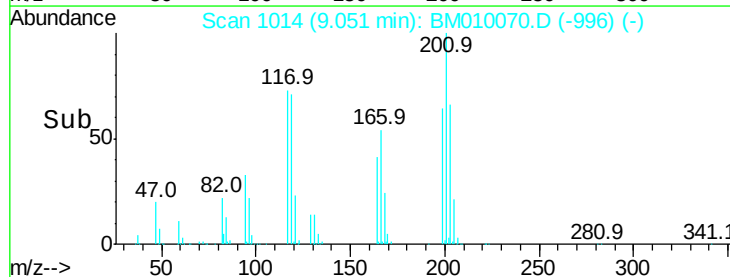
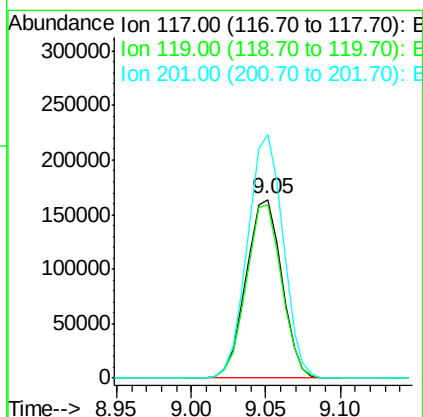
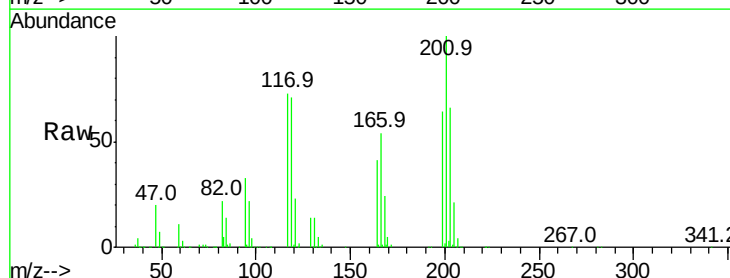
Instrument :
BNA_M
ClientSampled :

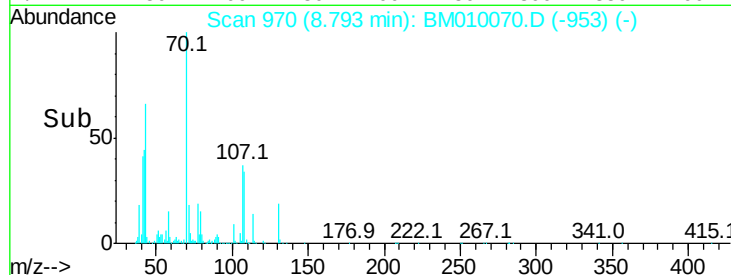
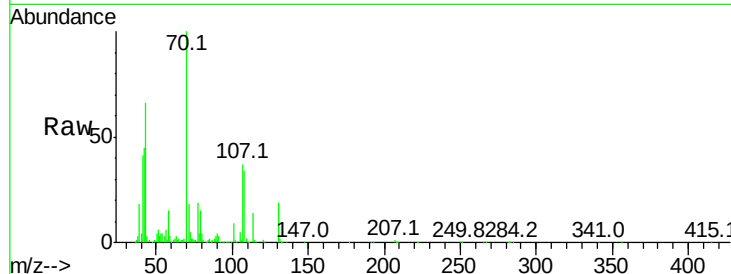
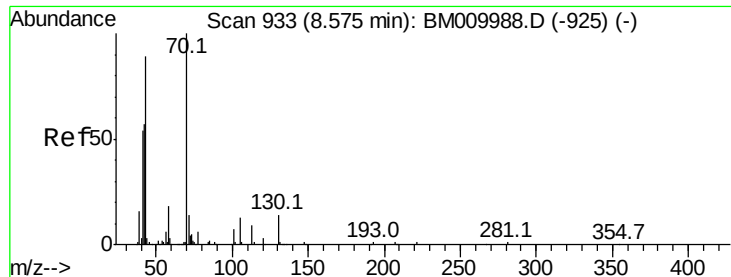
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.8
77	53.7	32.6	48.8#
79	55.0	32.8	49.2#



#18
Hexachloroethane
Concen: 39.62 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.2	118.8
201	136.4	69.8	104.6#

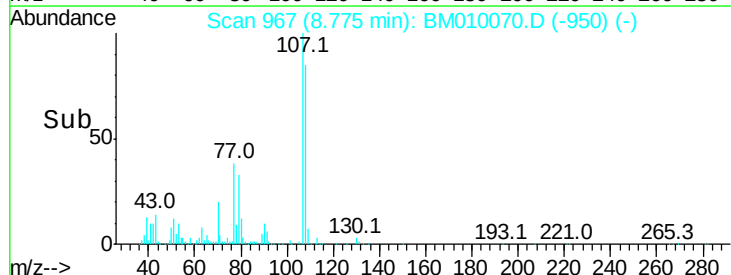
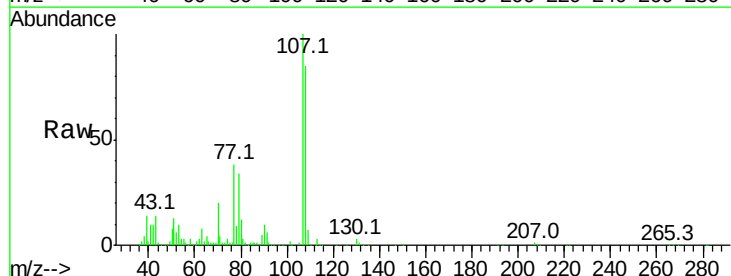
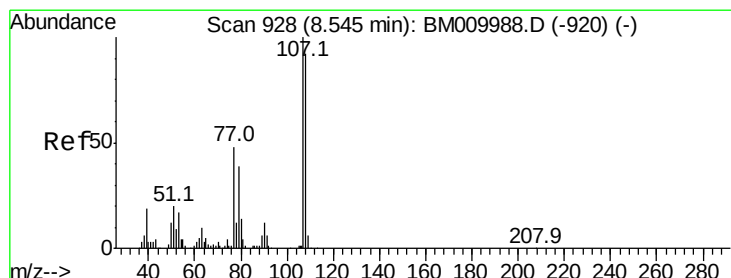
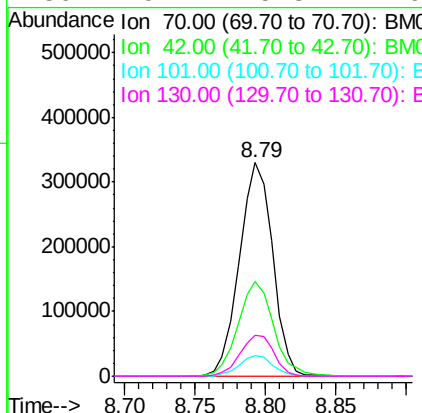




#19
n-Nitroso-di-n-propylamine
Concen: 28.24 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

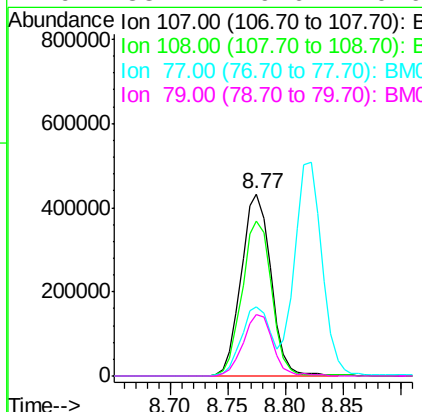
Instrument :
BNA_M
ClientSampled :

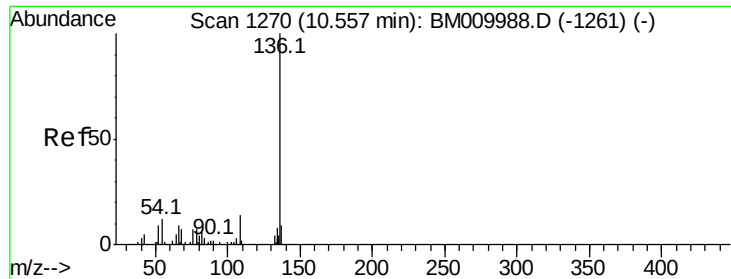
Tot Ion:	70	Resp:	545663
Ion	Ratio	Lower	Upper
70	100		
42	44.5	44.5	66.7
101	9.4	7.4	11.2
130	19.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 37.61 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:	107	Resp:	773672
Ion	Ratio	Lower	Upper
107	100		
108	85.3	73.2	113.2
77	38.1	10.7	50.7
79	33.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 777304

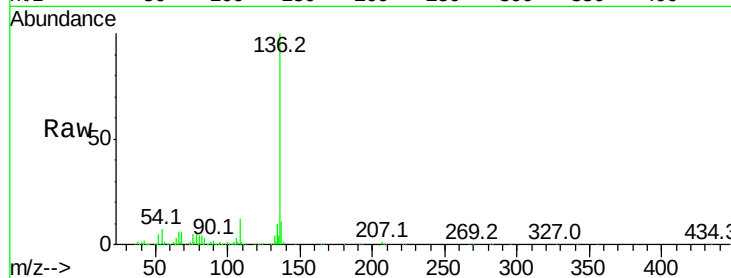
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.7 4.6 6.8

68 5.8 3.7 5.5#

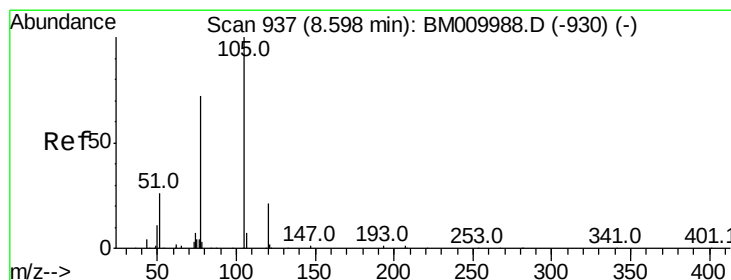
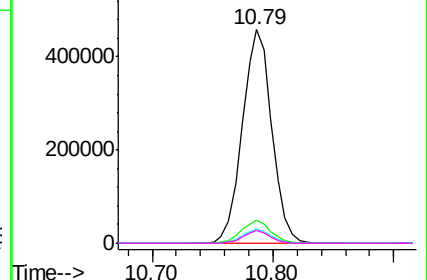
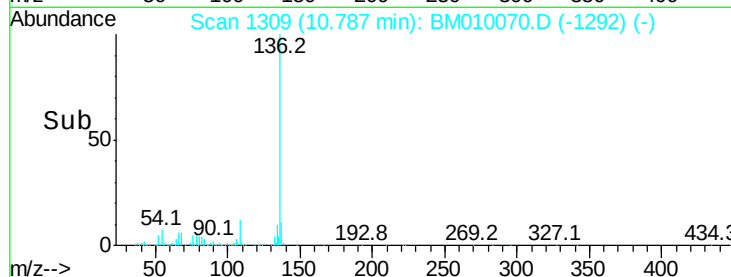


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.92 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion:105 Resp: 1019981

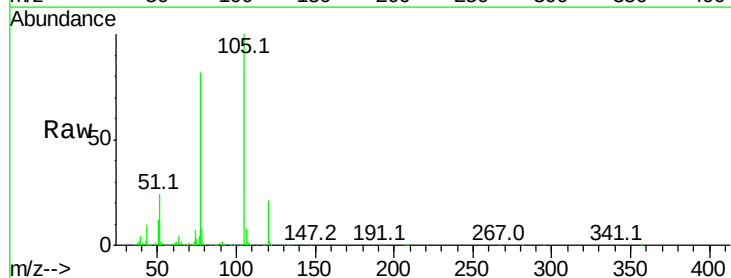
Ion Ratio Lower Upper

105 100

71 0.3 0.6 1.0#

51 23.8 21.6 32.4

120 21.0 16.1 24.1

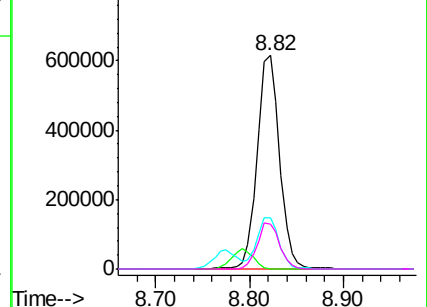
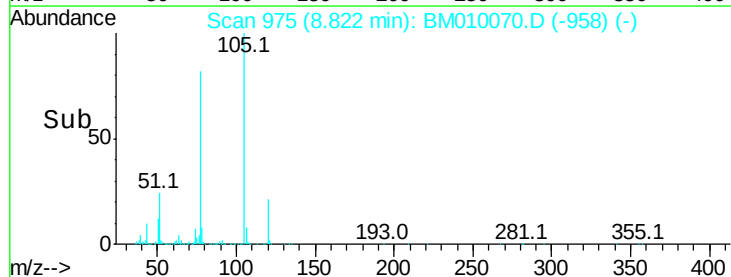


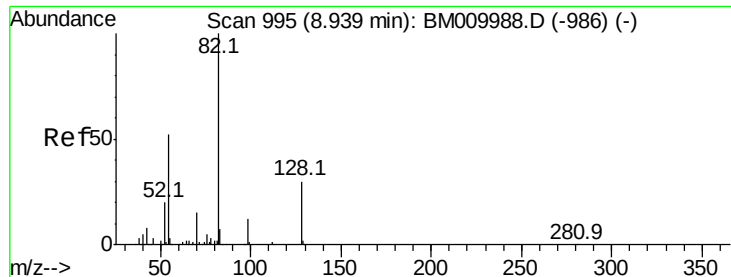
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

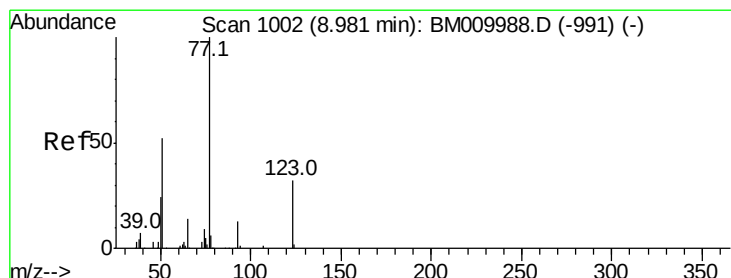
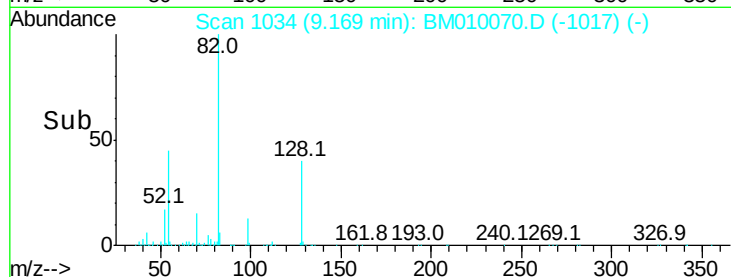
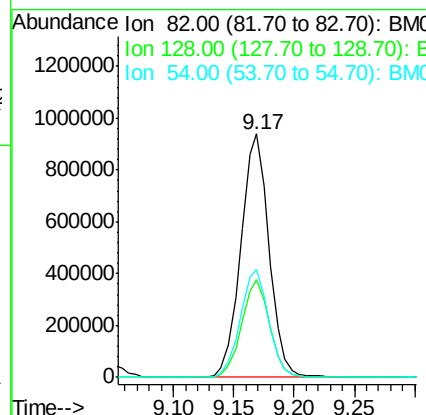
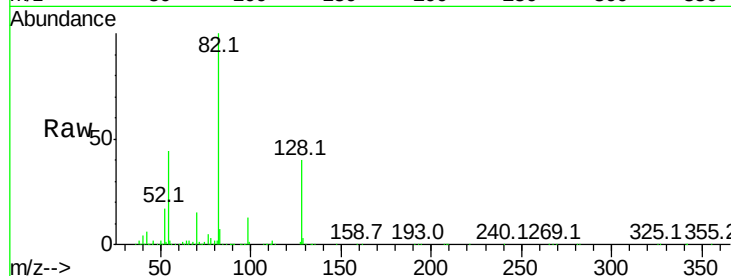




#23
 Nitrobenzene-d5
 Concen: 72.27 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

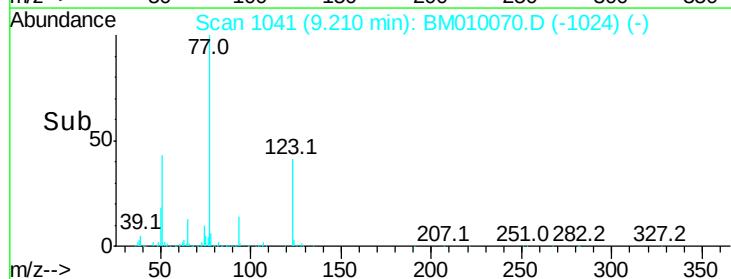
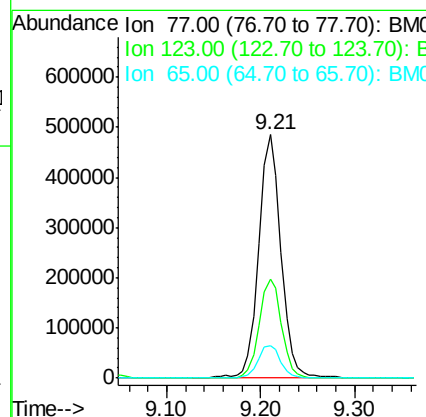
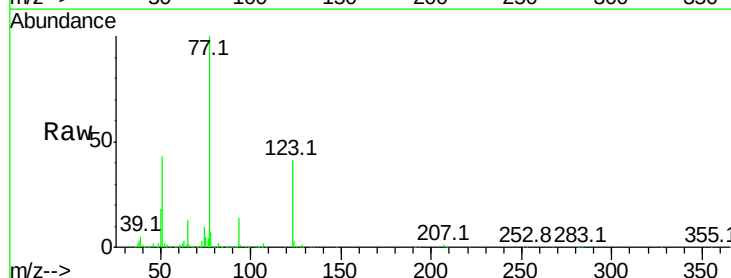
Instrument :
 BNA_M
 ClientSampleId :

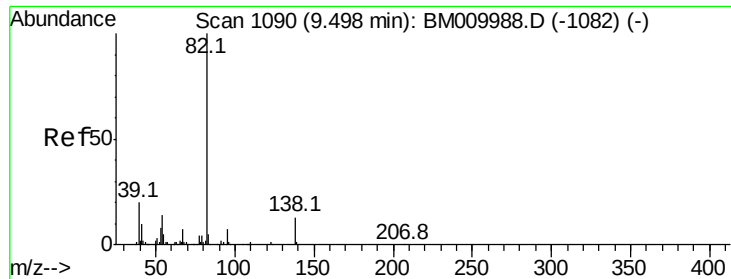
Tot Ion: 82 Resp: 1537168
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.8 49.2
 54 44.2 40.6 60.8



#24
 Nitrobenzene
 Concen: 35.02 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion: 77 Resp: 792732
 Ion Ratio Lower Upper
 77 100
 123 40.8 32.6 49.0
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 35.21 ng

RT: 9.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampled :

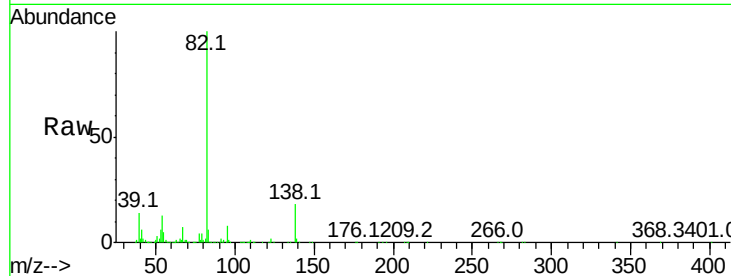
Tot Ion: 82 Resp: 1288908

Ion Ratio Lower Upper

82 100

95 8.3 5.8 8.6

138 17.8 16.3 24.5



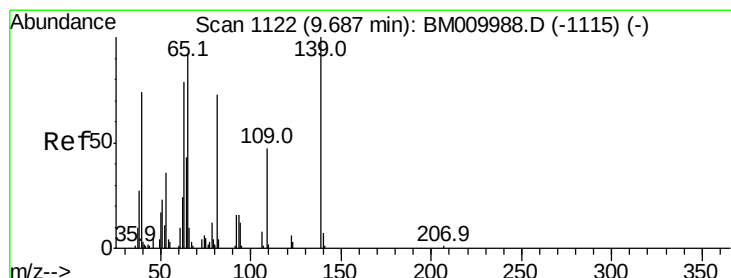
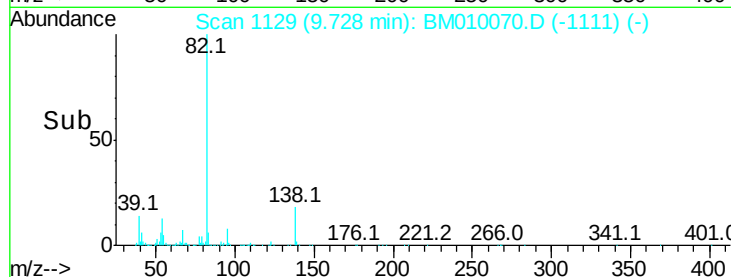
Abundance Ion 82.00 (81.70 to 82.70): BM010070.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): BM010070.D (-1129) (-)

Ion 138.00 (137.70 to 138.70): BM010070.D (-1129) (-)

9.73

Time-->



#26

2-Nitrophenol

Concen: 48.99 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

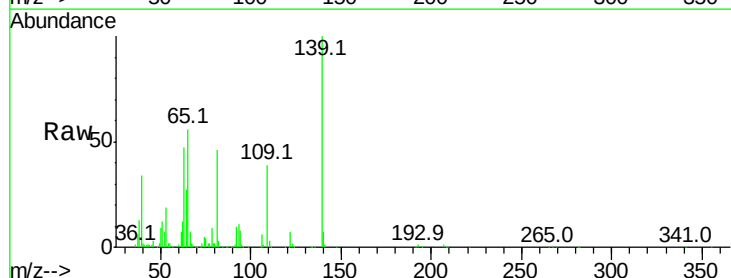
Tgt Ion: 139 Resp: 333894

Ion Ratio Lower Upper

139 100

109 38.8 20.1 30.1#

65 55.6 31.5 47.3#



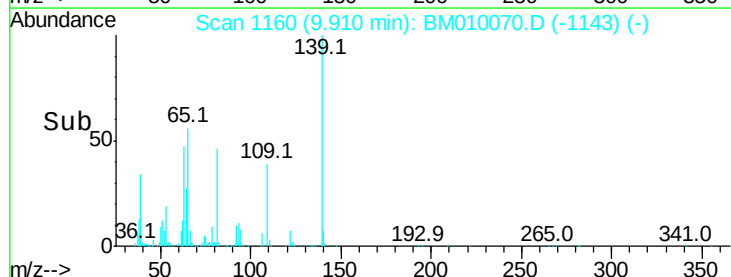
Abundance Ion 139.00 (138.70 to 139.70): BM010070.D (-1160) (-)

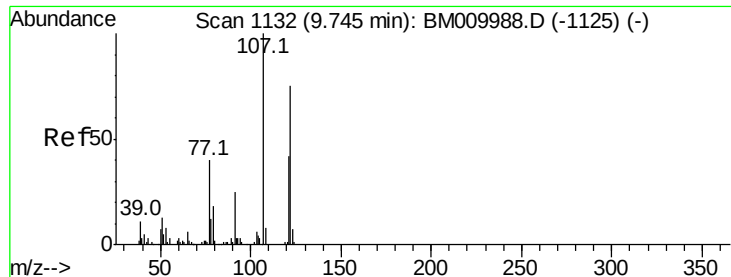
Ion 109.00 (108.70 to 109.70): BM010070.D (-1160) (-)

Ion 65.00 (64.70 to 65.70): BM010070.D (-1160) (-)

9.91

Time-->

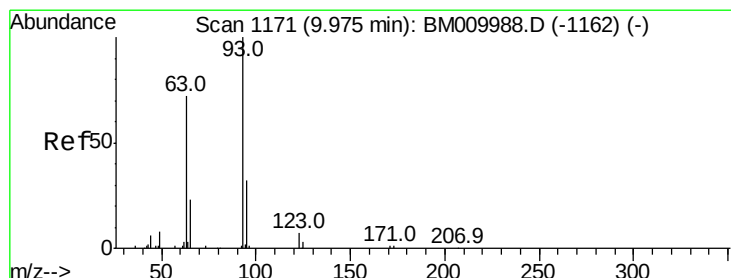
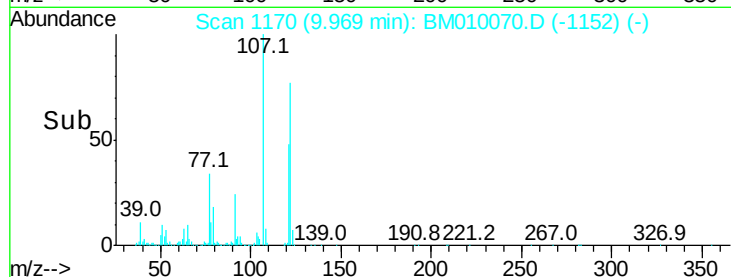
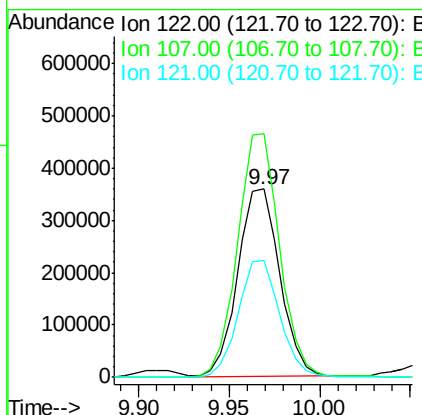
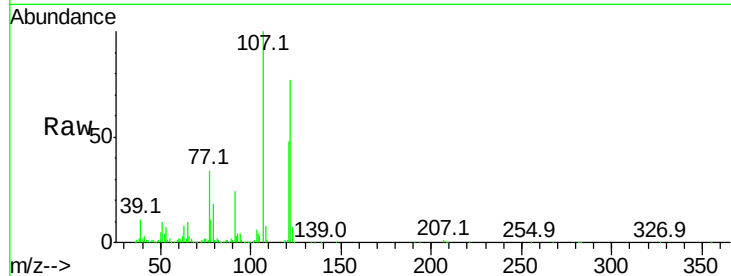




#27
 2,4-Dimethylphenol
 Concen: 45.33 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

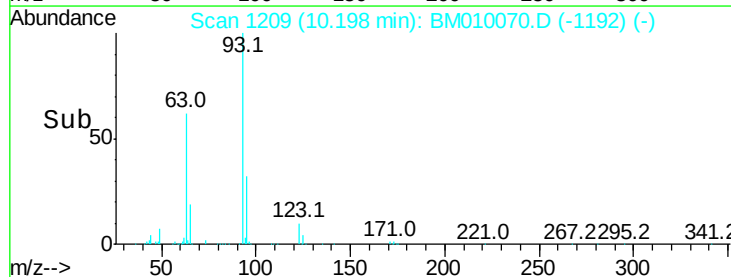
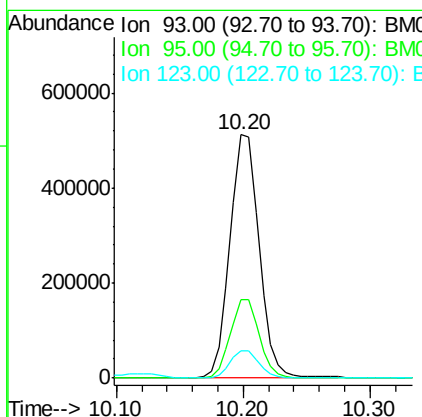
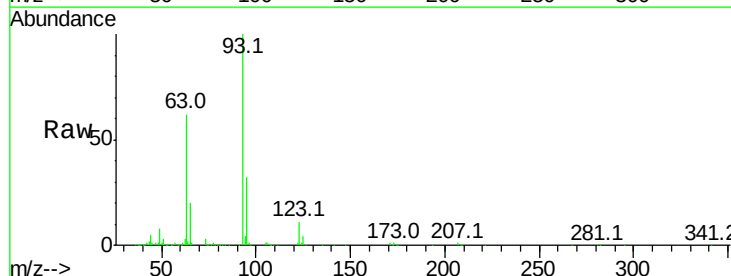
Instrument :
 BNA_M
 ClientSampleId :

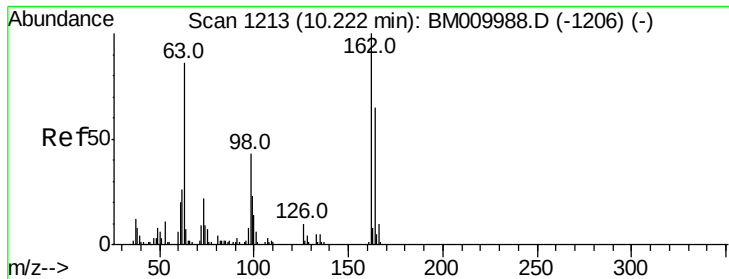
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	84.7	127.1#
121	62.2	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.08 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	11.5	8.6	13.0

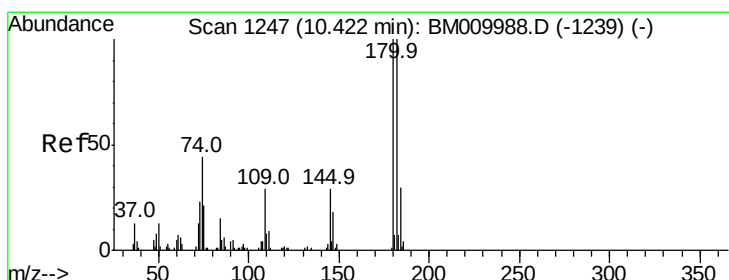
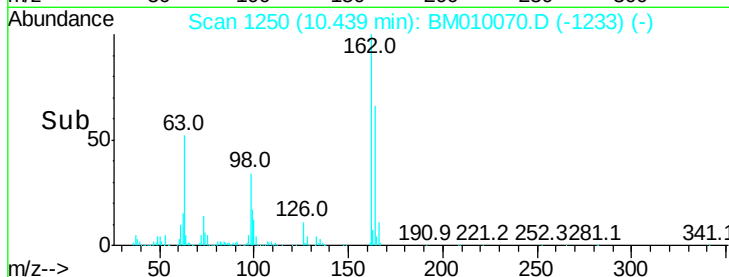
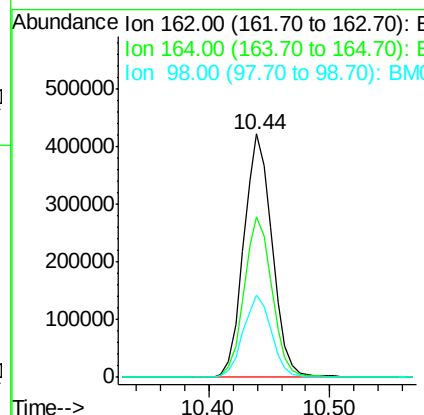
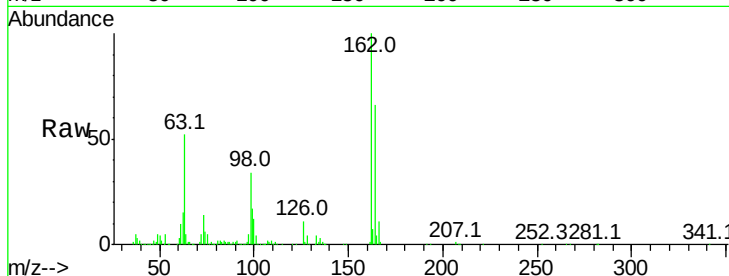




#29
2,4-Dichlorophenol
Concen: 55.88 ng
RT: 10.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

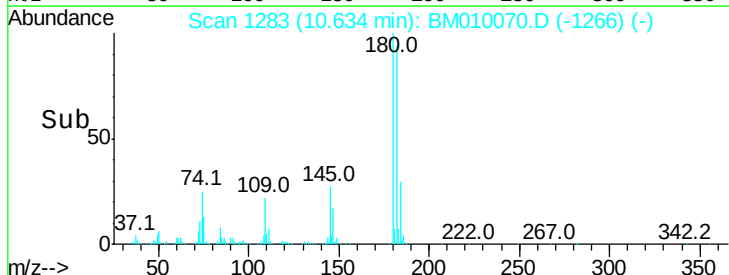
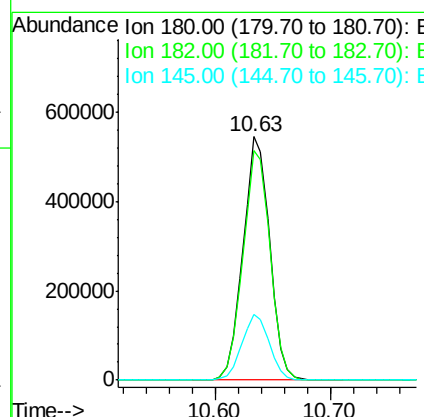
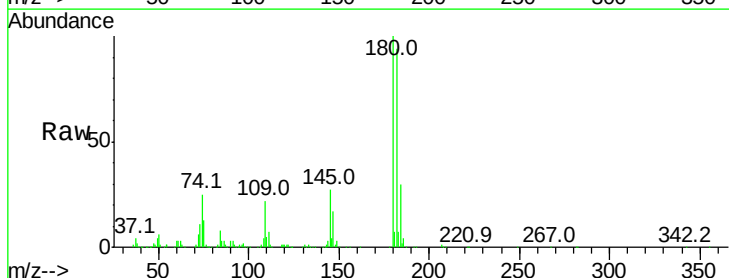
Instrument :
BNA_M
ClientSampleId :

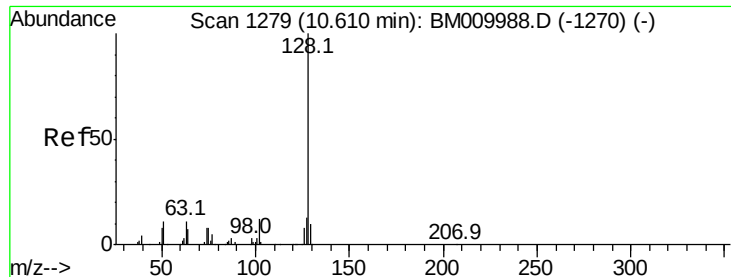
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.8	82.8
98	33.9	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 60.22 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.6	116.4
145	26.8	23.4	35.2

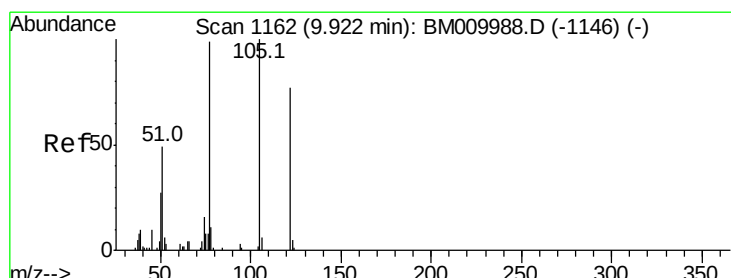
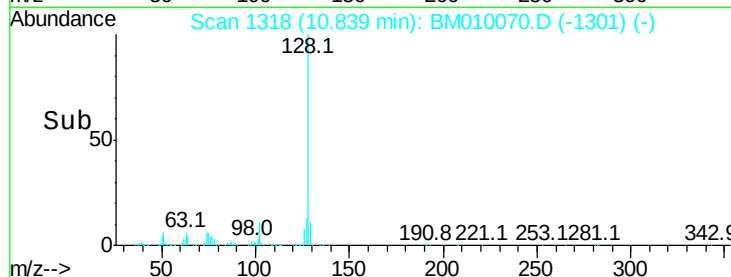
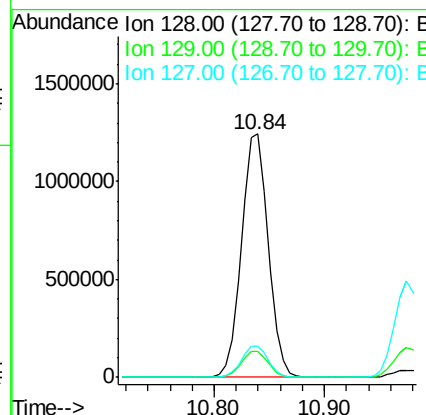
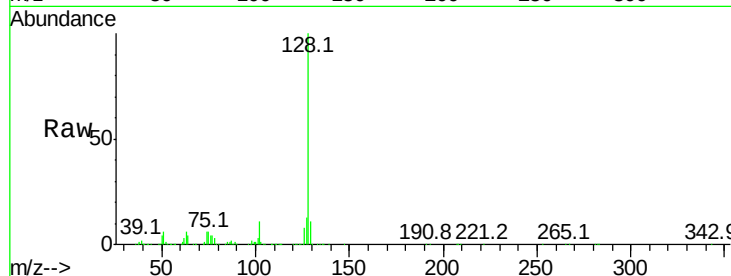




#31
Naphthalene
Concen: 49.55 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

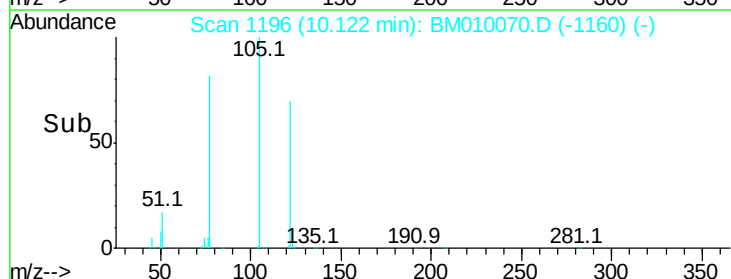
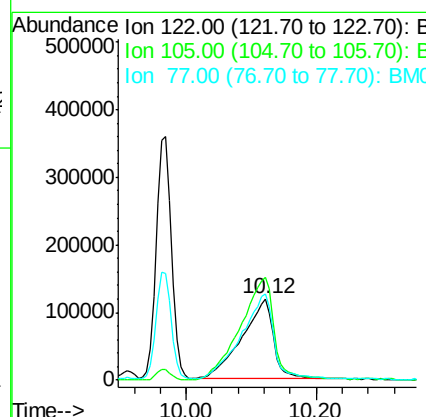
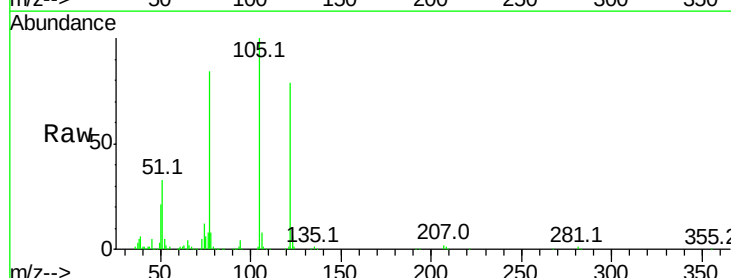
Instrument :
BNA_M
ClientSampleId :

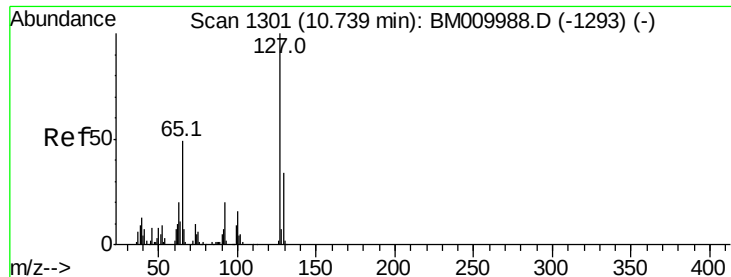
Tot Ion:128 Resp: 2120239
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 47.36 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:122 Resp: 404212
Ion Ratio Lower Upper
122 100
105 127.2 99.9 139.9
77 106.7 73.7 113.7

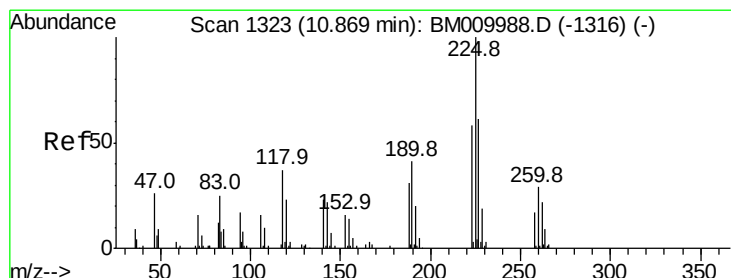
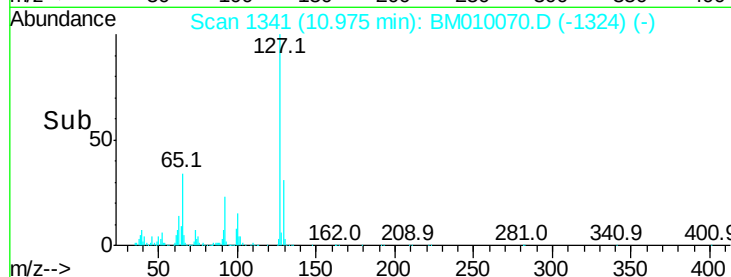
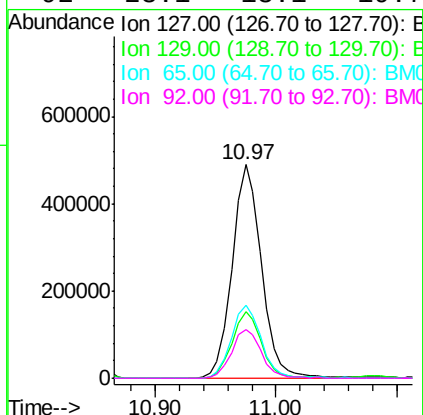
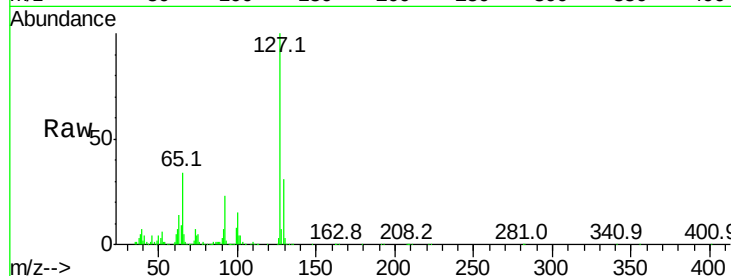




#33
4-Chloroaniline
Concen: 45.55 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

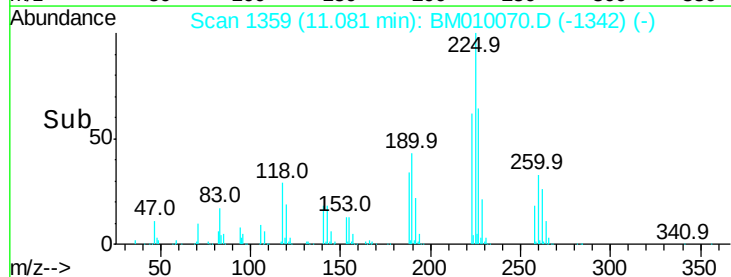
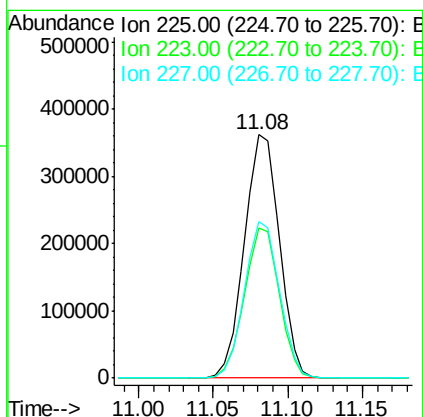
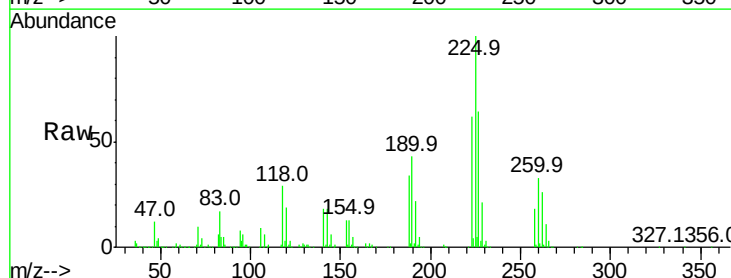
Instrument :
BNA_M
ClientSampleId :

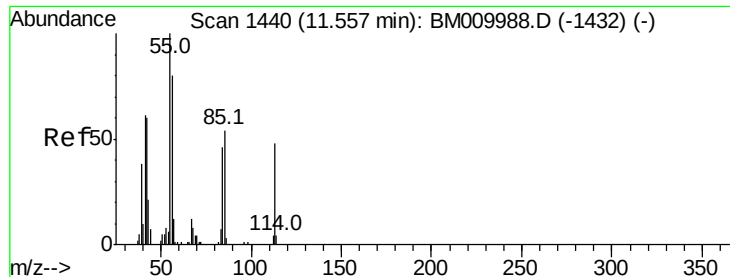
Tot Ion:	127	Resp:	828718
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	34.3	17.6	26.4
92	23.1	13.1	19.7



#34
Hexachlorobutadiene
Concen: 59.72 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:	225	Resp:	588995
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.9	71.9
227	64.5	50.1	75.1





#35

Caprolactam

Concen: 41.54 ng

RT: 11.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

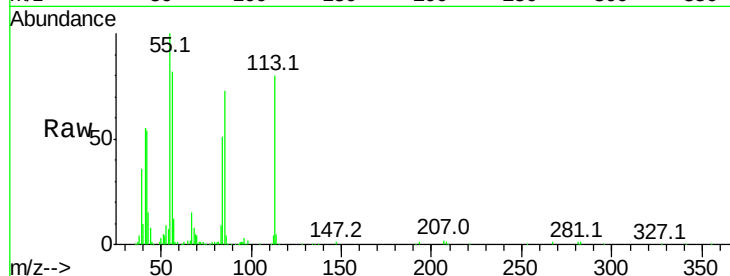
Tot Ion:113 Resp: 201449

Ion Ratio Lower Upper

113 100

55 124.9 145.9 185.9#

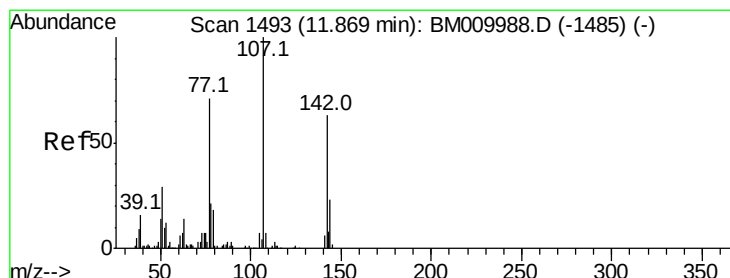
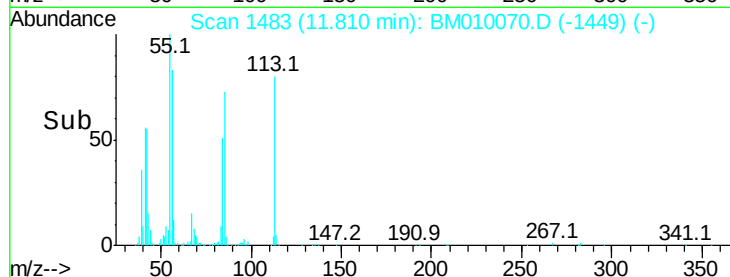
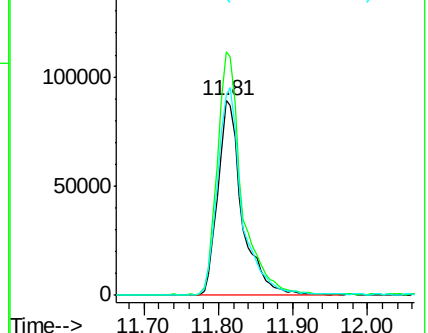
56 102.7 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 45.38 ng

RT: 12.09 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

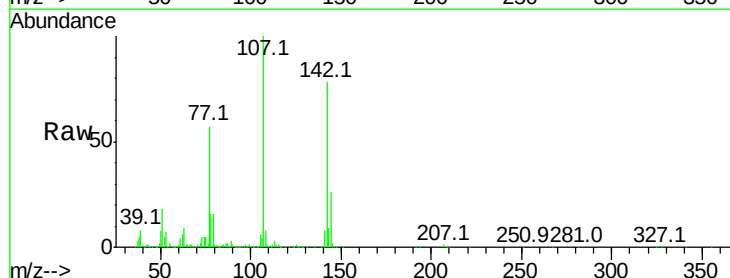
Tgt Ion:107 Resp: 752727

Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

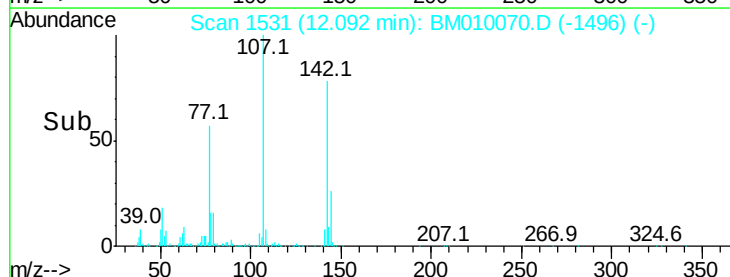
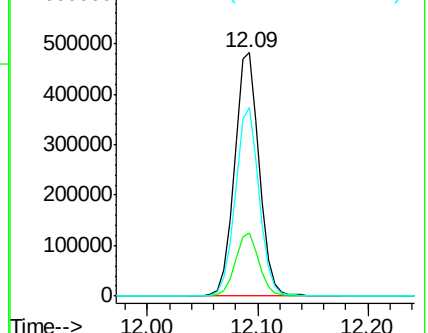
142 77.7 72.6 109.0

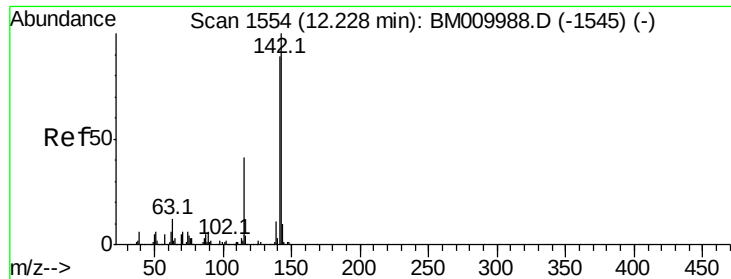


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

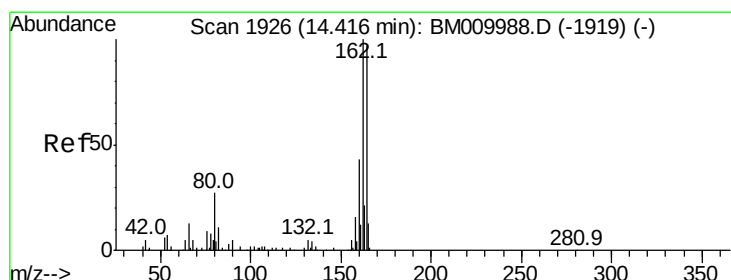
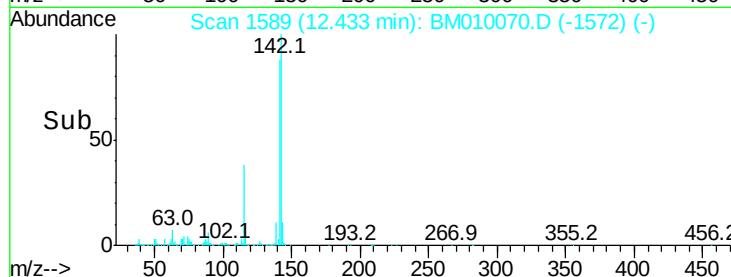
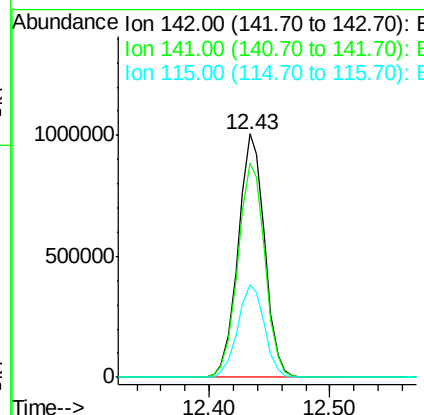
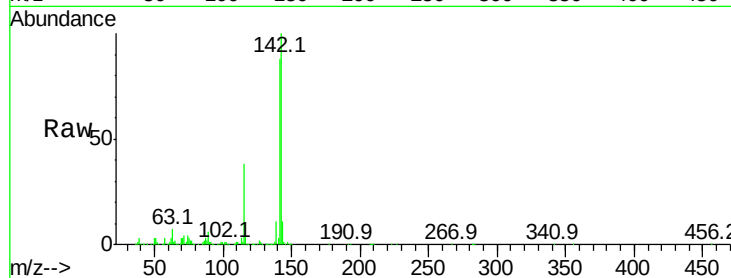




#37
2-Methylnaphthalene
Concen: 50.19 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

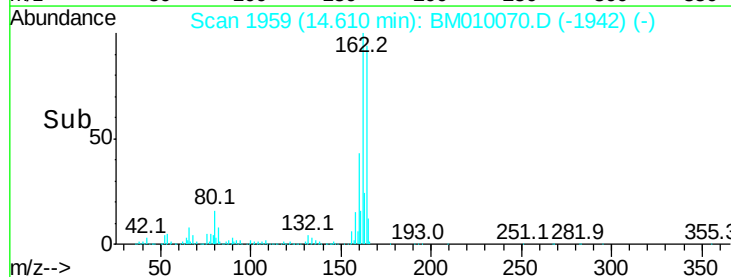
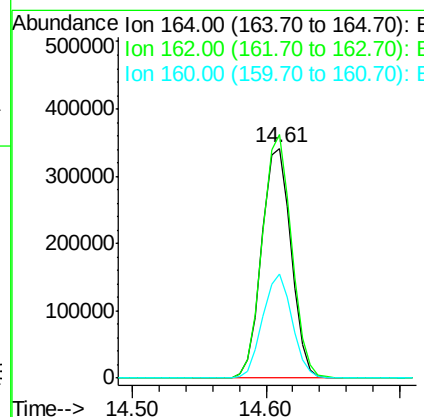
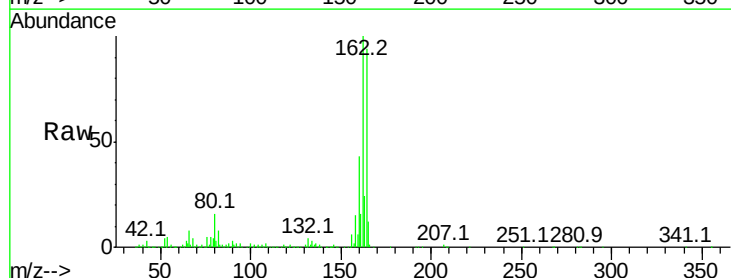
Instrument :
BNA_M
ClientSampled :

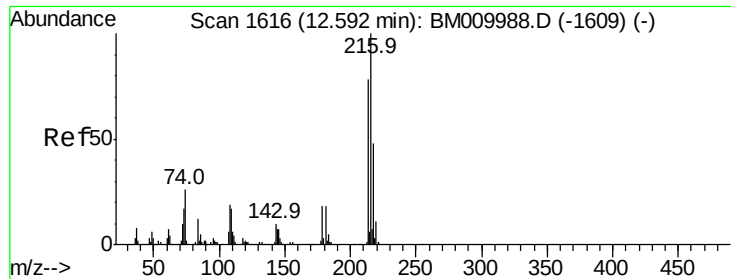
Tot Ion:142 Resp: 1537341
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9
115 38.1 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:164 Resp: 520140
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 45.4 35.8 53.6

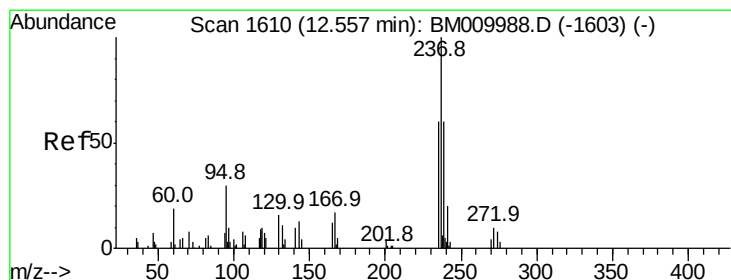
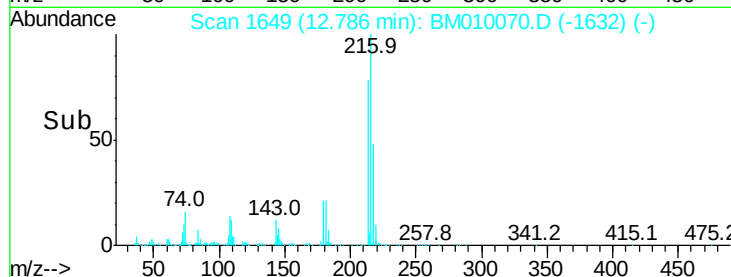
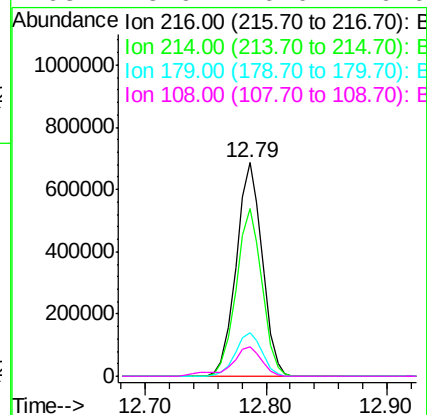
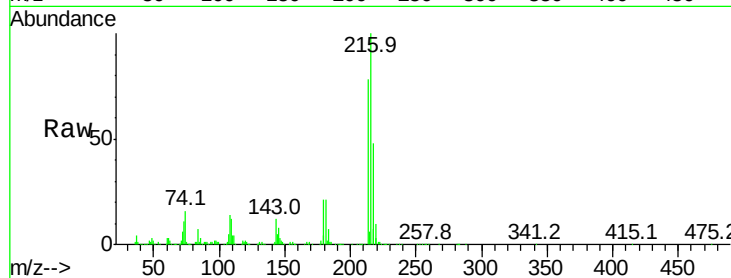




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.26 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

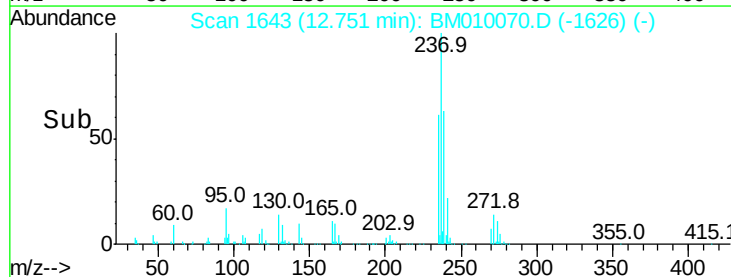
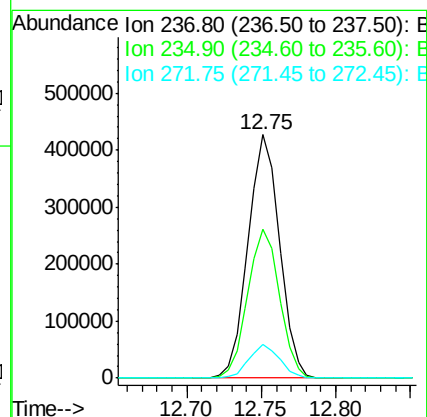
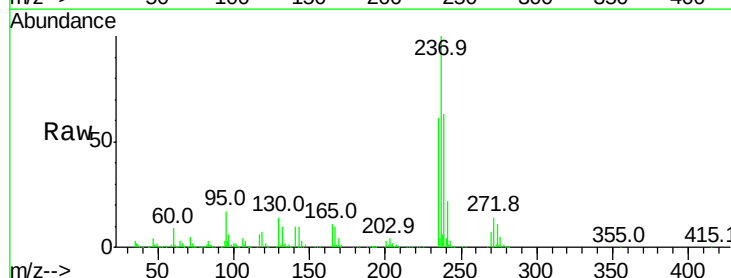
Instrument :
 BNA_M
 ClientSampleId :

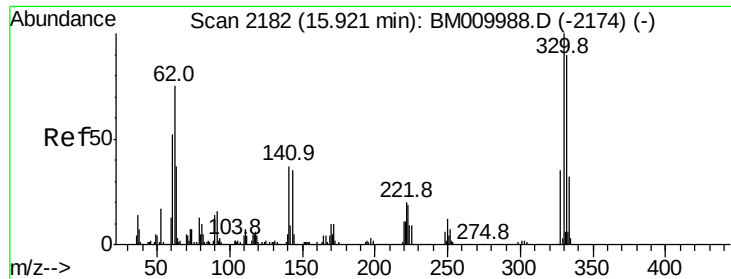
Tot Ion:216 Resp: 1027194
 Ion Ratio Lower Upper
 216 100
 214 77.8 0.0 0.0#
 179 21.0 0.0 0.0#
 108 15.9 0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 214.63 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion:237 Resp: 623165
 Ion Ratio Lower Upper
 237 100
 235 61.4 42.0 82.0
 272 13.6 0.0 33.4

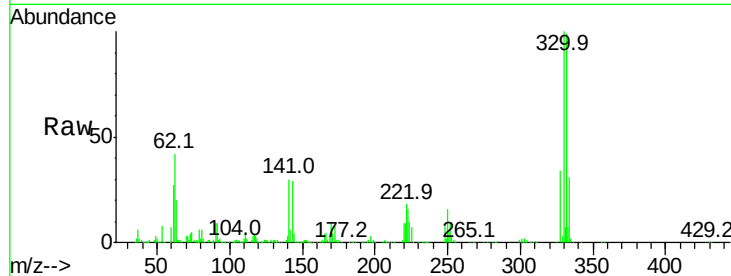




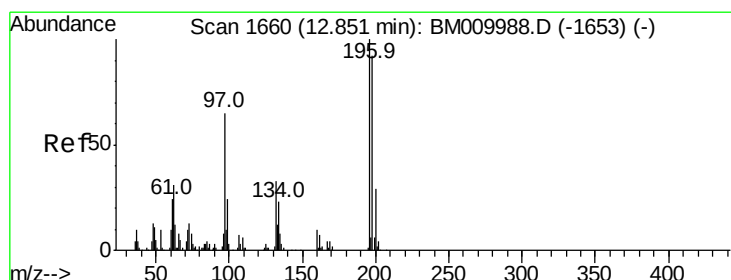
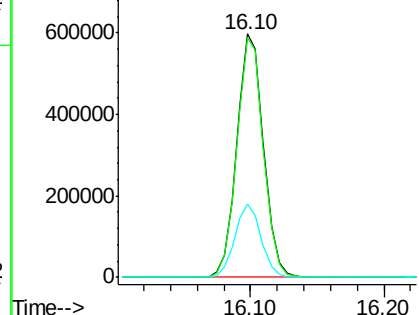
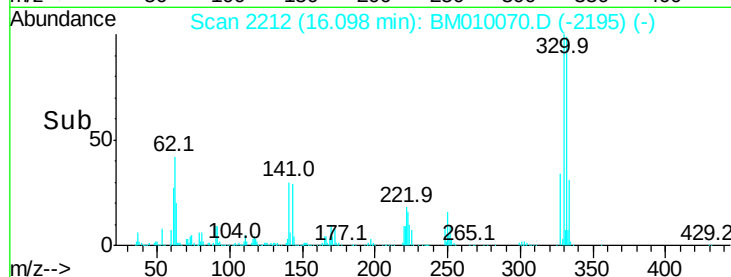
#41
 2,4,6-Tribromophenol
 Concen: 116.58 ng
 RT: 16.10 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	29.8	0.0	0.0#

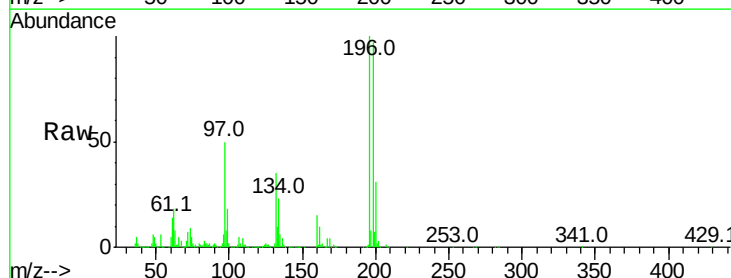


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

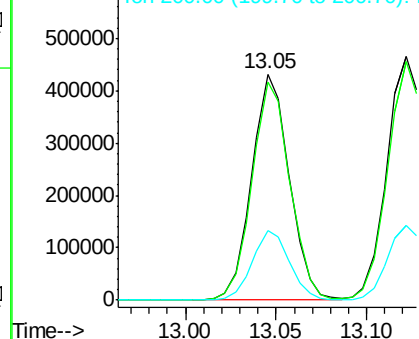
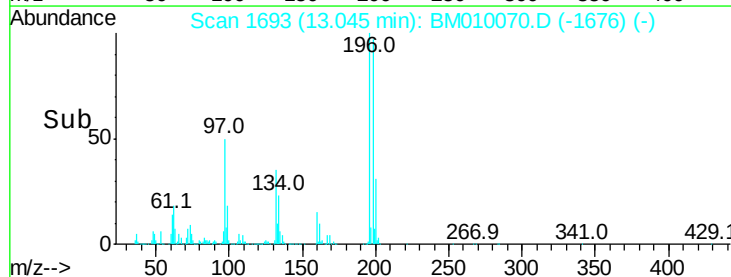


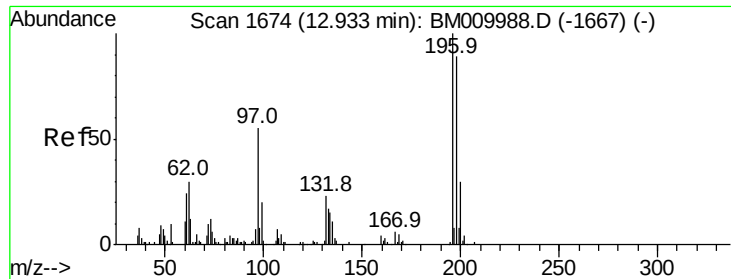
#42
 2,4,6-Trichlorophenol
 Concen: 53.41 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.3	114.5
200	30.7	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

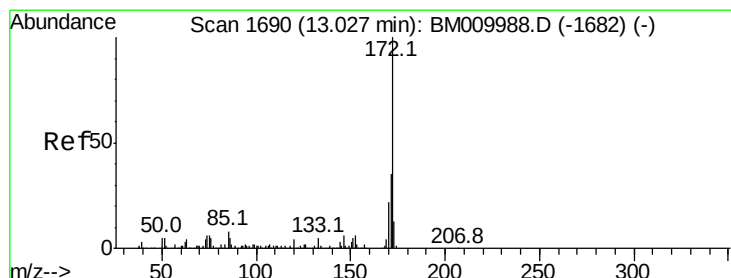
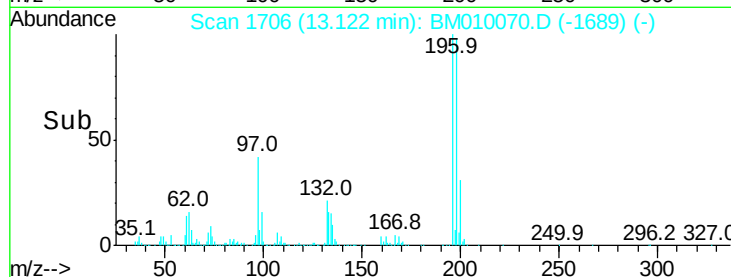
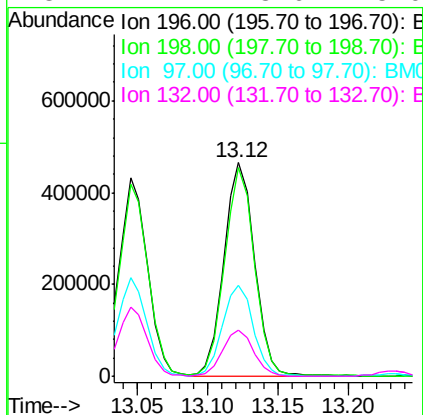
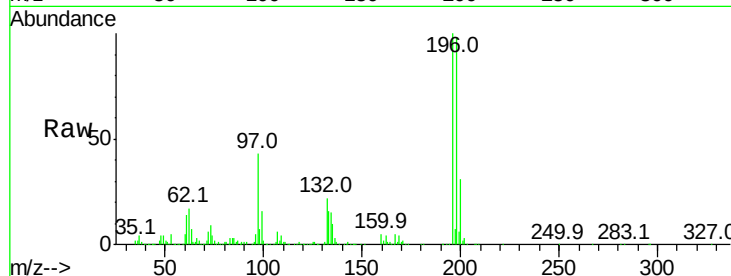




#43
2,4,5-Trichlorophenol
Concen: 54.95 ng
RT: 13.12 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

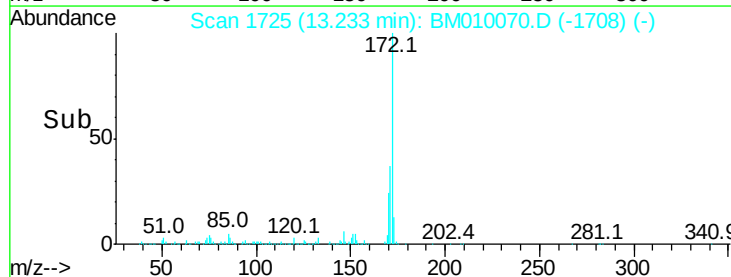
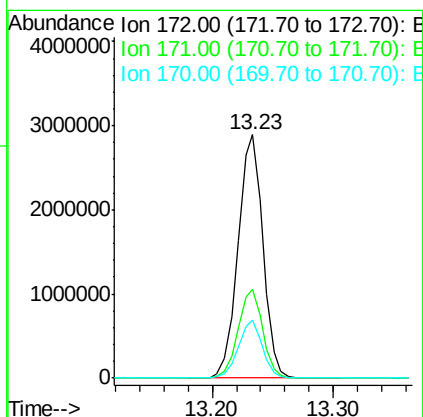
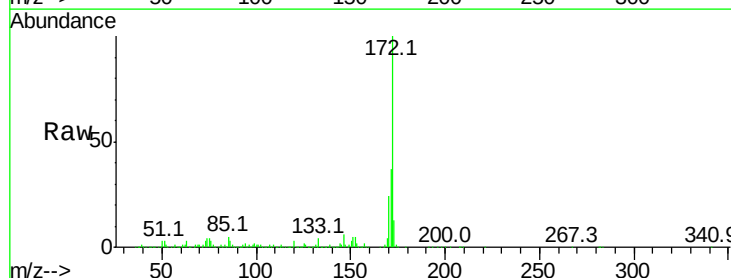
Instrument :
BNA_M
ClientSampleId :

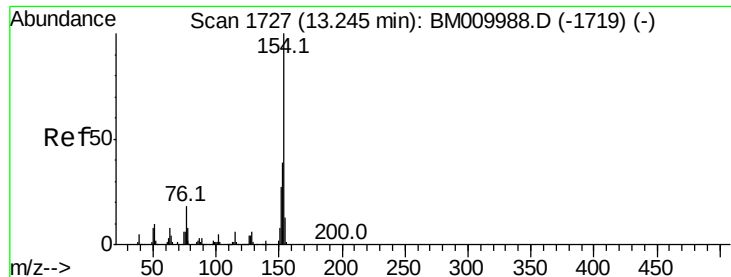
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	79.4	119.0
97	42.8	26.8	40.2
132	21.7	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 106.59 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	23.6	18.8	28.2





#45

1,1'-Biphenyl

Concen: 50.13 ng

RT: 13.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

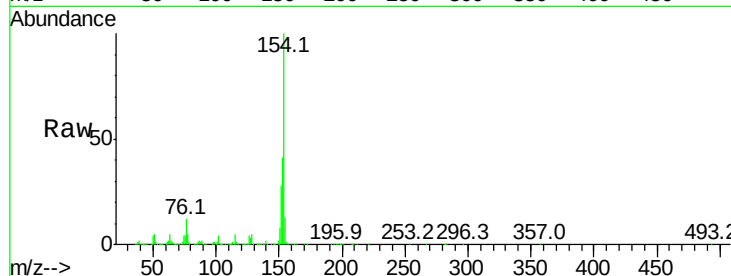
Tot Ion:154 Resp: 2169841

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

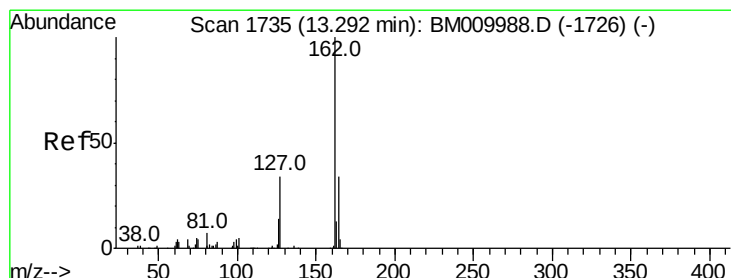
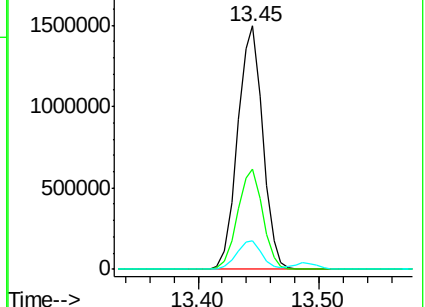
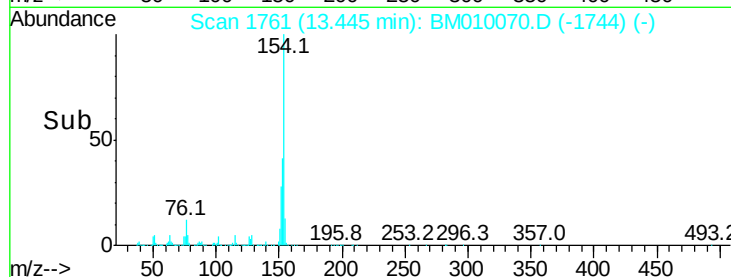
76 11.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 51.86 ng

RT: 13.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

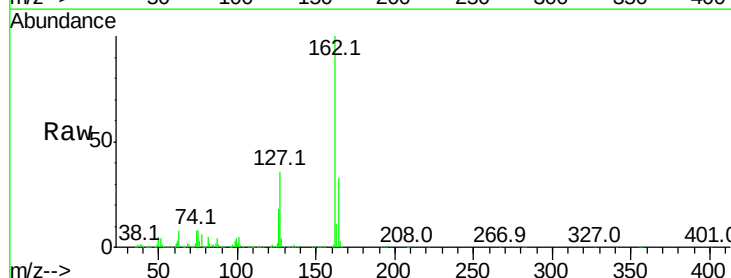
Tgt Ion:162 Resp: 1763908

Ion Ratio Lower Upper

162 100

127 36.4 26.9 40.3

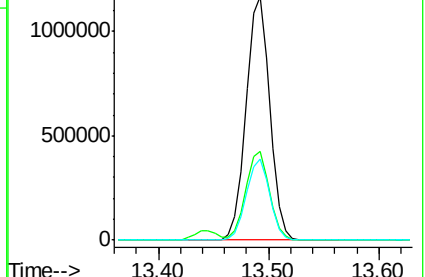
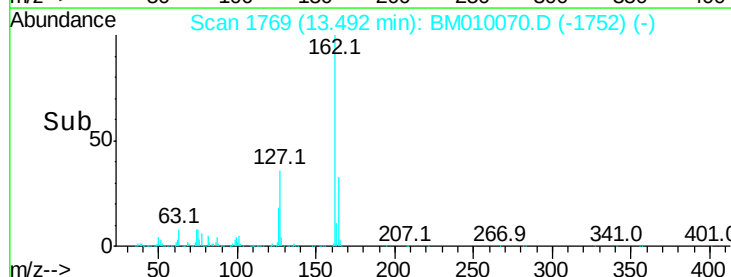
164 33.1 26.8 40.2

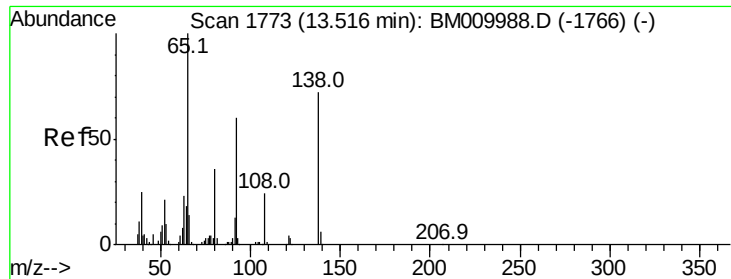


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

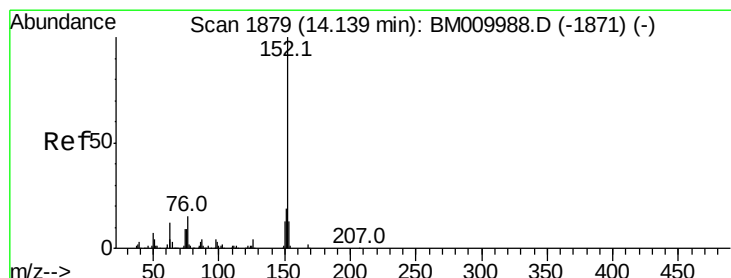
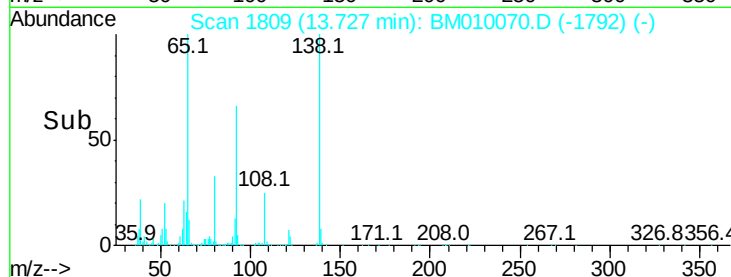
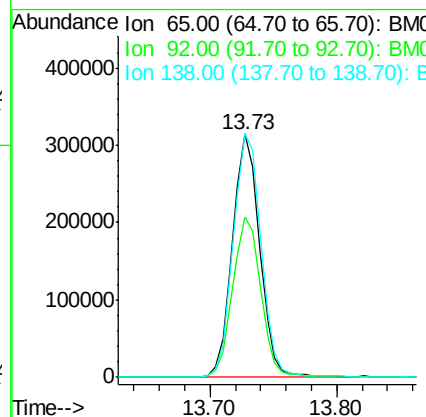
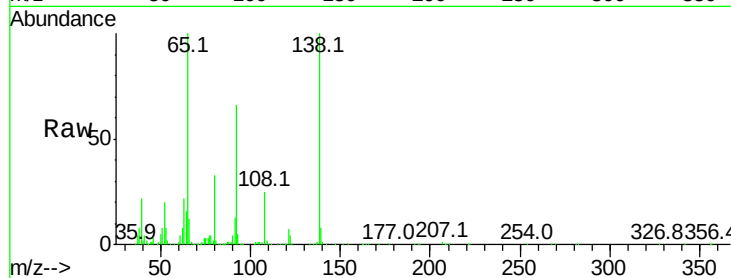




#47
2-Nitroaniline
Concen: 30.27 ng
RT: 13.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

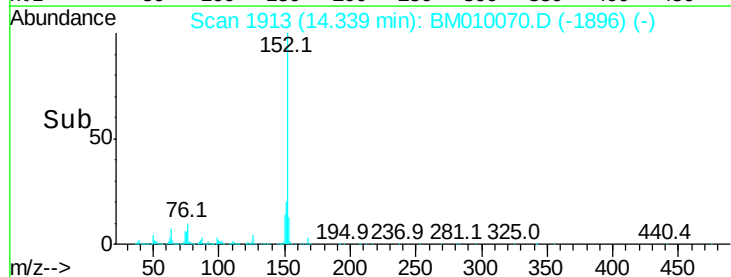
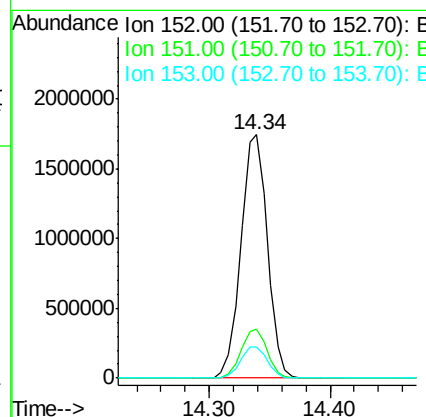
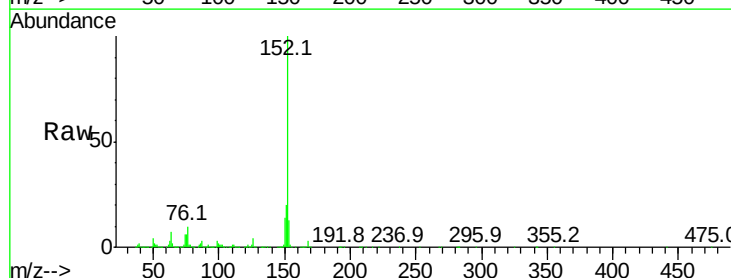
Instrument :
BNA_M
ClientSampled :

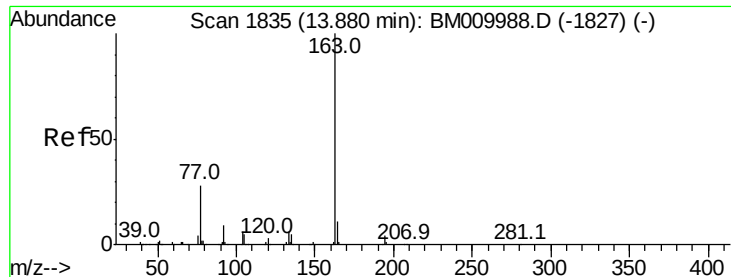
Tot Ion: 65 Resp: 466118
Ion Ratio Lower Upper
65 100
92 65.9 59.1 88.7
138 100.2 93.9 140.9



#48
Acenaphthylene
Concen: 49.84 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion: 152 Resp: 2669565
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 52.03 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

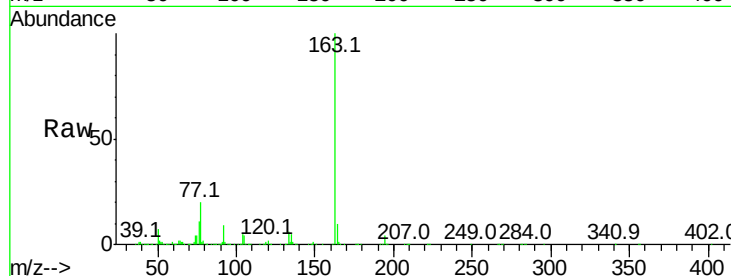
Tot Ion:163 Resp: 2385442

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

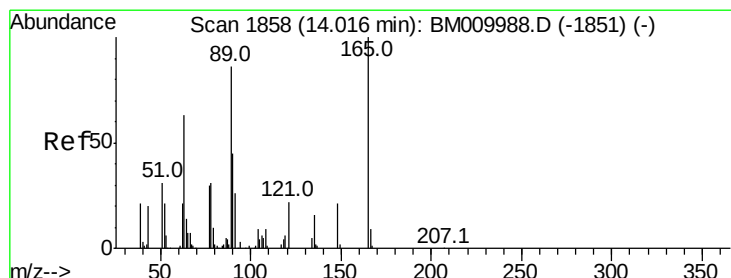
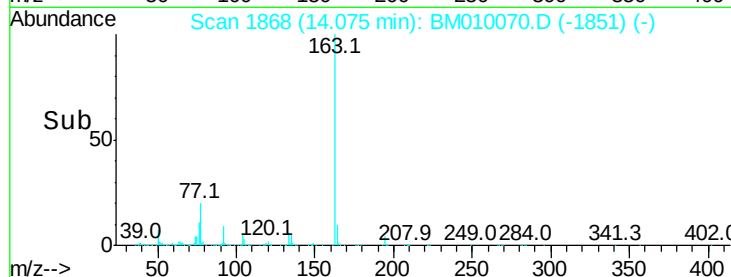
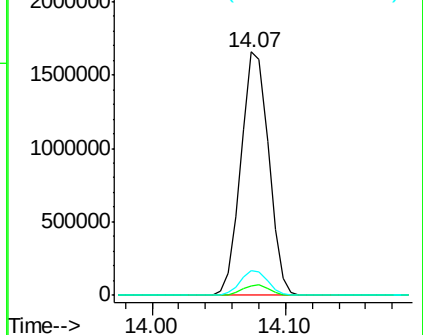
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.04 ng

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

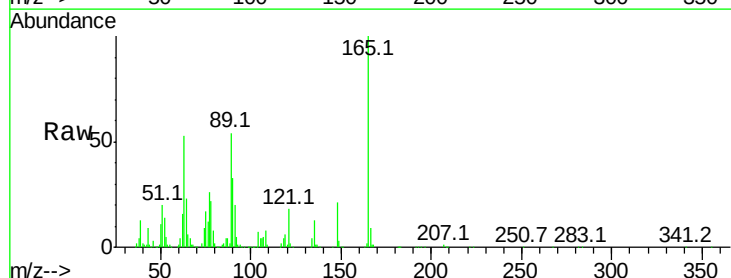
Tgt Ion:165 Resp: 474195

Ion Ratio Lower Upper

165 100

63 52.5 44.1 66.1

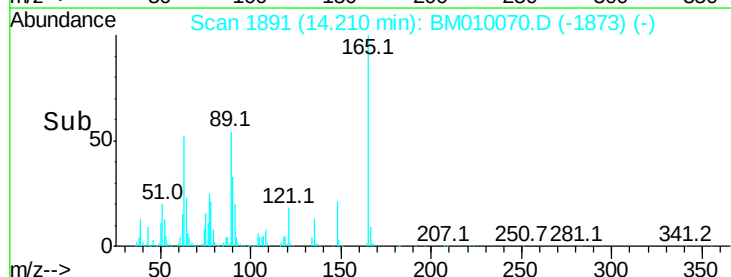
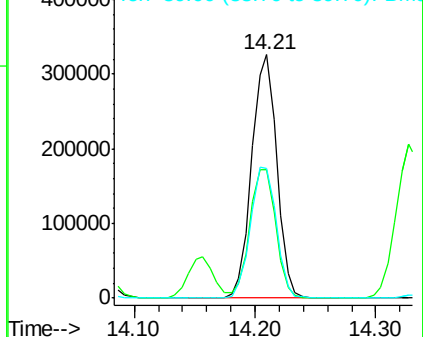
89 53.5 44.3 66.5

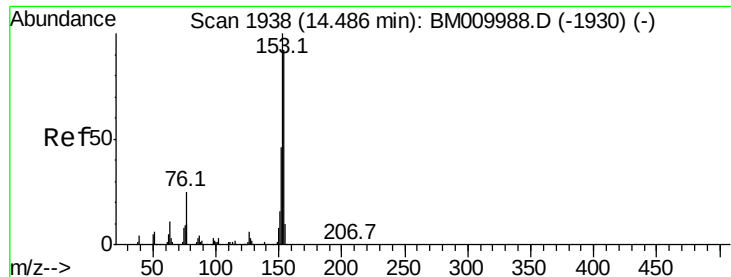


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 47.92 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

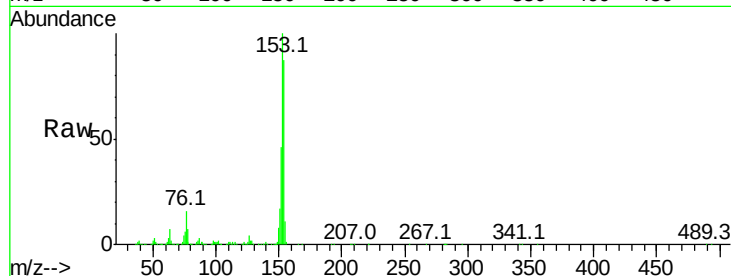
Tot Ion:154 Resp: 1617774

Ion Ratio Lower Upper

154 100

153 114.6 90.0 135.0

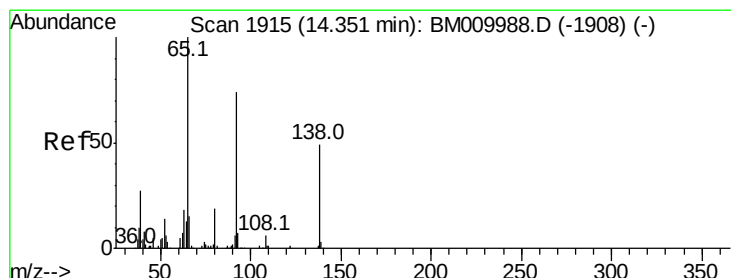
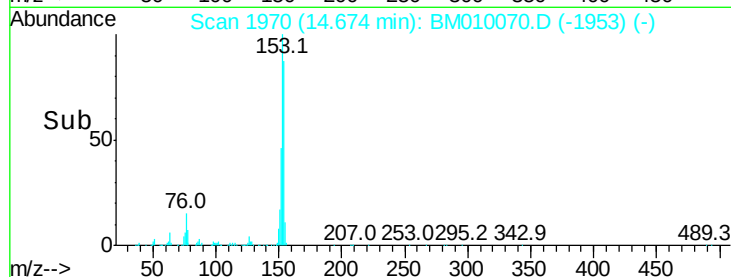
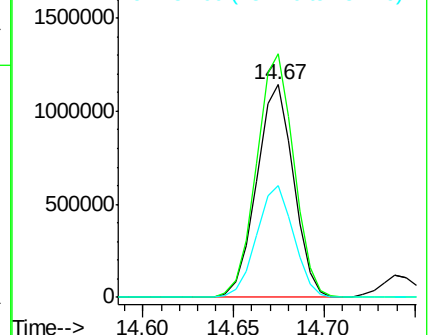
152 52.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.78 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

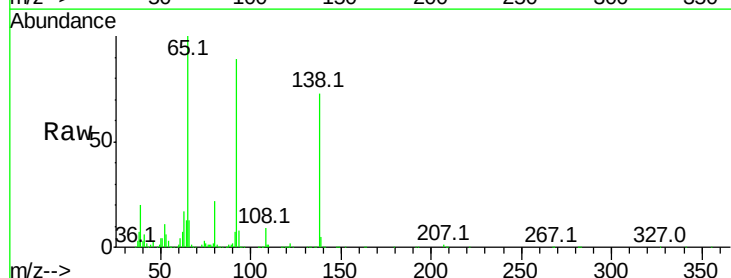
Tgt Ion:138 Resp: 431983

Ion Ratio Lower Upper

138 100

108 12.0 7.3 10.9#

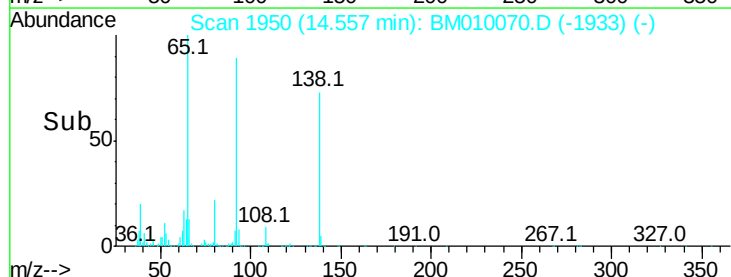
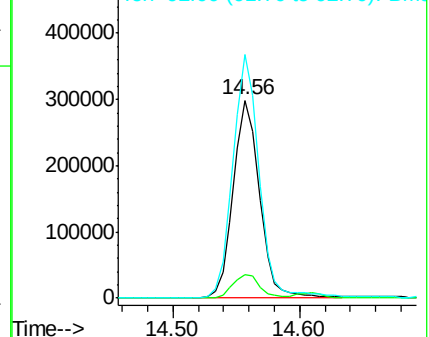
92 122.9 76.6 114.8#

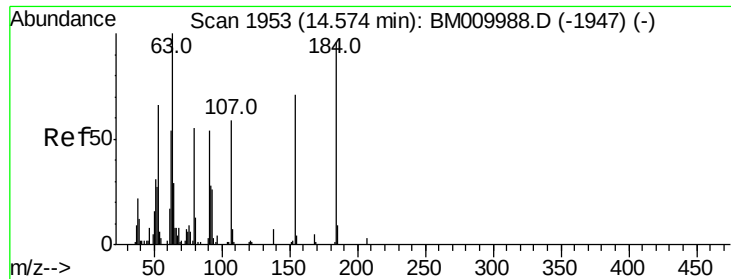


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

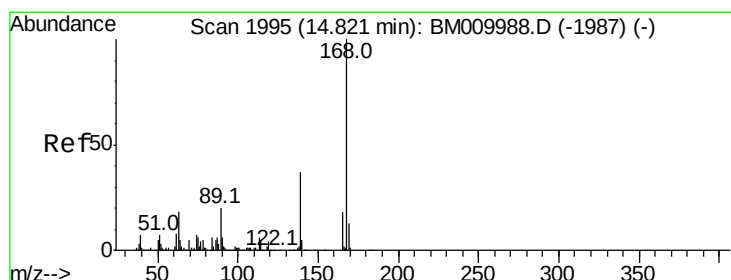
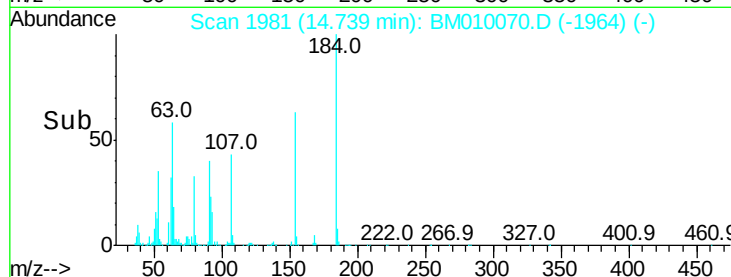
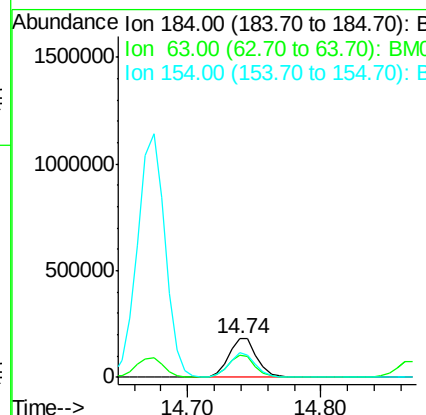
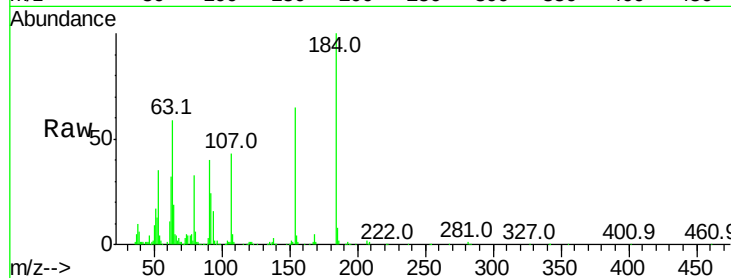




#53
2,4-Dinitrophenol
Concen: 62.49 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

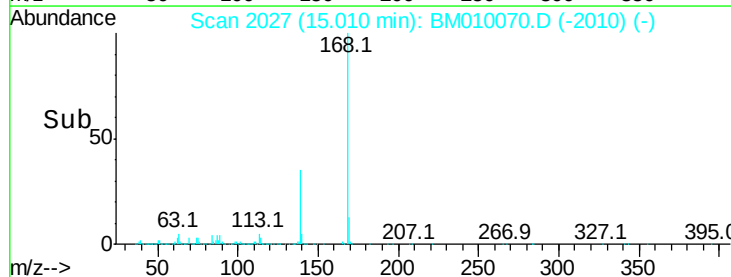
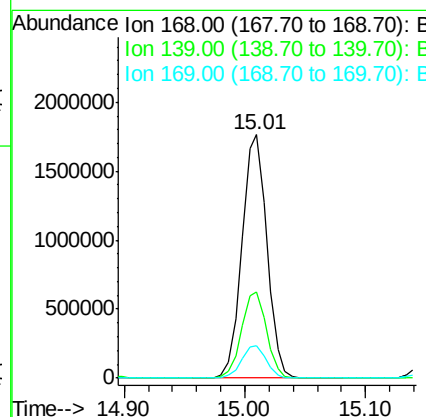
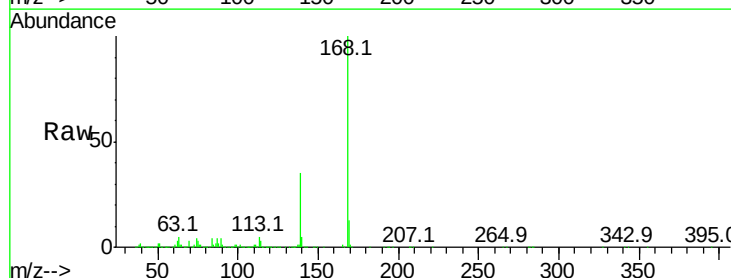
Instrument :
BNA_M
ClientSampleId :

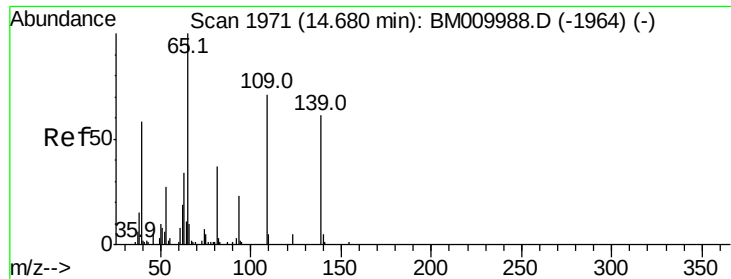
Tot Ion:184 Resp: 270150
Ion Ratio Lower Upper
184 100
63 58.6 69.2 103.8#
154 64.6 53.3 79.9



#54
Dibenzofuran
Concen: 49.18 ng
RT: 15.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:168 Resp: 2543229
Ion Ratio Lower Upper
168 100
139 35.4 27.3 40.9
169 13.4 10.6 16.0

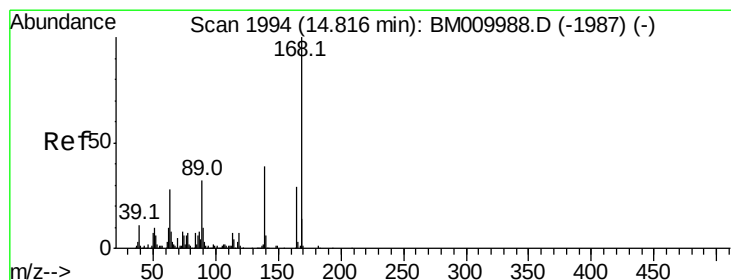
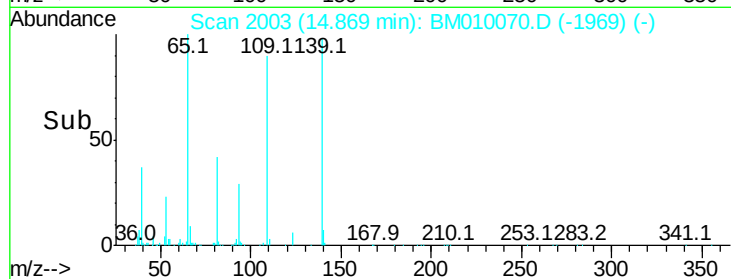
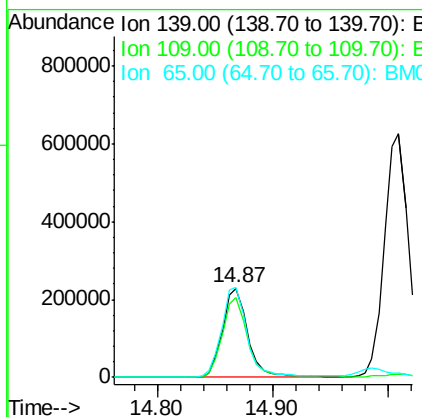
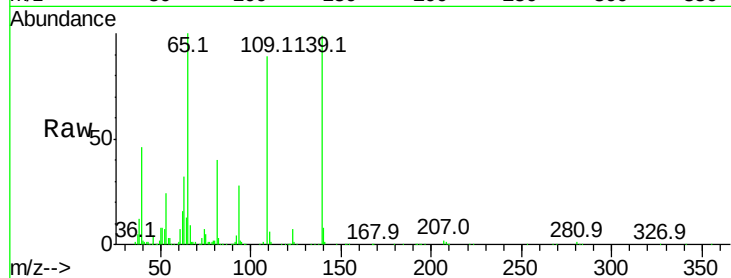




#55
4-Nitrophenol
Concen: 53.16 ng
RT: 14.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

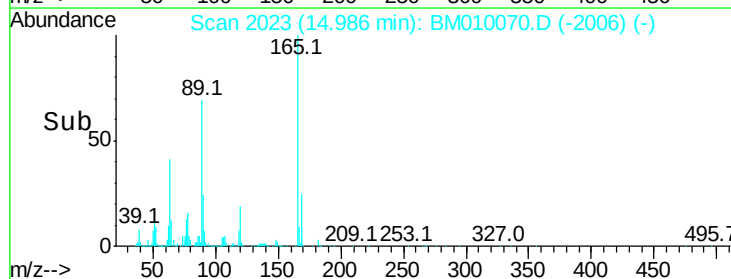
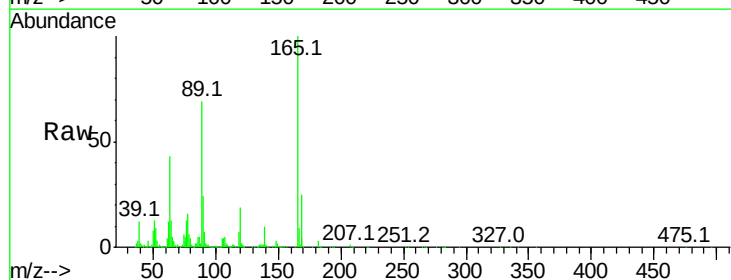
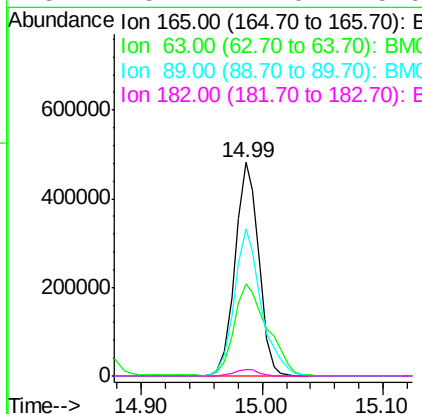
Instrument :
BNA_M
ClientSampleId :

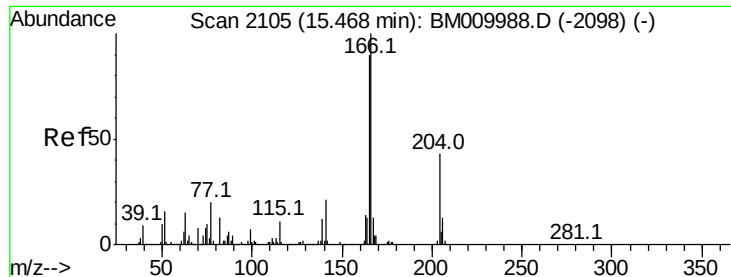
Tot Ion	Ratio	Lower	Upper
139	100		
109	89.5	37.7	77.7#
65	101.1	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 47.86 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.4	52.4	78.6#
89	68.7	72.4	108.6#
182	3.2	2.0	3.0#

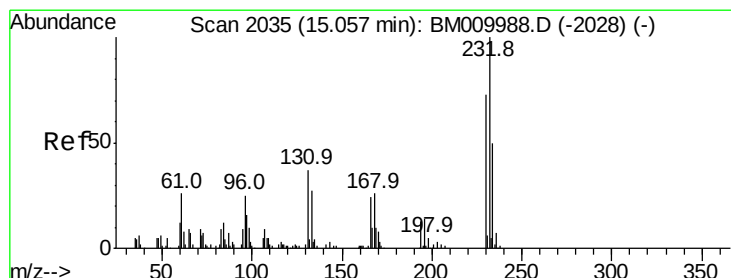
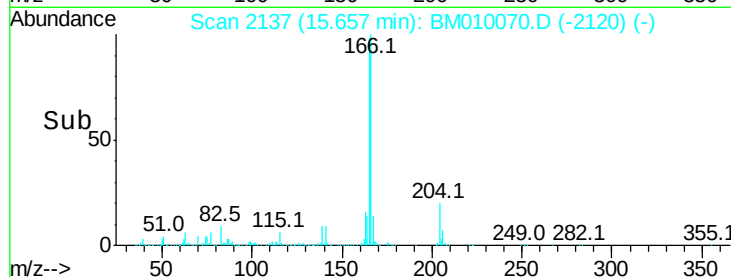
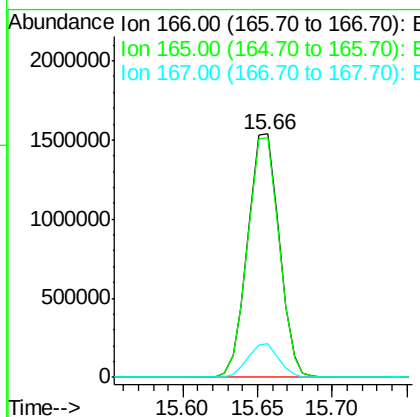
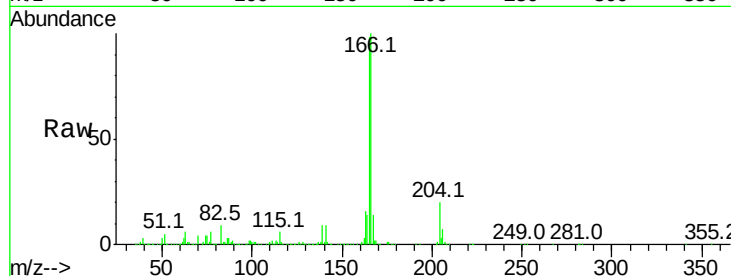




#57
 Fluorene
 Concen: 49.27 ng
 RT: 15.66 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

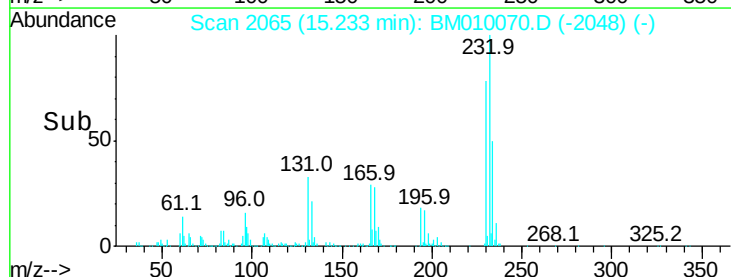
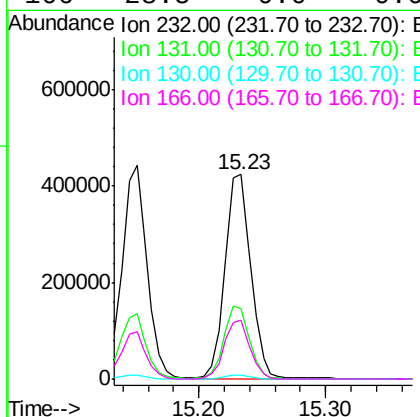
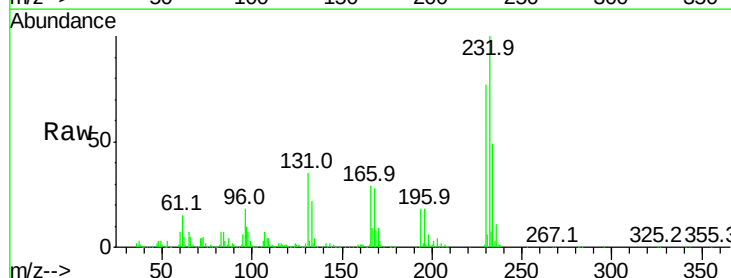
Instrument :
 BNA_M
 ClientSampleId :

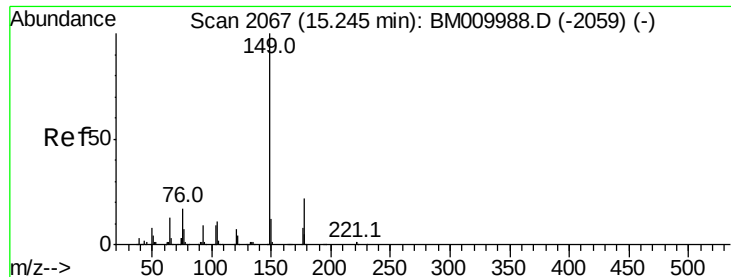
Tot Ion:166 Resp: 2246648
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.4
 167 13.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.06 ng
 RT: 15.23 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion:232 Resp: 591327
 Ion Ratio Lower Upper
 232 100
 131 35.8 0.0 0.0#
 130 2.0 0.0 0.0#
 166 28.5 0.0 0.0#





#59

Diethylphthalate

Concen: 47.06 ng

RT: 15.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

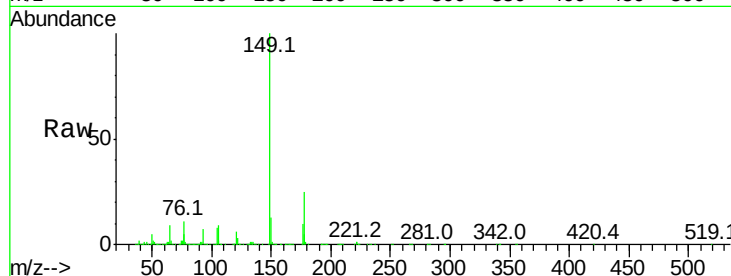
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 2265186

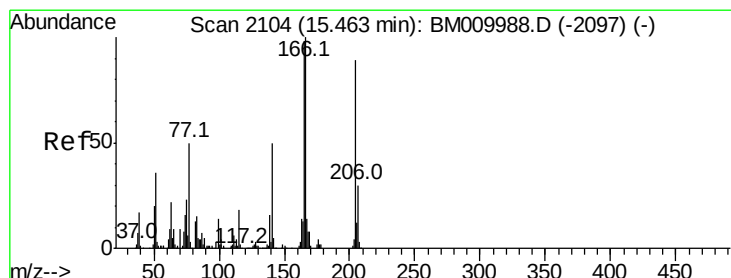
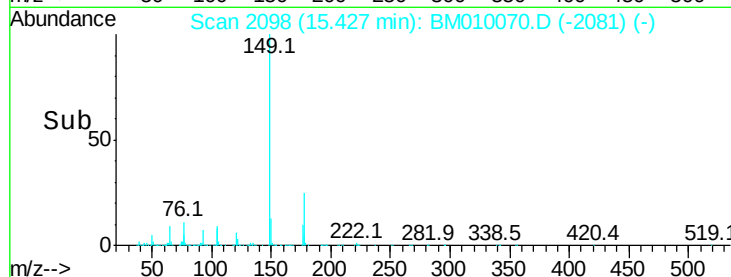
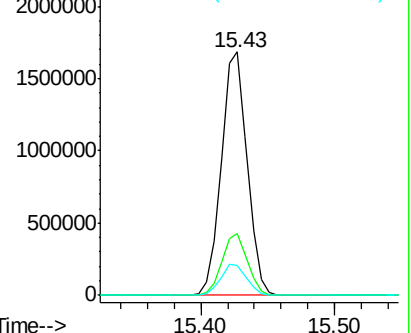
Ion	Ratio	Lower	Upper
149	100		
177	25.5	18.3	27.5
150	12.5	9.8	14.8



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: 50.07 ng

RT: 15.65 min Scan# 2135

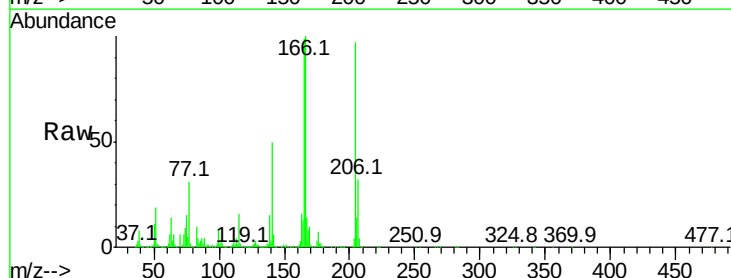
Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion:204 Resp: 1246632

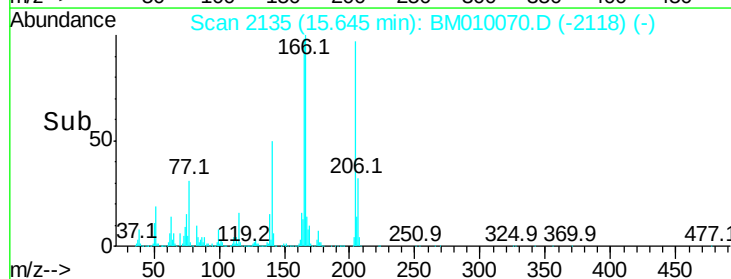
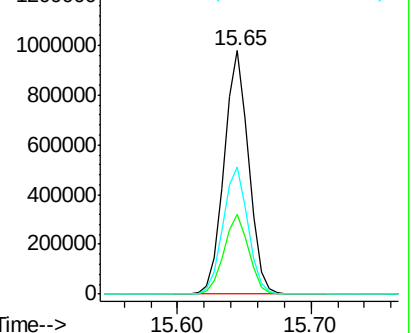
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	52.1	45.2	67.8

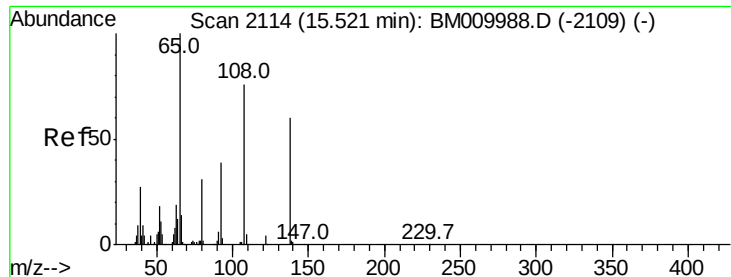


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

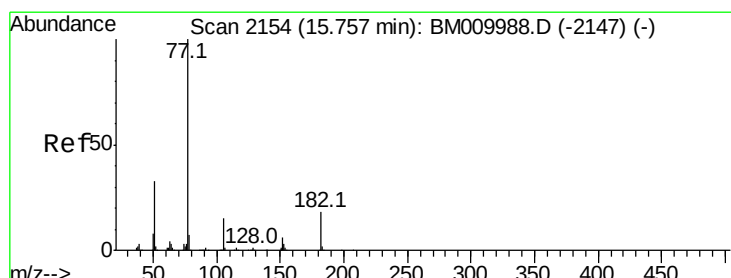
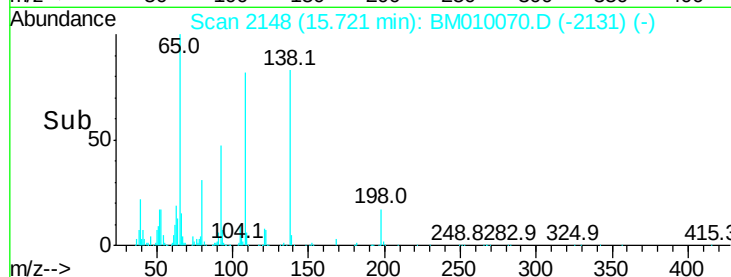
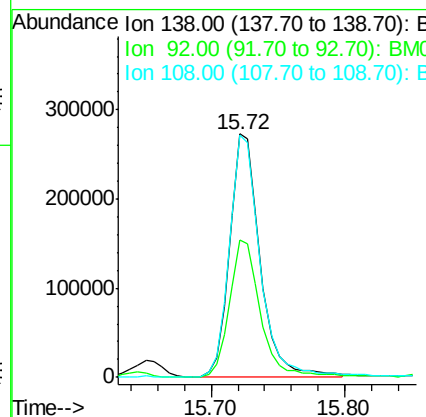
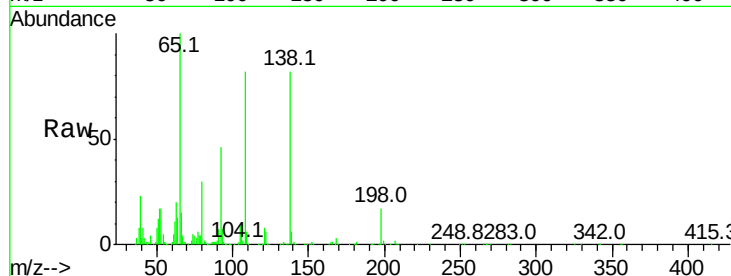




#61
4-Nitroaniline
Concen: 43.38 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

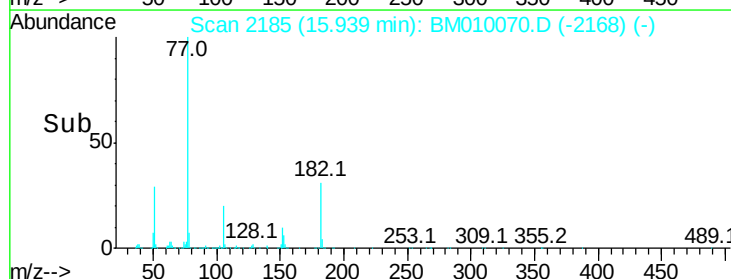
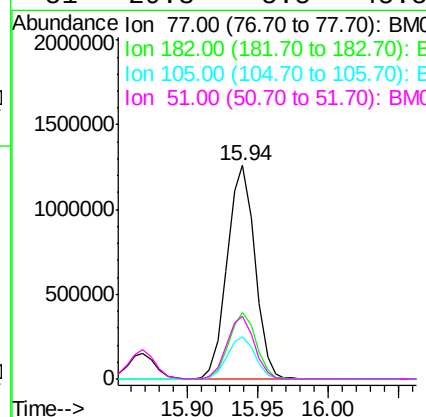
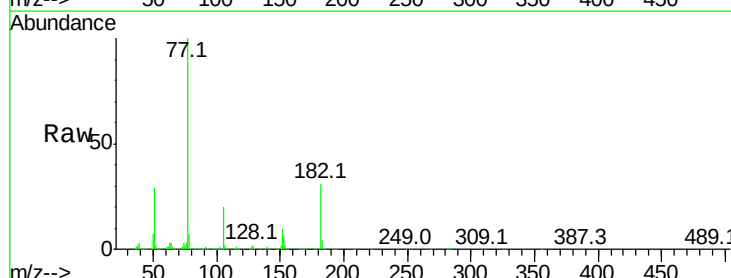
Instrument :
BNA_M
ClientSampleId :

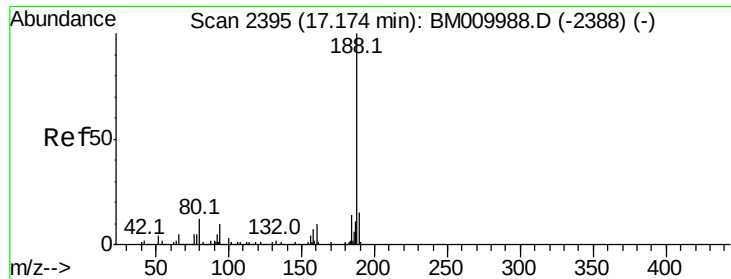
Tot Ion:138 Resp: 436087
Ion Ratio Lower Upper
138 100
92 56.6 16.7 56.7
108 99.5 37.6 77.6#



#62
Azobenzene
Concen: 29.26 ng
RT: 15.94 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion: 77 Resp: 1708782
Ion Ratio Lower Upper
77 100
182 31.0 6.5 46.5
105 19.7 3.8 43.8
51 29.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

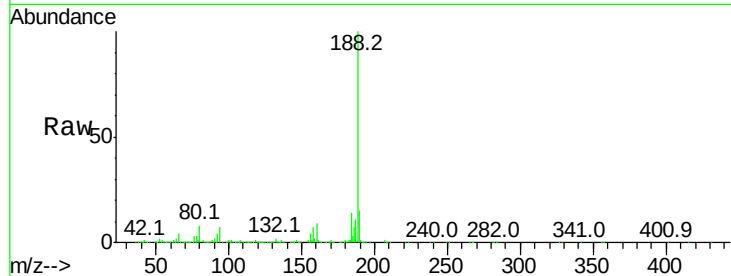
Tot Ion:188 Resp: 1263505

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

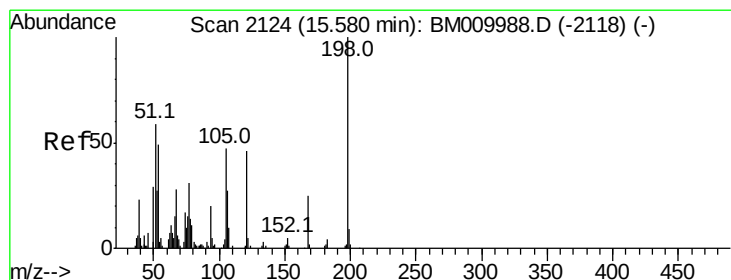
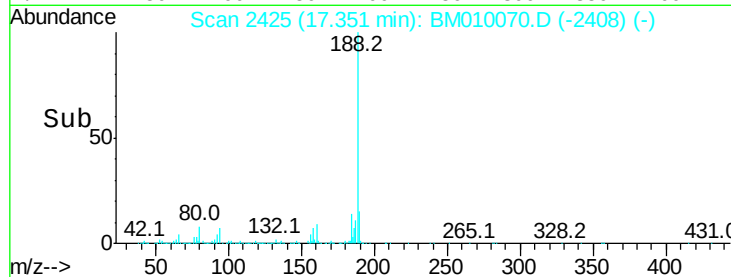
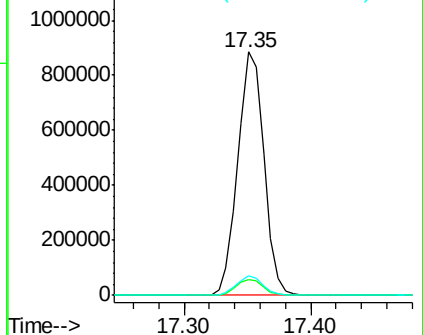
80 8.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.37 ng

RT: 15.74 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

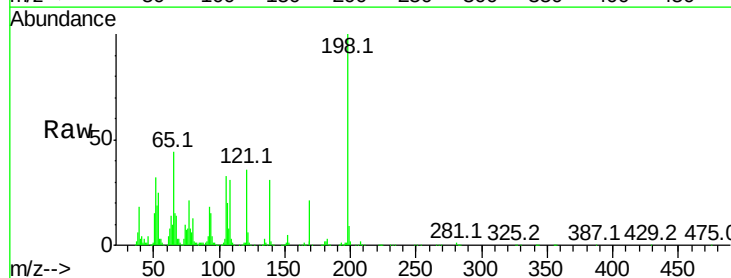
Tgt Ion:198 Resp: 412902

Ion Ratio Lower Upper

198 100

51 32.4 28.8 68.8

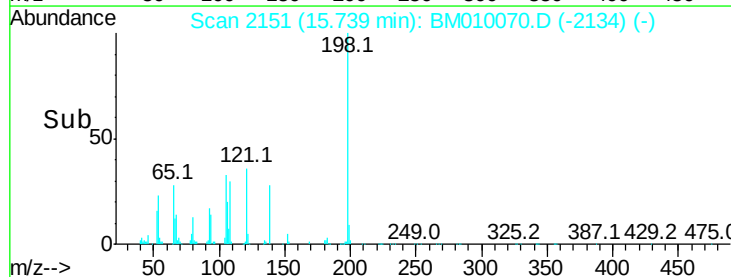
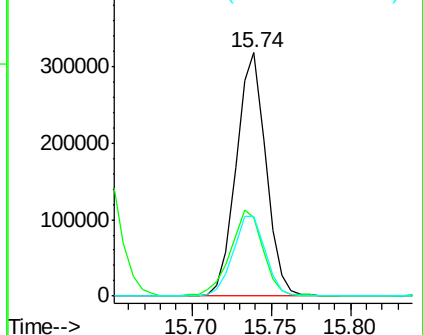
105 32.9 30.5 70.5

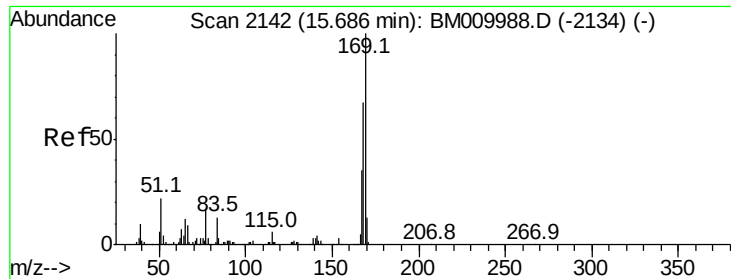


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

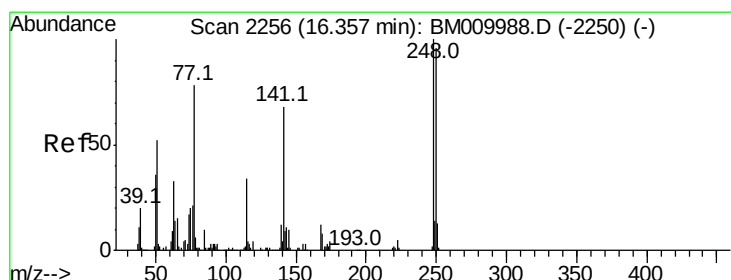
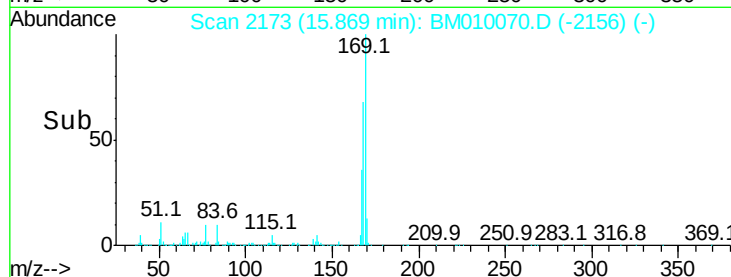
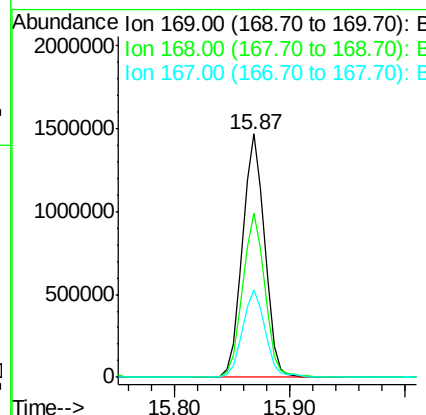
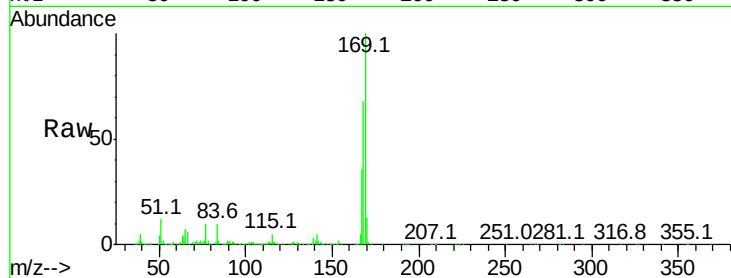




#65
 n-Nitrosodiphenylamine
 Concen: 49.99 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

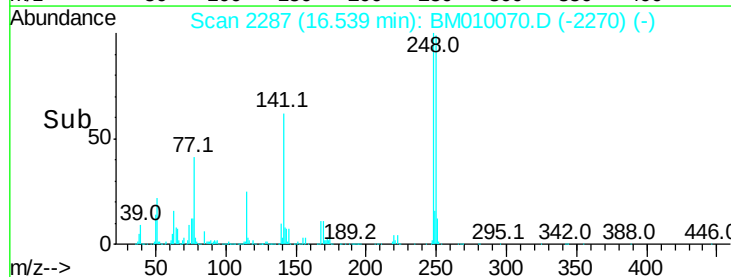
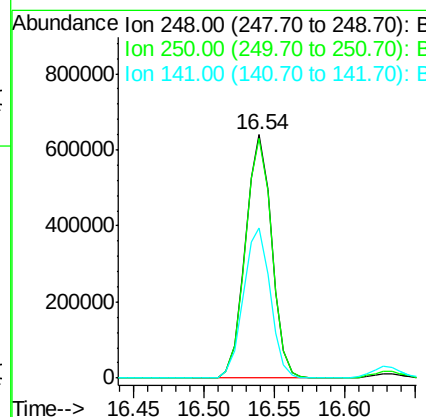
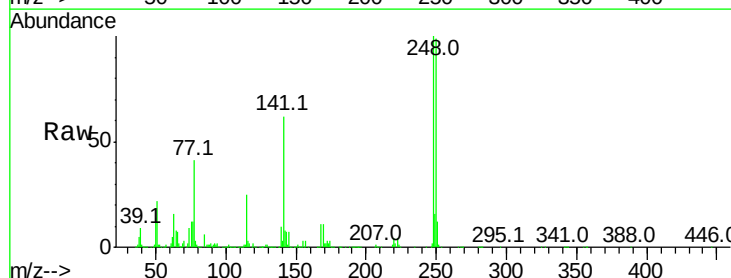
Instrument :
 BNA_M
 ClientSampleId :

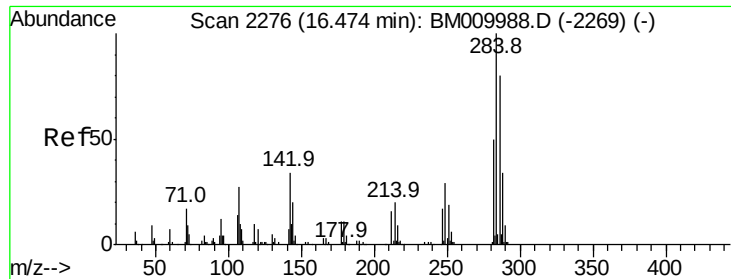
Tot Ion:169 Resp: 1959902
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 35.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 55.44 ng
 RT: 16.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion:248 Resp: 831945
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.4 116.0
 141 61.7 45.2 67.8

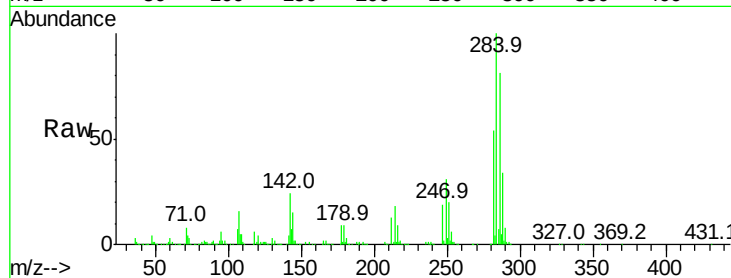




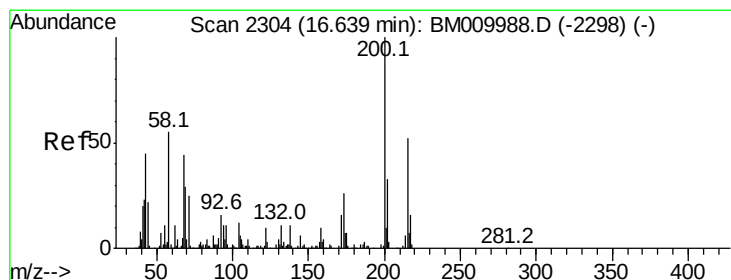
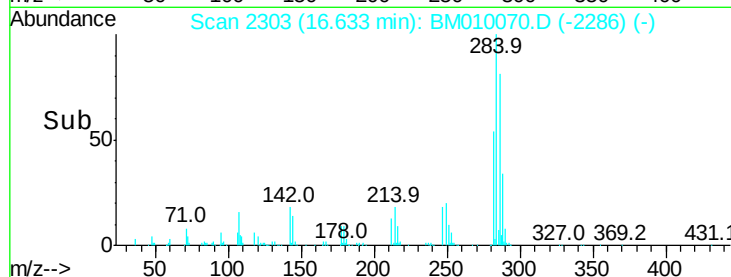
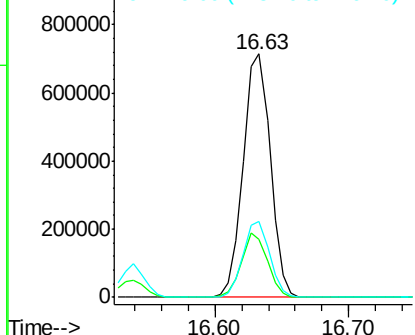
#67
Hexachlorobenzene
Concen: 60.19 ng
RT: 16.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 1002571
Ion Ratio Lower Upper
284 100
142 24.0 20.4 30.6
249 31.2 23.8 35.6

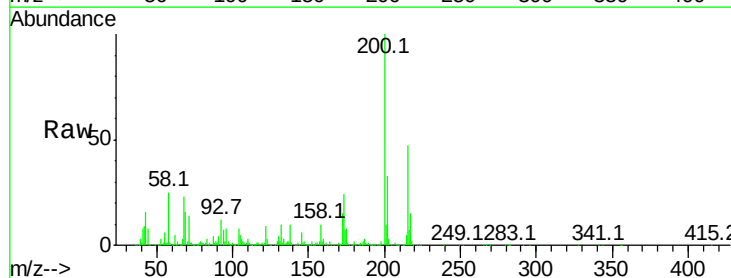


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

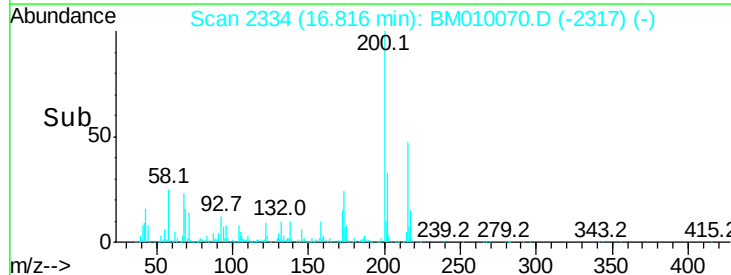
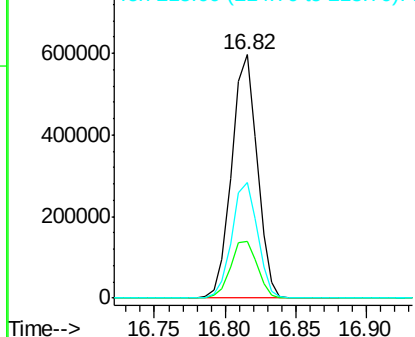


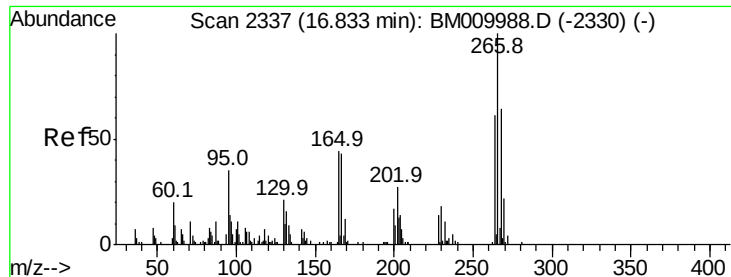
#68
Atrazine
Concen: 52.63 ng
RT: 16.82 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:200 Resp: 754129
Ion Ratio Lower Upper
200 100
173 23.6 4.8 44.8
215 47.3 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

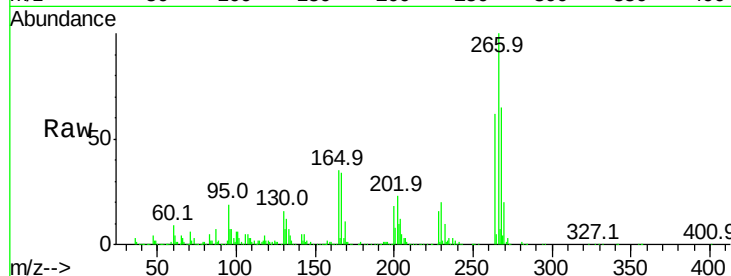




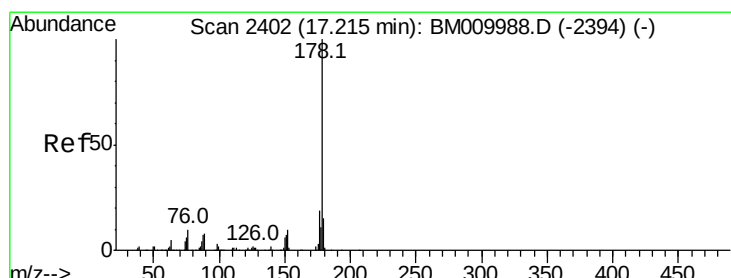
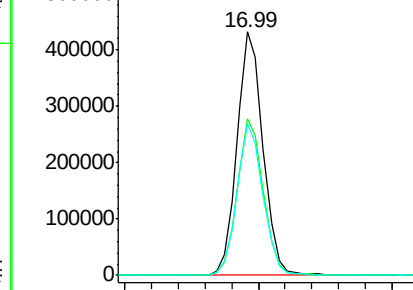
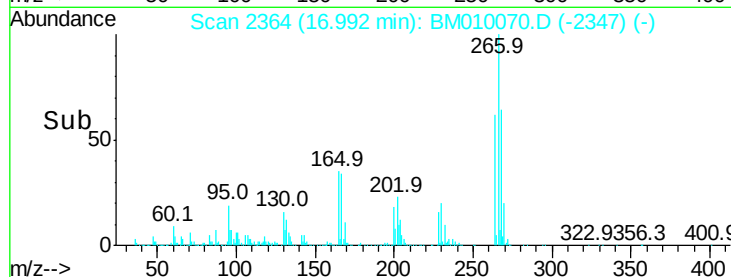
#69
 Pentachlorophenol
 Concen: 82.87 ng
 RT: 16.99 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.0	78.0
264	62.0	49.0	73.4

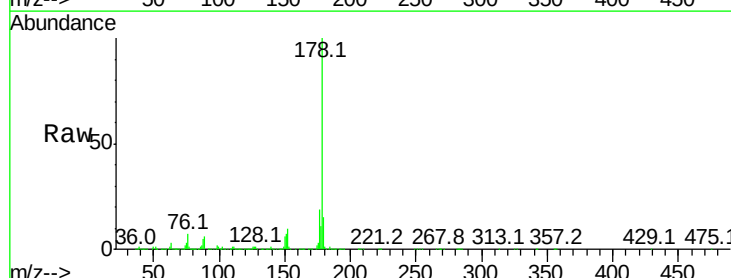


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

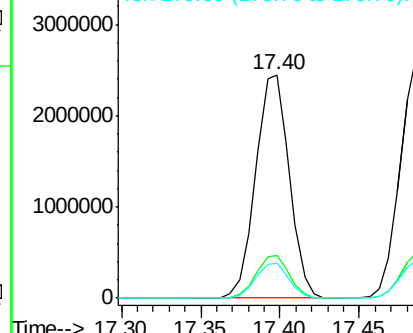
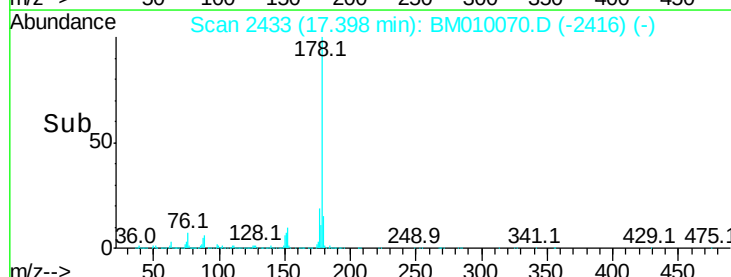


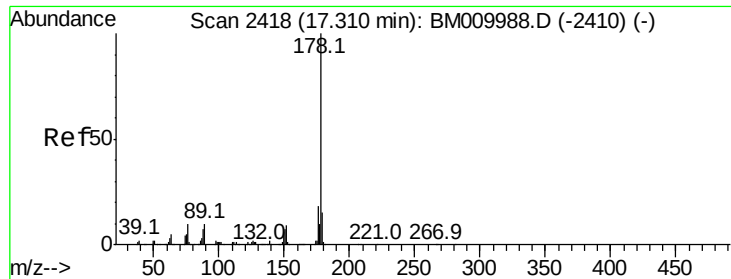
#70
 Phenanthrene
 Concen: 49.82 ng
 RT: 17.40 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	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: 49.13 ng

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

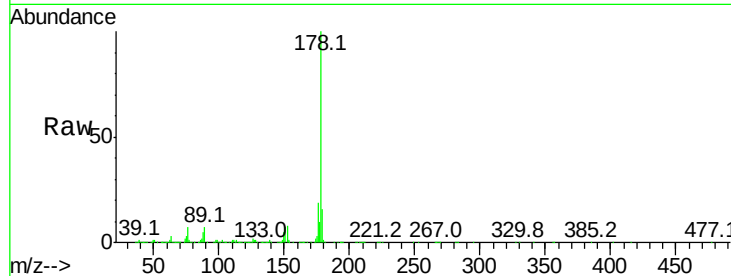
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3635068

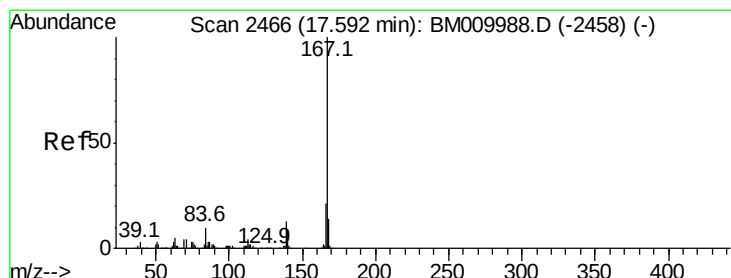
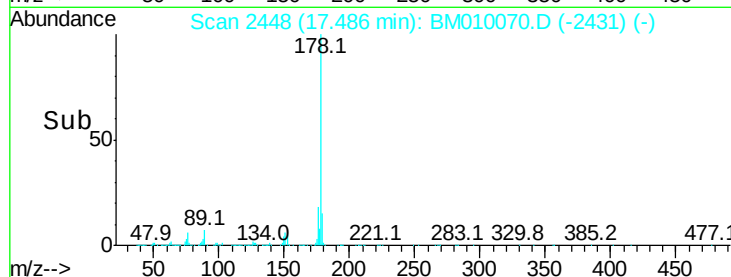
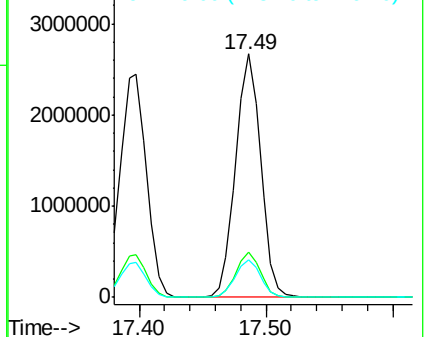
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.6	12.6	19.0



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: 48.61 ng

RT: 17.77 min Scan# 2497

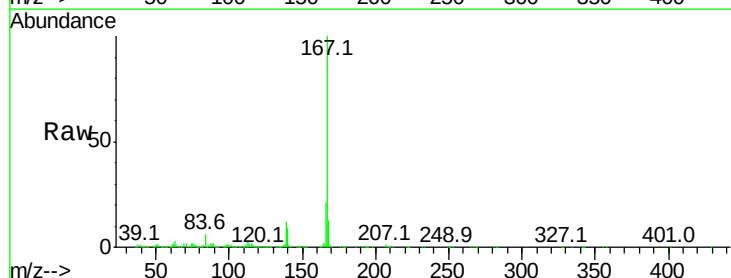
Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion:167 Resp: 3210541

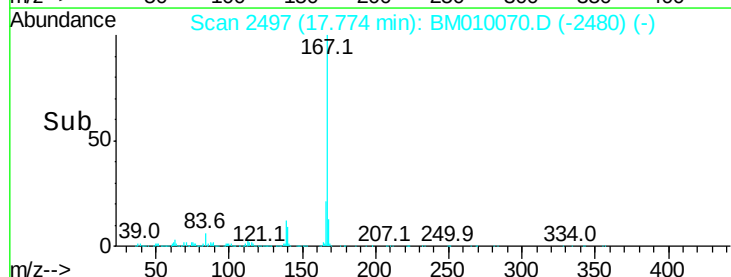
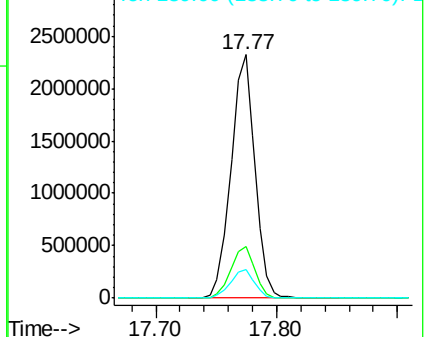
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.7	10.8	16.2

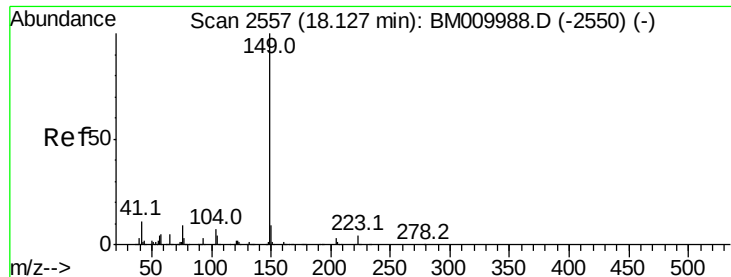


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.00 ng

RT: 18.29 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

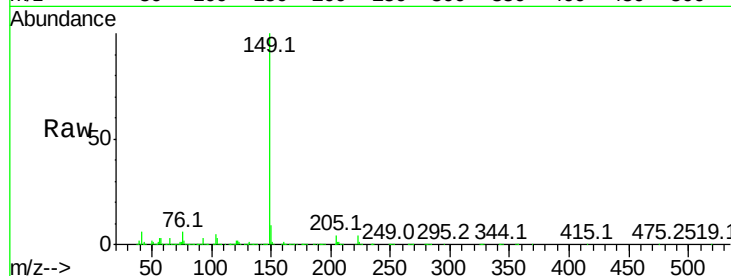
Tot Ion:149 Resp: 3862032

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

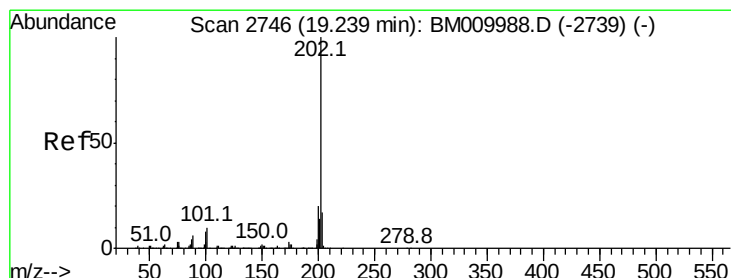
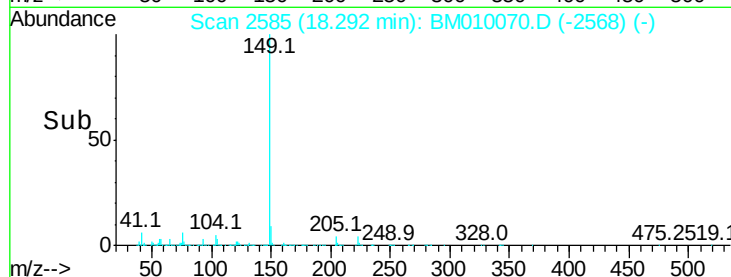
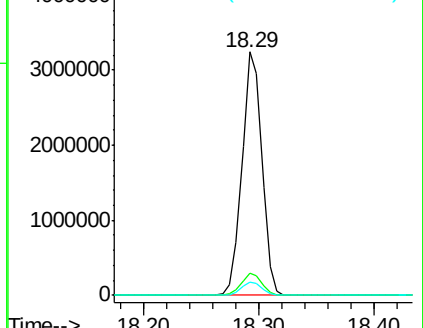
104 5.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.76 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

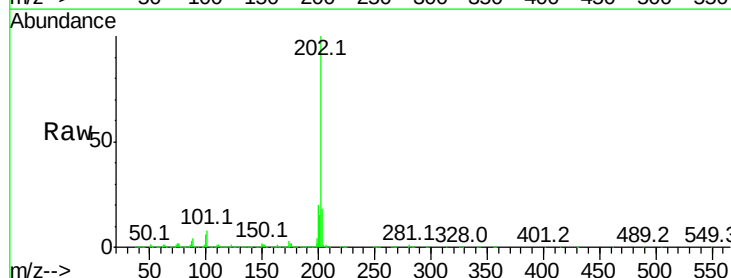
Tgt Ion:202 Resp: 4722730

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.7

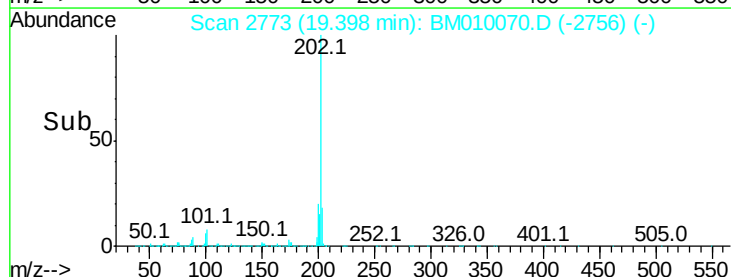
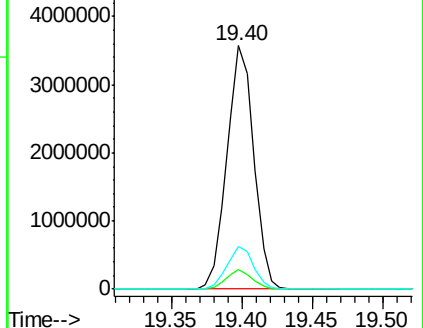
203 17.7 0.0 37.2

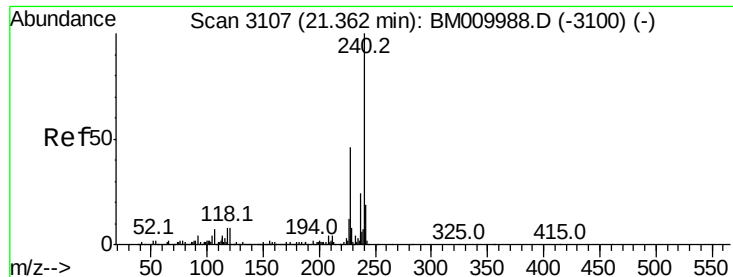


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.52 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

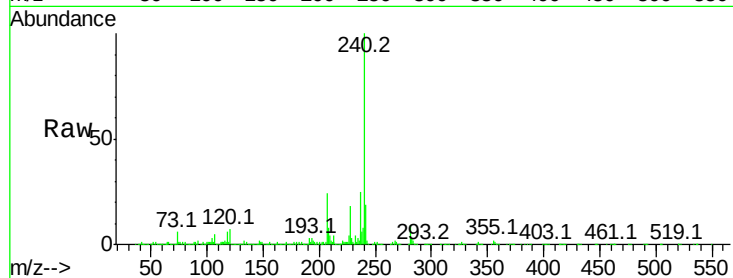
Tot Ion:240 Resp: 1803122

Ion Ratio Lower Upper

240 100

120 6.6 8.2 12.2#

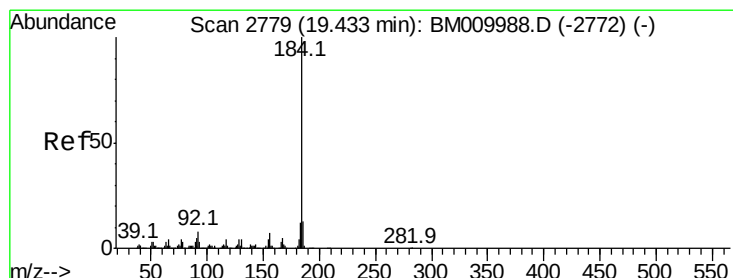
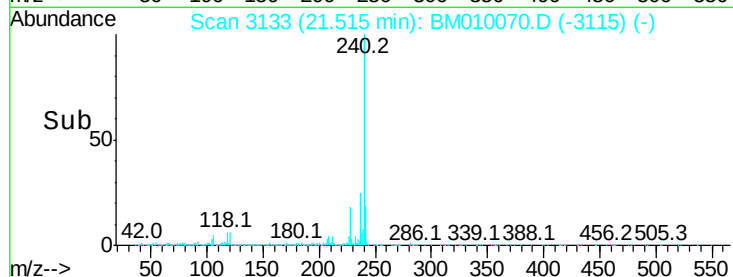
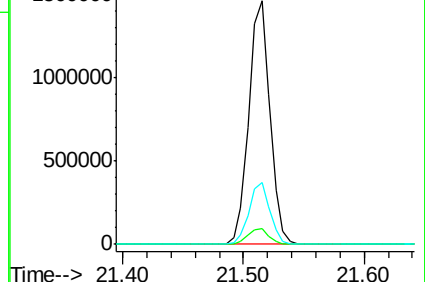
236 25.4 20.0 30.0



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: 36.37 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

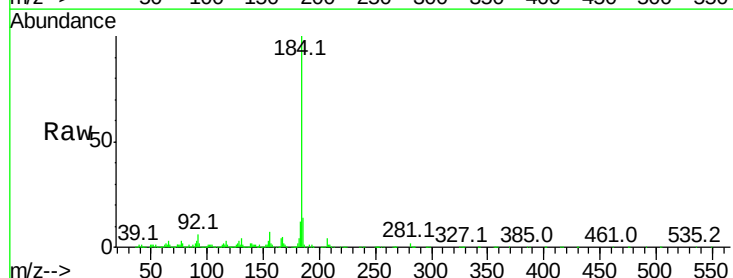
Tgt Ion:184 Resp: 1639583

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

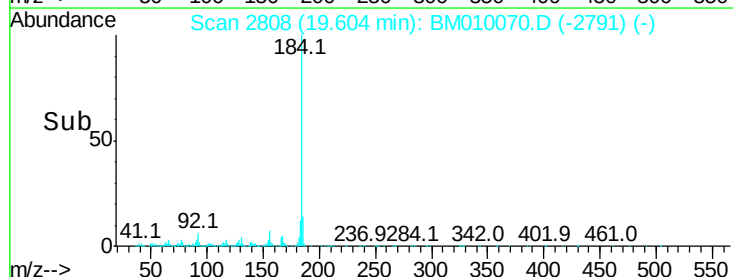
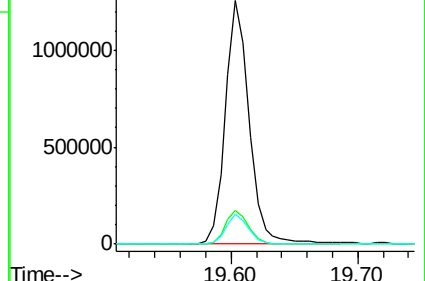
183 12.1 8.9 13.3

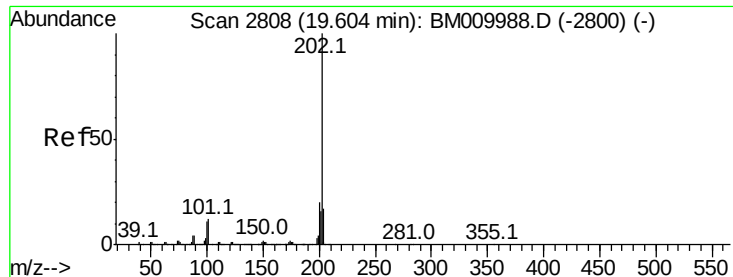


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.55 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

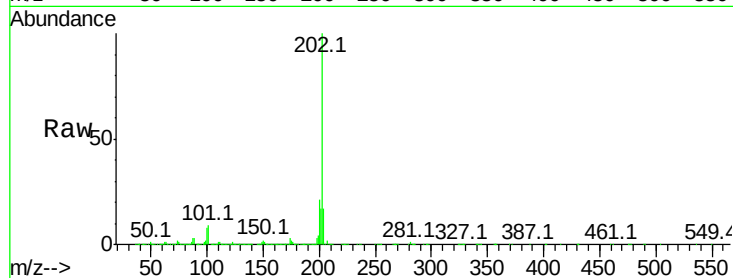
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp: 4888349

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	14.1	21.1

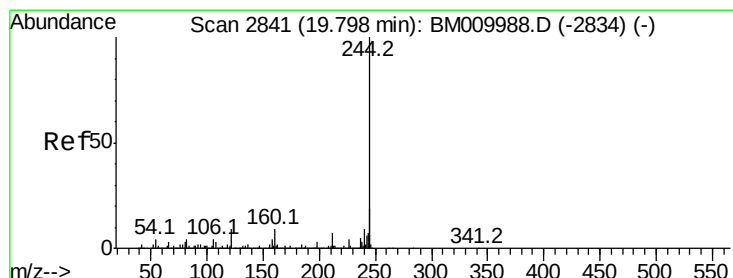
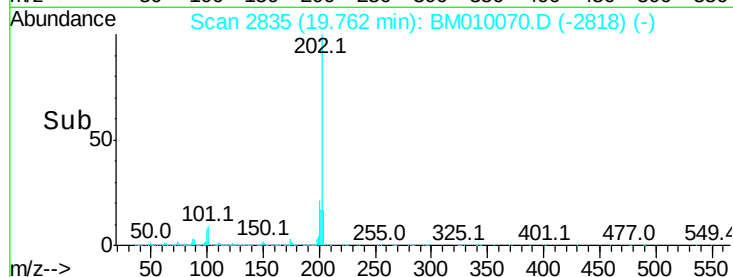
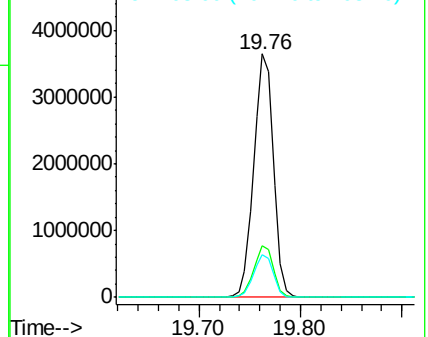


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.44 ng

RT: 19.96 min Scan# 2868

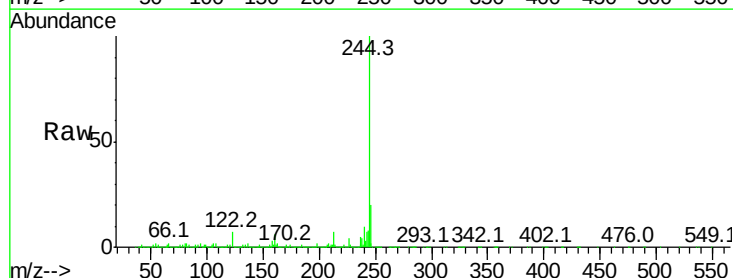
Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion:244 Resp: 8165625

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	6.6	6.2	9.4

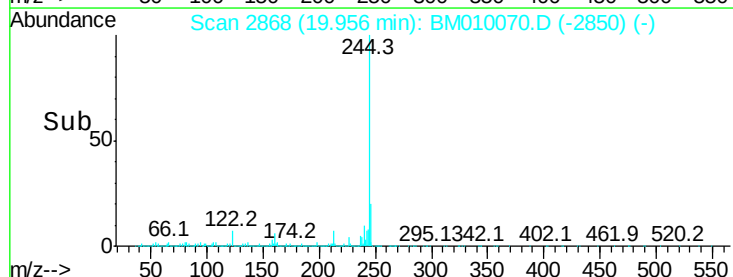
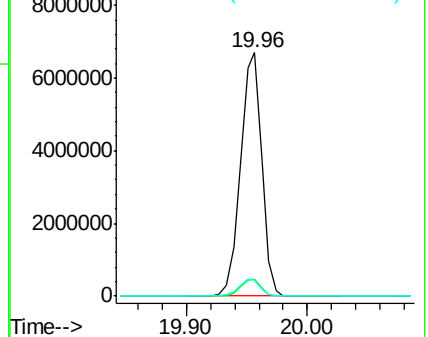


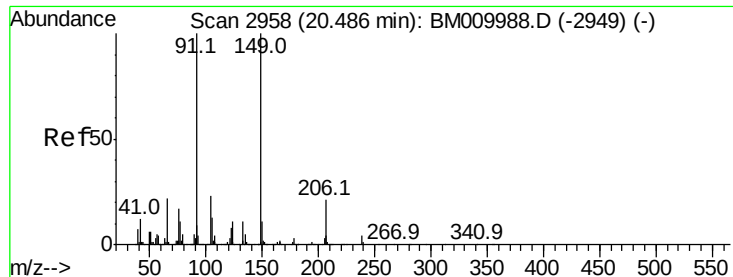
Abundance

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

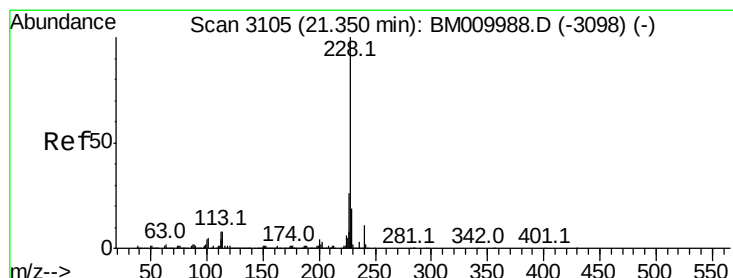
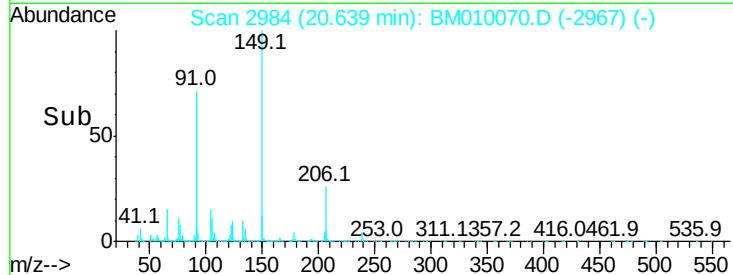
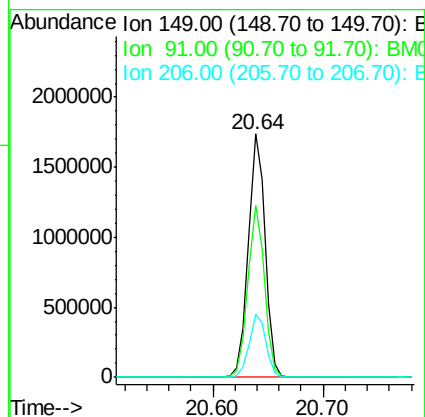
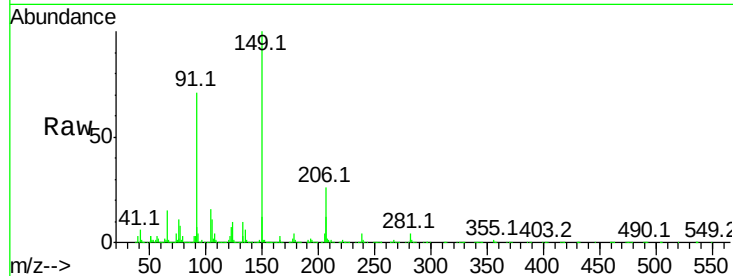




#79
Butylbenzylphthalate
Concen: 41.60 ng
RT: 20.64 min Scan# 2984
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

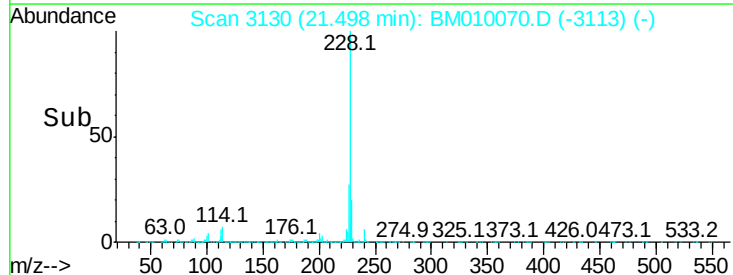
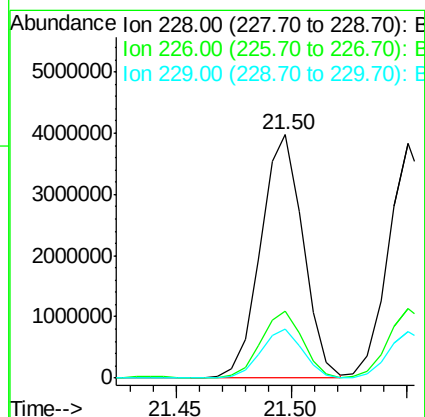
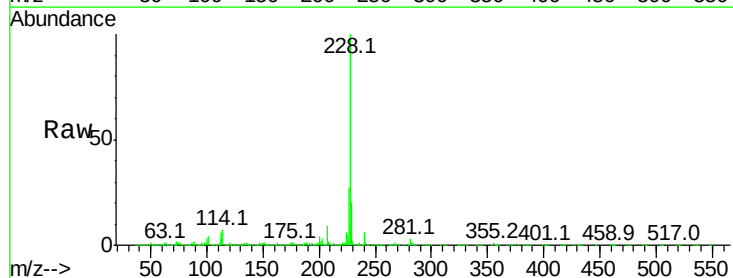
Instrument :
BNA_M
ClientSampleId :

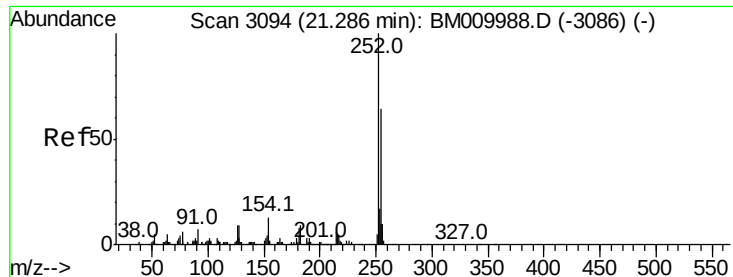
Tot Ion:149 Resp: 1858766
Ion Ratio Lower Upper
149 100
91 70.7 50.1 75.1
206 25.8 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 46.76 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:228 Resp: 5066061
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 16.0 24.0



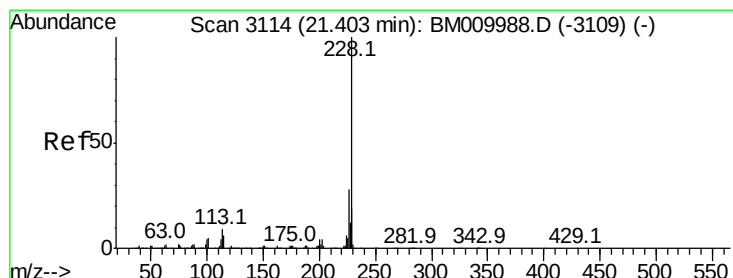
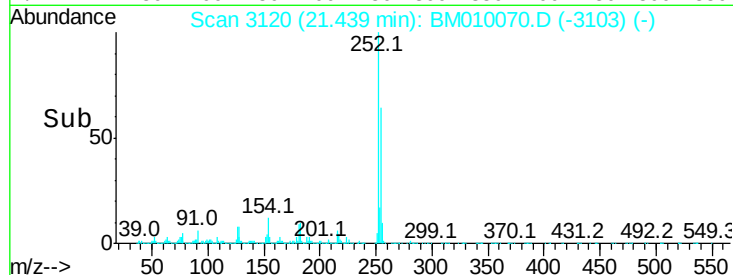
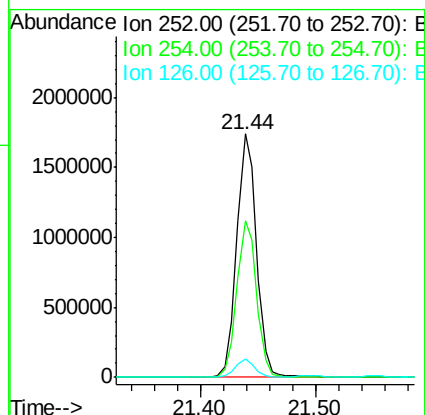
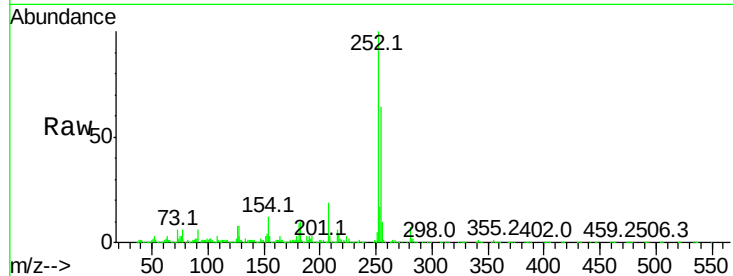


#81
 3,3'-Dichlorobenzidine
 Concen: 51.63 ng
 RT: 21.44 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 2060505

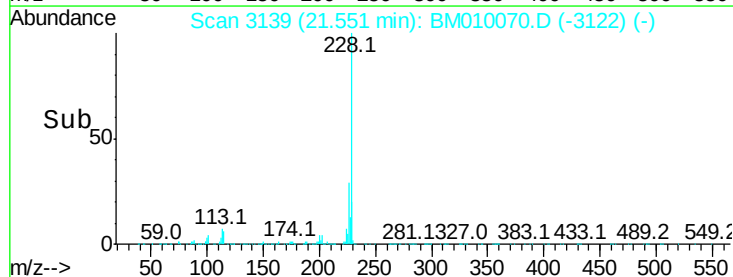
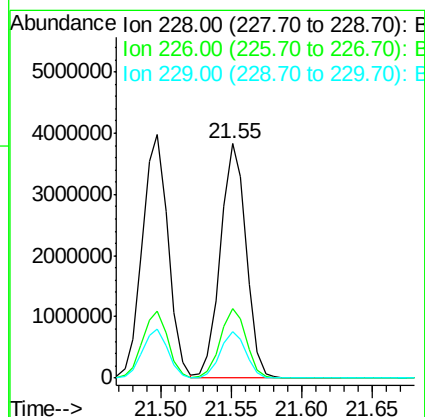
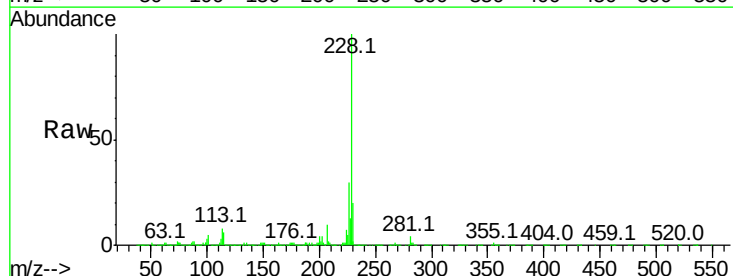
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	7.6	9.8	14.8#

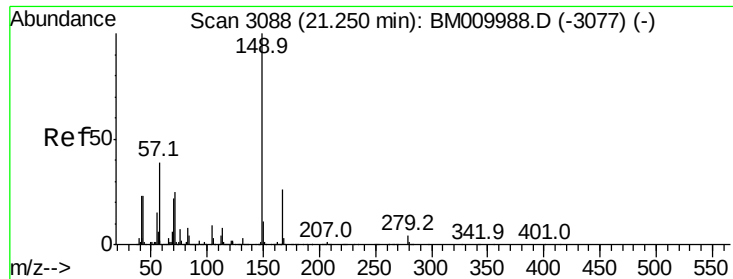


#82
 Chrysene
 Concen: 47.41 ng
 RT: 21.55 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BM010070.D
 Acq: 19 May 2017 12:12

Tgt Ion:228 Resp: 4817139

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.8	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.79 ng

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

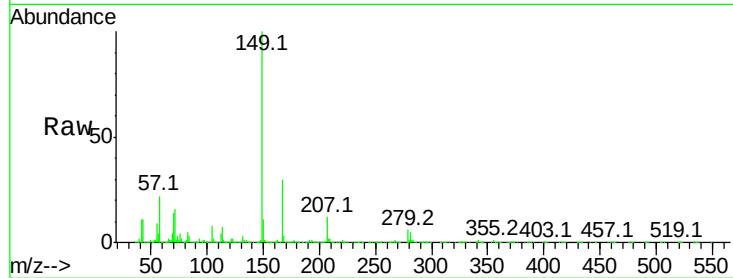
Tot Ion:149 Resp: 2788516

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	6.5	3.4	5.0

149 100

167 29.9 22.4 33.6

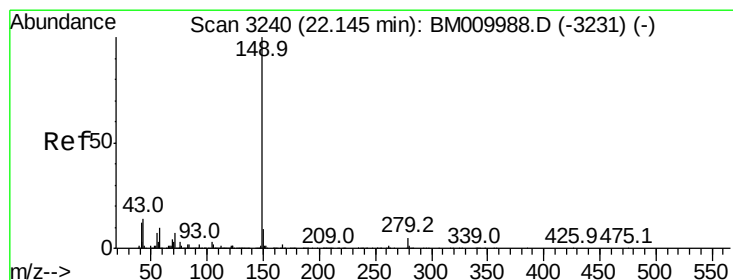
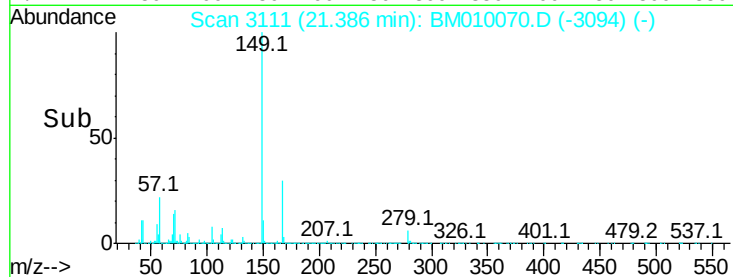
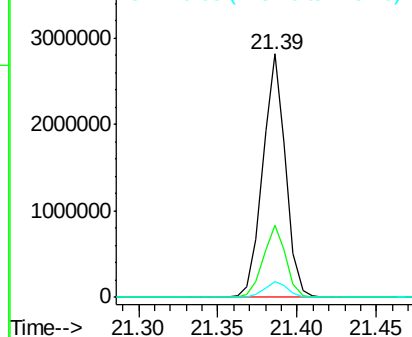
279 6.5 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.10 ng

RT: 22.30 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

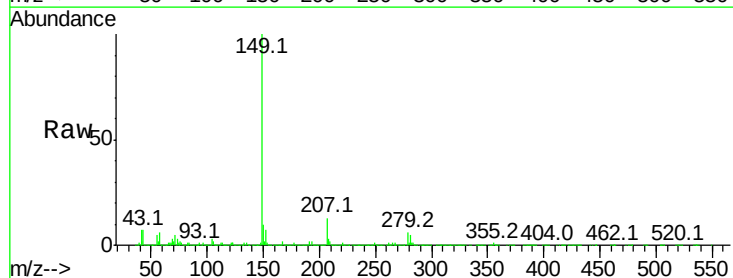
Tgt Ion:149 Resp: 5048119

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	7.1	7.3	10.9

149 100

167 1.8 1.2 1.8

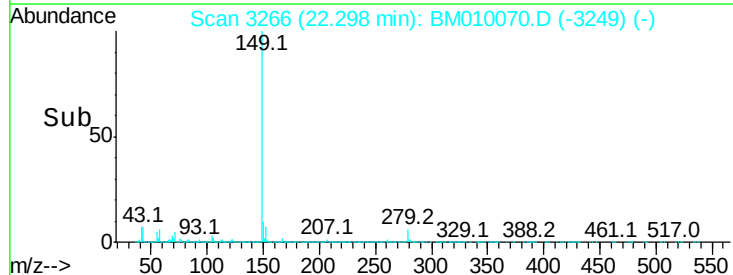
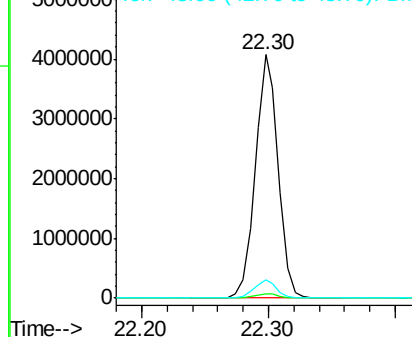
43 7.1 7.3 10.9

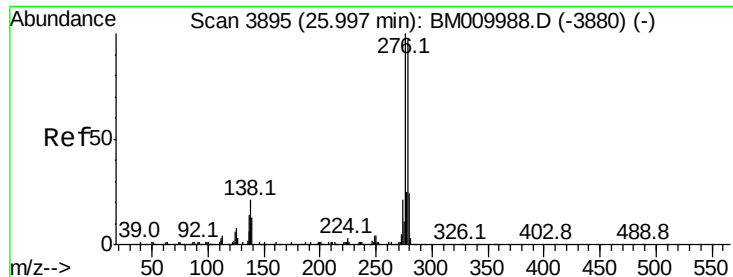


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

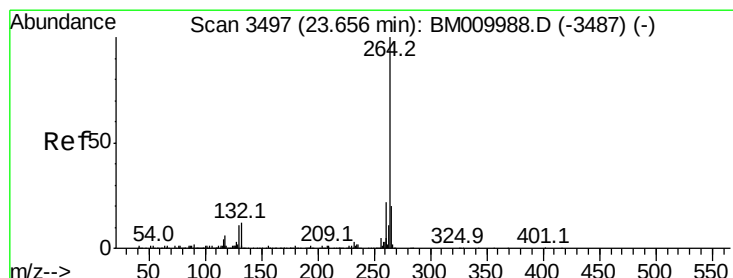
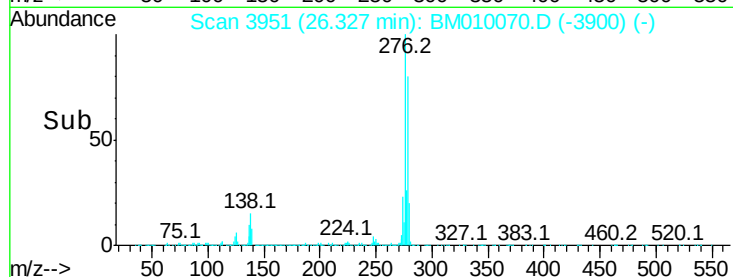
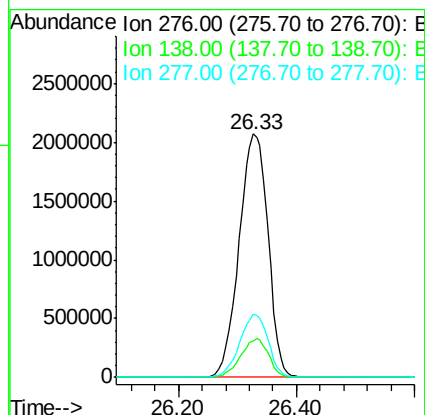
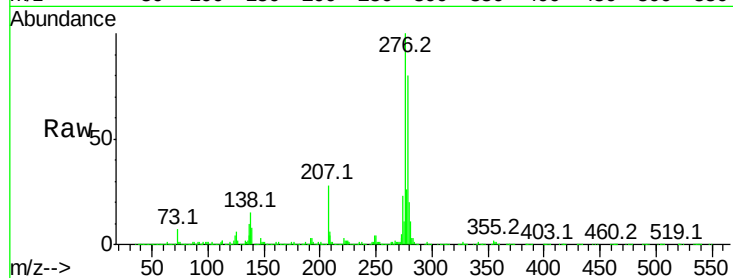




#85
Indeno(1,2,3-cd)pyrene
Concen: 82.46 ng
RT: 26.33 min Scan# 3951
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

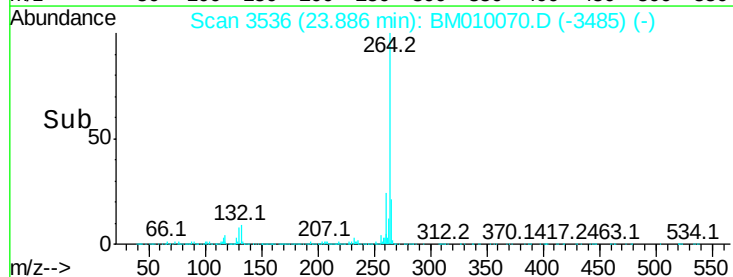
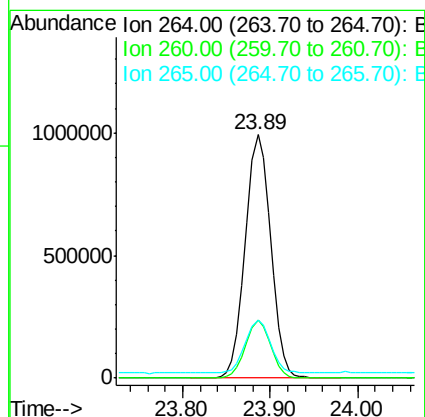
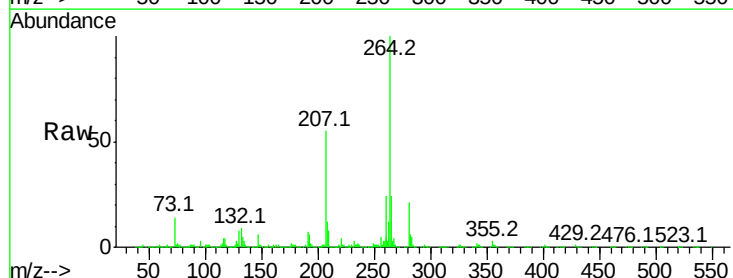
Instrument :
BNA_M
ClientSampleId :

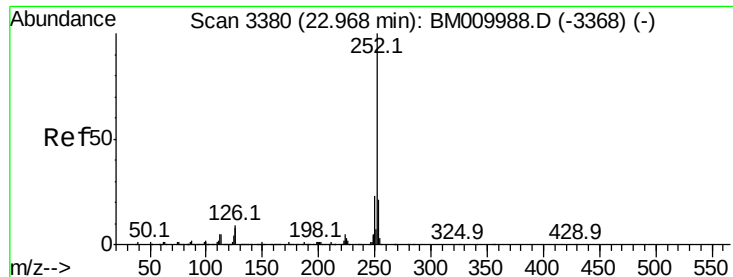
Tot Ion:276 Resp: 7062216
Ion Ratio Lower Upper
276 100
138 15.2 0.0 0.0#
277 25.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.89 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BM010070.D
Acq: 19 May 2017 12:12

Tgt Ion:264 Resp: 1955760
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 23.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.89 ng

RT: 23.16 min Scan# 3413

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

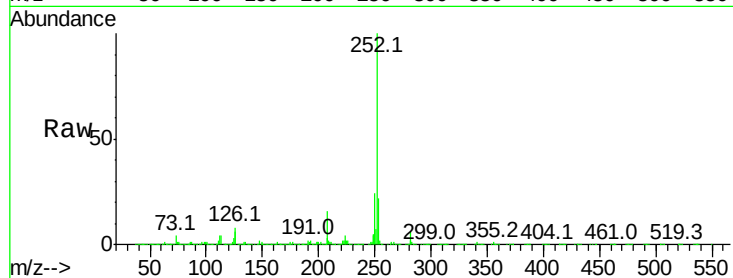
Tot Ion:252 Resp: 5945716

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

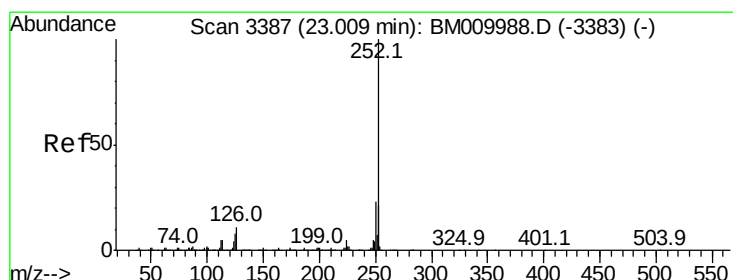
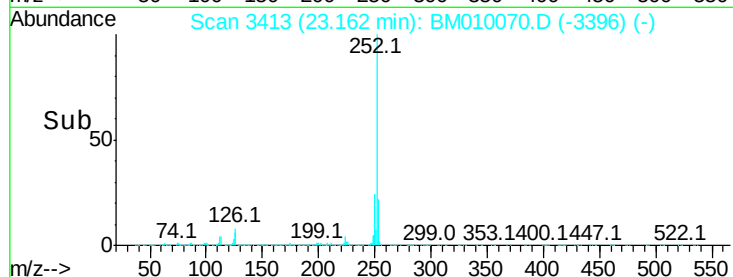
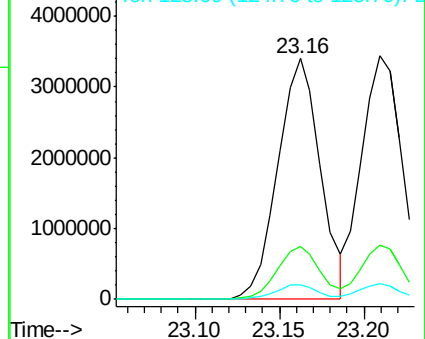
125 6.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.56 ng

RT: 23.21 min Scan# 3421

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

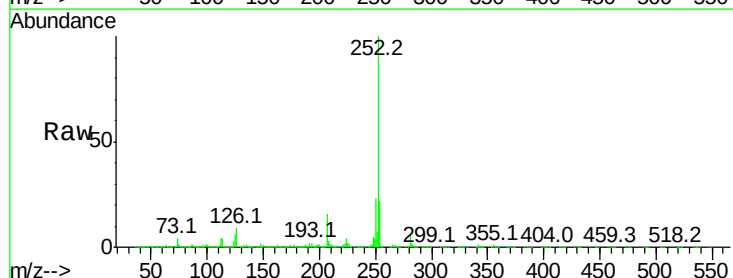
Tgt Ion:252 Resp: 5733360

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

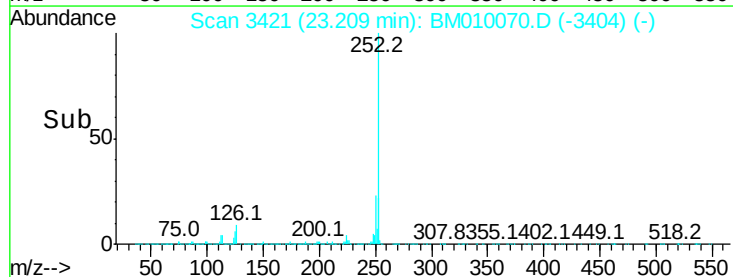
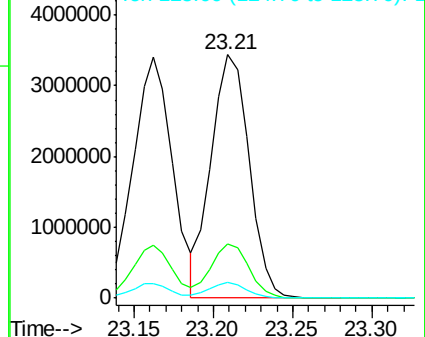
125 6.3 8.1 12.1#

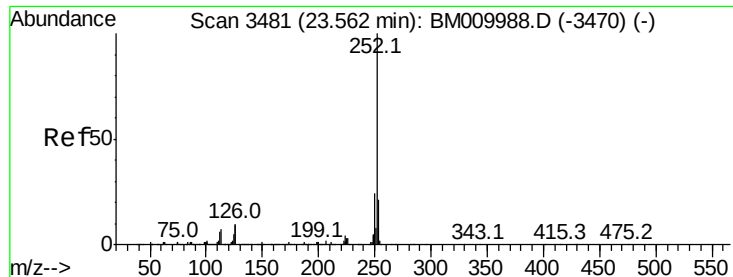


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.35 ng

RT: 23.79 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

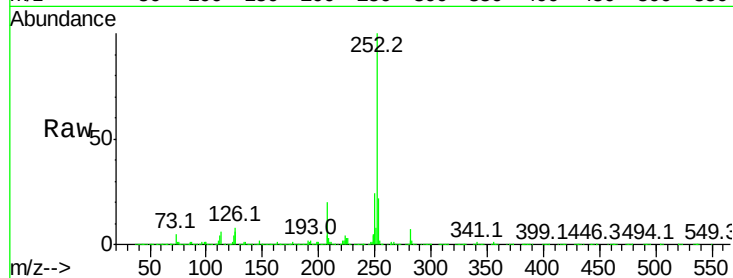
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 5645283

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.5	7.4	11.2

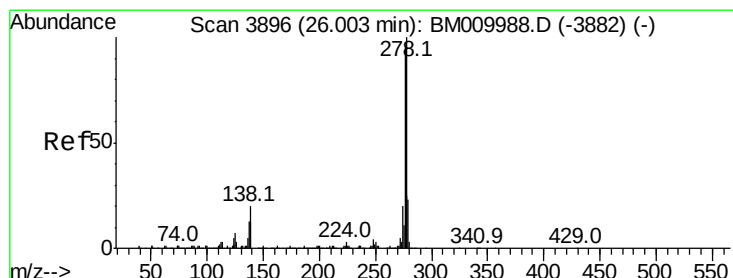
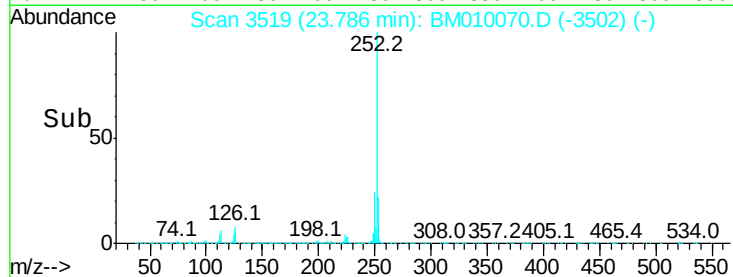
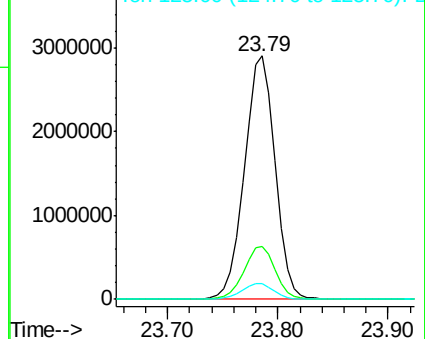


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 60.76 ng

RT: 26.34 min Scan# 3954

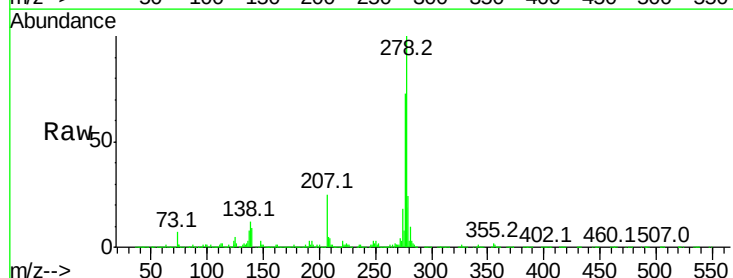
Delta R.T. 0.01 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Tgt Ion:278 Resp: 6261427

Ion	Ratio	Lower	Upper
278	100		
139	9.4	13.4	20.0
279	23.9	19.0	28.4

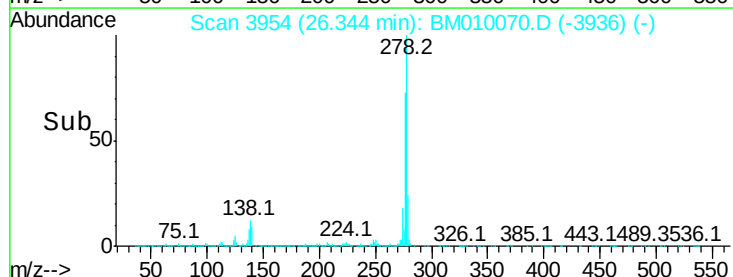
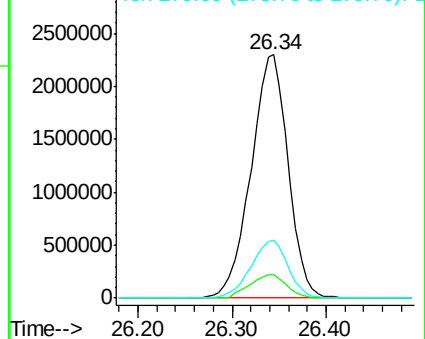


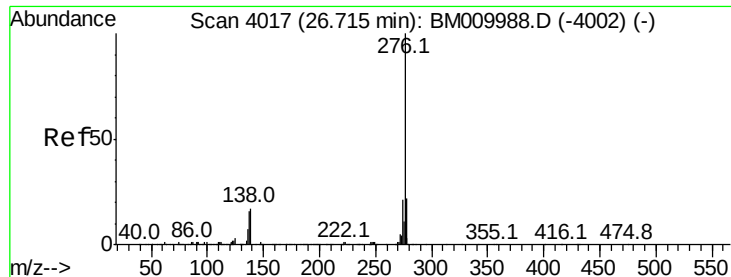
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 64.78 ng

RT: 27.09 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BM010070.D

Acq: 19 May 2017 12:12

Instrument :

BNA_M

ClientSampleId :

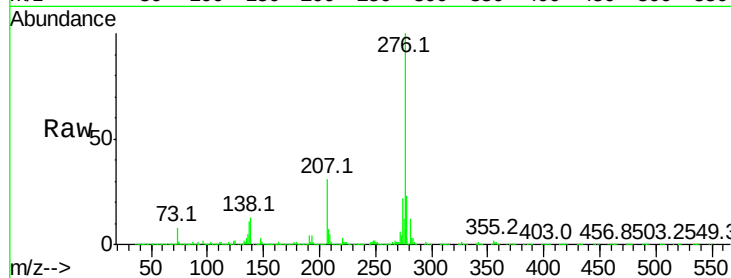
Tot Ion:276 Resp: 6151844

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 12.7 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

