

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010078.D
 Acq On : 19 May 2017 20:39
 Operator : SJ/MA
 Sample : I3202-15MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:00:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 14:14:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	188602	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	642491	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	386786	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	887907	20.00	ng	0.00
75) Chrysene-d12	21.51	240	1362713	20.00	ng	0.00
86) Perylene-d12	23.88	264	698146	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1437855	137.67	ng	0.00
7) Phenol-d6	7.17	99	1665962	123.97	ng	0.00
23) Nitrobenzene-d5	9.16	82	1156008	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	863154	146.93	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2901191	96.43	ng	0.00
78) Terphenyl-d14	19.95	244	4957949	82.73	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	206404	43.01	ng	# 100
3) Pyridine	3.88	79	484508	37.72	ng	88
4) n-Nitrosodimethylamine	3.78	42	224540	48.33	ng	85
6) Aniline	7.33	93	260123	15.62	ng	96
8) 2-Chlorophenol	7.55	128	509214	44.81	ng	95
9) Benzaldehyde	7.14	77	167242	19.99	ng	88
10) Phenol	7.19	94	601104	42.44	ng	85
11) bis(2-Chloroethyl)ether	7.41	93	460411	43.61	ng	99
12) 1,3-Dichlorobenzene	7.86	146	612902	42.45	ng	# 94
13) 1,4-Dichlorobenzene	8.01	146	624355	42.09	ng	96
14) 1,2-Dichlorobenzene	8.33	146	602562	42.32	ng	96
15) Benzyl Alcohol	8.24	79	400693	39.41	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	407778	39.29	ng	83
17) 2-Methylphenol	8.43	107	418677	41.55	ng	# 89
18) Hexachloroethane	9.05	117	211027	43.89	ng	# 76
19) n-Nitroso-di-n-propylamine	8.79	70	403840	42.57	ng	# 89
20) 3+4-Methylphenols	8.77	107	555536	40.82	ng	90
22) Acetophenone	8.82	105	759442	46.11	ng	# 97
24) Nitrobenzene	9.20	77	613428	50.00	ng	97
25) Isophorone	9.72	82	999102	48.55	ng	# 93
26) 2-Nitrophenol	9.91	139	248610	48.08	ng	# 75
27) 2,4-Dimethylphenol	9.96	122	438985	47.01	ng	# 83
28) bis(2-Chloroethoxy)methane	10.20	93	551750	42.25	ng	98
29) 2,4-Dichlorophenol	10.44	162	516074	48.00	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	629395	45.25	ng	97
31) Naphthalene	10.83	128	1551531	45.14	ng	99
32) Benzoic acid	10.10	122	250972	39.44	ng	89
33) 4-Chloroaniline	10.97	127	67548	5.10	ng	# 81
34) Hexachlorobutadiene	11.08	225	421427	45.42	ng	98
35) Caprolactam	11.79	113	65050	21.09	ng	# 74
36) 4-Chloro-3-methylphenol	12.09	107	513783	44.13	ng	85
37) 2-Methylnaphthalene	12.43	142	1151692	46.54	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	700897	47.12	ng	# 100
40) Hexachlorocyclopentadiene	12.75	237	1014211	118.10	ng	100

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

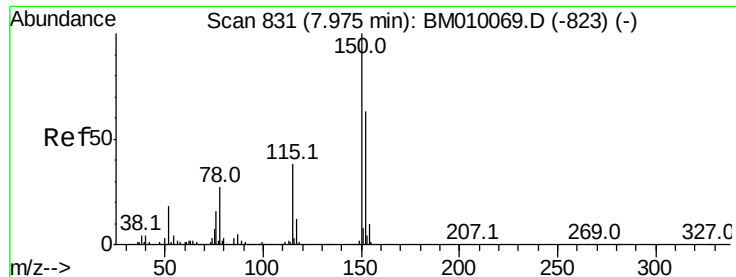
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:00:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 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	13.05	196	438316	50.03	nq	96
43) 2,4,5-Trichlorophenol	13.12	196	472725	48.83	nq	# 93
45) 1,1'-Biphenyl	13.44	154	1499737	47.15	nq	99
46) 2-Chloronaphthalene	13.49	162	1184115	45.98	nq	97
47) 2-Nitroaniline	13.72	65	294381	44.45	nq	84
48) Acenaphthylene	14.33	152	1793265	47.09	nq	100
49) Dimethylphthalate	14.07	163	1519419	44.04	nq	# 99
50) 2,6-Dinitrotoluene	14.20	165	314990	48.08	nq	96
51) Acenaphthene	14.67	154	1110111	46.89	nq	100
52) 3-Nitroaniline	14.55	138	134479	22.09	nq	# 68
53) 2,4-Dinitrophenol	14.74	184	394035	89.69	nq	# 81
54) Dibenzofuran	15.00	168	1858849	49.94	nq	96
55) 4-Nitrophenol	14.86	139	445170	90.85	nq	# 54
56) 2,4-Dinitrotoluene	14.98	165	444088	47.91	nq	# 77
57) Fluorene	15.65	166	1512749	46.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	442424	53.66	nq	# 100
59) Diethylphthalate	15.42	149	1425222	43.69	nq	98
60) 4-Chlorophenyl-phenylether	15.64	204	831119	45.73	nq	98
61) 4-Nitroaniline	15.72	138	194674	31.49	nq	# 46
62) Azobenzene	15.93	77	1298097	54.12	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	258808	47.71	nq	76
65) n-Nitrosodiphenylamine	15.86	169	871706	32.76	nq	99
66) 4-Bromophenyl-phenylether	16.53	248	543813	47.84	nq	94
67) Hexachlorobenzene	16.63	284	637088	46.13	nq	96
68) Atrazine	16.80	200	57569	5.71	nq	97
69) Pentachlorophenol	16.99	266	764748	100.82	nq	99
70) Phenanthrene	17.39	178	2403514	48.38	nq	99
71) Anthracene	17.48	178	2446247	49.62	nq	99
72) Carbazole	17.77	167	909253	20.83	nq	97
73) Di-n-butylphthalate	18.29	149	2376972	45.93	nq	98
74) Fluoranthene	19.40	202	3104619	48.13	nq	98
77) Pyrene	19.76	202	3146020	43.06	nq	100
79) Butylbenzylphthalate	20.63	149	1176136	43.49	nq	# 89
80) Benzo(a)anthracene	21.49	228	3644088	48.52	nq	99
81) 3,3'-Dichlorobenzidine	21.43	252	130864	4.33	nq	# 94
82) Chrysene	21.54	228	3299889	46.33	nq	100
83) Bis(2-ethylhexyl)phthalate	21.38	149	1799083	44.48	nq	# 96
84) Di-n-octyl phthalate	22.29	149	3380222	46.68	nq	96
85) Indeno(1,2,3-cd)pyrene	26.31	276	5337427	51.10	nq	# 100
87) Benzo(b)fluoranthene	23.16	252	4617750	113.02	nq	# 93
88) Benzo(k)fluoranthene	23.20	252	4239892	105.92	nq	# 95
89) Benzo(a)pyrene	23.77	252	3939415	101.18	nq	# 98
90) Dibenzo(a,h)anthracene	26.33	278	5012144	115.12	nq	# 93
91) Benzo(g,h,i)perylene	27.07	276	4296569	100.71	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010078.D

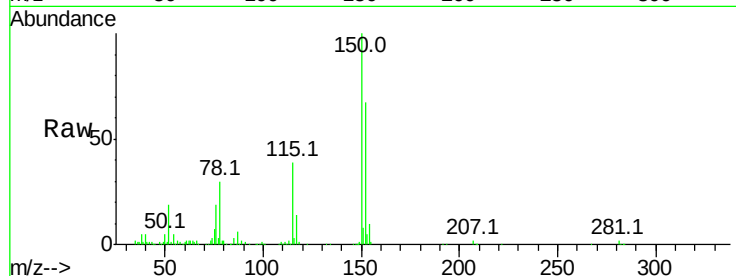
Acq: 19 May 2017 20:39

Instrument :

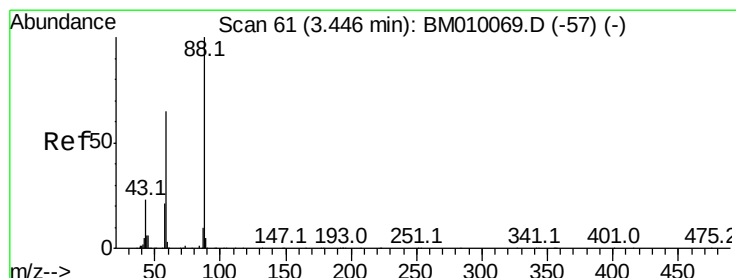
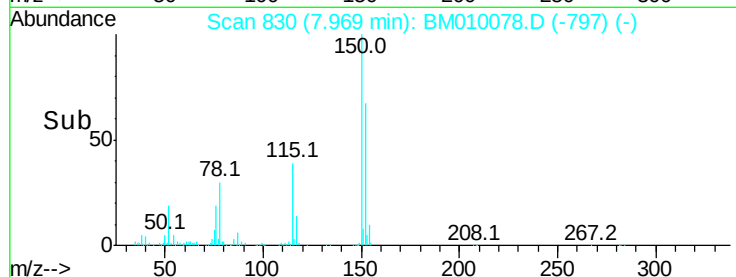
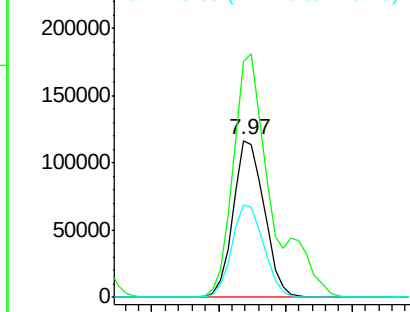
BNA_M

ClientSampled :

Tot Ion:	152	Resp:	188602
Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	58.7	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: 43.01 ng

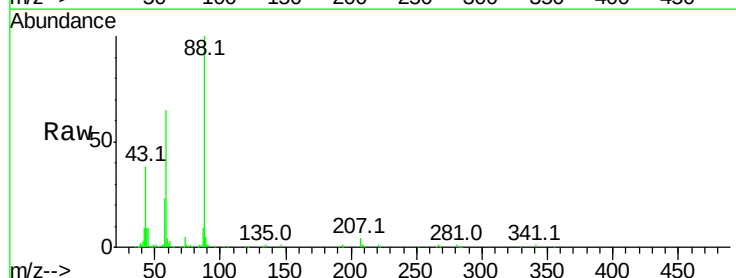
RT: 3.45 min Scan# 62

Delta R.T. 0.01 min

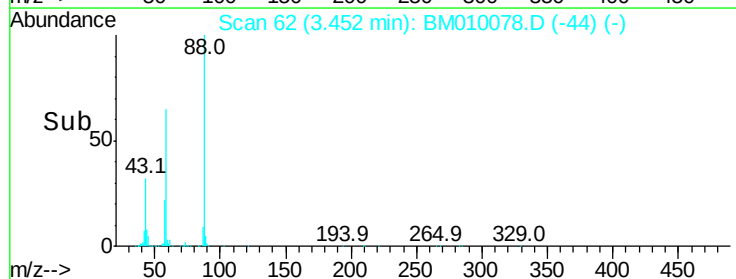
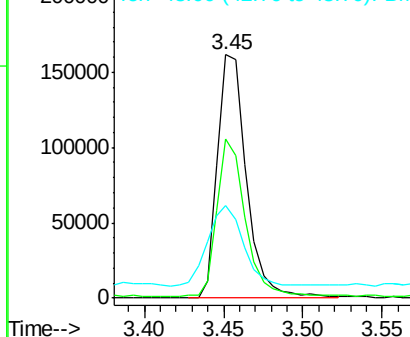
Lab File: BM010078.D

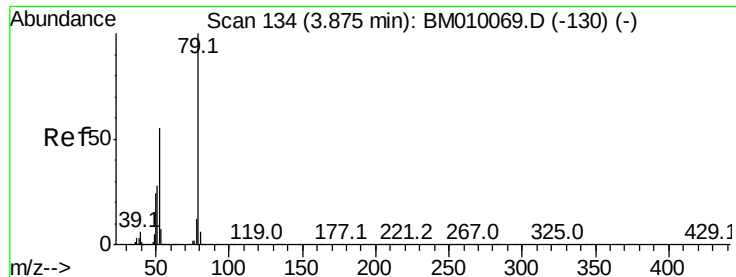
Acq: 19 May 2017 20:39

Tgt Ion:	88	Resp:	206404
Ion	Ratio	Lower	Upper
88	100		
58	62.2	0.0	0.0#
43	41.6	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: 37.72 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

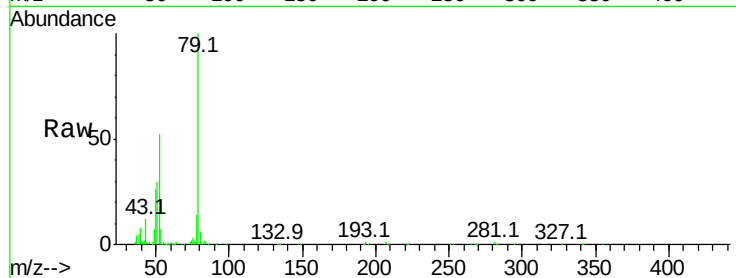
Tot Ion: 79 Resp: 484508

Ion Ratio Lower Upper

79 100

52 52.1 51.1 76.7

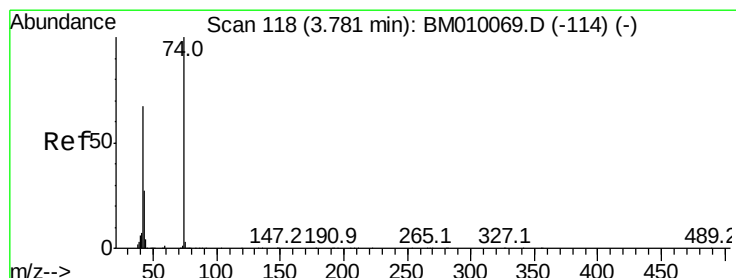
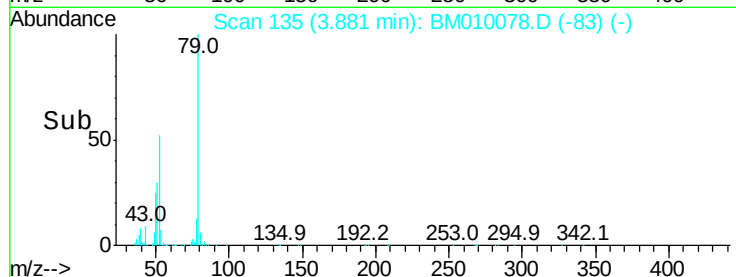
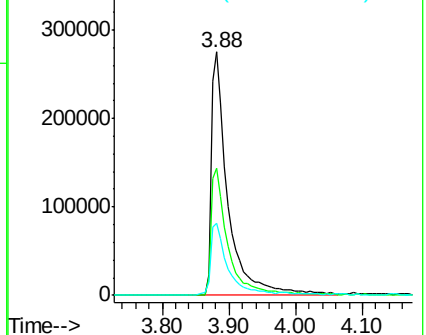
51 29.9 26.1 39.1



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: 48.33 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

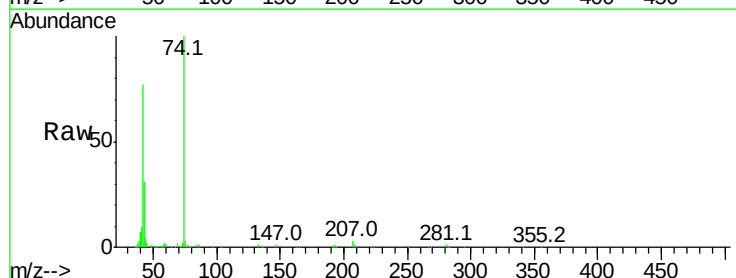
Tgt Ion: 42 Resp: 224540

Ion Ratio Lower Upper

42 100

74 130.0 119.3 178.9

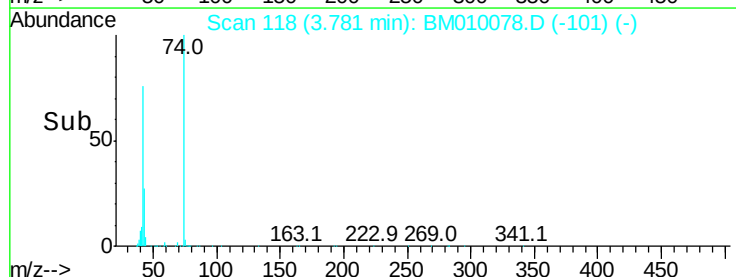
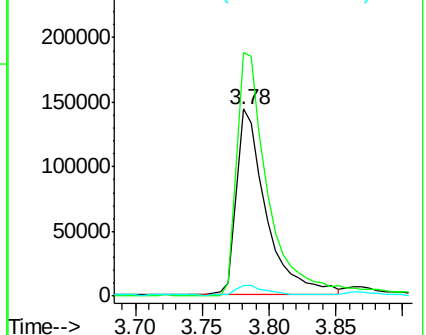
44 5.7 5.4 8.2

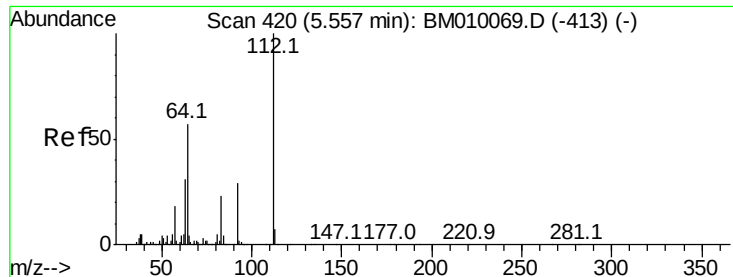


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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: 137.67 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

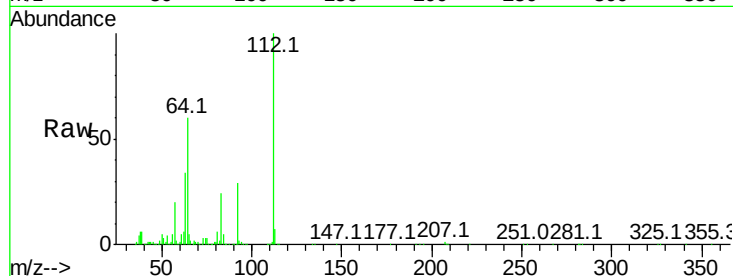
Tot Ion:112 Resp: 1437855

Ion Ratio Lower Upper

112 100

64 60.4 38.6 57.8#

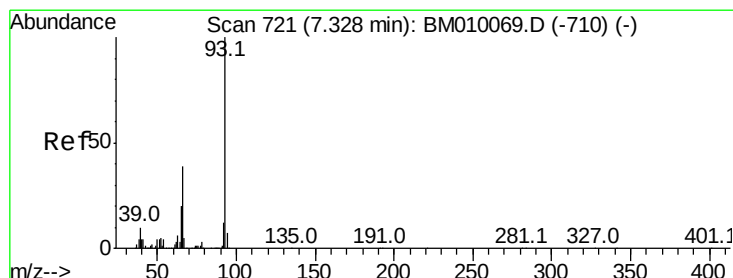
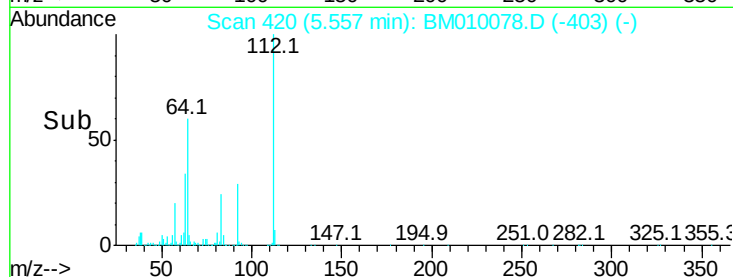
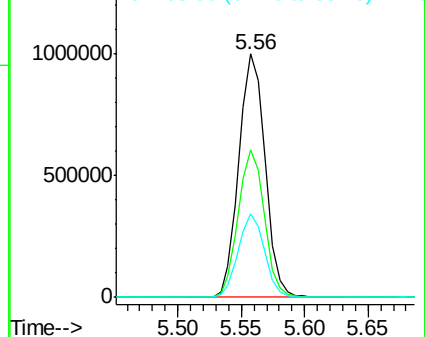
63 34.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 15.62 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

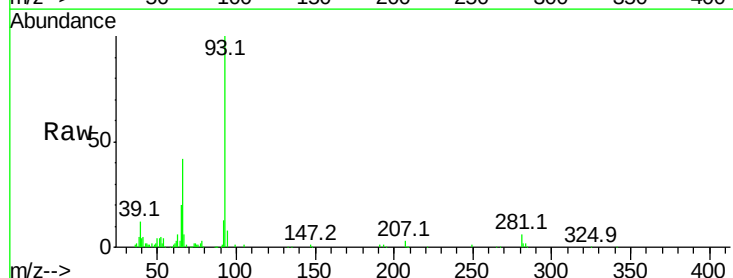
Tgt Ion: 93 Resp: 260123

Ion Ratio Lower Upper

93 100

66 41.7 30.8 46.2

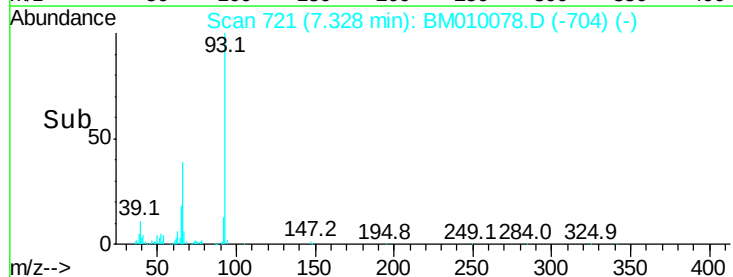
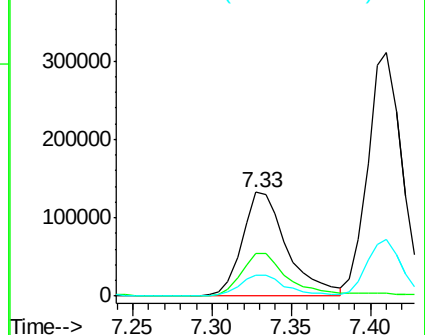
65 19.7 16.0 24.0

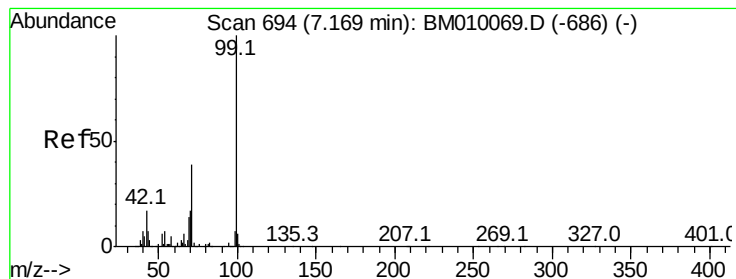


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 123.97 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

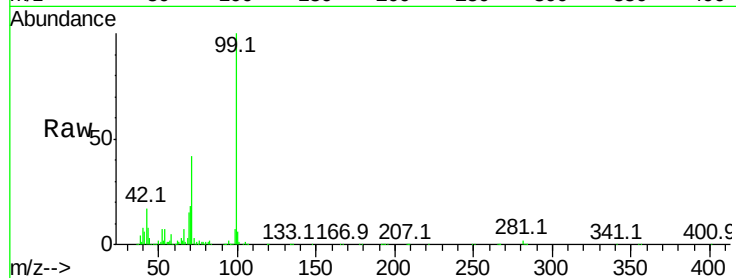
Tot Ion: 99 Resp: 1665962

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

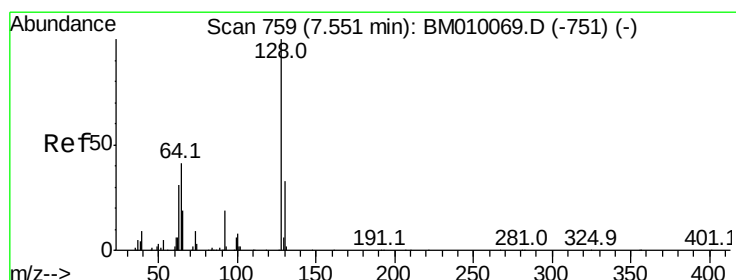
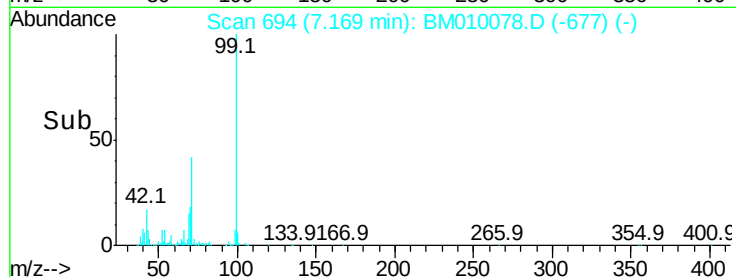
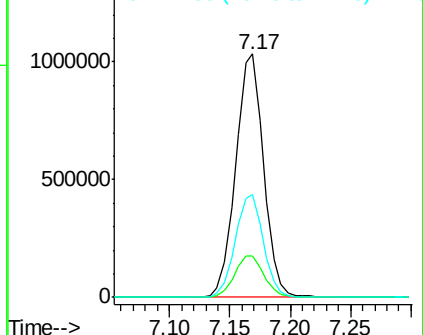
71 42.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 44.81 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

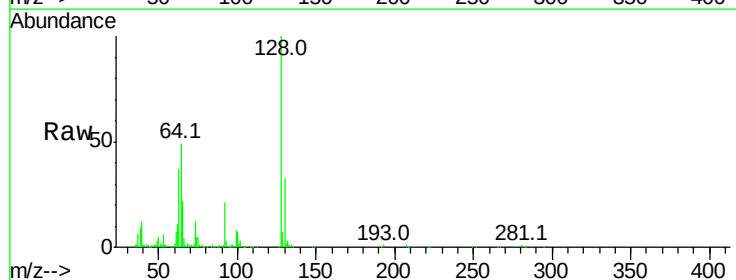
Tgt Ion: 128 Resp: 509214

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

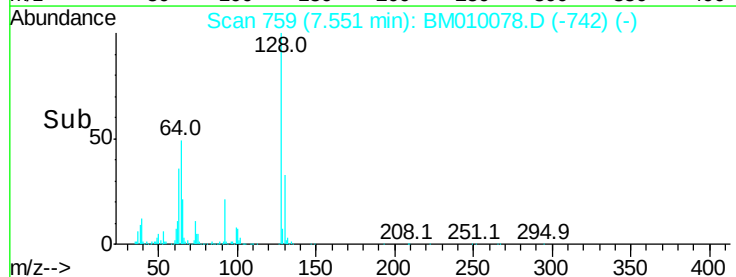
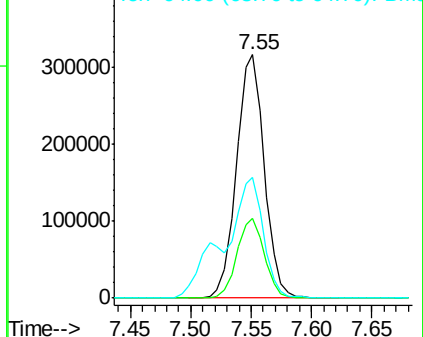
64 49.5 24.9 64.9

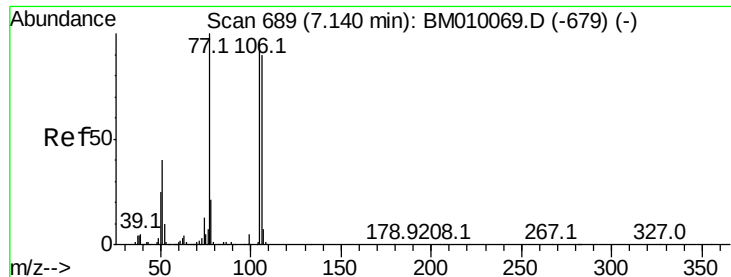


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 19.99 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

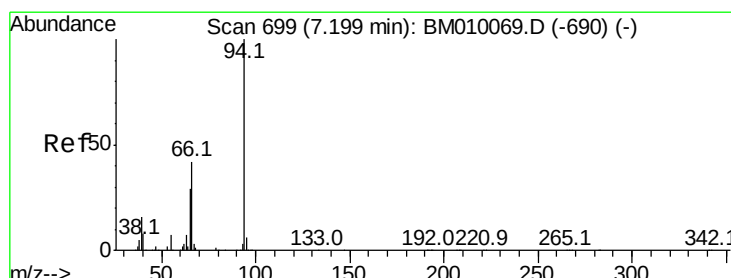
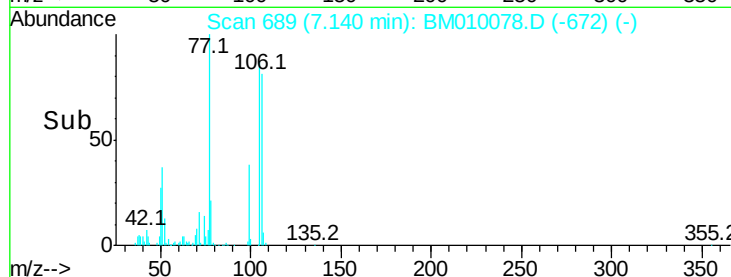
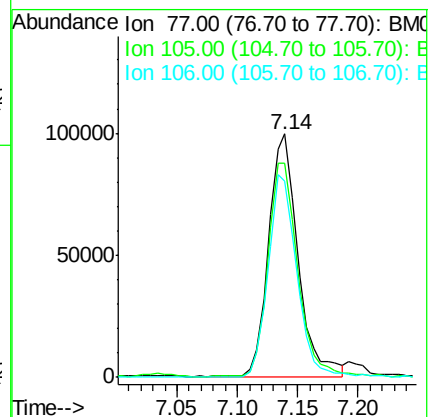
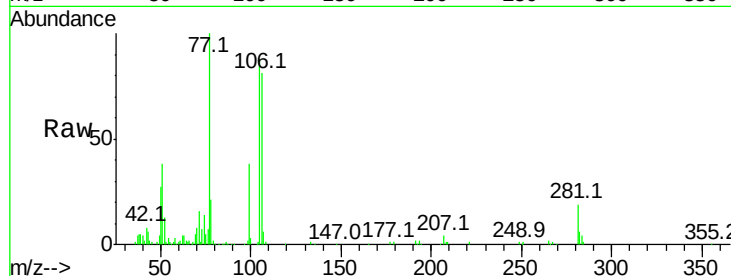
Tot Ion: 77 Resp: 167242

Ion Ratio Lower Upper

77 100

105 88.0 78.8 118.8

106 80.8 73.7 113.7



#10

Phenol

Concen: 42.44 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

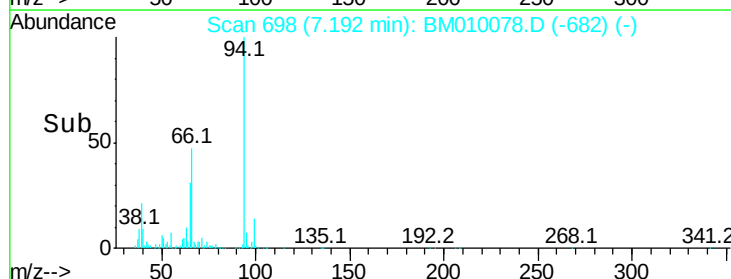
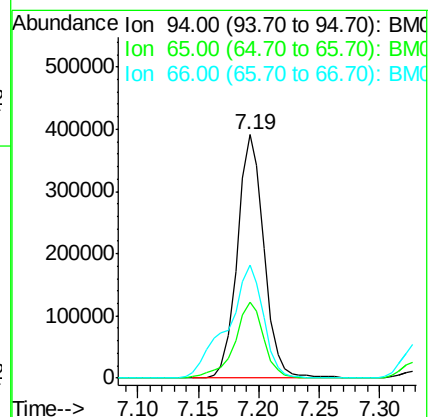
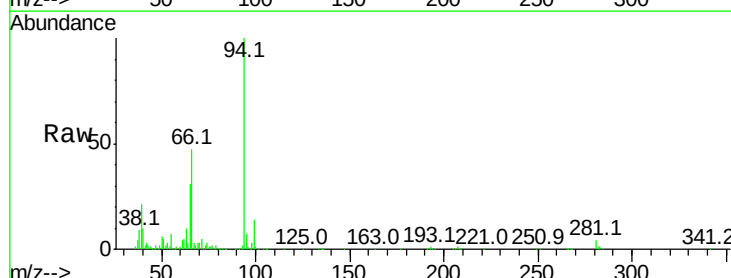
Tgt Ion: 94 Resp: 601104

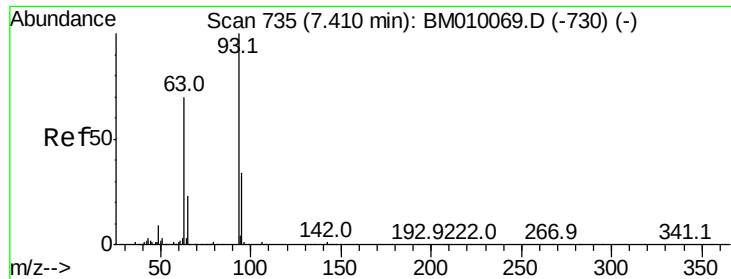
Ion Ratio Lower Upper

94 100

65 31.3 18.8 58.8

66 46.6 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 43.61 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

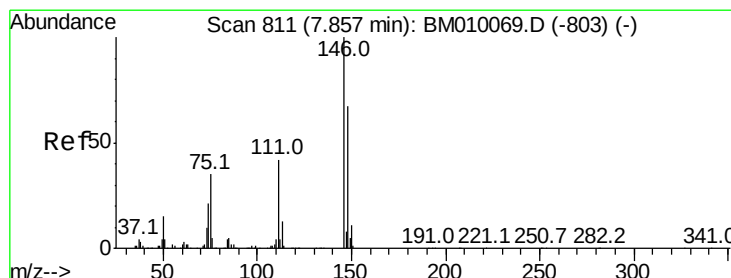
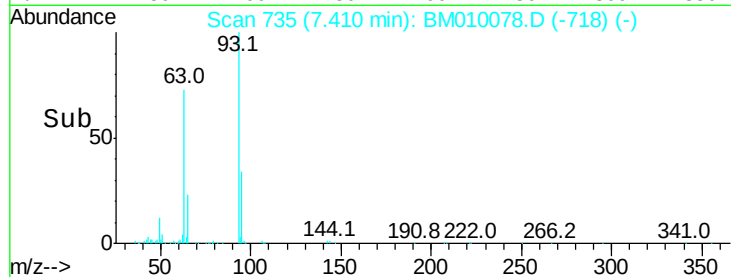
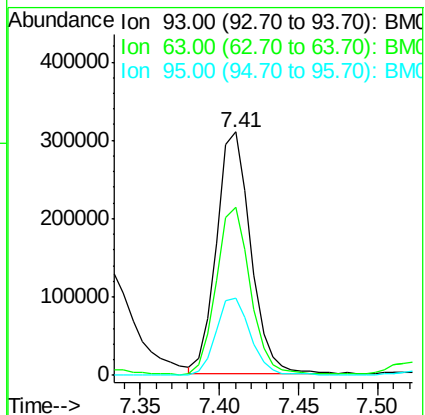
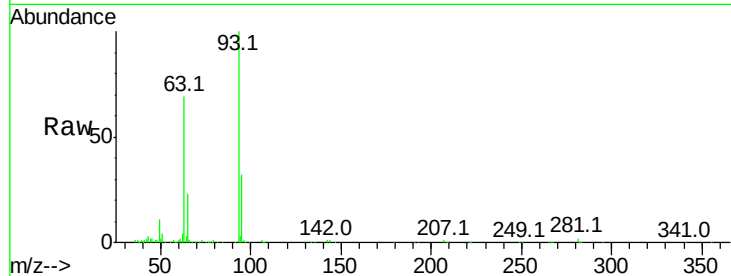
Tot Ion: 93 Resp: 460411

Ion Ratio Lower Upper

93 100

63 69.0 49.5 89.5

95 32.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 42.45 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

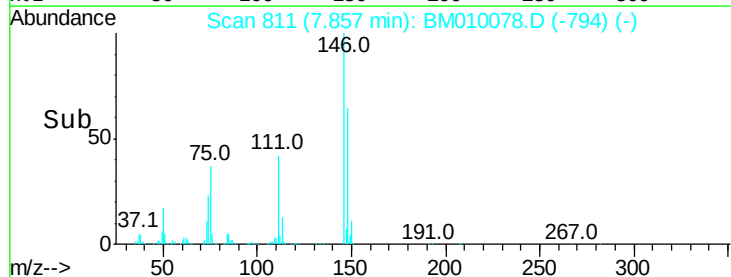
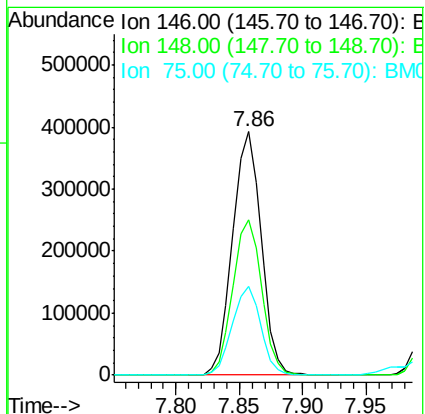
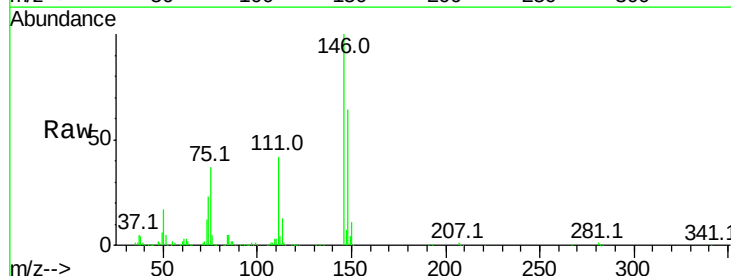
Tgt Ion: 146 Resp: 612902

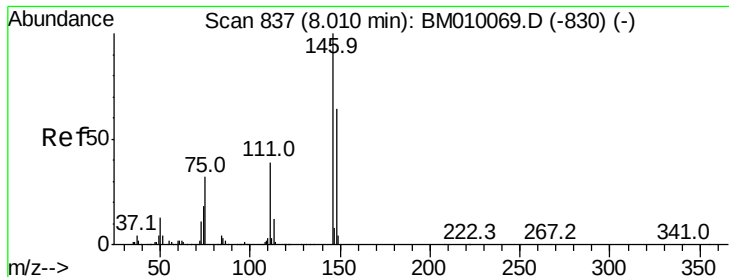
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 36.7 21.4 32.2#

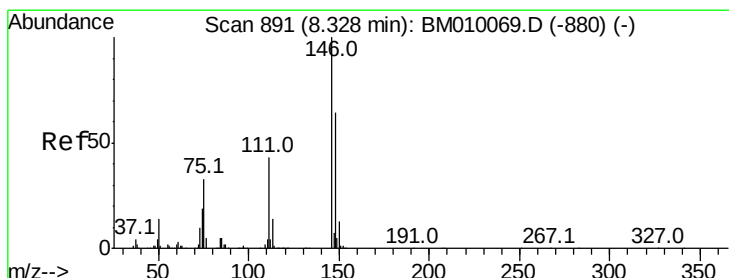
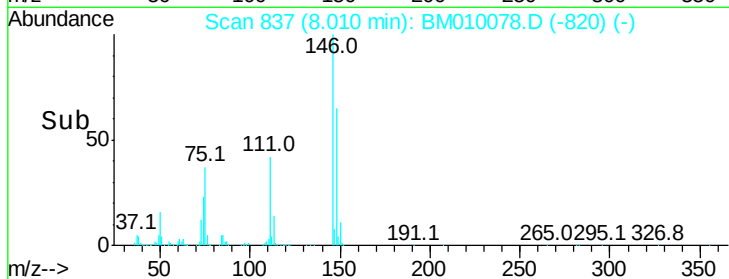
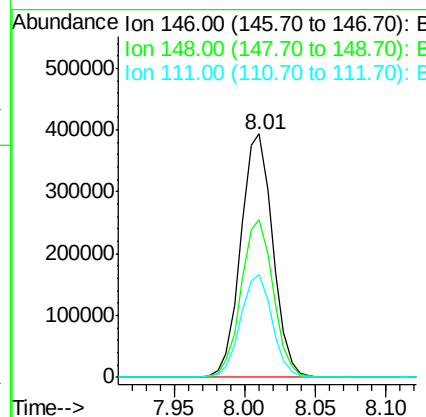
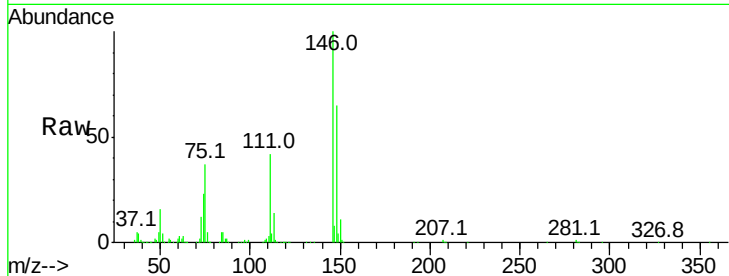




#13
1,4-Dichlorobenzene
Concen: 42.09 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

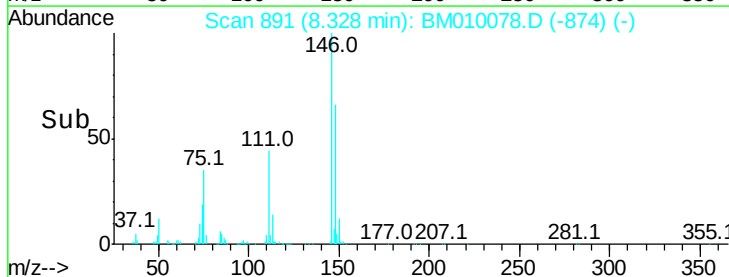
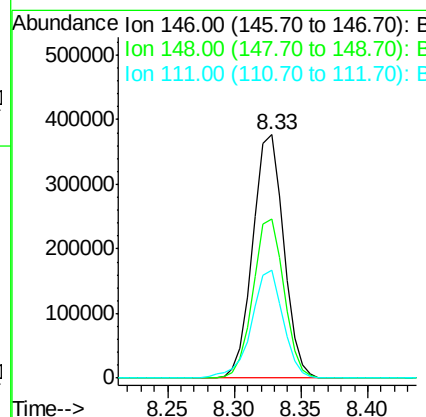
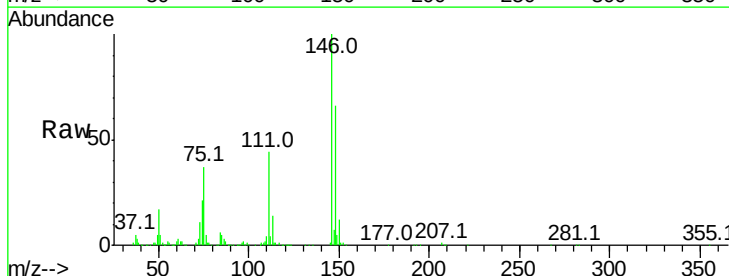
Instrument :
BNA_M
ClientSampleId :

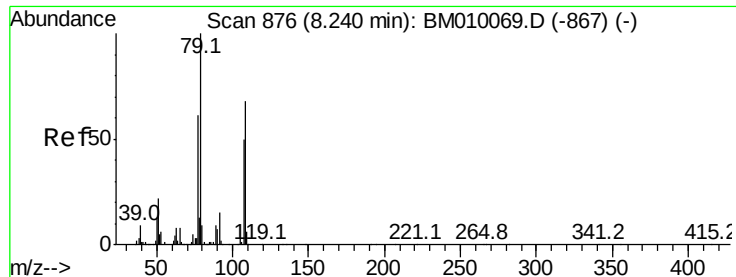
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	42.2	29.2	43.8



#14
1,2-Dichlorobenzene
Concen: 42.32 ng
RT: 8.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	44.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 39.41 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

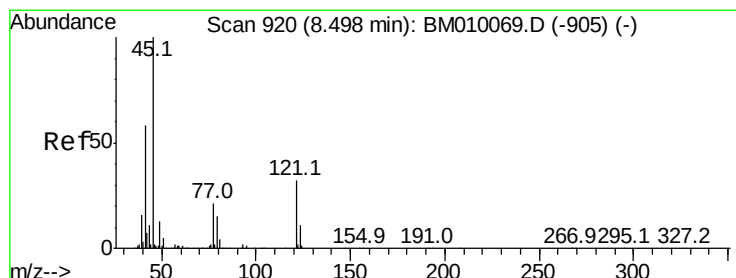
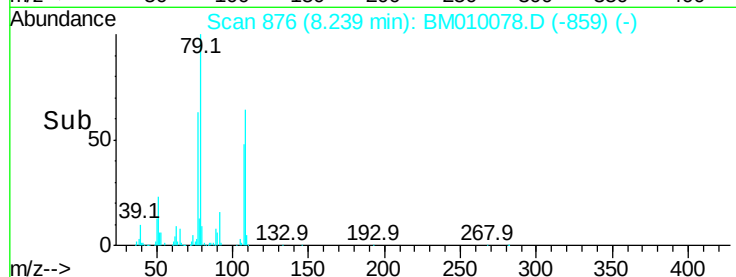
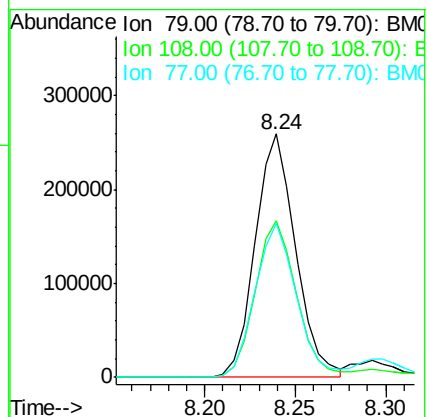
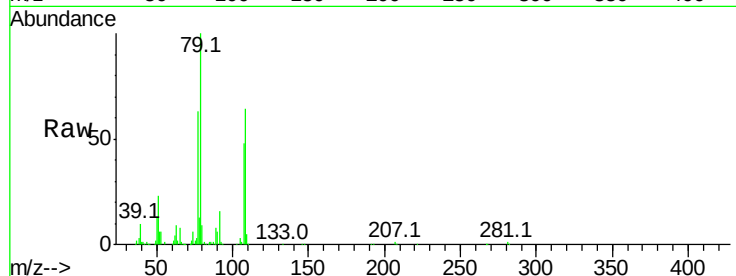
Tot Ion: 79 Resp: 400693

Ion Ratio Lower Upper

79 100

108 64.3 65.0 97.4#

77 63.2 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.29 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

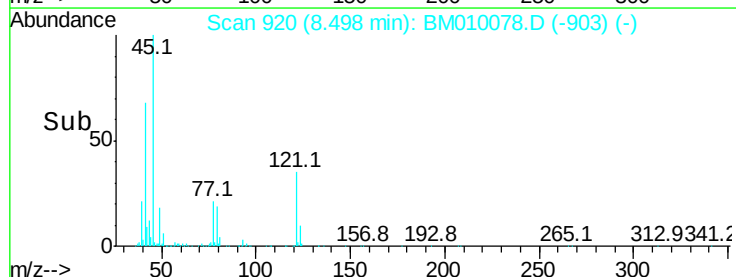
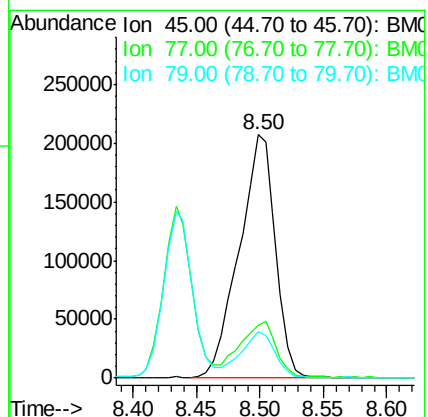
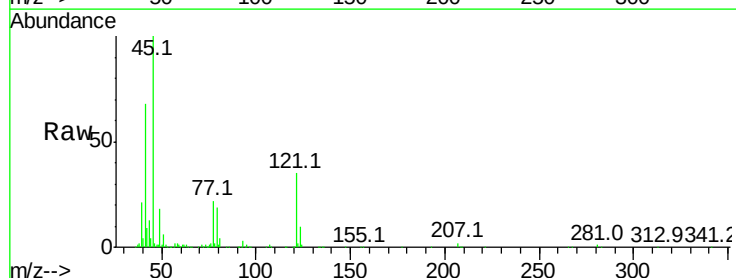
Tgt Ion: 45 Resp: 407778

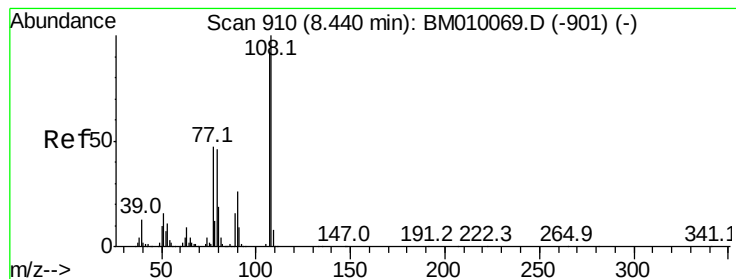
Ion Ratio Lower Upper

45 100

77 21.7 0.0 35.2

79 19.2 0.0 32.0

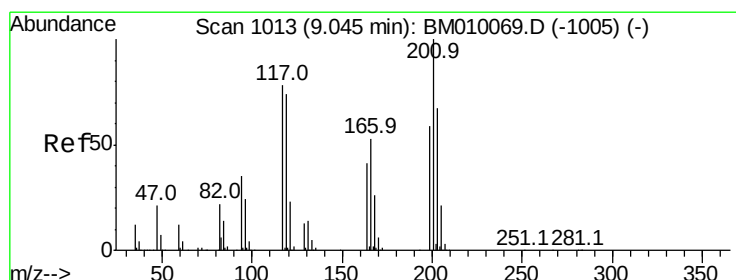
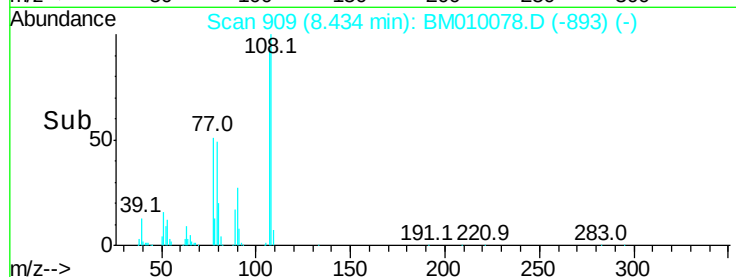
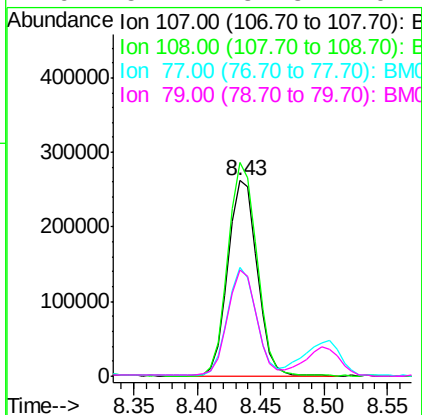
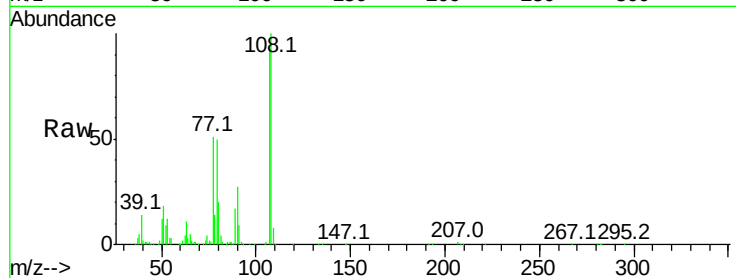




#17
2-Methylphenol
Concen: 41.55 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

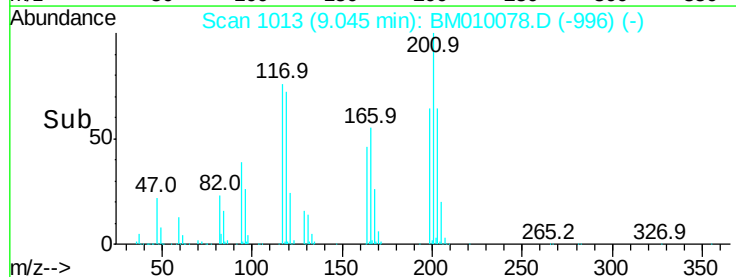
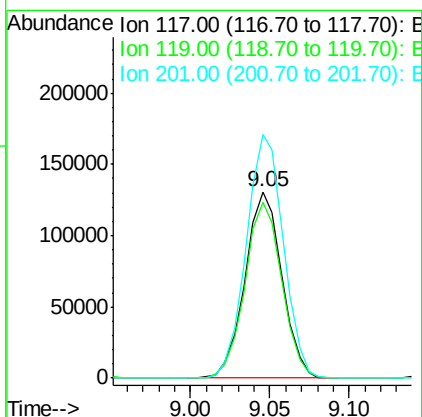
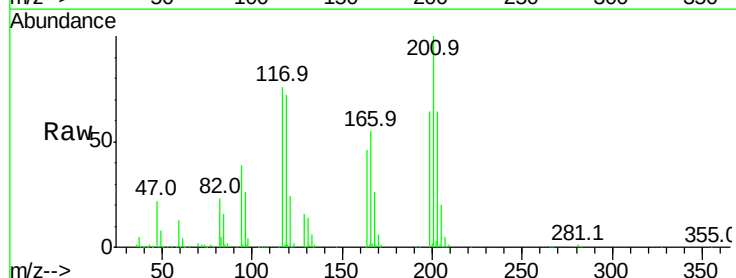
Instrument :
BNA_M
ClientSampleId :

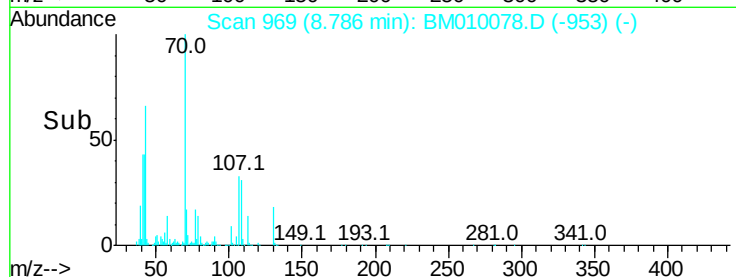
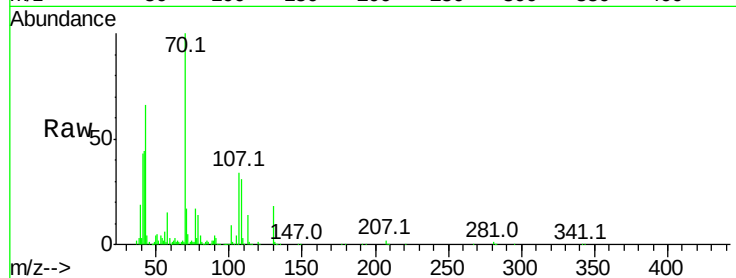
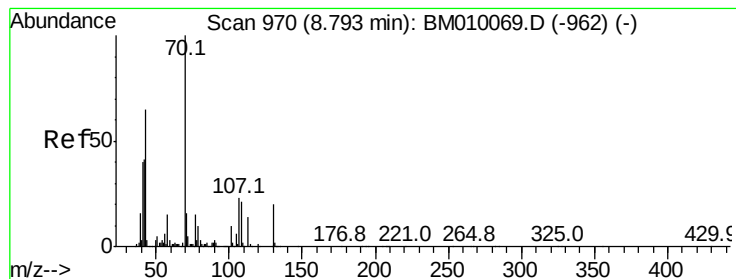
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.8	134.8
77	55.8	32.6	48.8#
79	54.1	32.8	49.2#



#18
Hexachloroethane
Concen: 43.89 ng
RT: 9.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.2	118.8
201	130.8	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 42.57 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010078.D

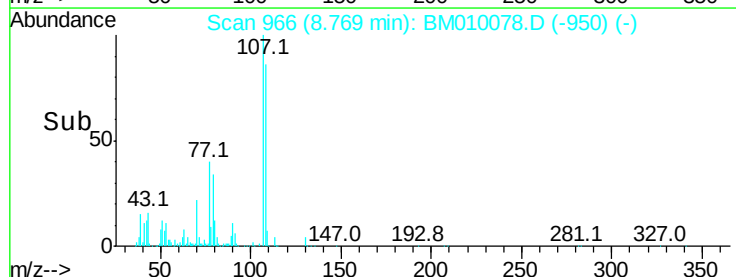
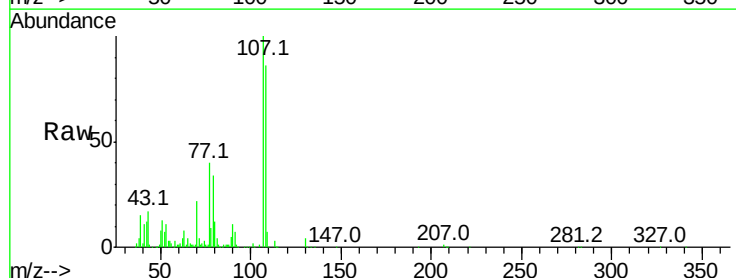
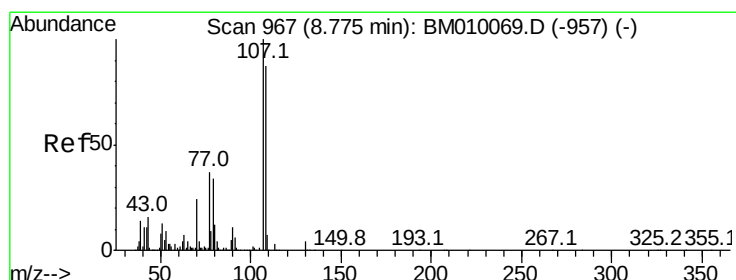
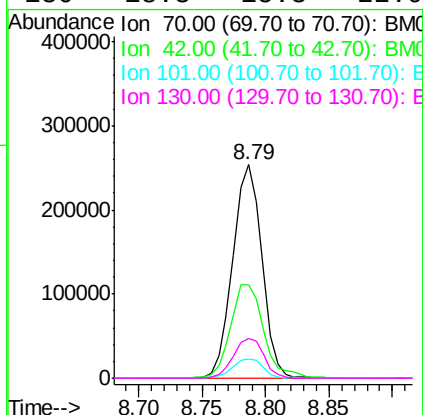
Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	403840
Ion	Ratio	Lower	Upper
70	100		
42	43.6	44.5	66.7#
101	9.0	7.4	11.2
130	18.3	15.3	22.9



#20

3+4-Methylphenols

Concen: 40.82 ng

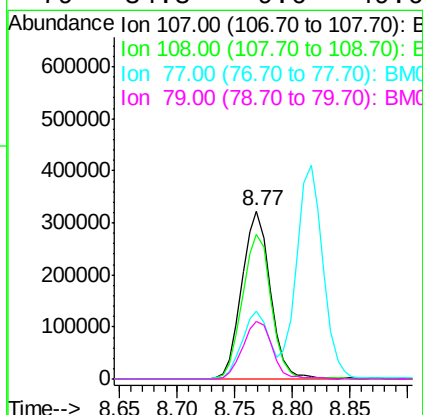
RT: 8.77 min Scan# 966

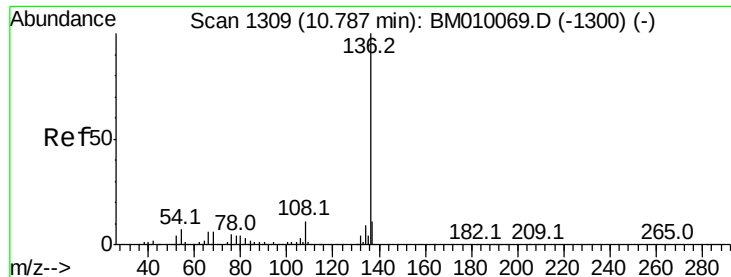
Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Tgt Ion:	107	Resp:	555536
Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.2	113.2
77	40.3	10.7	50.7
79	34.3	9.6	49.6

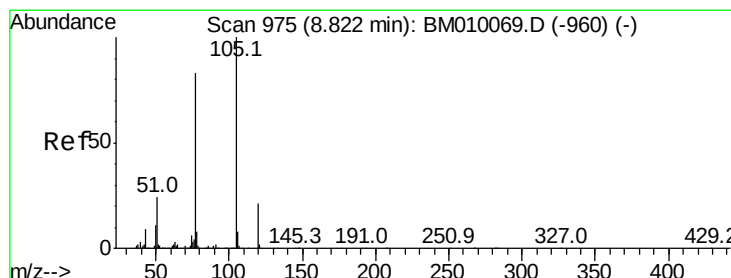
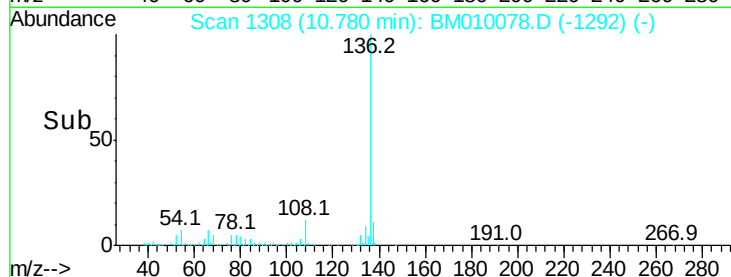
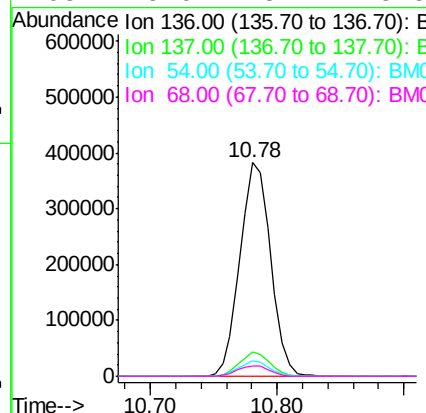
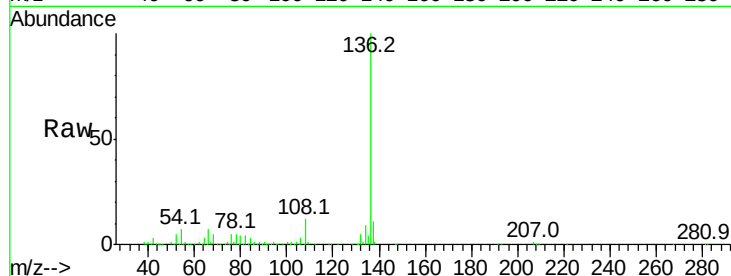




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

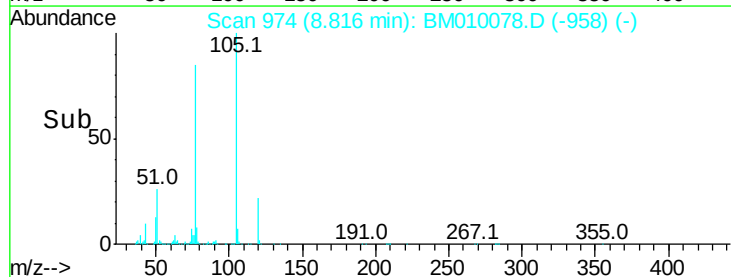
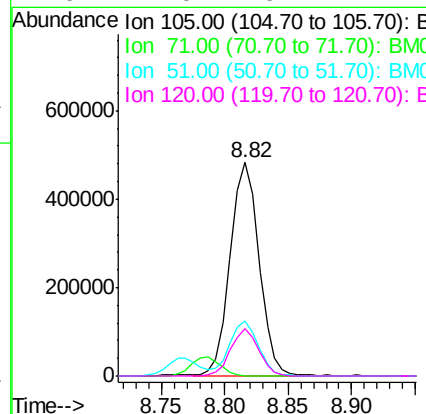
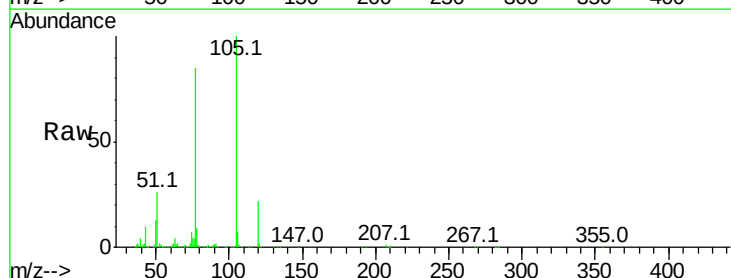
Instrument :
BNA_M
ClientSampled :

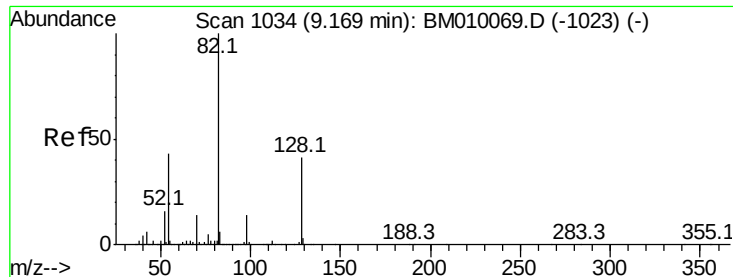
Tot Ion:136	Resp:	642491
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	7.1	4.6 6.8#
68	5.0	3.7 5.5



#22
Acetophenone
Concen: 46.11 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:105	Resp:	759442
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	25.8	21.6 32.4
120	22.0	16.1 24.1

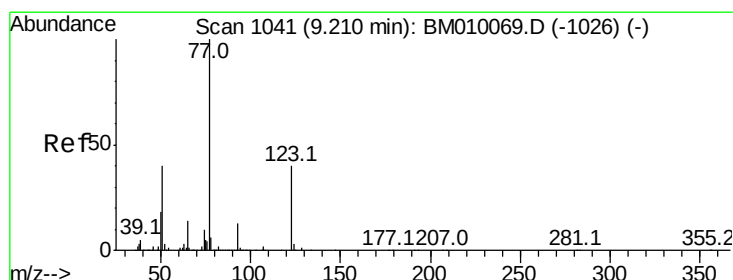
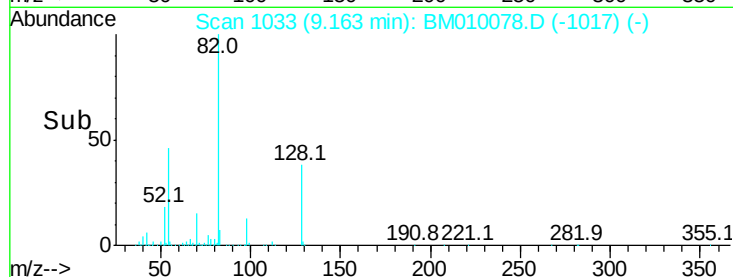
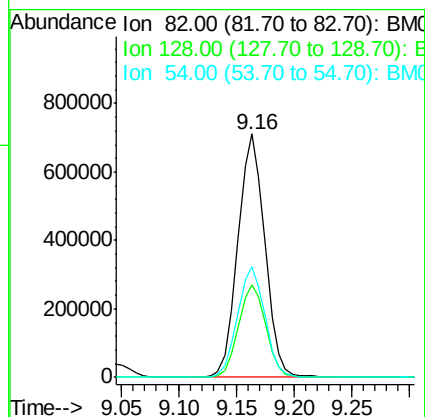
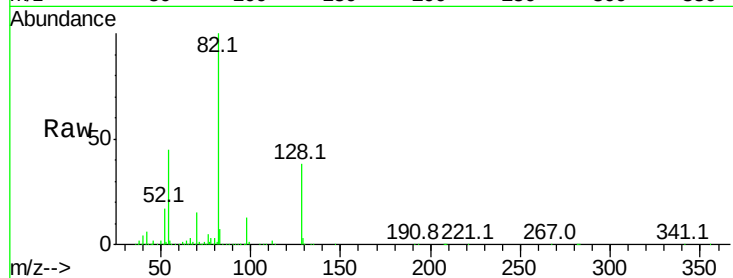




#23
 Nitrobenzene-d5
 Concen: 97.07 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

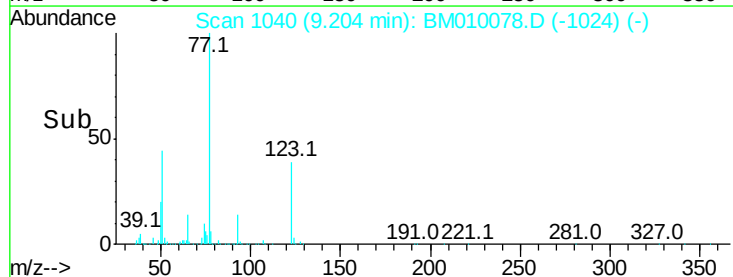
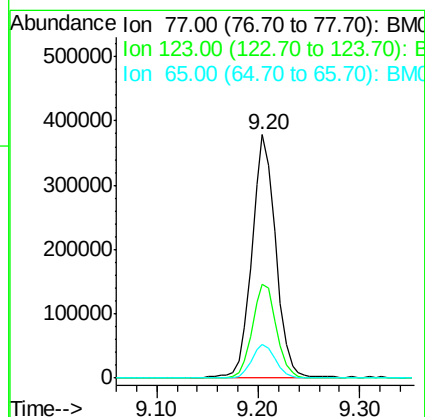
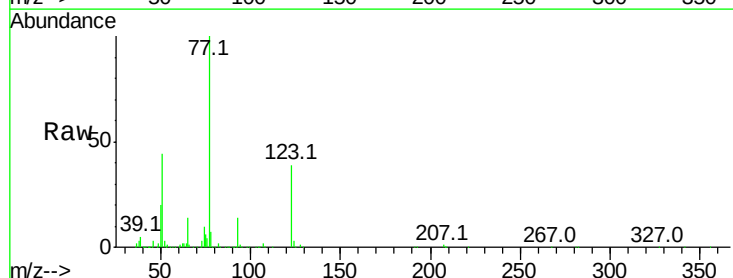
Instrument :
 BNA_M
 ClientSampleId :

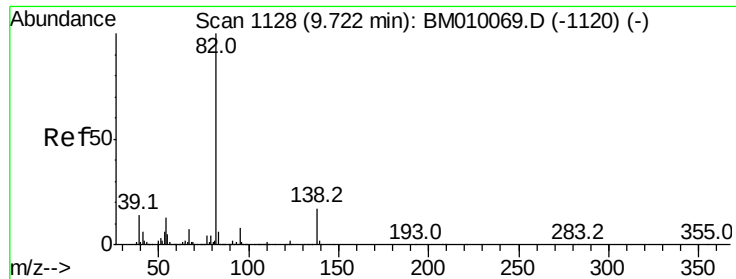
Tot Ion: 82 Resp: 1156008
 Ion Ratio Lower Upper
 82 100
 128 38.1 32.8 49.2
 54 45.3 40.6 60.8



#24
 Nitrobenzene
 Concen: 50.00 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion: 77 Resp: 613428
 Ion Ratio Lower Upper
 77 100
 123 38.5 32.6 49.0
 65 13.8 10.9 16.3





#25

Isophorone

Concen: 48.55 ng

RT: 9.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

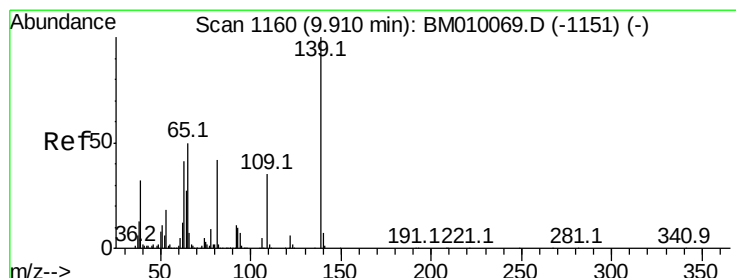
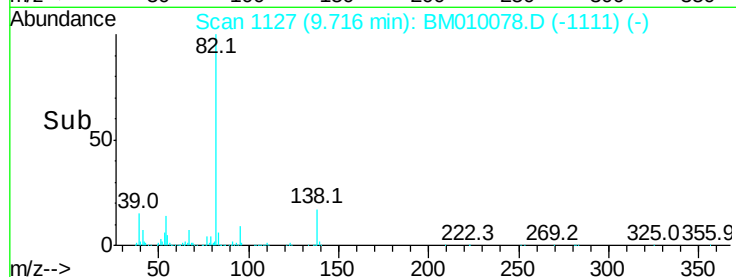
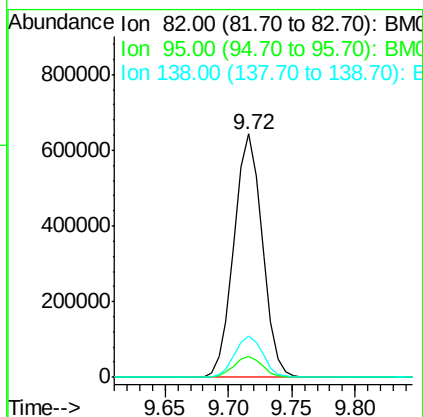
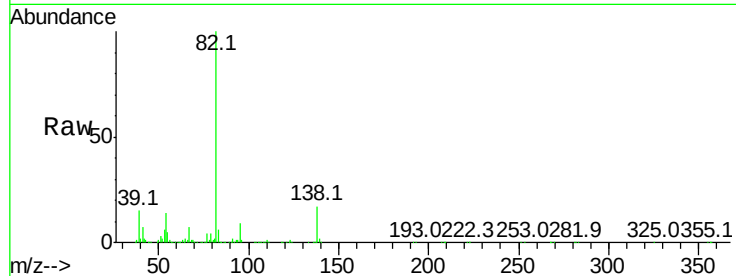
Tot Ion: 82 Resp: 999102

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.6#

138 17.0 16.3 24.5



#26

2-Nitrophenol

Concen: 48.08 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

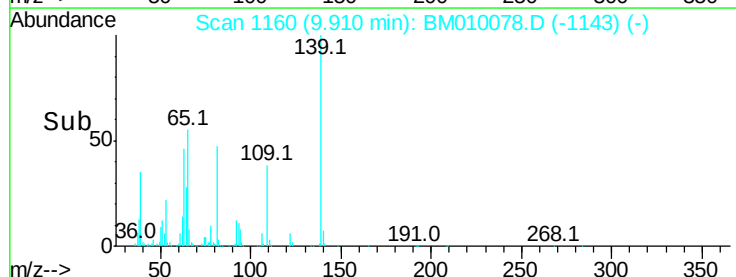
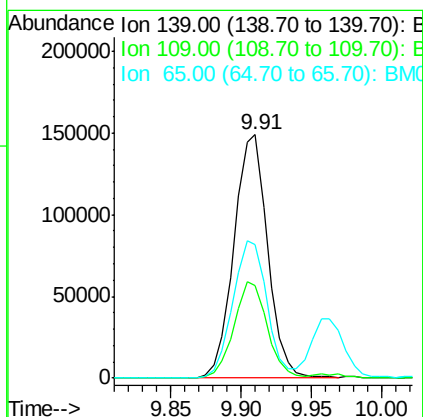
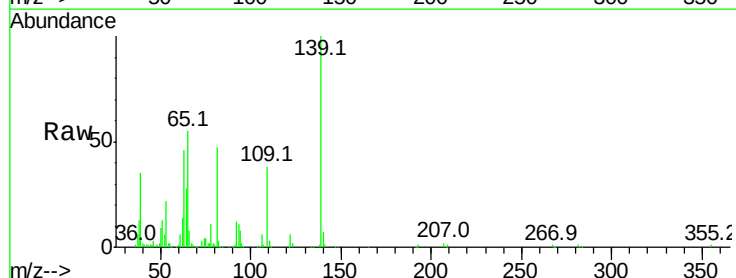
Tgt Ion: 139 Resp: 248610

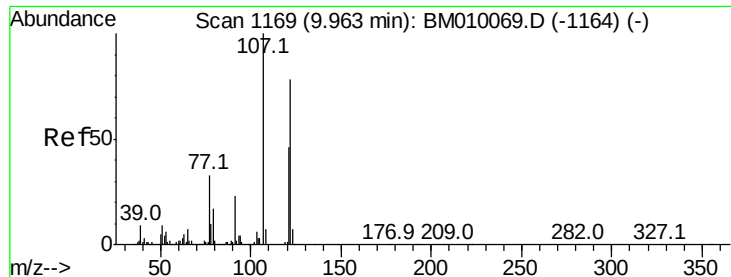
Ion Ratio Lower Upper

139 100

109 38.1 20.1 30.1#

65 54.8 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 47.01 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

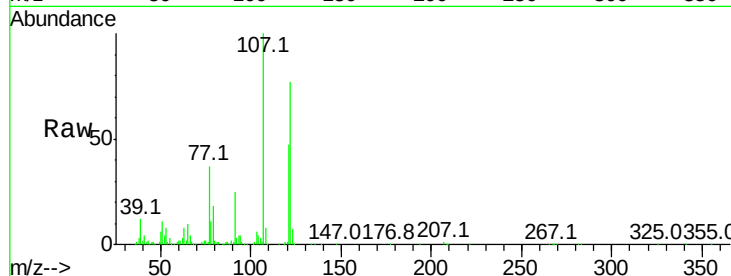
Tot Ion:122 Resp: 438985

Ion Ratio Lower Upper

122 100

107 130.0 84.7 127.1#

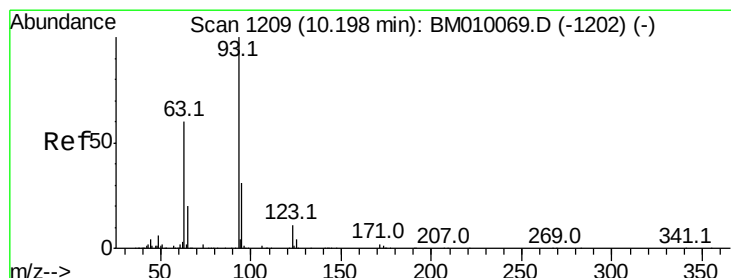
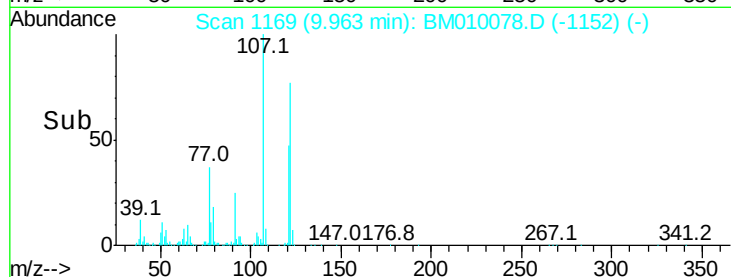
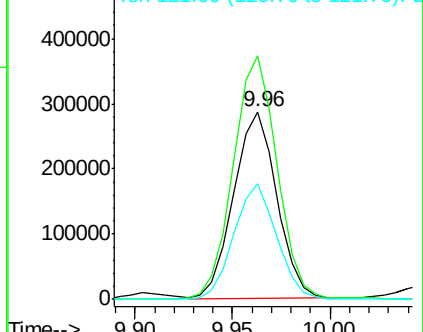
121 61.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.25 ng

RT: 10.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

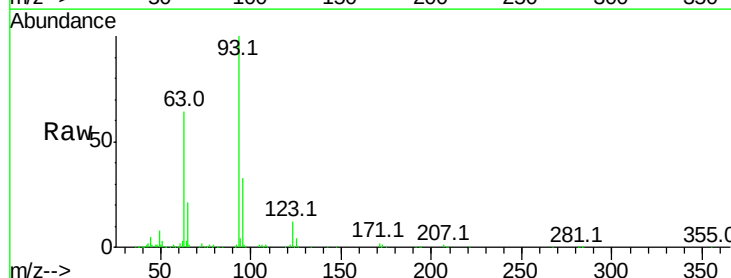
Tgt Ion: 93 Resp: 551750

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

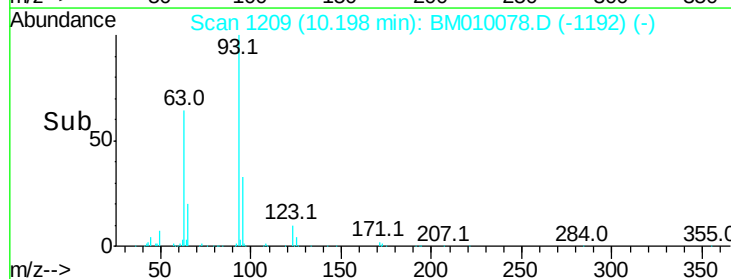
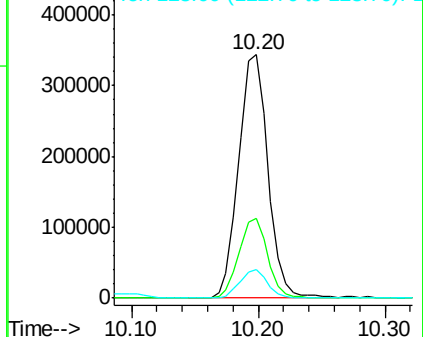
123 11.5 8.6 13.0

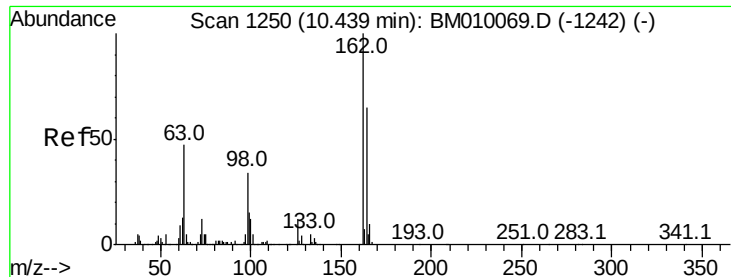


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

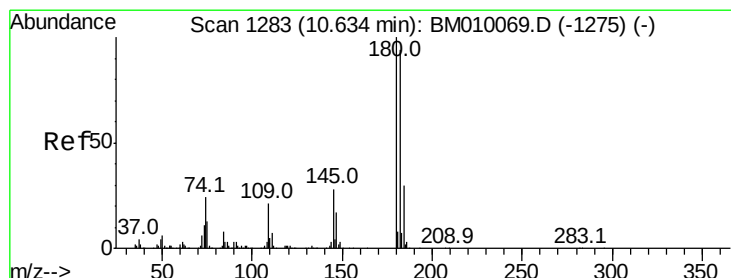
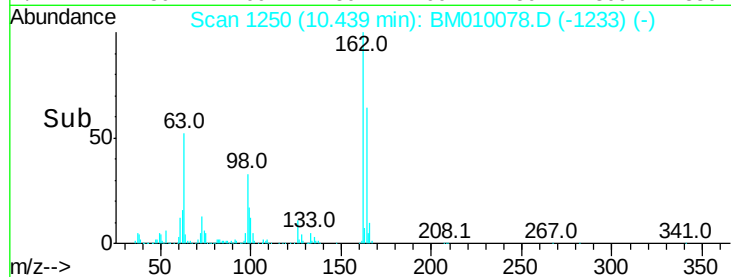
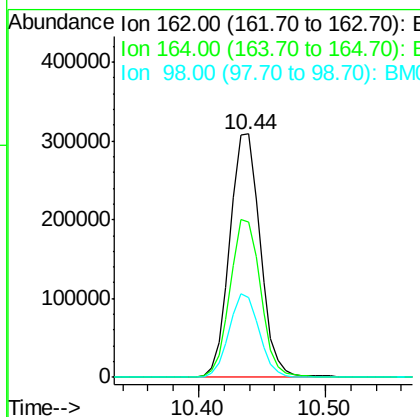
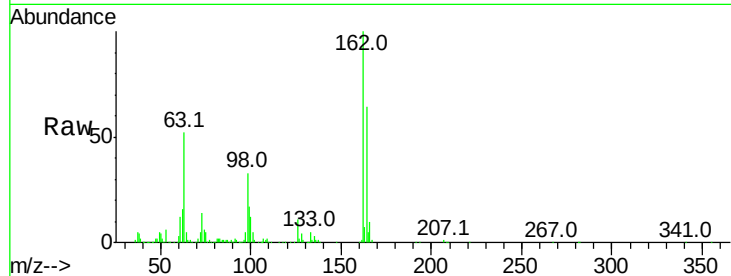




#29
 2,4-Dichlorophenol
 Concen: 48.00 ng
 RT: 10.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

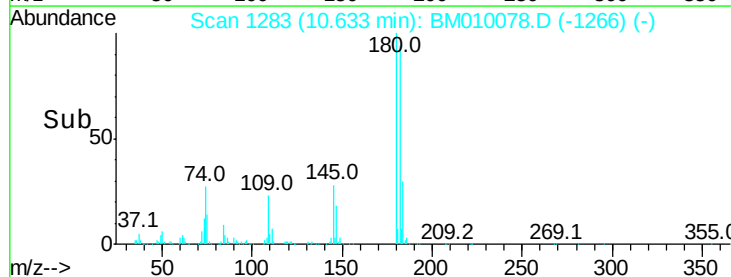
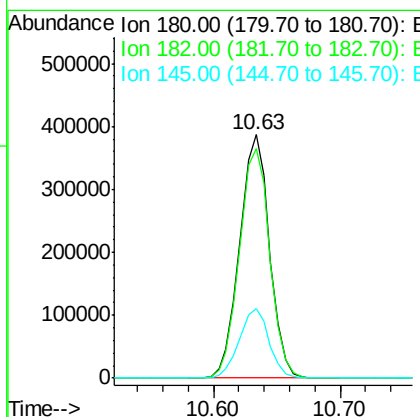
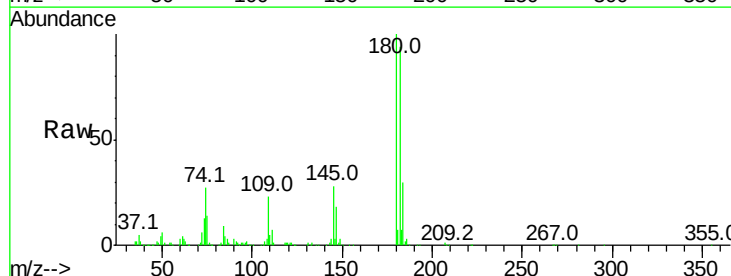
Instrument :
 BNA_M
 ClientSampleId :

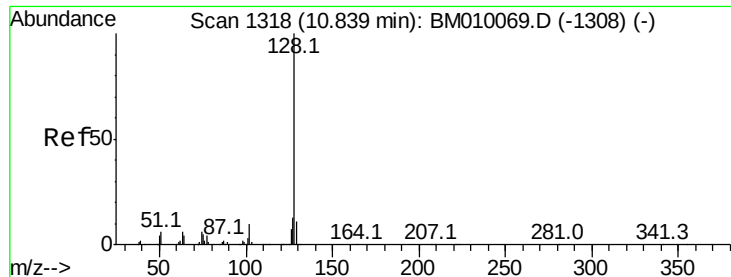
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.8	82.8
98	33.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.25 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.6	116.4
145	28.4	23.4	35.2

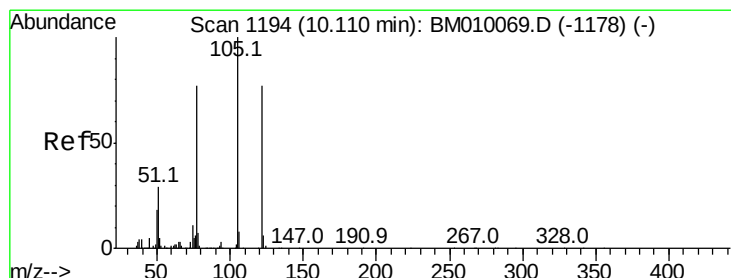
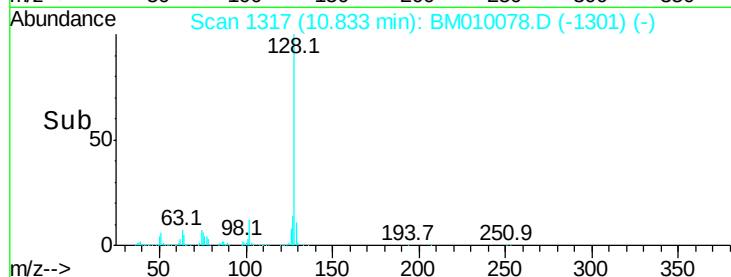
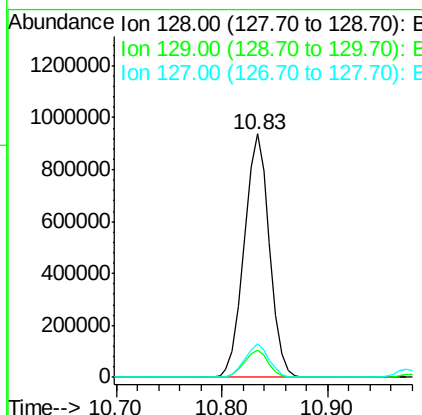
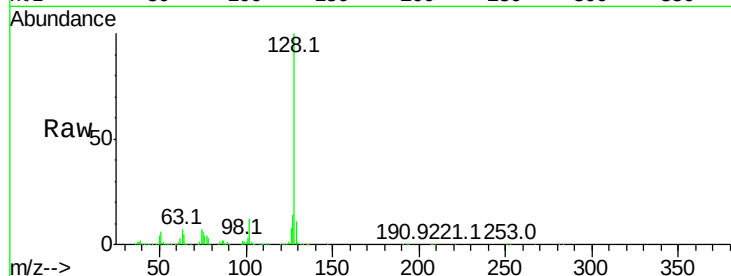




#31
Naphthalene
Concen: 45.14 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

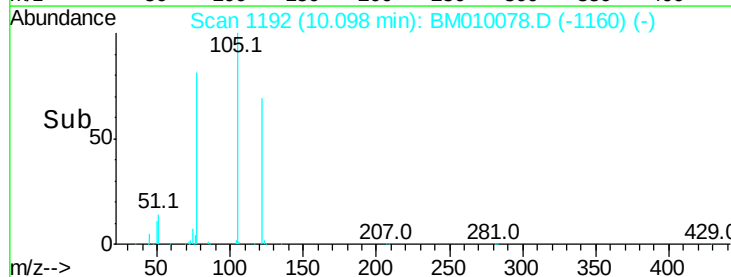
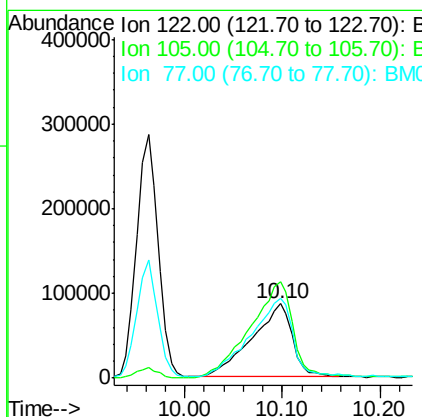
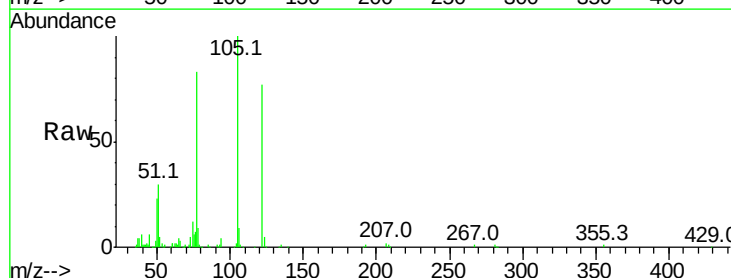
Instrument :
BNA_M
ClientSampleId :

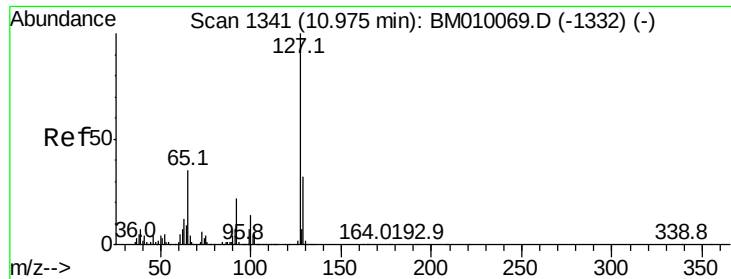
Tot Ion:128 Resp: 1551531
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.7 10.4 15.6



#32
Benzoic acid
Concen: 39.44 ng
RT: 10.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:122 Resp: 250972
Ion Ratio Lower Upper
122 100
105 129.4 99.9 139.9
77 107.6 73.7 113.7

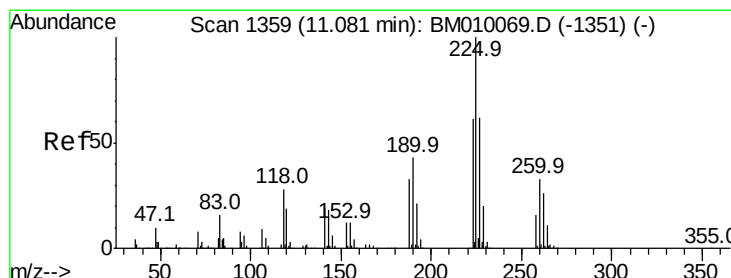
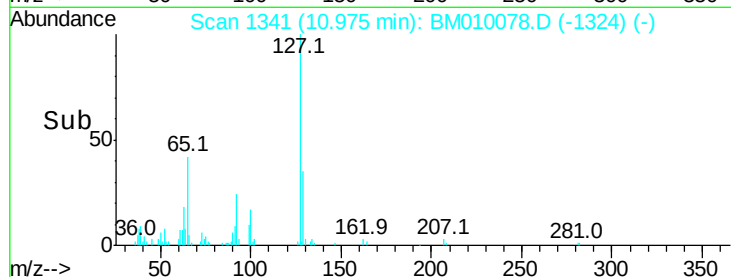
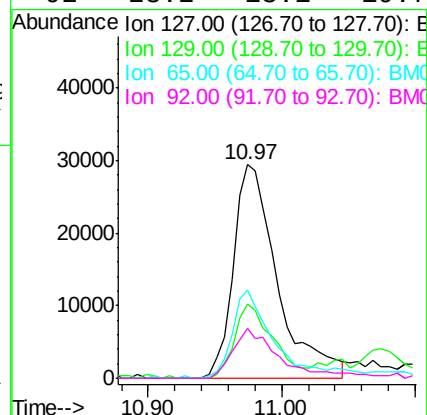
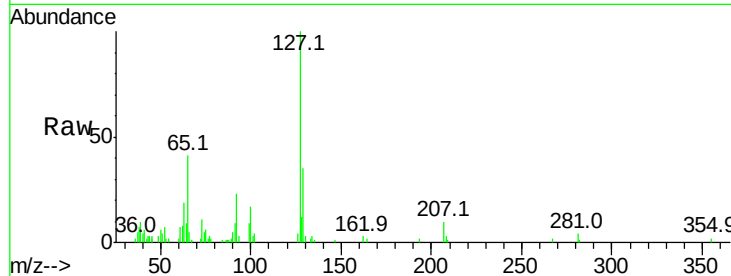




#33
4-Chloroaniline
Concen: 5.10 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

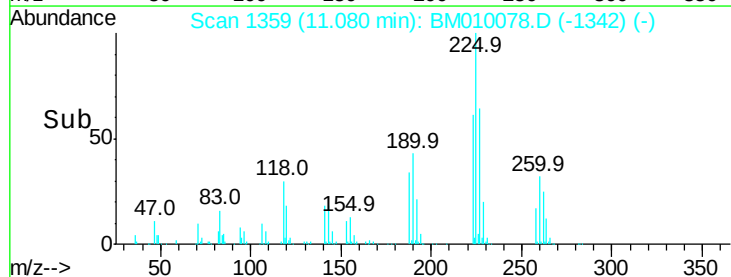
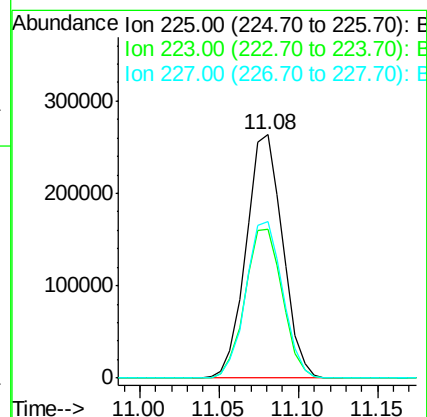
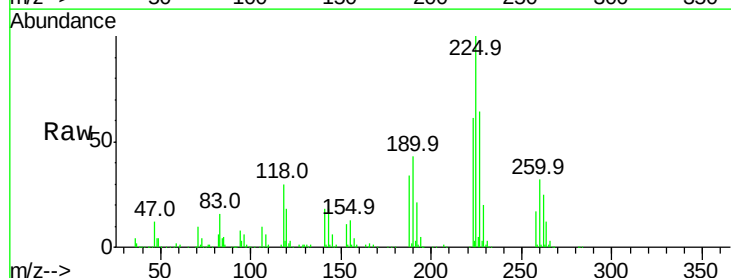
Instrument :
BNA_M
ClientSampleId :

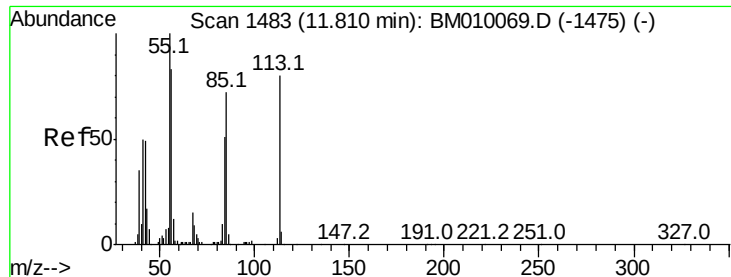
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.3	37.9
65	41.2	17.6	26.4
92	23.2	13.1	19.7



#34
Hexachlorobutadiene
Concen: 45.42 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	47.9	71.9
227	64.3	50.1	75.1





#35

Caprolactam

Concen: 21.09 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

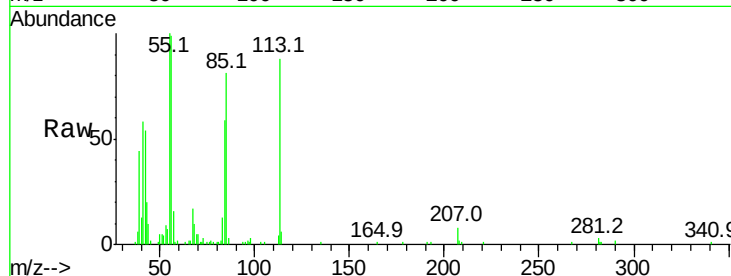
Tot Ion:113 Resp: 65050

Ion Ratio Lower Upper

113 100

55 113.3 145.9 185.9#

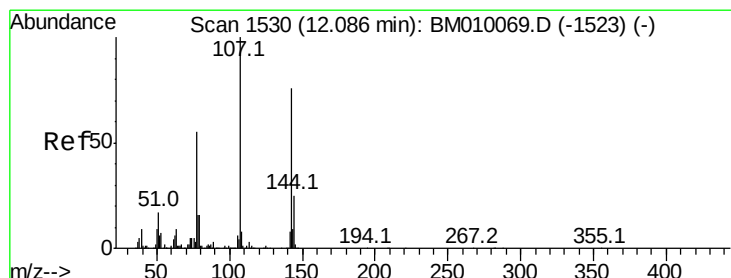
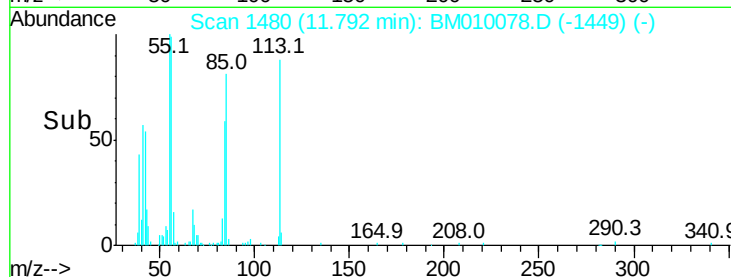
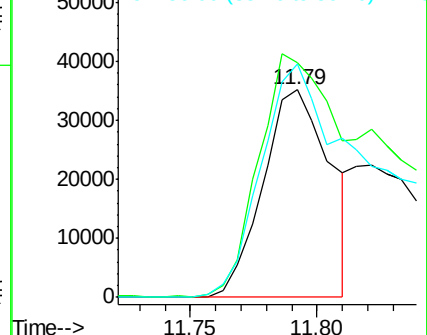
56 112.5 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.13 ng

RT: 12.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

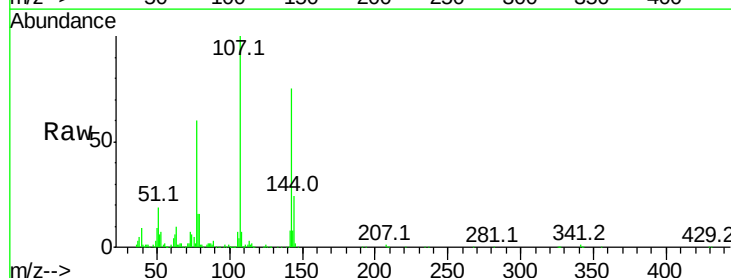
Tgt Ion:107 Resp: 513783

Ion Ratio Lower Upper

107 100

144 24.2 23.3 34.9

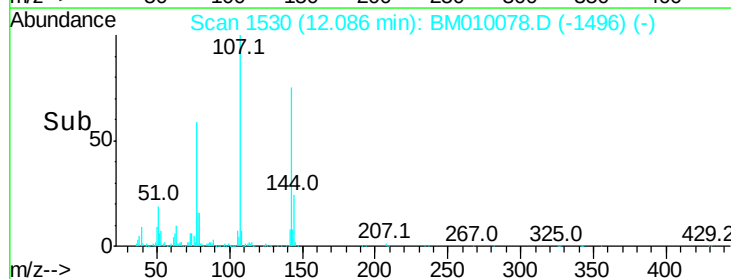
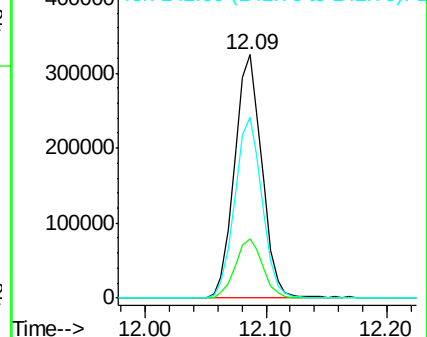
142 74.6 72.6 109.0

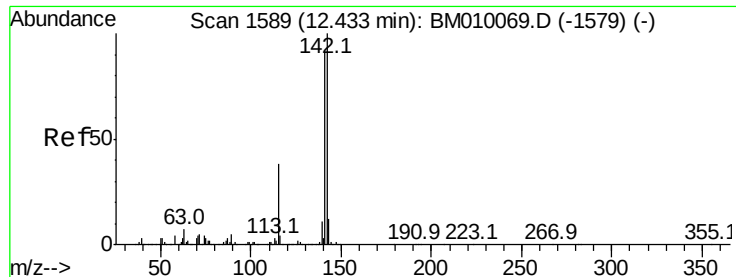


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



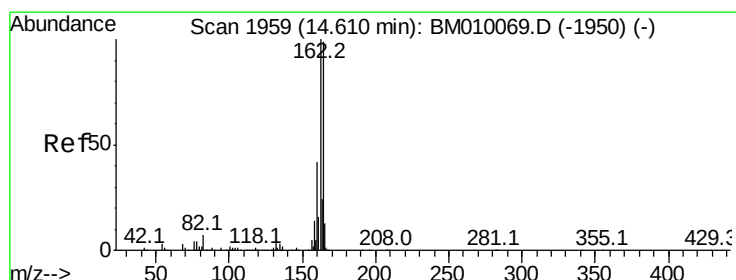
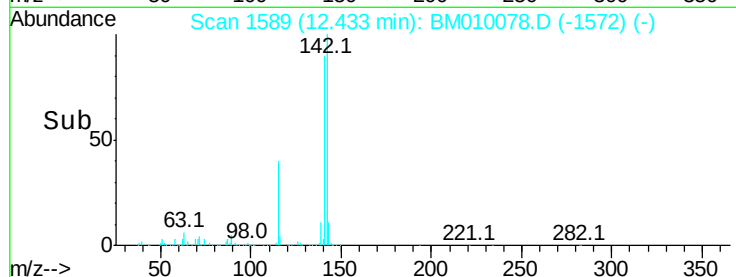
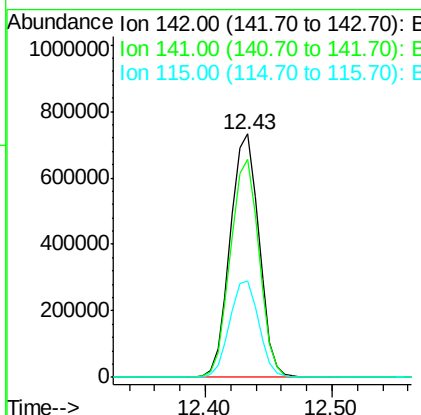
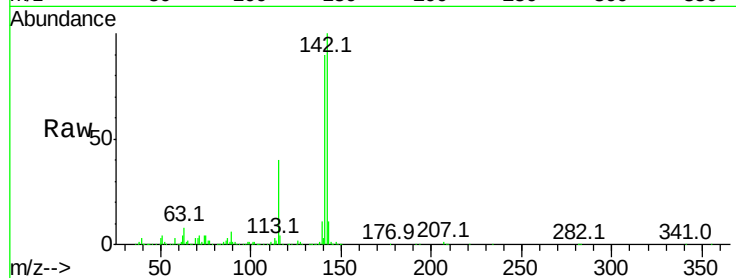


#37
 2-Methylnaphthalene
 Concen: 46.54 ng
 RT: 12.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:142 Resp: 1151692

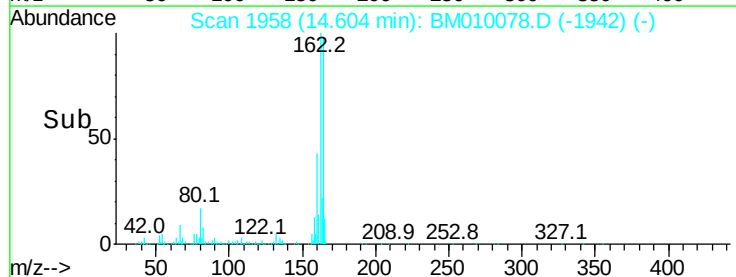
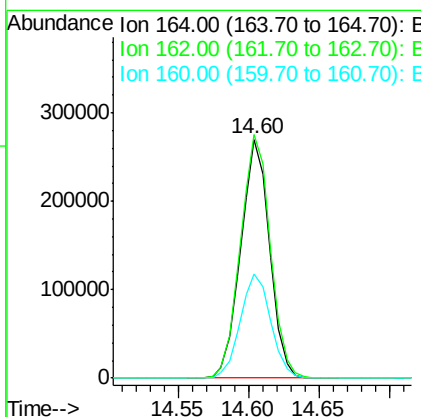
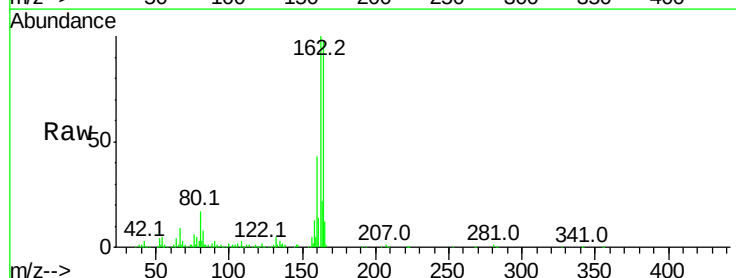
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	39.7	25.4	38.0#

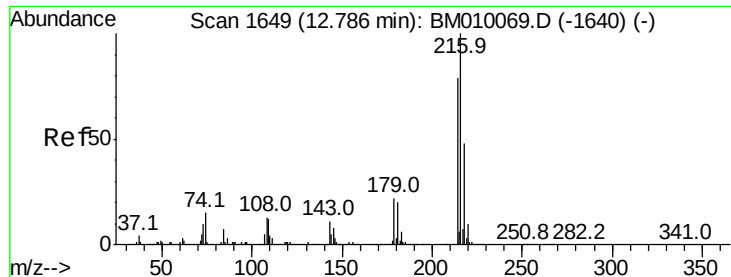


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion:164 Resp: 386786

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	43.5	35.8	53.6

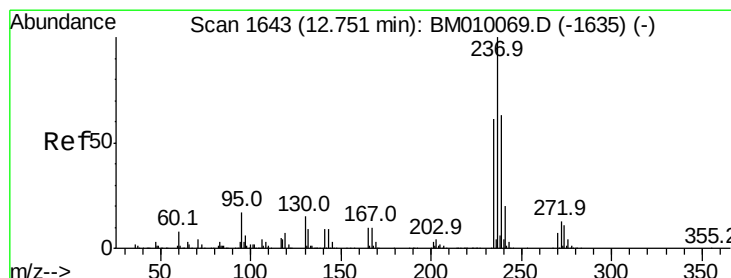
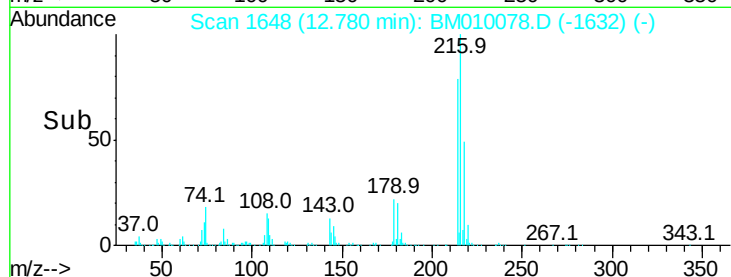
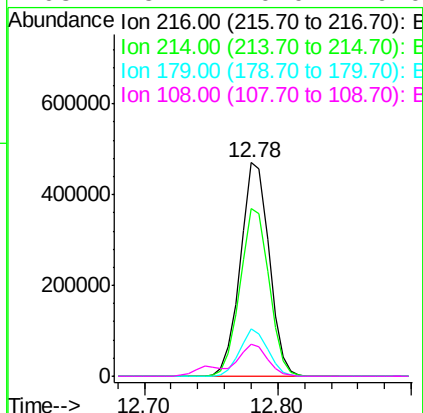
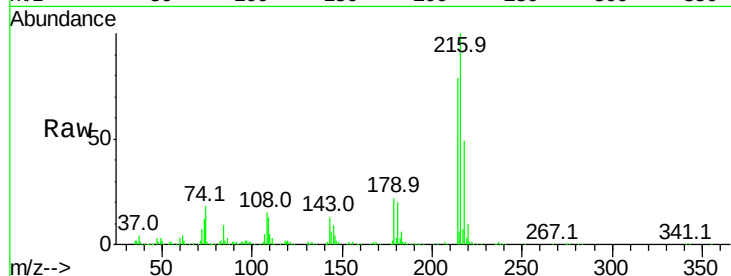




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.12 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

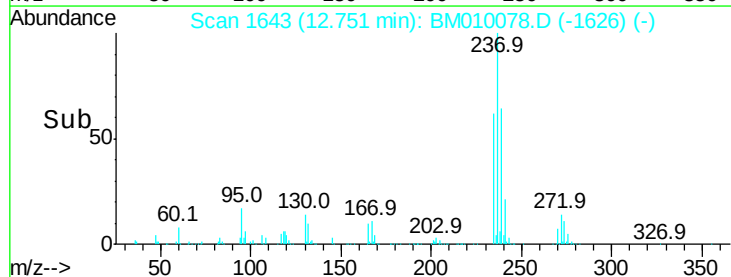
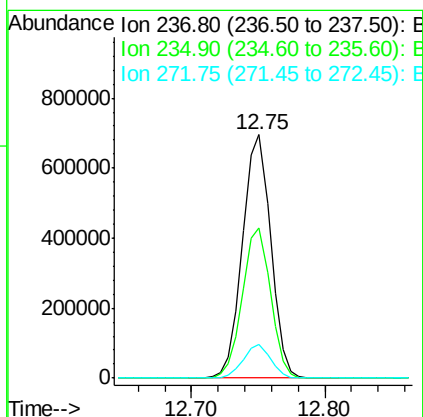
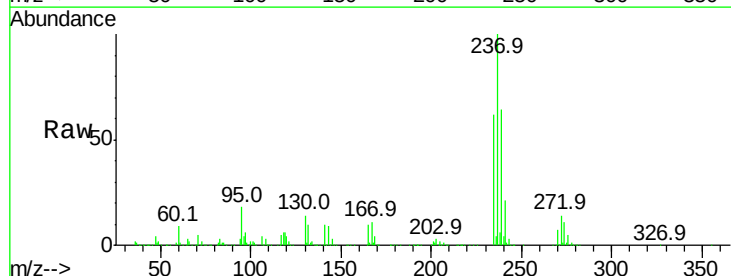
Instrument :
 BNA_M
 ClientSampleId :

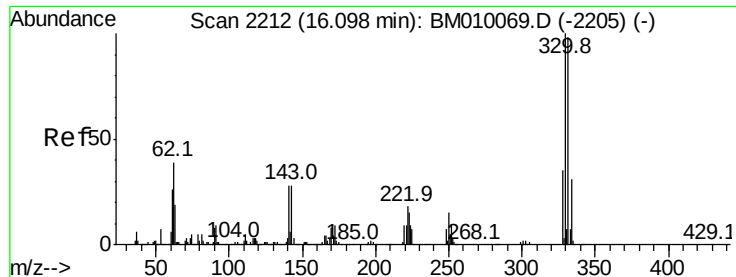
Tot Ion:	216	Resp:	700897
Ion	Ratio	Lower	Upper
216	100		
214	79.3	0.0	0.0#
179	21.6	0.0	0.0#
108	15.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 118.10 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion:	237	Resp:	1014211
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	13.9	0.0	33.4

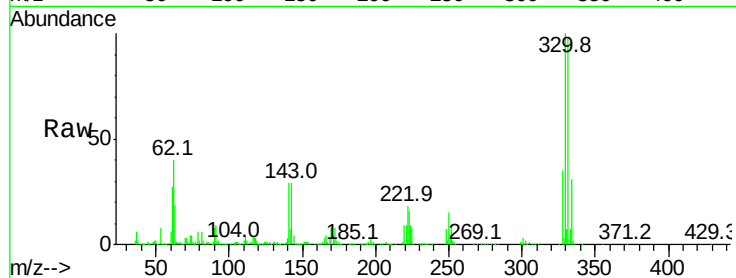




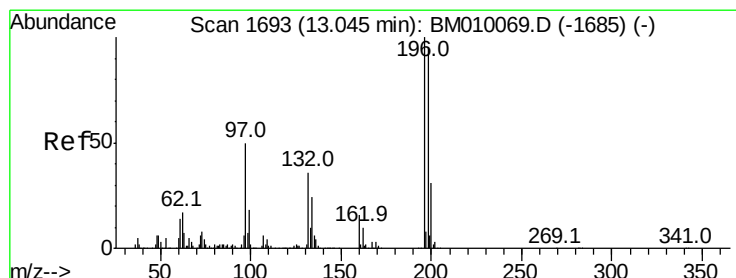
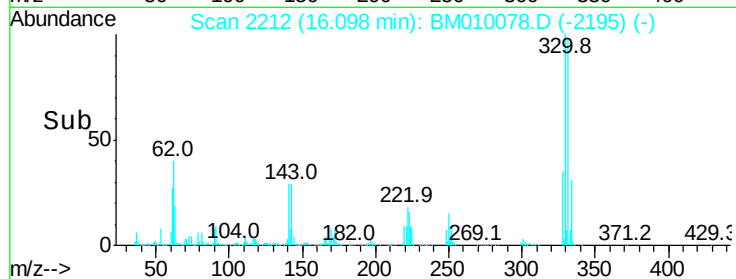
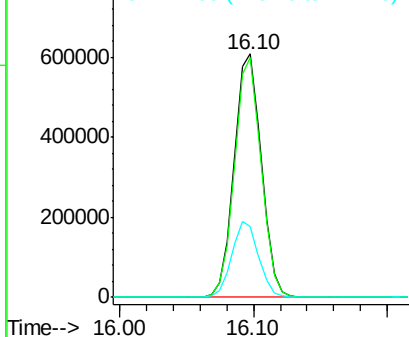
#41
 2,4,6-Tribromophenol
 Concen: 146.93 ng
 RT: 16.10 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	30.9	0.0	0.0#

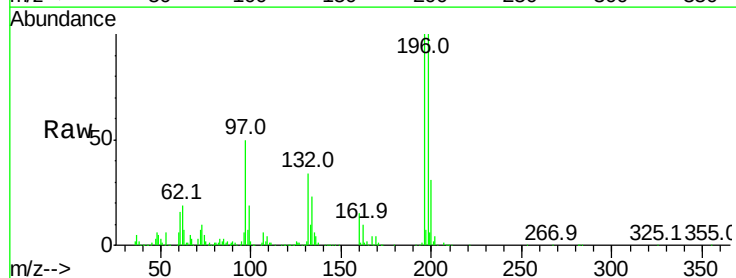


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

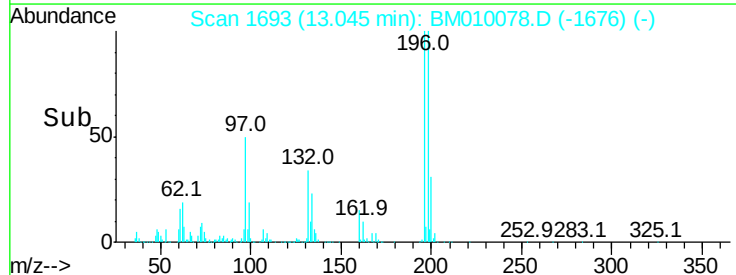
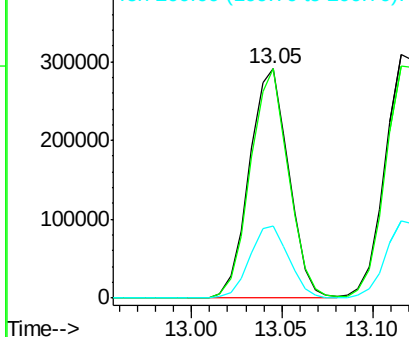


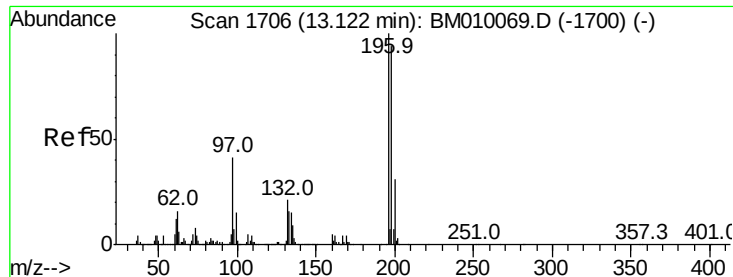
#42
 2,4,6-Trichlorophenol
 Concen: 50.03 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	76.3	114.5
200	31.4	25.6	38.4



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

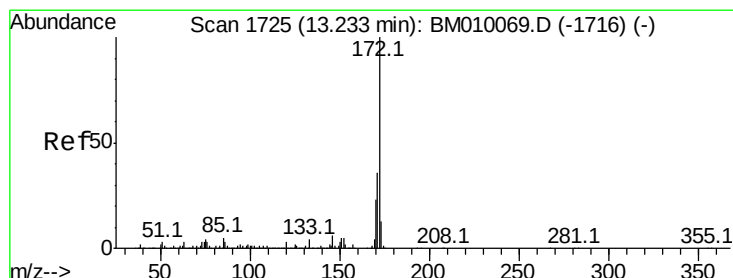
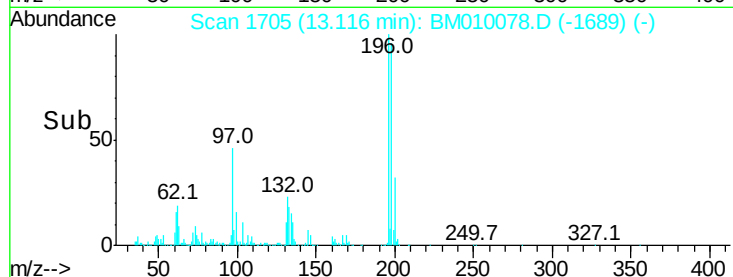
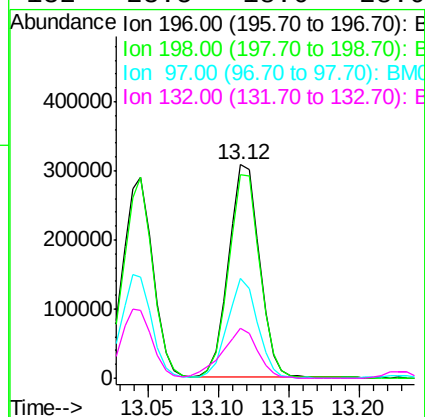
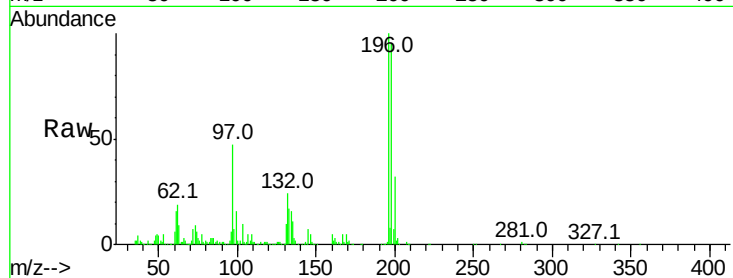




#43
 2,4,5-Trichlorophenol
 Concen: 48.83 ng
 RT: 13.12 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

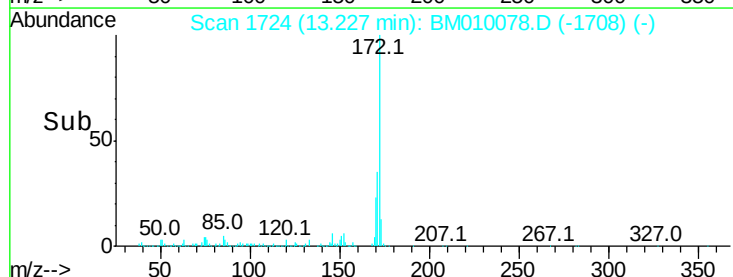
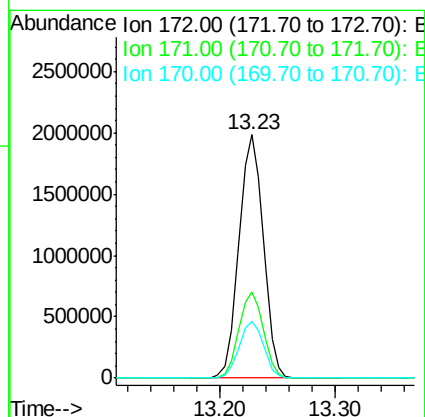
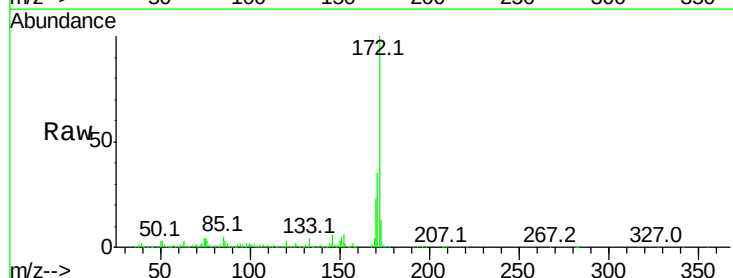
Instrument :
 BNA_M
 ClientSampled :

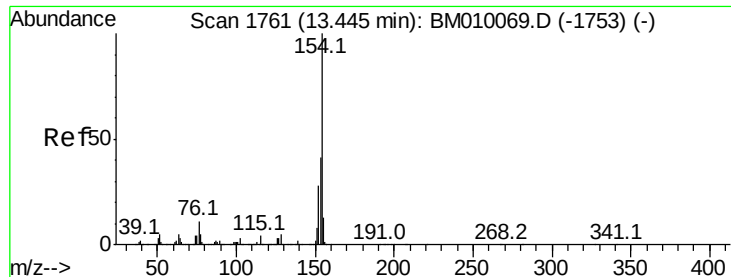
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.0
97	46.7	26.8	40.2
132	23.5	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 96.43 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	18.8	28.2





#45

1,1'-Biphenyl

Concen: 47.15 ng

RT: 13.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

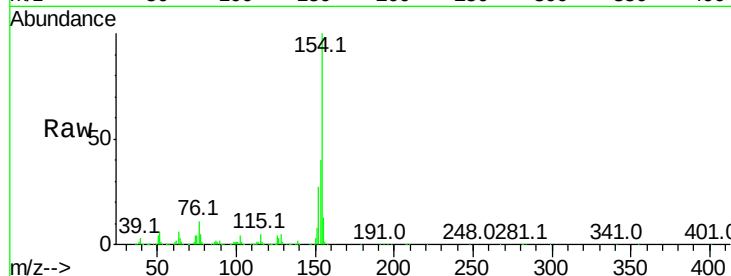
Tot Ion:154 Resp: 1499737

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.7	60.7
76	11.4	0.0	30.9

154 100

153 39.8 20.7 60.7

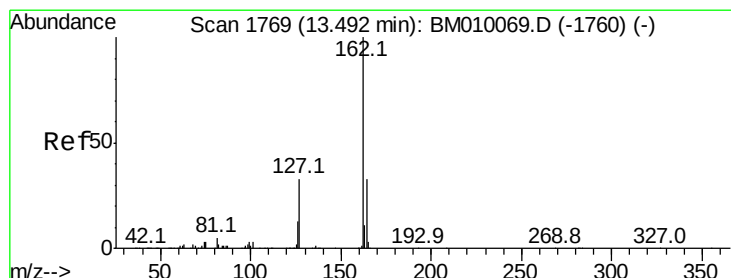
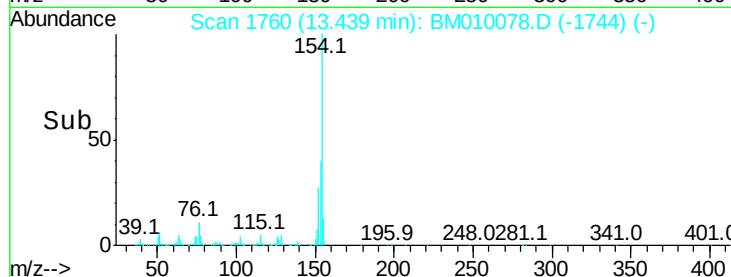
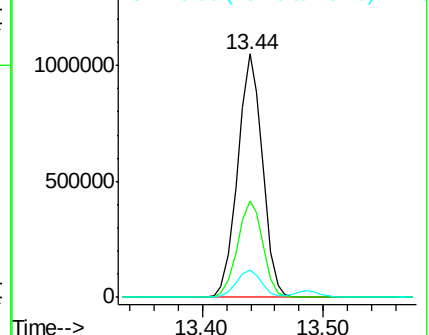
76 11.4 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 45.98 ng

RT: 13.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

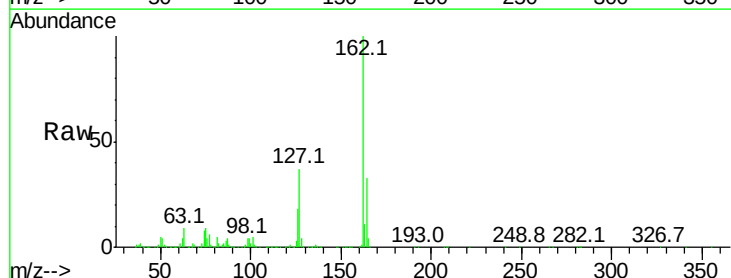
Tgt Ion:162 Resp: 1184115

Ion	Ratio	Lower	Upper
162	100		
127	36.8	26.9	40.3
164	33.0	26.8	40.2

162 100

127 36.8 26.9 40.3

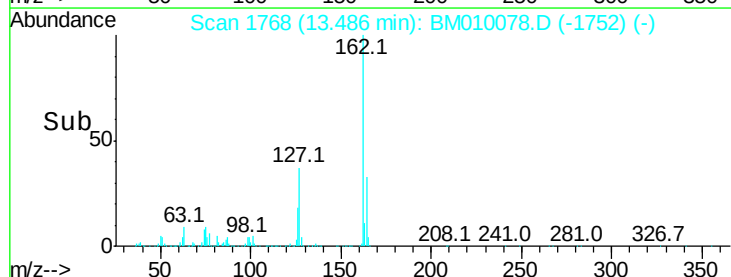
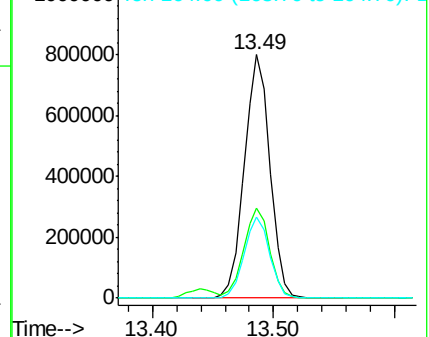
164 33.0 26.8 40.2

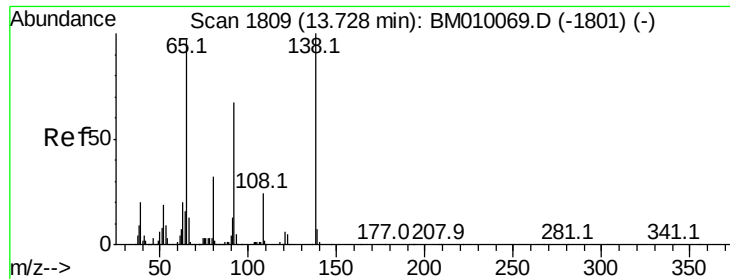


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

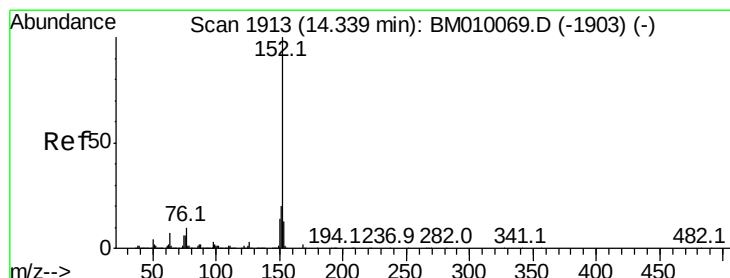
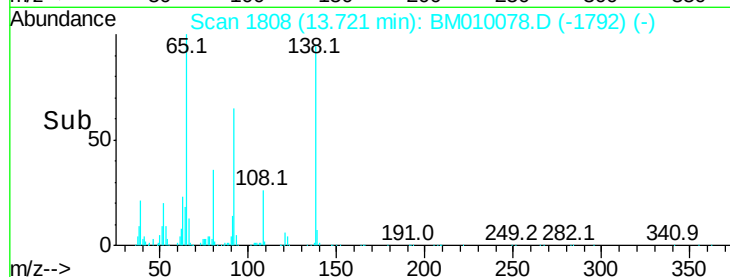
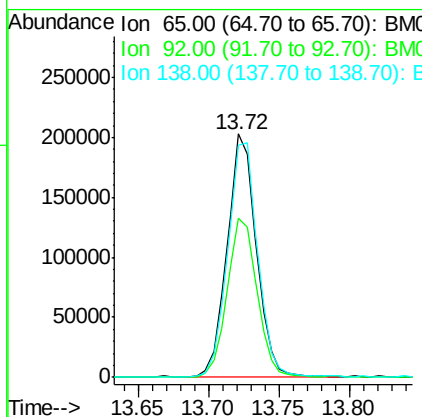
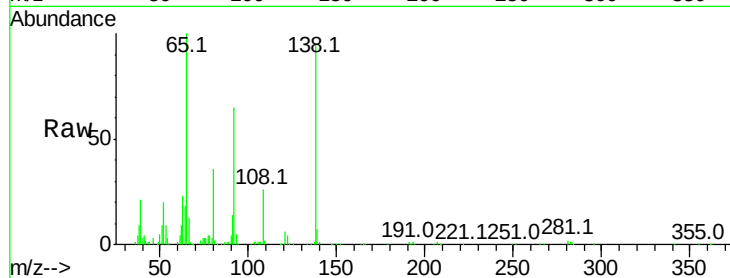




#47
2-Nitroaniline
Concen: 44.45 ng
RT: 13.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

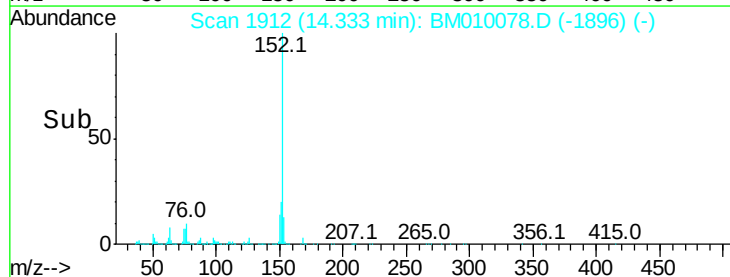
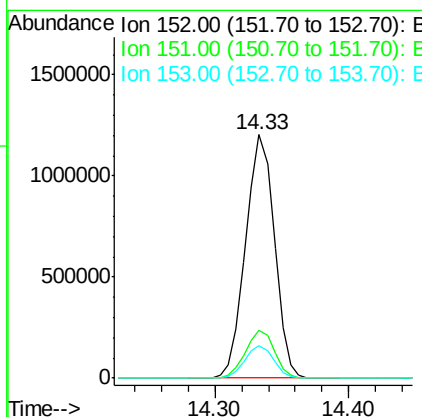
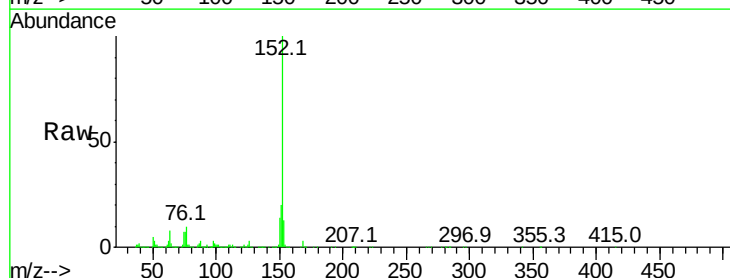
Instrument :
BNA_M
ClientSampleId :

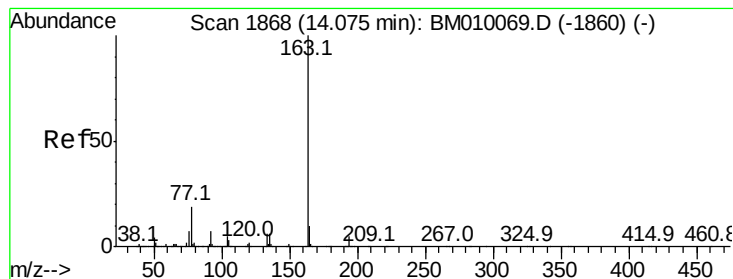
Tot Ion: 65 Resp: 294381
Ion Ratio Lower Upper
65 100
92 65.4 59.1 88.7
138 95.5 93.9 140.9



#48
Acenaphthylene
Concen: 47.09 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion: 152 Resp: 1793265
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 44.04 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

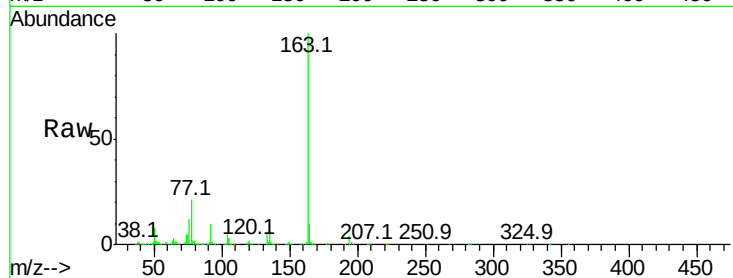
Tot Ion:163 Resp: 1519419

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

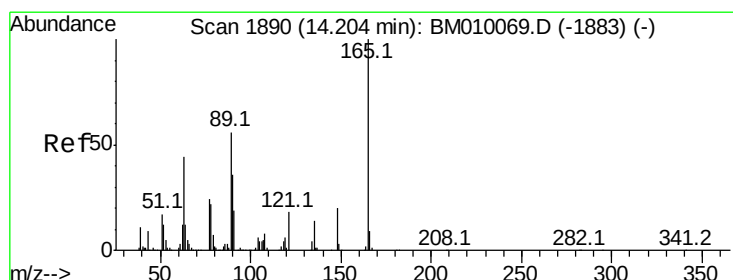
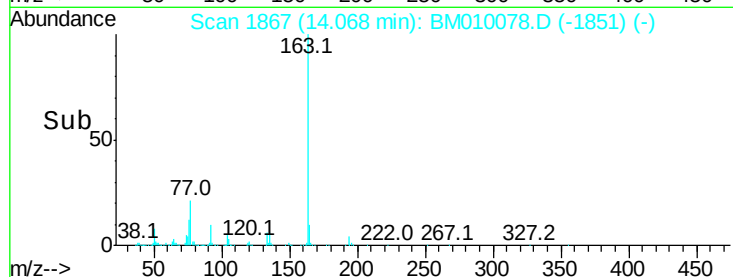
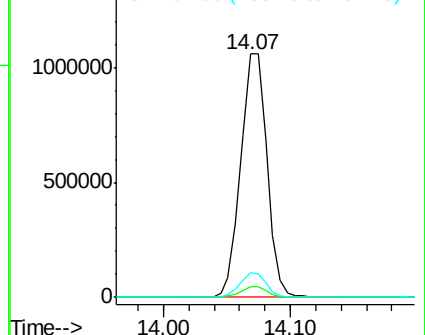
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.08 ng

RT: 14.20 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

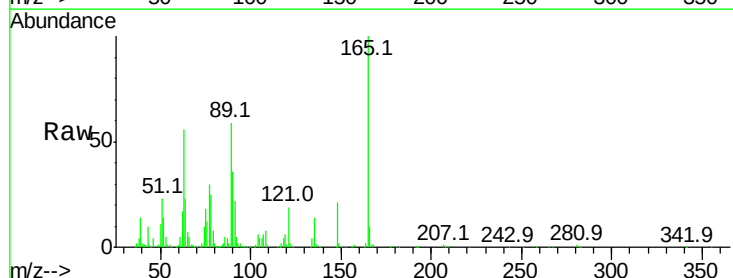
Tgt Ion:165 Resp: 314990

Ion Ratio Lower Upper

165 100

63 56.4 44.1 66.1

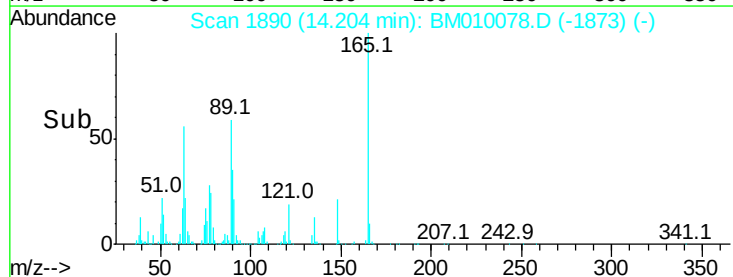
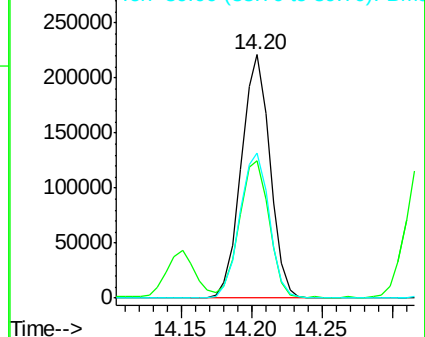
89 59.3 44.3 66.5

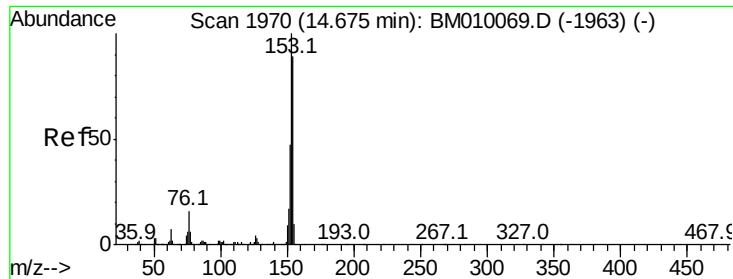


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.89 ng

RT: 14.67 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

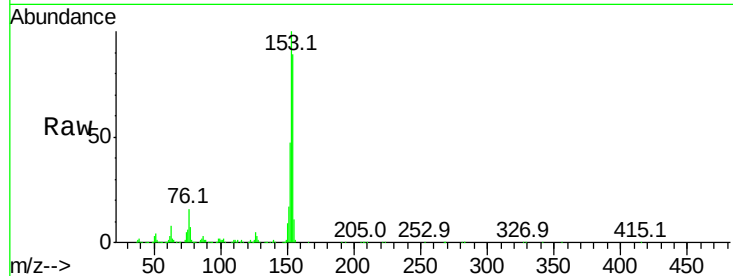
Tot Ion:154 Resp: 1110111

Ion Ratio Lower Upper

154 100

153 111.9 90.0 135.0

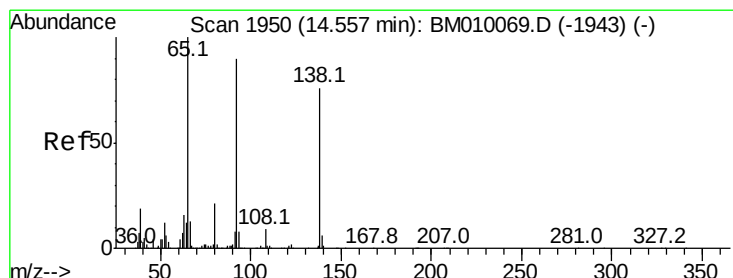
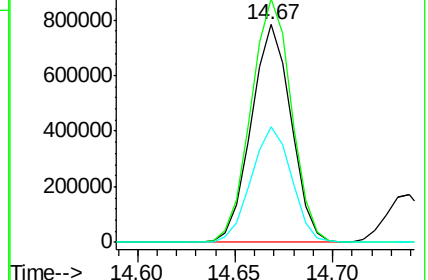
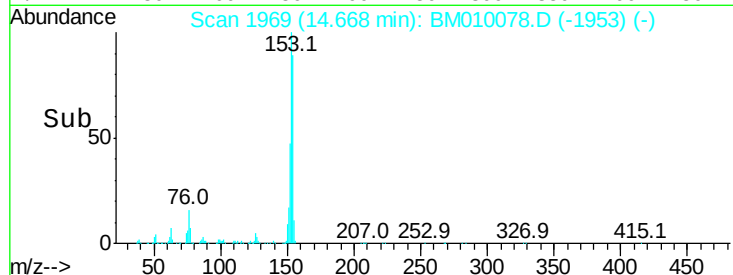
152 52.9 42.6 63.8



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: 22.09 ng

RT: 14.55 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

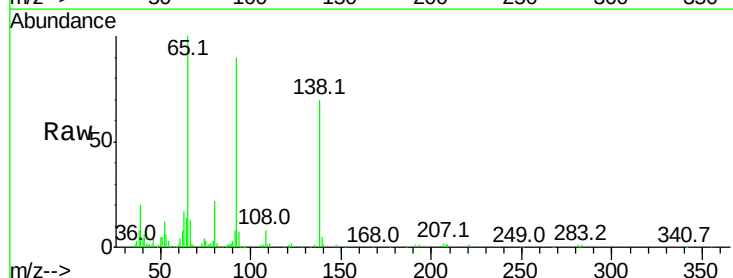
Tgt Ion:138 Resp: 134479

Ion Ratio Lower Upper

138 100

108 12.2 7.3 10.9#

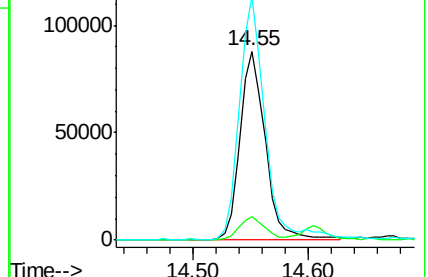
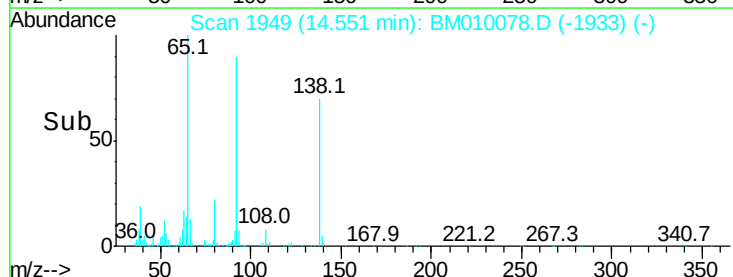
92 129.1 76.6 114.8#

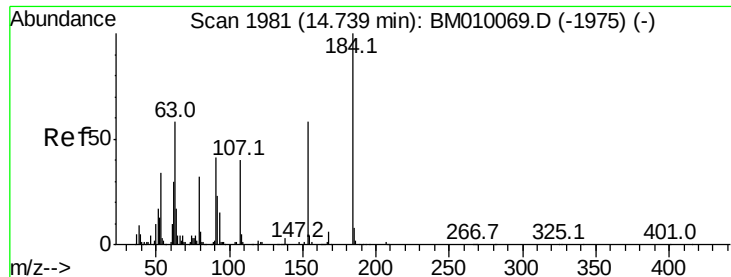


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

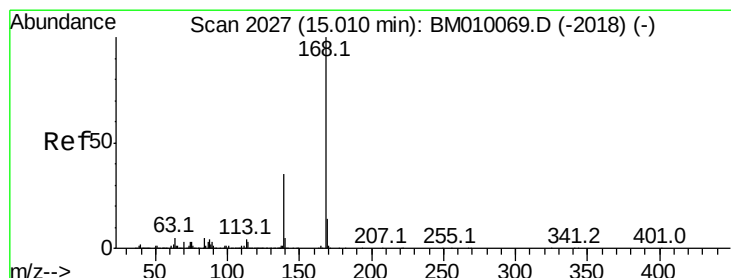
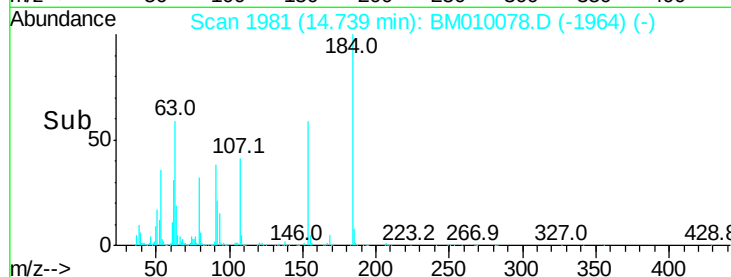
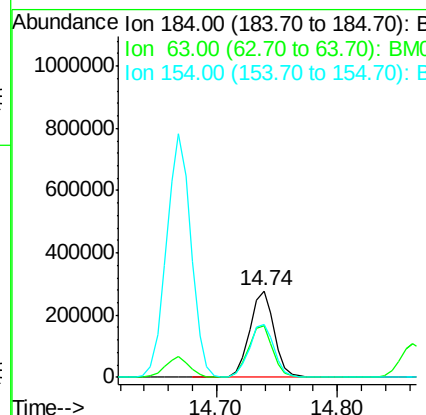
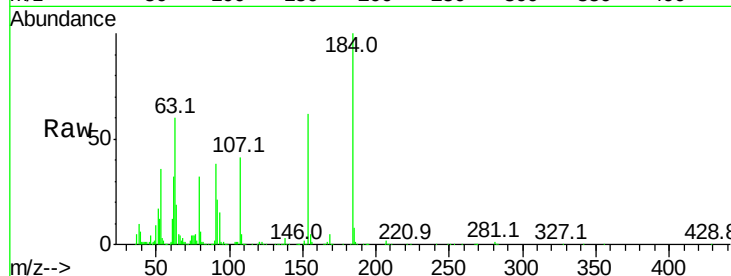




#53
2,4-Dinitrophenol
Concen: 89.69 ng
RT: 14.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

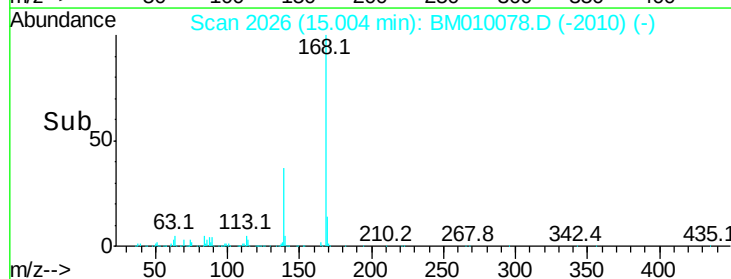
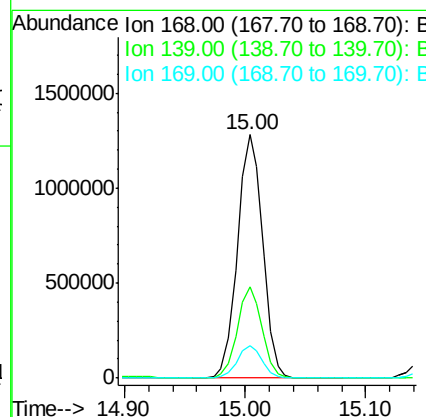
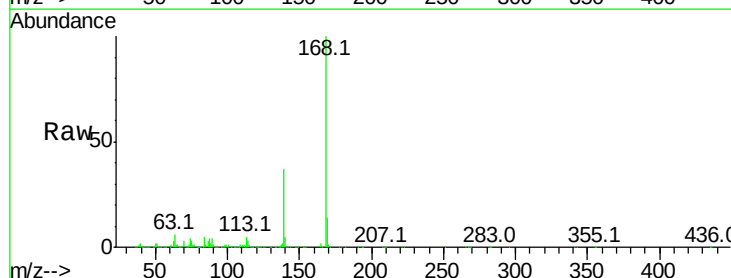
Instrument :
BNA_M
ClientSampleId :

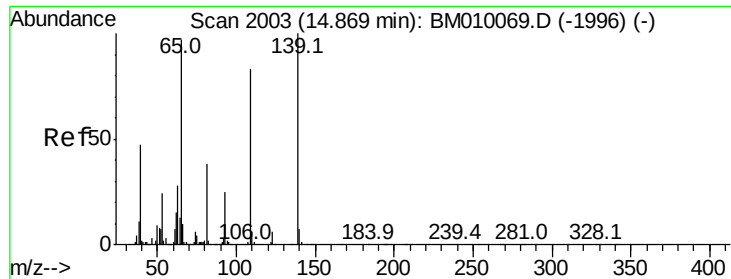
Tot Ion:184 Resp: 394035
Ion Ratio Lower Upper
184 100
63 59.8 69.2 103.8#
154 62.0 53.3 79.9



#54
Dibenzofuran
Concen: 49.94 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:168 Resp: 1858849
Ion Ratio Lower Upper
168 100
139 37.3 27.3 40.9
169 13.5 10.6 16.0

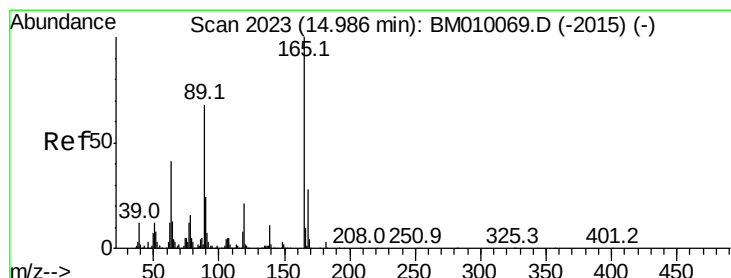
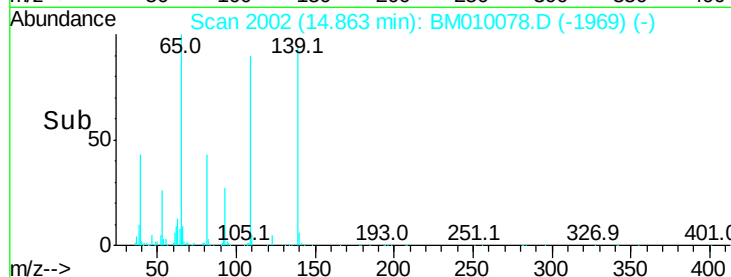
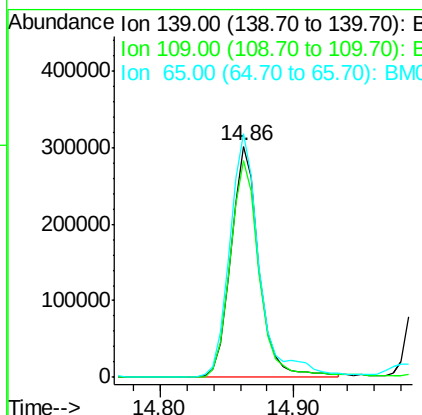
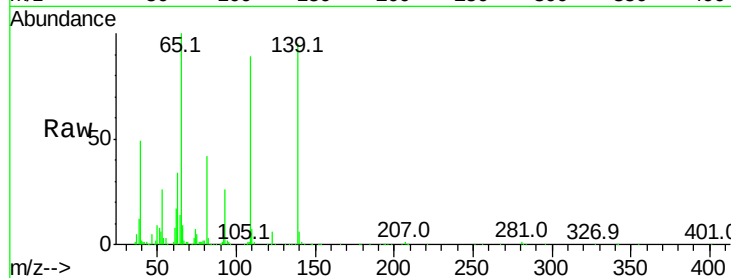




#55
4-Nitrophenol
Concen: 90.85 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

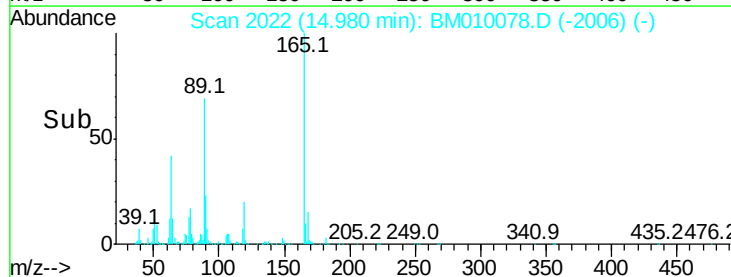
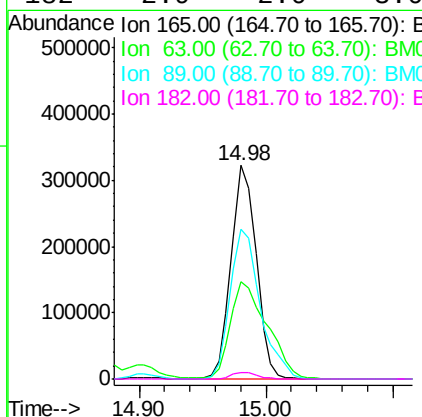
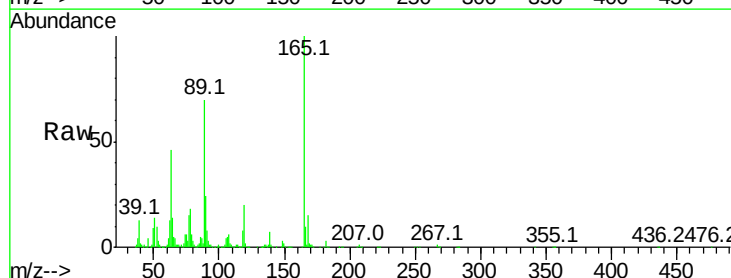
Instrument :
BNA_M
ClientSampleId :

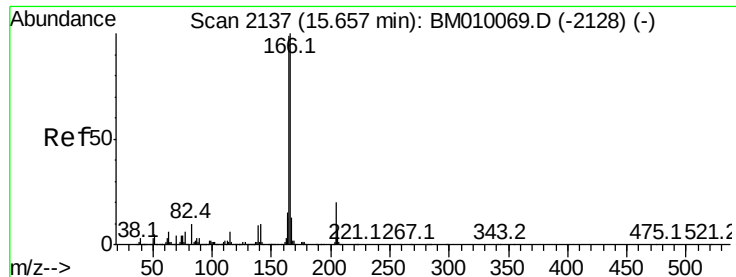
Tot Ion:139 Resp: 445170
Ion Ratio Lower Upper
139 100
109 93.8 37.7 77.7#
65 105.4 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 47.91 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:165 Resp: 444088
Ion Ratio Lower Upper
165 100
63 45.8 52.4 78.6#
89 70.1 72.4 108.6#
182 2.9 2.0 3.0

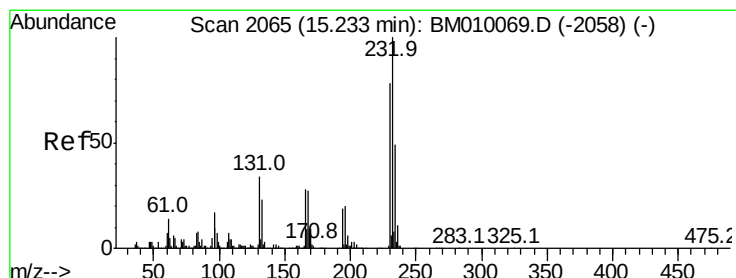
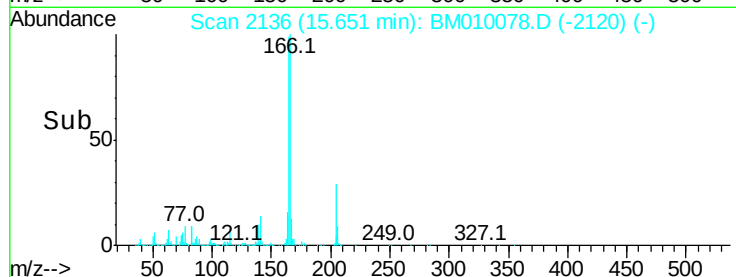
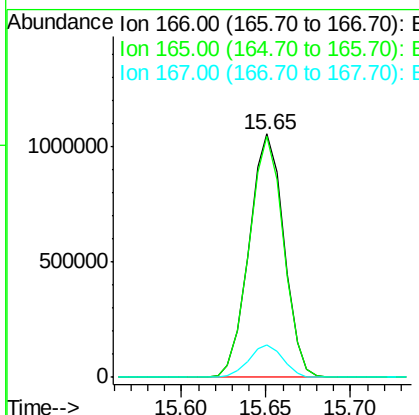
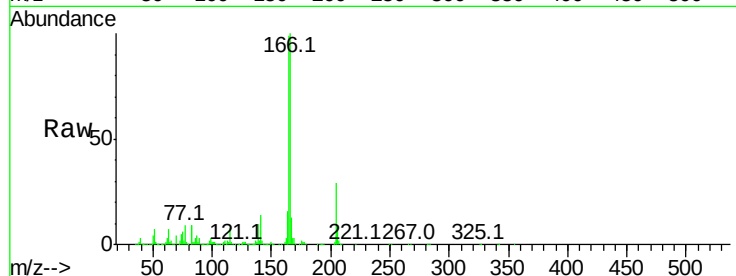




#57
 Fluorene
 Concen: 46.73 ng
 RT: 15.65 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

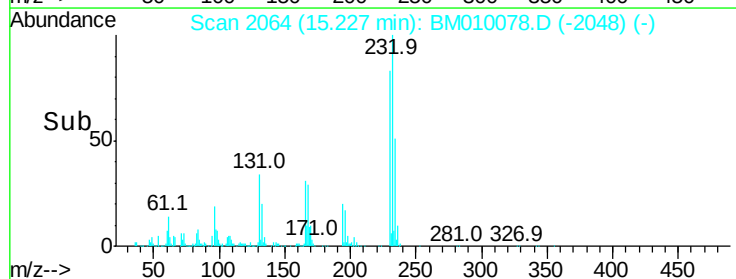
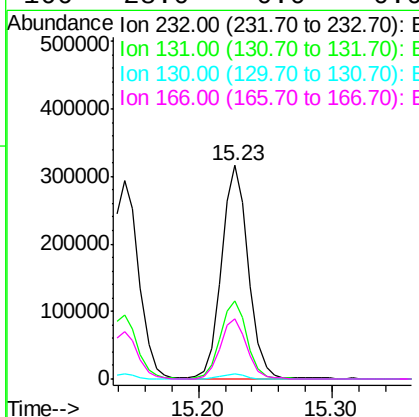
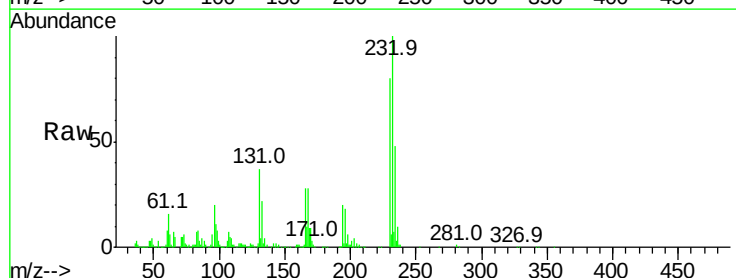
Instrument :
 BNA_M
 ClientSampled :

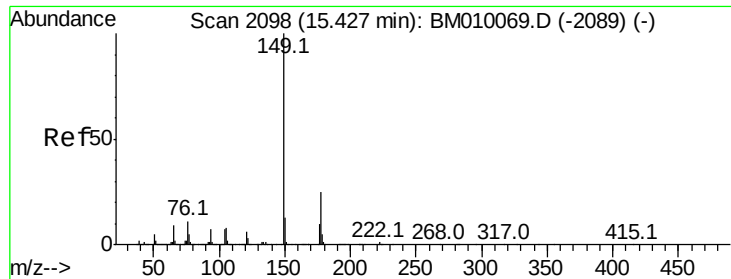
Tot Ion:166 Resp: 1512749
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.66 ng
 RT: 15.23 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion:232 Resp: 442424
 Ion Ratio Lower Upper
 232 100
 131 36.3 0.0 0.0#
 130 2.1 0.0 0.0#
 166 28.0 0.0 0.0#





#59

Diethylphthalate

Concen: 43.69 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

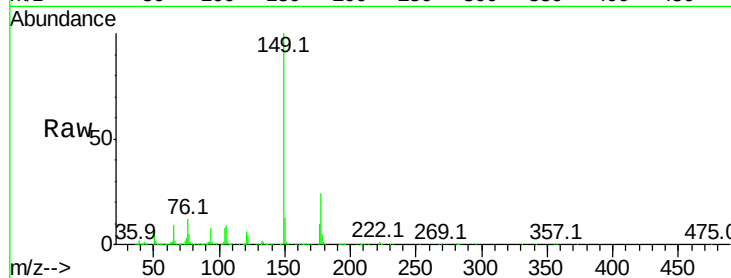
Tot Ion:149 Resp: 1425222

Ion Ratio Lower Upper

149 100

177 24.2 18.3 27.5

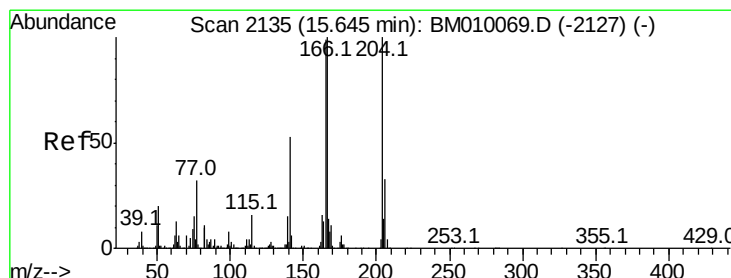
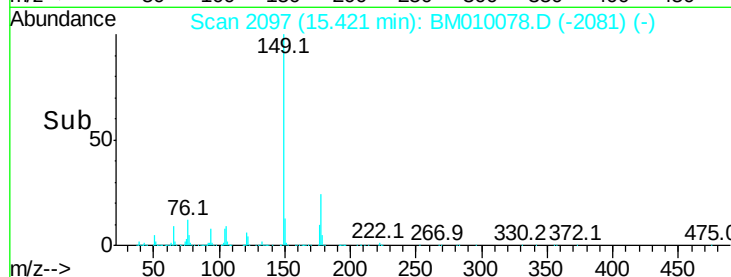
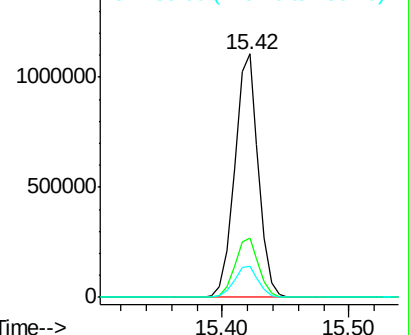
150 12.6 9.8 14.8



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: 45.73 ng

RT: 15.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

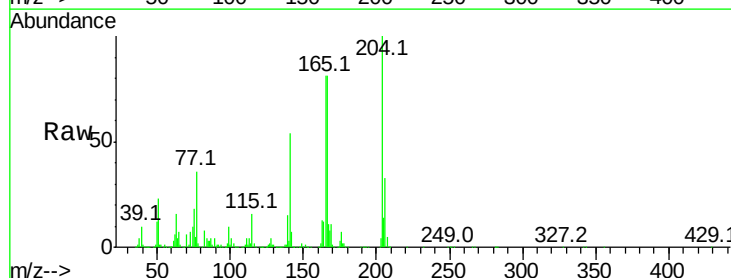
Tgt Ion:204 Resp: 831119

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

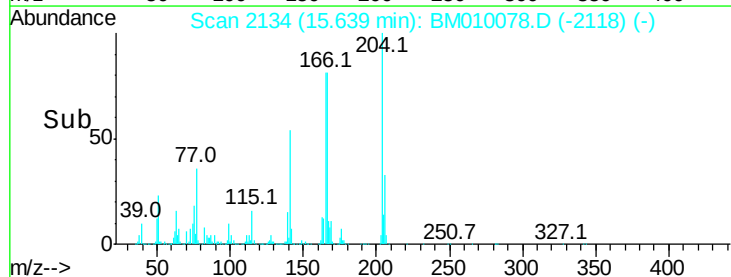
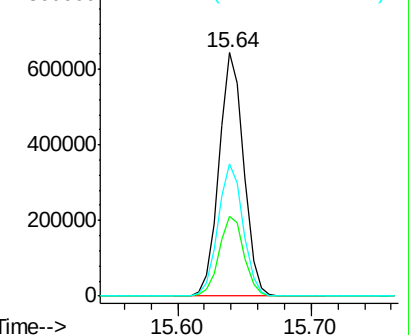
141 54.4 45.2 67.8

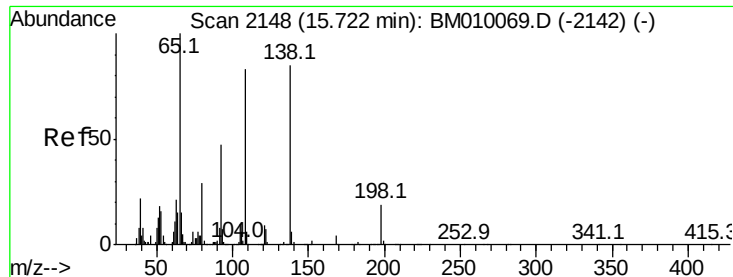


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

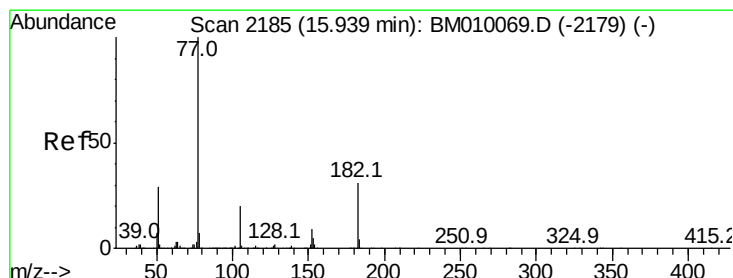
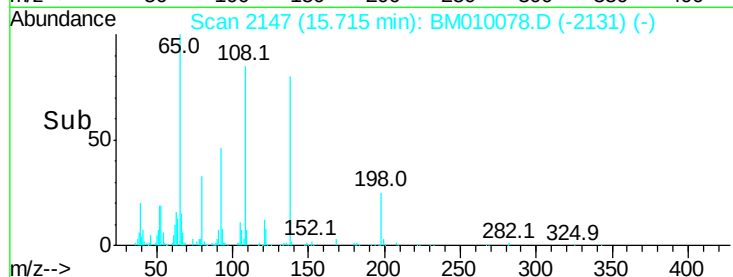
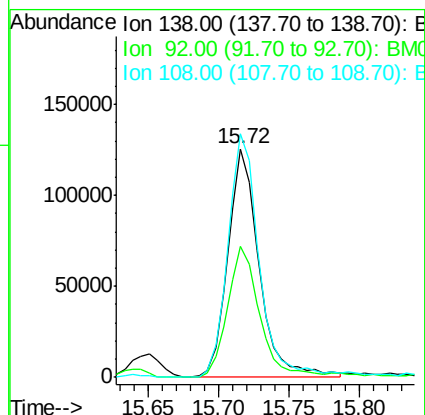
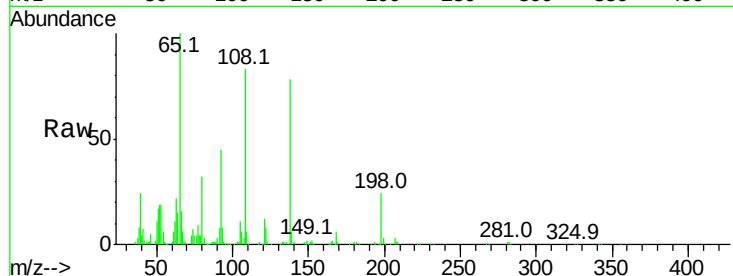




#61
4-Nitroaniline
Concen: 31.49 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

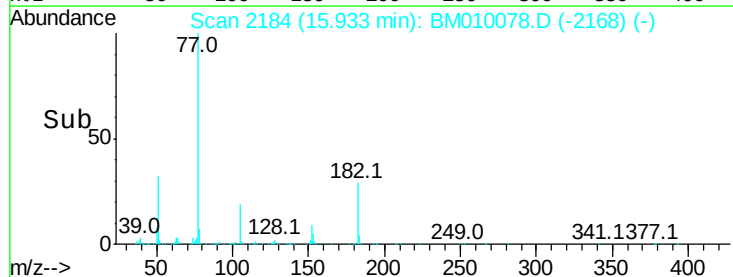
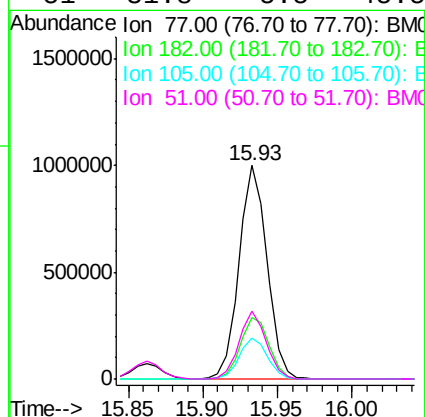
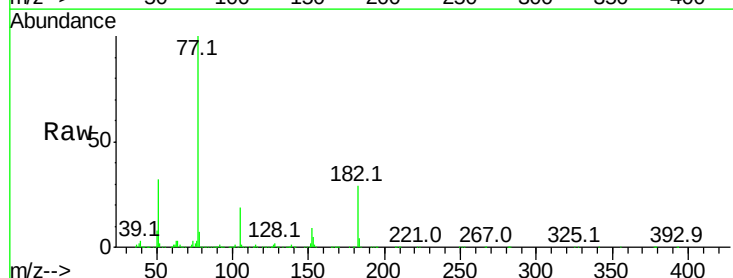
Instrument :
BNA_M
ClientSampleId :

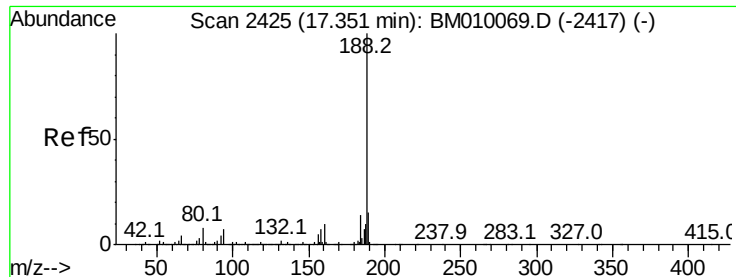
Tot Ion:138 Resp: 194674
Ion Ratio Lower Upper
138 100
92 57.3 16.7 56.7#
108 106.4 37.6 77.6#



#62
Azobenzene
Concen: 54.12 ng
RT: 15.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion: 77 Resp: 1298097
Ion Ratio Lower Upper
77 100
182 28.9 6.5 46.5
105 19.2 3.8 43.8
51 31.8 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

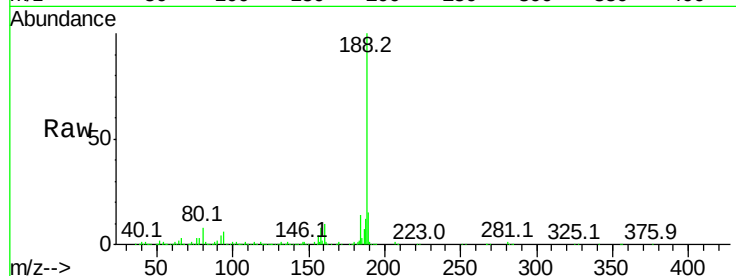
Tot Ion:188 Resp: 887907

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

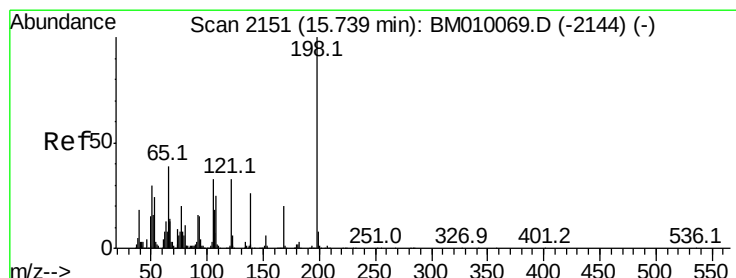
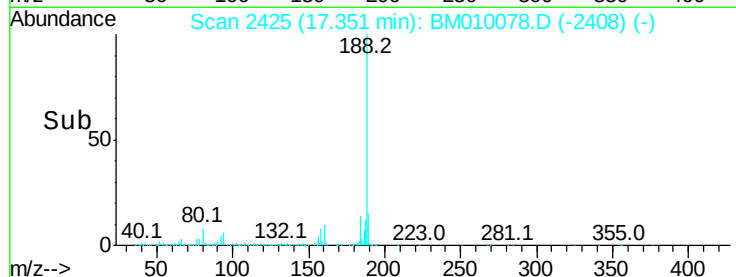
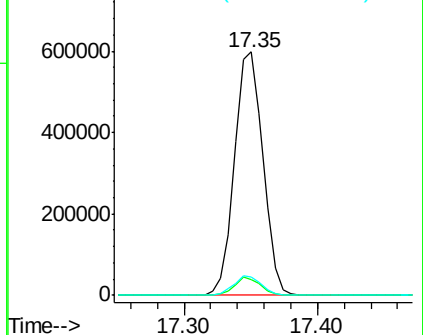
80 7.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.71 ng

RT: 15.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

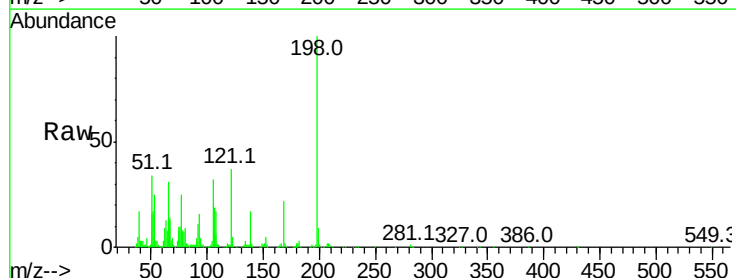
Tgt Ion:198 Resp: 258808

Ion Ratio Lower Upper

198 100

51 34.3 28.8 68.8

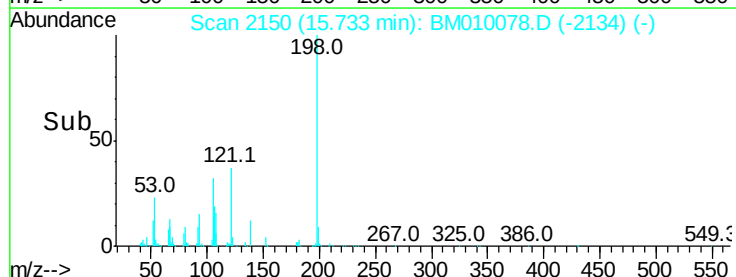
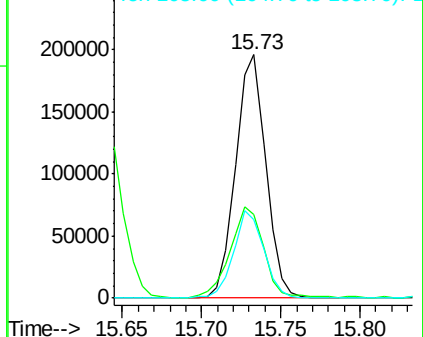
105 32.3 30.5 70.5

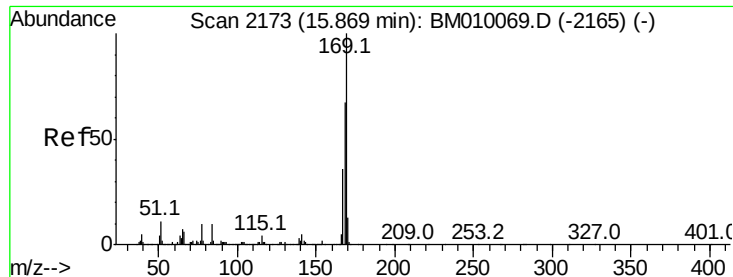


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

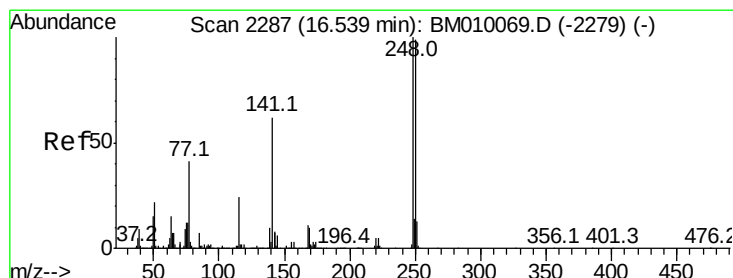
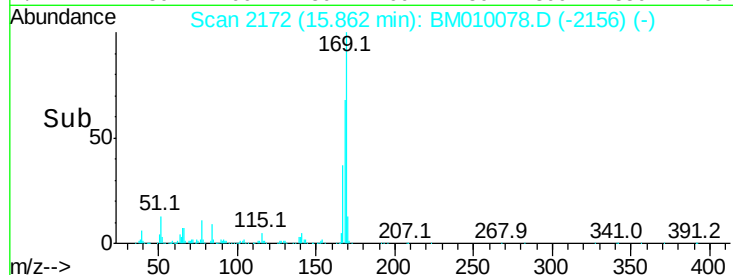
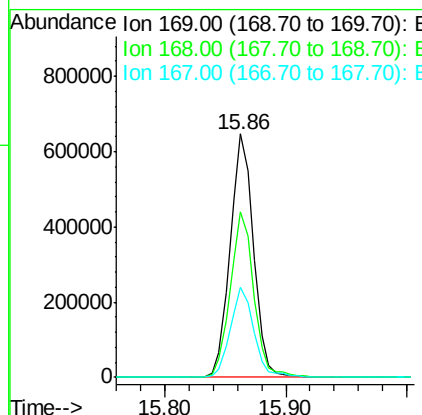
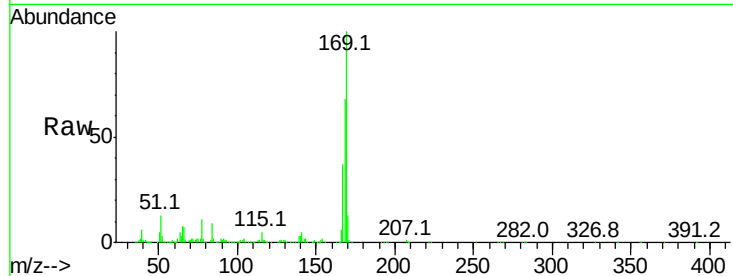




#65
n-Nitrosodiphenylamine
Concen: 32.76 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

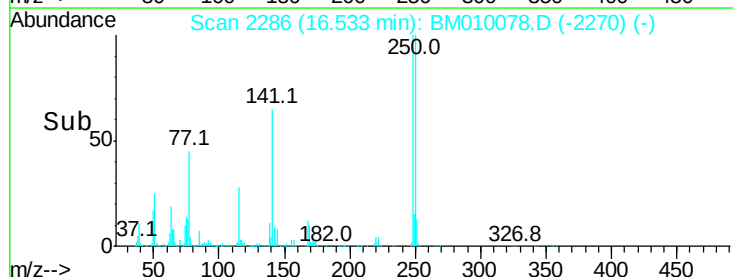
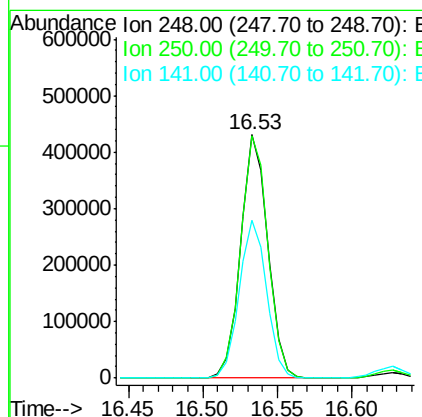
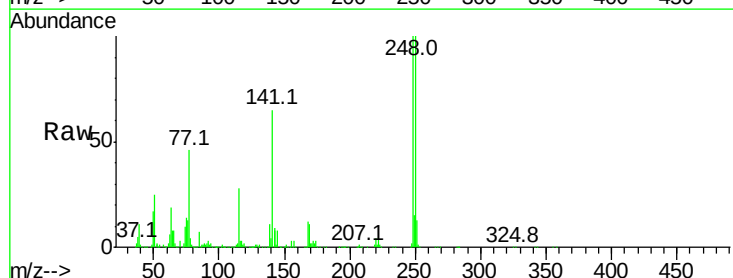
Instrument :
BNA_M
ClientSampleId :

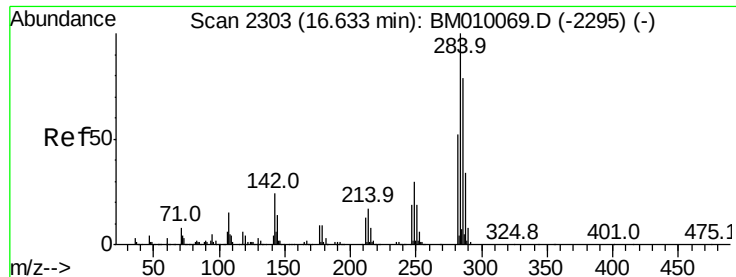
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	36.7	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 47.84 ng
RT: 16.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.4	116.0
141	64.7	45.2	67.8





#67

Hexachlorobenzene

Concen: 46.13 ng

RT: 16.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

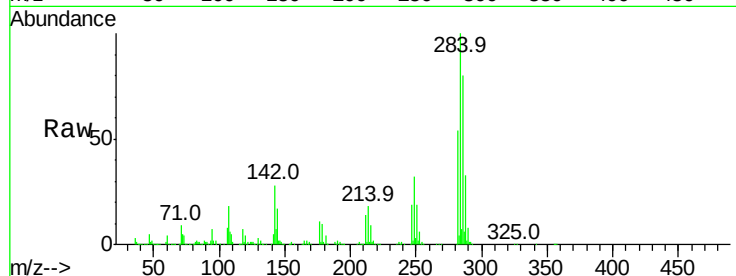
Tot Ion:284 Resp: 637088

Ion Ratio Lower Upper

284 100

142 28.0 20.4 30.6

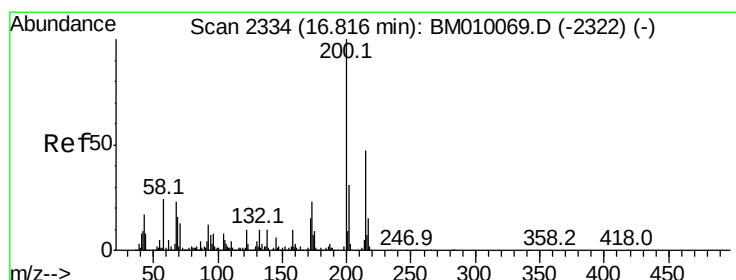
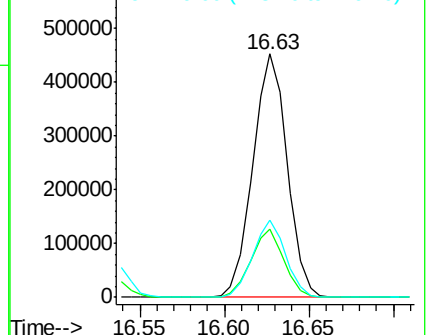
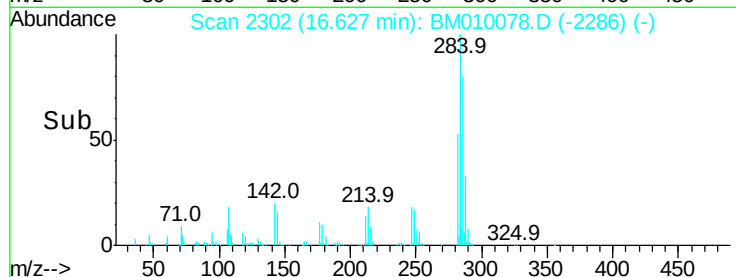
249 31.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 5.71 ng

RT: 16.80 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

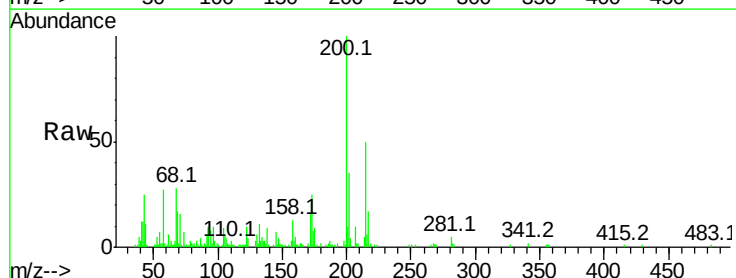
Tgt Ion:200 Resp: 57569

Ion Ratio Lower Upper

200 100

173 25.1 4.8 44.8

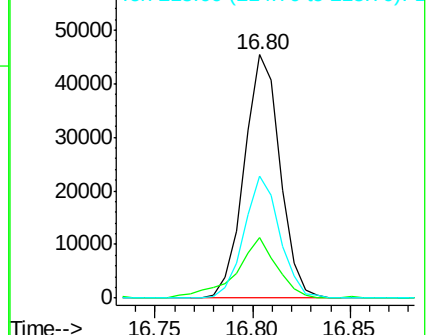
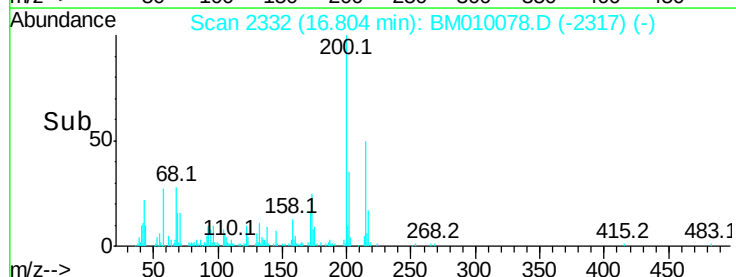
215 50.0 26.9 66.9

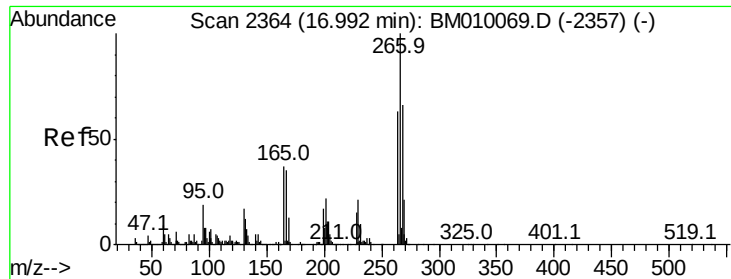


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

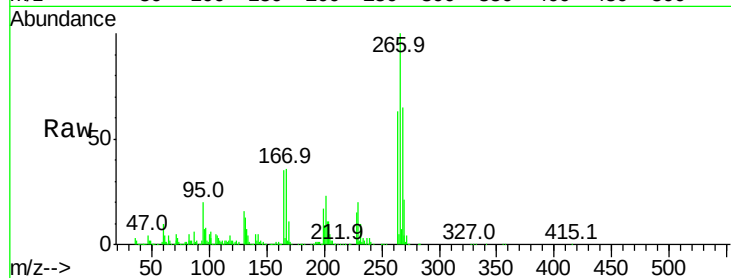




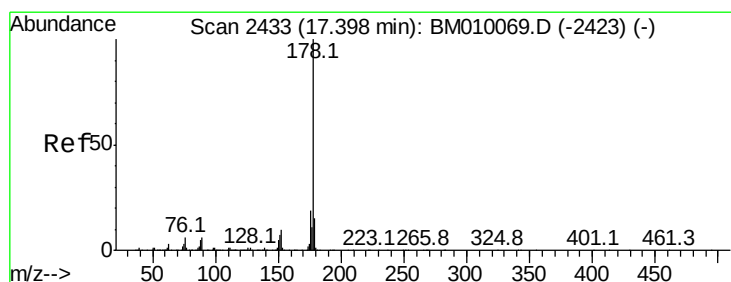
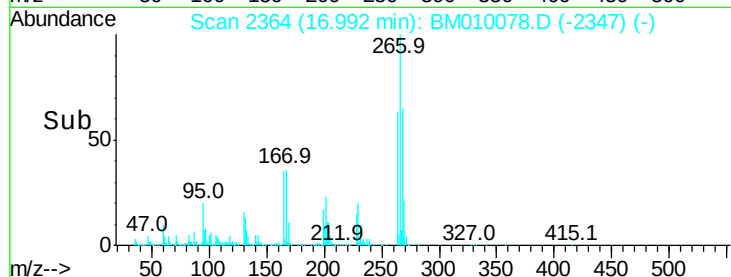
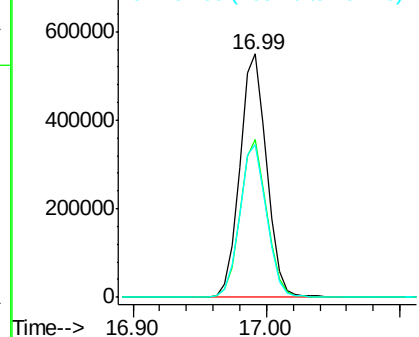
#69
 Pentachlorophenol
 Concen: 100.82 ng
 RT: 16.99 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.0	78.0
264	62.8	49.0	73.4

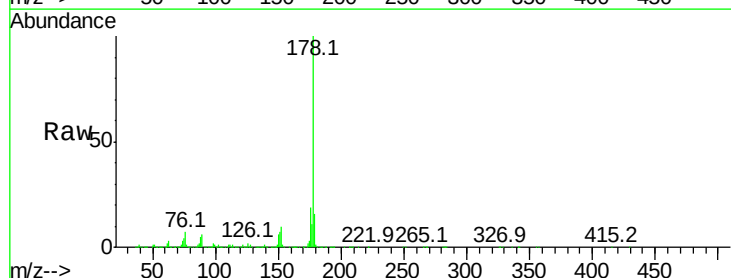


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

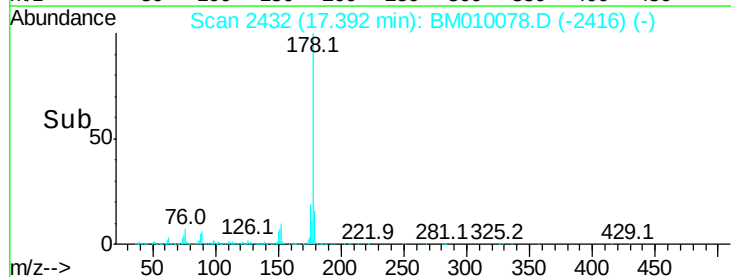
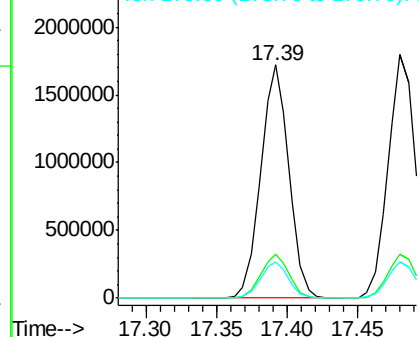


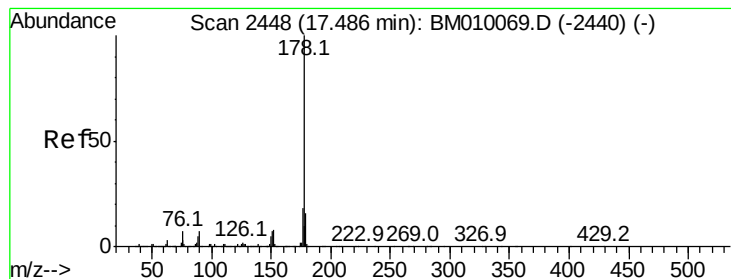
#70
 Phenanthrene
 Concen: 48.38 ng
 RT: 17.39 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BM010078.D
 Acq: 19 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.6	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.62 ng

RT: 17.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

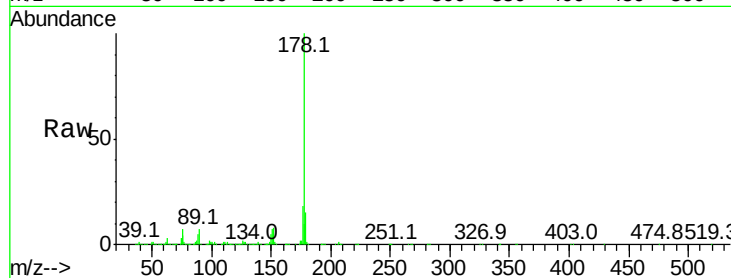
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 2446247

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.0	12.6	19.0

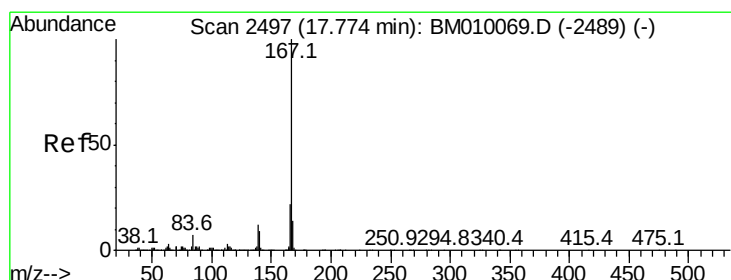
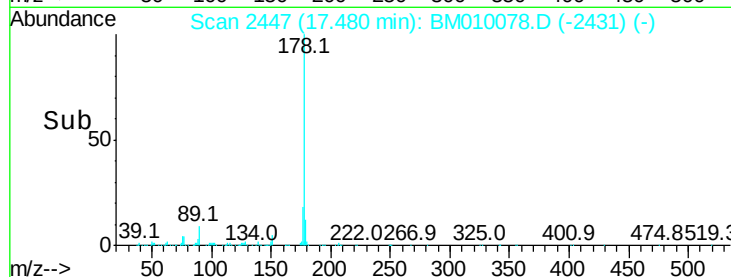
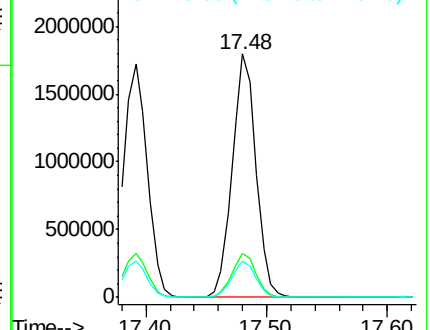


Abundance

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: 20.83 ng

RT: 17.77 min Scan# 2496

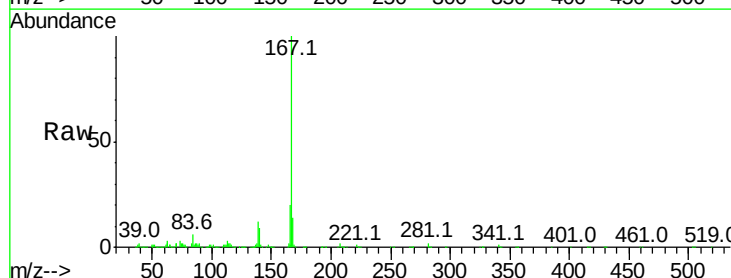
Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Tgt Ion:167 Resp: 909253

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	11.6	10.8	16.2

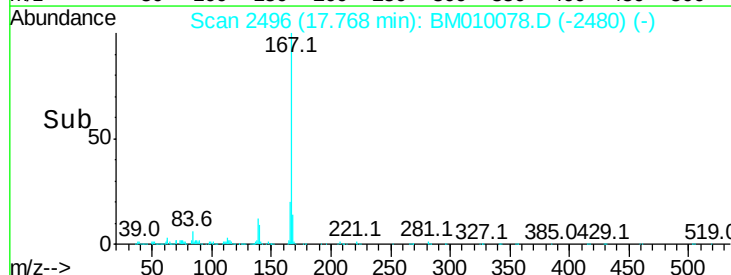
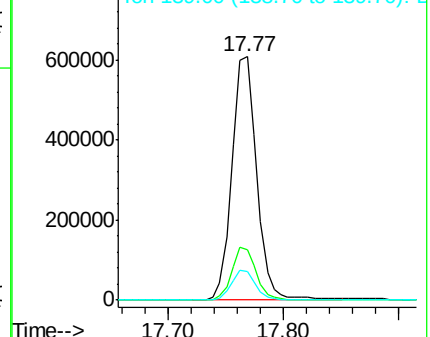


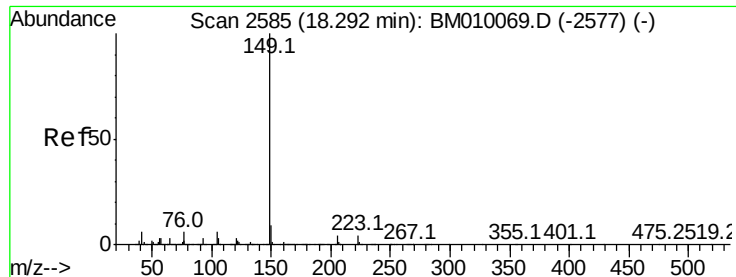
Abundance

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

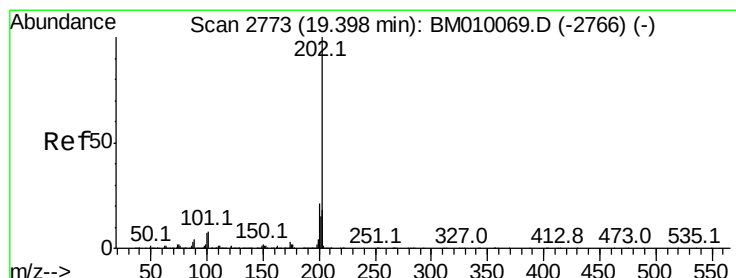
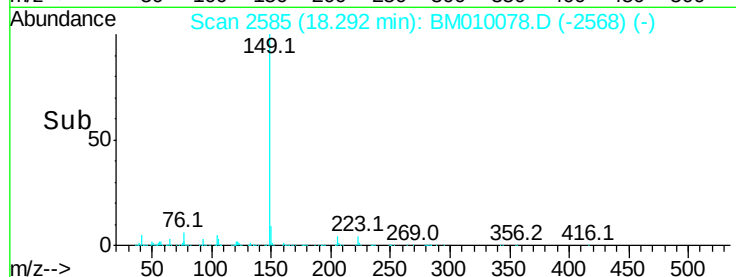
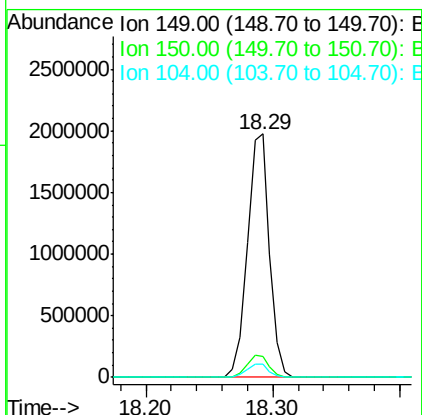
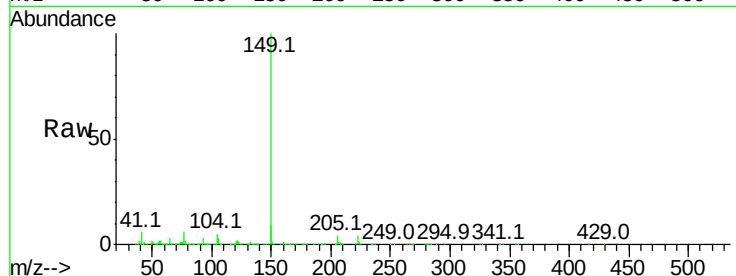




#73
Di-n-butylphthalate
Concen: 45.93 ng
RT: 18.29 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

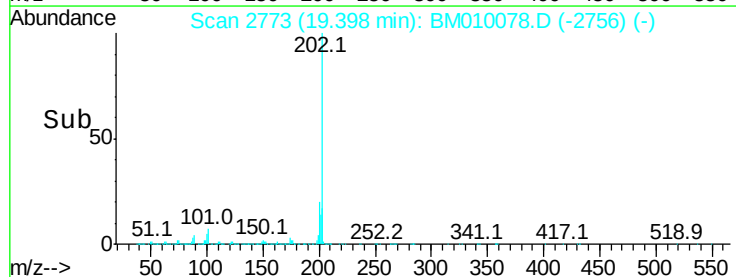
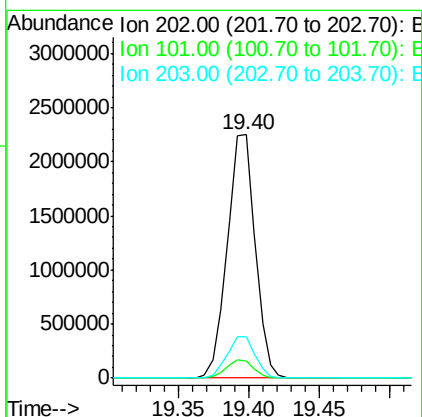
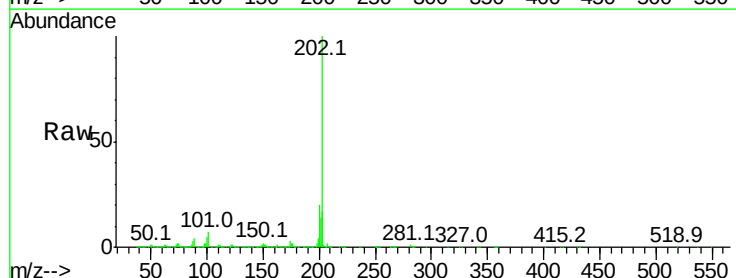
Instrument :
BNA_M
ClientSampleId :

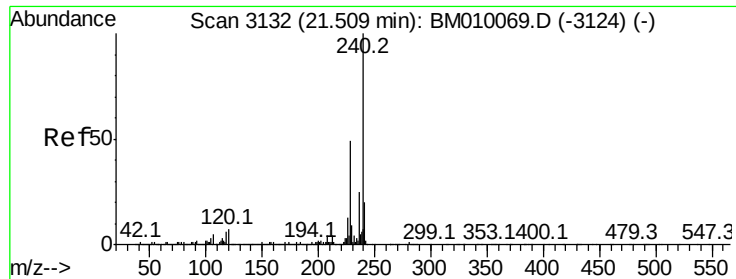
Tot Ion:149 Resp: 2376972
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 5.4 3.7 5.5



#74
Fluoranthene
Concen: 48.13 ng
RT: 19.40 min Scan# 2773
Delta R.T. -0.00 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:202 Resp: 3104619
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.51 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

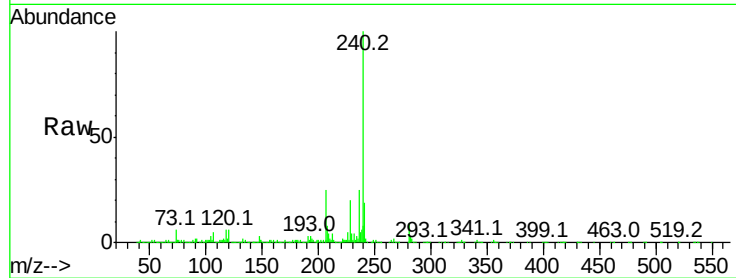
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1362713

Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.2	12.2#
236	24.5	20.0	30.0

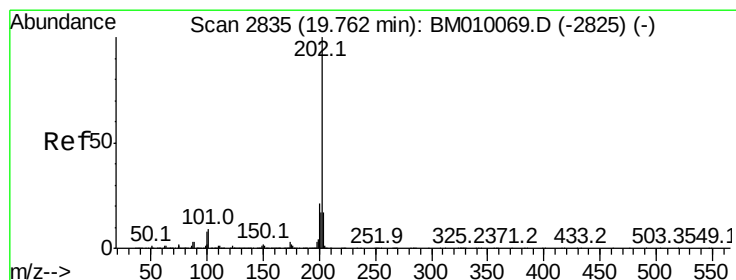
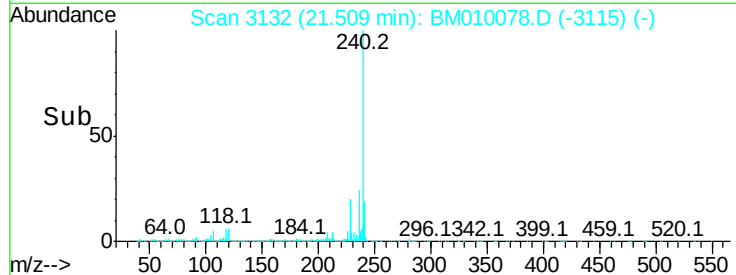
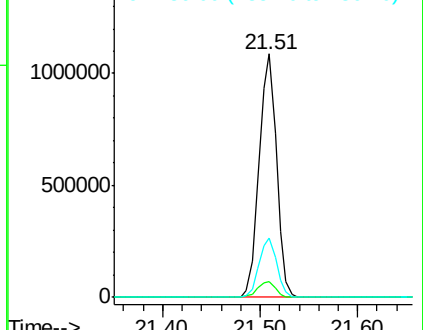


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 43.06 ng

RT: 19.76 min Scan# 2835

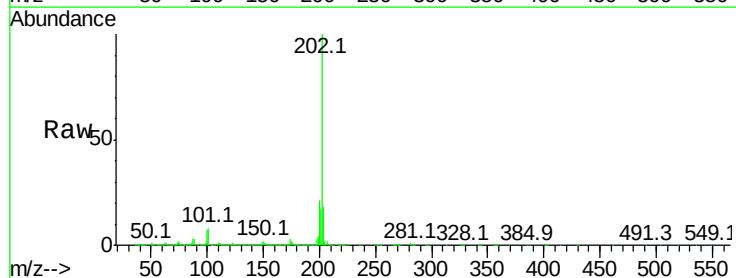
Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Tgt Ion:202 Resp: 3146020

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.1	21.1

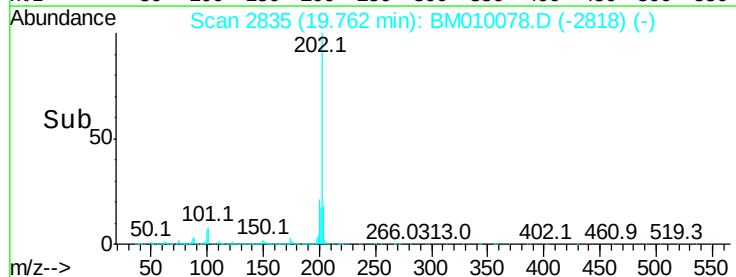
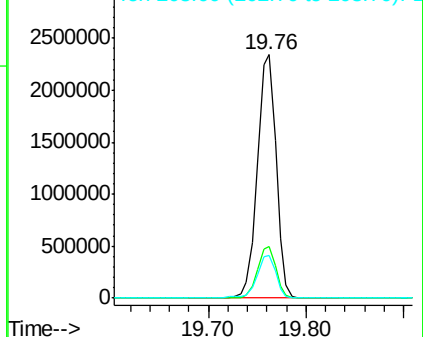


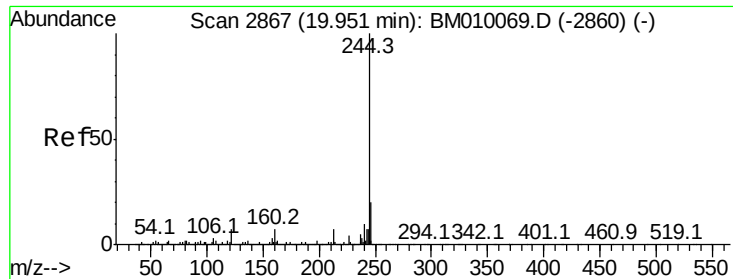
Abundance

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: 82.73 ng

RT: 19.95 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampled :

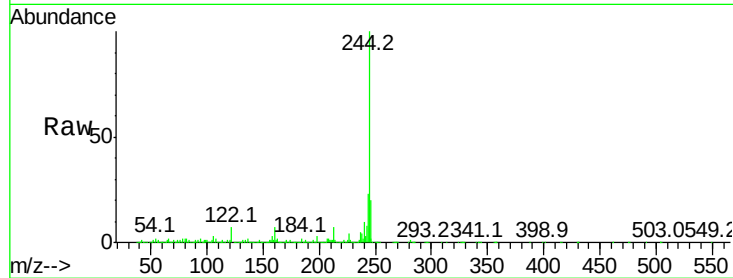
Tot Ion:244 Resp: 4957949

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

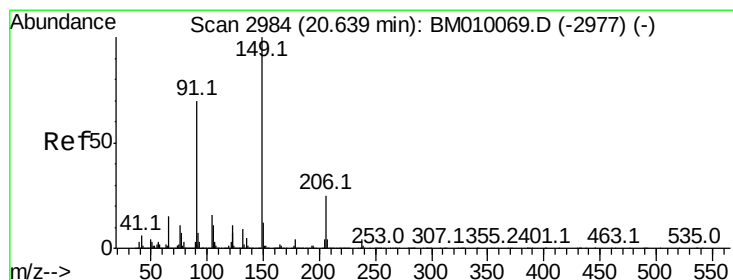
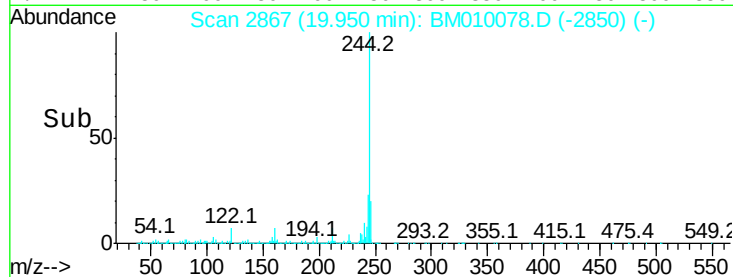
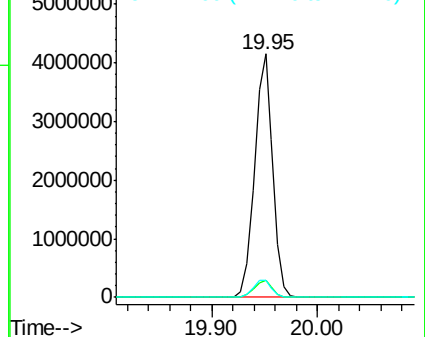
122 6.9 6.2 9.4



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: 43.49 ng

RT: 20.63 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

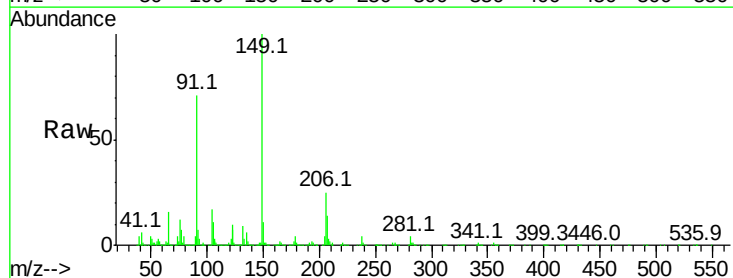
Tgt Ion:149 Resp: 1176136

Ion Ratio Lower Upper

149 100

91 71.0 50.1 75.1

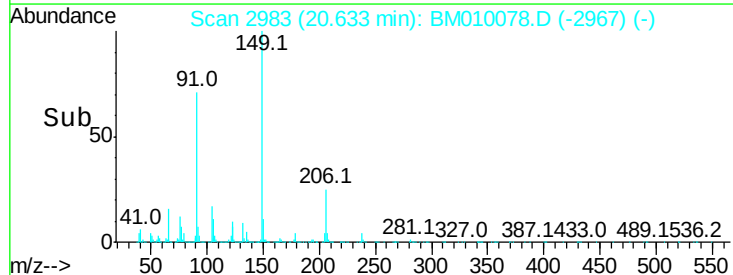
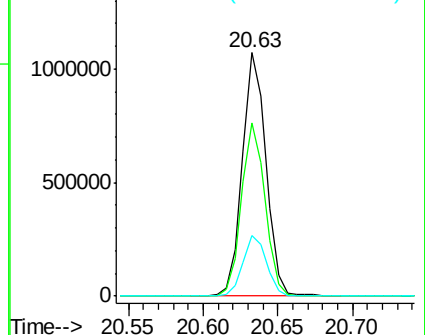
206 25.0 16.2 24.2

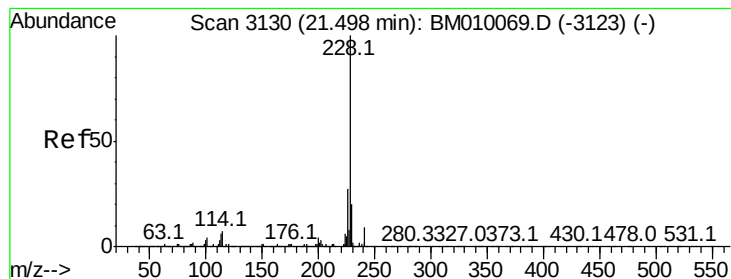


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.52 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

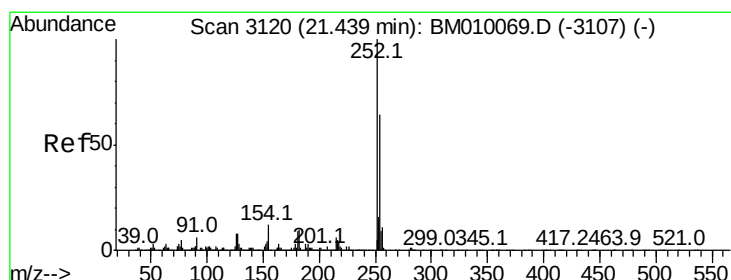
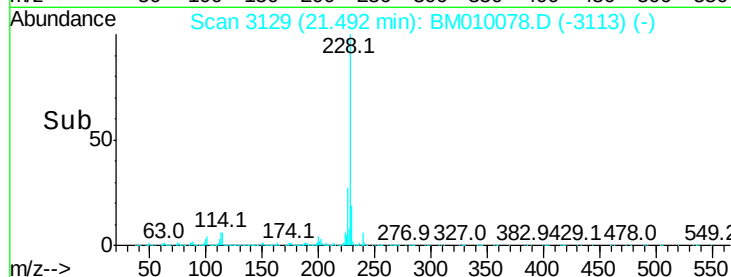
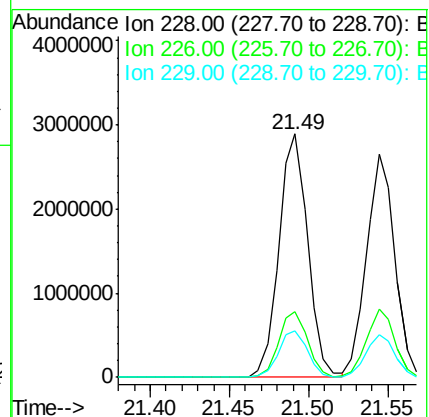
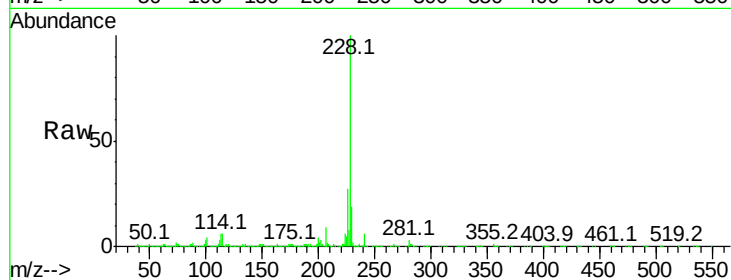
Tot Ion:228 Resp: 3644088

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.1	16.0	24.0

228 100

226 27.0 21.7 32.5

229 19.1 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 4.33 ng

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

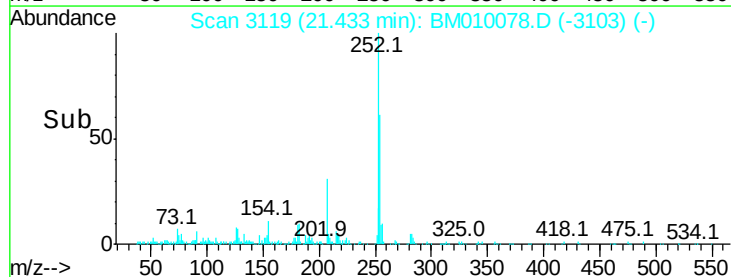
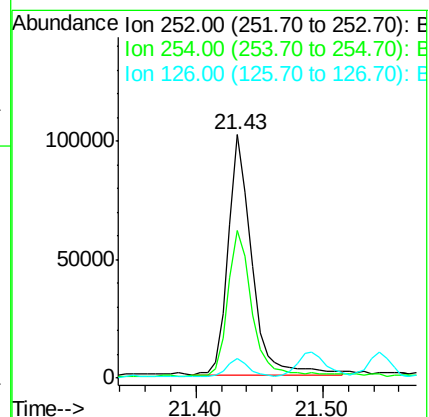
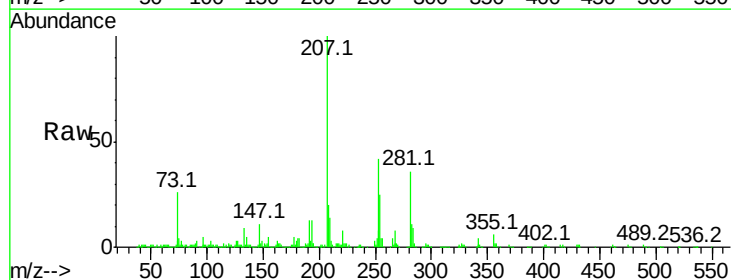
Tgt Ion:252 Resp: 130864

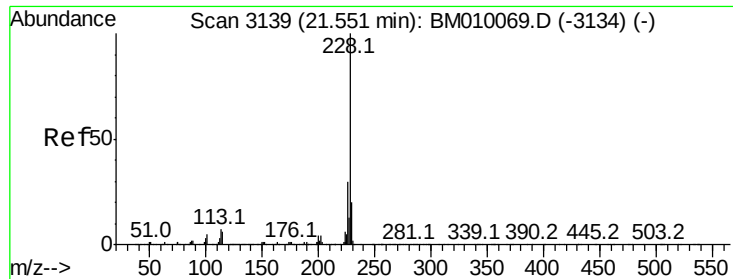
Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.9	77.9
126	7.9	9.8	14.8

252 100

254 60.8 51.9 77.9

126 7.9 9.8 14.8





#82

Chrysene

Concen: 46.33 ng

RT: 21.54 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

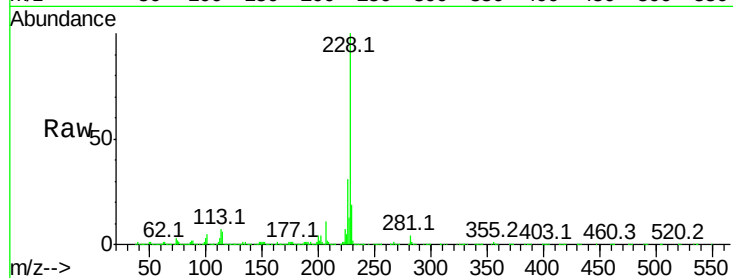
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 3299889

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.4	15.5	23.3

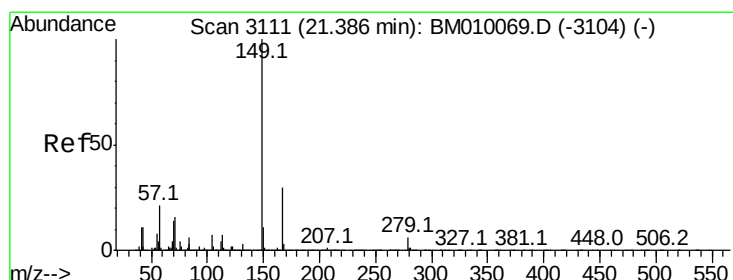
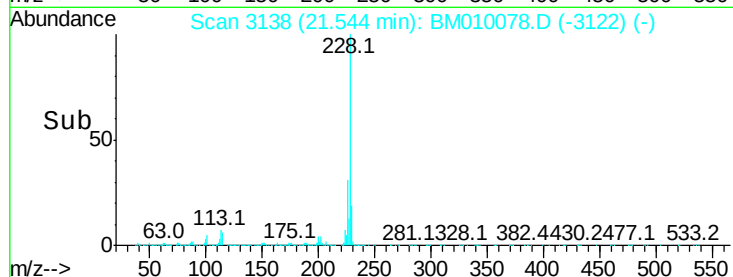
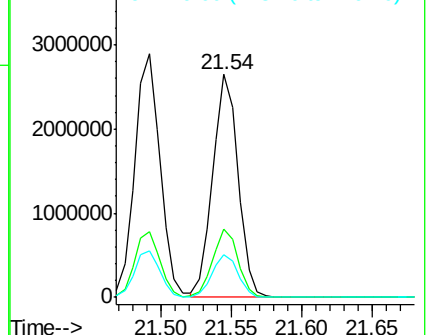


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.48 ng

RT: 21.38 min Scan# 3110

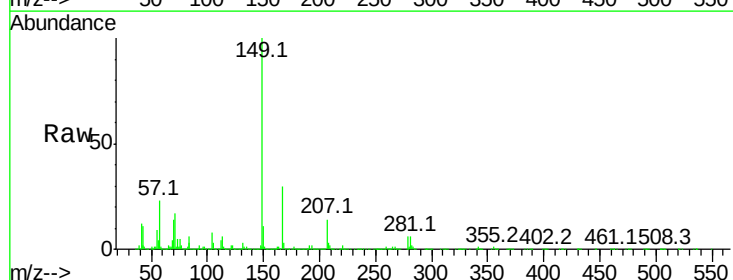
Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Tgt Ion:149 Resp: 1799083

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	6.4	3.4	5.0

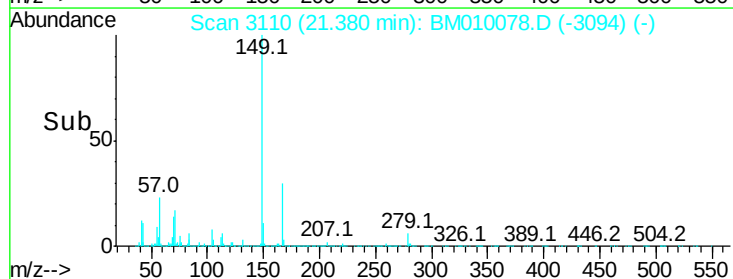
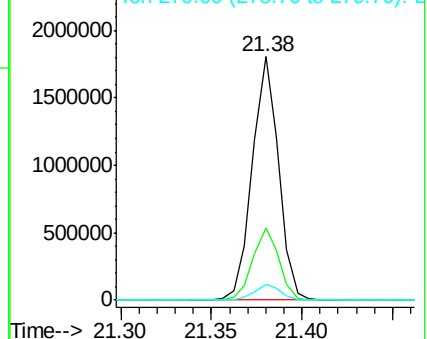


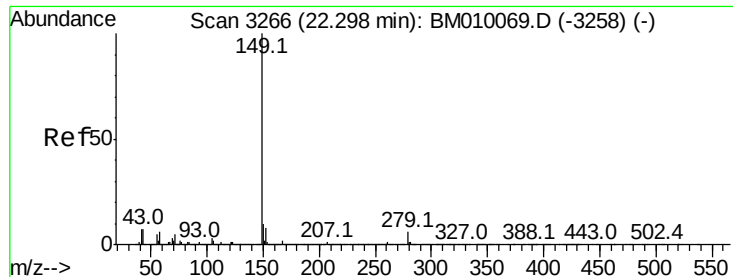
Abundance

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: 46.68 ng

RT: 22.29 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

Instrument :

BNA_M

ClientSampleId :

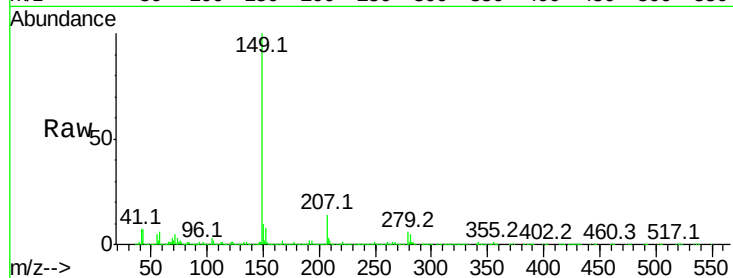
Tot Ion:149 Resp: 3380222

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

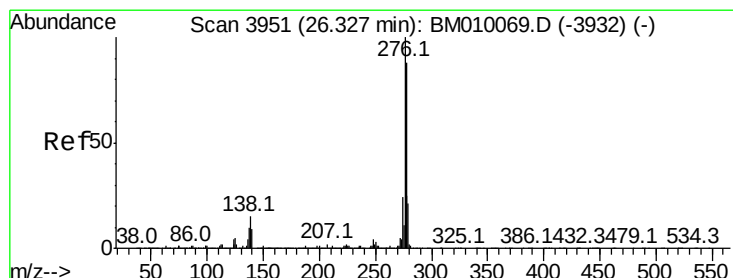
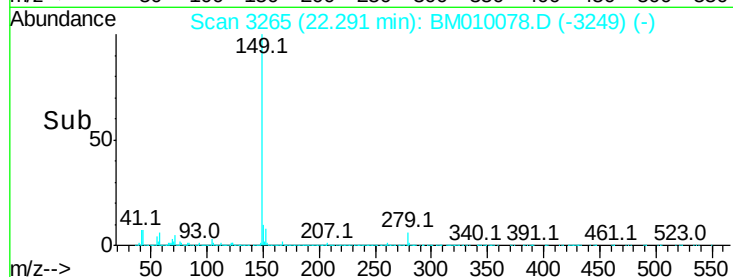
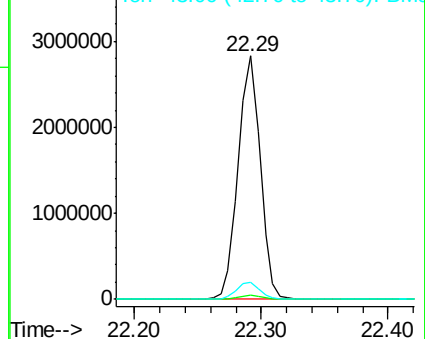
43 7.4 7.3 10.9



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): BM



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.10 ng

RT: 26.31 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

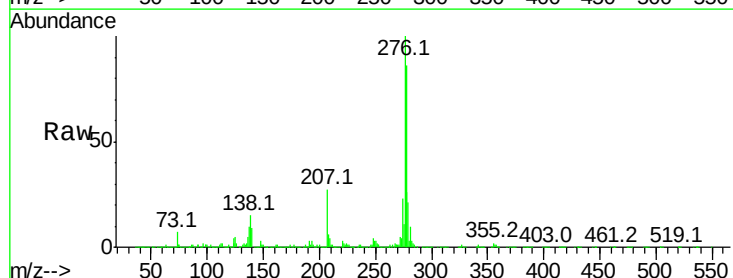
Tgt Ion:276 Resp: 5337427

Ion Ratio Lower Upper

276 100

138 15.2 0.0 0.0#

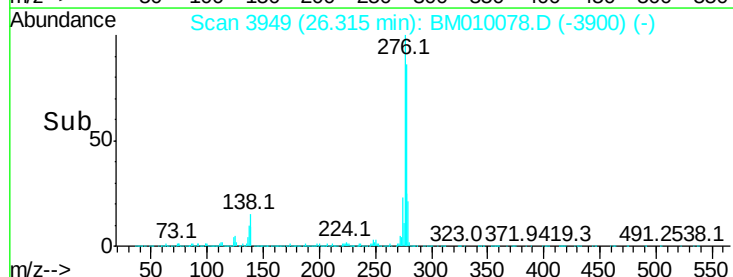
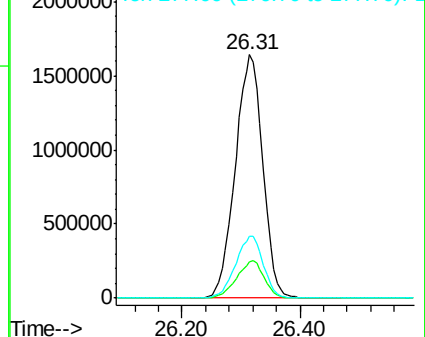
277 25.5 0.0 0.0#

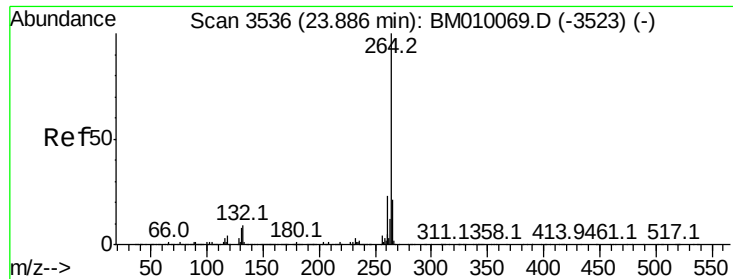


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.88 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BM010078.D

Acq: 19 May 2017 20:39

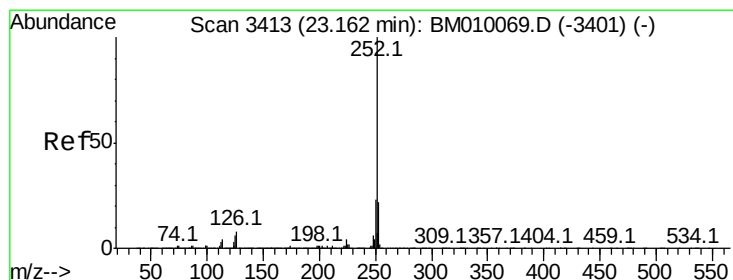
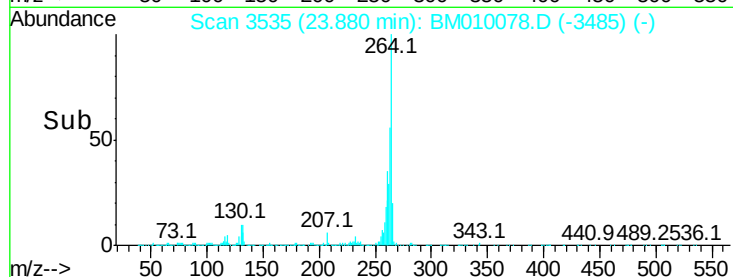
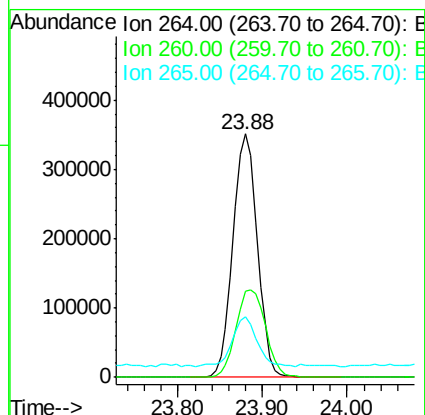
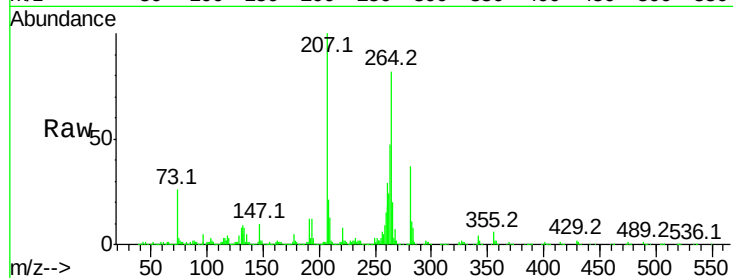
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 698146

Ion	Ratio	Lower	Upper
264	100		
260	35.4	18.6	27.8#
265	24.6	17.3	25.9



#87

Benzo(b)fluoranthene

Concen: 113.02 ng

RT: 23.16 min Scan# 3412

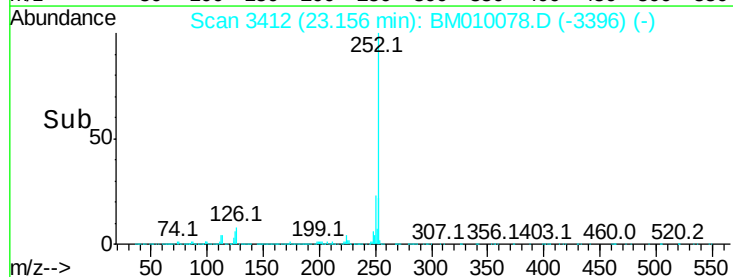
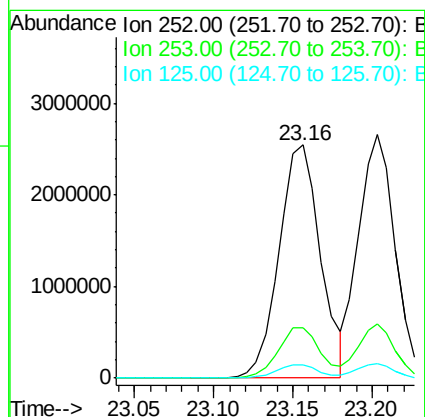
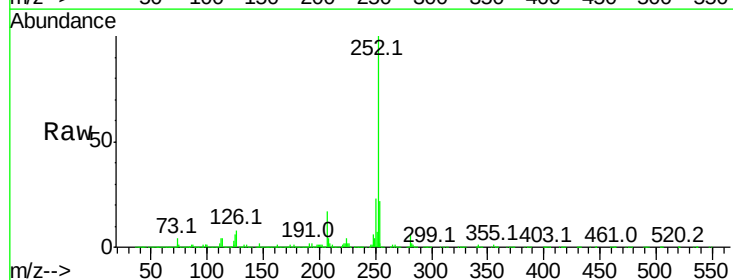
Delta R.T. -0.01 min

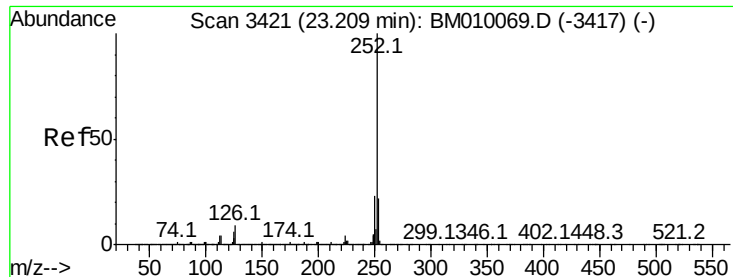
Lab File: BM010078.D

Acq: 19 May 2017 20:39

Tgt Ion:252 Resp: 4617750

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	5.7	9.9	14.9#

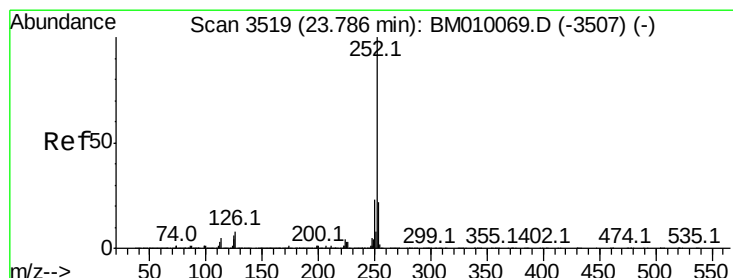
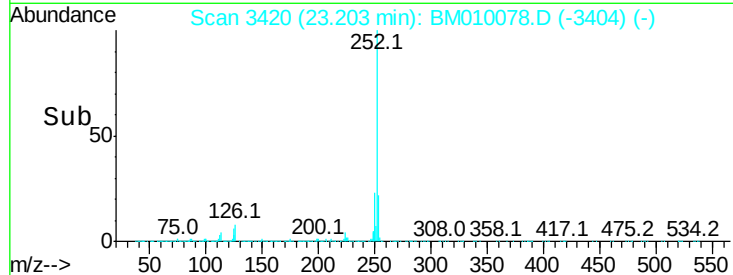
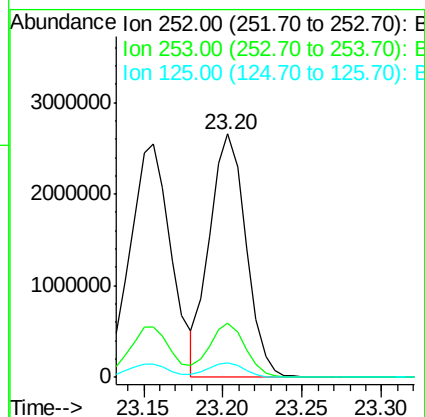
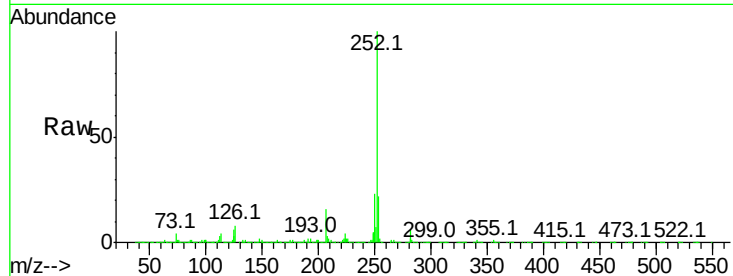




#88
Benzo(k)fluoranthene
Concen: 105.92 ng
RT: 23.20 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

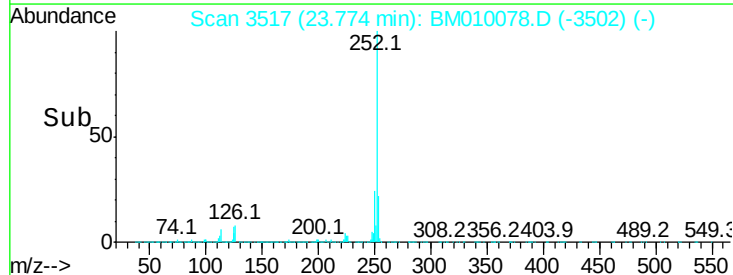
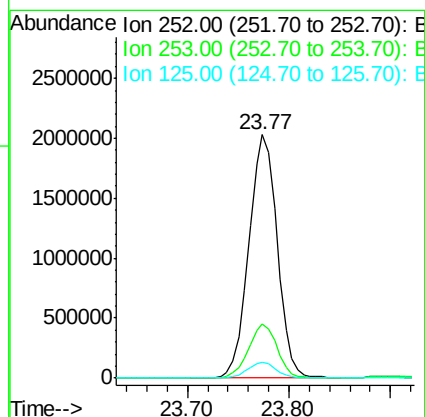
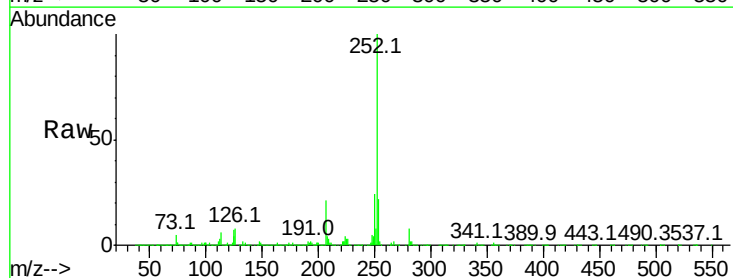
Instrument :
BNA_M
ClientSampleId :

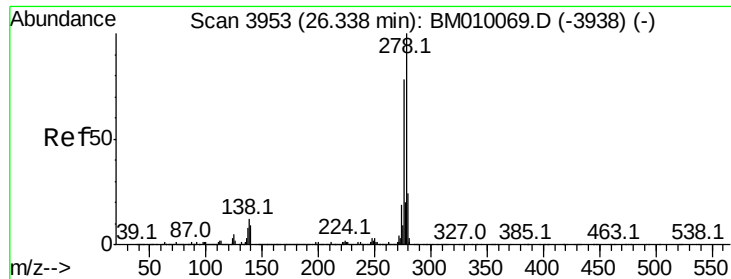
Tot Ion:252 Resp: 4239892
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.9 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 101.18 ng
RT: 23.77 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:252 Resp: 3939415
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.7 7.4 11.2#



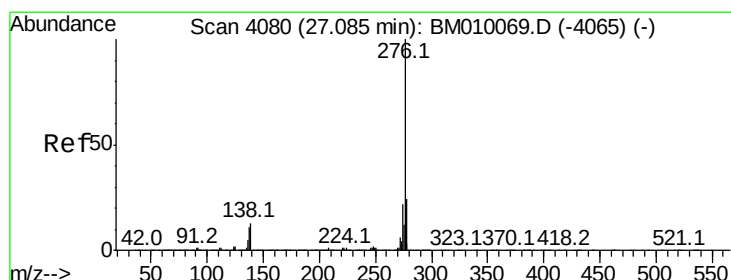
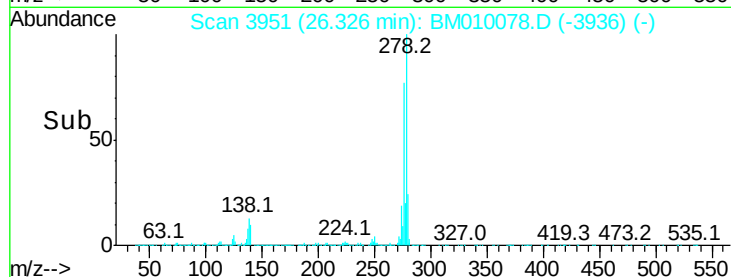
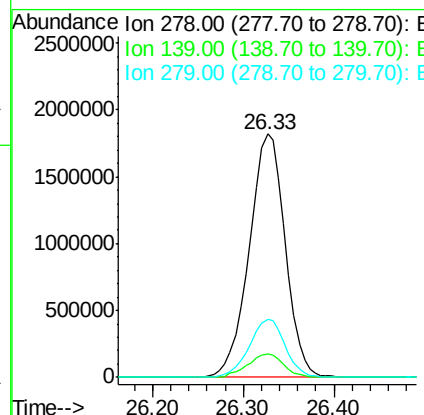
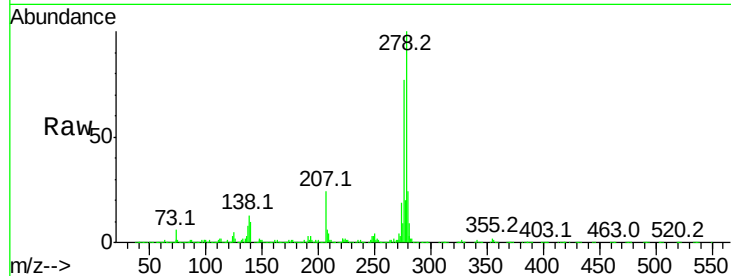


#90
Dibenzo(a,h)anthracene
Concen: 115.12 ng
RT: 26.33 min Scan# 3951
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 5012144

Ion	Ratio	Lower	Upper
278	100		
139	9.8	13.4	20.0#
279	24.1	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 100.71 ng
RT: 27.07 min Scan# 4078
Delta R.T. -0.01 min
Lab File: BM010078.D
Acq: 19 May 2017 20:39

Tgt Ion:276 Resp: 4296569

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	12.6	19.0	28.6#

