

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010099.D
 Acq On : 22 May 2017 13:12
 Operator : SJ/MA
 Sample : PB99081BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

Quant Time: May 23 05:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	171951	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	572292	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	341366	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	762476	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1129086	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1347148	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1374401	144.34	ng	-0.01
7) Phenol-d6	7.16	99	1627238	132.81	ng	-0.01
23) Nitrobenzene-d5	9.16	82	1080065	101.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	739109	142.56	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2734454	102.98	ng	-0.01
78) Terphenyl-d14	19.94	244	4185480	84.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	165880	37.91	ng	# 100
3) Pyridine	3.86	79	431161	36.81	ng	91
4) n-Nitrosodimethylamine	3.77	42	204923	48.37	ng	# 82
6) Aniline	7.32	93	515640	33.97	ng	94
8) 2-Chlorophenol	7.54	128	449430	43.38	ng	94
9) Benzaldehyde	7.13	77	130111	17.06	ng	89
10) Phenol	7.19	94	553131	42.84	ng	87
11) bis(2-Chloroethyl)ether	7.40	93	396812	41.23	ng	97
12) 1,3-Dichlorobenzene	7.85	146	553306	42.03	ng	# 92
13) 1,4-Dichlorobenzene	8.00	146	561297	41.50	ng	96
14) 1,2-Dichlorobenzene	8.32	146	538813	41.51	ng	97
15) Benzyl Alcohol	8.23	79	421075	45.42	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.49	45	337126	35.63	ng	78
17) 2-Methylphenol	8.43	107	362220	39.42	ng	# 87
18) Hexachloroethane	9.04	117	184398	42.06	ng	# 76
19) n-Nitroso-di-n-propylamine	8.77	70	353551	40.88	ng	93
20) 3+4-Methylphenols	8.76	107	487665	39.30	ng	90
22) Acetophenone	8.80	105	669097	45.61	ng	# 99
24) Nitrobenzene	9.20	77	543406	49.73	ng	96
25) Isophorone	9.70	82	846567	46.19	ng	# 93
26) 2-Nitrophenol	9.90	139	210202	45.63	ng	# 68
27) 2,4-Dimethylphenol	9.95	122	381043	45.81	ng	# 81
28) bis(2-Chloroethoxy)methane	10.19	93	496320	42.67	ng	99
29) 2,4-Dichlorophenol	10.43	162	453739	47.38	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	564505	45.56	ng	98
31) Naphthalene	10.83	128	1291668	42.19	ng	99
32) Benzoic acid	10.09	122	238647	42.10	ng	# 82
33) 4-Chloroaniline	10.97	127	225472	19.12	ng	# 85
34) Hexachlorobutadiene	11.07	225	388686	47.03	ng	97
35) Caprolactam	11.77	113	105021	38.22	ng	# 77
36) 4-Chloro-3-methylphenol	12.07	107	430390	41.50	ng	86
37) 2-Methylnaphthalene	12.42	142	968340	43.93	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	634269	48.32	ng	# 100
40) Hexachlorocyclopentadiene	12.74	237	959068	126.53	ng	99

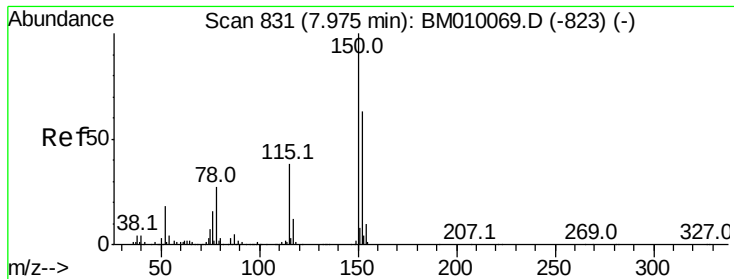
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	378521	48.96	nq	99
43) 2,4,5-Trichlorophenol	13.11	196	394791	46.21	nq	# 95
45) 1,1'-Biphenyl	13.43	154	1279660	45.58	nq	99
46) 2-Chloronaphthalene	13.48	162	1016704	44.73	nq	96
47) 2-Nitroaniline	13.72	65	258470	44.22	nq	84
48) Acenaphthylene	14.33	152	1522411	45.30	nq	99
49) Dimethylphthalate	14.06	163	1256450	41.26	nq	# 99
50) 2,6-Dinitrotoluene	14.20	165	260760	45.10	nq	93
51) Acenaphthene	14.66	154	930672	44.55	nq	99
52) 3-Nitroaniline	14.54	138	202258	37.64	nq	# 66
53) 2,4-Dinitrophenol	14.73	184	316610	82.22	nq	# 85
54) Dibenzofuran	15.00	168	1552444	47.25	nq	97
55) 4-Nitrophenol	14.86	139	364983	84.39	nq	# 43
56) 2,4-Dinitrotoluene	14.97	165	356853	43.62	nq	# 82
57) Fluorene	15.64	166	1248454	43.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	364012	50.02	nq	# 100
59) Diethylphthalate	15.41	149	1174167	40.78	nq	98
60) 4-Chlorophenyl-phenylether	15.63	204	712131	44.40	nq	96
61) 4-Nitroaniline	15.71	138	212581	38.97	nq	# 34
62) Azobenzene	15.93	77	1122403	53.02	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	213481	45.83	nq	76
65) n-Nitrosodiphenylamine	15.86	169	1067676	46.72	nq	99
66) 4-Bromophenyl-phenylether	16.53	248	459941	47.12	nq	93
67) Hexachlorobenzene	16.62	284	523476	44.14	nq	95
68) Atrazine	16.80	200	417582	48.20	nq	98
69) Pentachlorophenol	16.99	266	620419	95.25	nq	100
70) Phenanthrene	17.39	178	1967724	46.13	nq	99
71) Anthracene	17.47	178	1993921	47.10	nq	99
72) Carbazole	17.76	167	1723100	45.97	nq	98
73) Di-n-butylphthalate	18.28	149	1869039	42.06	nq	# 98
74) Fluoranthene	19.39	202	2450927	44.25	nq	98
76) Benzidine	19.59	184	1673717	80.37	nq	99
77) Pyrene	19.75	202	2534434	41.87	nq	100
79) Butylbenzylphthalate	20.63	149	897926	40.07	nq	# 86
80) Benzo(a)anthracene	21.49	228	2920087	46.93	nq	100
81) 3,3'-Dichlorobenzidine	21.43	252	1041305	41.60	nq	# 98
82) Chrysene	21.54	228	2656762	45.02	nq	100
83) Bis(2-ethylhexyl)phthalate	21.37	149	1331346	39.73	nq	# 94
84) Di-n-octyl phthalate	22.28	149	2551120	42.52	nq	96
85) Indeno(1,2,3-cd)pyrene	26.30	276	4982677	57.57	nq	# 100
87) Benzo(b)fluoranthene	23.14	252	3699416	46.92	nq	# 93
88) Benzo(k)fluoranthene	23.19	252	3516690	45.53	nq	# 95
89) Benzo(a)pyrene	23.76	252	3613780	48.10	nq	# 97
90) Dibenzo(a,h)anthracene	26.31	278	4231863	50.37	nq	# 92
91) Benzo(g,h,i)perylene	27.05	276	4086733	49.65	nq	# 88

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

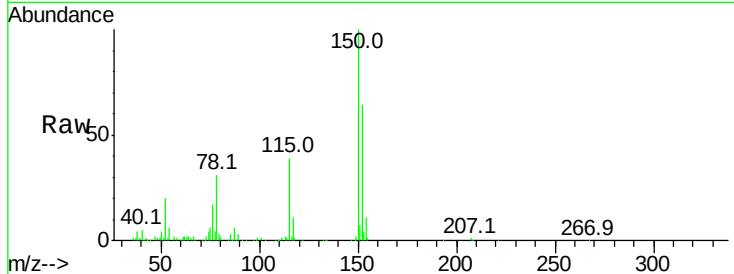


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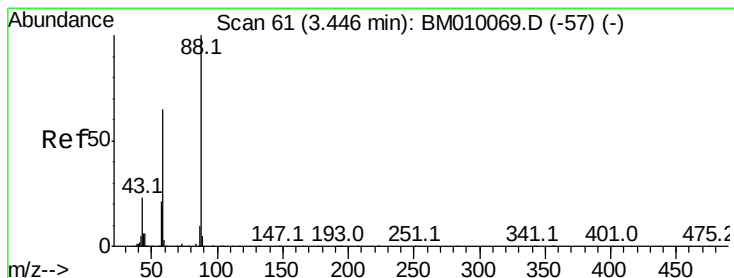
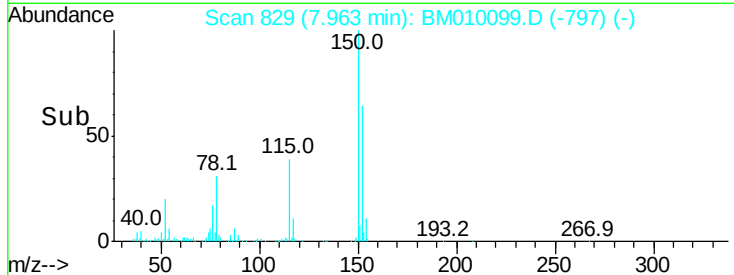
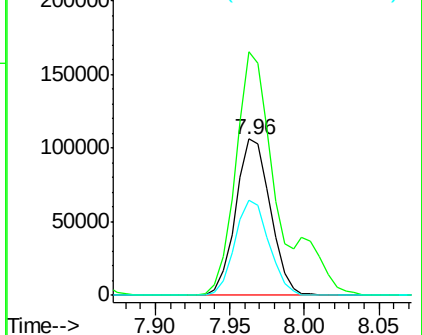
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Instrument :
BNA_M
ClientSampleId :
PB99081BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	61.0	43.0	64.4



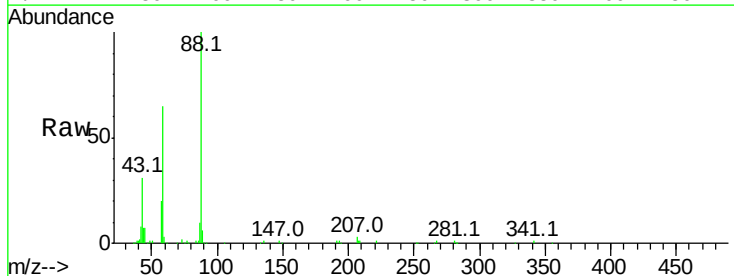
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



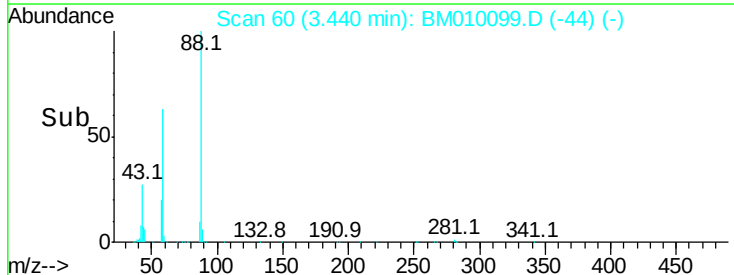
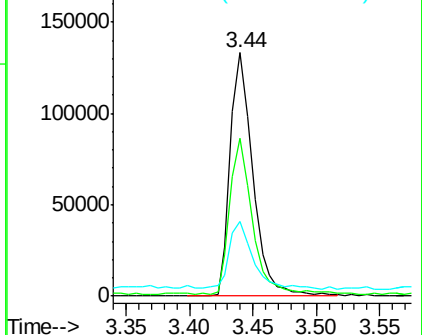
#2

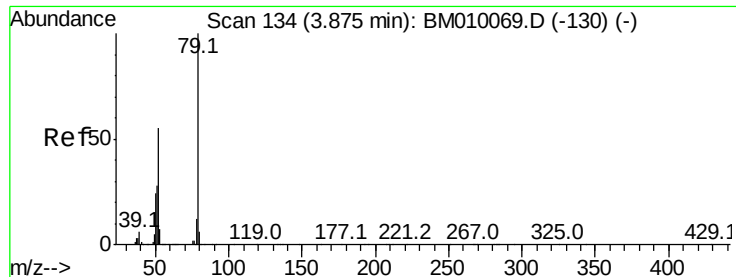
1,4-Dioxane
Concen: 37.91 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	0.0	0.0#
43	29.3	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: 36.81 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

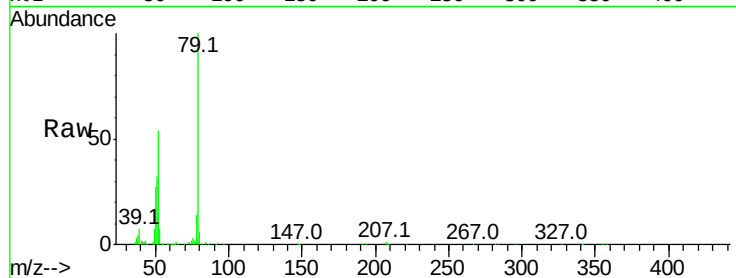
Tot Ion: 79 Resp: 431161

Ion Ratio Lower Upper

79 100

52 53.5 51.1 76.7

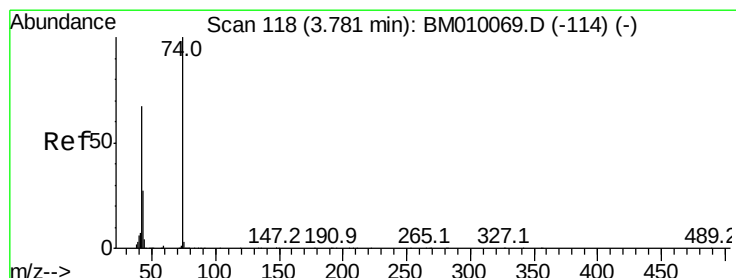
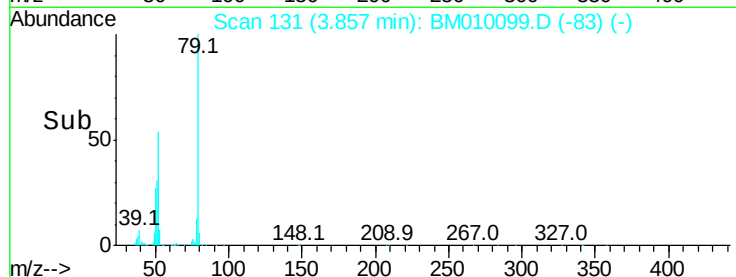
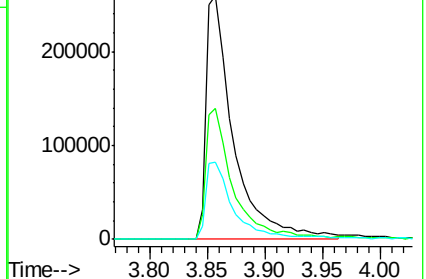
51 31.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 48.37 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

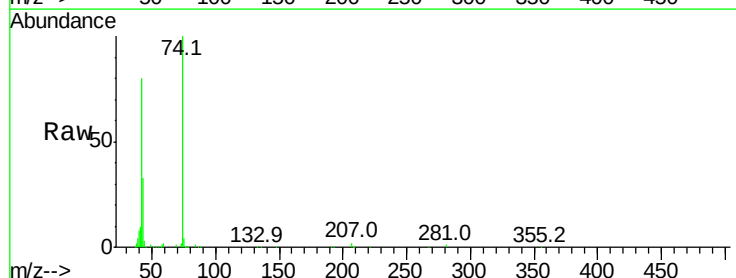
Tgt Ion: 42 Resp: 204923

Ion Ratio Lower Upper

42 100

74 125.6 119.3 178.9

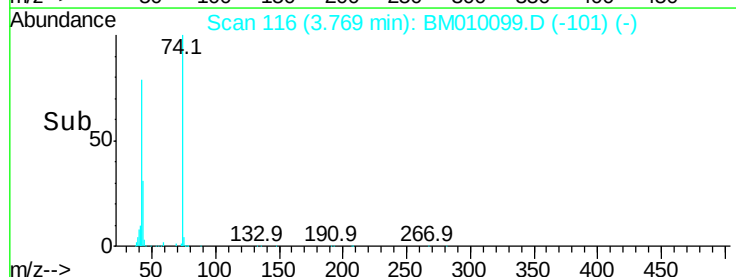
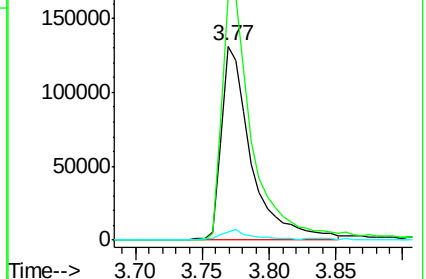
44 4.0 5.4 8.2#

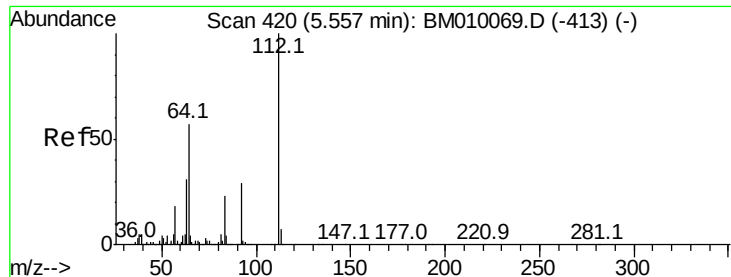


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 144.34 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

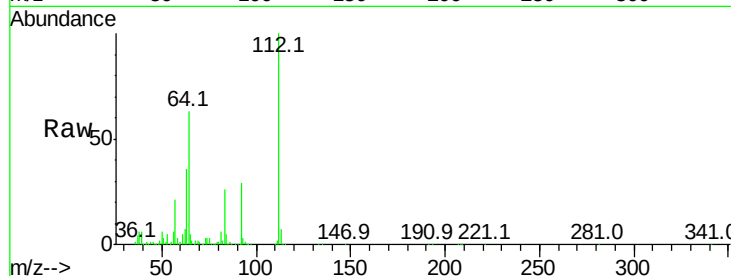
Tot Ion:112 Resp: 1374401

Ion Ratio Lower Upper

112 100

64 63.0 38.6 57.8#

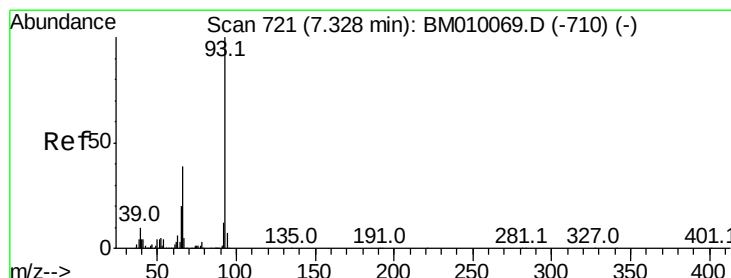
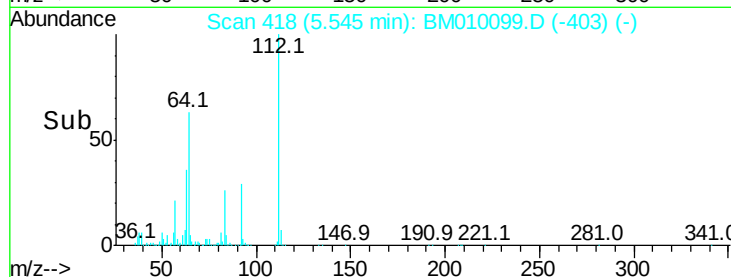
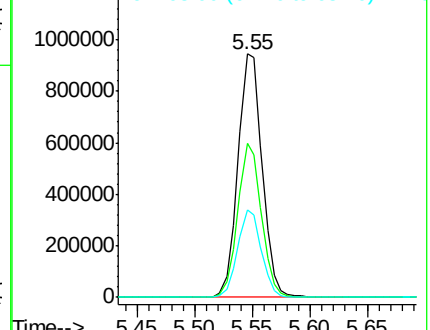
63 35.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 33.97 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

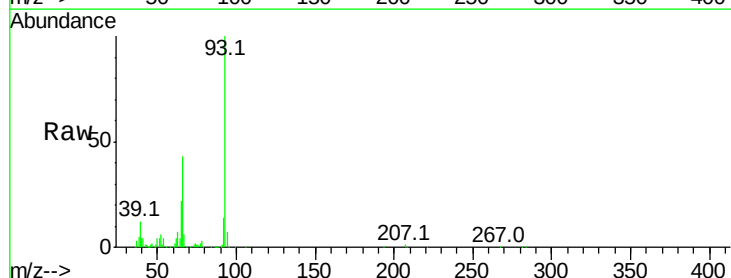
Tgt Ion: 93 Resp: 515640

Ion Ratio Lower Upper

93 100

66 42.5 30.8 46.2

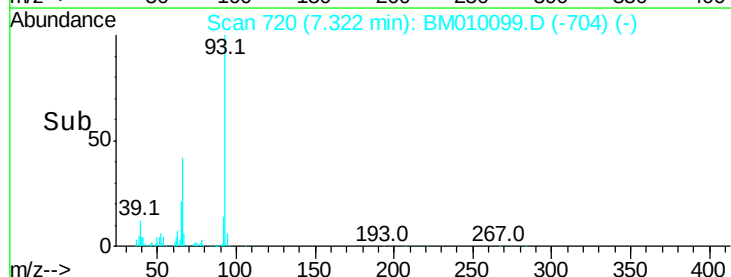
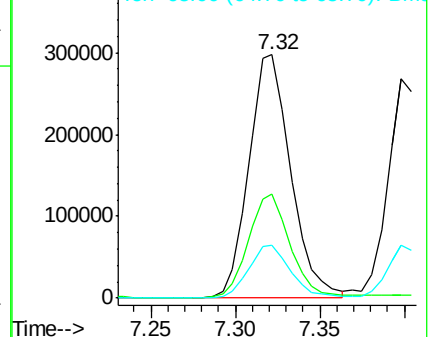
65 21.6 16.0 24.0

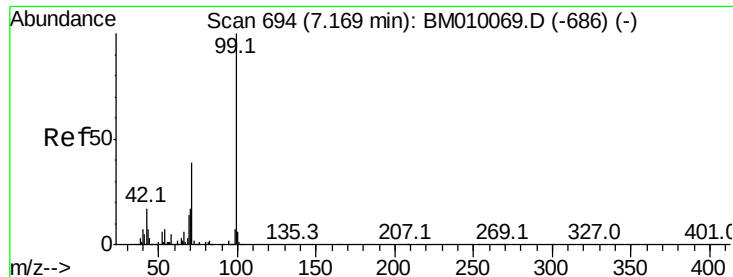


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 132.81 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

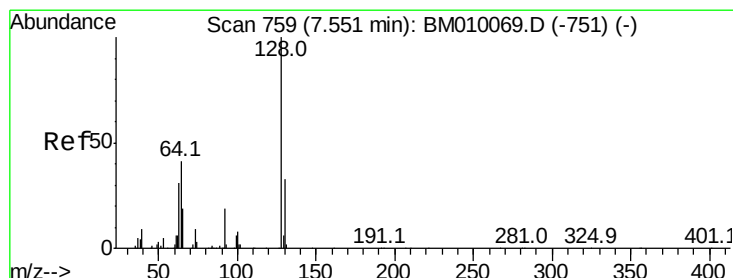
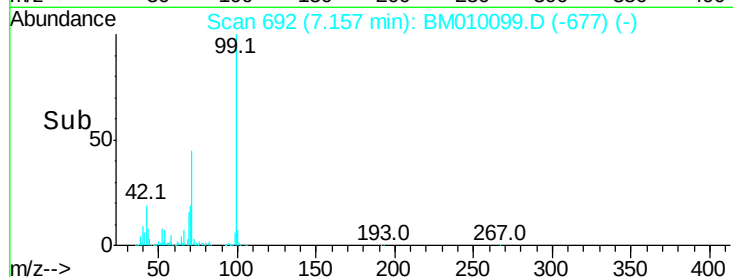
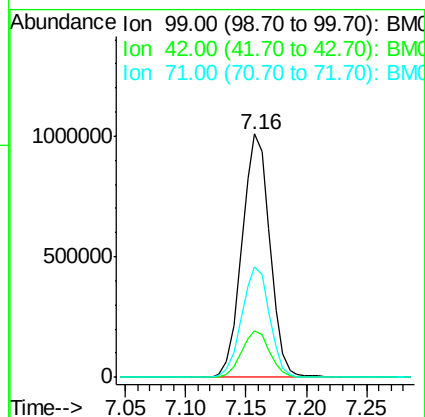
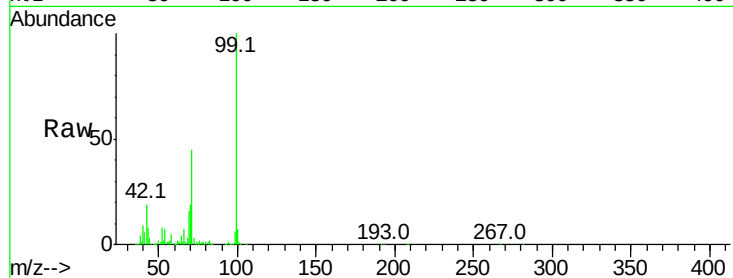
Tot Ion: 99 Resp: 1627238

Ion Ratio Lower Upper

99 100

42 19.2 11.0 16.4#

71 45.4 23.4 35.2#



#8

2-Chlorophenol

Concen: 43.38 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

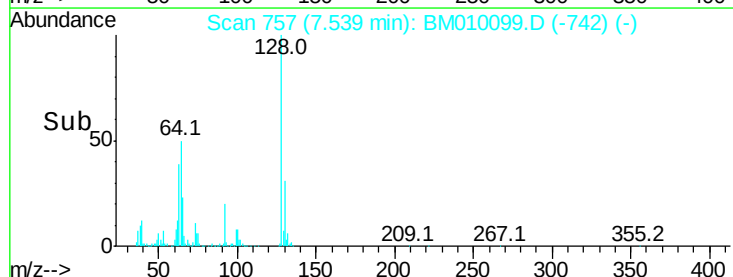
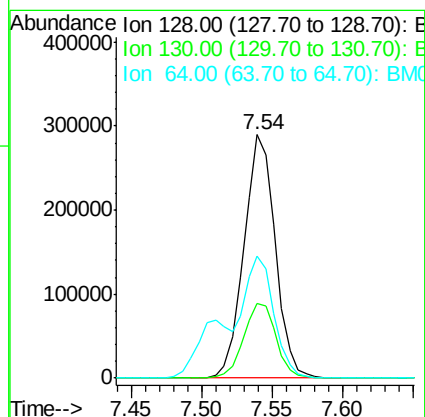
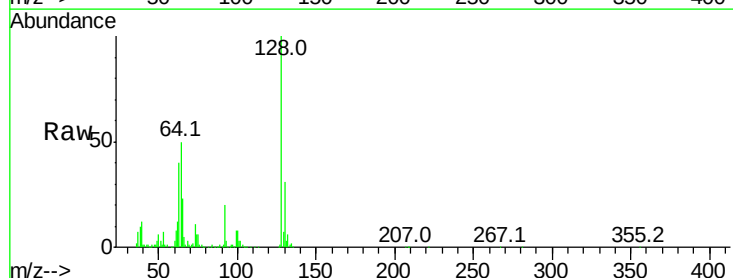
Tgt Ion: 128 Resp: 449430

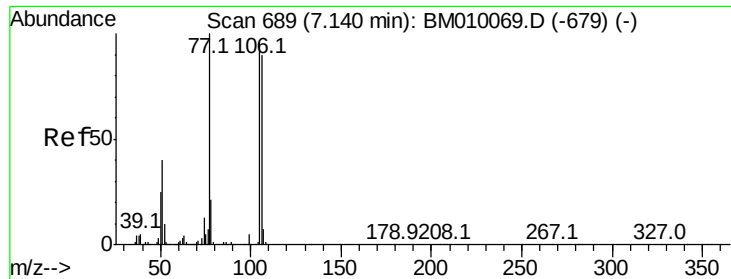
Ion Ratio Lower Upper

128 100

130 30.6 12.0 52.0

64 49.9 24.9 64.9





#9

Benzaldehyde

Concen: 17.06 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampled :

PB99081BS

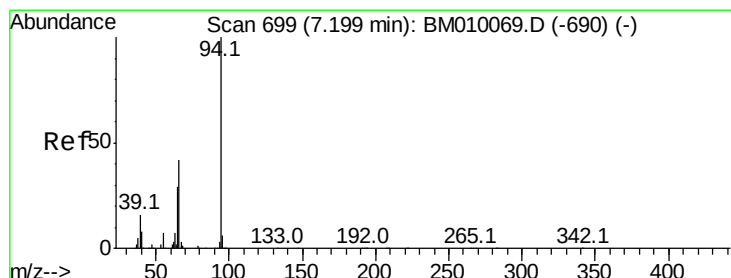
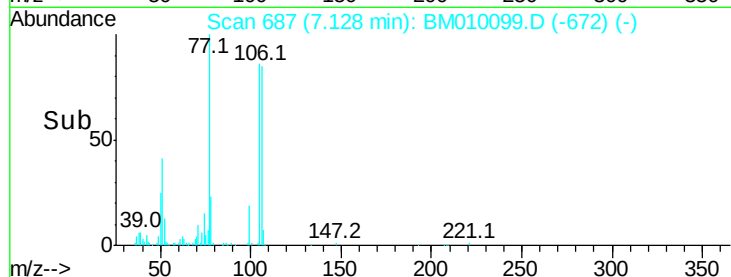
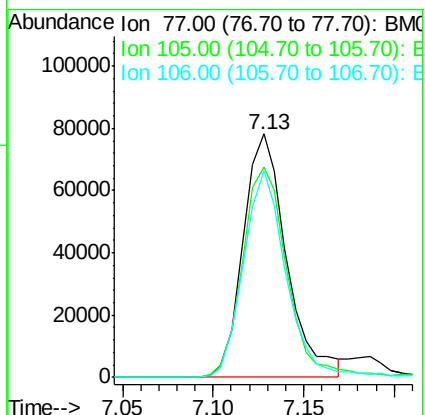
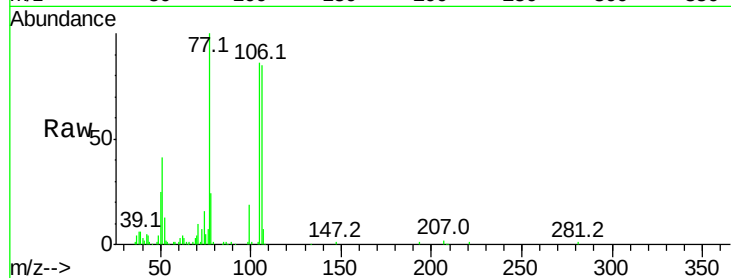
Tot Ion: 77 Resp: 130111

Ion Ratio Lower Upper

77 100

105 86.4 78.8 118.8

106 85.0 73.7 113.7



#10

Phenol

Concen: 42.84 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

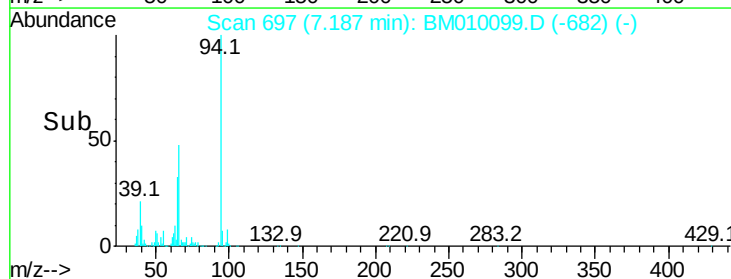
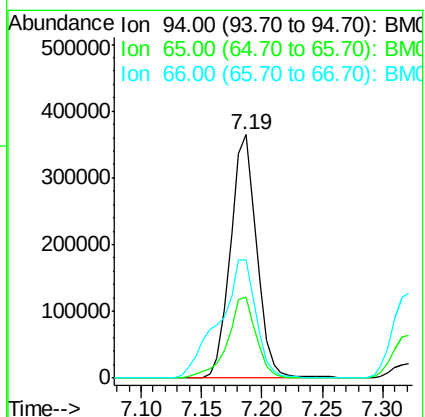
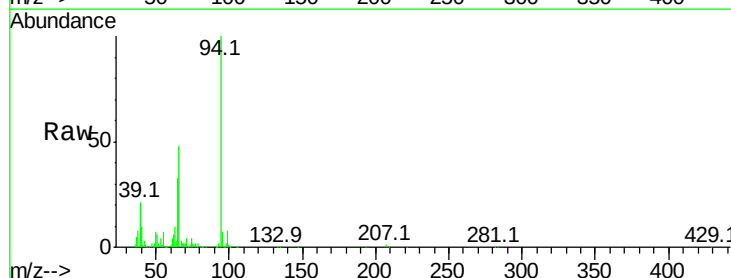
Tgt Ion: 94 Resp: 553131

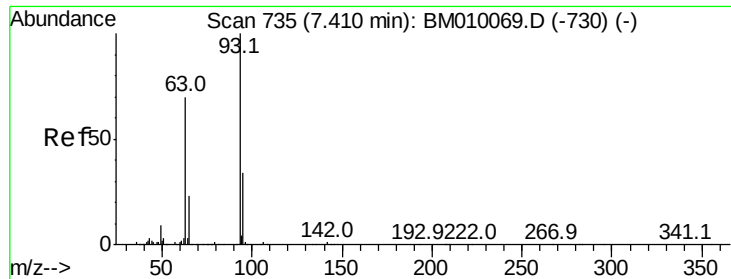
Ion Ratio Lower Upper

94 100

65 33.1 18.8 58.8

66 48.4 39.9 79.9

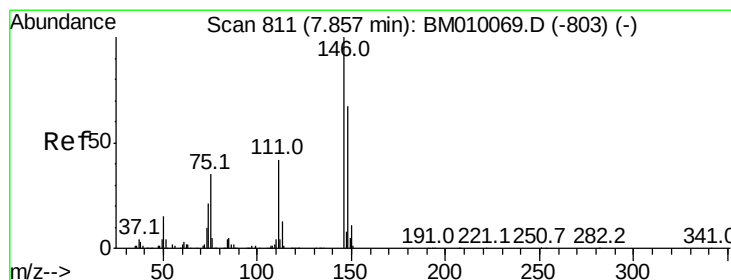
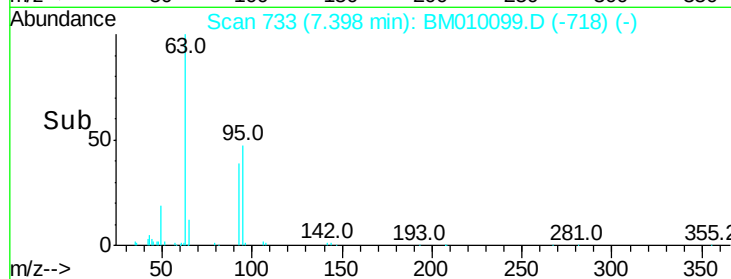
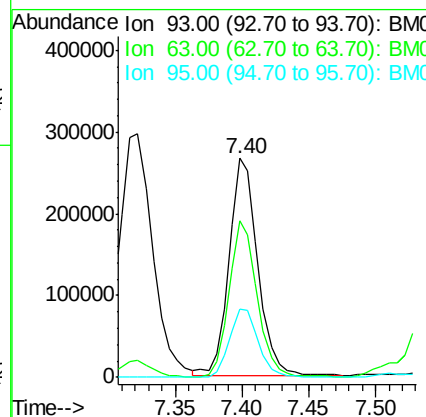
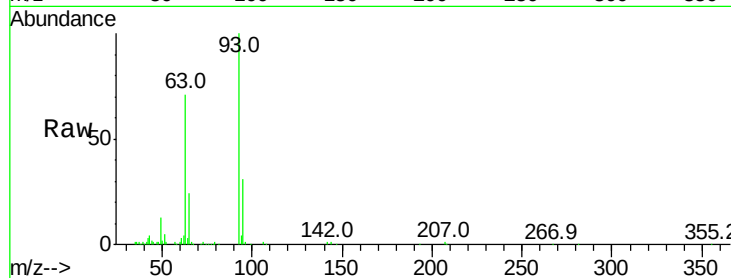




#11
bis(2-Chloroethyl)ether
Concen: 41.23 ng
RT: 7.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

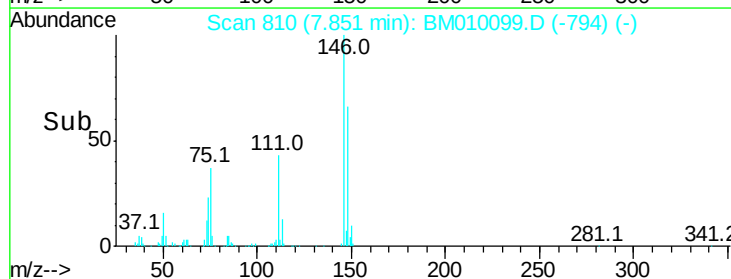
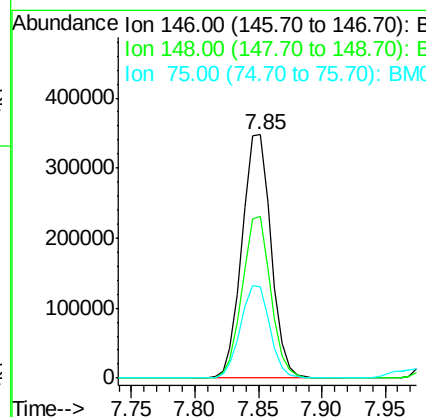
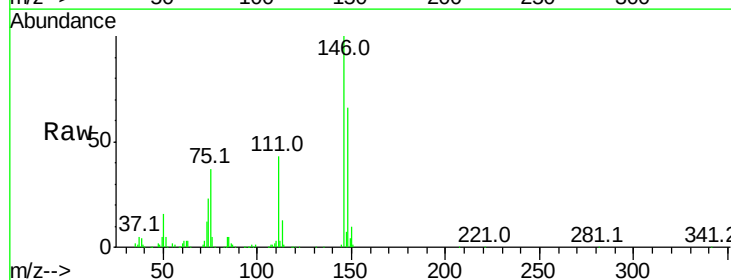
Instrument :
BNA_M
ClientSampleId :
PB99081BS

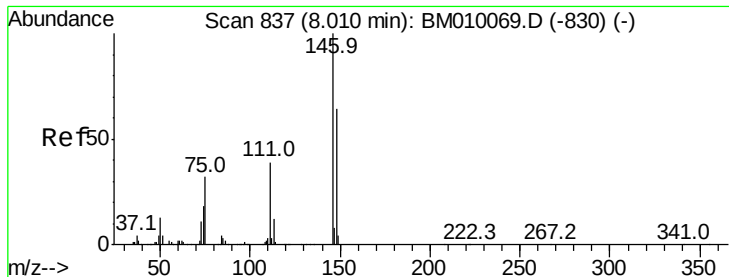
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.5	89.5
95	31.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 42.03 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.9	76.3
75	37.3	21.4	32.2

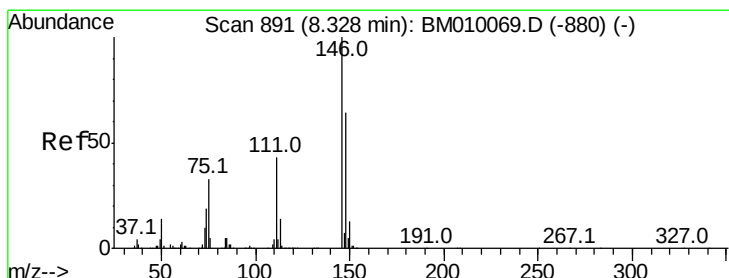
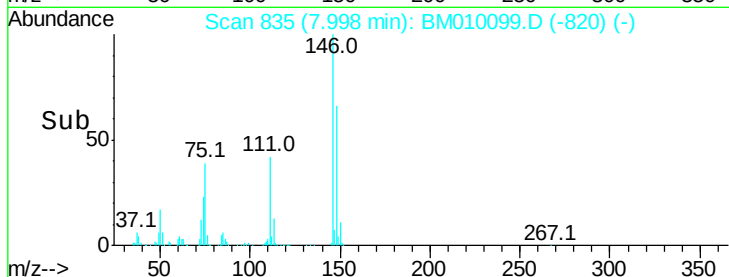
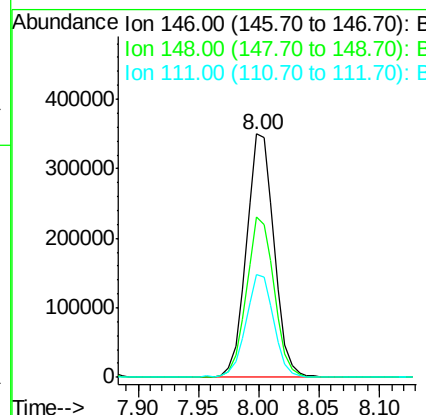
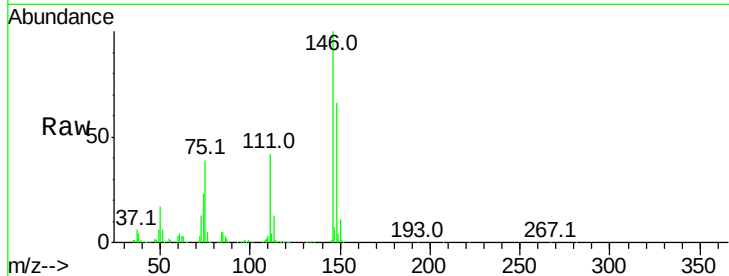




#13
 1,4-Dichlorobenzene
 Concen: 41.50 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

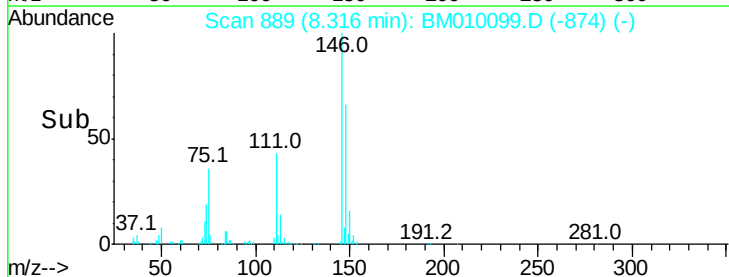
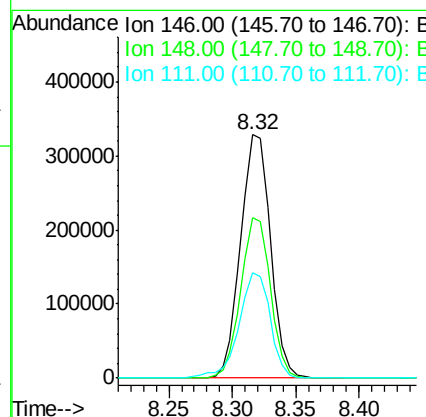
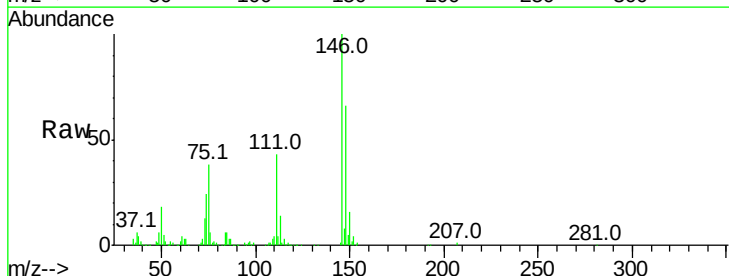
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

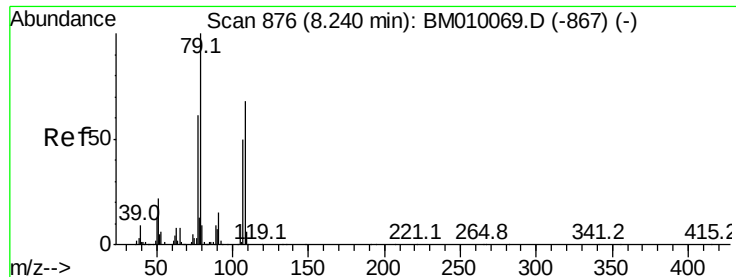
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	42.1	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 41.51 ng
 RT: 8.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	43.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 45.42 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

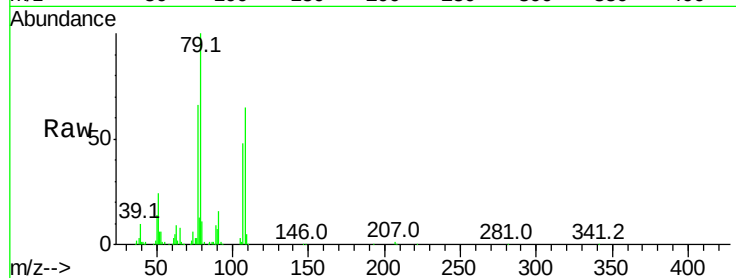
Tot Ion: 79 Resp: 421075

Ion Ratio Lower Upper

79 100

108 65.0 65.0 97.4

77 65.9 53.0 79.6



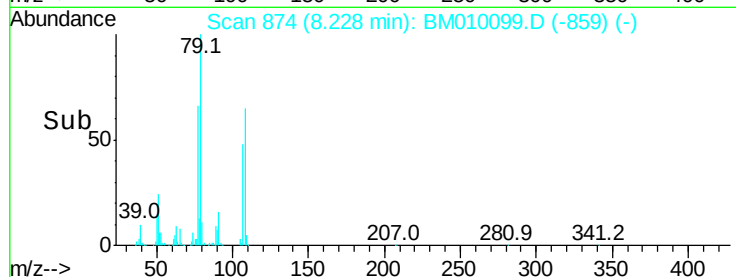
Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)

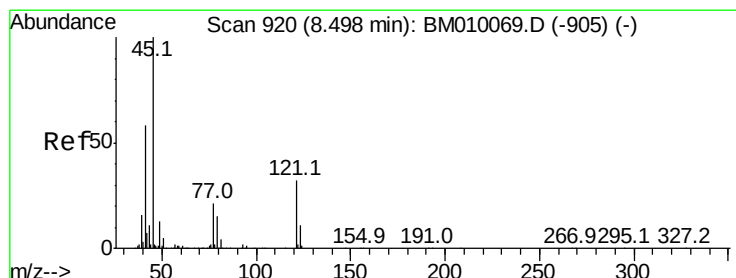
8.23

Time-->



8.23

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.63 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

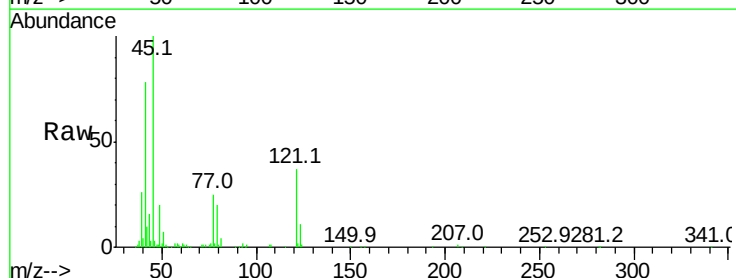
Tgt Ion: 45 Resp: 337126

Ion Ratio Lower Upper

45 100

77 25.0 0.0 35.2

79 19.7 0.0 32.0



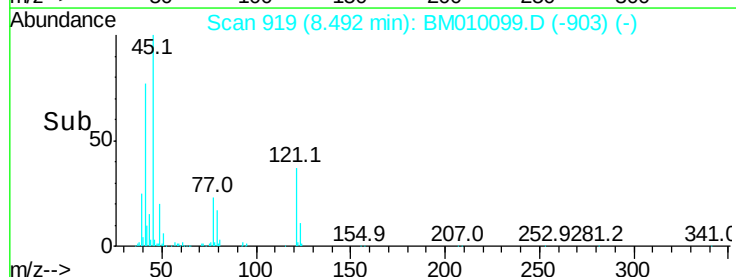
Abundance Ion 45.00 (44.70 to 45.70): BM010069.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM010069.D (-905) (-)

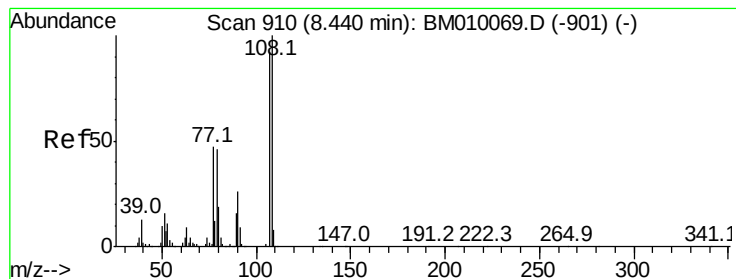
8.49

Time-->



8.49

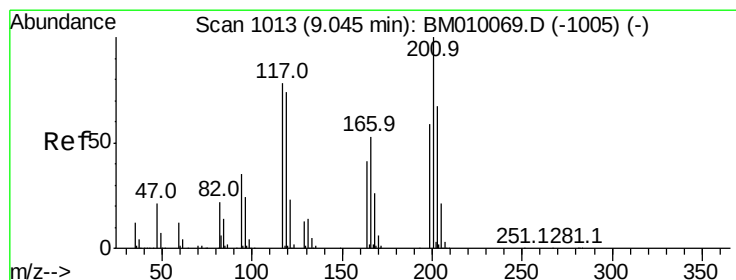
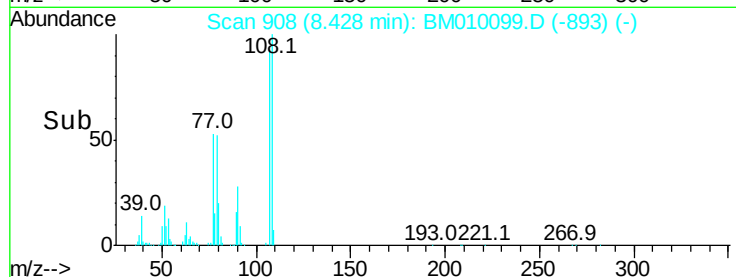
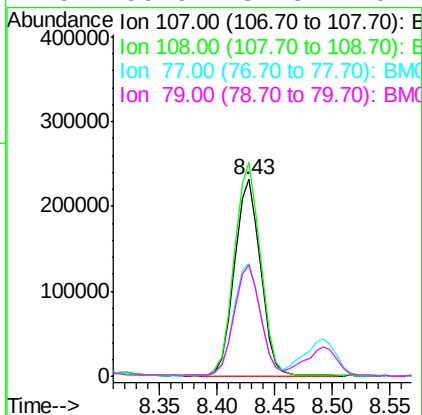
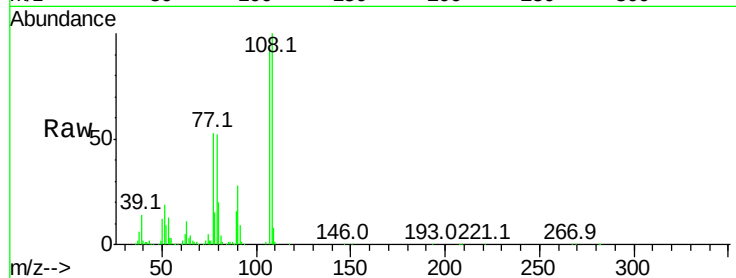
Time-->



#17
2-Methylphenol
Concen: 39.42 ng
RT: 8.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

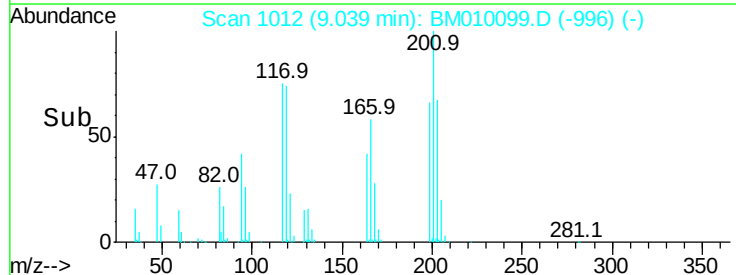
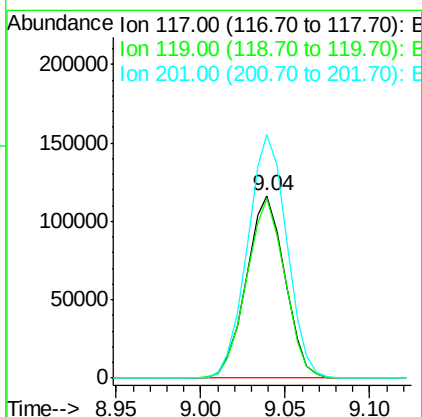
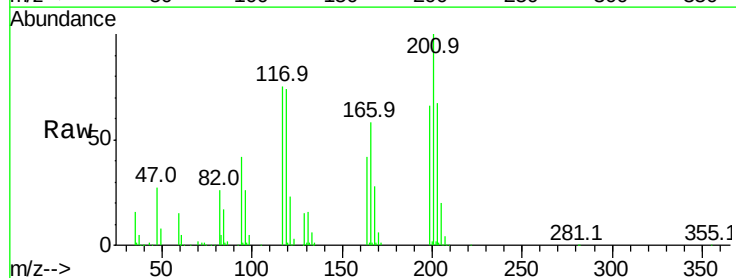
Instrument :
BNA_M
ClientSampleId :
PB99081BS

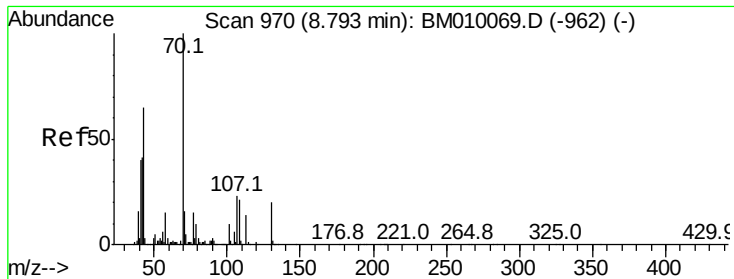
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	89.8	134.8
77	57.4	32.6	48.8#
79	56.6	32.8	49.2#



#18
Hexachloroethane
Concen: 42.06 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	79.2	118.8
201	133.5	69.8	104.6#

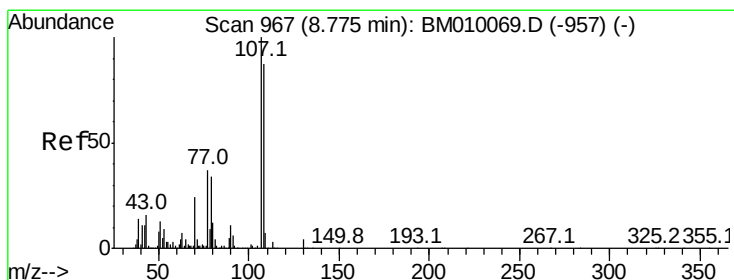
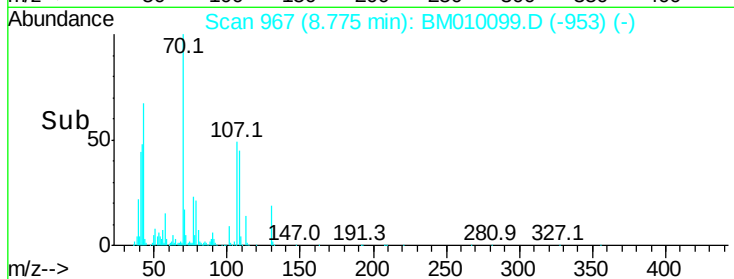
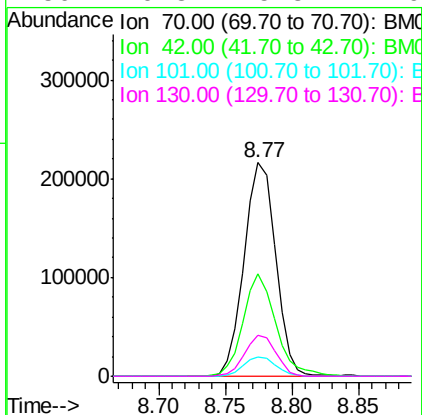
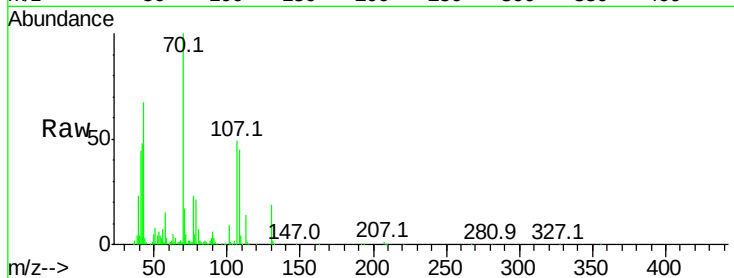




#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

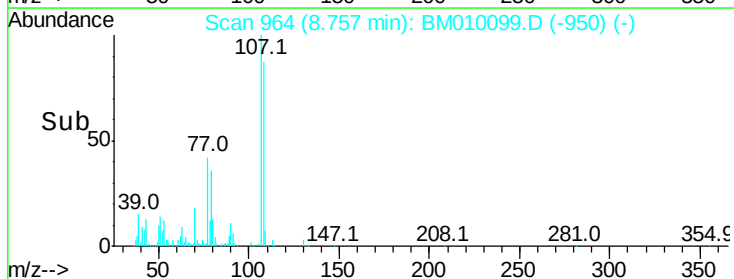
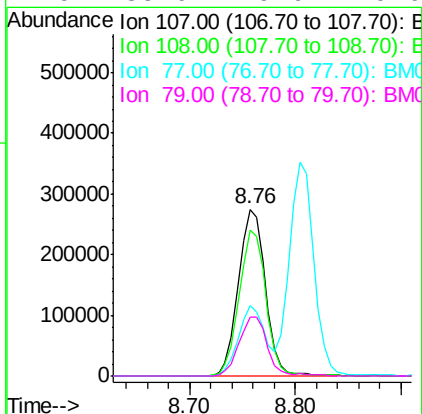
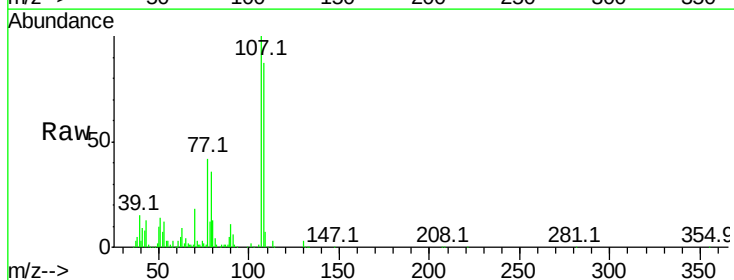
Instrument :
BNA_M
ClientSampleId :
PB99081BS

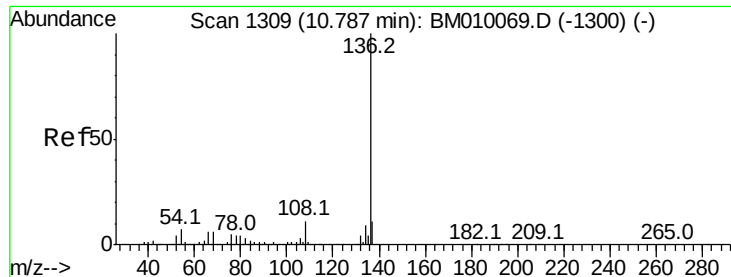
Tot Ion:	70	Resp:	353551
Ion	Ratio	Lower	Upper
70	100		
42	47.9	44.5	66.7
101	9.3	7.4	11.2
130	19.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 39.30 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:	107	Resp:	487665
Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.2	113.2
77	42.4	10.7	50.7
79	35.6	9.6	49.6

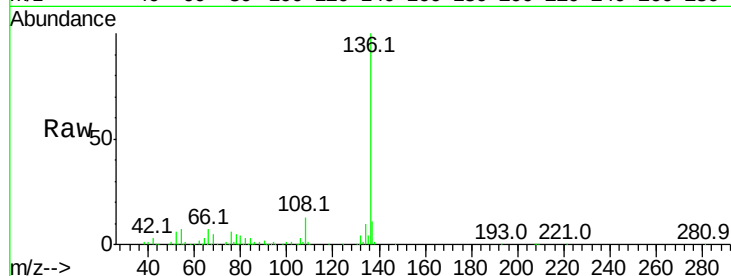




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Instrument :
BNA_M
ClientSampleId :
PB99081BS

Tot Ion:136	Resp:	572292	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 6.5	4.6	6.8	
68 4.8	3.7	5.5	



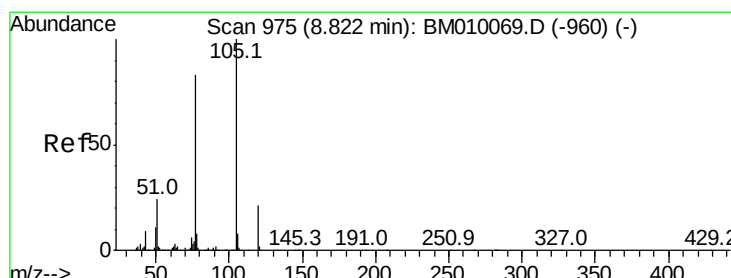
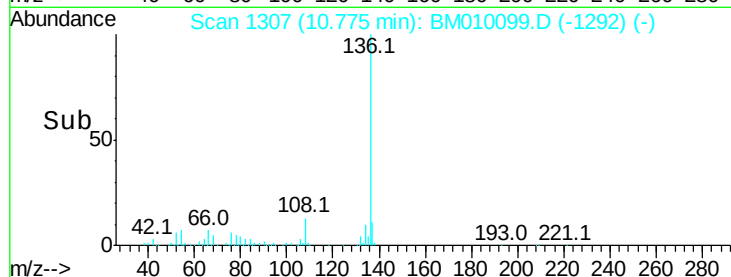
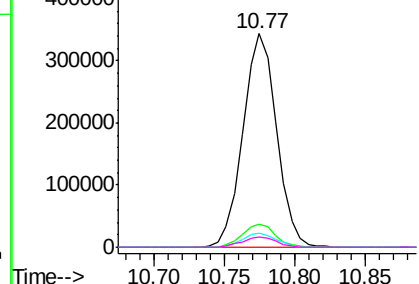
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

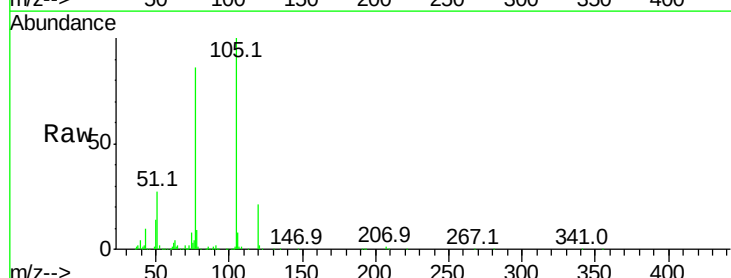
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 45.61 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt	Ion:105	Resp:	669097
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	27.2	21.6	32.4
120	20.9	16.1	24.1



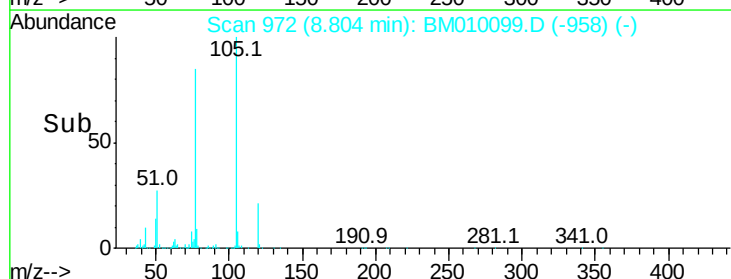
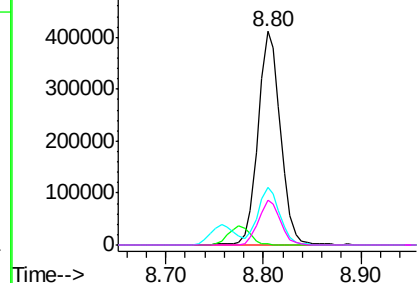
Abundance

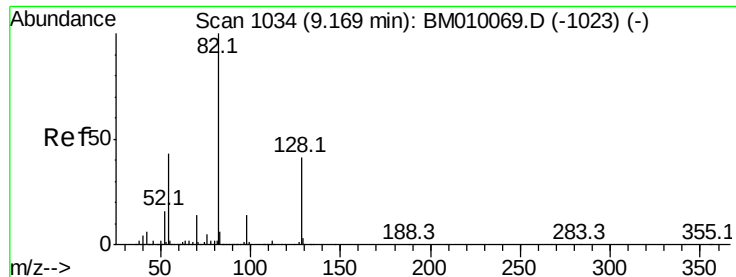
Ion 105.00 (104.70 to 105.70): E

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

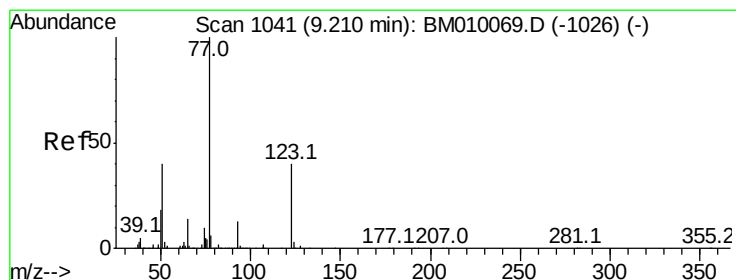
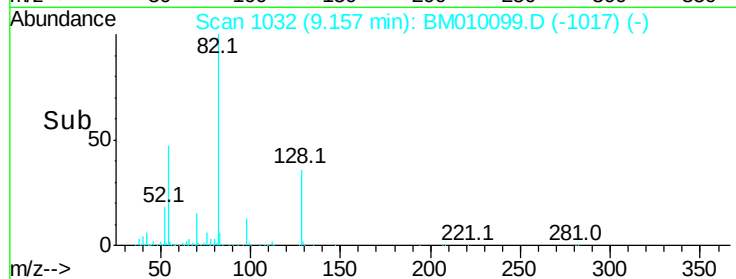
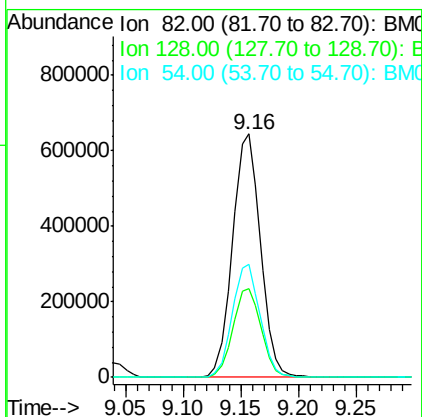
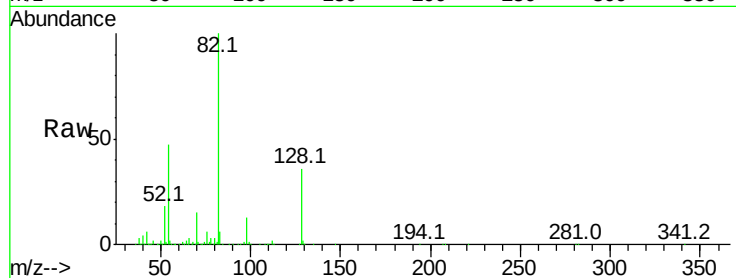




#23
 Nitrobenzene-d5
 Concen: 101.82 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

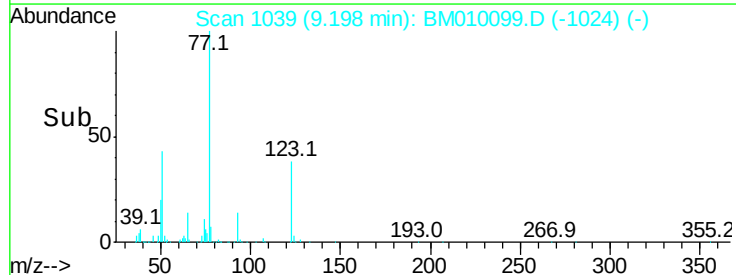
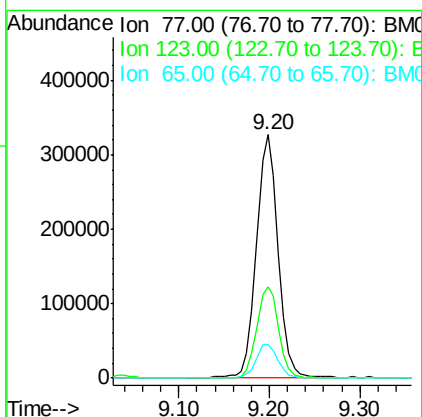
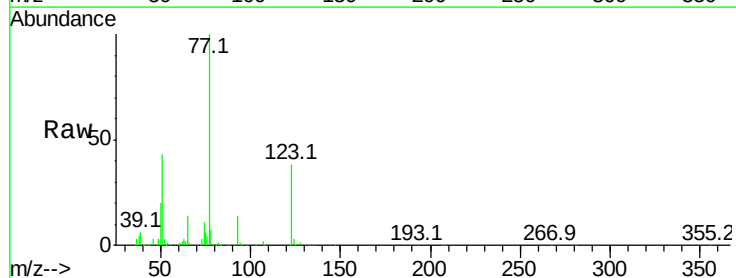
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

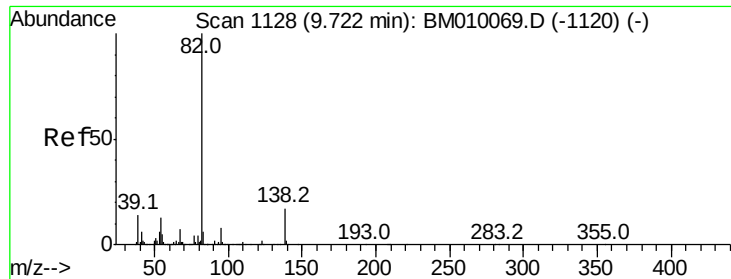
Tot Ion: 82 Resp: 1080065
 Ion Ratio Lower Upper
 82 100
 128 36.4 32.8 49.2
 54 46.6 40.6 60.8



#24
 Nitrobenzene
 Concen: 49.73 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion: 77 Resp: 543406
 Ion Ratio Lower Upper
 77 100
 123 37.8 32.6 49.0
 65 14.0 10.9 16.3

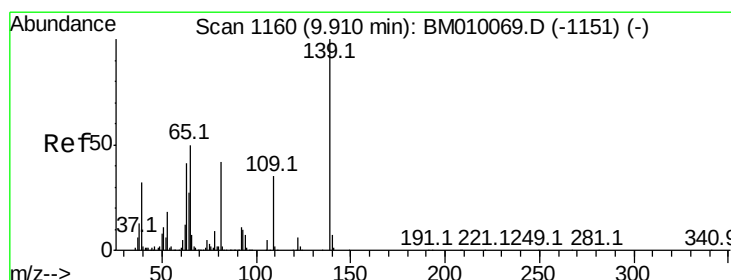
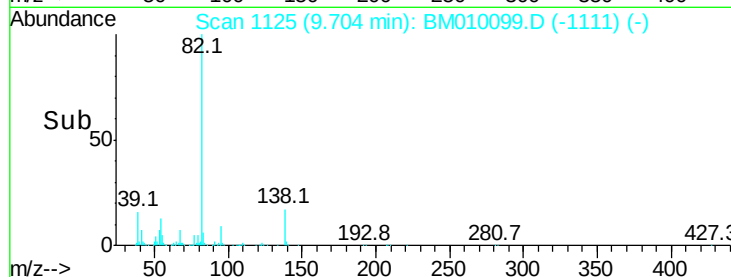
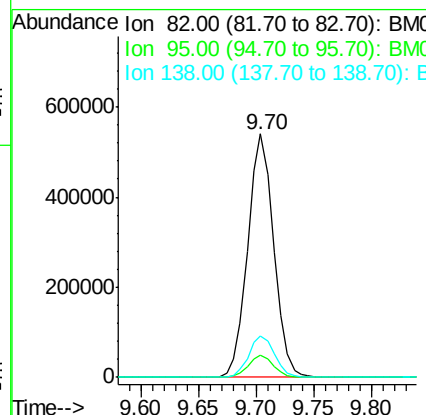
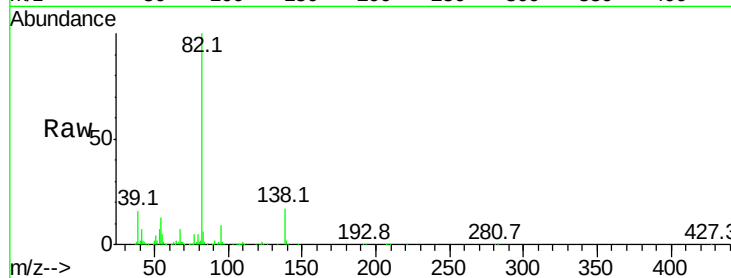




#25
Isophorone
Concen: 46.19 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

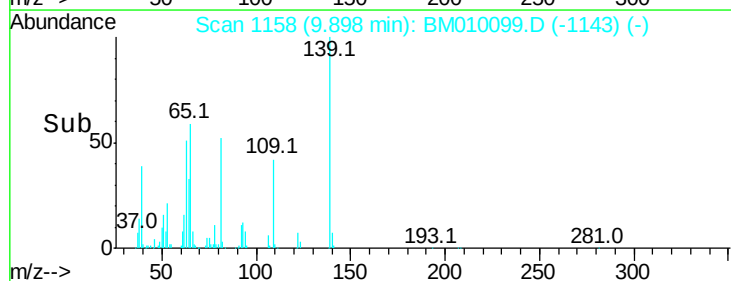
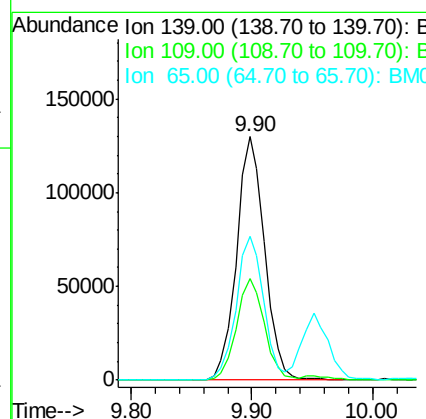
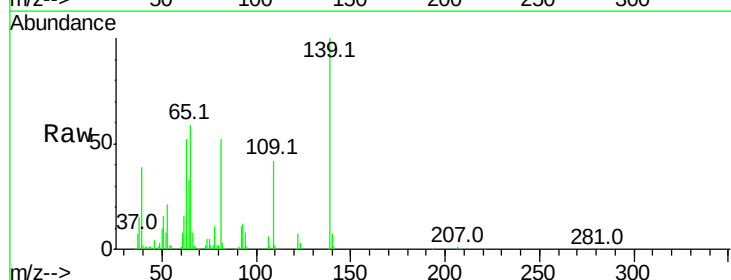
Instrument :
BNA_M
ClientSampleId :
PB99081BS

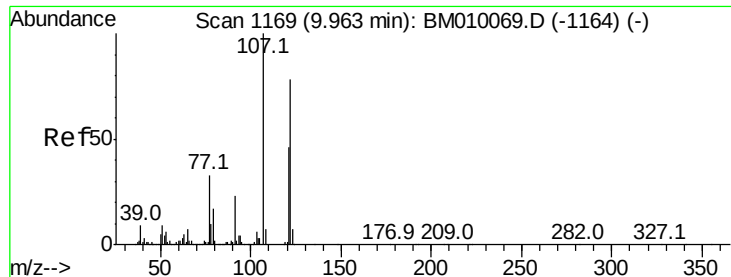
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.8	8.6#
138	17.1	16.3	24.5



#26
2-Nitrophenol
Concen: 45.63 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.8	20.1	30.1#
65	58.9	31.5	47.3#

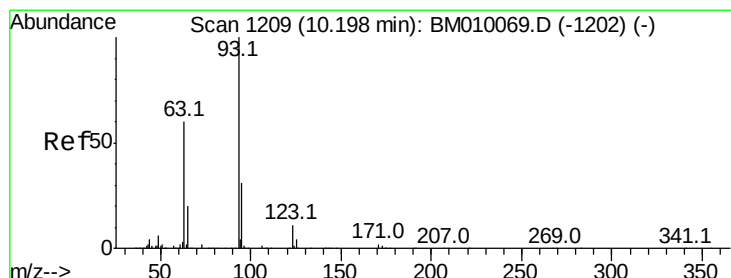
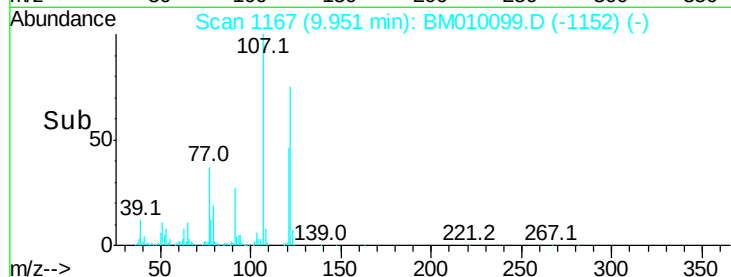
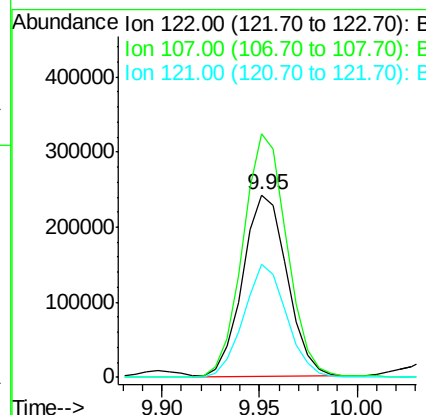
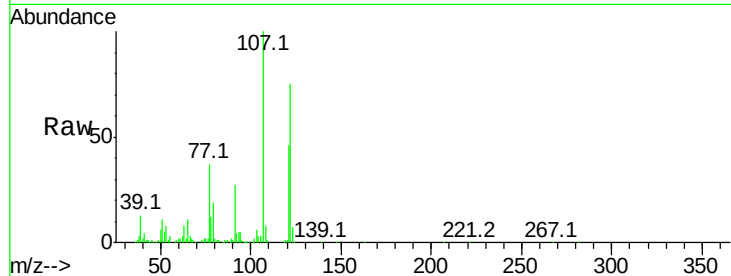




#27
2,4-Dimethylphenol
Concen: 45.81 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

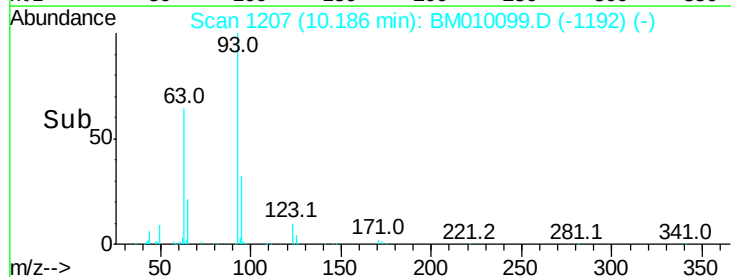
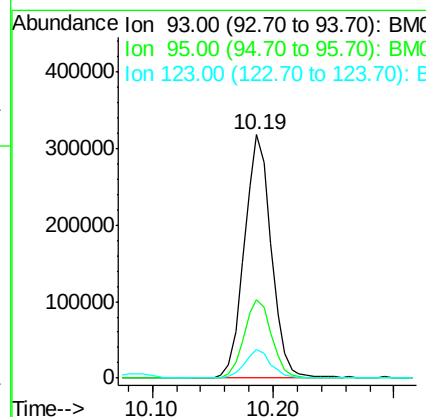
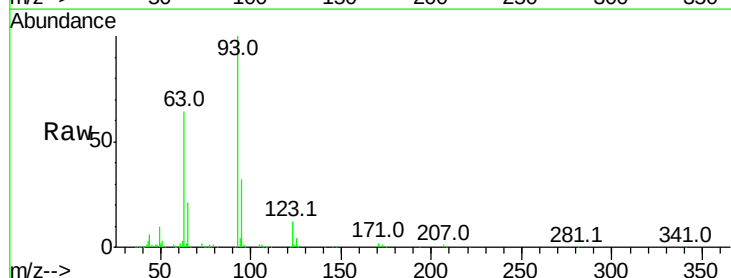
Instrument :
BNA_M
ClientSampleId :
PB99081BS

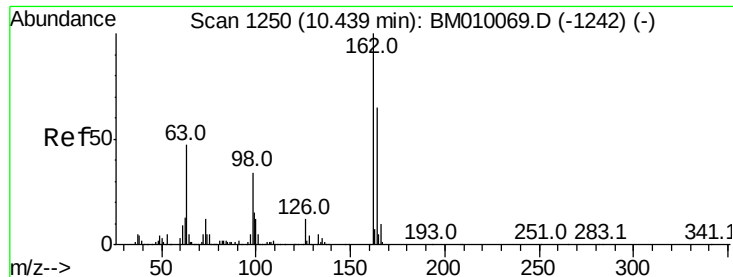
Tot Ion:122 Resp: 381043
Ion Ratio Lower Upper
122 100
107 133.3 84.7 127.1#
121 61.6 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.67 ng
RT: 10.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion: 93 Resp: 496320
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.5 8.6 13.0

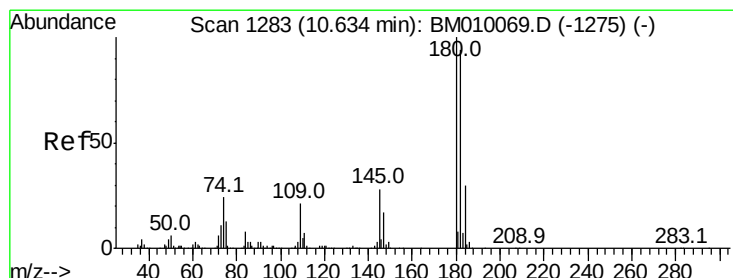
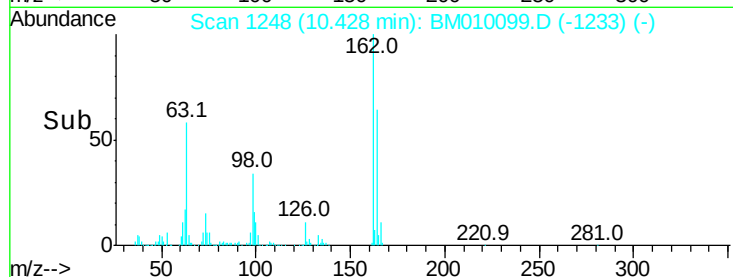
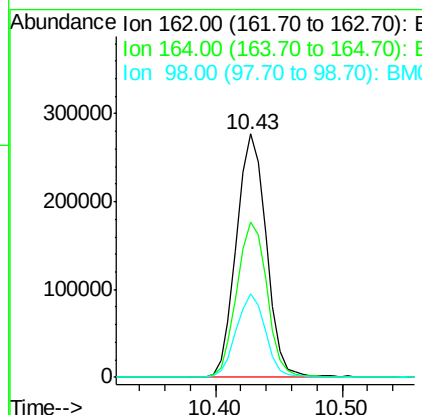
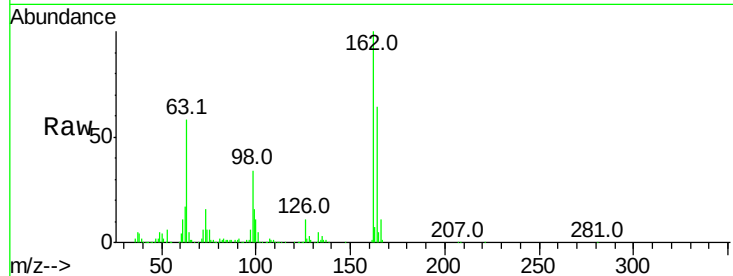




#29
2,4-Dichlorophenol
Concen: 47.38 ng
RT: 10.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

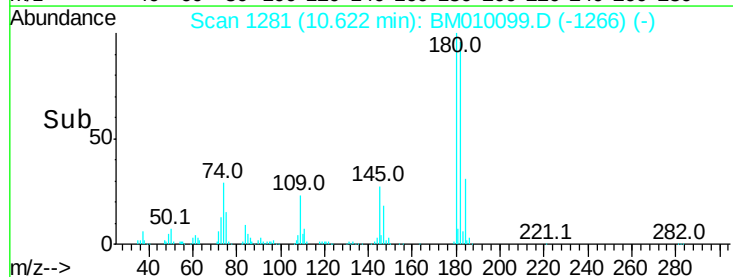
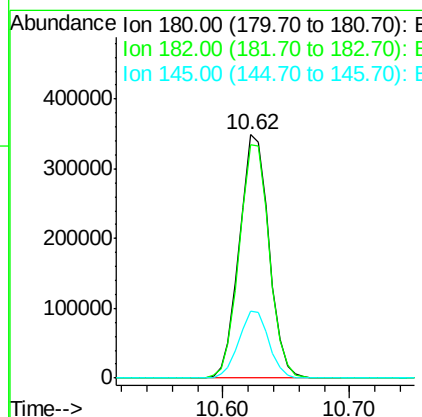
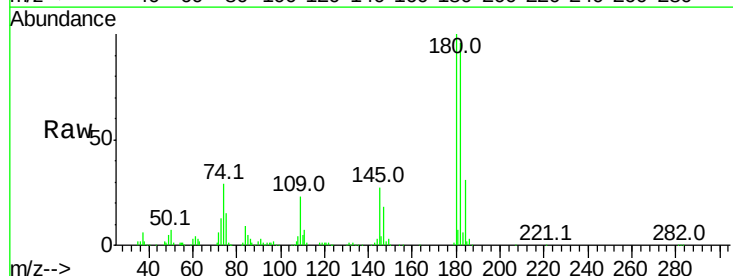
Instrument :
BNA_M
ClientSampleId :
PB99081BS

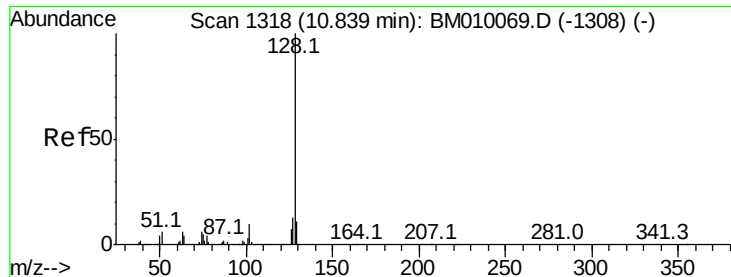
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.8	82.8
98	34.2	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 45.56 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.6	116.4
145	27.4	23.4	35.2

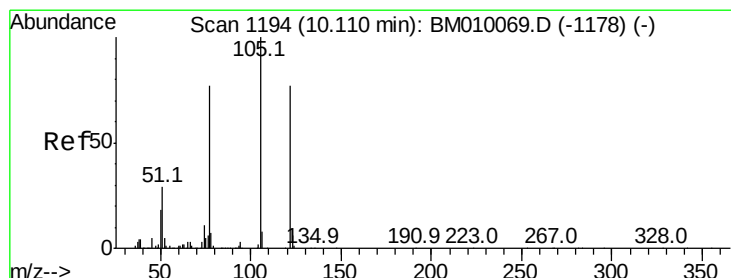
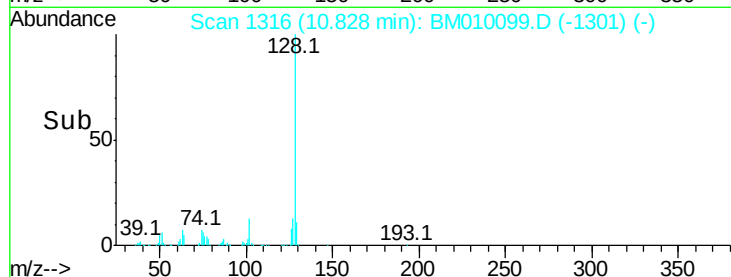
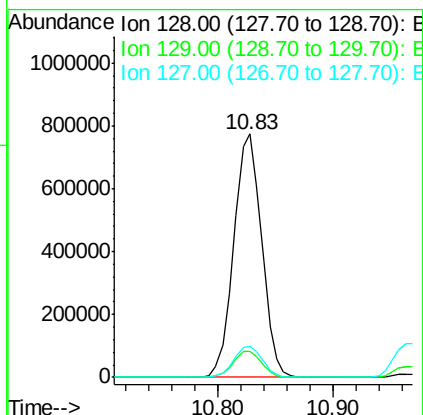
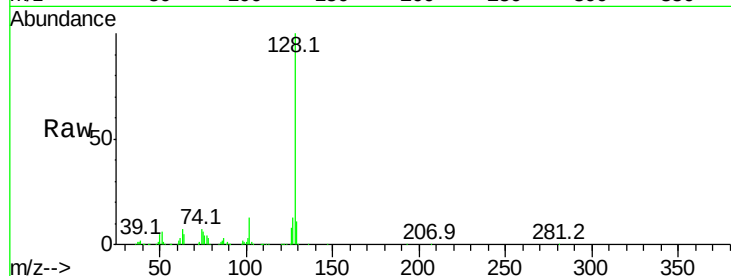




#31
Naphthalene
Concen: 42.19 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

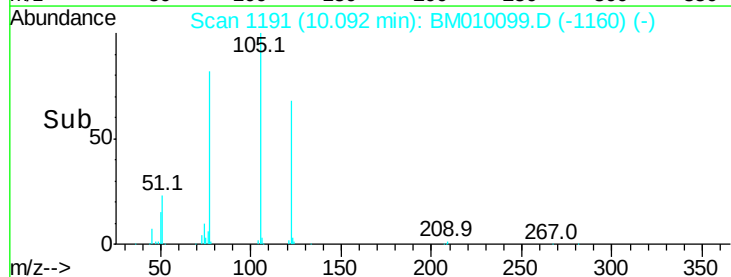
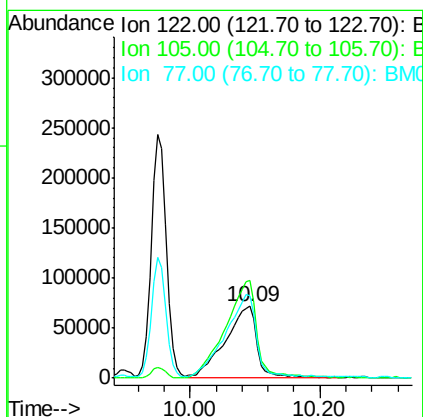
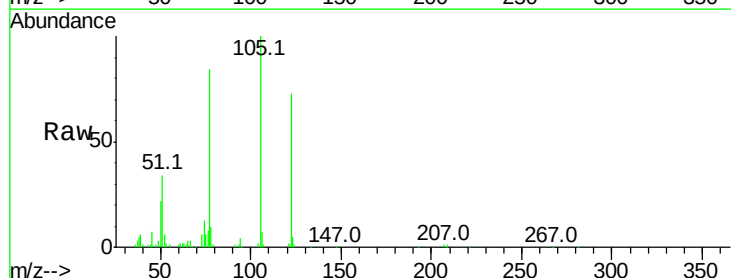
Instrument :
BNA_M
ClientSampleId :
PB99081BS

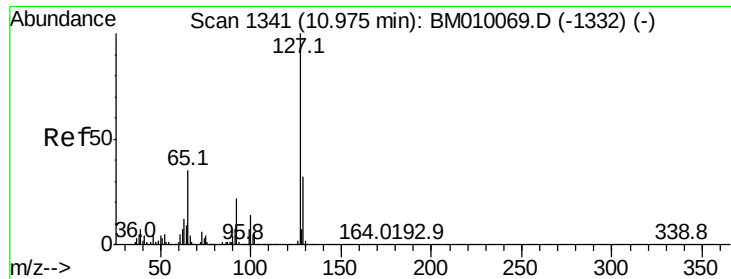
Tot Ion:128 Resp: 1291668
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 42.10 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:122 Resp: 238647
Ion Ratio Lower Upper
122 100
105 136.8 99.9 139.9
77 114.5 73.7 113.7#

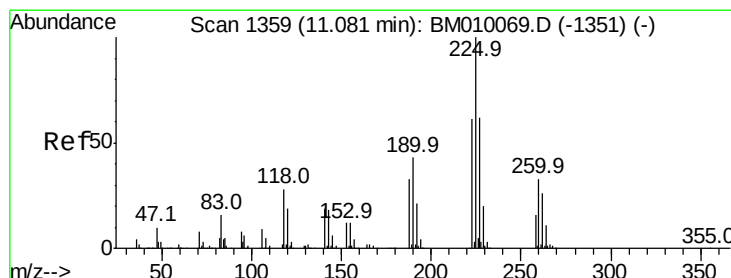
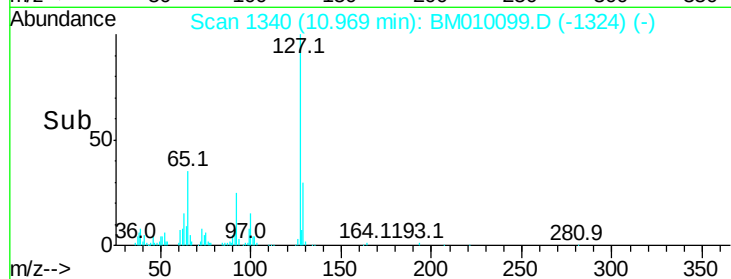
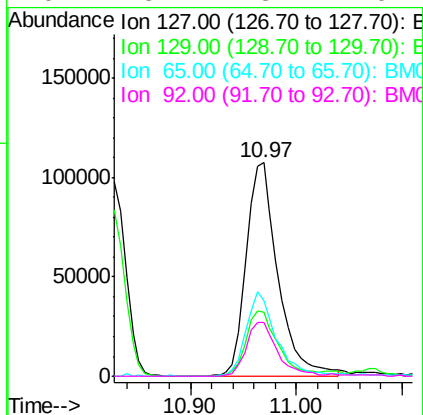
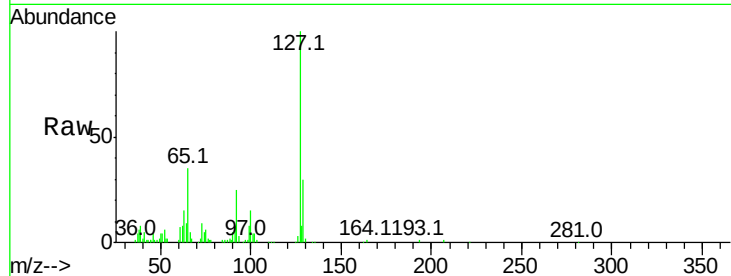




#33
4-Chloroaniline
Concen: 19.12 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

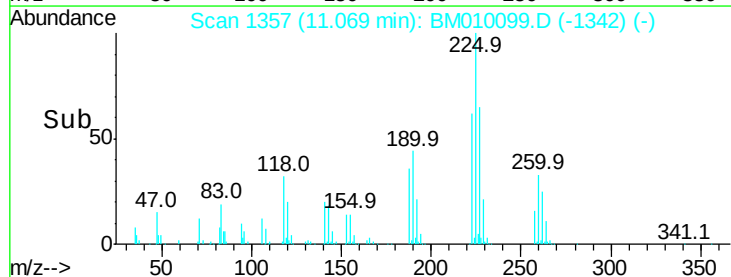
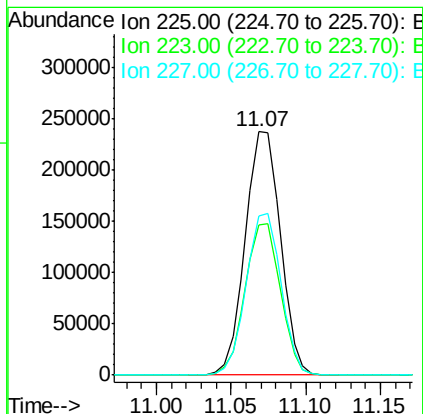
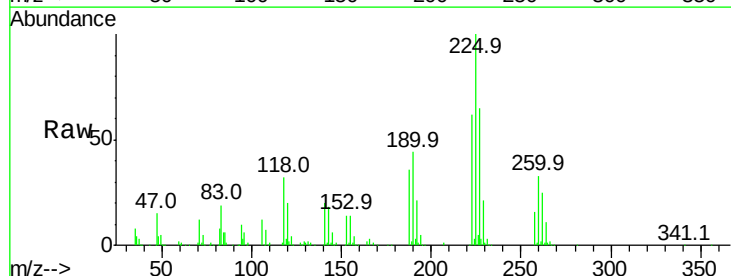
Instrument :
BNA_M
ClientSampleId :
PB99081BS

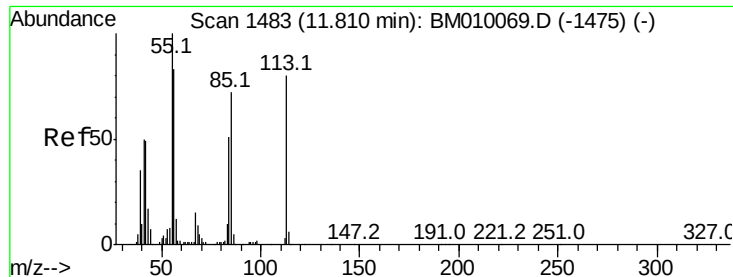
Tot Ion:	127	Resp:	225472
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.3	37.9
65	35.5	17.6	26.4
92	25.1	13.1	19.7



#34
Hexachlorobutadiene
Concen: 47.03 ng
RT: 11.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:	225	Resp:	388686
Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.9	71.9
227	65.1	50.1	75.1

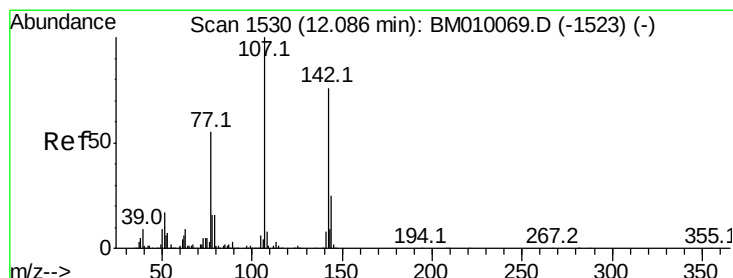
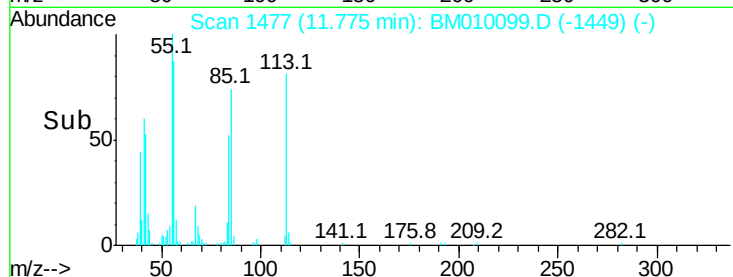
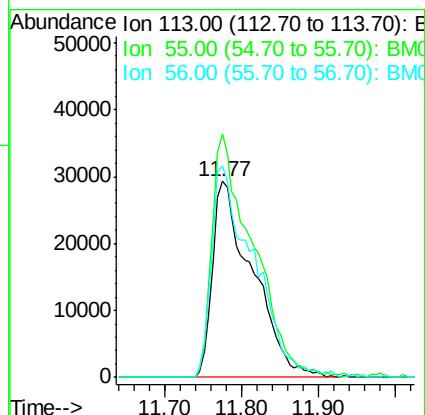
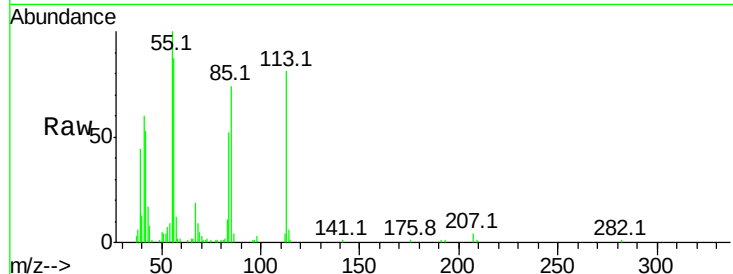




#35
 Caprolactam
 Concen: 38.22 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.04 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

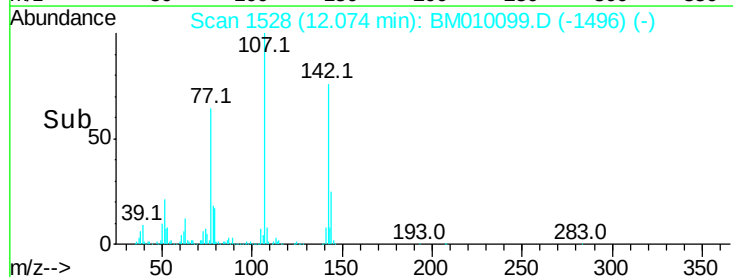
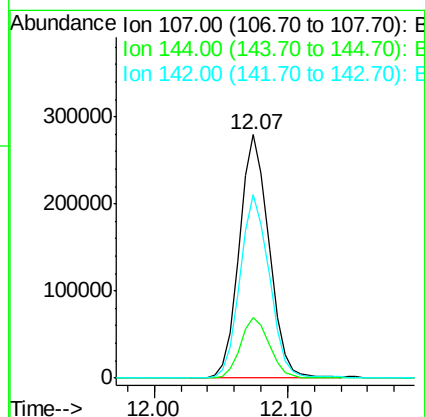
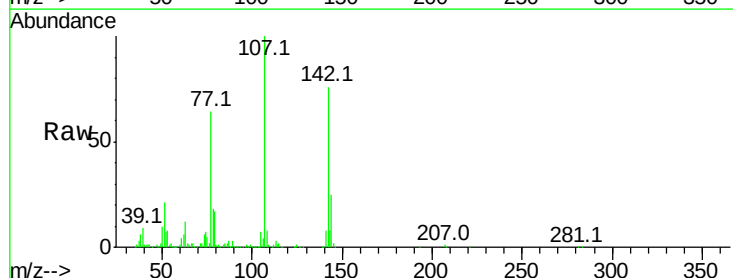
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

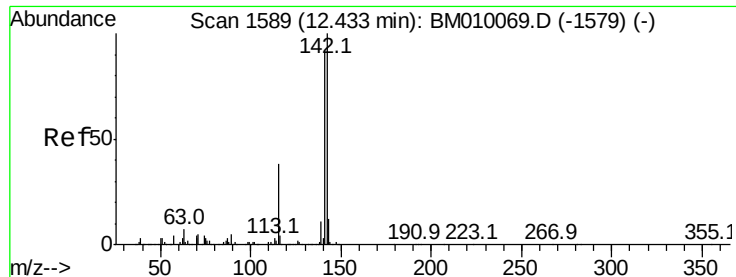
Tot Ion:113 Resp: 105021
 Ion Ratio Lower Upper
 113 100
 55 124.2 145.9 185.9#
 56 108.1 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.50 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion:107 Resp: 430390
 Ion Ratio Lower Upper
 107 100
 144 25.0 23.3 34.9
 142 75.5 72.6 109.0

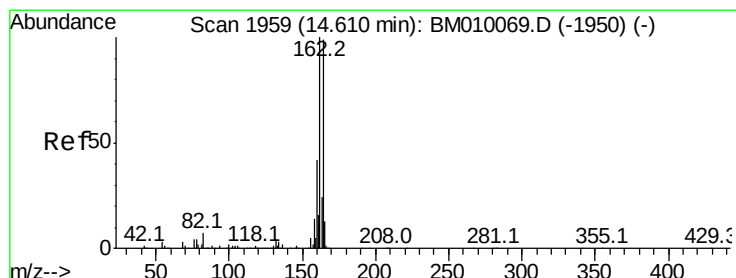
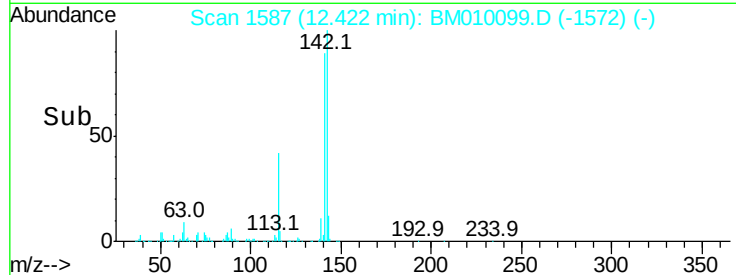
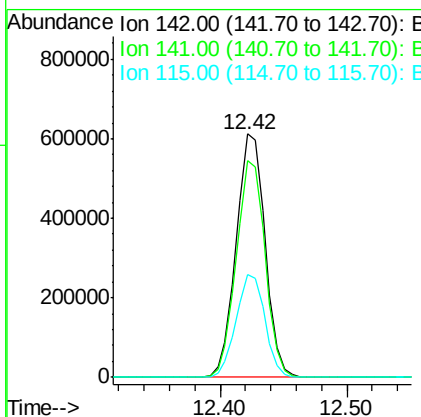
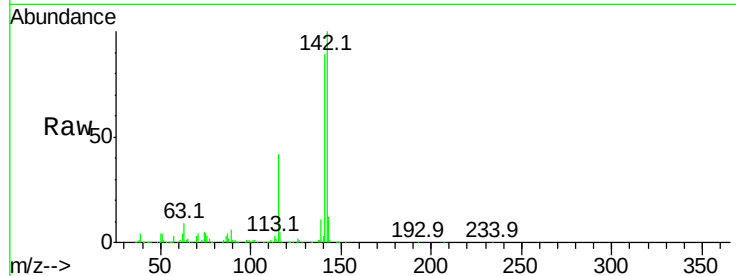




#37
 2-Methylnaphthalene
 Concen: 43.93 ng
 RT: 12.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

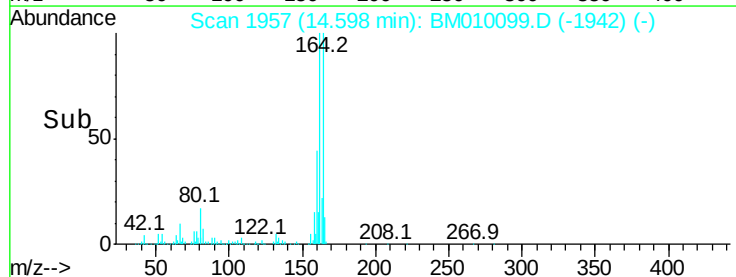
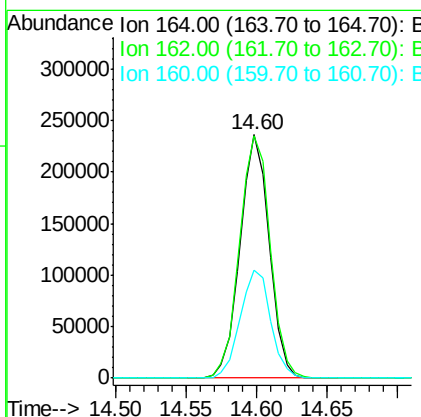
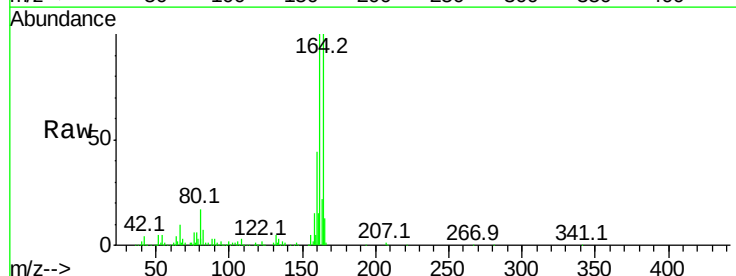
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

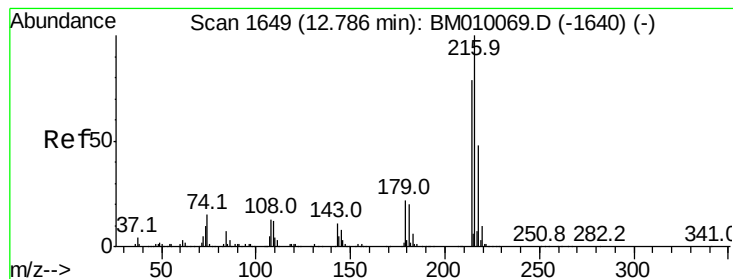
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	42.0	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	44.2	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.32 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

Tot Ion:216 Resp: 634269

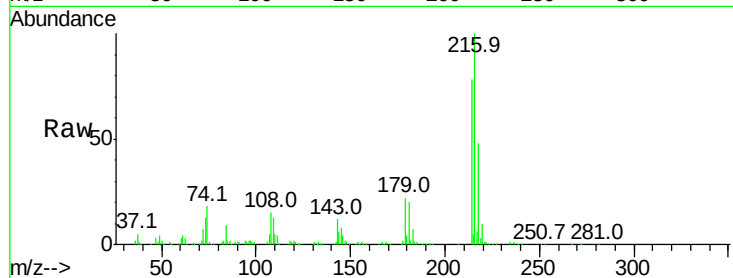
Ion Ratio Lower Upper

216 100

214 78.2 0.0 0.0#

179 21.2 0.0 0.0#

108 14.0 0.0 0.0#

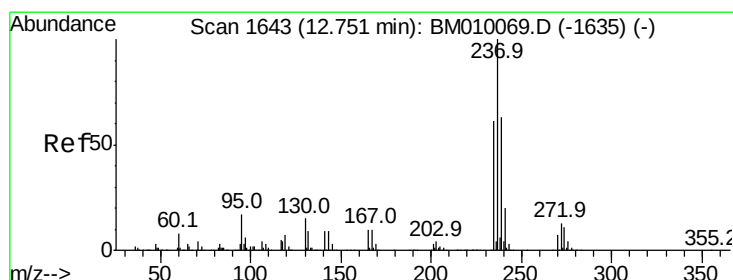
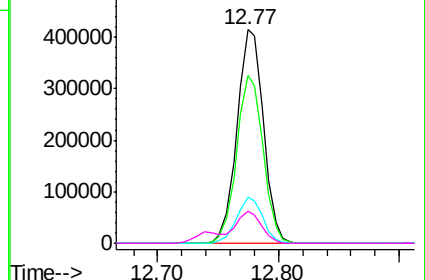
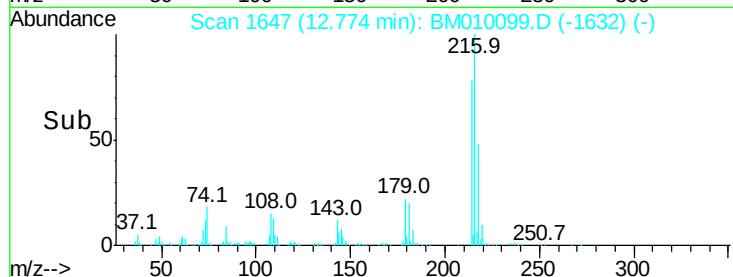


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 126.53 ng

RT: 12.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

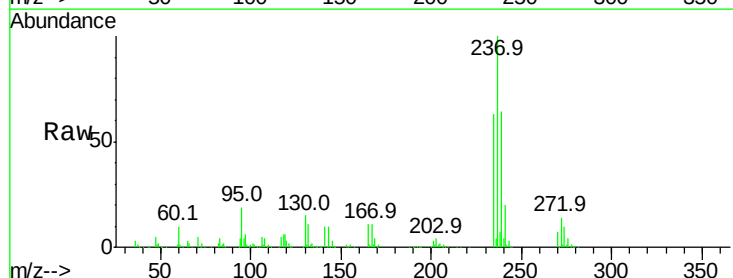
Tgt Ion:237 Resp: 959068

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

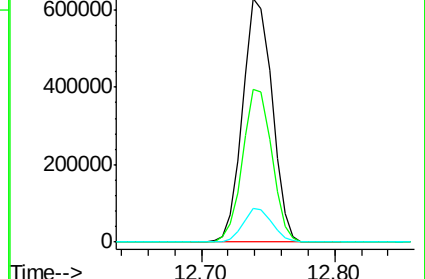
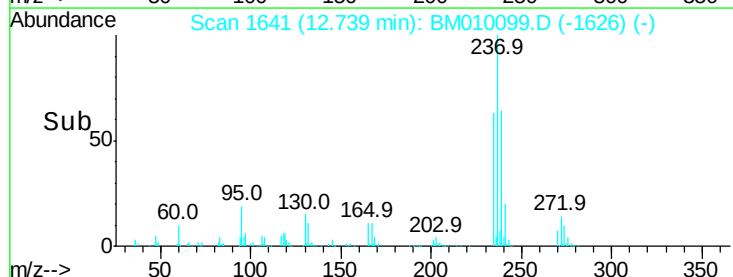
272 14.0 0.0 33.4

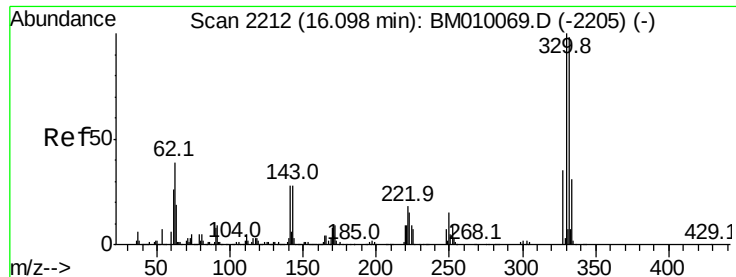


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

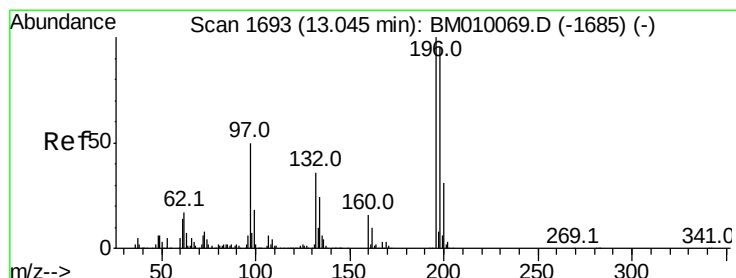
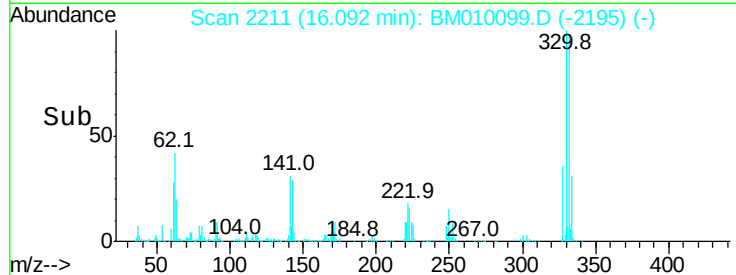
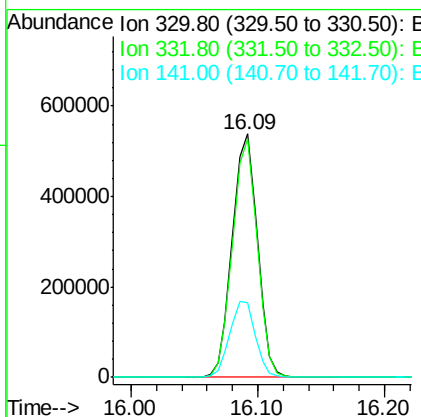
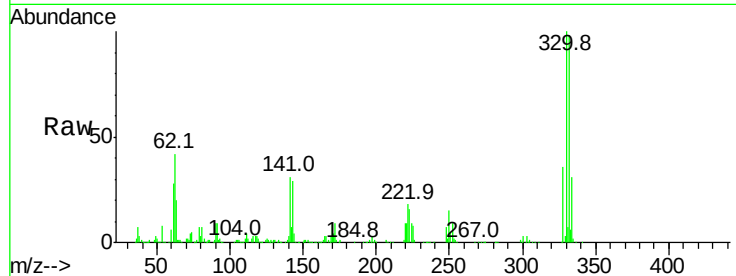




#41
 2,4,6-Tribromophenol
 Concen: 142.56 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

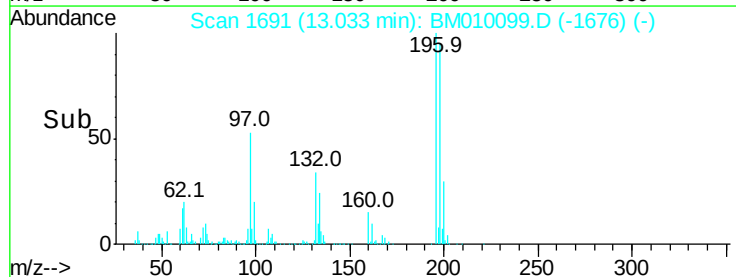
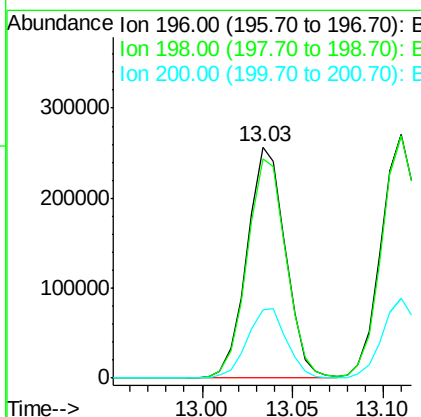
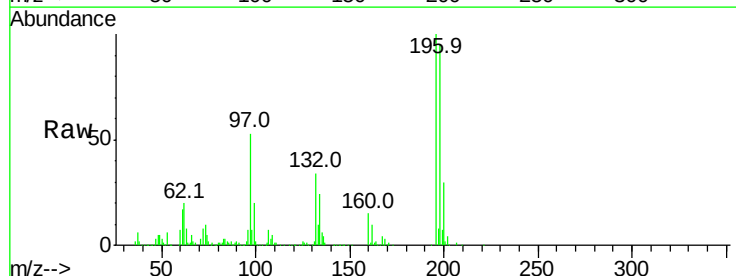
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

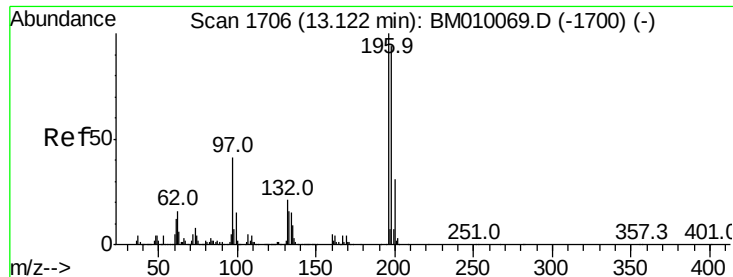
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	31.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 48.96 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
200	29.8	25.6	38.4

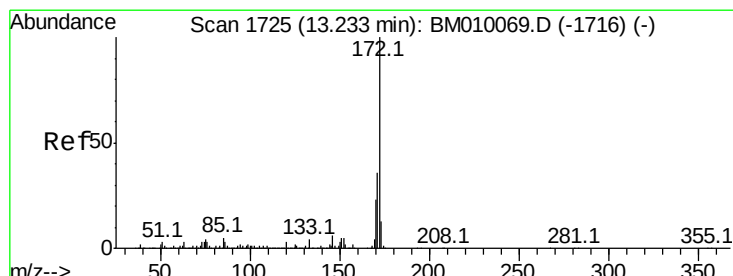
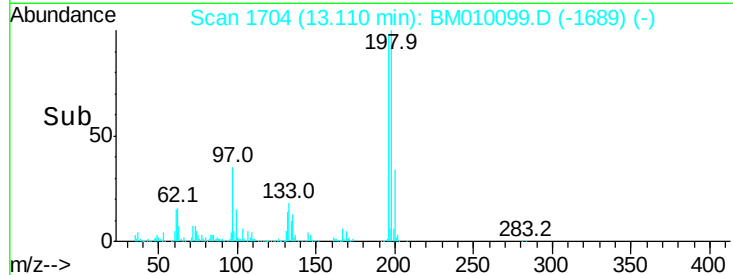
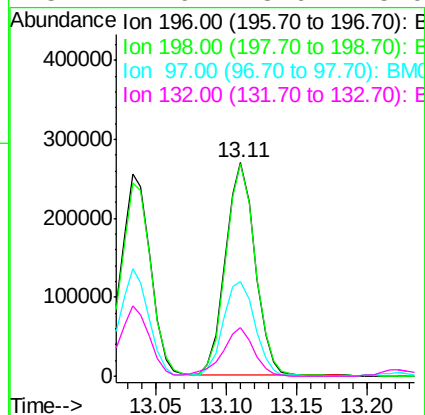
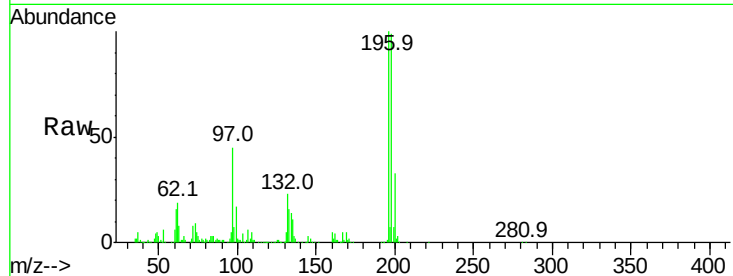




#43
 2,4,5-Trichlorophenol
 Concen: 46.21 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

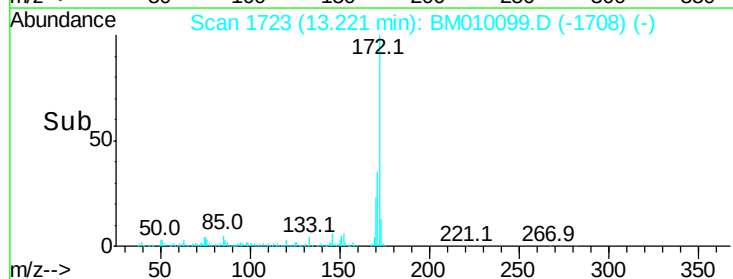
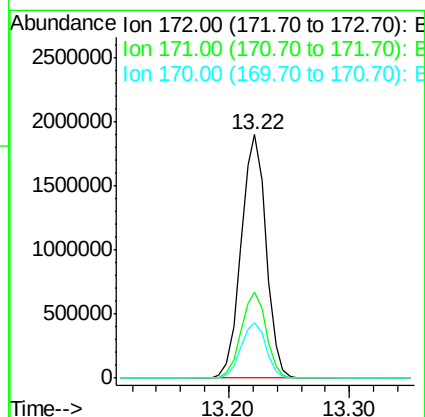
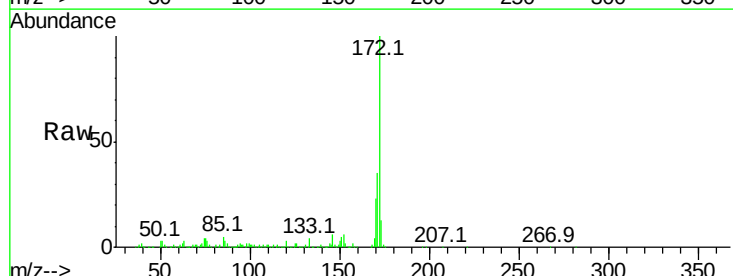
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

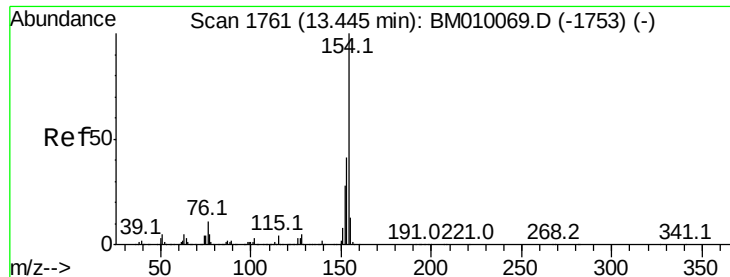
Tot Ion:	196	Resp:	394791
Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.4	119.0
97	44.6	26.8	40.2#
132	22.6	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 102.98 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion:	172	Resp:	2734454
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.0	18.8	28.2



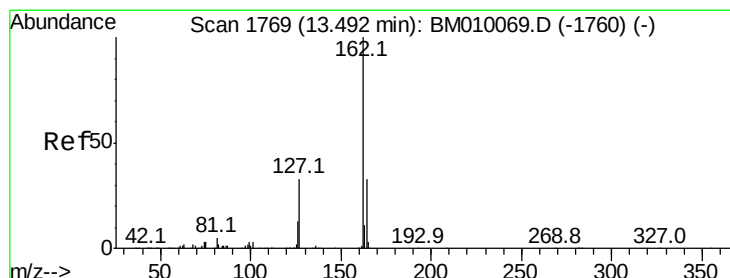
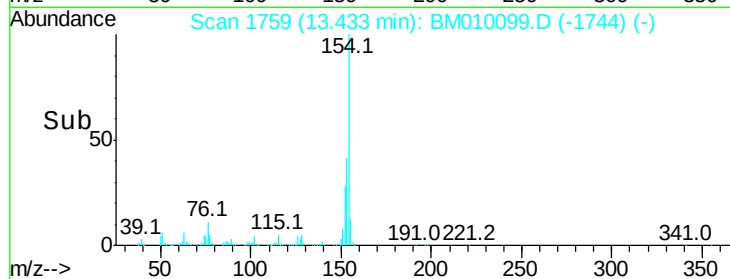
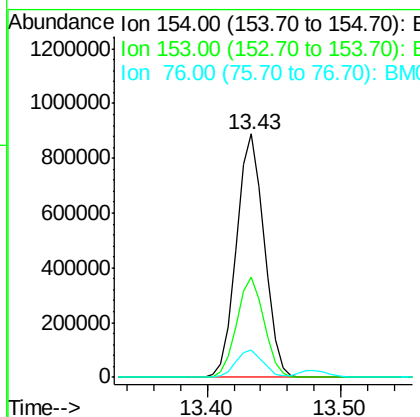
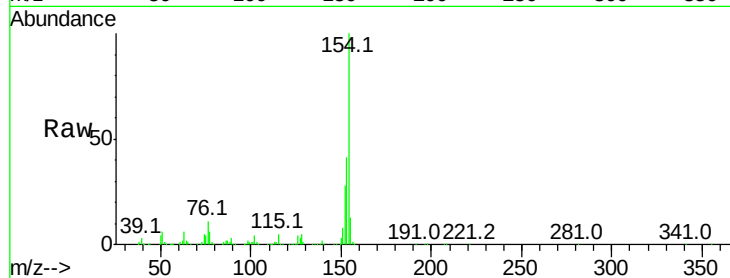


#45
 1,1'-Biphenyl
 Concen: 45.58 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

Tot Ion:154 Resp: 1279660

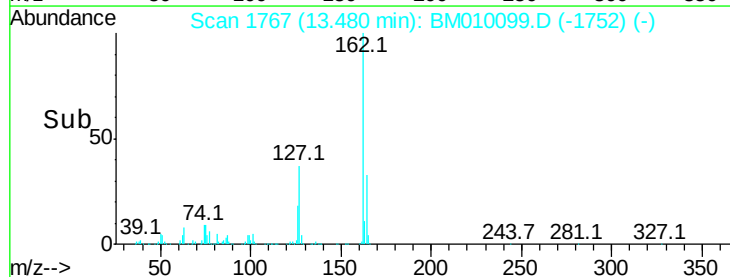
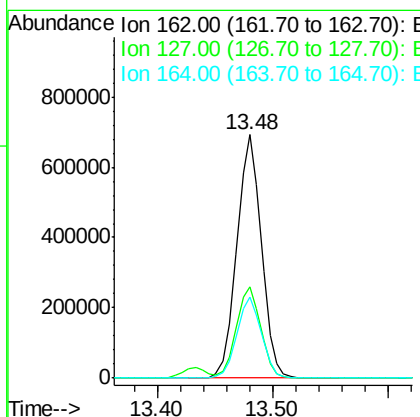
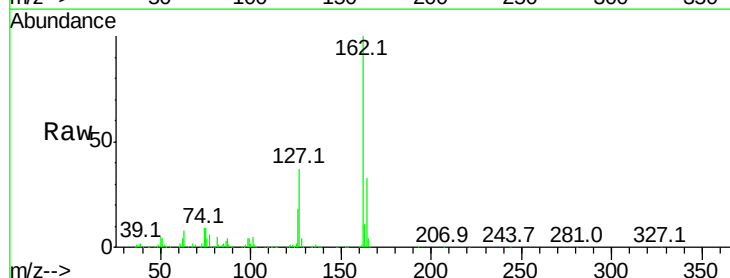
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.7	60.7
76	11.3	0.0	30.9

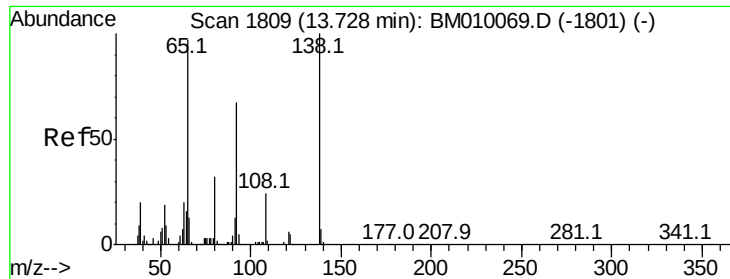


#46
 2-Chloronaphthalene
 Concen: 44.73 ng
 RT: 13.48 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion:162 Resp: 1016704

Ion	Ratio	Lower	Upper
162	100		
127	37.4	26.9	40.3
164	33.3	26.8	40.2

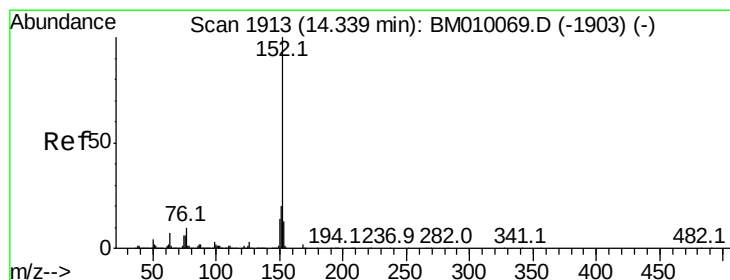
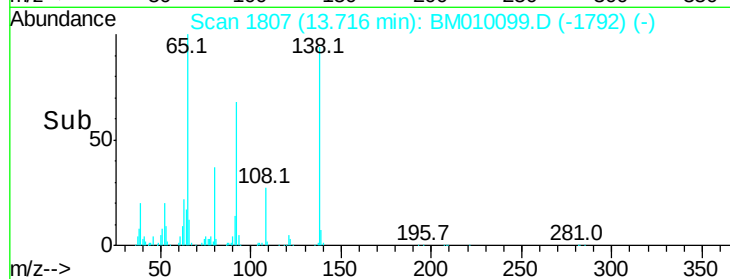
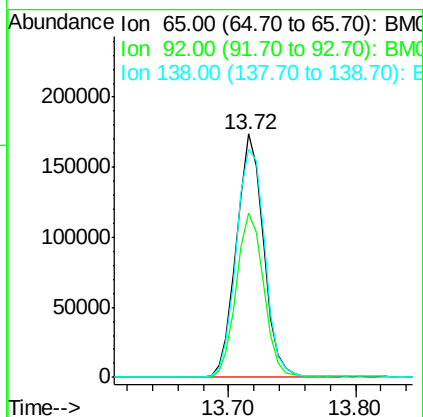
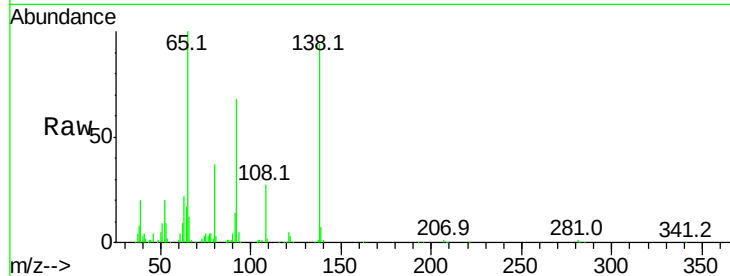




#47
2-Nitroaniline
Concen: 44.22 ng
RT: 13.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

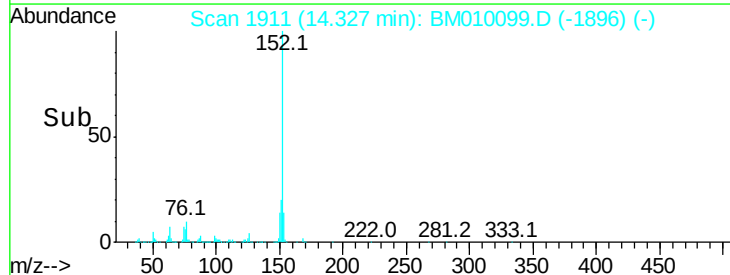
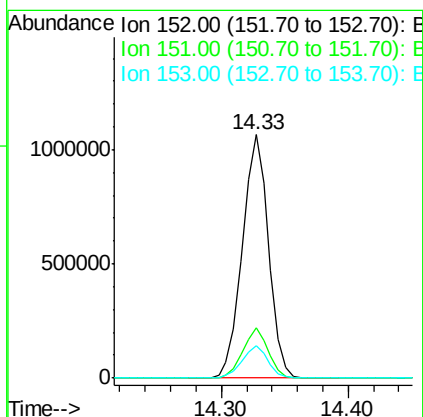
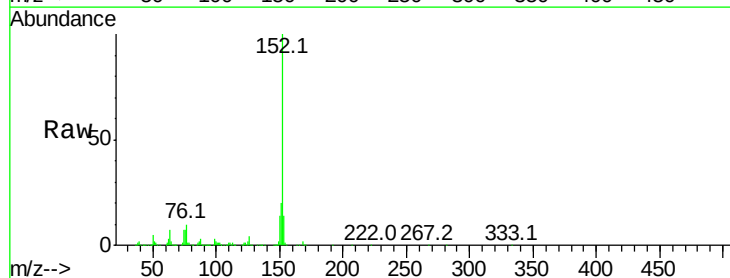
Instrument :
BNA_M
ClientSampleId :
PB99081BS

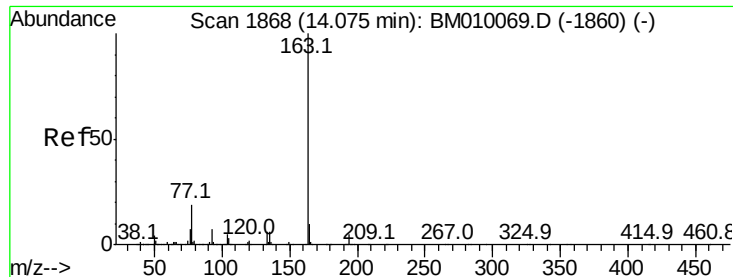
Tot Ion: 65 Resp: 258470
Ion Ratio Lower Upper
65 100
92 67.6 59.1 88.7
138 94.0 93.9 140.9



#48
Acenaphthylene
Concen: 45.30 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion: 152 Resp: 1522411
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 10.6 16.0

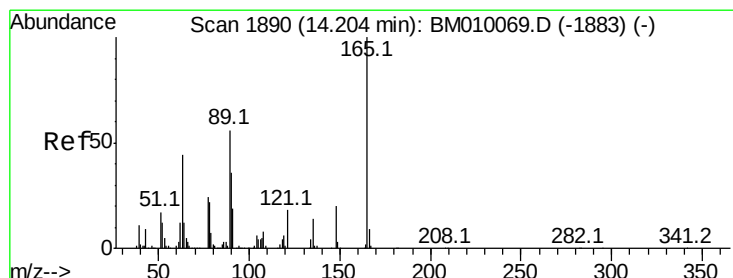
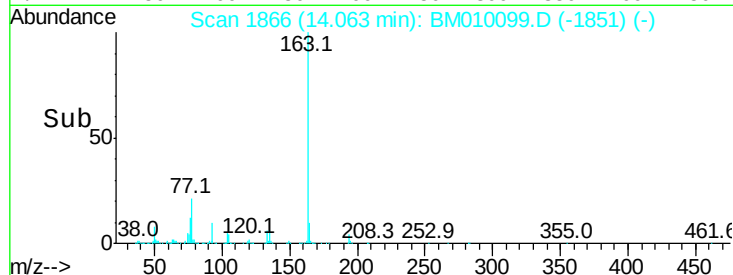
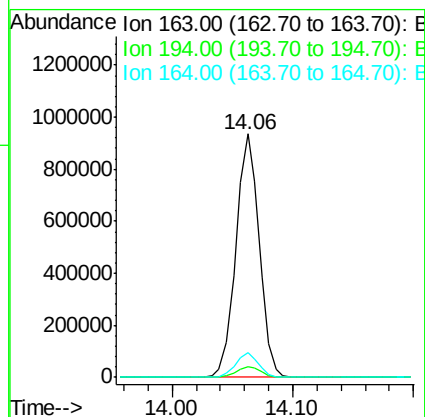
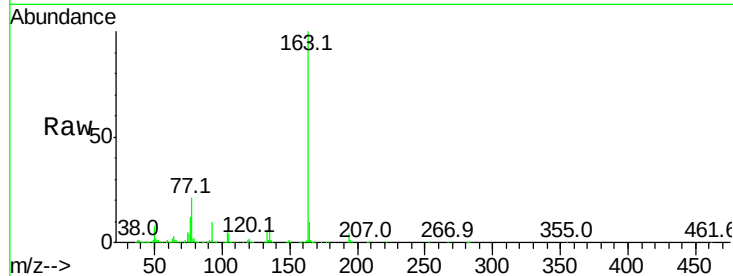




#49
Dimethylphthalate
Concen: 41.26 ng
RT: 14.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

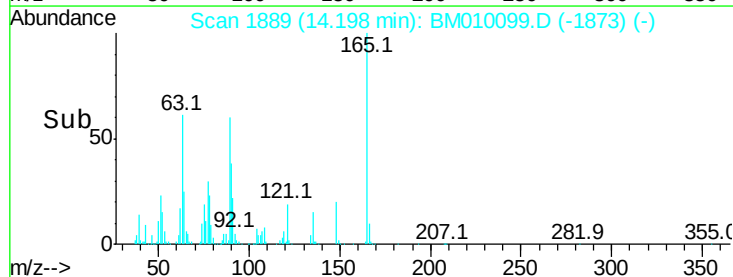
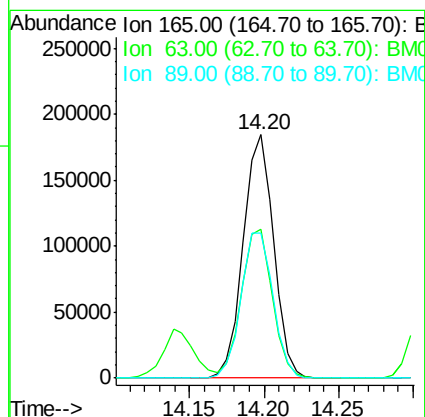
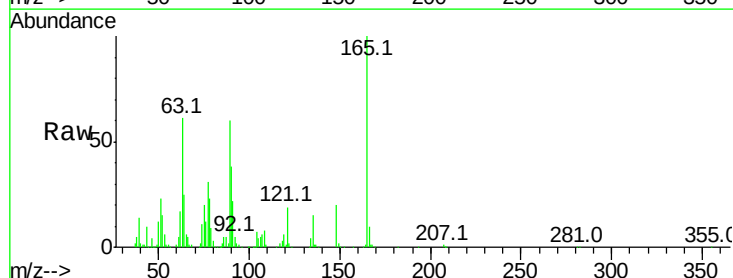
Instrument :
BNA_M
ClientSampleId :
PB99081BS

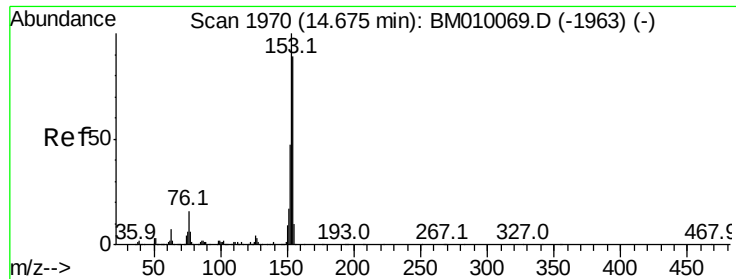
Tot Ion:163 Resp: 1256450
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.10 ng
RT: 14.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:165 Resp: 260760
Ion Ratio Lower Upper
165 100
63 61.1 44.1 66.1
89 59.8 44.3 66.5





#51

Acenaphthene

Concen: 44.55 ng

RT: 14.66 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

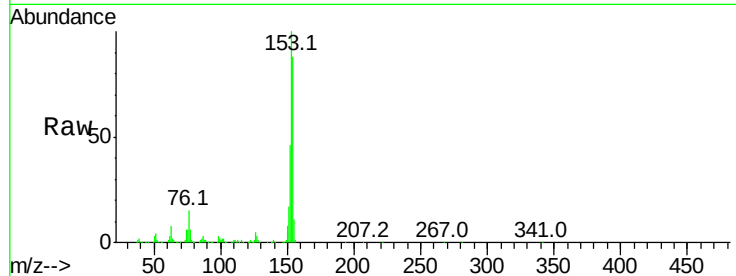
Tot Ion:154 Resp: 930672

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

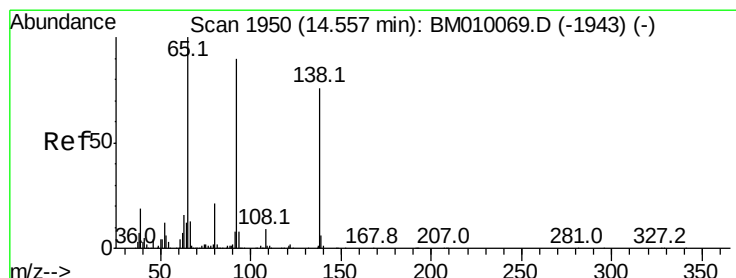
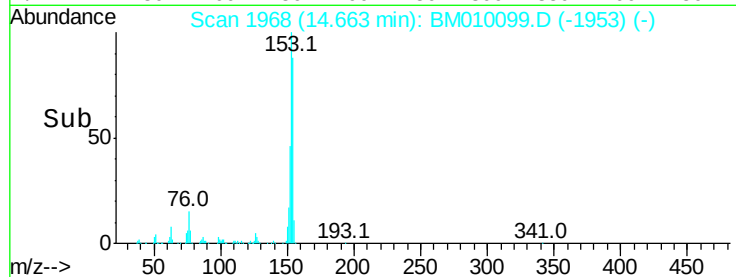
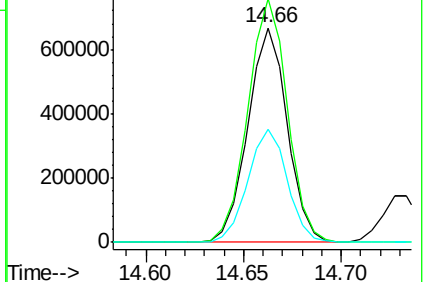
152 52.7 42.6 63.8



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: 37.64 ng

RT: 14.54 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

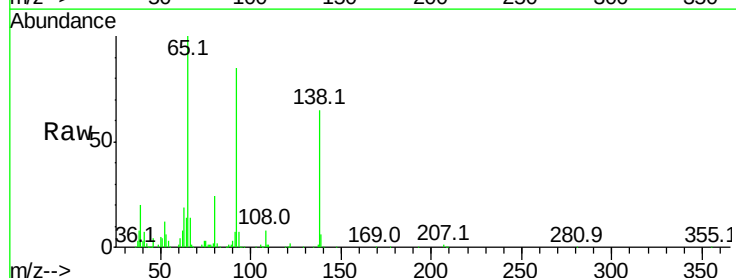
Tgt Ion:138 Resp: 202258

Ion Ratio Lower Upper

138 100

108 12.7 7.3 10.9#

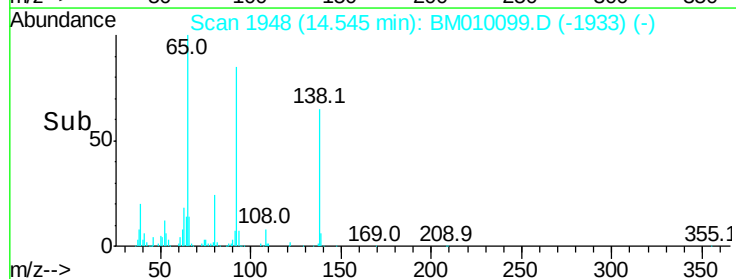
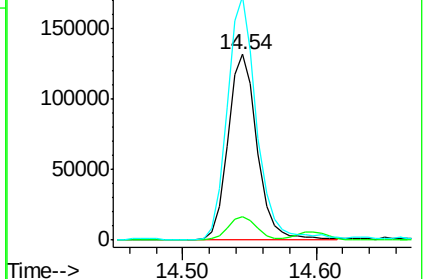
92 130.9 76.6 114.8#

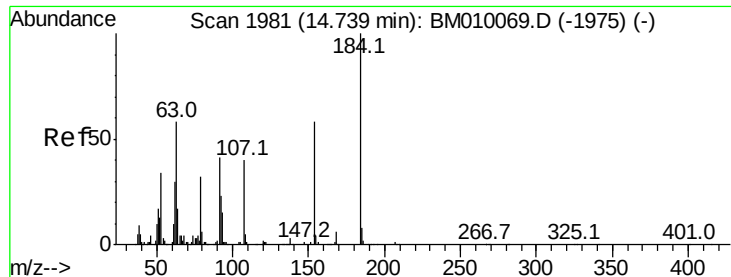


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0

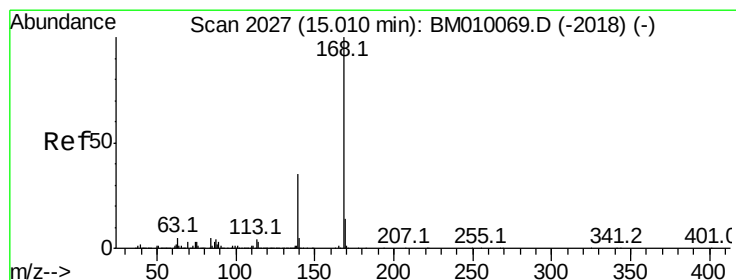
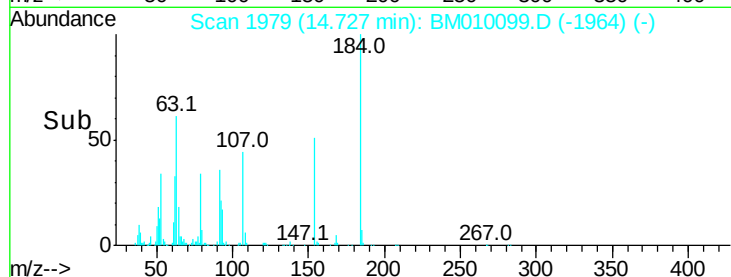
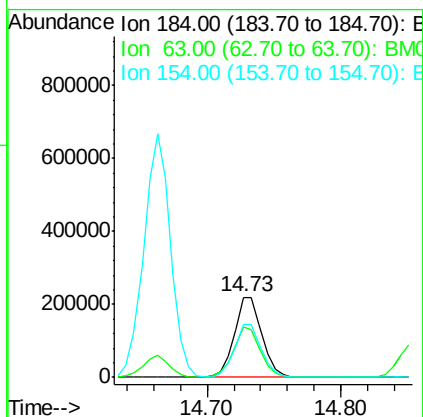
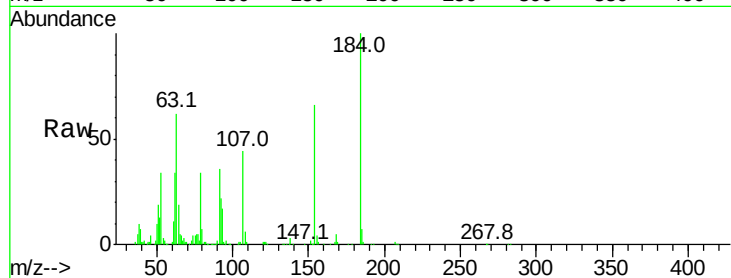




#53
2,4-Dinitrophenol
Concen: 82.22 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

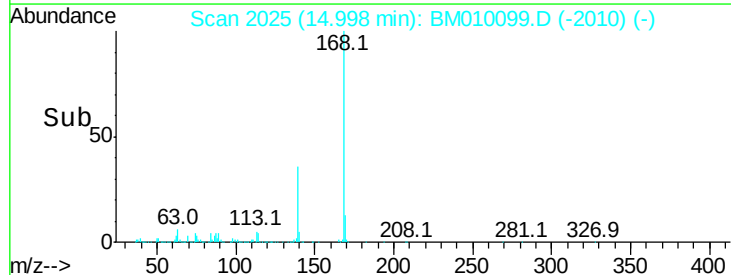
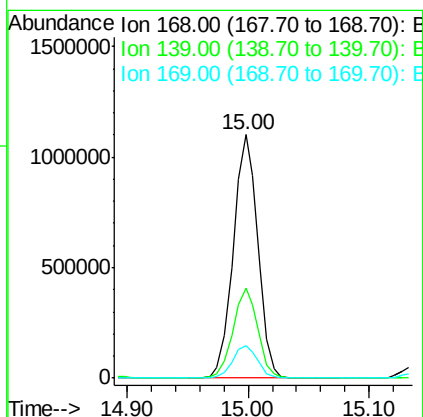
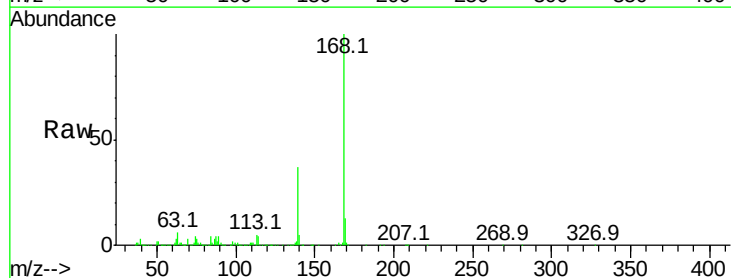
Instrument :
BNA_M
ClientSampleId :
PB99081BS

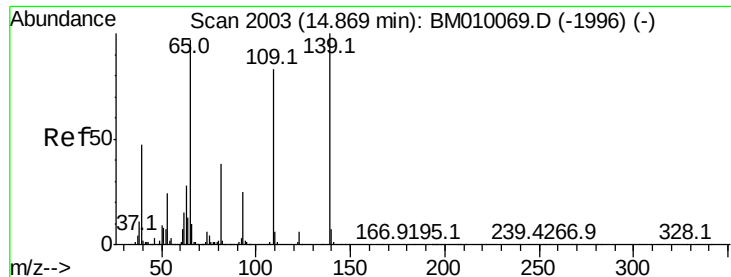
Tot Ion:184 Resp: 316610
Ion Ratio Lower Upper
184 100
63 62.5 69.2 103.8#
154 65.8 53.3 79.9



#54
Dibenzofuran
Concen: 47.25 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:168 Resp: 1552444
Ion Ratio Lower Upper
168 100
139 36.8 27.3 40.9
169 13.4 10.6 16.0

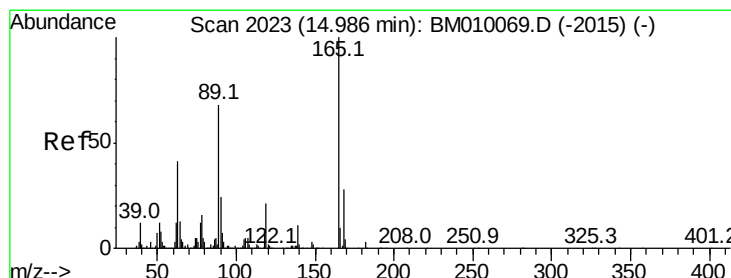
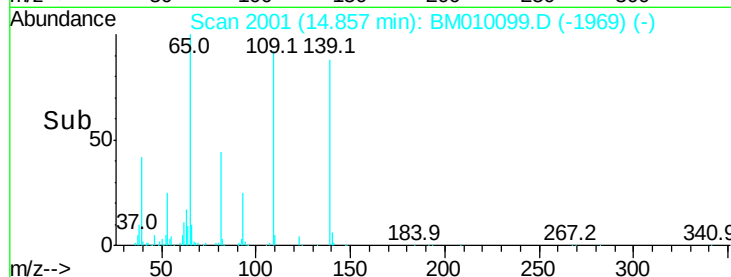
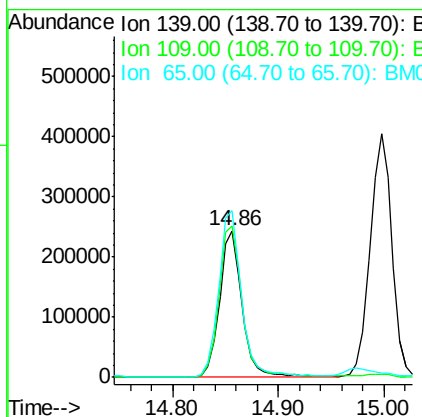
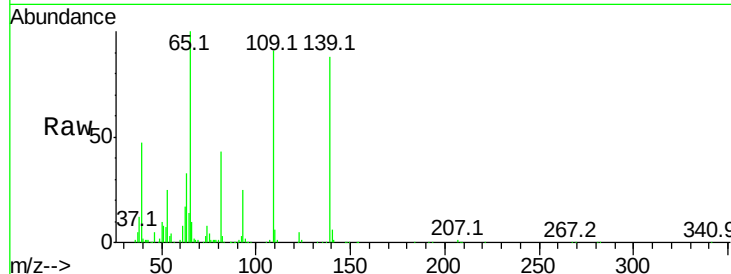




#55
4-Nitrophenol
Concen: 84.39 ng
RT: 14.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

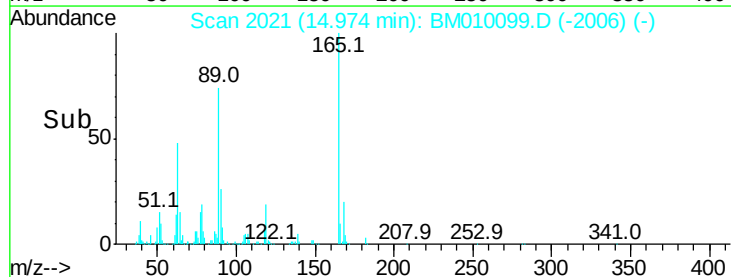
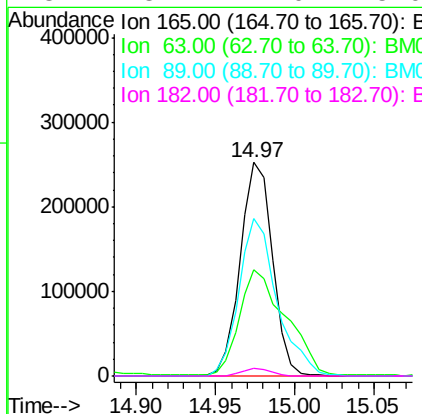
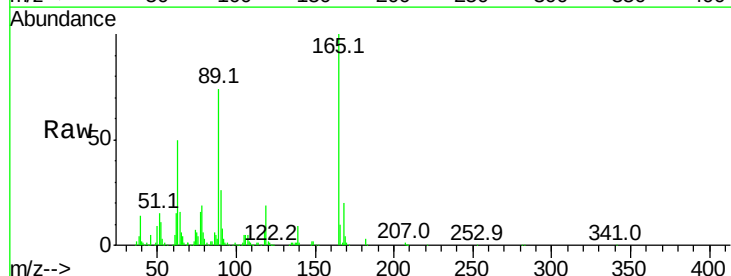
Instrument :
BNA_M
ClientSampleId :
PB99081BS

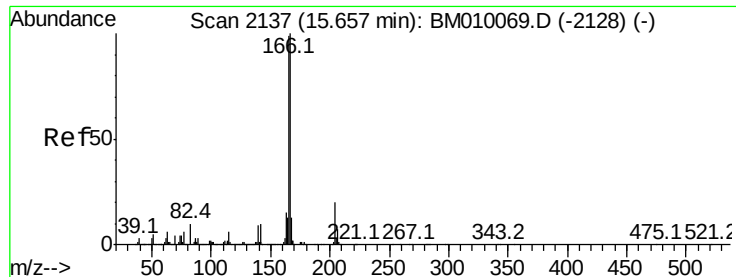
Tot Ion:139 Resp: 364983
Ion Ratio Lower Upper
139 100
109 103.5 37.7 77.7#
65 113.4 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 43.62 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion:165 Resp: 356853
Ion Ratio Lower Upper
165 100
63 49.9 52.4 78.6#
89 74.0 72.4 108.6
182 3.4 2.0 3.0#





#57

Fluorene

Concen: 43.70 ng

RT: 15.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

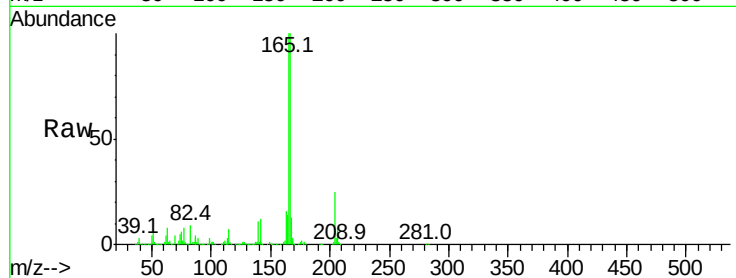
BNA_M

ClientSampleId :

PB99081BS

Tot Ion:166 Resp: 1248454

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.4
167	13.0	10.3	15.5

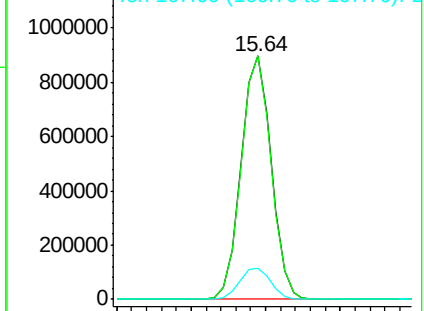


Abundance

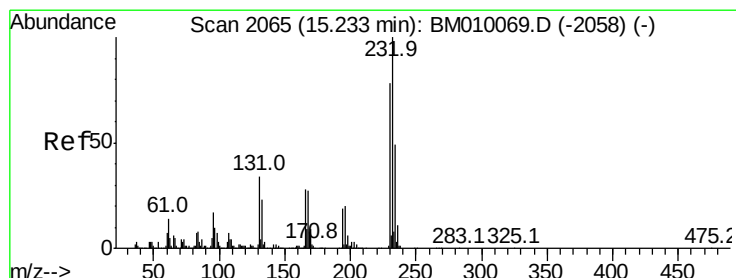
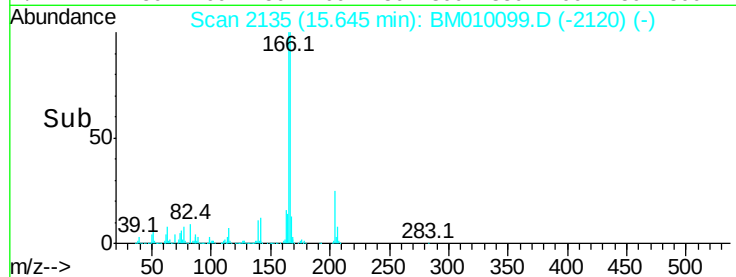
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.55 15.60 15.65 15.70



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.02 ng

RT: 15.22 min Scan# 2063

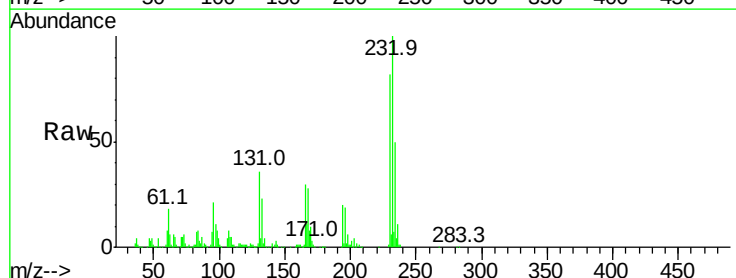
Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Tgt Ion:232 Resp: 364012

Ion	Ratio	Lower	Upper
232	100		
131	37.9	0.0	0.0#
130	2.4	0.0	0.0#
166	29.8	0.0	0.0#



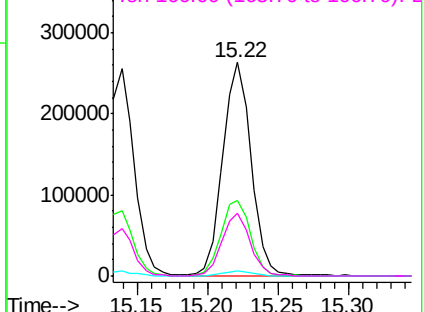
Abundance

Ion 232.00 (231.70 to 232.70): E

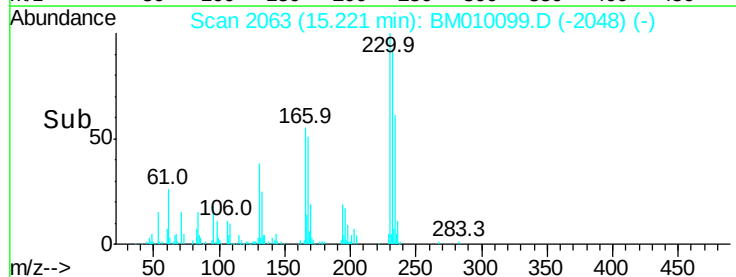
Ion 131.00 (130.70 to 131.70): E

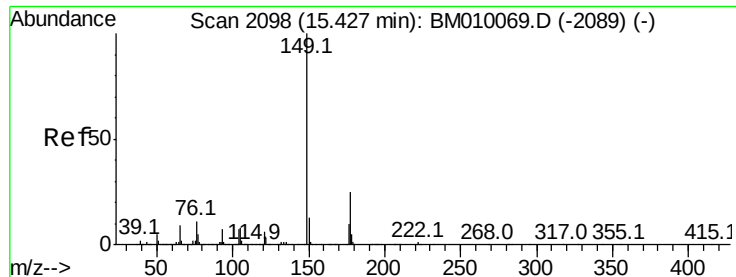
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 15.15 15.20 15.25 15.30





#59

Diethylphthalate

Concen: 40.78 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

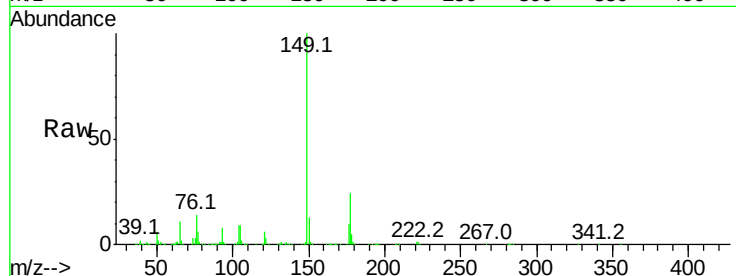
BNA_M

ClientSampleId :

PB99081BS

Tot Ion:149 Resp: 1174167

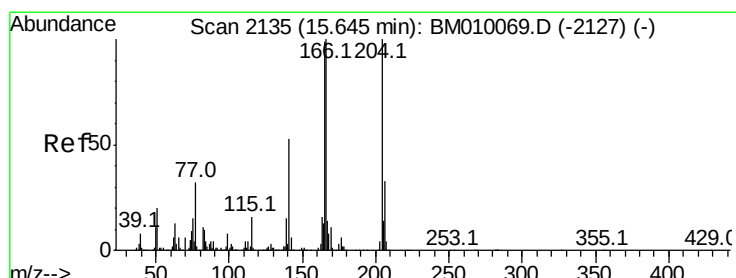
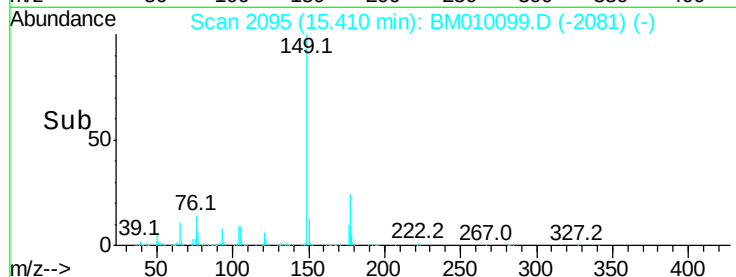
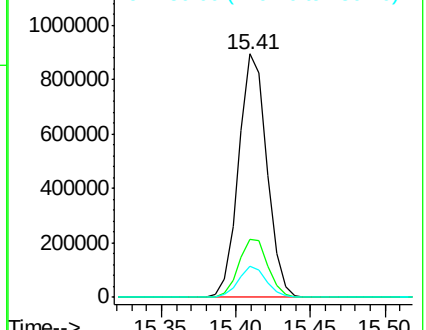
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.5	9.8	14.8



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: 44.40 ng

RT: 15.63 min Scan# 2133

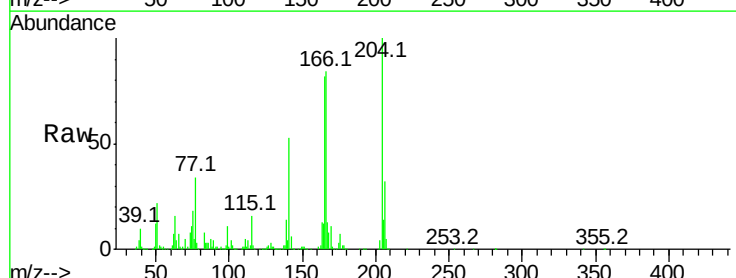
Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Tgt Ion:204 Resp: 712131

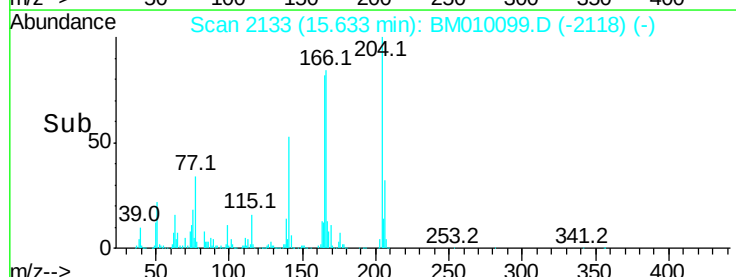
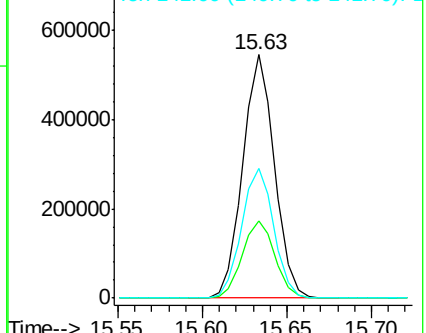
Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.6	39.8
141	53.3	45.2	67.8

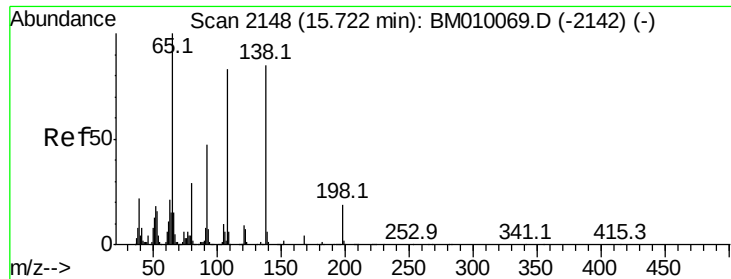


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

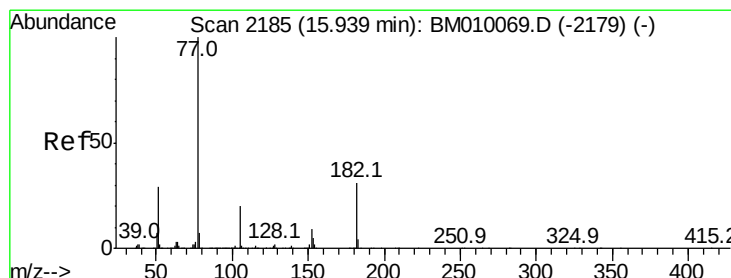
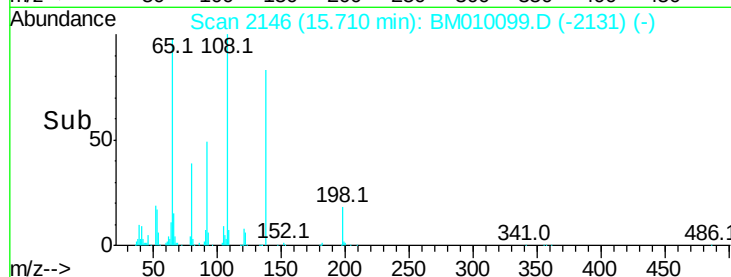
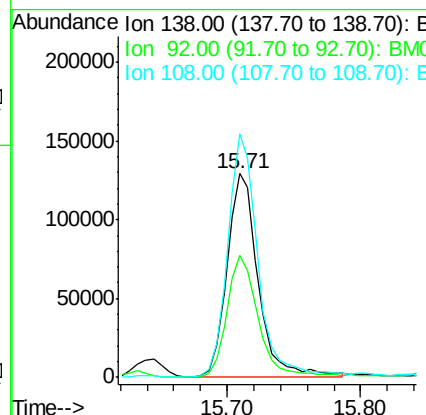
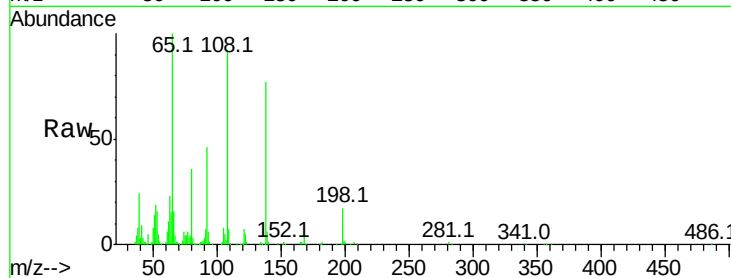




#61
4-Nitroaniline
Concen: 38.97 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

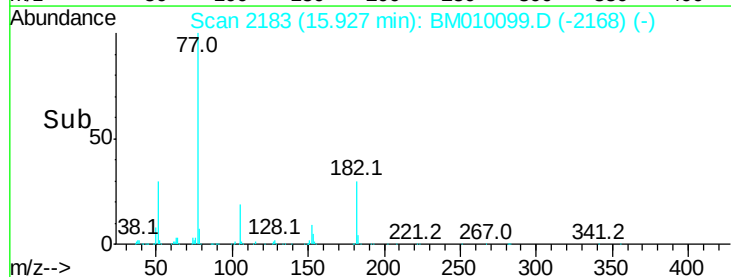
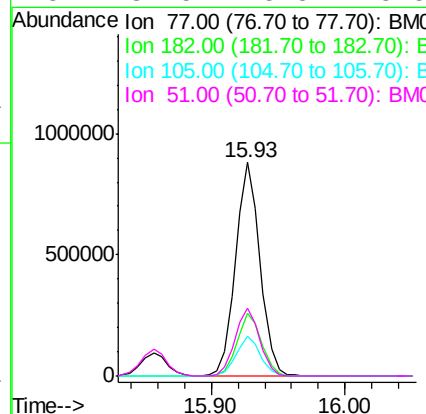
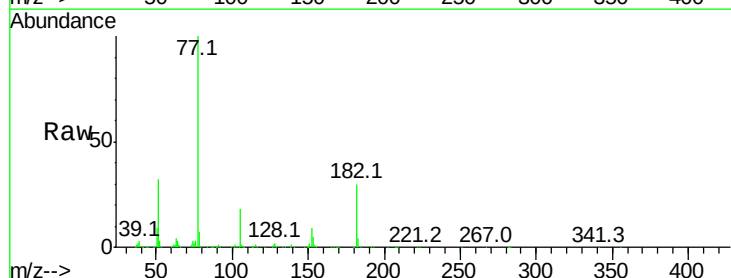
Instrument :
BNA_M
ClientSampleId :
PB99081BS

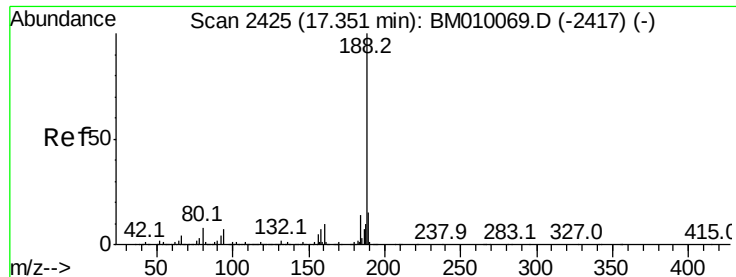
Tot Ion:138 Resp: 212581
Ion Ratio Lower Upper
138 100
92 59.7 16.7 56.7#
108 119.6 37.6 77.6#



#62
Azobenzene
Concen: 53.02 ng
RT: 15.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion: 77 Resp: 1122403
Ion Ratio Lower Upper
77 100
182 29.5 6.5 46.5
105 18.4 3.8 43.8
51 31.5 5.5 45.5

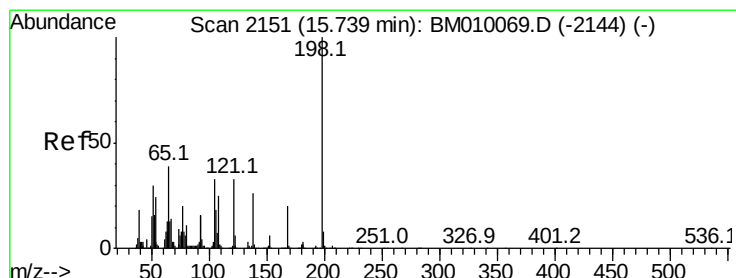
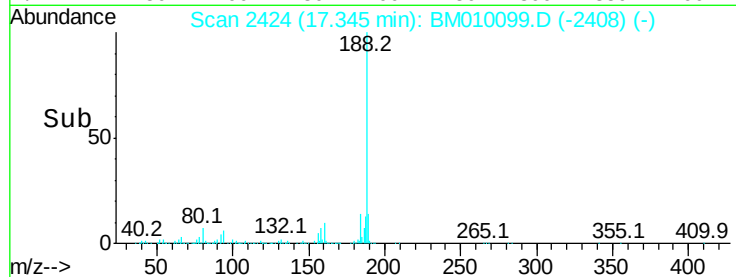
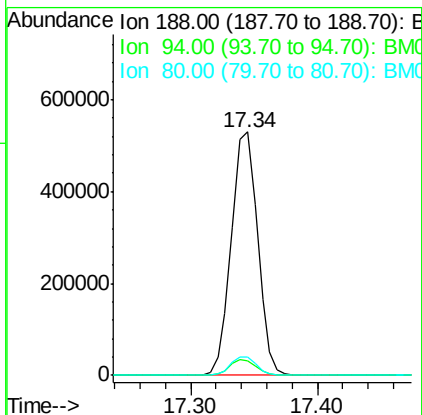
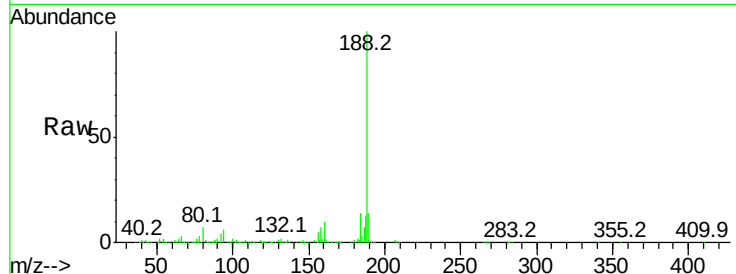




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

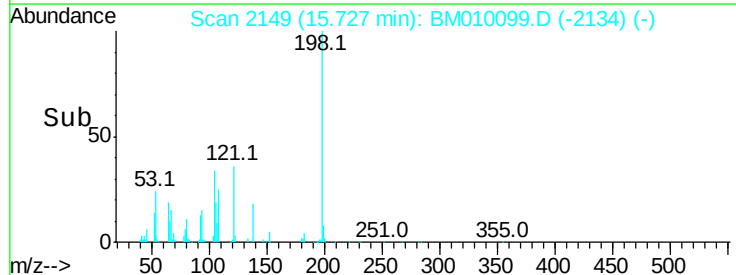
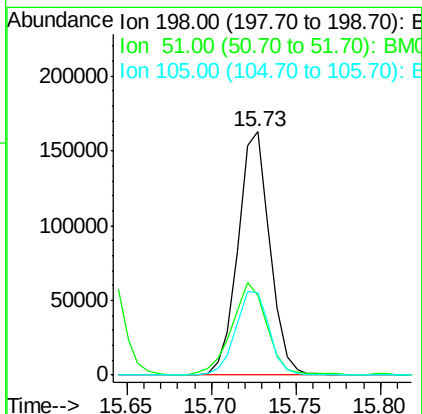
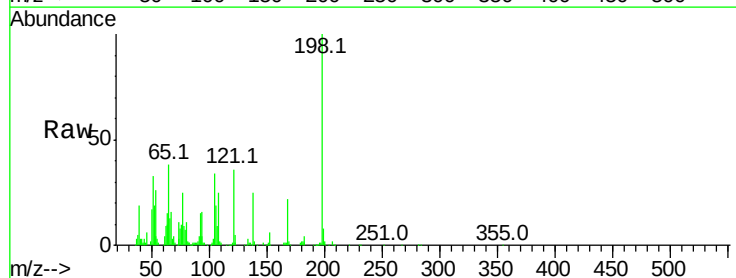
Instrument :
BNA_M
ClientSampleId :
PB99081BS

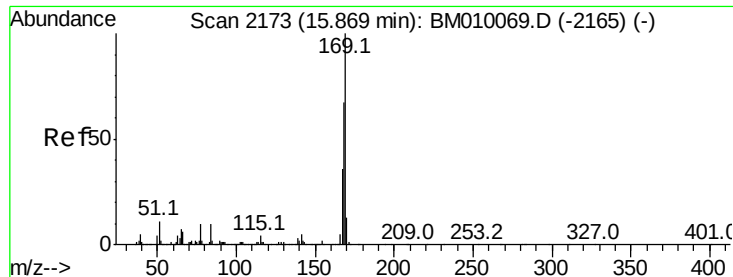
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	7.3	9.3	13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.83 ng
RT: 15.73 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM010099.D
Acq: 22 May 2017 13:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.0	28.8	68.8
105	33.6	30.5	70.5

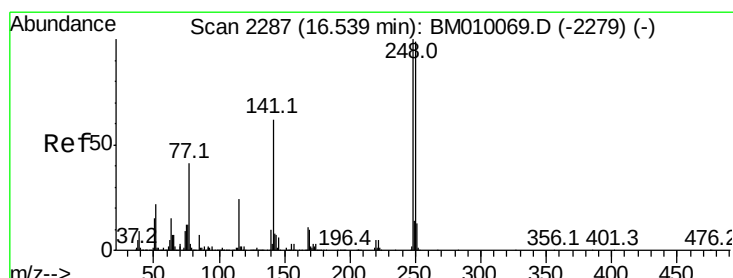
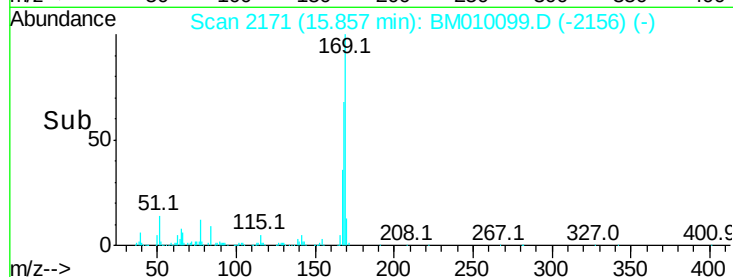
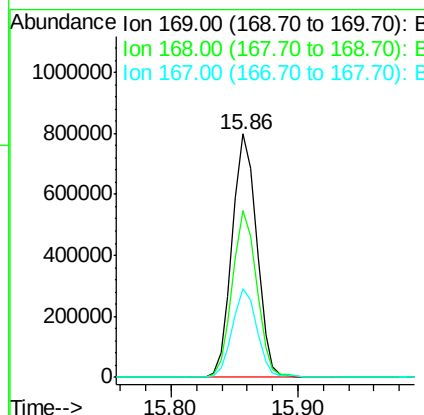
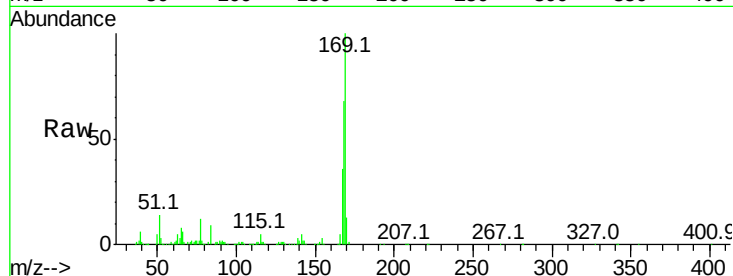




#65
 n-Nitrosodiphenylamine
 Concen: 46.72 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

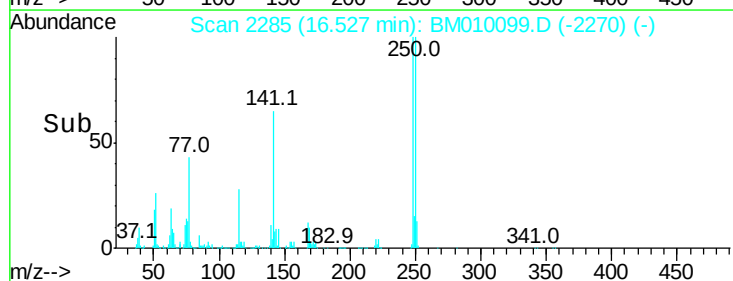
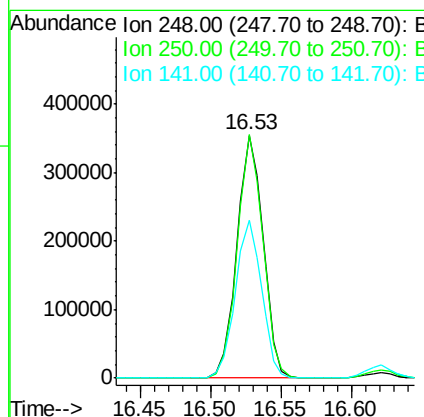
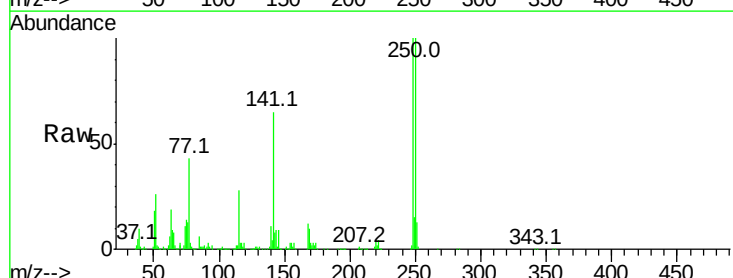
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

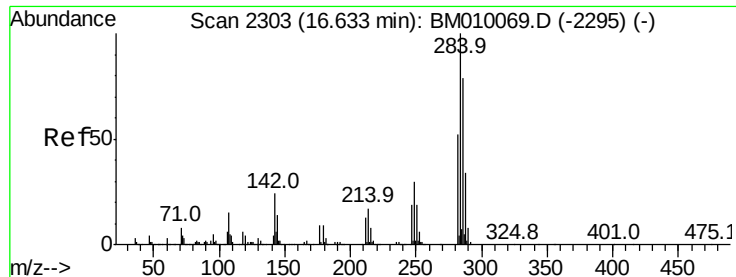
Tot Ion:169 Resp: 1067676
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.9 80.9
 167 36.5 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.12 ng
 RT: 16.53 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion:248 Resp: 459941
 Ion Ratio Lower Upper
 248 100
 250 100.3 77.4 116.0
 141 65.0 45.2 67.8





#67

Hexachlorobenzene

Concen: 44.14 ng

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

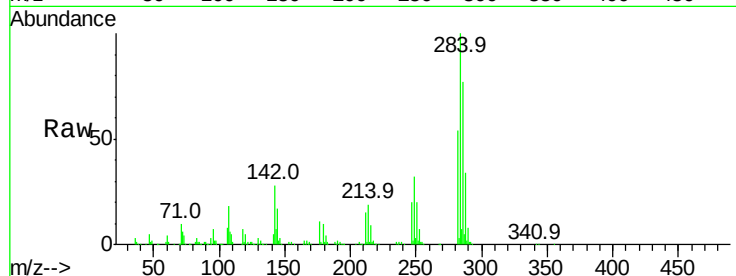
Tot Ion:284 Resp: 523476

Ion Ratio Lower Upper

284 100

142 27.9 20.4 30.6

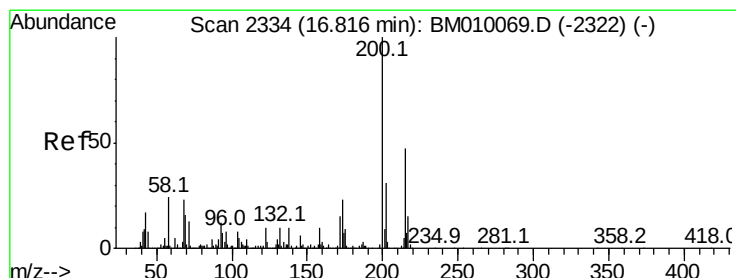
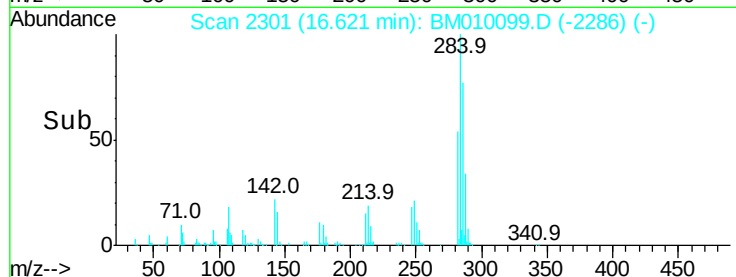
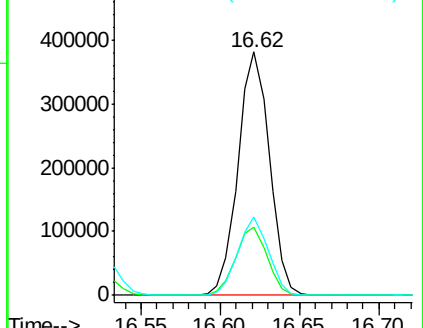
249 32.3 23.8 35.6



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: 48.20 ng

RT: 16.80 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

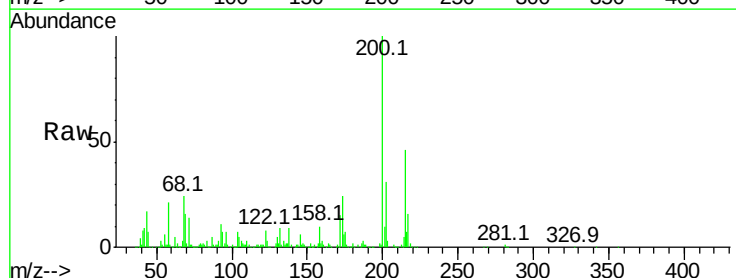
Tgt Ion:200 Resp: 417582

Ion Ratio Lower Upper

200 100

173 23.5 4.8 44.8

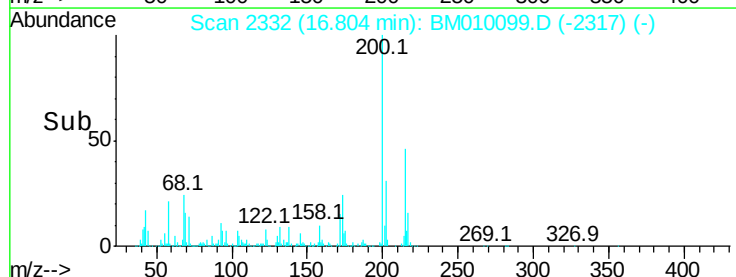
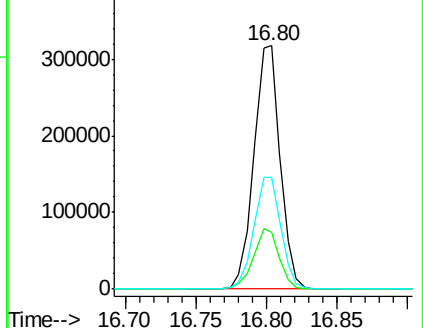
215 45.7 26.9 66.9

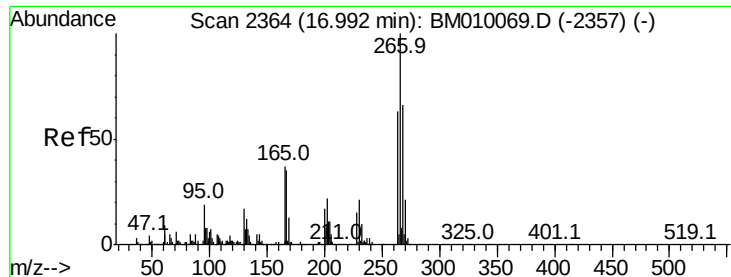


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.25 ng

RT: 16.99 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

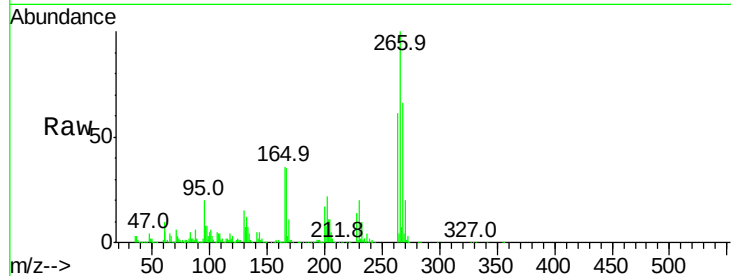
Tot Ion:266 Resp: 620419

Ion Ratio Lower Upper

266 100

268 65.6 52.0 78.0

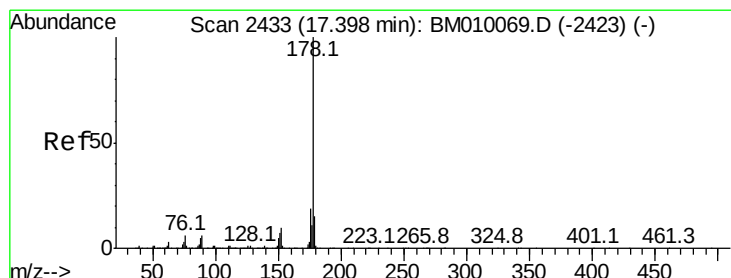
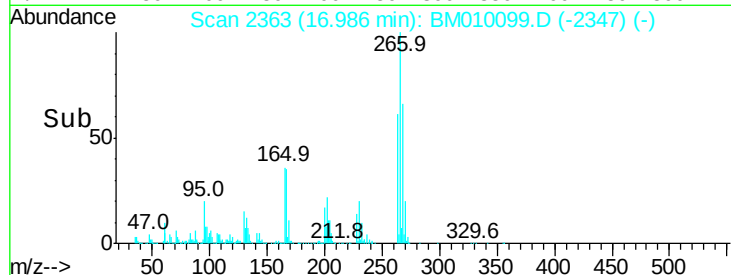
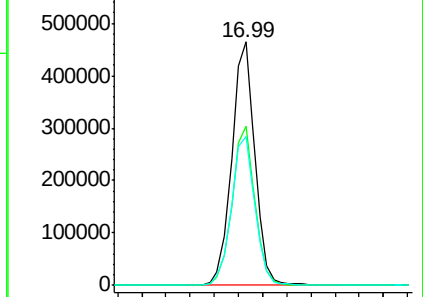
264 61.2 49.0 73.4



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: 46.13 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

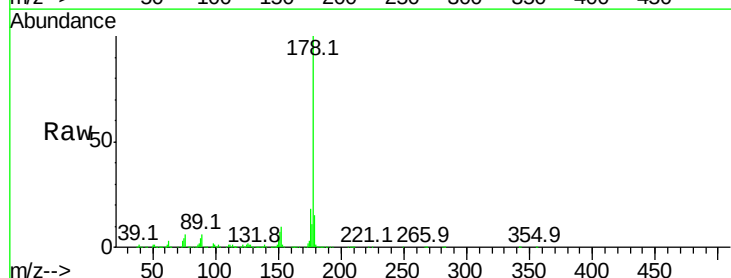
Tgt Ion:178 Resp: 1967724

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

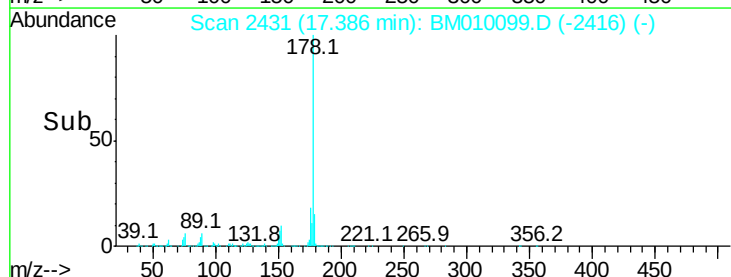
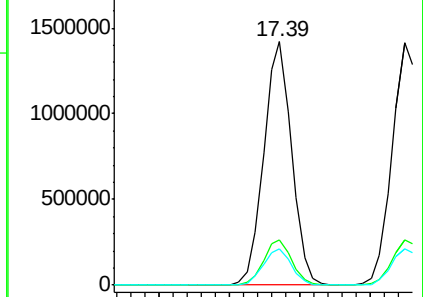
179 15.0 12.1 18.1

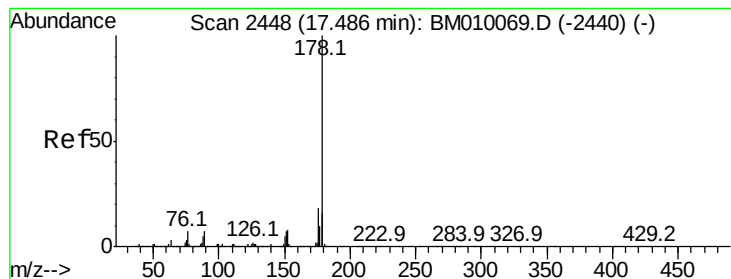


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.10 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

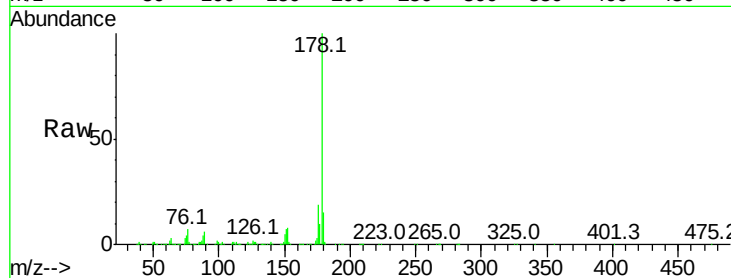
Tot Ion:178 Resp: 1993921

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.6	19.0

178 100

176 18.6 14.6 22.0

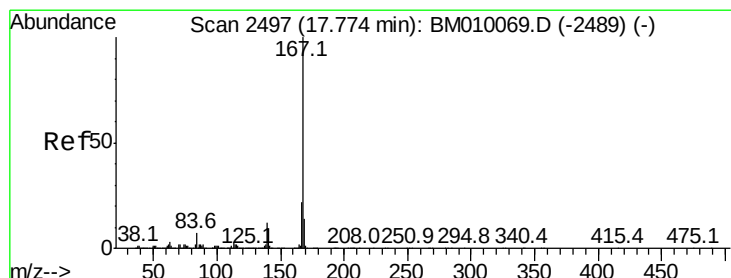
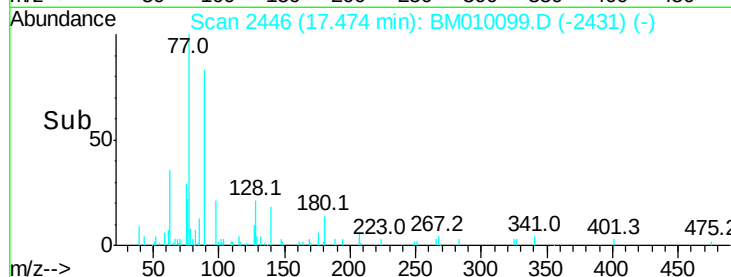
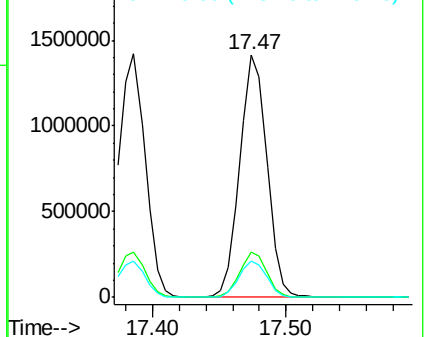
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.97 ng

RT: 17.76 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

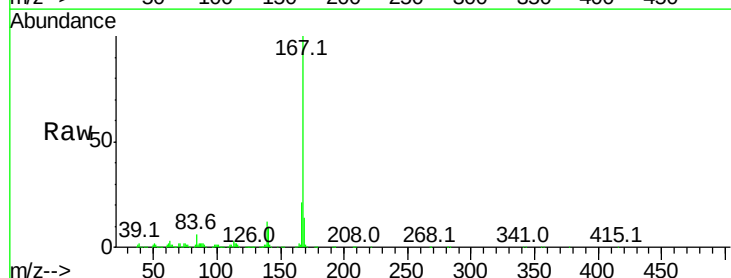
Tgt Ion:167 Resp: 1723100

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	11.9	10.8	16.2

167 100

166 21.1 17.2 25.8

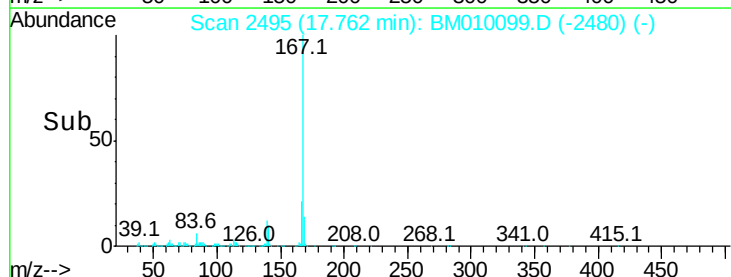
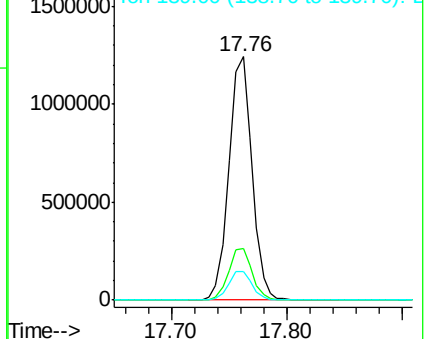
139 11.9 10.8 16.2

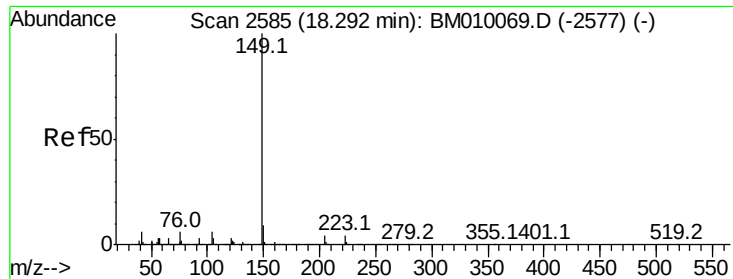


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.06 ng

RT: 18.28 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

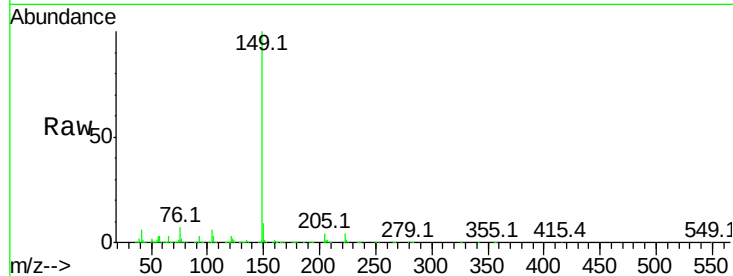
Tot Ion:149 Resp: 1869039

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

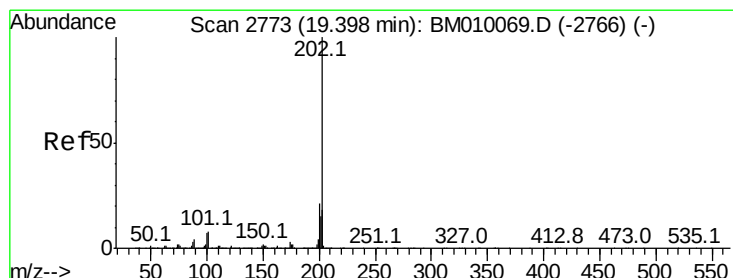
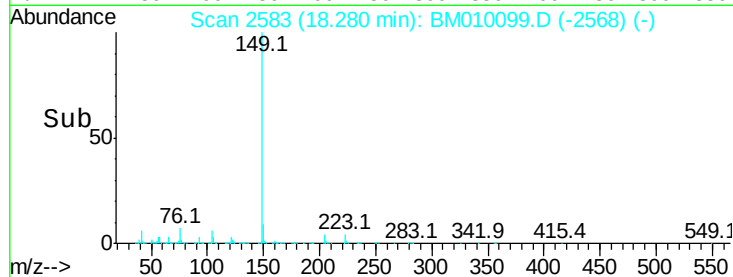
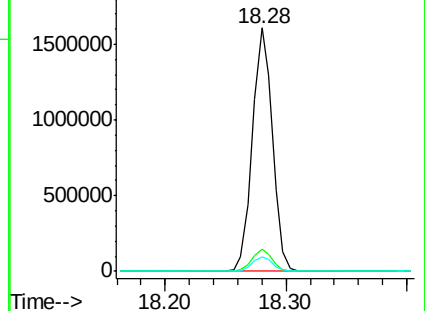
104 6.0 3.7 5.5#



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: 44.25 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

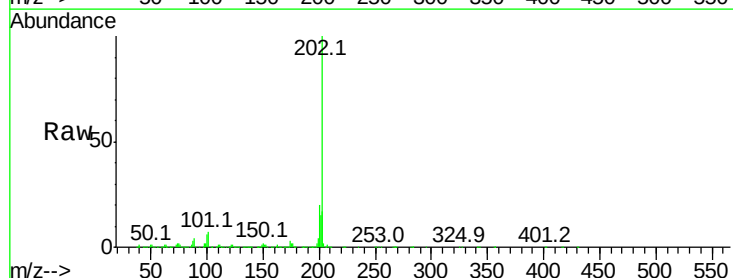
Tgt Ion:202 Resp: 2450927

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.7

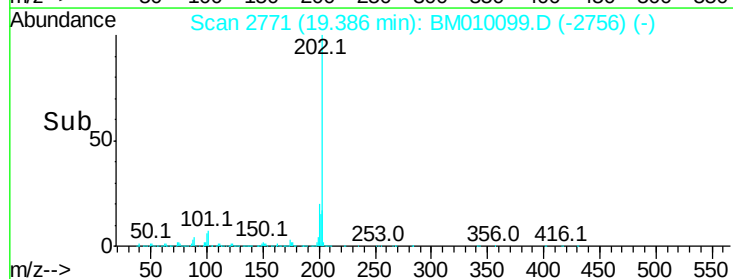
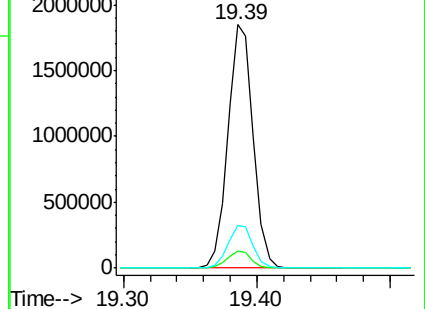
203 17.5 0.0 37.2

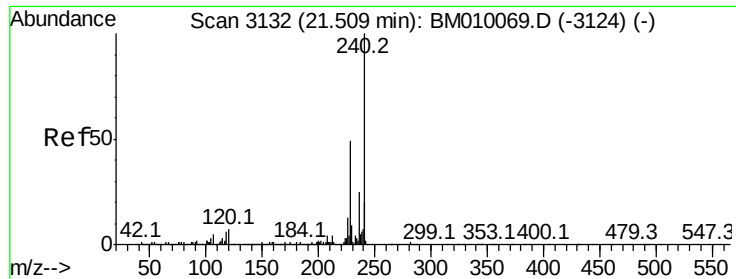


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

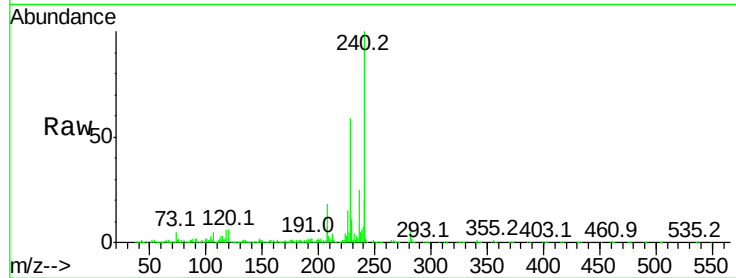
Tot Ion:240 Resp: 1129086

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

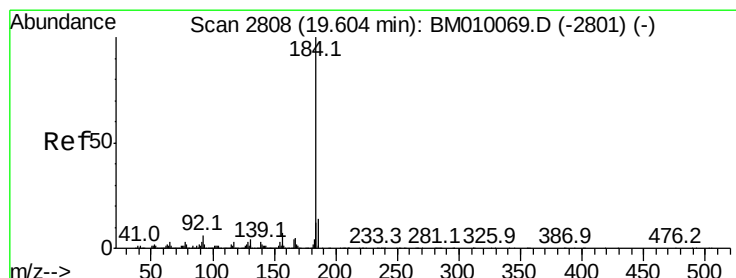
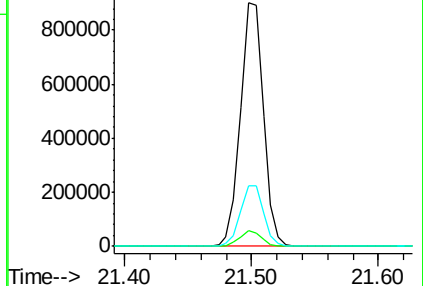
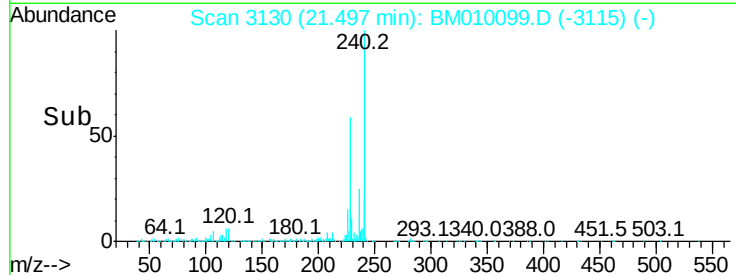
236 24.9 20.0 30.0



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: 80.37 ng

RT: 19.59 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

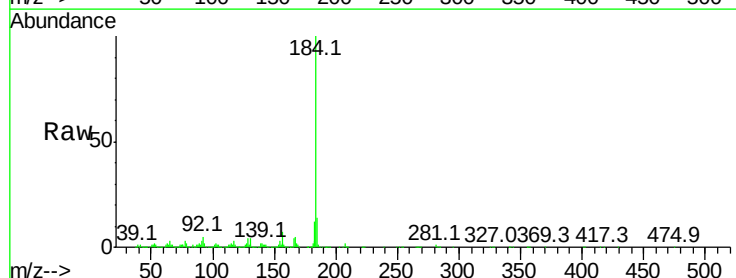
Tgt Ion:184 Resp: 1673717

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

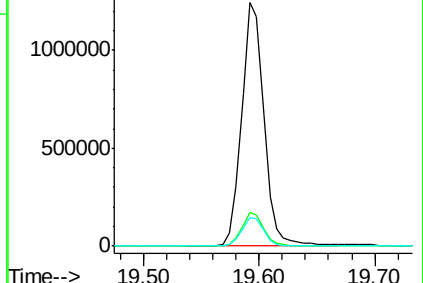
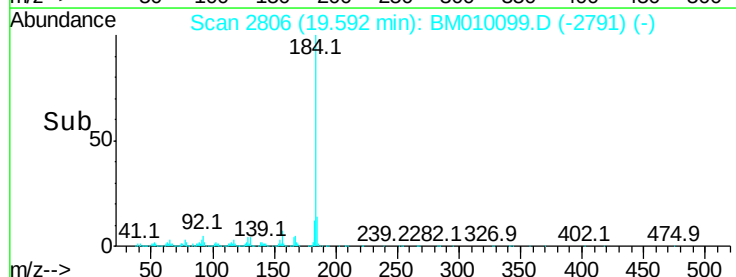
183 11.8 8.9 13.3

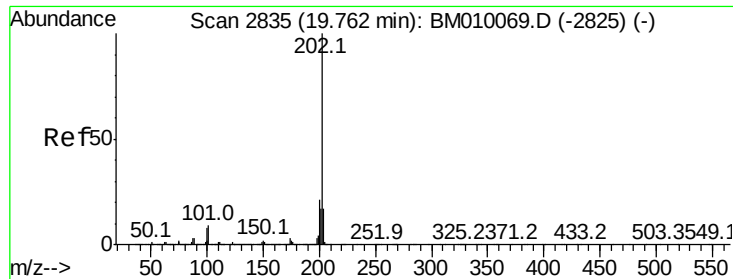


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.87 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

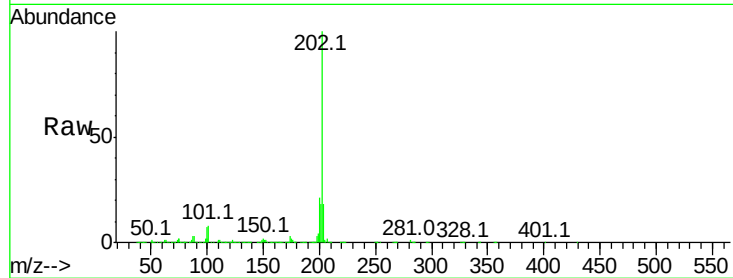
Tot Ion:202 Resp: 2534434

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

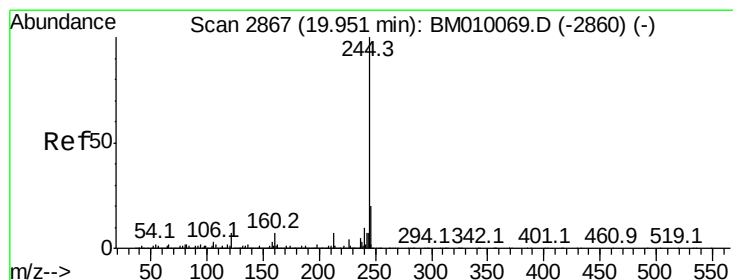
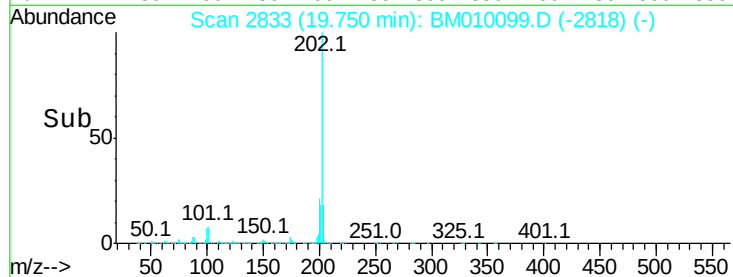
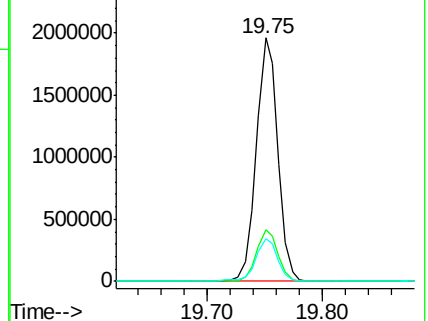
203 17.6 14.1 21.1



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: 84.29 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

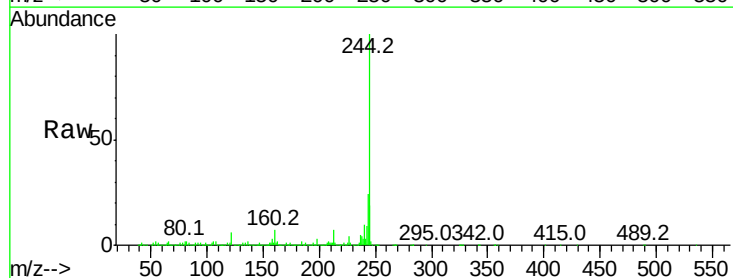
Tgt Ion:244 Resp: 4185480

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

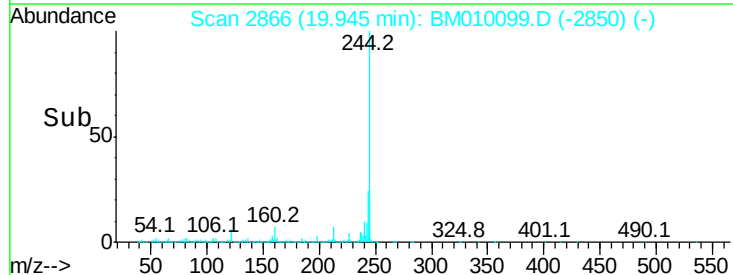
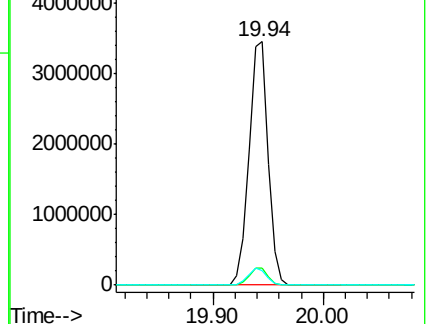
122 6.0 6.2 9.4#

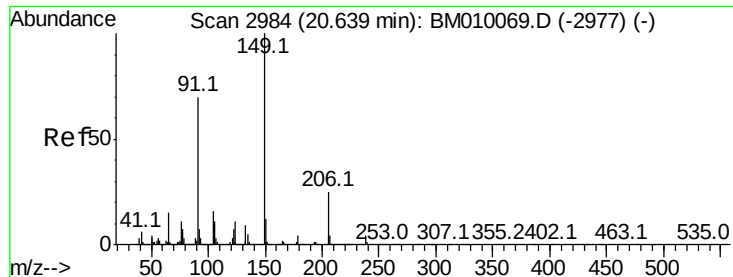


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.07 ng

RT: 20.63 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampled :

PB99081BS

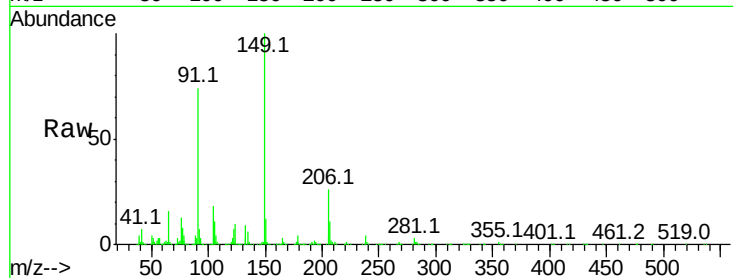
Tot Ion:149 Resp: 897926

Ion Ratio Lower Upper

149 100

91 73.6 50.1 75.1

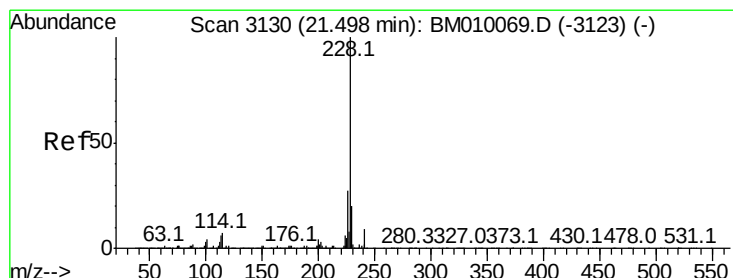
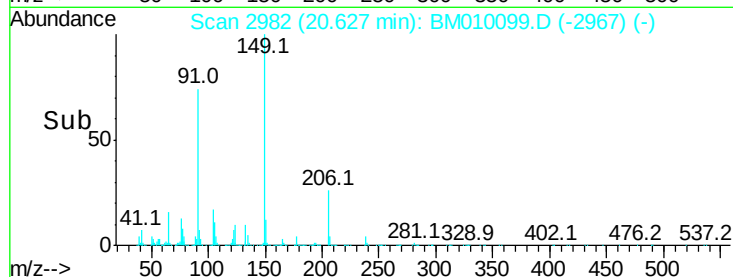
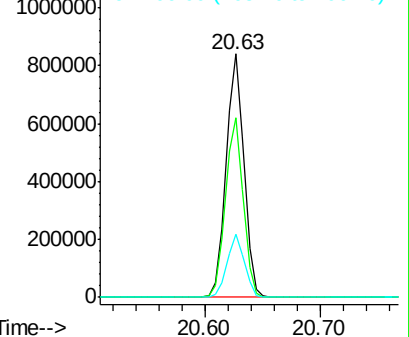
206 25.9 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.93 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

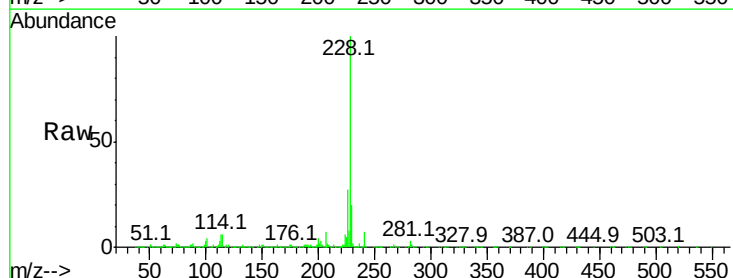
Tgt Ion:228 Resp: 2920087

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

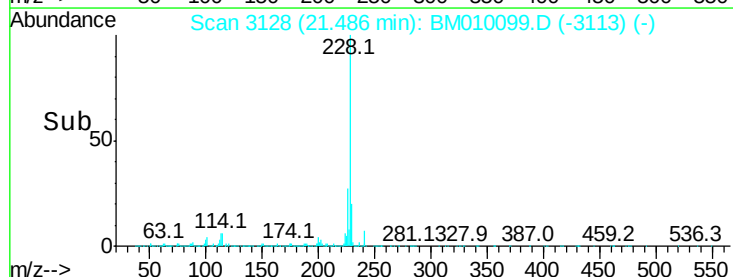
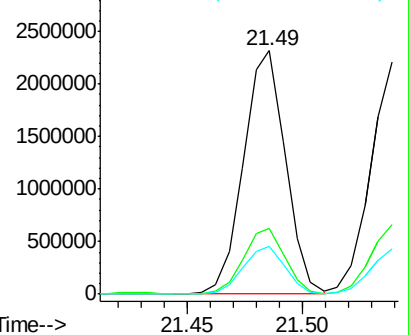
229 19.7 16.0 24.0

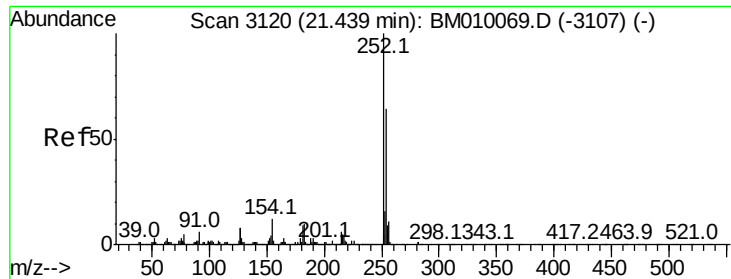


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



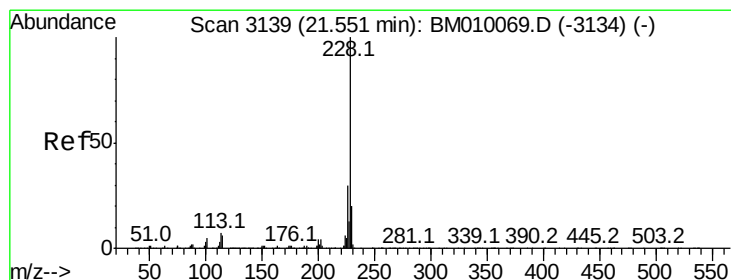
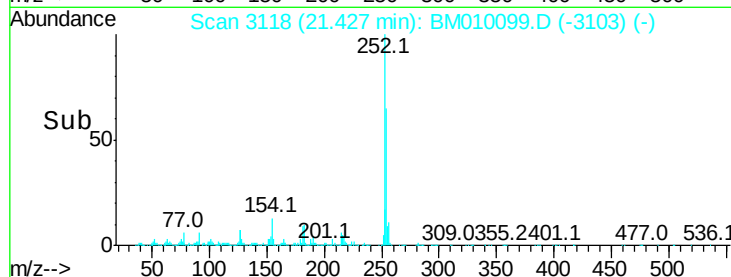
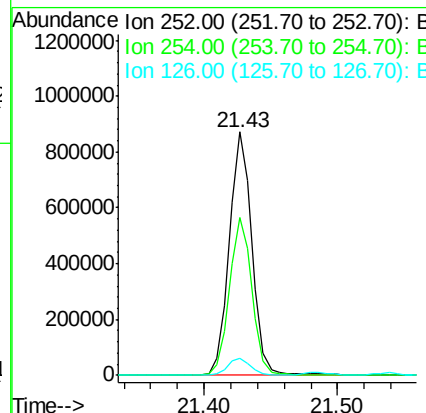
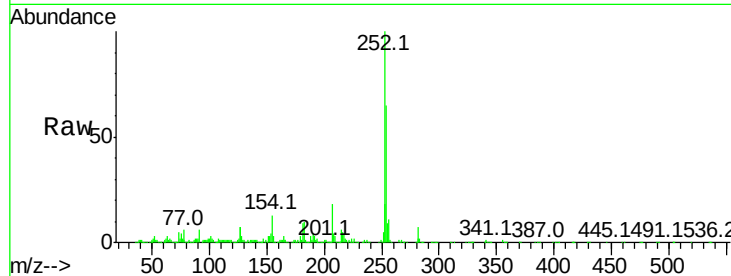


#81
 3,3'-Dichlorobenzidine
 Concen: 41.60 ng
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB99081BS

Tot Ion:252 Resp: 1041305

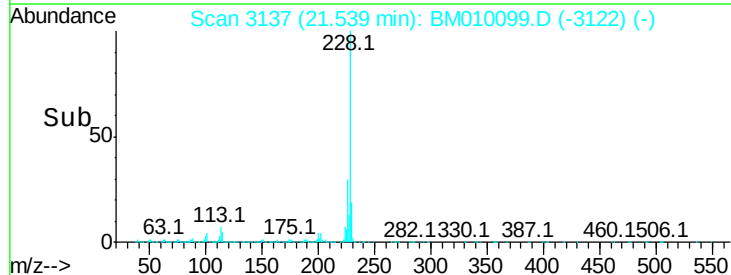
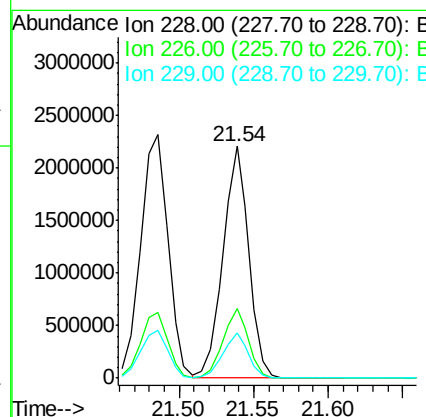
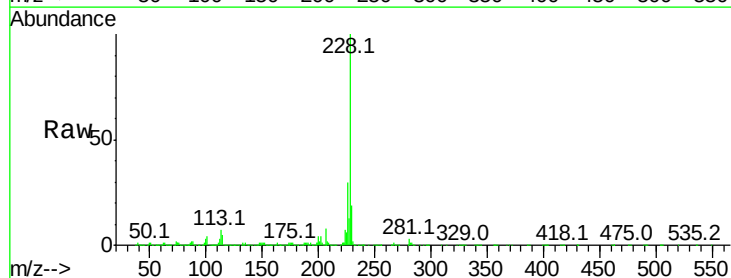
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	7.2	9.8	14.8#

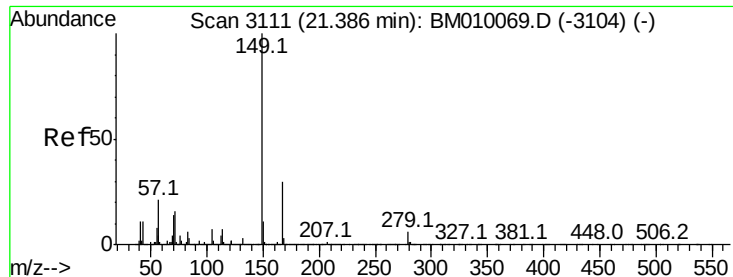


#82
 Chrysene
 Concen: 45.02 ng
 RT: 21.54 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BM010099.D
 Acq: 22 May 2017 13:12

Tgt Ion:228 Resp: 2656762

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.73 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

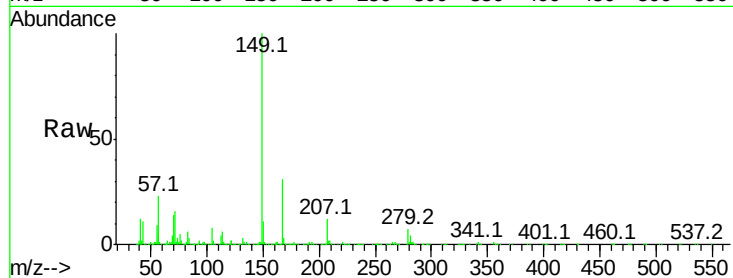
BNA_M

ClientSampleId :

PB99081BS

Tot Ion:149 Resp: 1331346

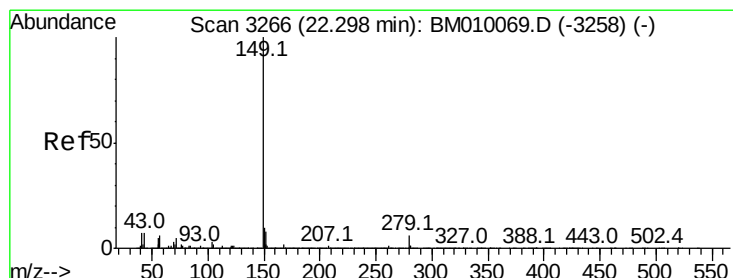
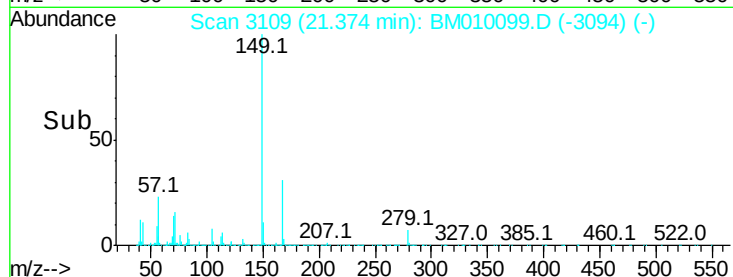
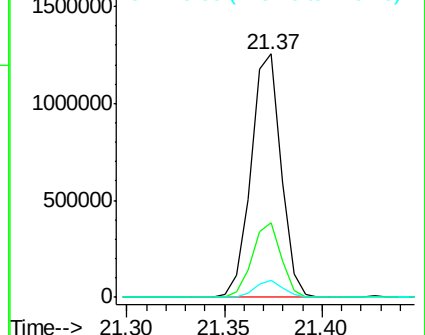
Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.4	33.6
279	7.0	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.52 ng

RT: 22.28 min Scan# 3263

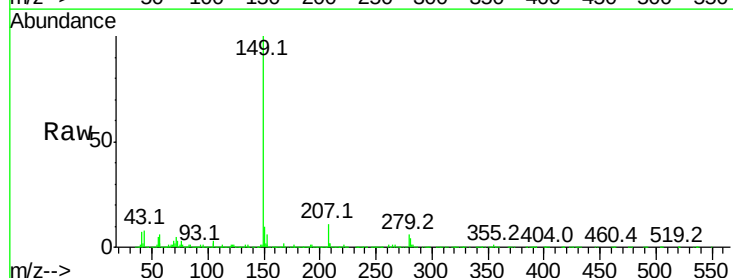
Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Tgt Ion:149 Resp: 2551120

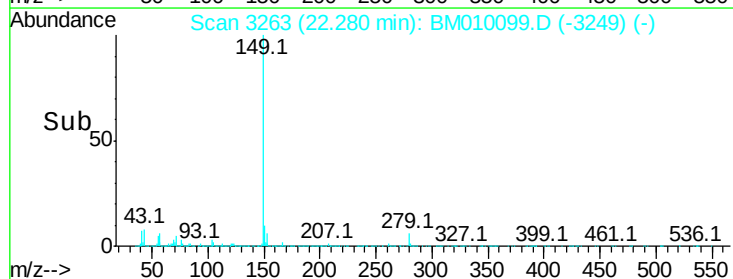
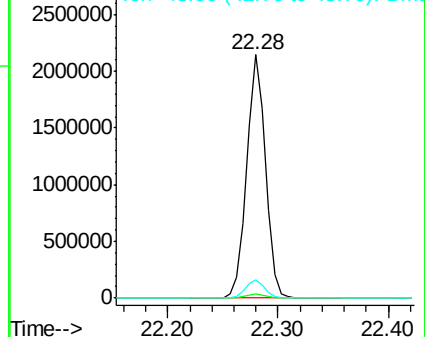
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	7.6	7.3	10.9

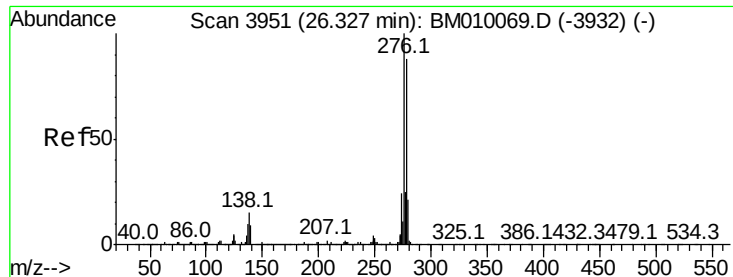


Abundance Ion 149.00 (148.70 to 149.70): E

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: 57.57 ng

RT: 26.30 min Scan# 3946

Delta R.T. -0.03 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

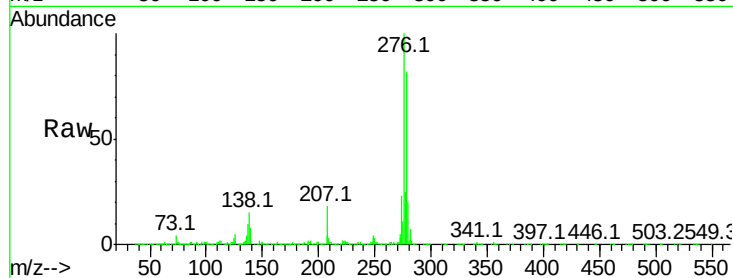
Tot Ion:276 Resp: 4982677

Ion Ratio Lower Upper

276 100

138 14.3 0.0 0.0#

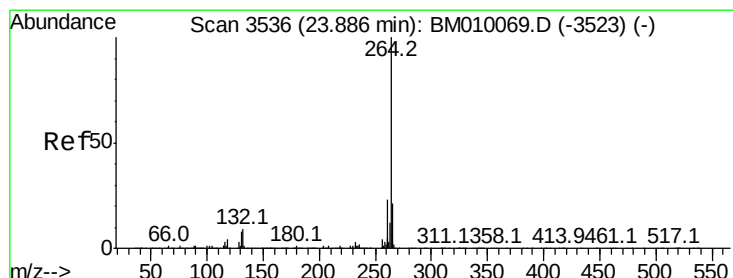
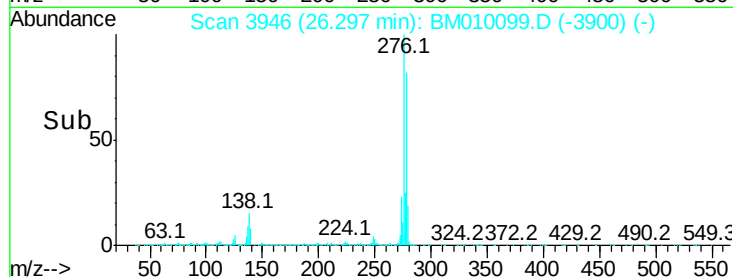
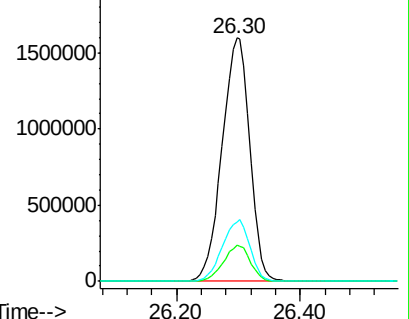
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.87 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

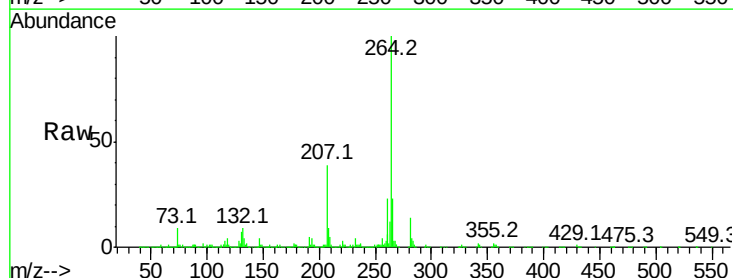
Tgt Ion:264 Resp: 1347148

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

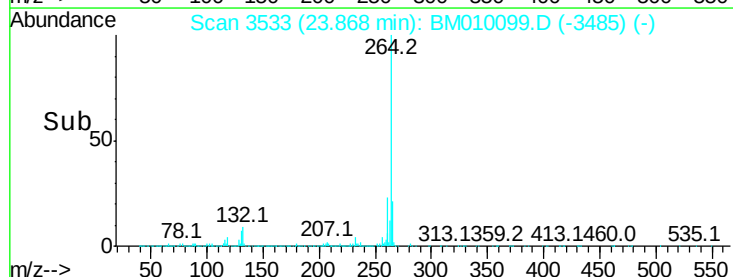
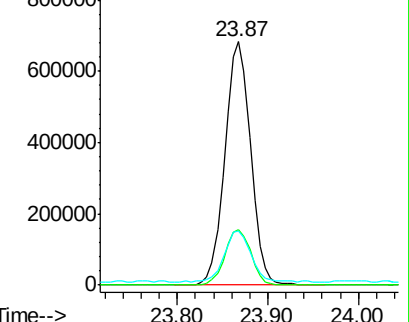
265 22.5 17.3 25.9

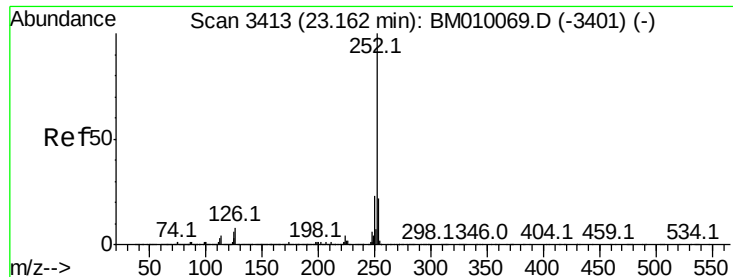


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.92 ng

RT: 23.14 min Scan# 3410

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

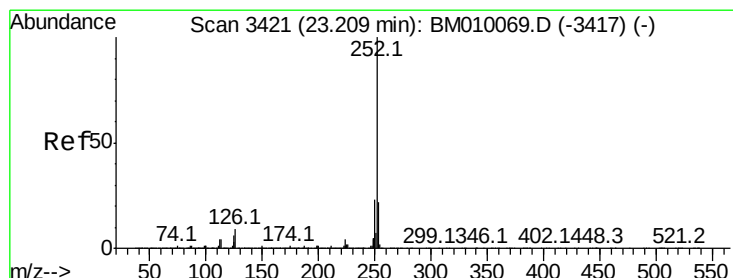
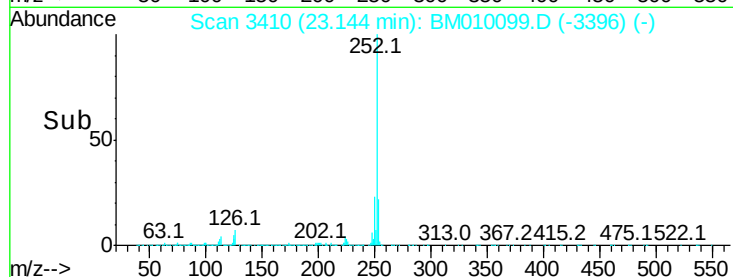
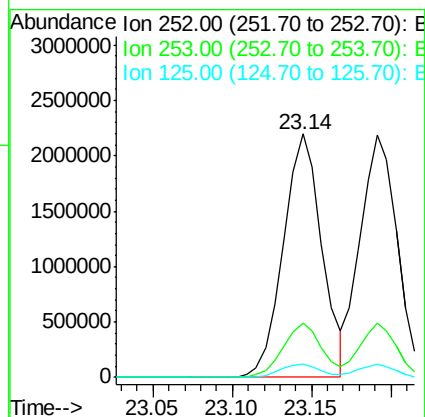
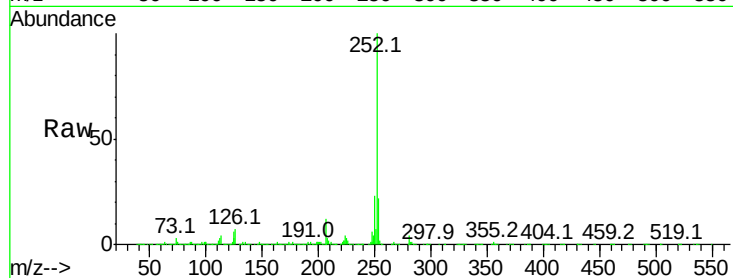
Tot Ion:252 Resp: 3699416

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 5.5 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 45.53 ng

RT: 23.19 min Scan# 3418

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

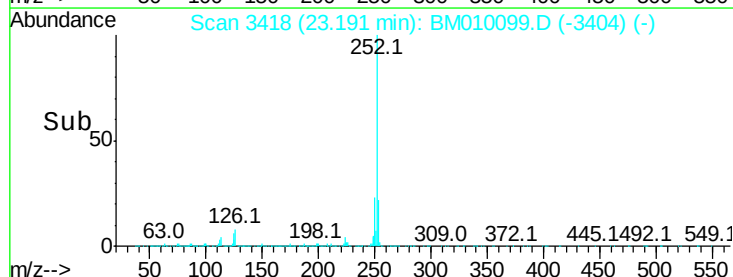
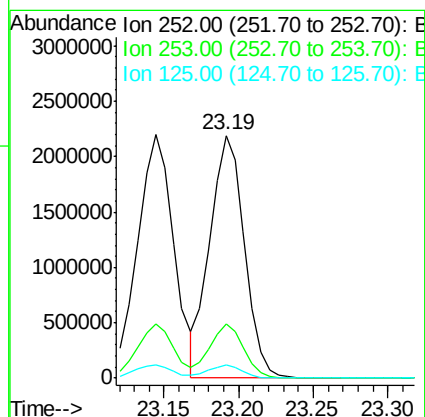
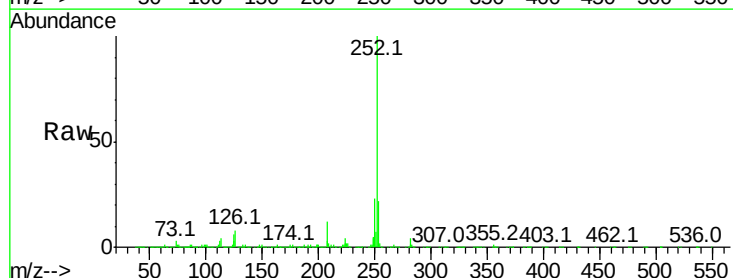
Tgt Ion:252 Resp: 3516690

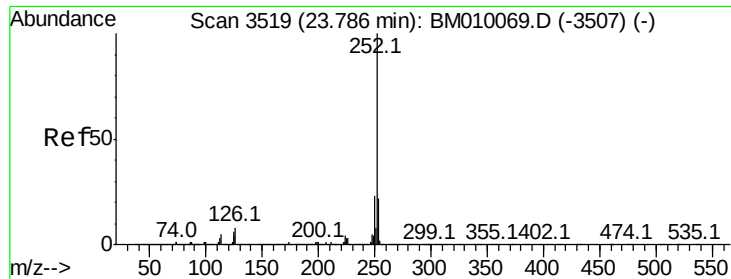
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 5.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 48.10 ng

RT: 23.76 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

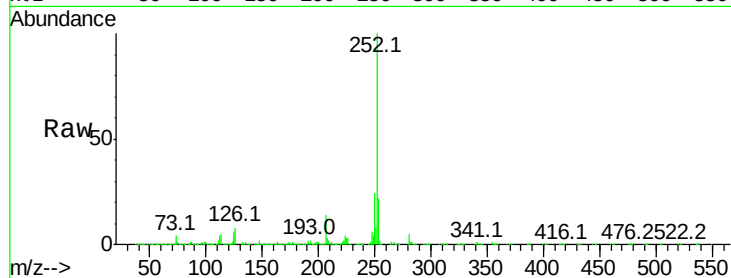
BNA_M

ClientSampleId :

PB99081BS

Tot Ion:252 Resp: 3613780

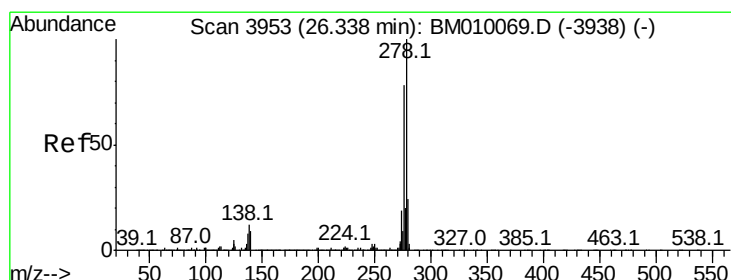
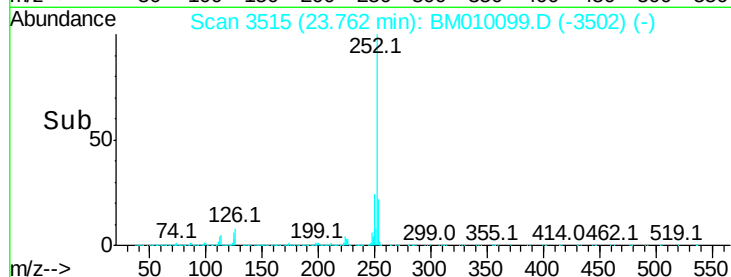
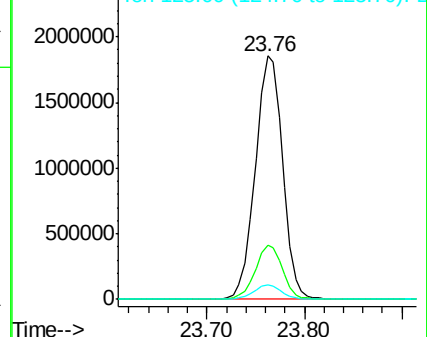
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.0	7.4	11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.37 ng

RT: 26.31 min Scan# 3948

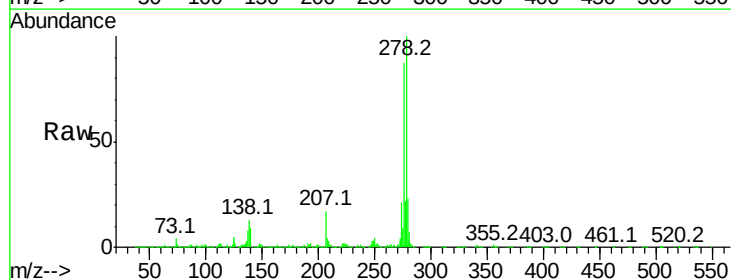
Delta R.T. -0.03 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Tgt Ion:278 Resp: 4231863

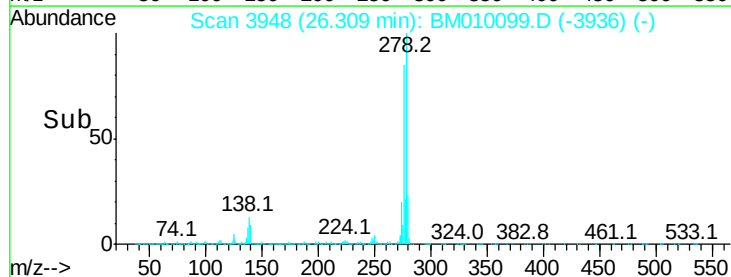
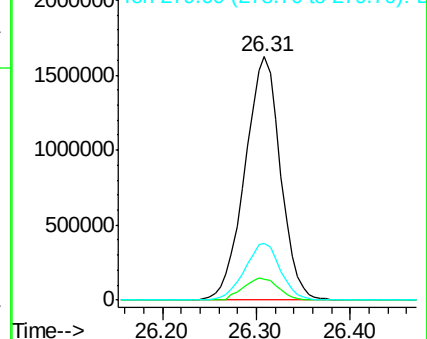
Ion	Ratio	Lower	Upper
278	100		
139	8.7	13.4	20.0#
279	23.4	19.0	28.4

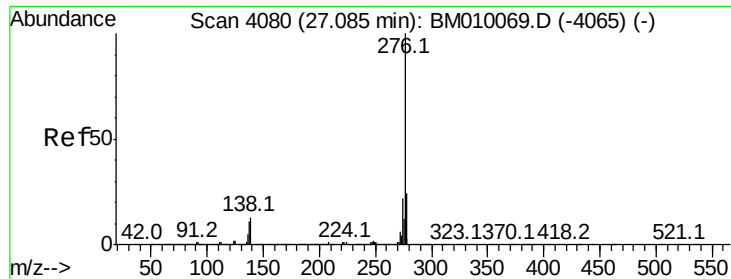


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.65 ng

RT: 27.05 min Scan# 4074

Delta R.T. -0.04 min

Lab File: BM010099.D

Acq: 22 May 2017 13:12

Instrument :

BNA_M

ClientSampleId :

PB99081BS

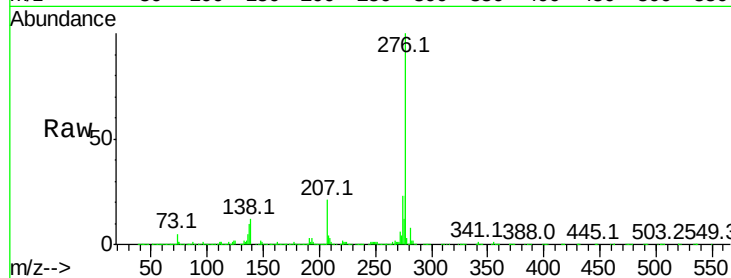
Tot Ion:276 Resp: 4086733

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 12.0 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

