

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010066.D
 Acq On : 19 May 2017 09:48
 Operator : SJ/MA
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 19 12:52:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 12:47:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	202526	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	753405	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	489991	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	1162431	20.00	ng	0.00
75) Chrysene-d12	21.51	240	1695528	20.00	ng	0.00
86) Perylene-d12	23.89	264	1915373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	53273	4.12	ng	0.00
7) Phenol-d6	7.17	99	65648	3.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	57629	2.80	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	29235	4.36	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	183695	5.01	ng	0.00
78) Terphenyl-d14	19.95	244	352425	4.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	12004	2.50	ng	# 100
3) Pyridine	3.92	79	25664	1.45	ng	87
4) n-Nitrosodimethylamine	3.81	42	8085	0.84	ng	# 88
6) Aniline	7.33	93	40474	1.50	ng	98
8) 2-Chlorophenol	7.55	128	29513	2.10	ng	97
9) Benzaldehyde	7.15	77	25342	1.63	ng	97
10) Phenol	7.19	94	35303	1.57	ng	79
11) bis(2-Chloroethyl)ether	7.41	93	26186	1.49	ng	87
12) 1,3-Dichlorobenzene	7.86	146	37222	2.37	ng	# 93
13) 1,4-Dichlorobenzene	8.01	146	39942	2.49	ng	94
14) 1,2-Dichlorobenzene	8.33	146	37617	2.41	ng	97
15) Benzyl Alcohol	8.25	79	24038	1.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.50	45	29386	1.06	ng	86
17) 2-Methylphenol	8.45	107	25126	1.71	ng	# 82
18) Hexachloroethane	9.05	117	12244	1.84	ng	# 70
19) n-Nitroso-di-n-propylamine	8.79	70	22263	1.18	ng	# 86
20) 3+4-Methylphenols	8.77	107	33902	1.69	ng	93
22) Acetophenone	8.82	105	44754	1.94	ng	# 98
24) Nitrobenzene	9.21	77	30868	1.41	ng	93
25) Isophorone	9.72	82	52568	1.48	ng	# 93
26) 2-Nitrophenol	9.91	139	11915	1.80	ng	92
27) 2,4-Dimethylphenol	9.97	122	25454	2.06	ng	86
28) bis(2-Chloroethoxy)methane	10.20	93	35725	1.67	ng	# 88
29) 2,4-Dichlorophenol	10.44	162	25915	2.15	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	39323	2.80	ng	94
31) Naphthalene	10.84	128	98026	2.36	ng	# 94
32) Benzoic acid	10.05	122	10797	1.31	ng	92
33) 4-Chloroaniline	10.98	127	34639	1.96	ng	# 86
34) Hexachlorobutadiene	11.08	225	25446	2.66	ng	93
35) Caprolactam	11.81	113	7069	1.50	ng	# 59
36) 4-Chloro-3-methylphenol	12.09	107	28216	1.75	ng	# 82
37) 2-Methylnaphthalene	12.43	142	69554	2.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	45881	2.57	ng	# 100
40) Hexachlorocyclopentadiene	12.76	237	21507	7.86	ng	96

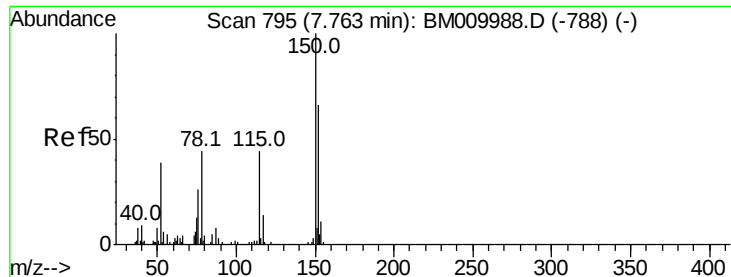
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	22610	2.06	nq	98
43) 2,4,5-Trichlorophenol	13.12	196	25177	2.11	nq #	88
45) 1,1'-Biphenyl	13.45	154	97265	2.39	nq	97
46) 2-Chloronaphthalene	13.49	162	77851	2.43	nq	97
47) 2-Nitroaniline	13.73	65	14606	1.01	nq	87
48) Acenaphthylene	14.33	152	106319	2.11	nq	98
49) Dimethylphthalate	14.07	163	104536	2.42	nq #	98
50) 2,6-Dinitrotoluene	14.20	165	16046	1.83	nq	94
51) Acenaphthene	14.67	154	72289	2.27	nq	96
52) 3-Nitroaniline	14.56	138	12835	1.38	nq #	97
53) 2,4-Dinitrophenol	14.74	184	7061	1.73	nq #	75
54) Dibenzofuran	15.00	168	114631	2.35	nq	99
55) 4-Nitrophenol	14.87	139	8916	1.43	nq	83
56) 2,4-Dinitrotoluene	14.99	165	19005	1.47	nq #	74
57) Fluorene	15.65	166	97310	2.27	nq #	98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	20907	2.03	nq #	100
59) Diethylphthalate	15.42	149	95741	2.11	nq	98
60) 4-Chlorophenyl-phenylether	15.64	204	56910	2.43	nq	89
61) 4-Nitroaniline	15.72	138	11098	1.17	nq	78
62) Azobenzene	15.94	77	62446	1.13	nq	93
64) 4,6-Dinitro-2-methylphenol	15.73	198	10859	1.55	nq	81
65) n-Nitrosodiphenylamine	15.87	169	82527	2.29	nq	100
66) 4-Bromophenyl-phenylether	16.54	248	36931	2.67	nq	94
67) Hexachlorobenzene	16.63	284	46059	3.01	nq	96
68) Atrazine	16.81	200	29909	2.27	nq	93
69) Pentachlorophenol	16.99	266	19373	2.97	nq	96
70) Phenanthrene	17.39	178	157586	2.36	nq	99
71) Anthracene	17.49	178	146721	2.16	nq	97
72) Carbazole	17.77	167	135292	2.23	nq	98
73) Di-n-butylphthalate	18.29	149	151973	1.97	nq	99
74) Fluoranthene	19.40	202	199751	2.33	nq	100
76) Benzidine	19.60	184	62580	1.48	nq	95
77) Pyrene	19.76	202	215290	2.13	nq	97
79) Butylbenzylphthalate	20.64	149	67529	1.61	nq #	91
80) Benzo(a)anthracene	21.50	228	230094	2.26	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	88293	2.35	nq #	95
82) Chrysene	21.55	228	219147	2.29	nq	98
83) Bis(2-ethylhexyl)phthalate	21.39	149	113265	1.81	nq #	97
84) Di-n-octyl phthalate	22.30	149	204158	1.90	nq #	96
85) Indeno(1,2,3-cd)pyrene	26.31	276	325641	4.04	nq #	100
87) Benzo(b)fluoranthene	23.16	252	270266	2.08	nq #	89
88) Benzo(k)fluoranthene	23.21	252	265456	2.15	nq #	89
89) Benzo(a)pyrene	23.78	252	258579	2.26	nq	96
90) Dibenzo(a,h)anthracene	26.33	278	290834	2.88	nq #	89
91) Benzo(g,h,i)perylene	27.07	276	284776	3.06	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# 831

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampled :

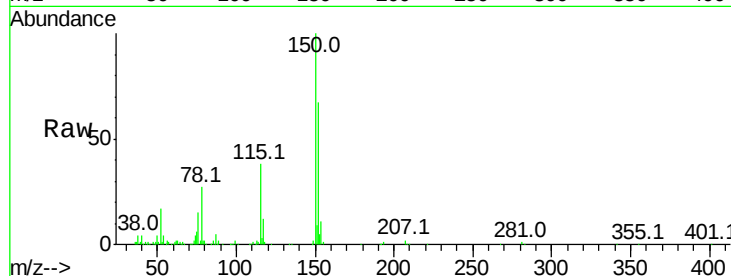
Tot Ion:152 Resp: 202526

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

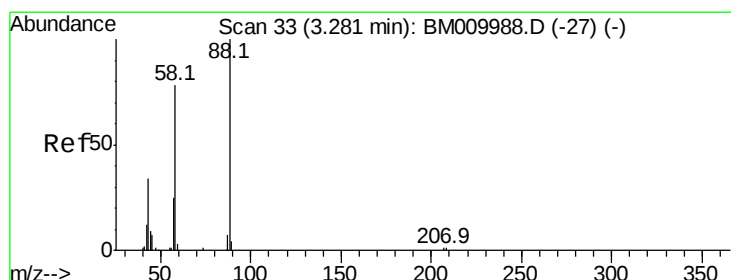
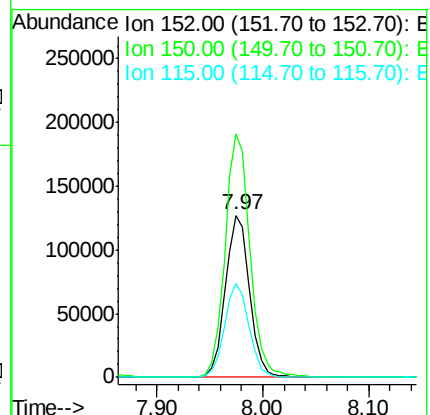
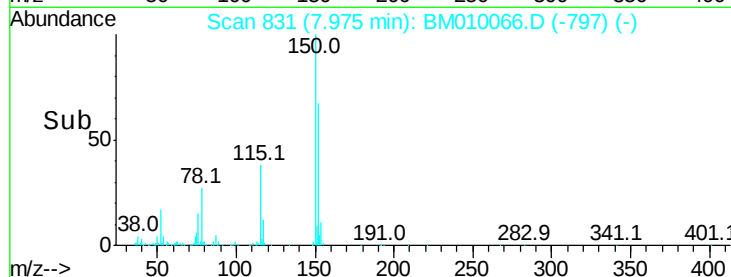
115 57.8 43.0 64.4



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: 2.50 ng

RT: 3.46 min Scan# 63

Delta R.T. 0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

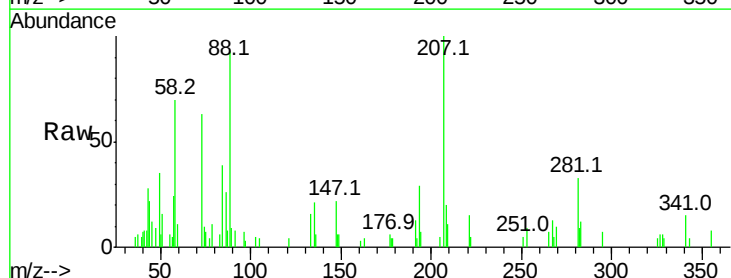
Tgt Ion: 88 Resp: 12004

Ion Ratio Lower Upper

88 100

58 69.2 0.0 0.0#

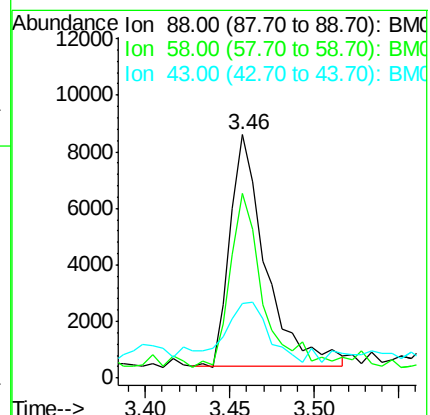
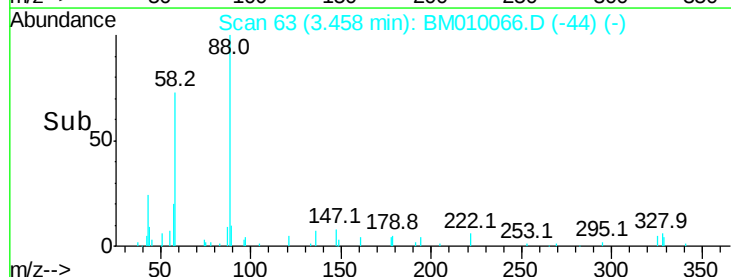
43 33.3 0.0 0.0#

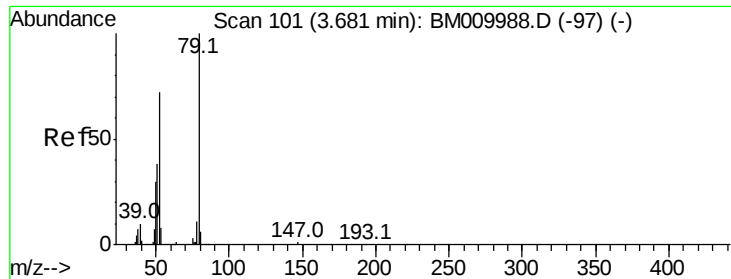


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 1.45 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.04 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

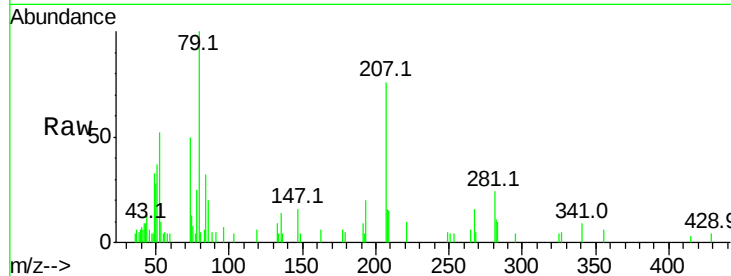
Tot Ion: 79 Resp: 25664

Ion Ratio Lower Upper

79 100

52 51.7 51.1 76.7

51 36.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM009988.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM009988.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM009988.D (-97) (-)

Time-->

3.85 3.90 3.95 4.00

3.92

8000

6000

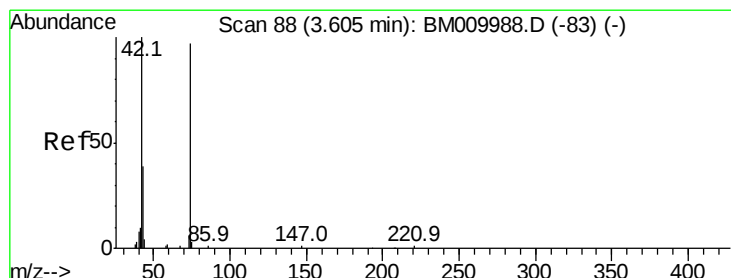
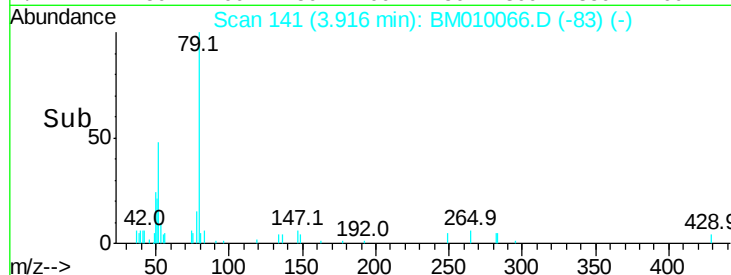
4000

2000

0

Time-->

3.85 3.90 3.95 4.00



#4

n-Nitrosodimethylamine

Concen: 0.84 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.03 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

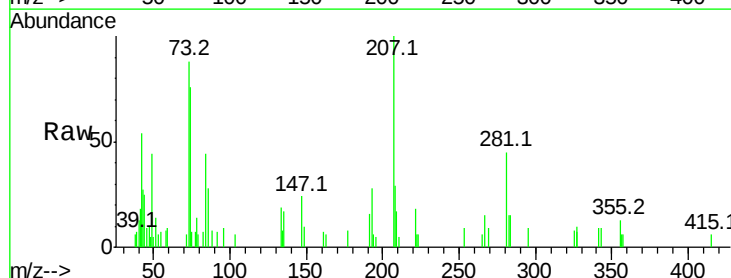
Tgt Ion: 42 Resp: 8085

Ion Ratio Lower Upper

42 100

74 140.2 119.3 178.9

44 45.4 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM009988.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM009988.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM009988.D (-83) (-)

Time-->

3.80 3.85

3.81

6000

5000

4000

3000

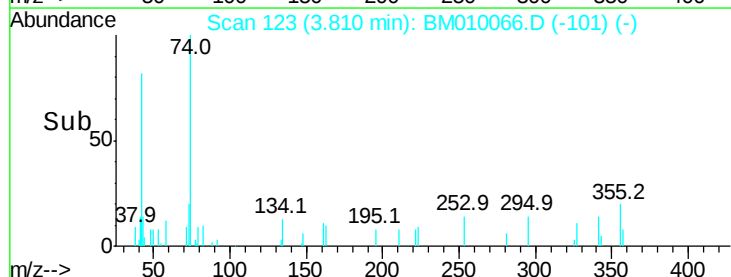
2000

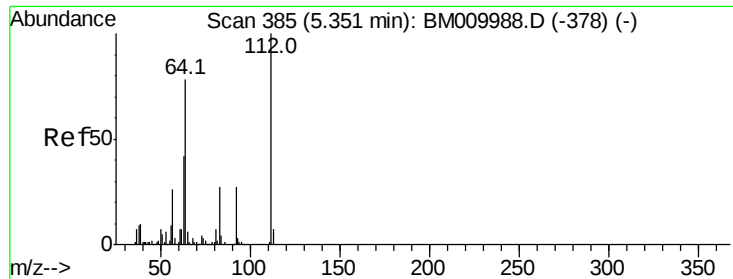
1000

0

Time-->

3.80 3.85





#5

2-Fluorophenol

Concen: 4.12 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

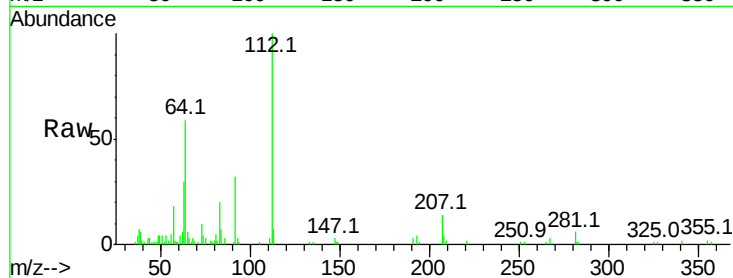
Tot Ion:112 Resp: 53273

Ion Ratio Lower Upper

112 100

64 58.6 38.6 57.8#

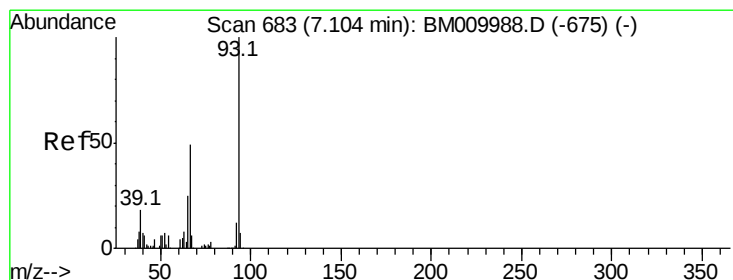
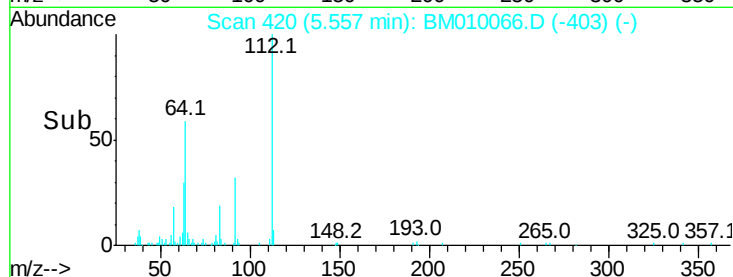
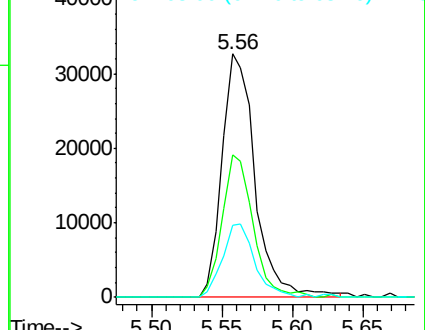
63 29.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 1.50 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

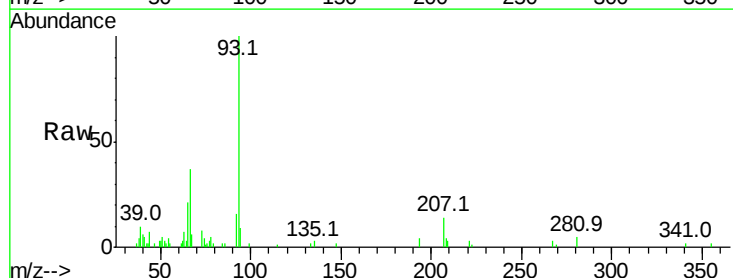
Tgt Ion: 93 Resp: 40474

Ion Ratio Lower Upper

93 100

66 37.5 30.8 46.2

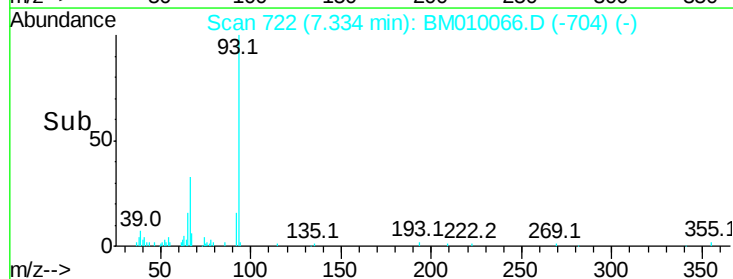
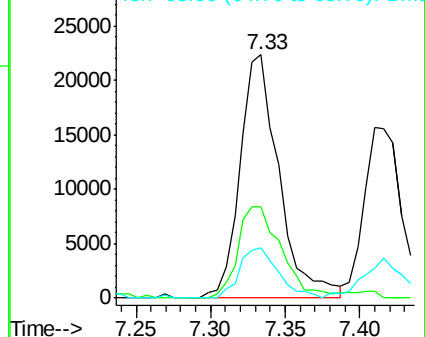
65 20.6 16.0 24.0

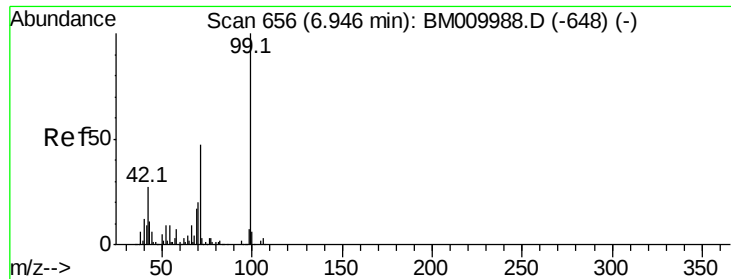


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 3.17 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

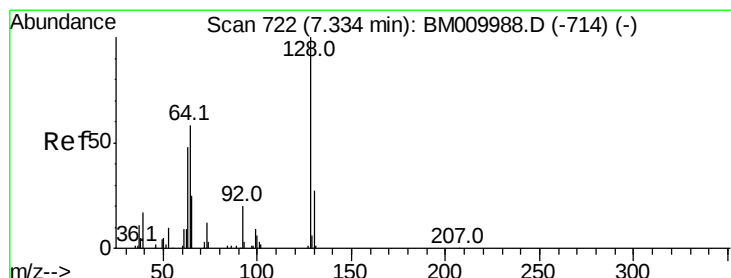
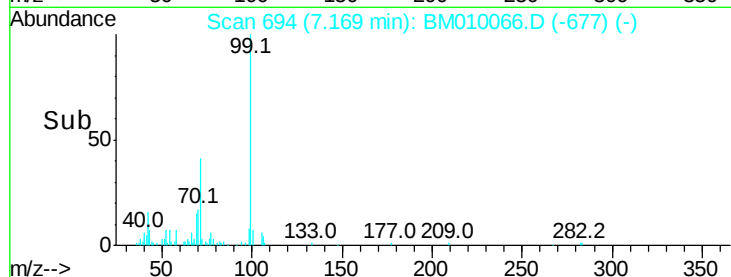
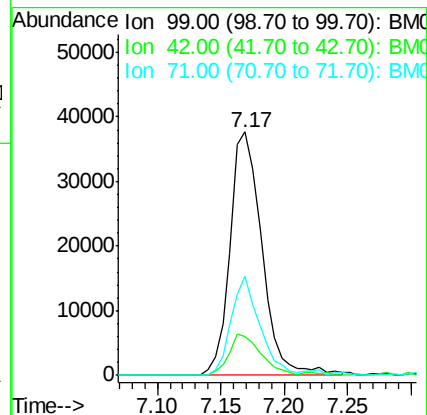
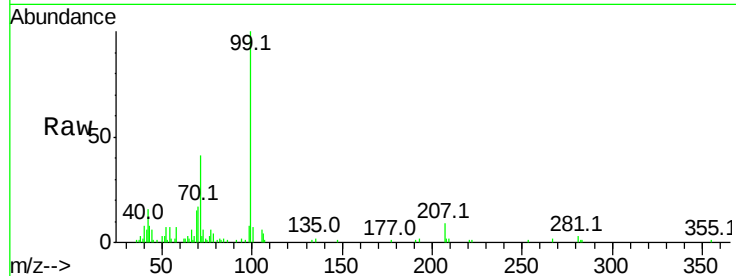
Tot Ion: 99 Resp: 65648

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

71 40.8 23.4 35.2#



#8

2-Chlorophenol

Concen: 2.10 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

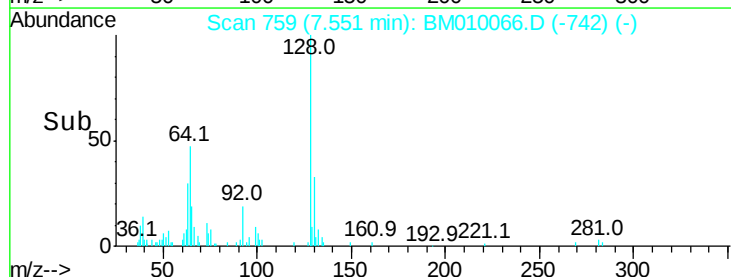
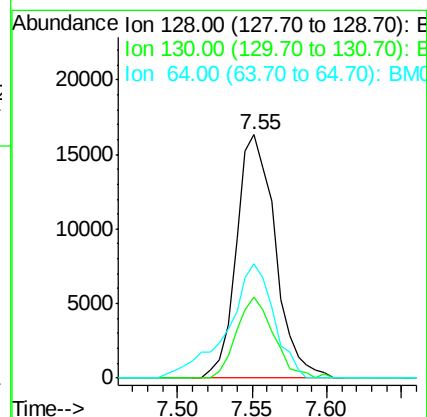
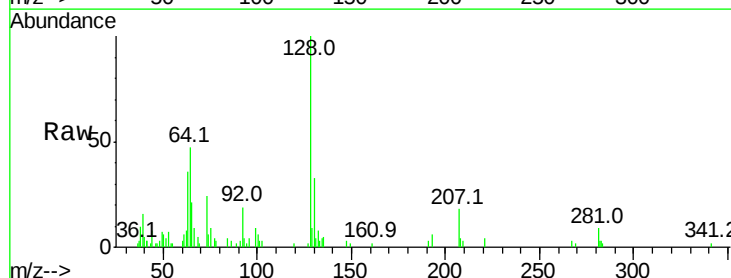
Tgt Ion: 128 Resp: 29513

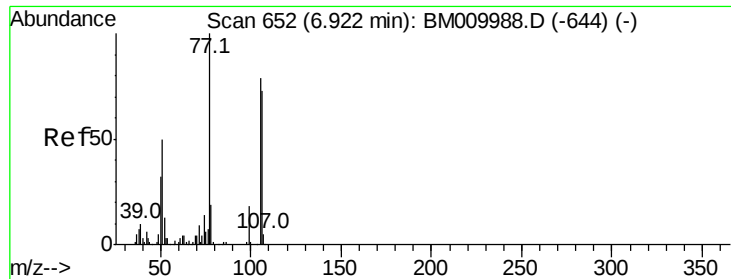
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 47.0 24.9 64.9

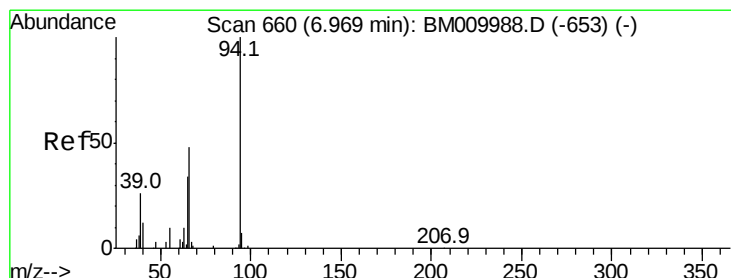
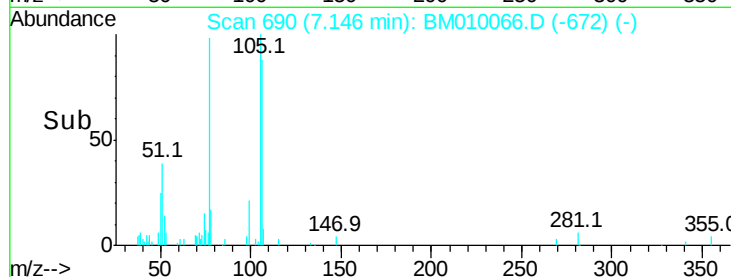
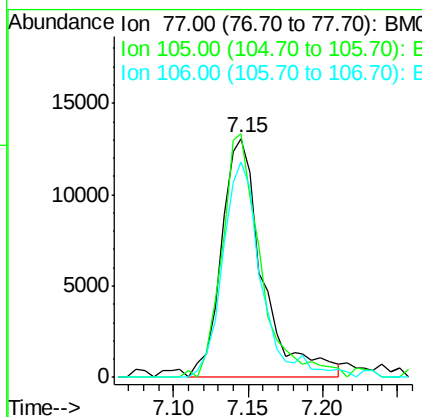
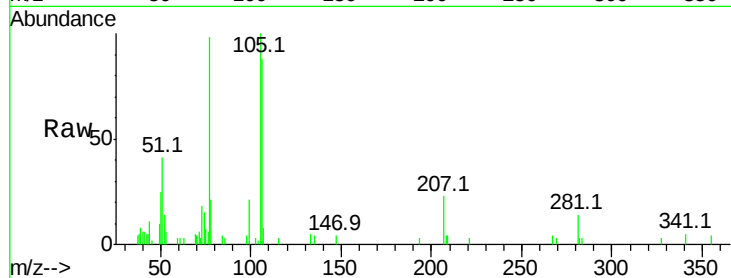




#9
Benzaldehyde
Concen: 1.63 ng
RT: 7.15 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

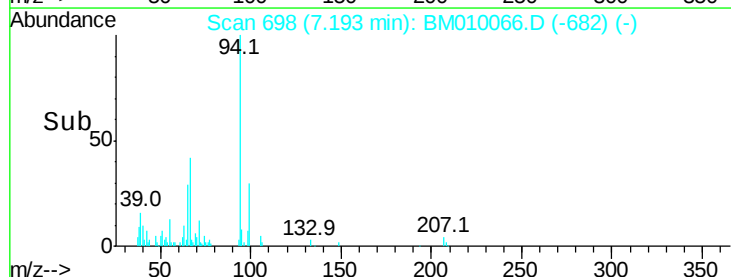
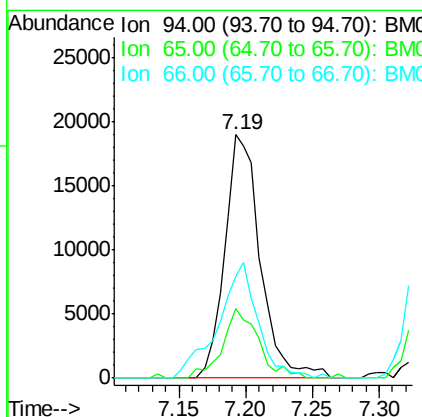
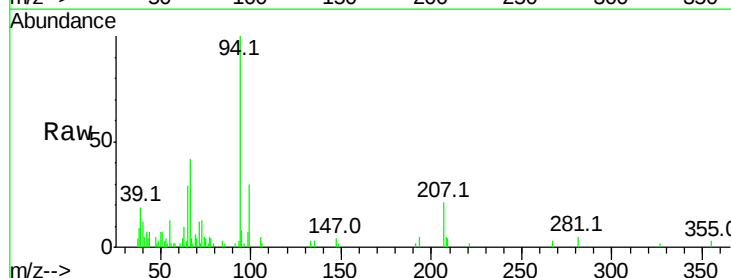
Instrument :
BNA_M
ClientSampleId :

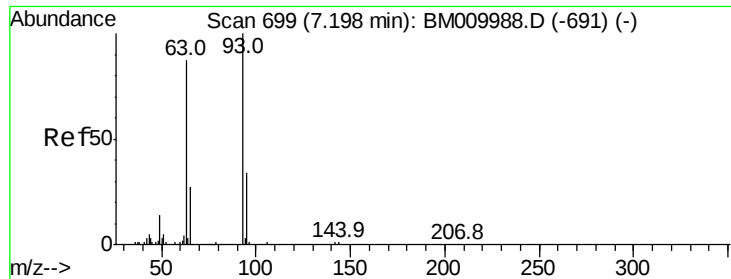
Tot Ion: 77 Resp: 25342
Ion Ratio Lower Upper
77 100
105 101.9 78.8 118.8
106 90.1 73.7 113.7



#10
Phenol
Concen: 1.57 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion: 94 Resp: 35303
Ion Ratio Lower Upper
94 100
65 28.8 18.8 58.8
66 41.7 39.9 79.9

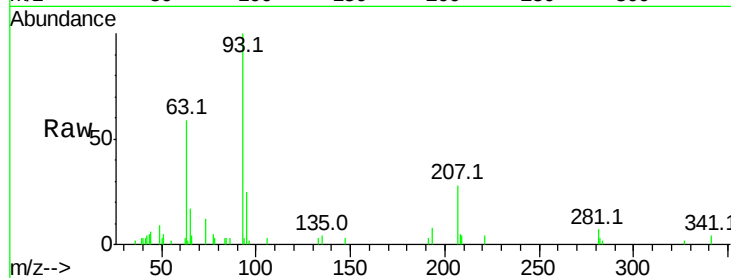




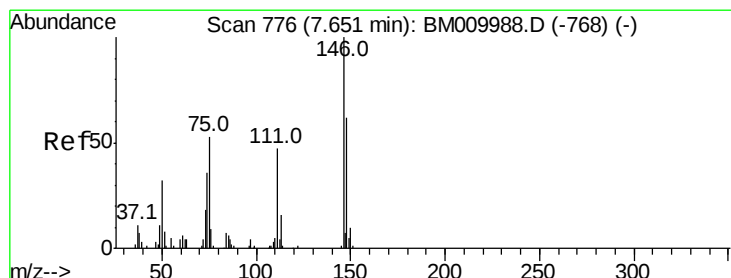
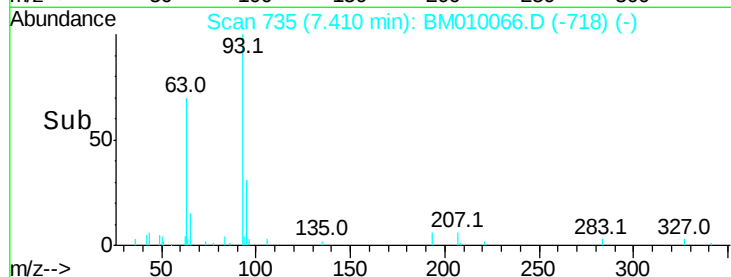
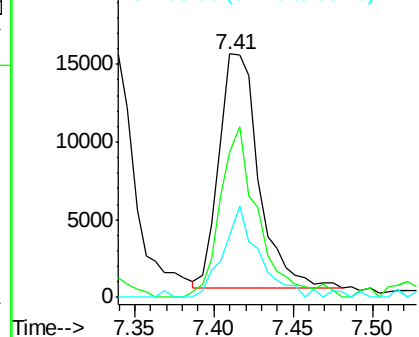
#11
bis(2-Chloroethyl)ether
Concen: 1.49 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 93 Resp: 26186
Ion Ratio Lower Upper
93 100
63 59.3 49.5 89.5
95 25.4 13.5 53.5

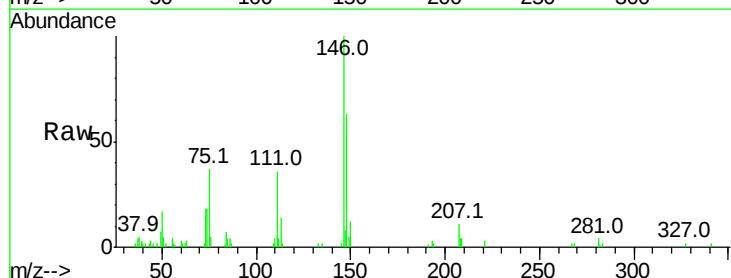


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

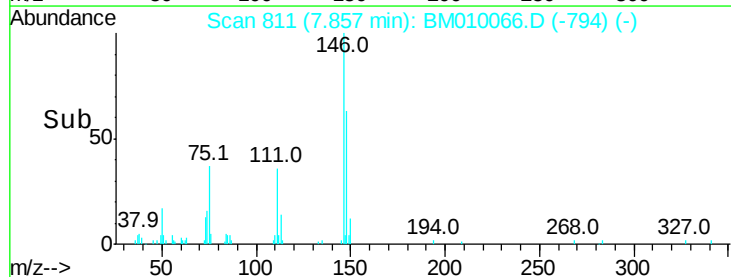
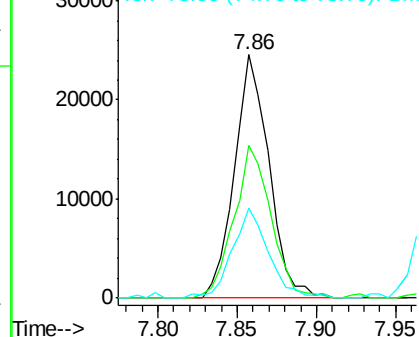


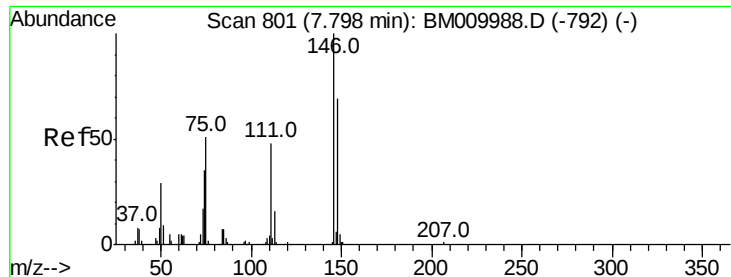
#12
1,3-Dichlorobenzene
Concen: 2.37 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion: 146 Resp: 37222
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 37.2 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

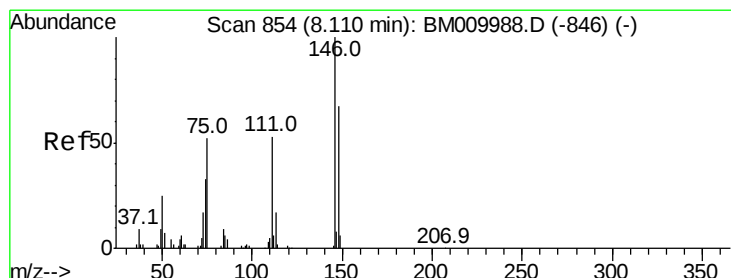
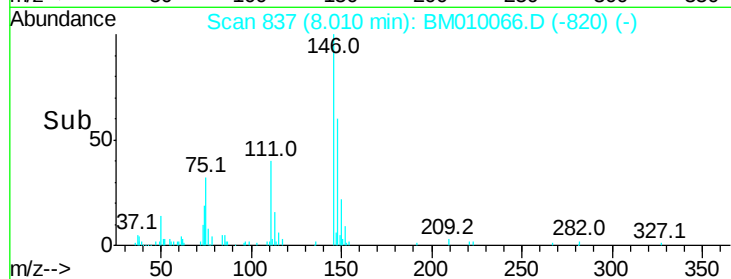
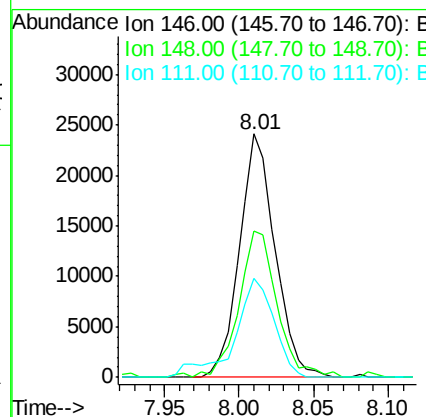
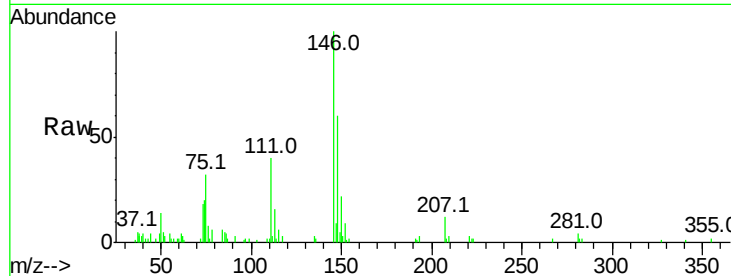




#13
 1,4-Dichlorobenzene
 Concen: 2.49 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

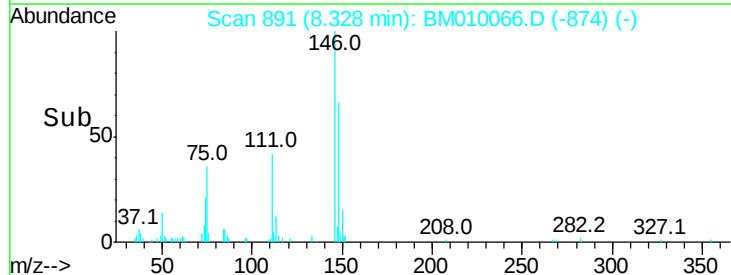
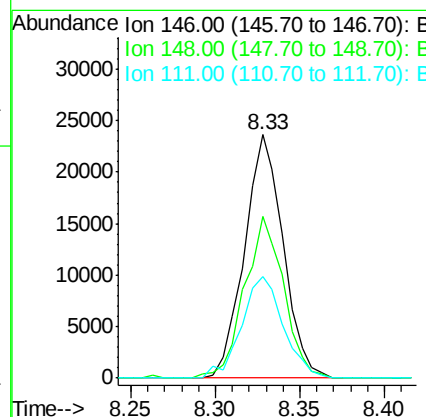
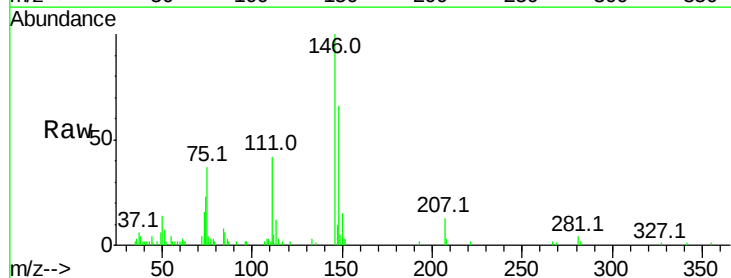
Instrument :
 BNA_M
 ClientSampleId :

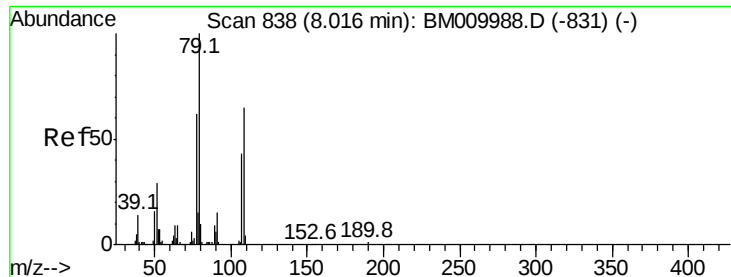
Tot Ion:146 Resp: 39942
 Ion Ratio Lower Upper
 146 100
 148 60.1 51.9 77.9
 111 40.4 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 2.41 ng
 RT: 8.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion:146 Resp: 37617
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.3 78.5
 111 41.7 30.6 45.8





#15

Benzyl Alcohol

Concen: 1.36 ng

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

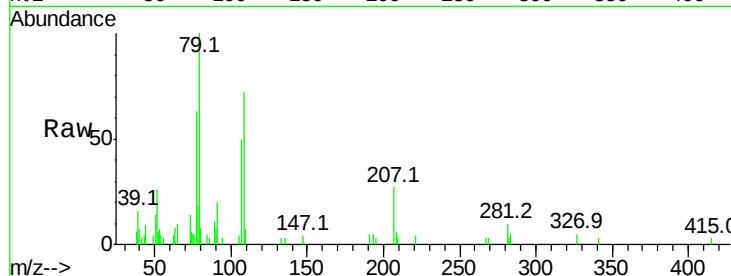
Tot Ion: 79 Resp: 24038

Ion Ratio Lower Upper

79 100

108 71.7 65.0 97.4

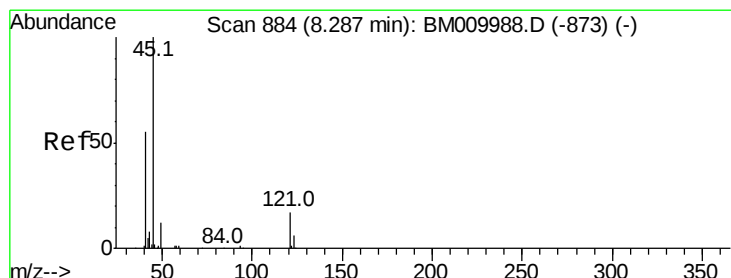
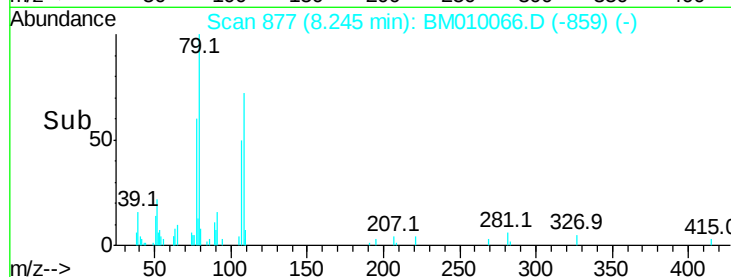
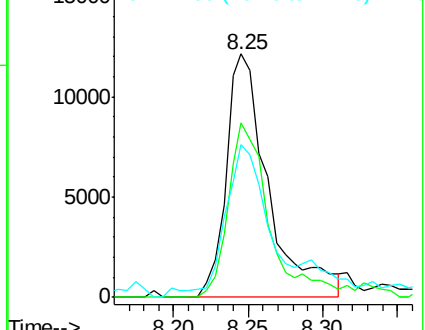
77 62.6 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010066.D (-859) (-)

Ion 108.00 (107.70 to 108.70): BM010066.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM010066.D (-859) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.06 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

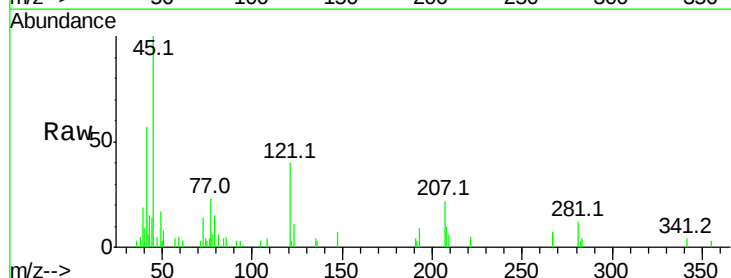
Tgt Ion: 45 Resp: 29386

Ion Ratio Lower Upper

45 100

77 23.3 0.0 35.2

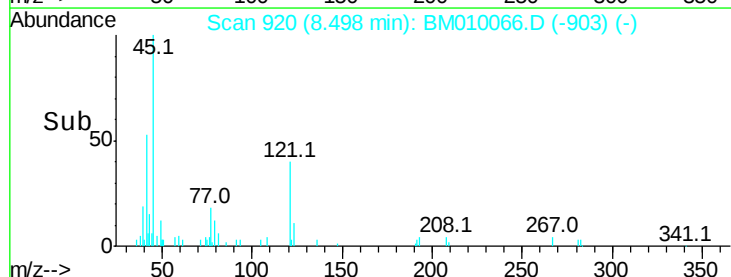
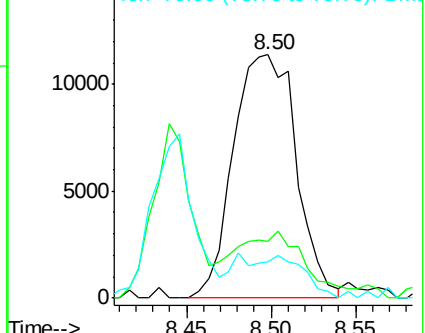
79 14.9 0.0 32.0

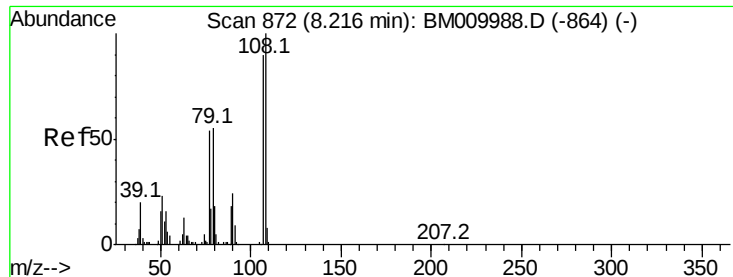


Abundance Ion 45.00 (44.70 to 45.70): BM010066.D (-903) (-)

Ion 77.00 (76.70 to 77.70): BM010066.D (-903) (-)

Ion 79.00 (78.70 to 79.70): BM010066.D (-903) (-)

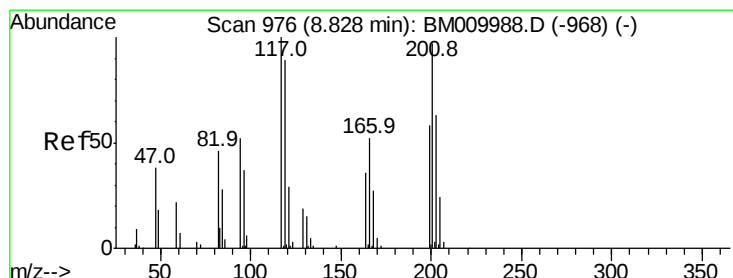
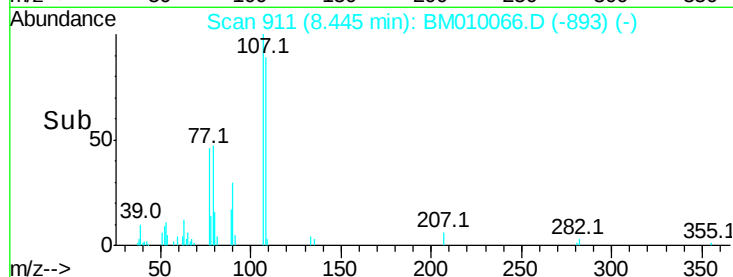
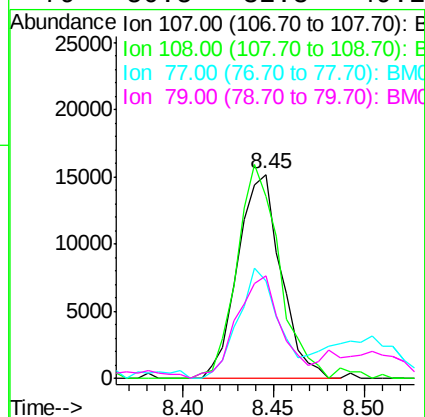
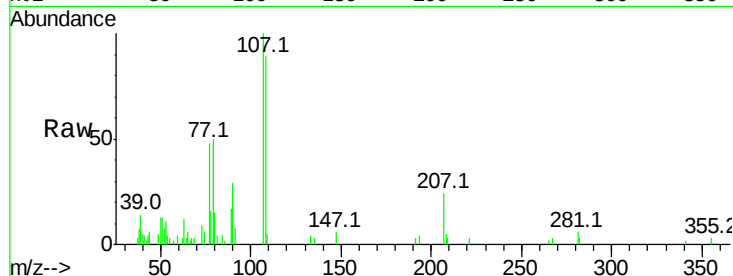




#17
2-Methylphenol
Concen: 1.71 ng
RT: 8.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

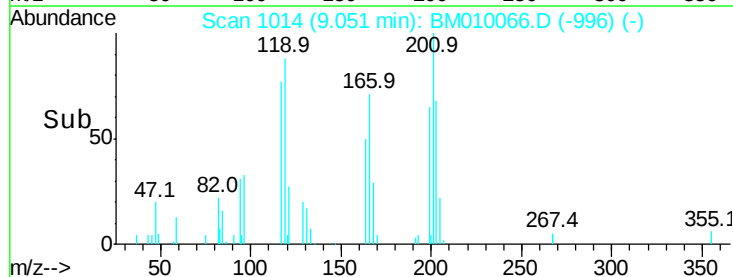
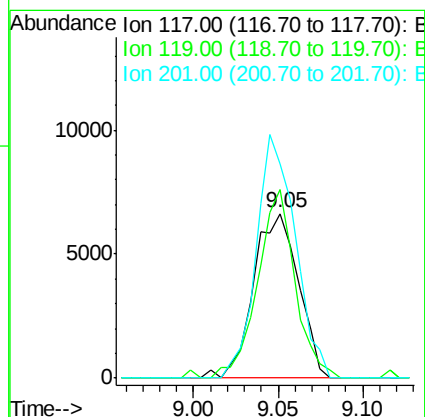
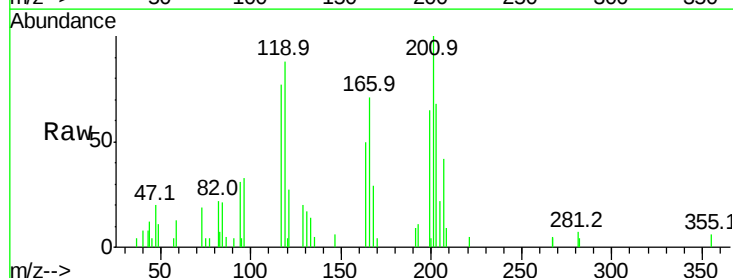
Instrument :
BNA_M
ClientSampled :

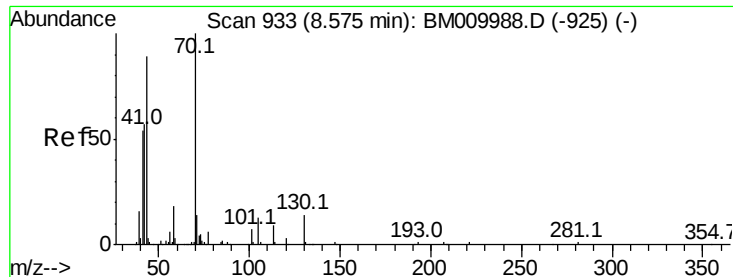
Tot Ion	Ratio	Lower	Upper
107	100		
108	89.3	89.8	134.8#
77	48.0	32.6	48.8
79	50.5	32.8	49.2#



#18
Hexachloroethane
Concen: 1.84 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	114.5	79.2	118.8
201	129.8	69.8	104.6#

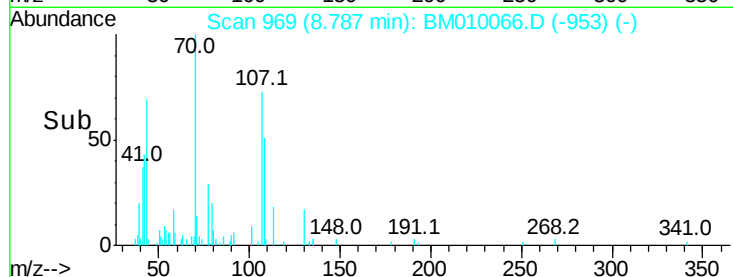
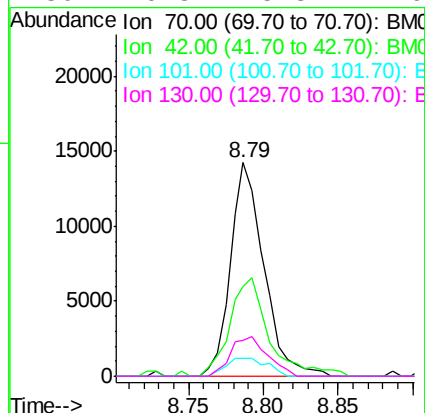
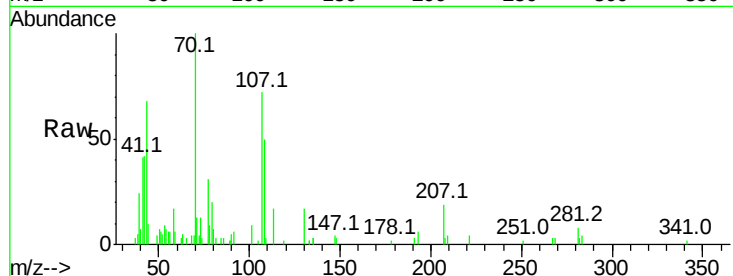




#19
n-Nitroso-di-n-propylamine
Concen: 1.18 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

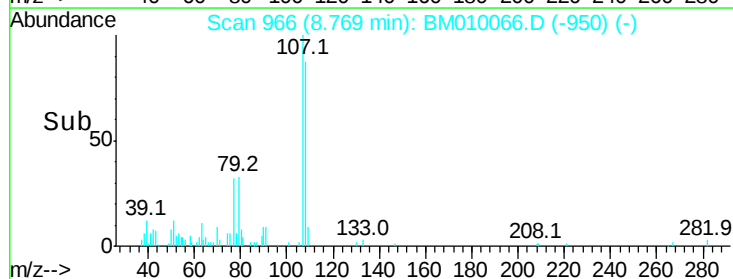
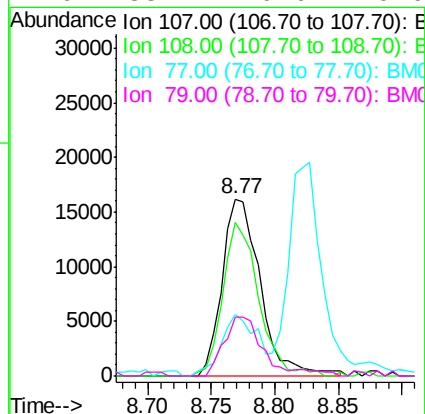
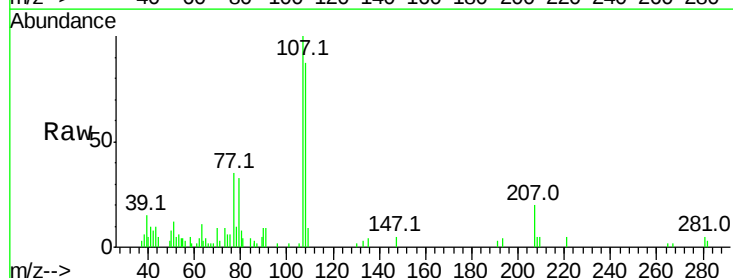
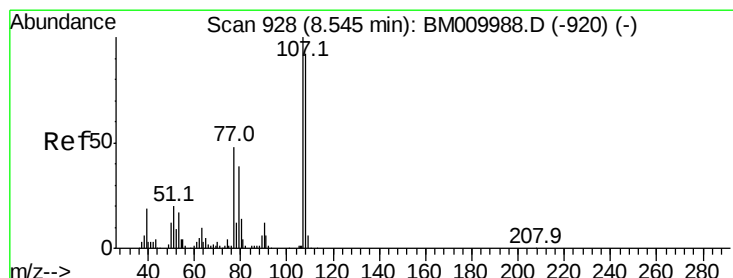
Instrument :
BNA_M
ClientSampleId :

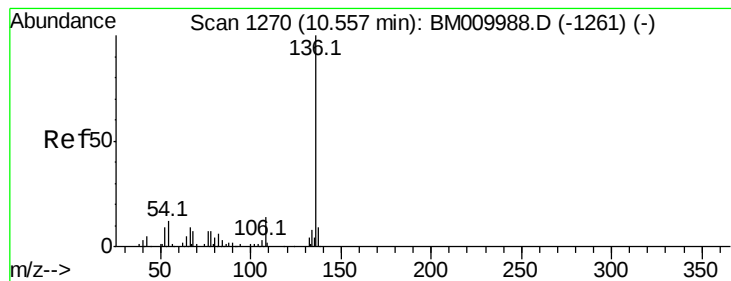
Tot Ion:	70	Resp:	22263
Ion	Ratio	Lower	Upper
70	100		
42	41.8	44.5	66.7#
101	8.5	7.4	11.2
130	16.8	15.3	22.9



#20
3+4-Methylphenols
Concen: 1.69 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:	107	Resp:	33902
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	34.6	10.7	50.7
79	33.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 753405

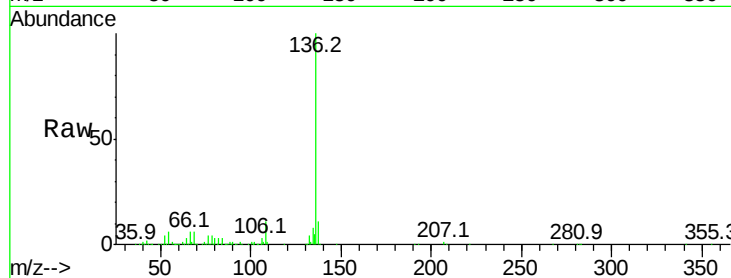
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.4 4.6 6.8

68 5.8 3.7 5.5#

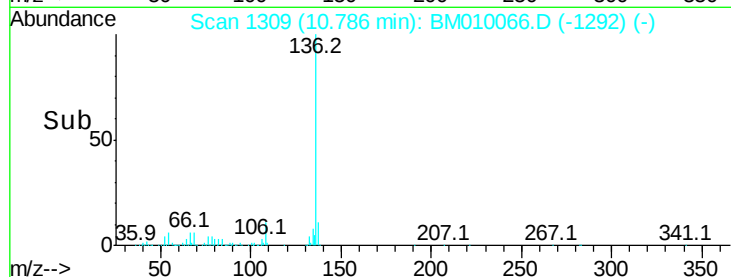


Abundance Ion 136.00 (135.70 to 136.70): E

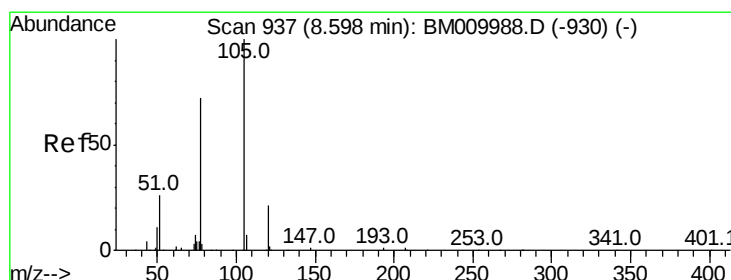
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#22

Acetophenone

Concen: 1.94 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Tgt Ion:105 Resp: 44754

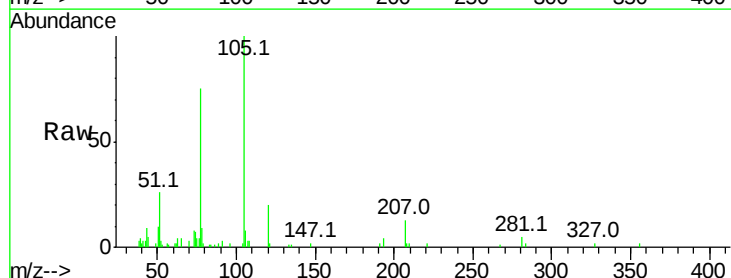
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 25.7 21.6 32.4

120 20.3 16.1 24.1

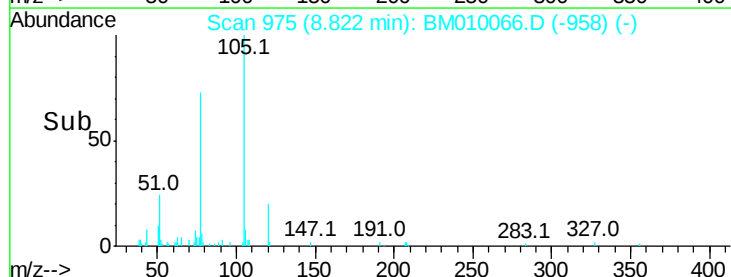


Abundance Ion 105.00 (104.70 to 105.70): E

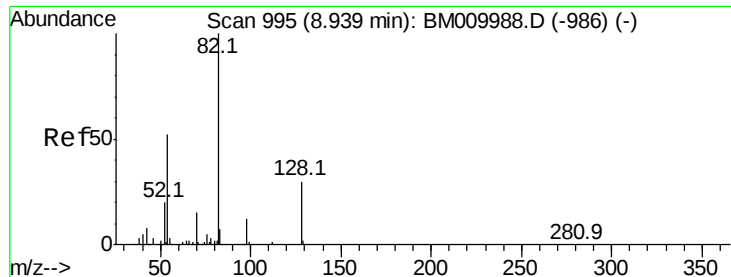
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



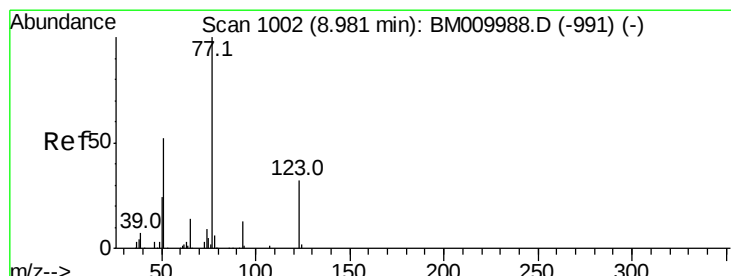
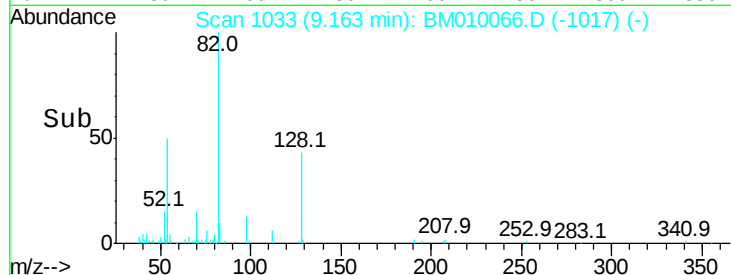
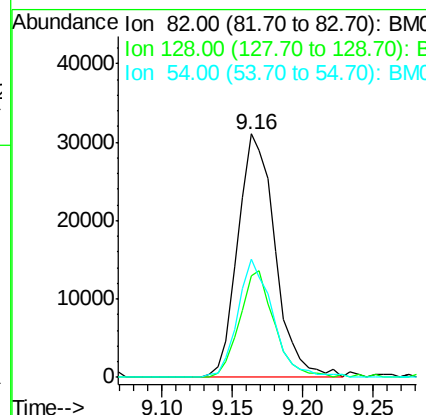
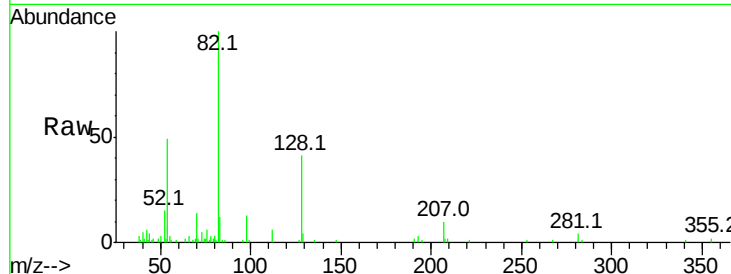
Time-->



#23
Nitrobenzene-d5
Concen: 2.80 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

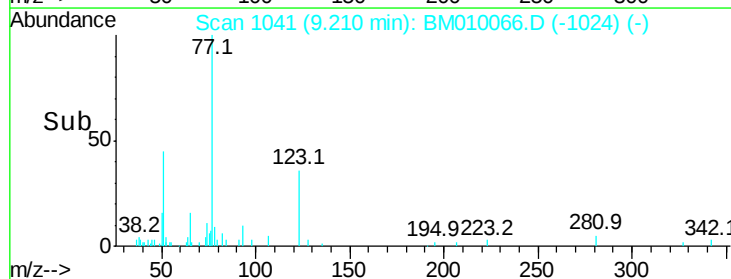
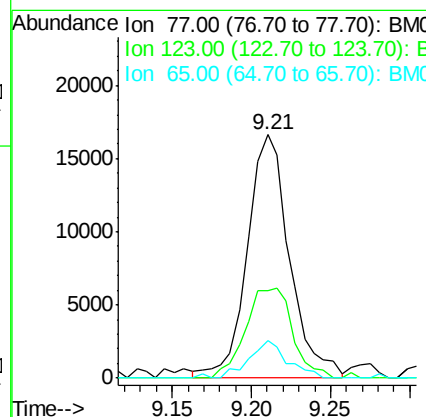
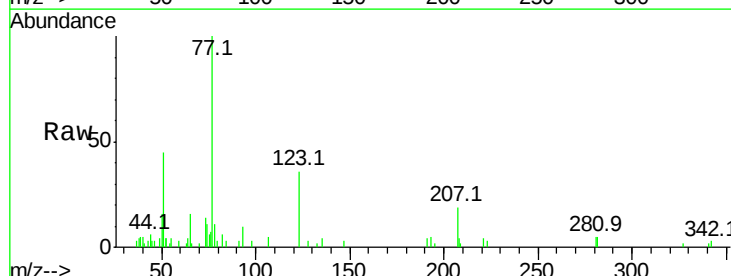
Instrument :
BNA_M
ClientSampleId :

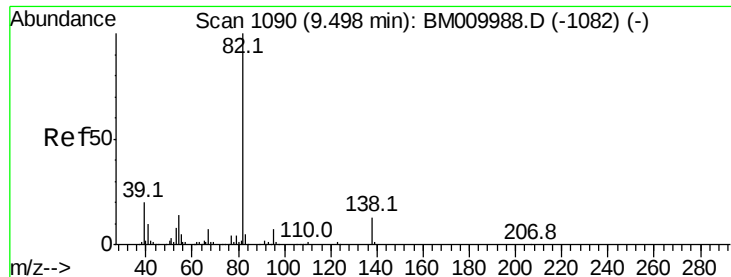
Tot Ion	82	Resp	57629
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	48.6	40.6	60.8



#24
Nitrobenzene
Concen: 1.41 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion	77	Resp	30868
Ion	Ratio	Lower	Upper
77	100		
123	36.1	32.6	49.0
65	15.5	10.9	16.3





#25

Isophorone

Concen: 1.48 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampled :

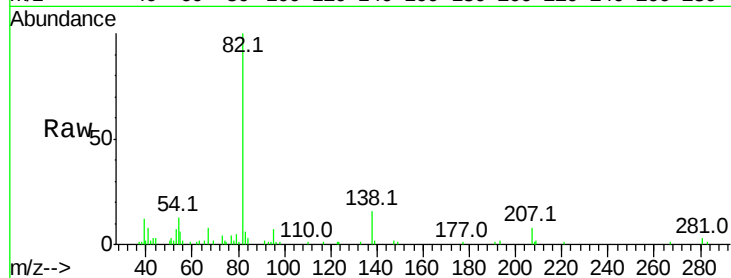
Tot Ion: 82 Resp: 52568

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

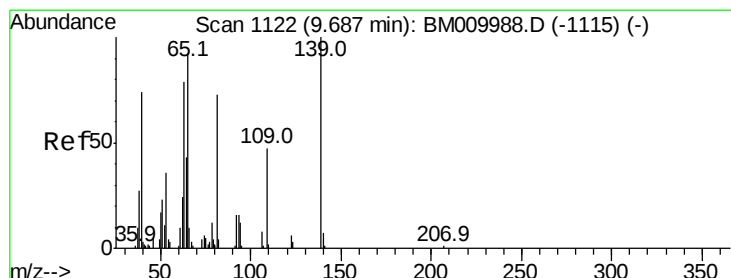
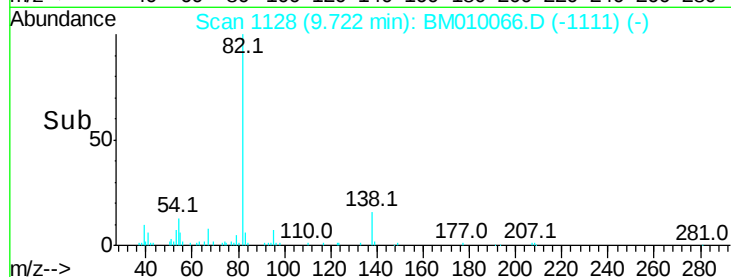
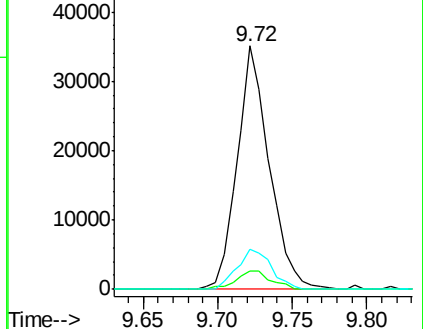
138 16.2 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010066.D (-1128) (-)

Ion 95.00 (94.70 to 95.70): BM010066.D (-1128) (-)

Ion 138.00 (137.70 to 138.70): BM010066.D (-1128) (-)



#26

2-Nitrophenol

Concen: 1.80 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

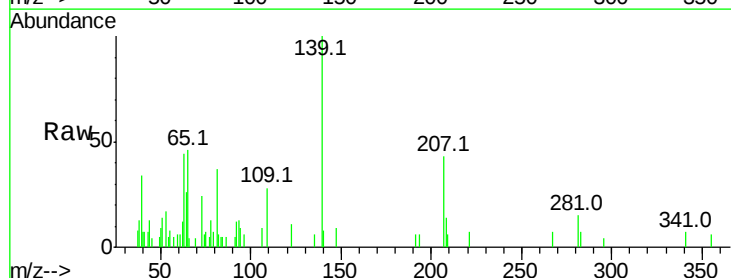
Tgt Ion: 139 Resp: 11915

Ion Ratio Lower Upper

139 100

109 27.7 20.1 30.1

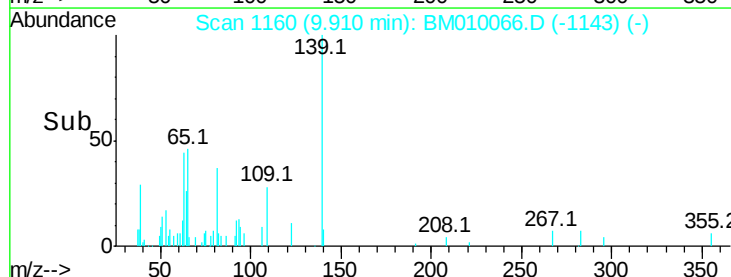
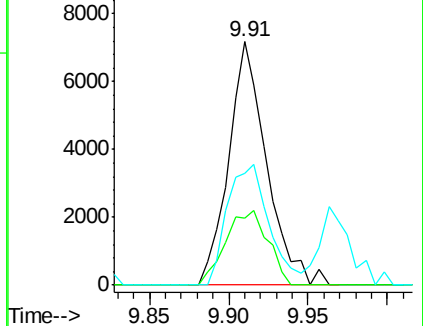
65 45.7 31.5 47.3

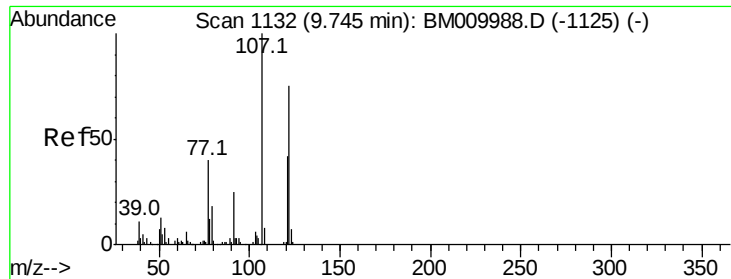


Abundance Ion 139.00 (138.70 to 139.70): BM010066.D (-1160) (-)

Ion 109.00 (108.70 to 109.70): BM010066.D (-1160) (-)

Ion 65.00 (64.70 to 65.70): BM010066.D (-1160) (-)

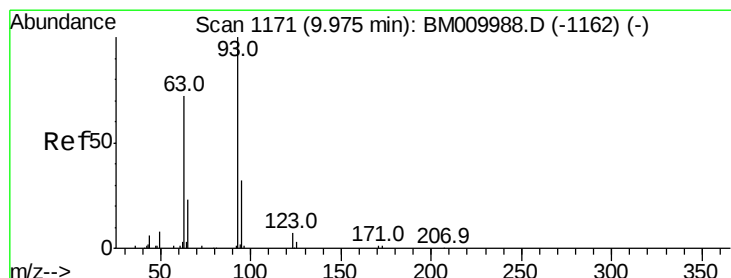
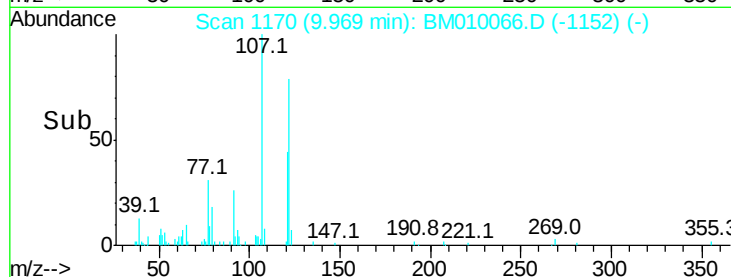
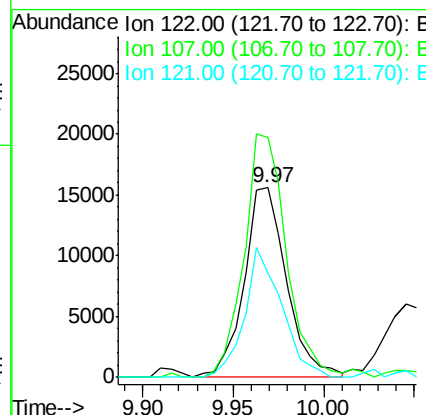
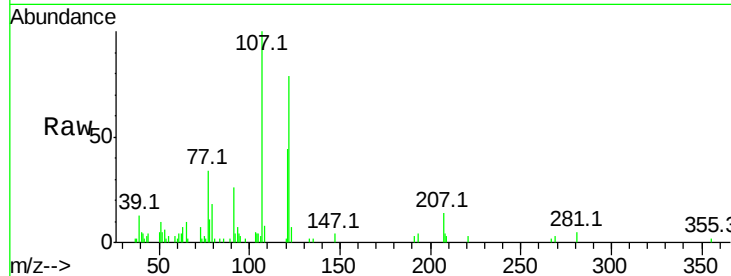




#27
 2,4-Dimethylphenol
 Concen: 2.06 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

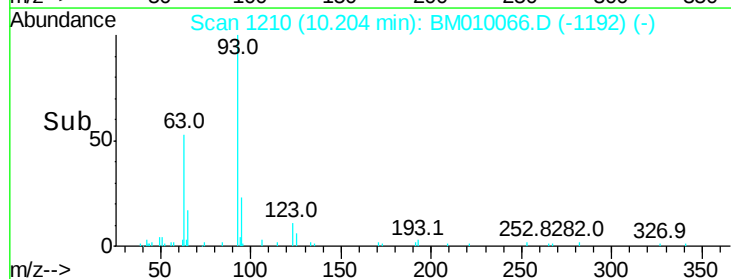
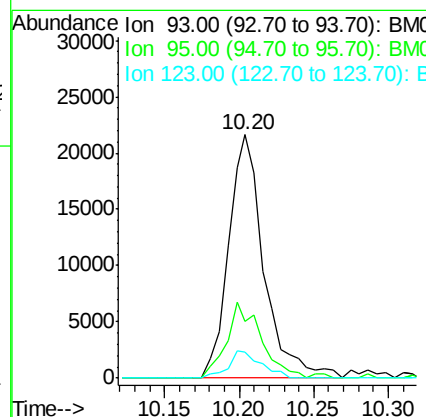
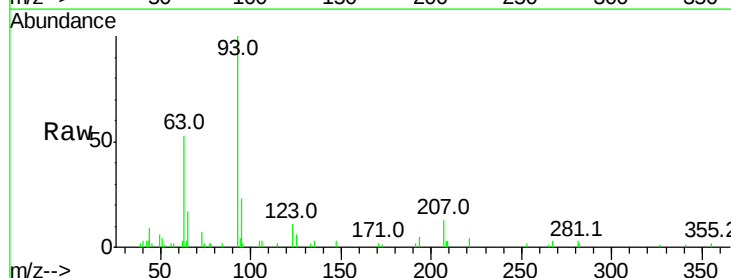
Instrument :
 BNA_M
 ClientSampleId :

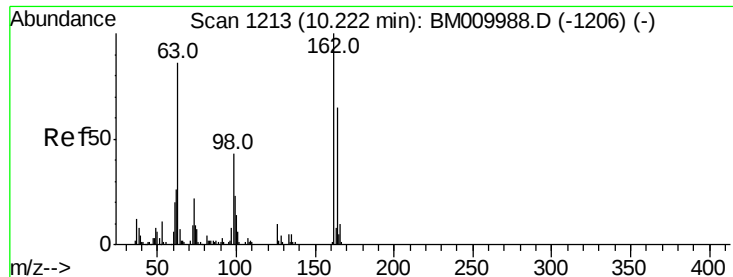
Tot Ion:122 Resp: 25454
 Ion Ratio Lower Upper
 122 100
 107 126.7 84.7 127.1
 121 55.1 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.67 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion: 93 Resp: 35725
 Ion Ratio Lower Upper
 93 100
 95 23.2 25.5 38.3#
 123 10.8 8.6 13.0

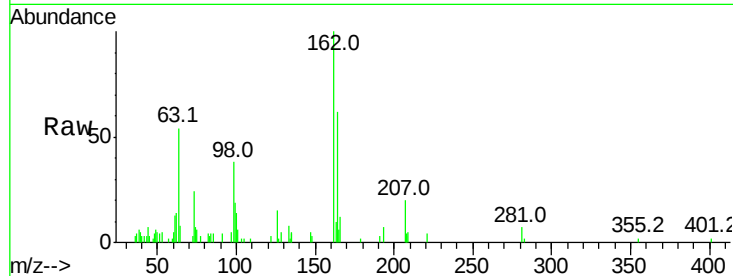




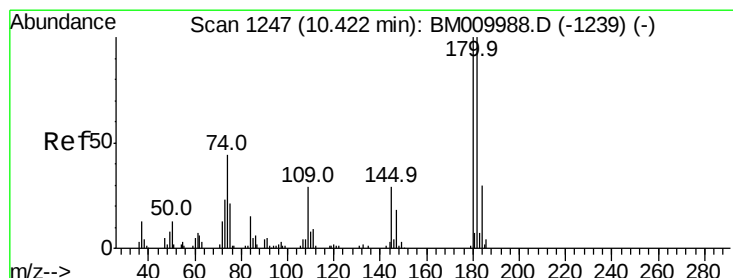
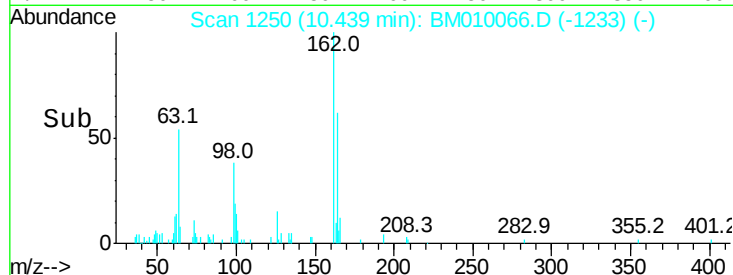
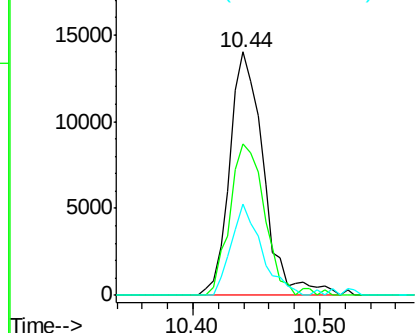
#29
 2,4-Dichlorophenol
 Concen: 2.15 ng
 RT: 10.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.8	82.8
98	37.5	14.5	54.5

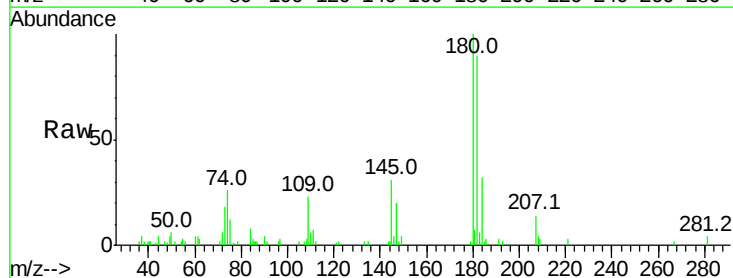


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

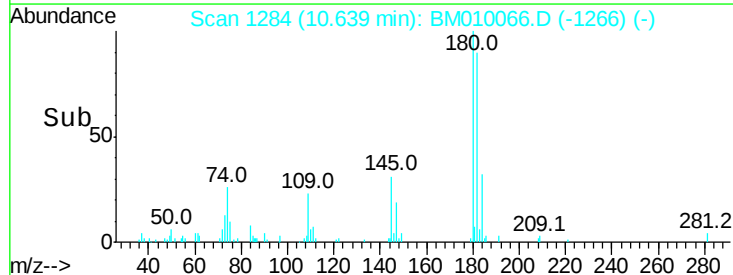
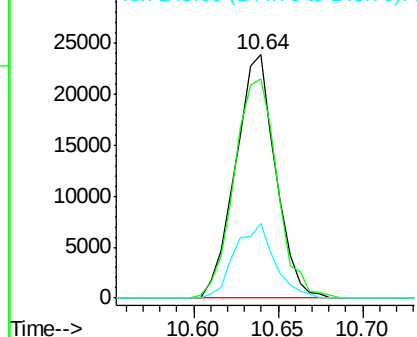


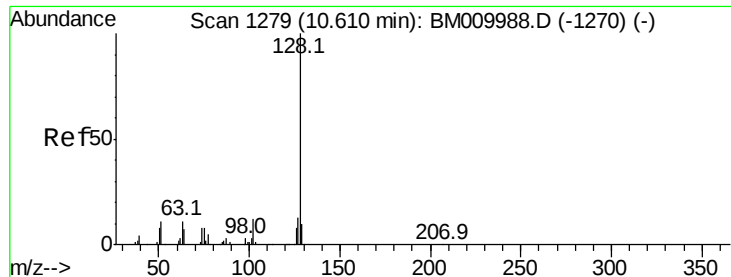
#30
 1,2,4-Trichlorobenzene
 Concen: 2.80 ng
 RT: 10.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	77.6	116.4
145	30.9	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

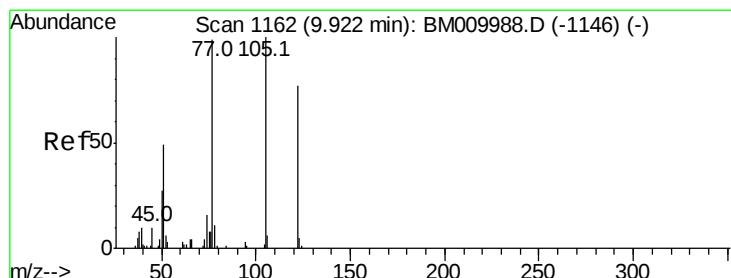
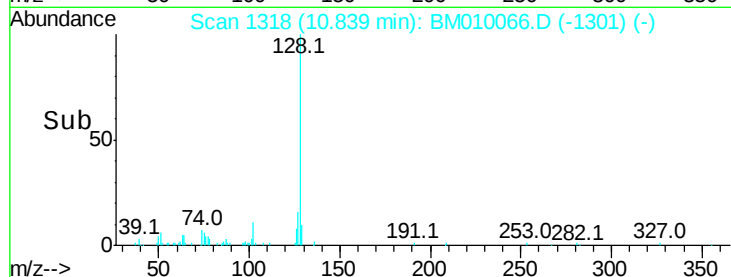
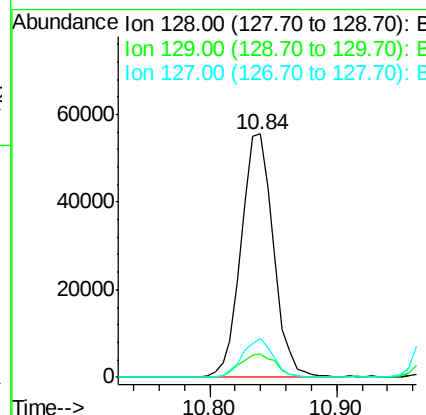
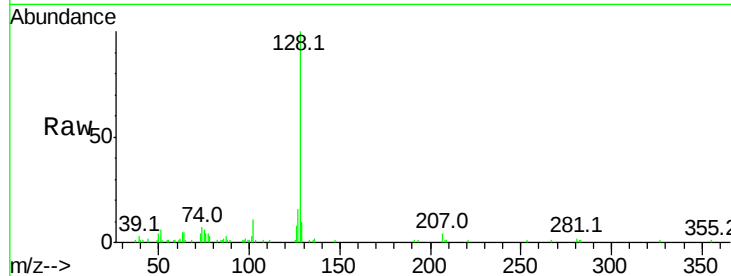




#31
Naphthalene
Concen: 2.36 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

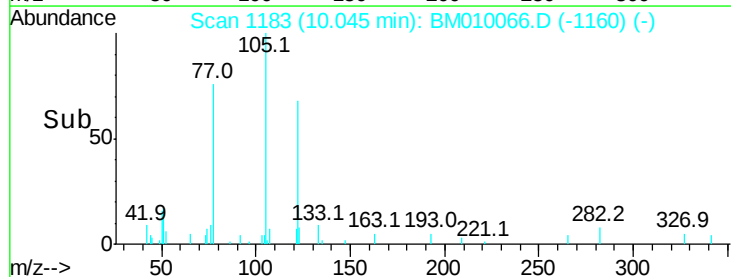
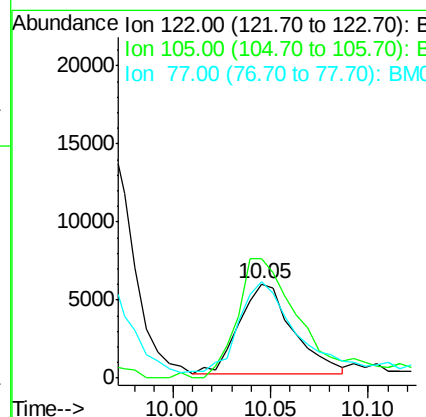
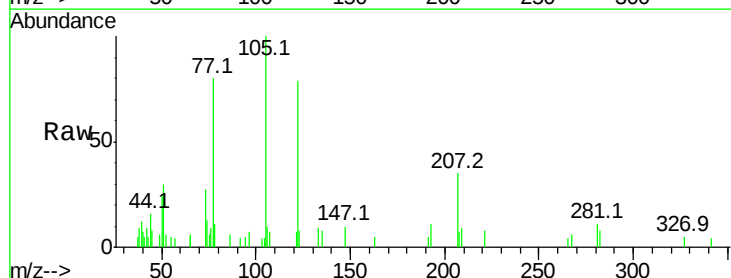
Instrument :
BNA_M
ClientSampleId :

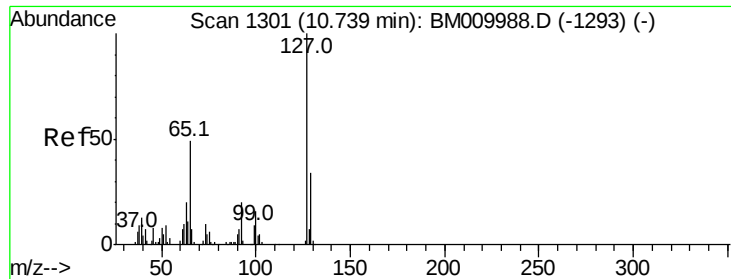
Tot Ion:128 Resp: 98026
Ion Ratio Lower Upper
128 100
129 9.7 8.9 13.3
127 16.1 10.4 15.6#



#32
Benzoic acid
Concen: 1.31 ng
RT: 10.05 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:122 Resp: 10797
Ion Ratio Lower Upper
122 100
105 127.4 99.9 139.9
77 102.4 73.7 113.7

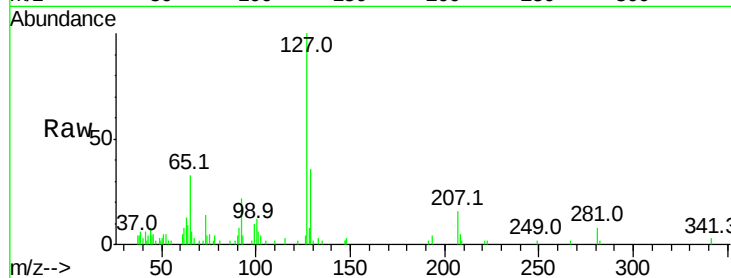




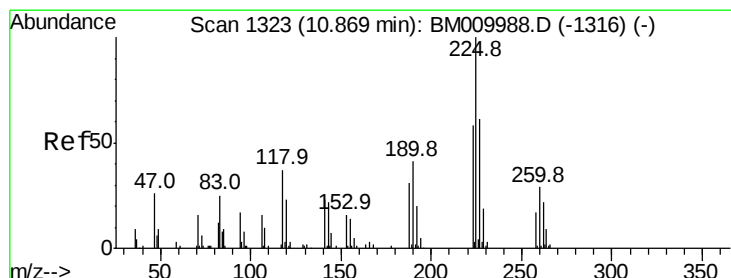
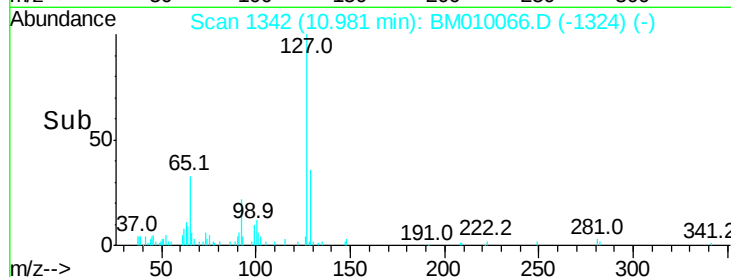
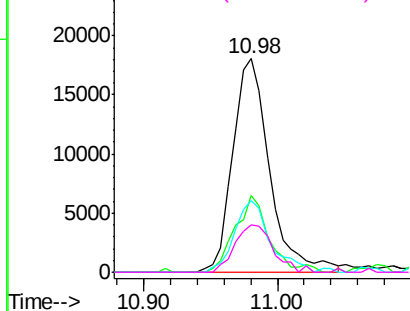
#33
4-Chloroaniline
Concen: 1.96 ng
RT: 10.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	34639
Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.3	37.9
65	33.3	17.6	26.4
92	21.9	13.1	19.7

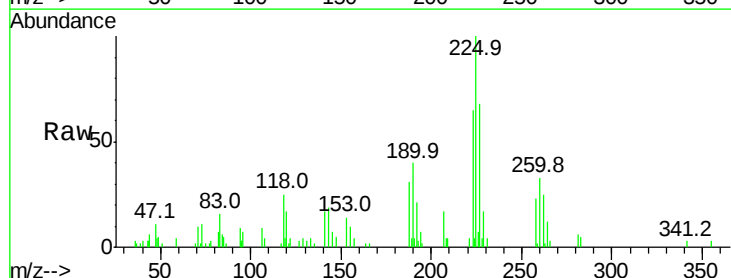


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

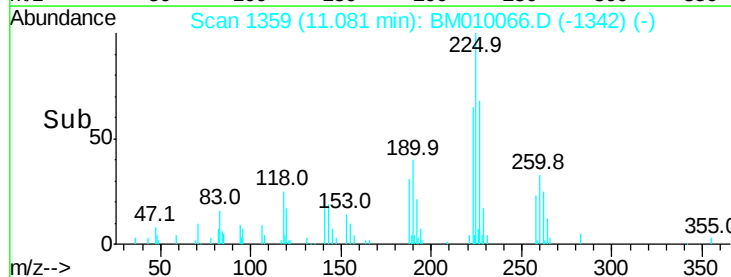
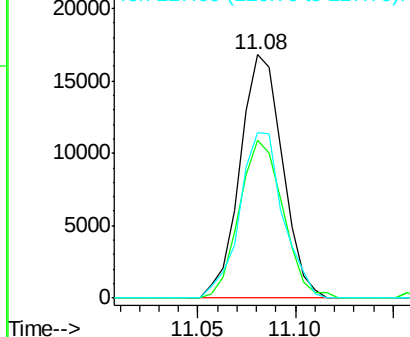


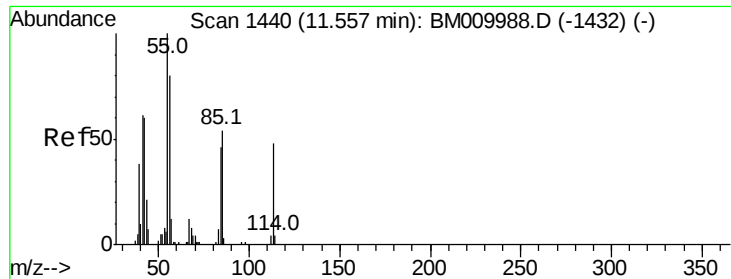
#34
Hexachlorobutadiene
Concen: 2.66 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:	225	Resp:	25446
Ion	Ratio	Lower	Upper
225	100		
223	64.8	47.9	71.9
227	68.1	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 1.50 ng

RT: 11.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampled :

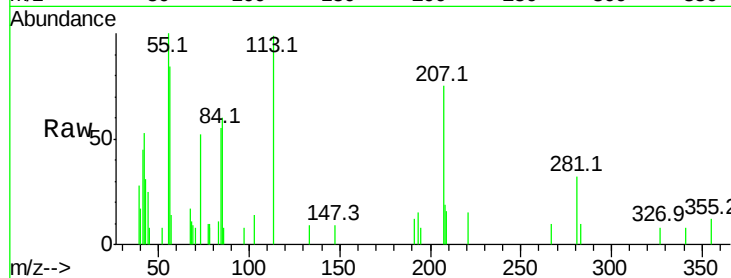
Tot Ion:113 Resp: 7069

Ion Ratio Lower Upper

113 100

55 101.2 145.9 185.9#

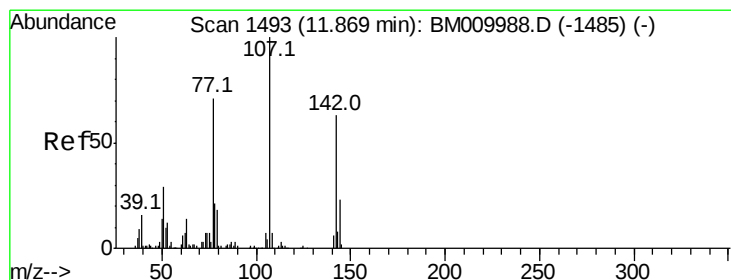
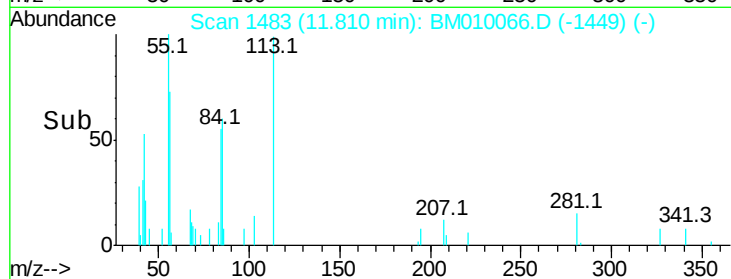
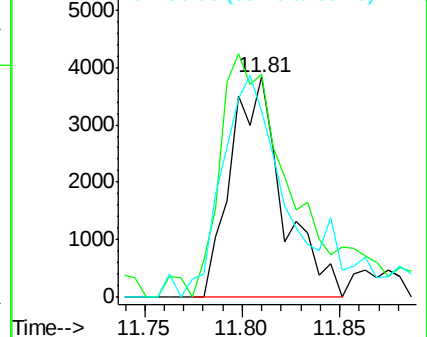
56 84.6 101.0 141.0#



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: 1.75 ng

RT: 12.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

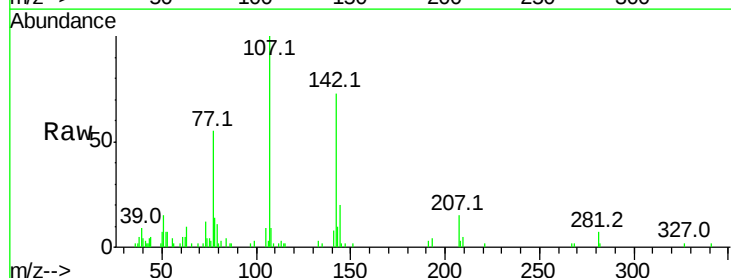
Tgt Ion:107 Resp: 28216

Ion Ratio Lower Upper

107 100

144 20.2 23.3 34.9#

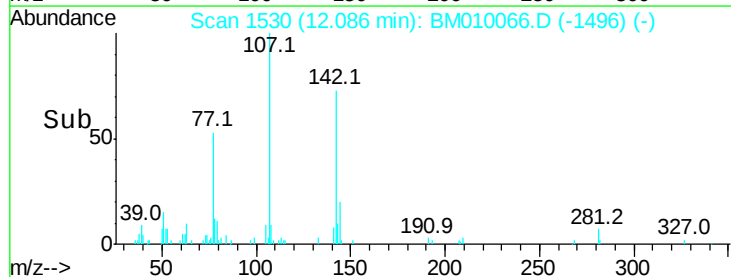
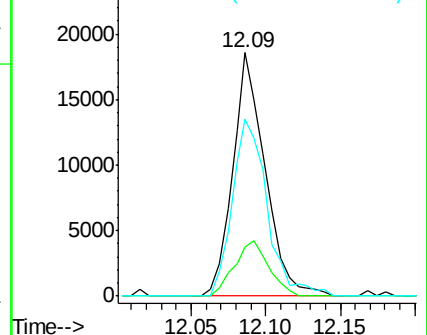
142 72.9 72.6 109.0

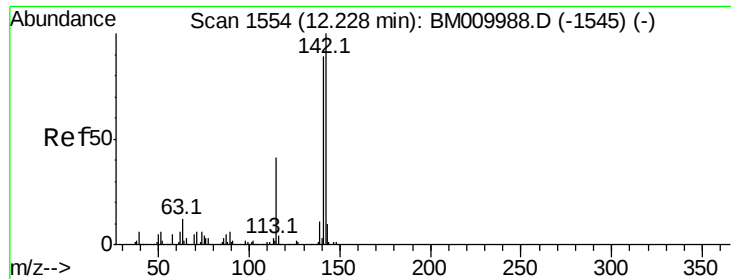


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

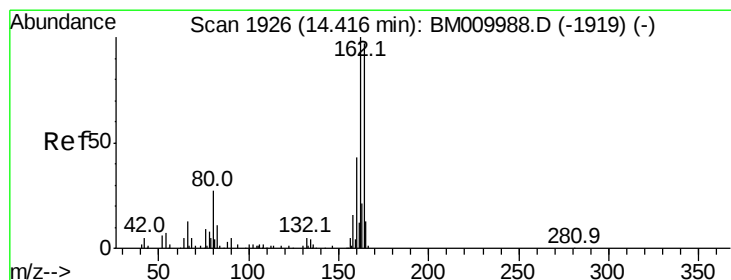
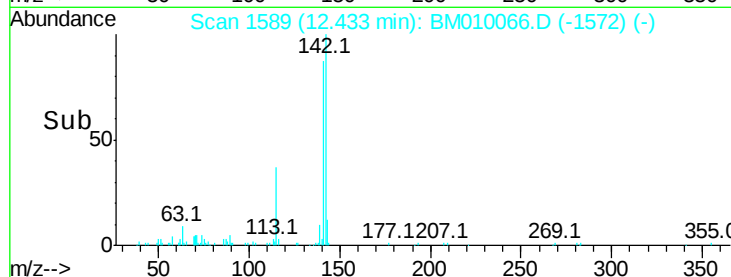
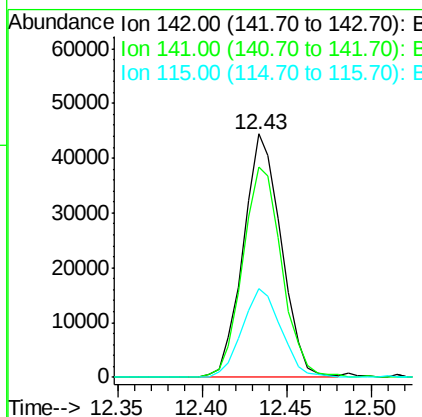
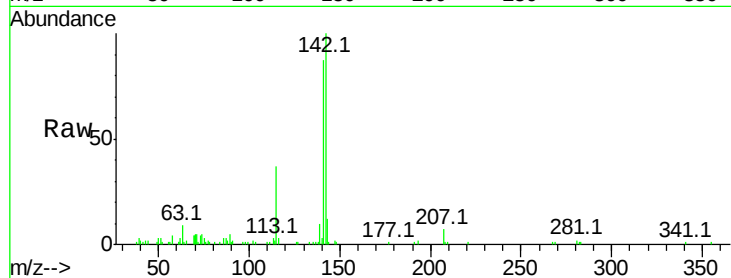




#37
2-Methylnaphthalene
Concen: 2.34 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

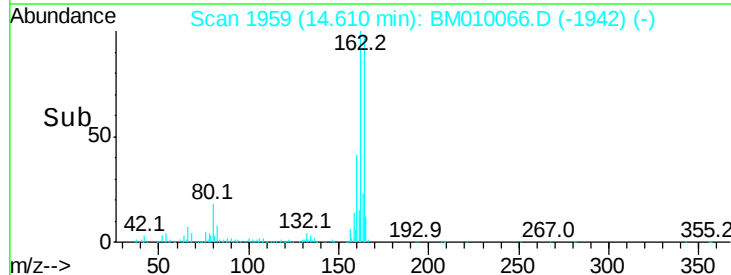
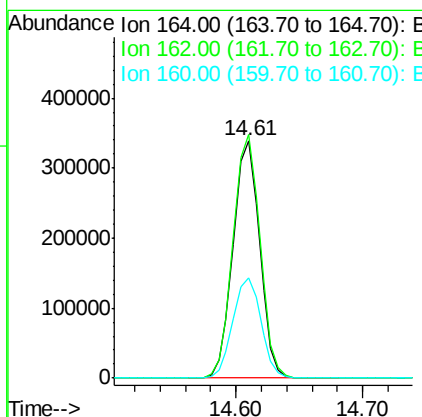
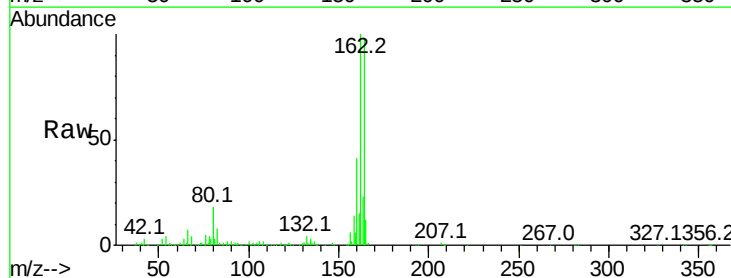
Instrument :
BNA_M
ClientSampleId :

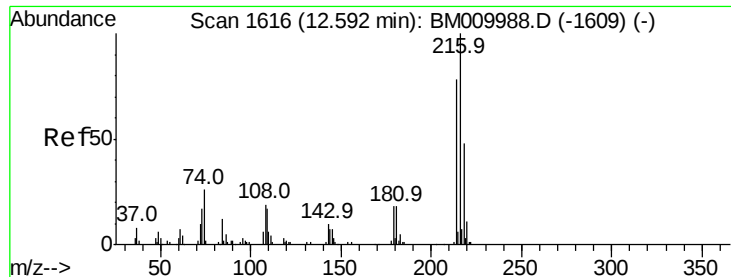
Tot Ion:142 Resp: 69554
Ion Ratio Lower Upper
142 100
141 86.6 71.9 107.9
115 36.6 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:164 Resp: 489991
Ion Ratio Lower Upper
164 100
162 102.5 82.4 123.6
160 42.2 35.8 53.6

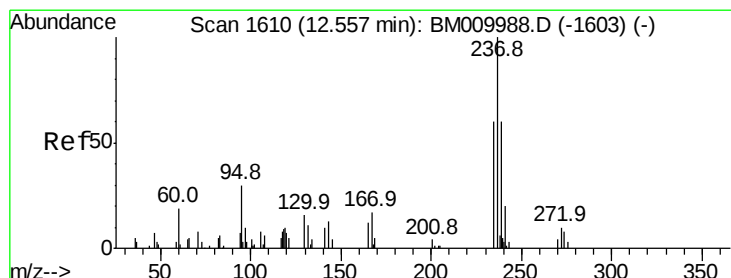
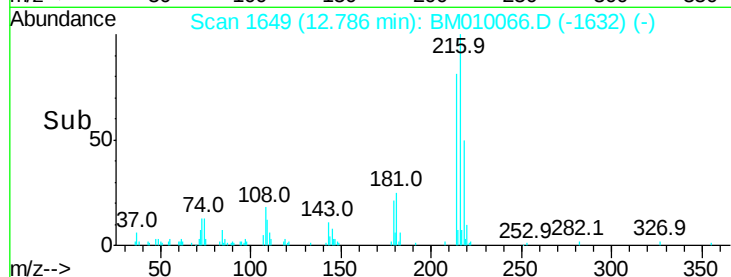
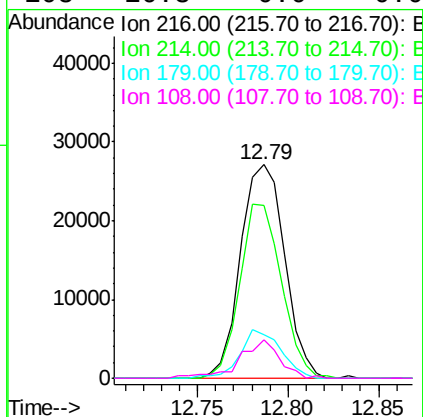
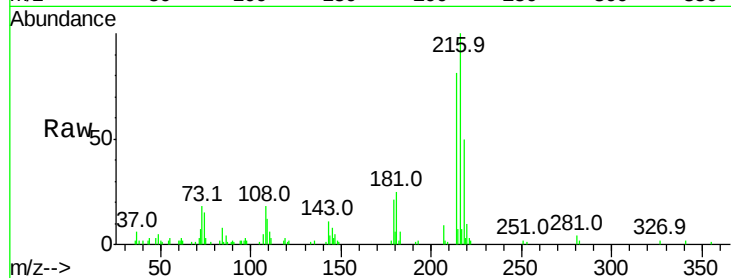




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.57 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

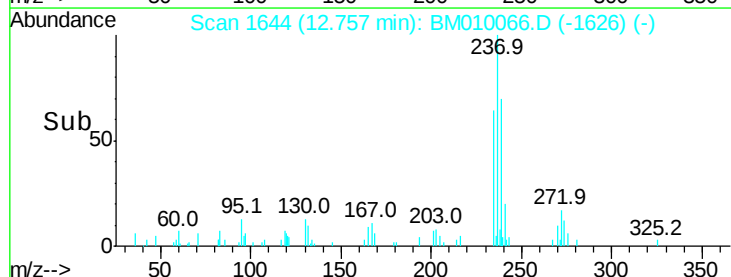
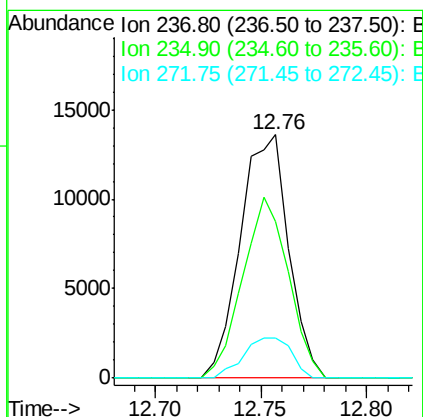
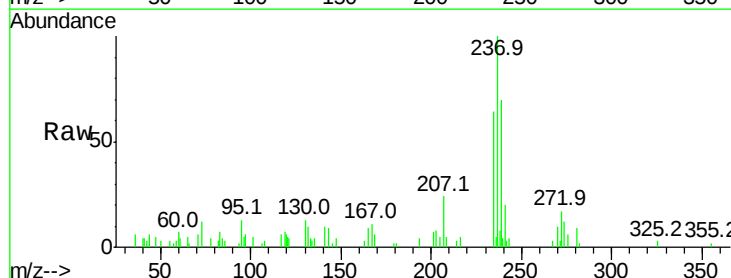
Instrument :
 BNA_M
 ClientSampleId :

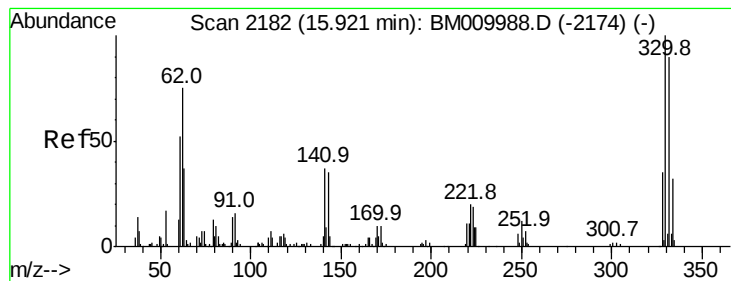
Tot Ion:	216	Resp:	45881
Ion	Ratio	Lower	Upper
216	100		
214	77.2	0.0	0.0#
179	21.1	0.0	0.0#
108	16.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 7.86 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion:	237	Resp:	21507
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.0	82.0
272	16.7	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 4.36 ng

RT: 16.10 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

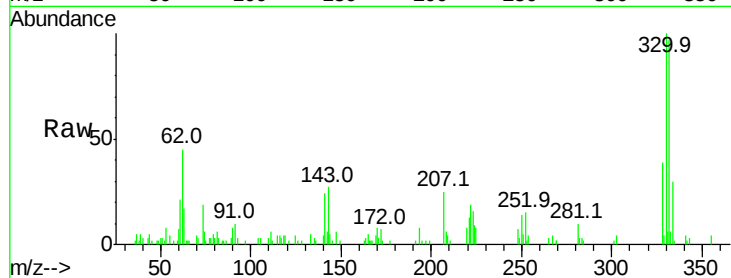
Tot Ion:330 Resp: 29235

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

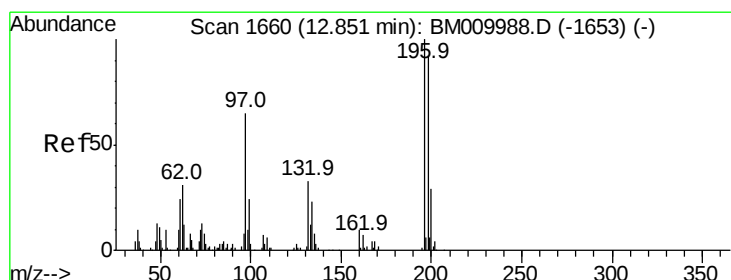
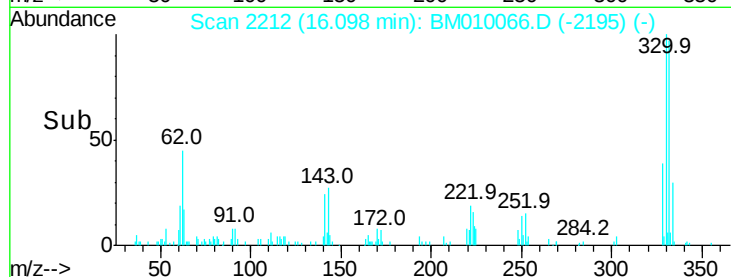
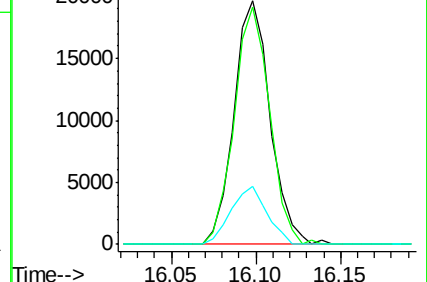
141 23.6 0.0 0.0#



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: 2.06 ng

RT: 13.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

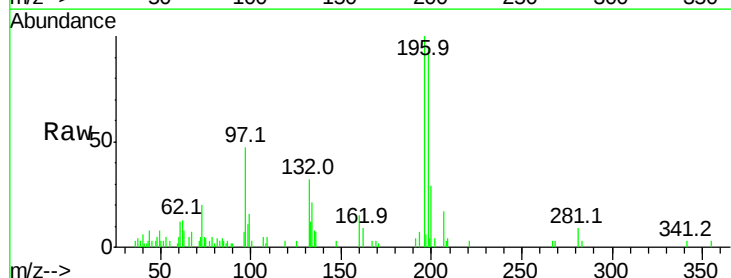
Tgt Ion:196 Resp: 22610

Ion Ratio Lower Upper

196 100

198 94.3 76.3 114.5

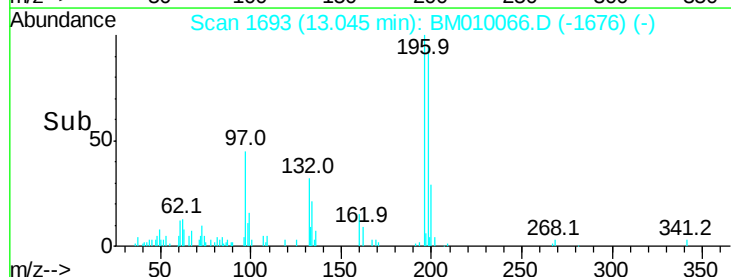
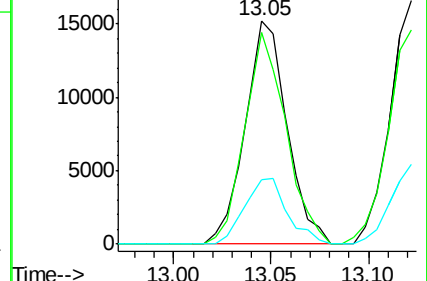
200 28.9 25.6 38.4

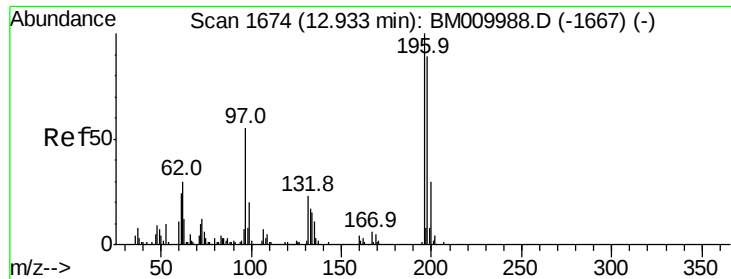


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

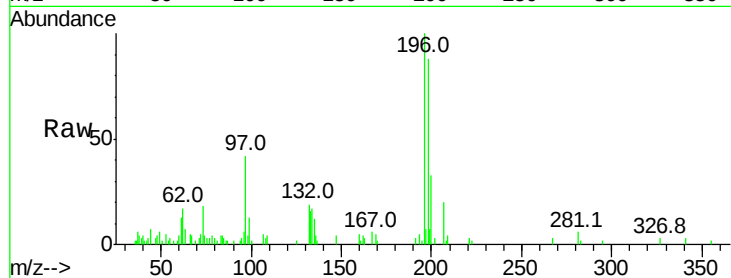




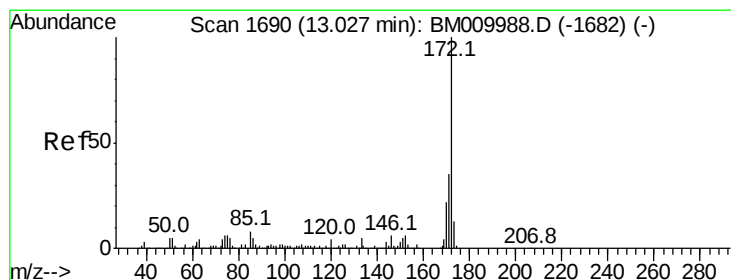
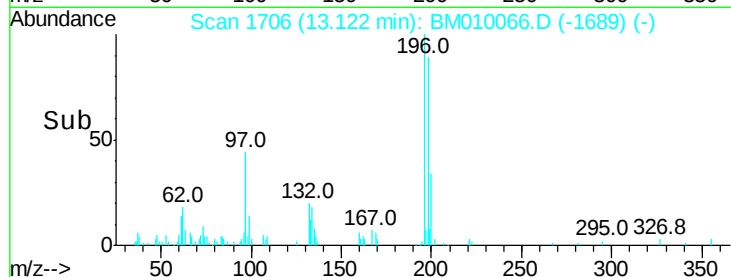
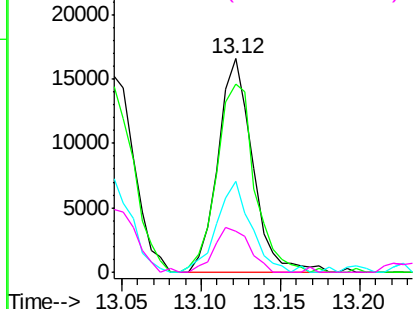
#43
2,4,5-Trichlorophenol
Concen: 2.11 ng
RT: 13.12 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 25177
Ion Ratio Lower Upper
196 100
198 88.2 79.4 119.0
97 42.5 26.8 40.2#
132 19.2 18.6 28.0

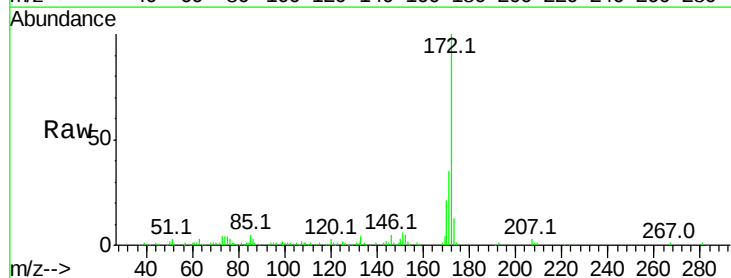


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

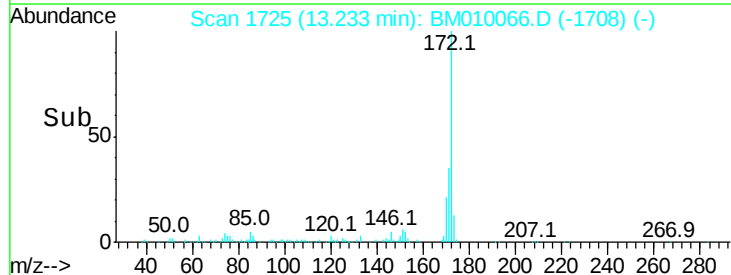
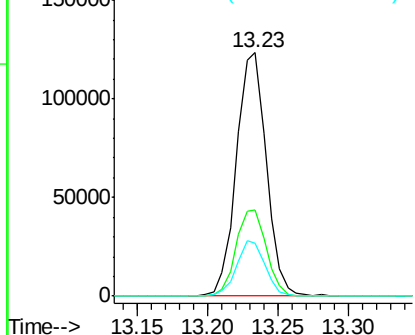


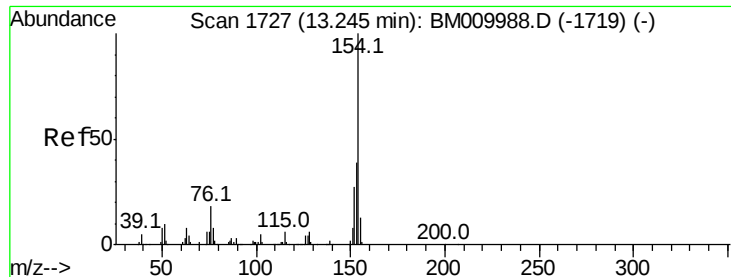
#44
2-Fluorobiphenyl
Concen: 5.01 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:172 Resp: 183695
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 21.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

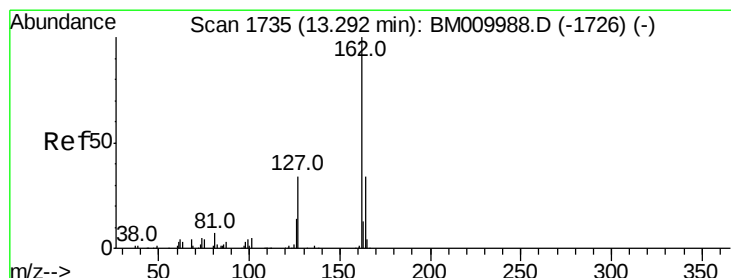
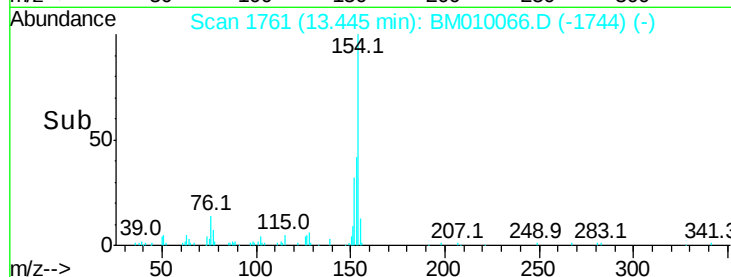
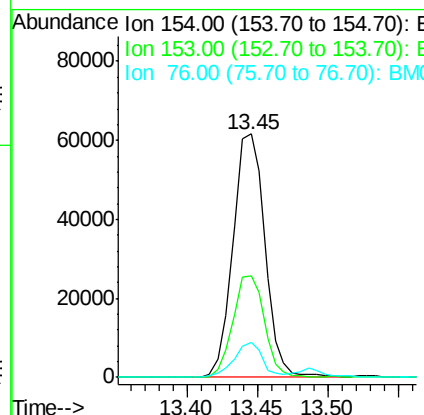
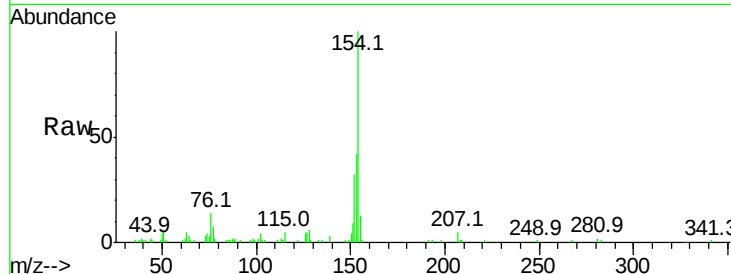




#45
 1,1'-Biphenyl
 Concen: 2.39 ng
 RT: 13.45 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

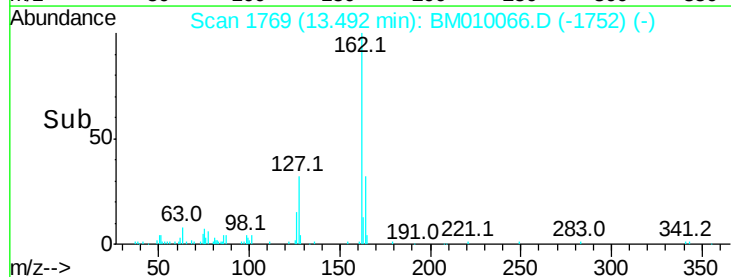
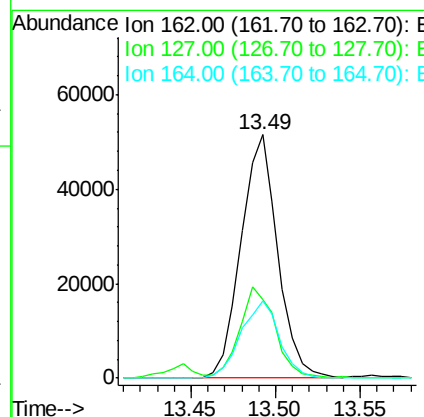
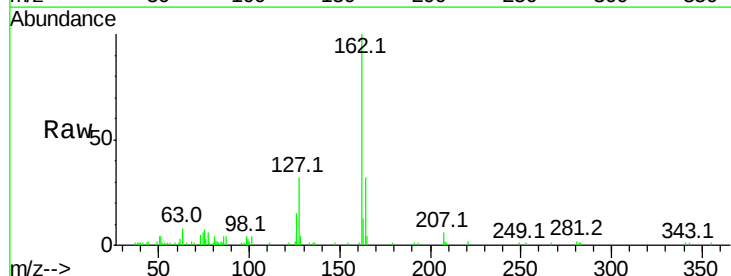
Instrument :
 BNA_M
 ClientSampleId :

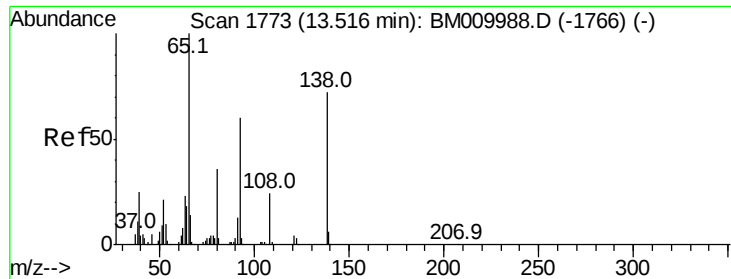
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.7	60.7
76	14.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 2.43 ng
 RT: 13.49 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.1	26.9	40.3
164	31.8	26.8	40.2





#47

2-Nitroaniline

Concen: 1.01 ng

RT: 13.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

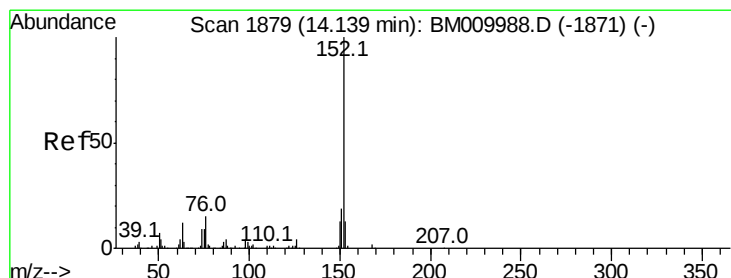
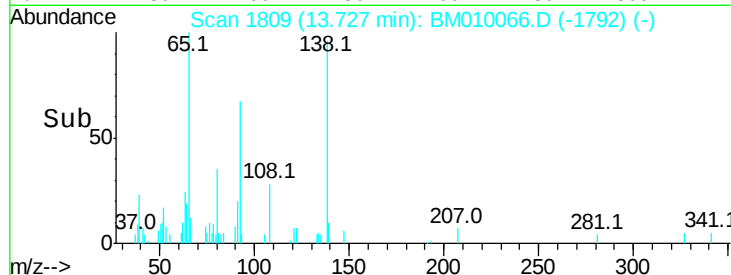
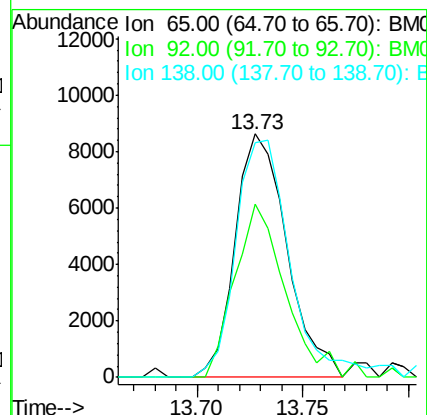
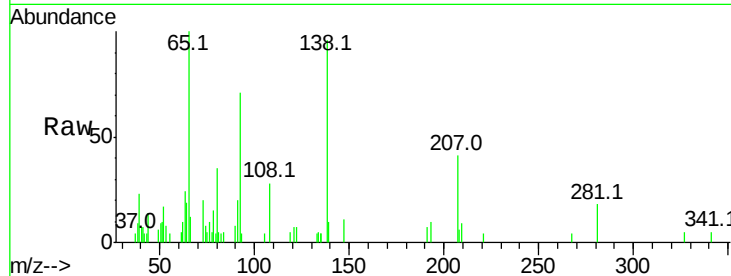
Tot Ion: 65 Resp: 14606

Ion Ratio Lower Upper

65 100

92 71.0 59.1 88.7

138 96.5 93.9 140.9



#48

Acenaphthylene

Concen: 2.11 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

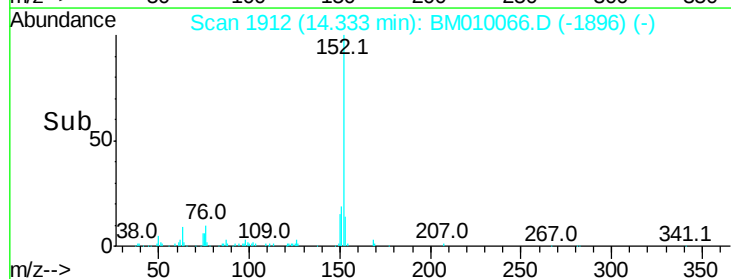
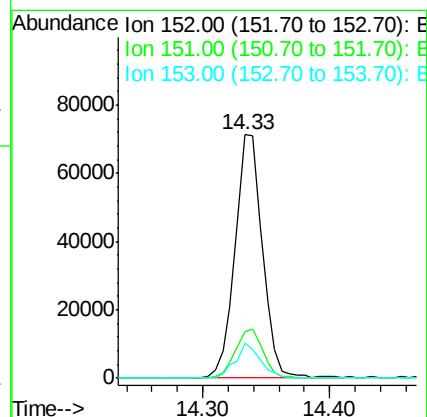
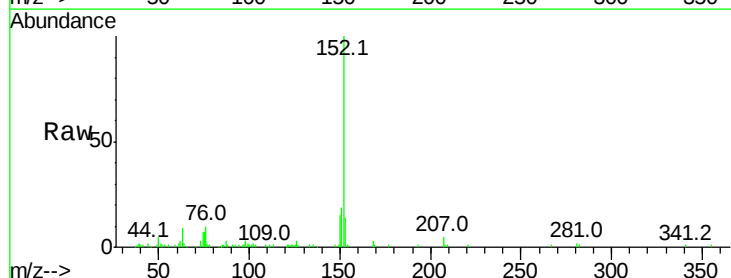
Tgt Ion: 152 Resp: 106319

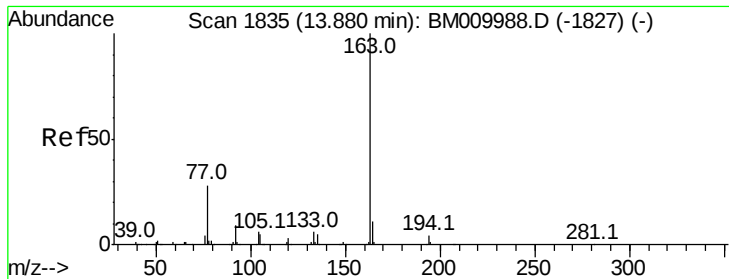
Ion Ratio Lower Upper

152 100

151 19.0 15.9 23.9

153 14.3 10.6 16.0





#49

Dimethylphthalate

Concen: 2.42 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM010066.D

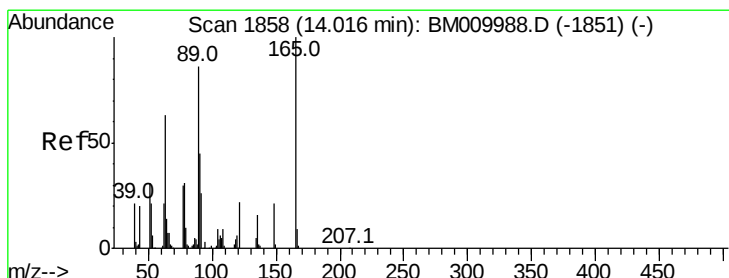
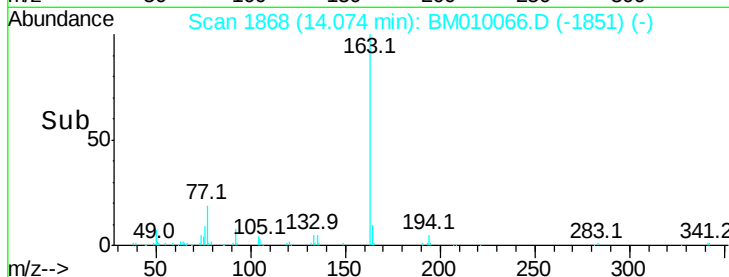
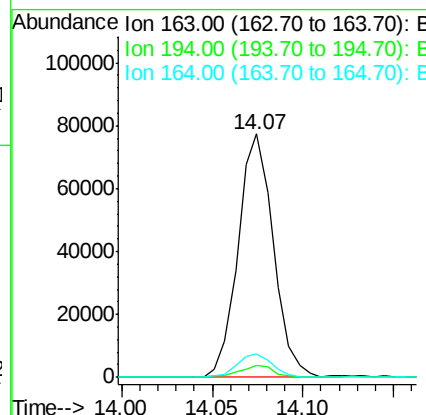
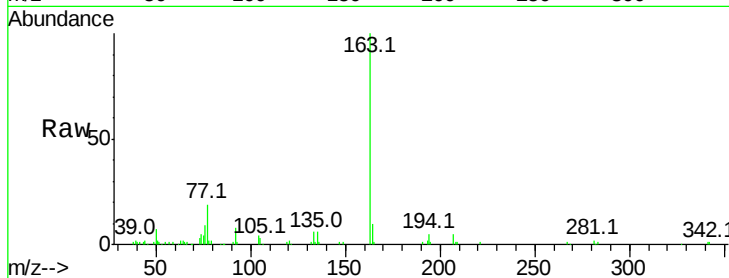
Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	163	Resp:	104536
Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.7	8.2	12.2



#50

2,6-Dinitrotoluene

Concen: 1.83 ng

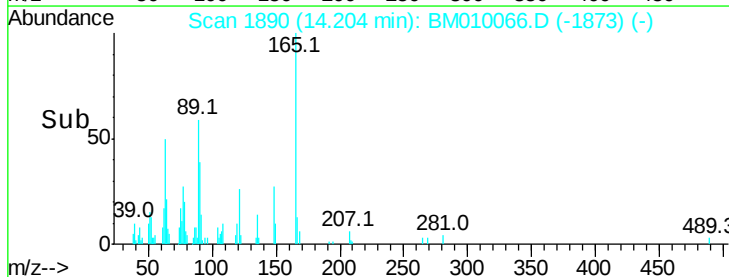
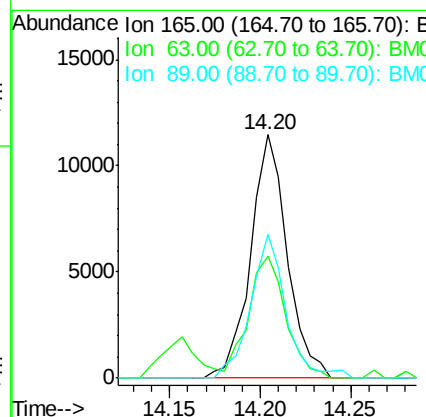
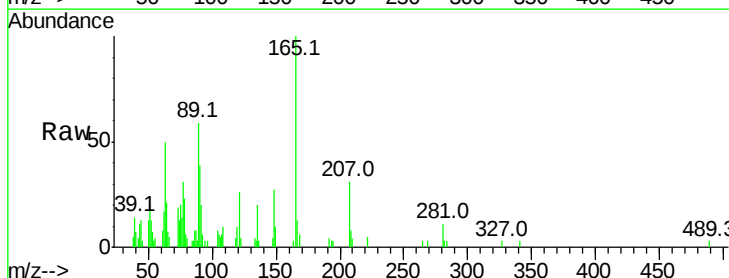
RT: 14.20 min Scan# 1890

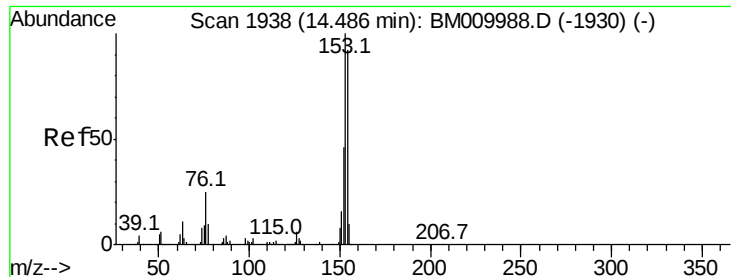
Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Tgt Ion:	165	Resp:	16046
Ion	Ratio	Lower	Upper
165	100		
63	50.3	44.1	66.1
89	58.8	44.3	66.5





#51

Acenaphthene

Concen: 2.27 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

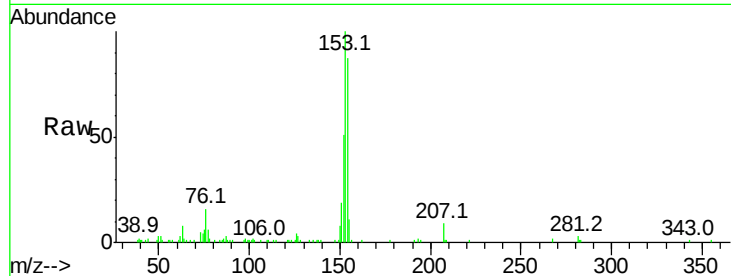
Tot Ion:154 Resp: 72289

Ion Ratio Lower Upper

154 100

153 115.2 90.0 135.0

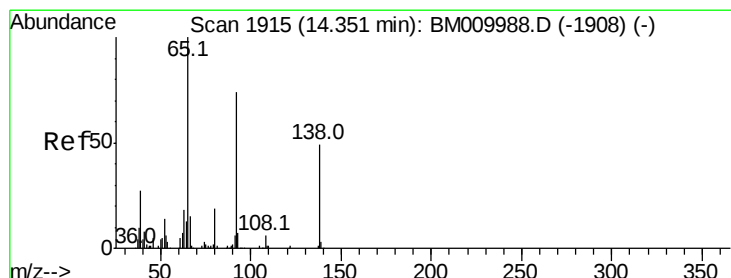
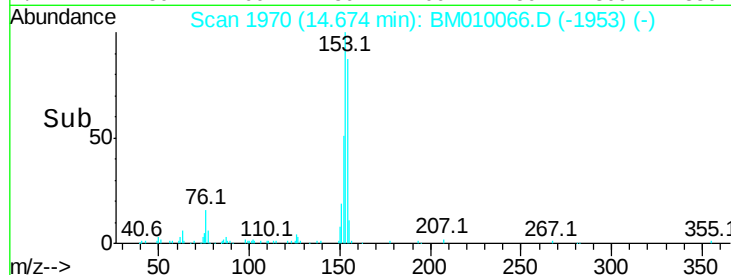
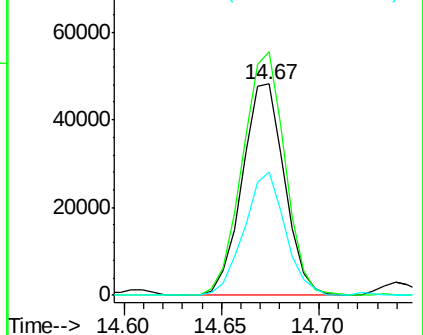
152 58.6 42.6 63.8



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: 1.38 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

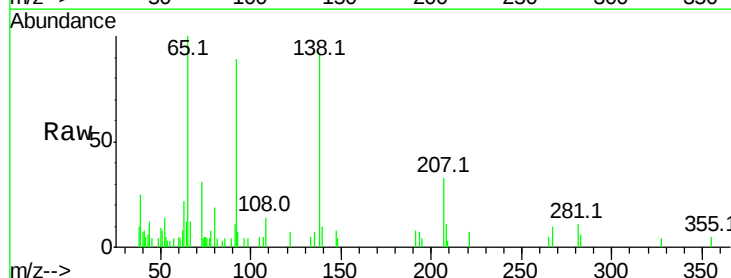
Tgt Ion:138 Resp: 12835

Ion Ratio Lower Upper

138 100

108 14.9 7.3 10.9#

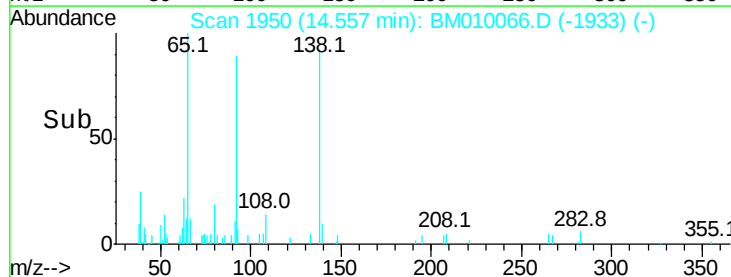
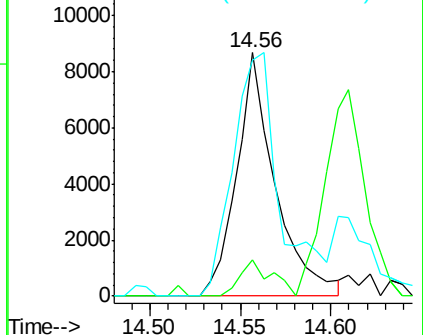
92 97.1 76.6 114.8

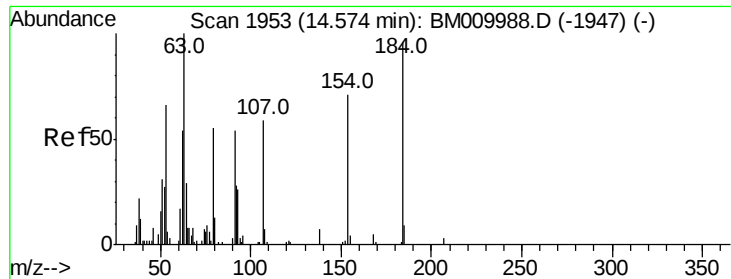


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

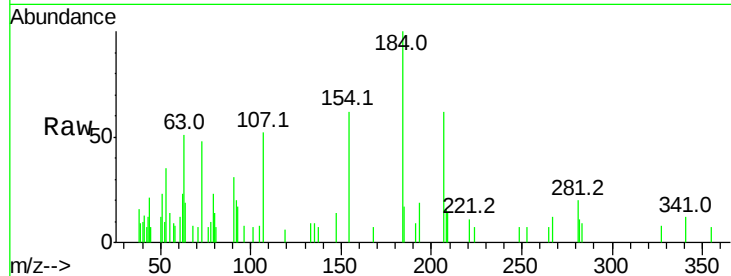




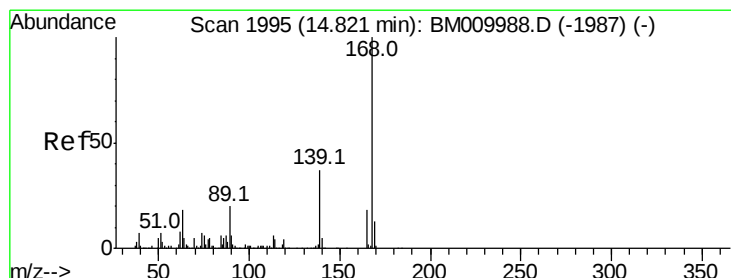
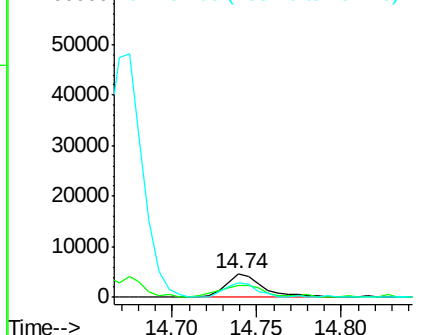
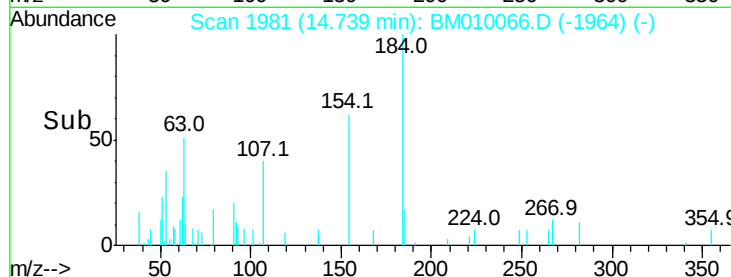
#53
2,4-Dinitrophenol
Concen: 1.73 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 7061
Ion Ratio Lower Upper
184 100
63 50.8 69.2 103.8#
154 61.6 53.3 79.9

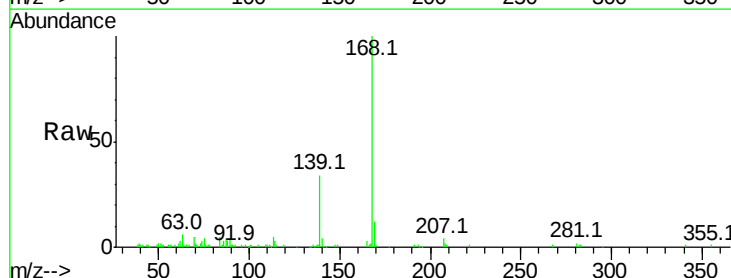


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

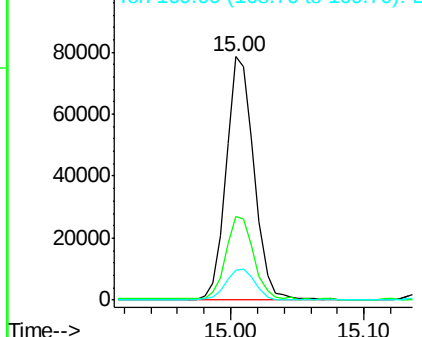
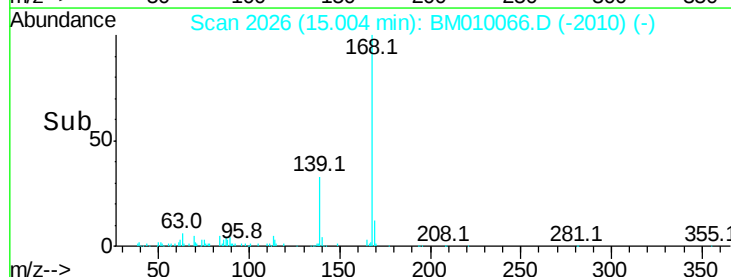


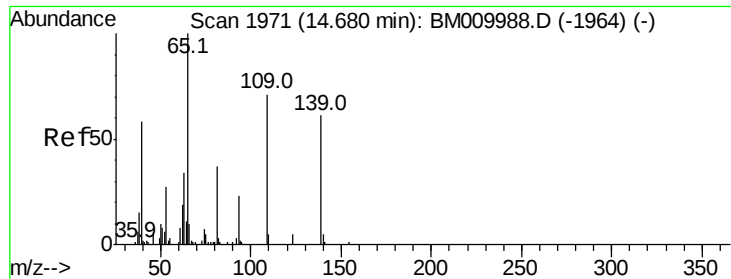
#54
Dibenzofuran
Concen: 2.35 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:168 Resp: 114631
Ion Ratio Lower Upper
168 100
139 34.4 27.3 40.9
169 12.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

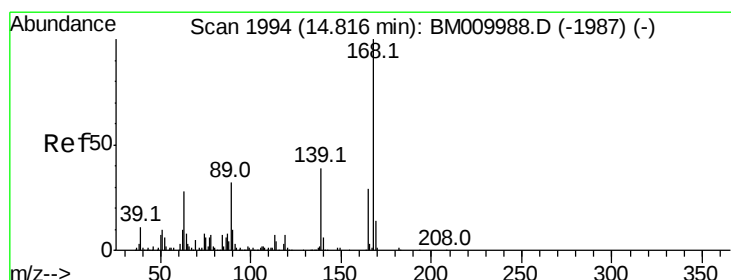
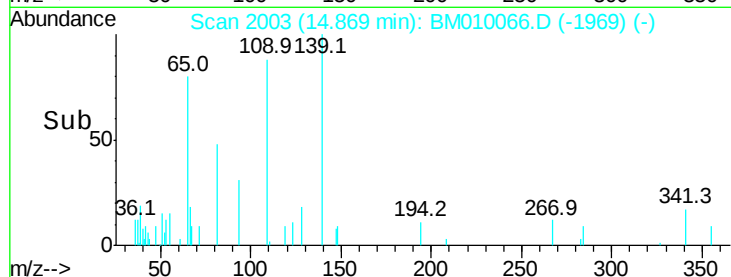
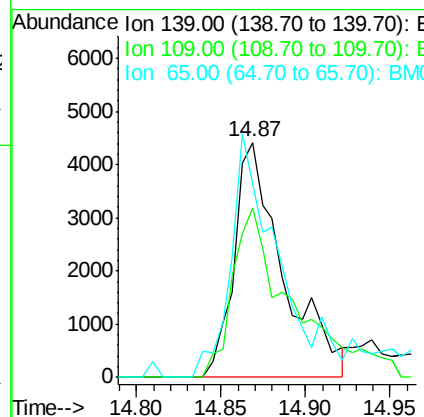
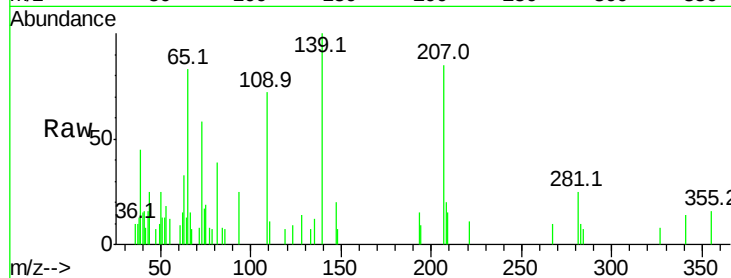




#55
4-Nitrophenol
Concen: 1.43 ng
RT: 14.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

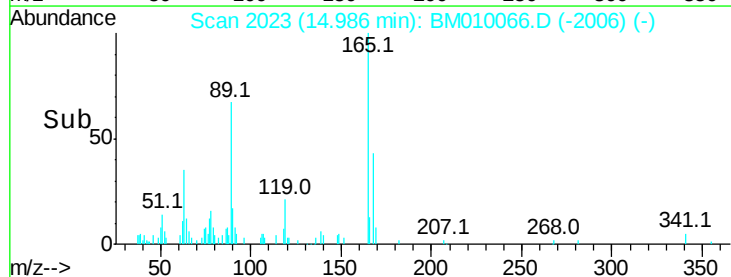
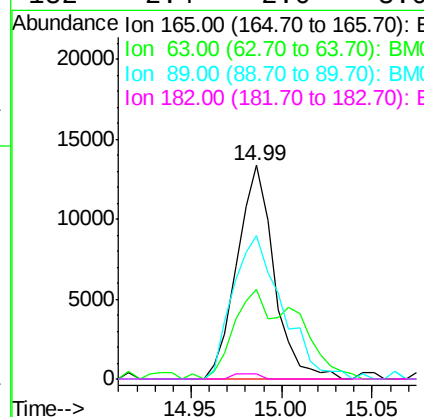
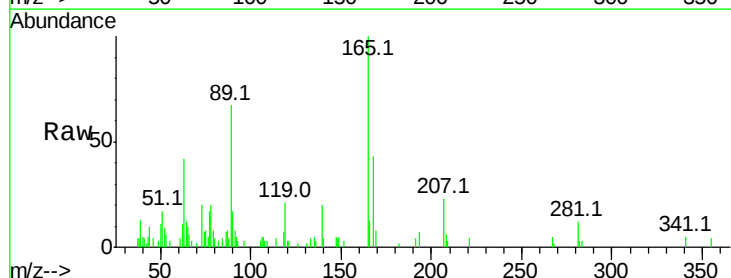
Instrument :
BNA_M
ClientSampleId :

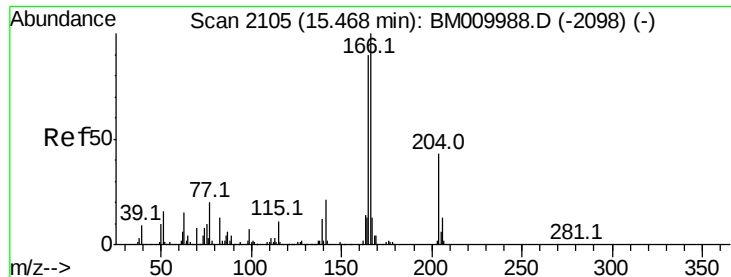
Tot Ion:139 Resp: 8916
Ion Ratio Lower Upper
139 100
109 72.3 37.7 77.7
65 82.6 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 1.47 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:165 Resp: 19005
Ion Ratio Lower Upper
165 100
63 41.9 52.4 78.6#
89 67.2 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 2.27 ng

RT: 15.65 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

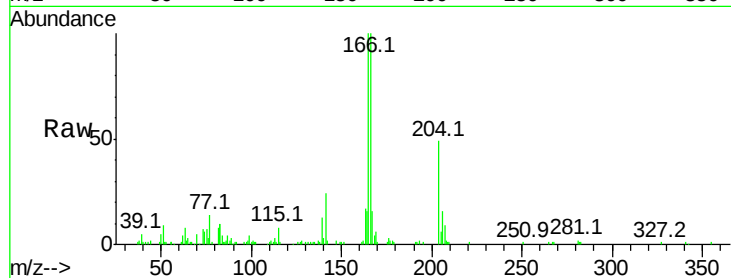
Tot Ion:166 Resp: 97310

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.4

167 15.5 10.3 15.5#

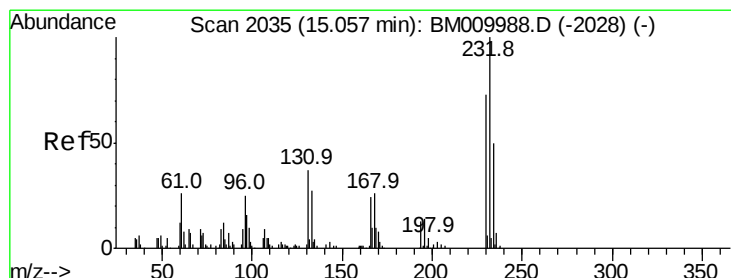
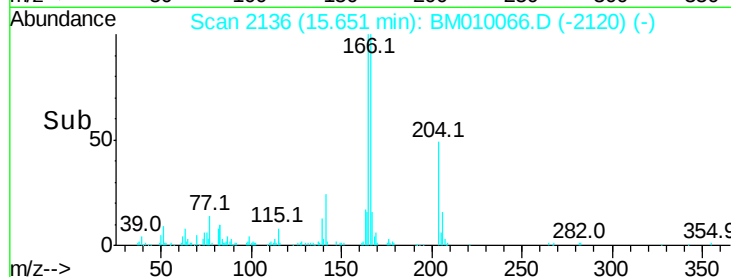
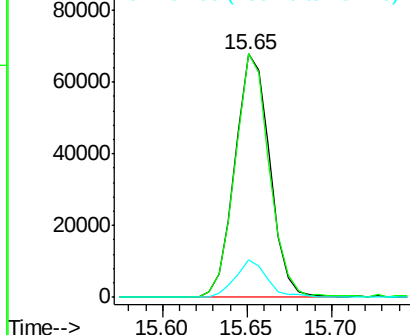


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.03 ng

RT: 15.23 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Tgt Ion:232 Resp: 20907

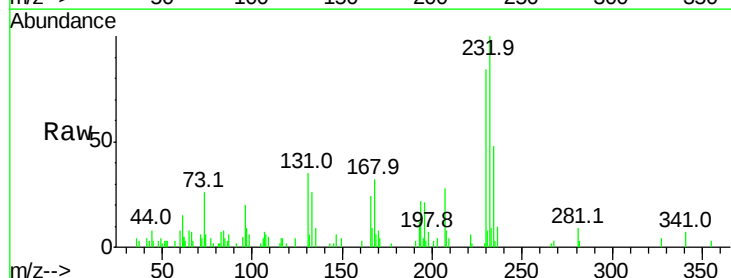
Ion Ratio Lower Upper

232 100

131 34.8 0.0 0.0#

130 1.4 0.0 0.0#

166 27.8 0.0 0.0#



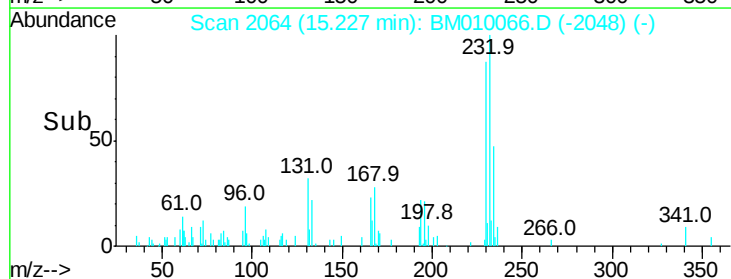
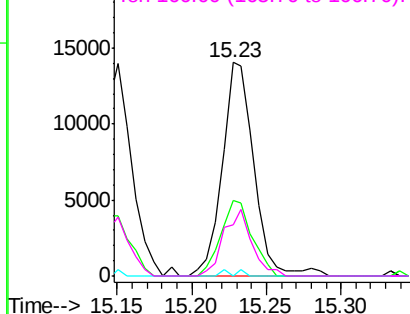
Abundance

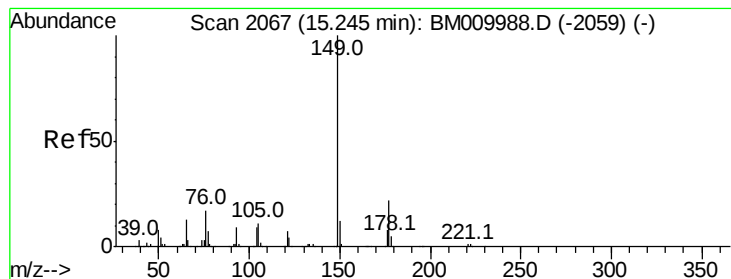
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.11 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

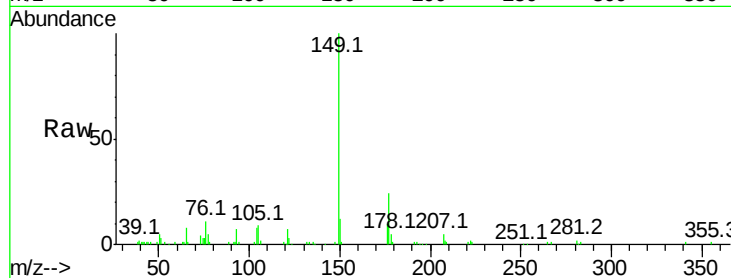
Tot Ion:149 Resp: 95741

Ion Ratio Lower Upper

149 100

177 24.0 18.3 27.5

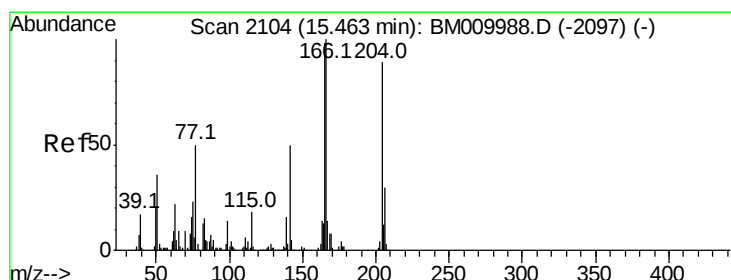
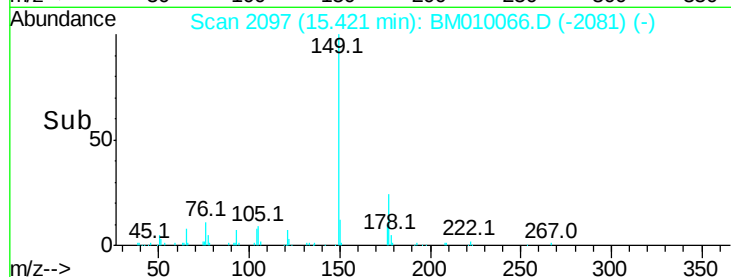
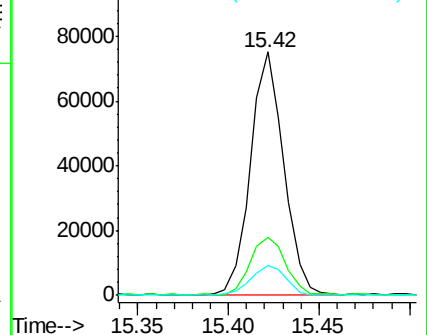
150 12.0 9.8 14.8



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: 2.43 ng

RT: 15.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

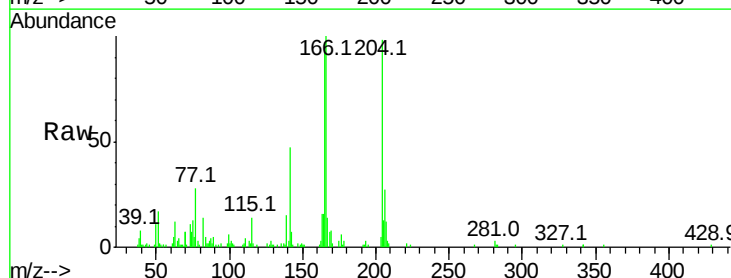
Tgt Ion:204 Resp: 56910

Ion Ratio Lower Upper

204 100

206 27.0 26.6 39.8

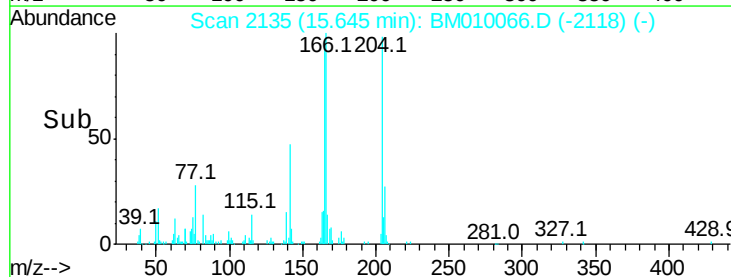
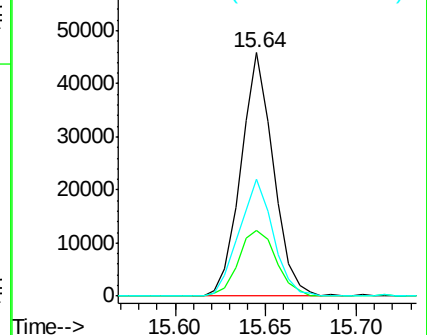
141 48.1 45.2 67.8

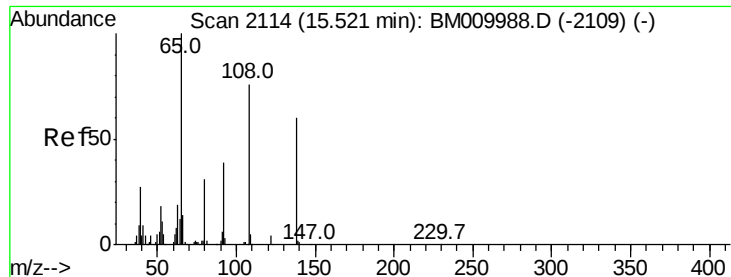


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

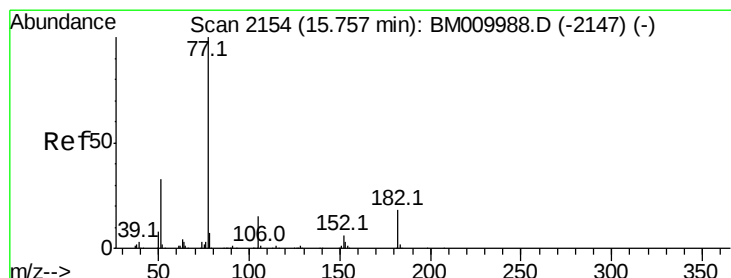
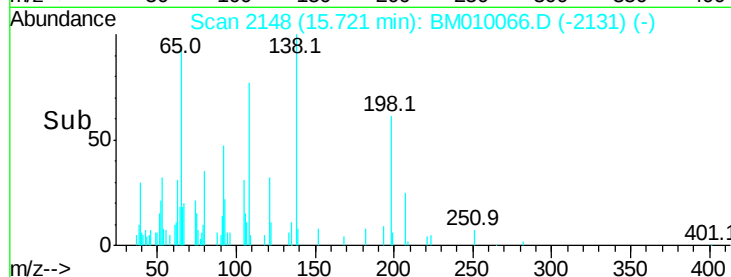
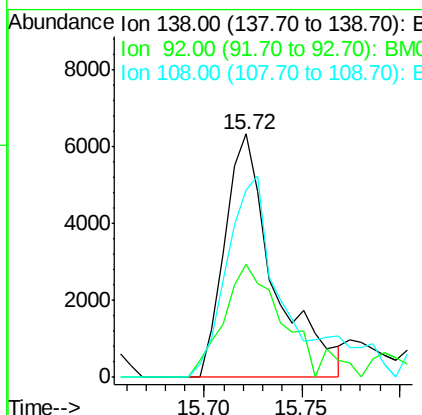
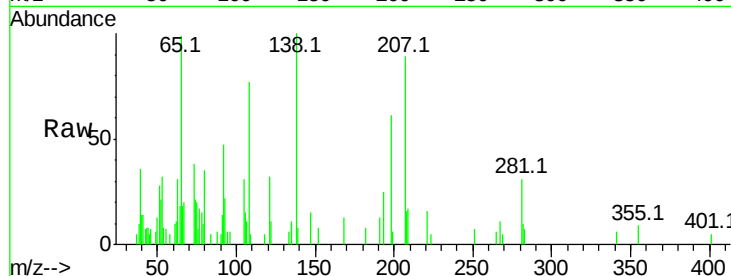




#61
4-Nitroaniline
Concen: 1.17 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

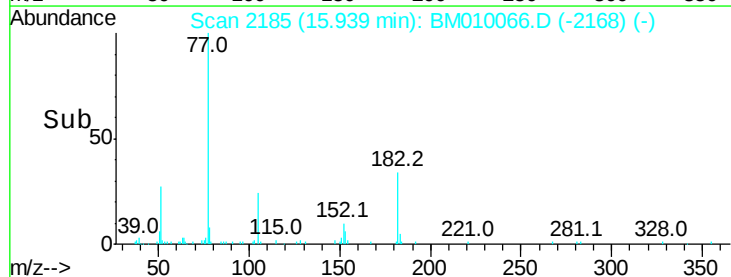
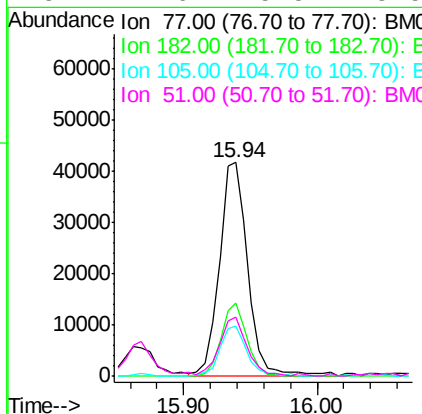
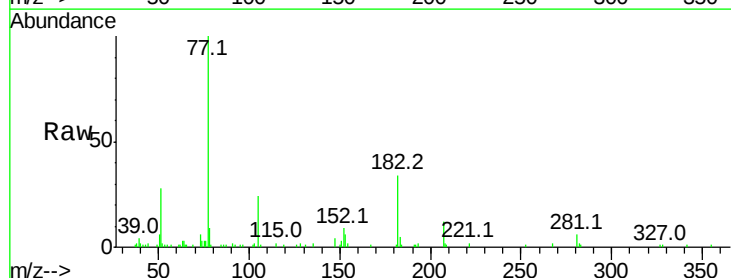
Instrument :
BNA_M
ClientSampleId :

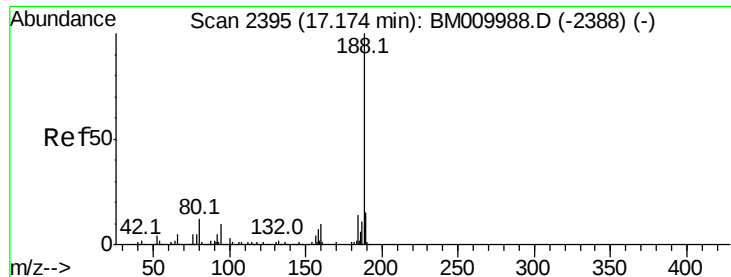
Tot Ion:138 Resp: 11098
Ion Ratio Lower Upper
138 100
92 46.5 16.7 56.7
108 76.7 37.6 77.6



#62
Azobenzene
Concen: 1.13 ng
RT: 15.94 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion: 77 Resp: 62446
Ion Ratio Lower Upper
77 100
182 34.0 6.5 46.5
105 23.7 3.8 43.8
51 27.6 5.5 45.5

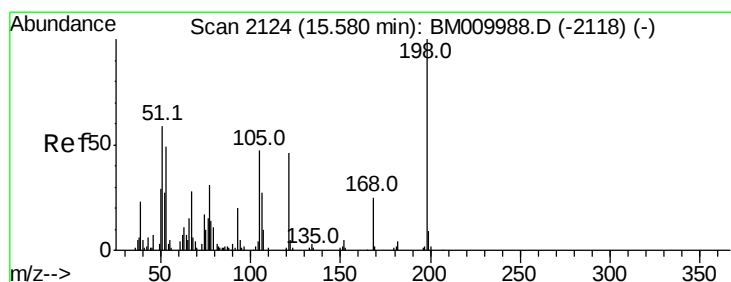
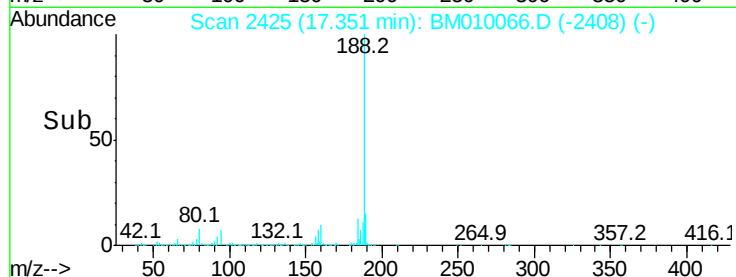
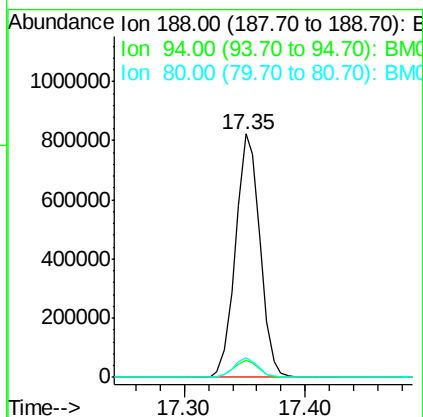
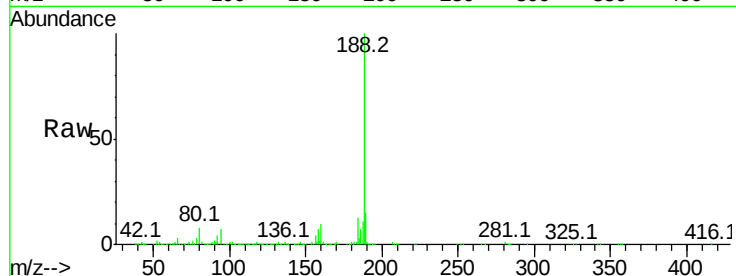




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

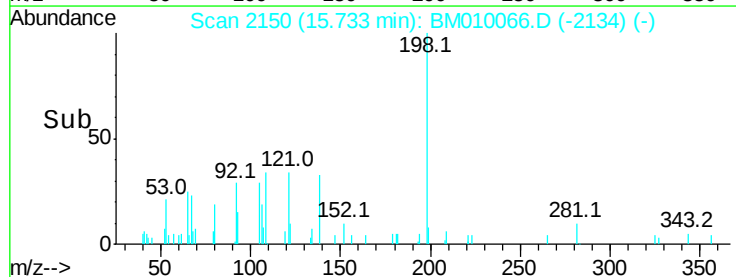
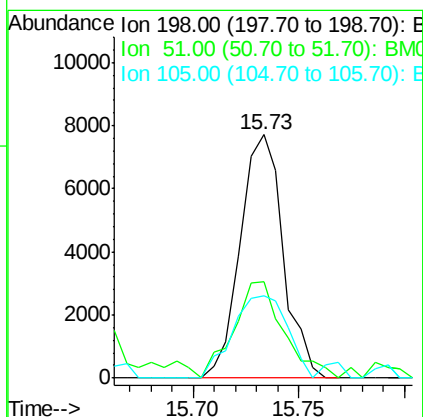
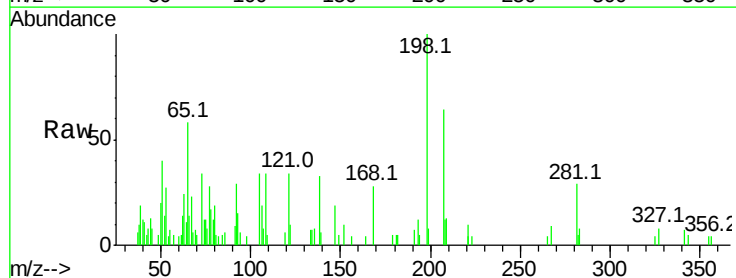
Instrument :
BNA_M
ClientSampleId :

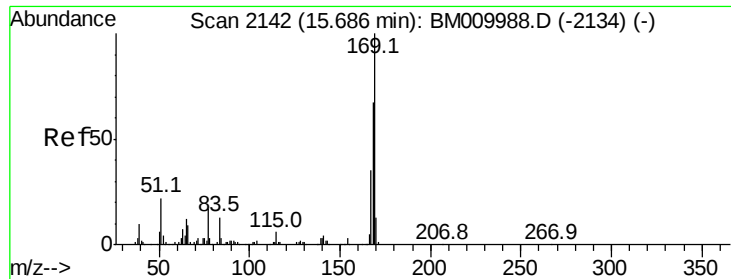
Tot Ion:188 Resp: 1162431
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.0 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 1.55 ng
RT: 15.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:198 Resp: 10859
Ion Ratio Lower Upper
198 100
51 39.7 28.8 68.8
105 33.7 30.5 70.5

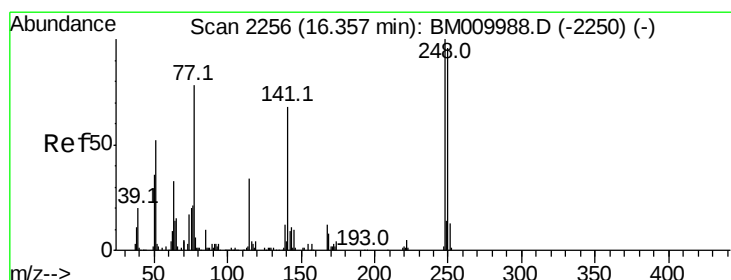
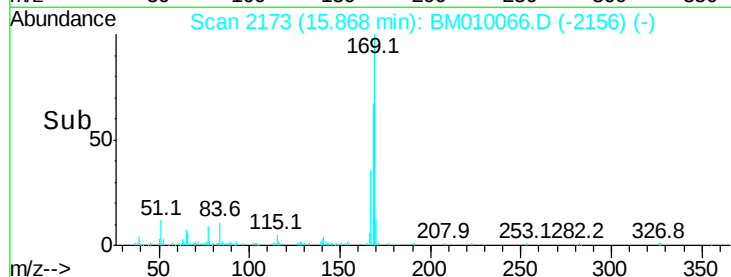
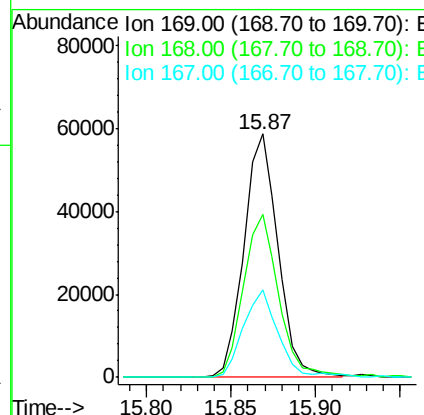
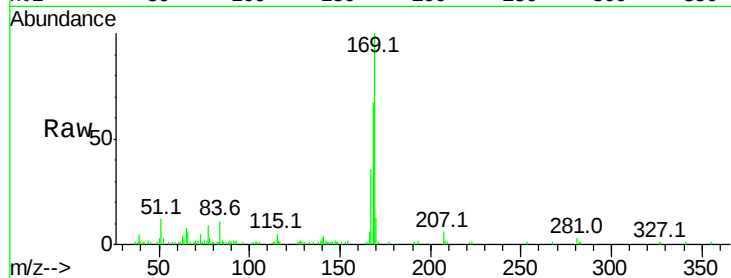




#65
 n-Nitrosodiphenylamine
 Concen: 2.29 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

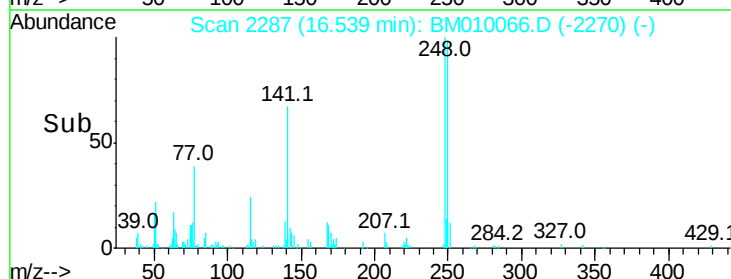
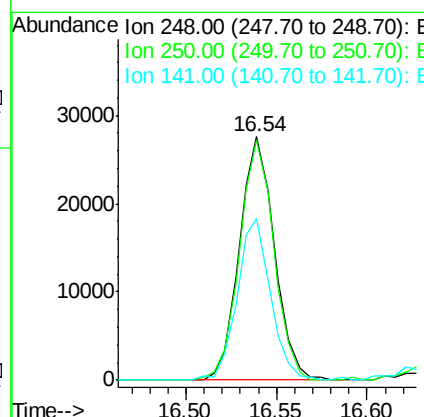
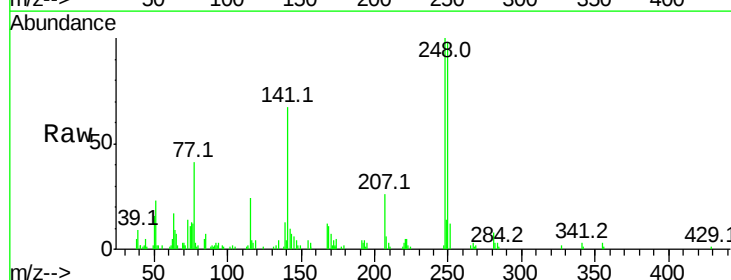
Instrument :
 BNA_M
 ClientSampleId :

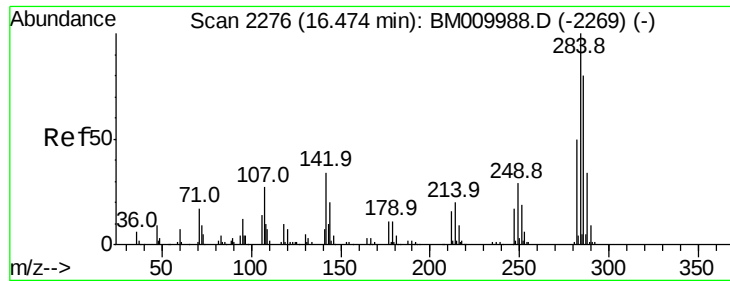
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	36.1	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 2.67 ng
 RT: 16.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.0
141	66.5	45.2	67.8

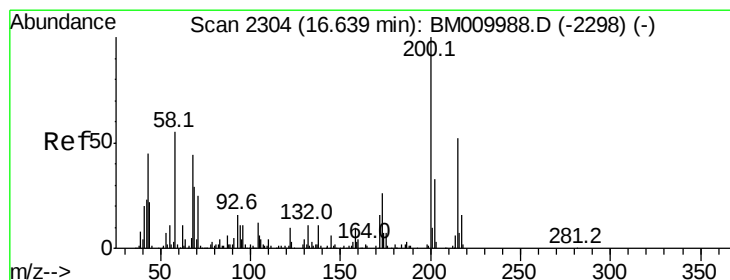
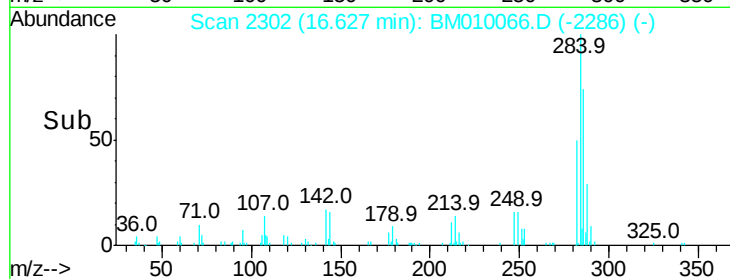
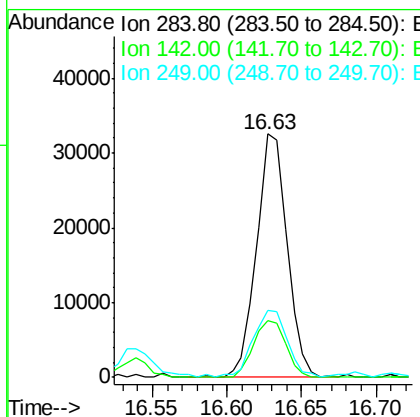
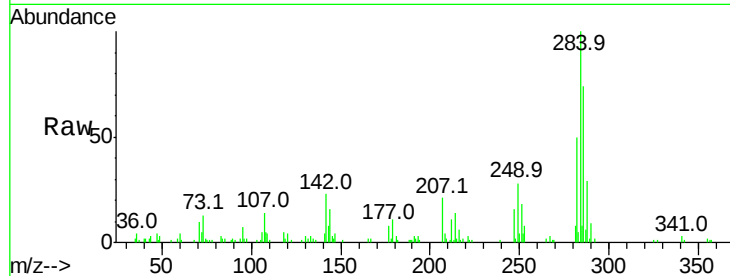




#67
Hexachlorobenzene
Concen: 3.01 ng
RT: 16.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

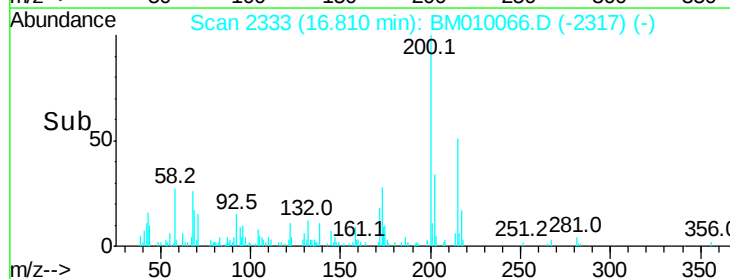
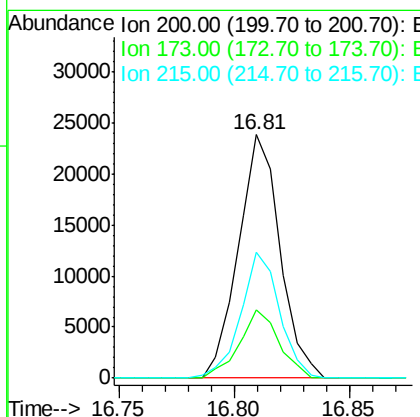
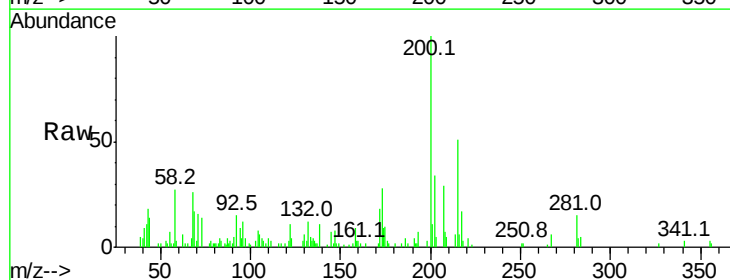
Instrument :
BNA_M
ClientSampleId :

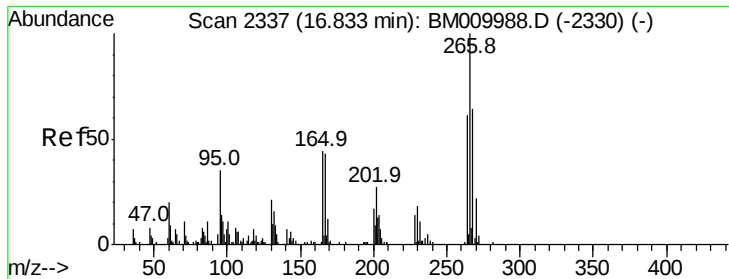
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.5	20.4	30.6
249	27.7	23.8	35.6



#68
Atrazine
Concen: 2.27 ng
RT: 16.81 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	4.8	44.8
215	51.5	26.9	66.9

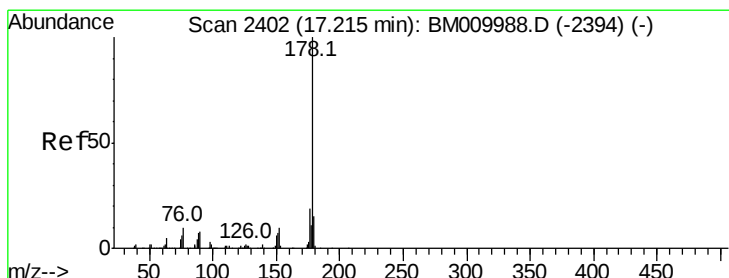
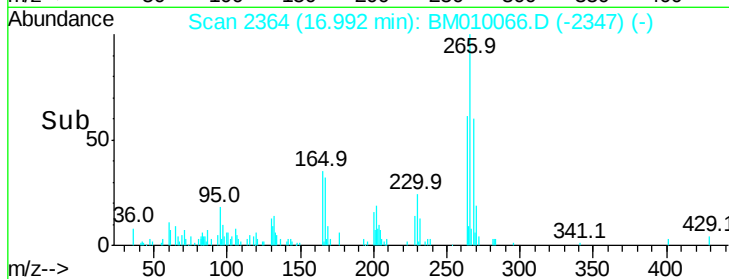
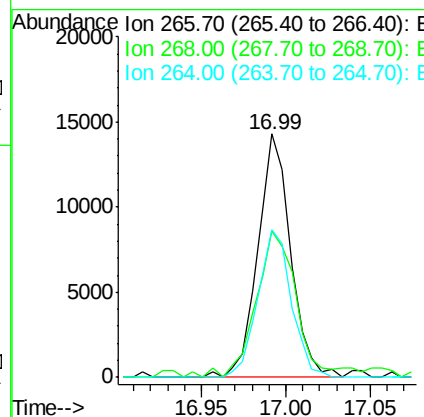
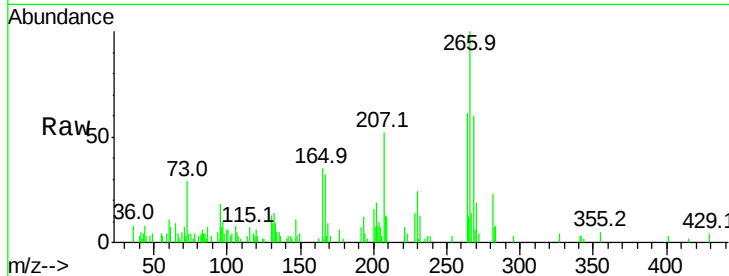




#69
 Pentachlorophenol
 Concen: 2.97 ng
 RT: 16.99 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

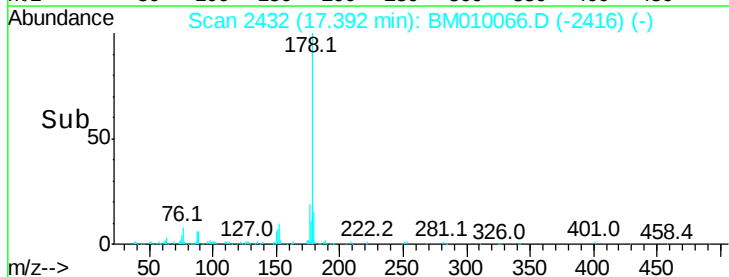
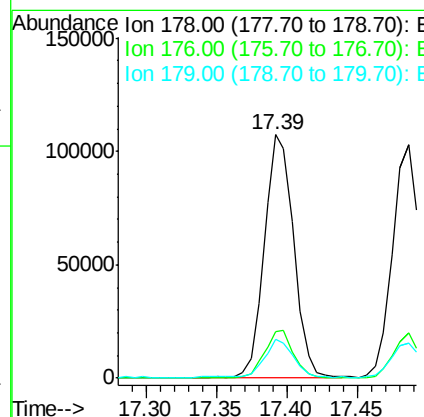
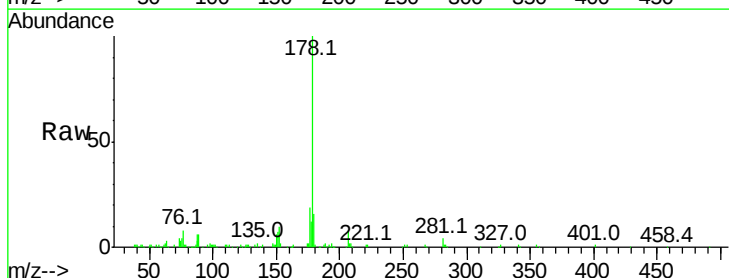
Instrument :
 BNA_M
 ClientSampled :

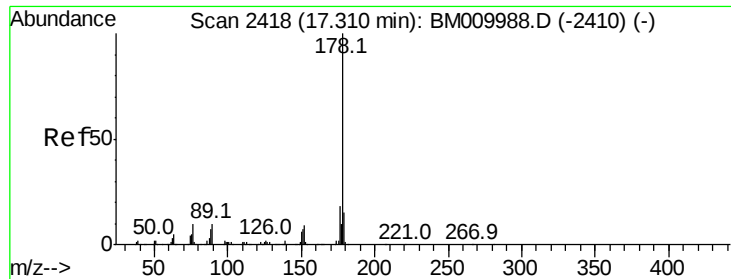
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	52.0	78.0
264	60.6	49.0	73.4



#70
 Phenanthrene
 Concen: 2.36 ng
 RT: 17.39 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.7	12.1	18.1

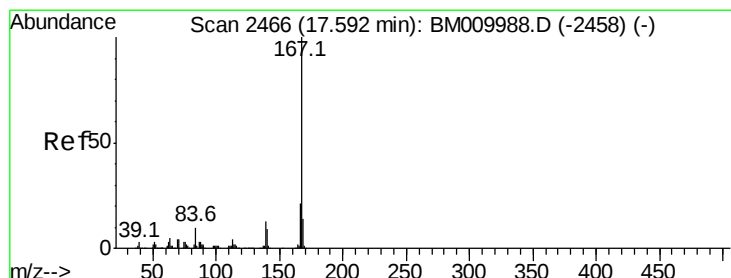
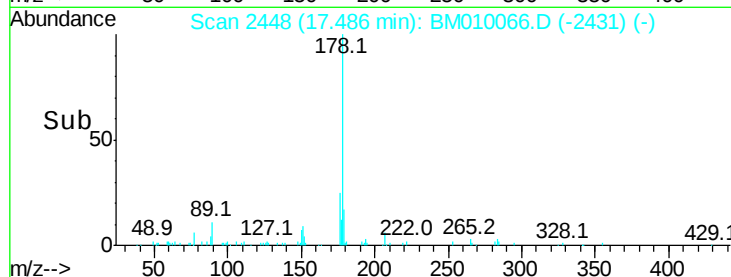
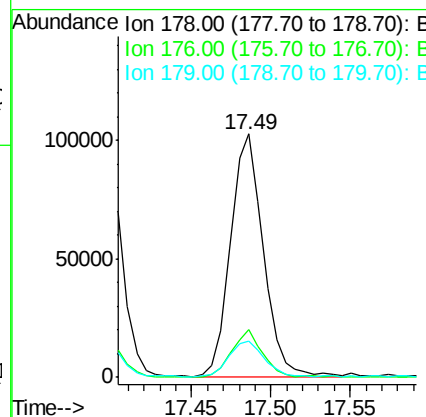
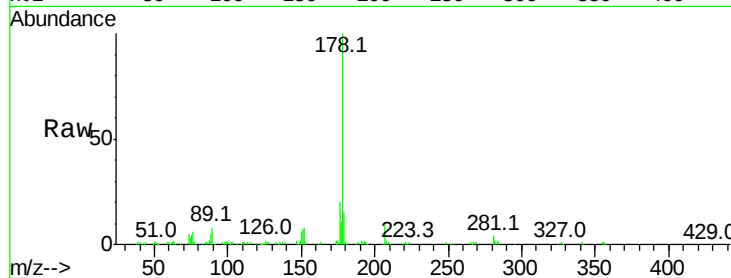




#71
 Anthracene
 Concen: 2.16 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

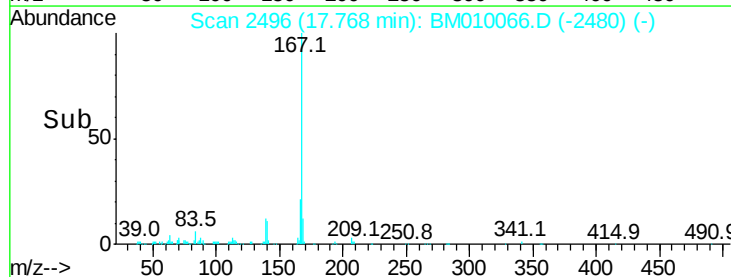
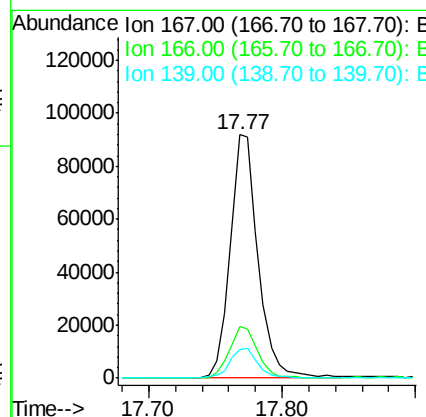
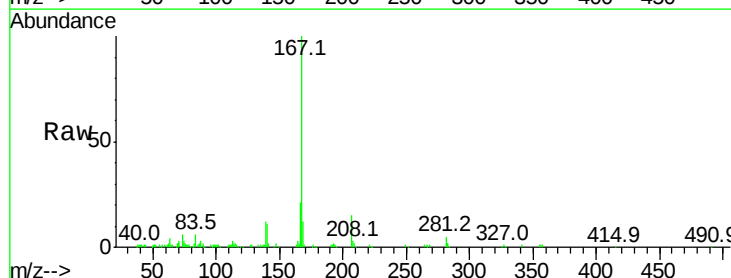
Instrument :
 BNA_M
 ClientSampled :

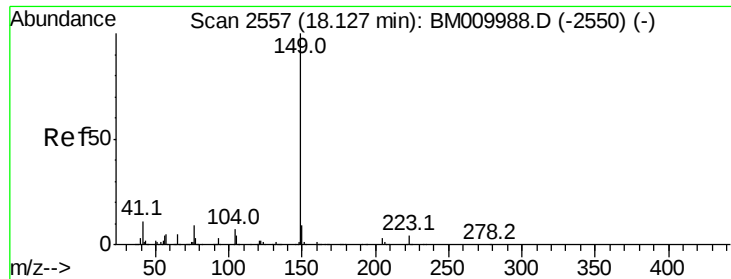
Tot Ion:178 Resp: 146721
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 2.23 ng
 RT: 17.77 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion:167 Resp: 135292
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 1.97 ng

RT: 18.29 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

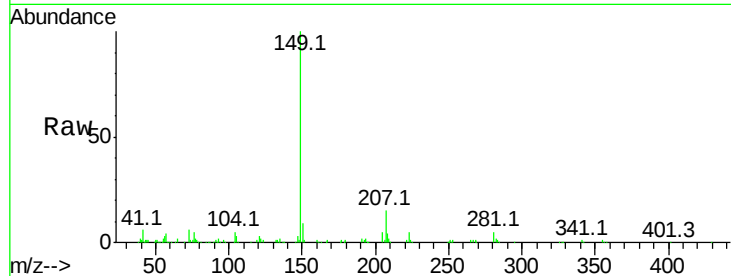
Tot Ion:149 Resp: 151973

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

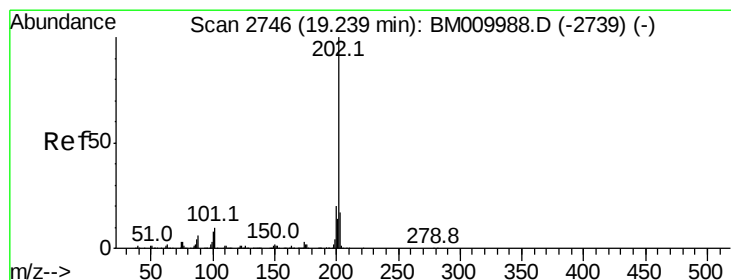
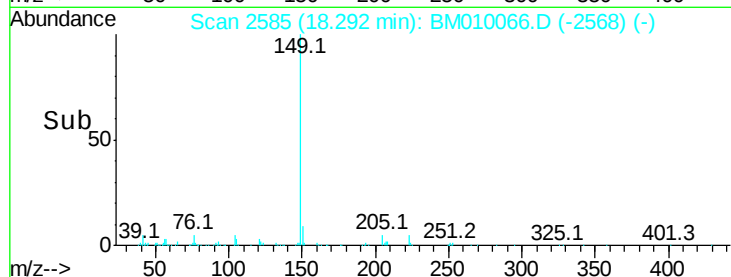
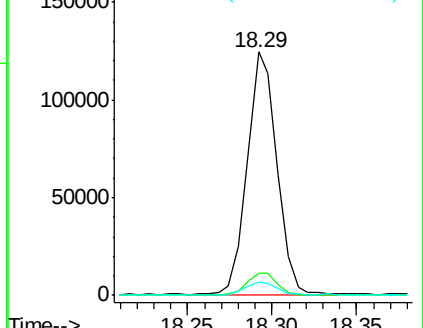
104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.33 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

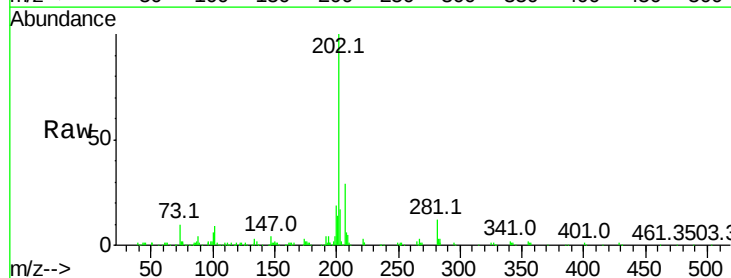
Tgt Ion:202 Resp: 199751

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.7

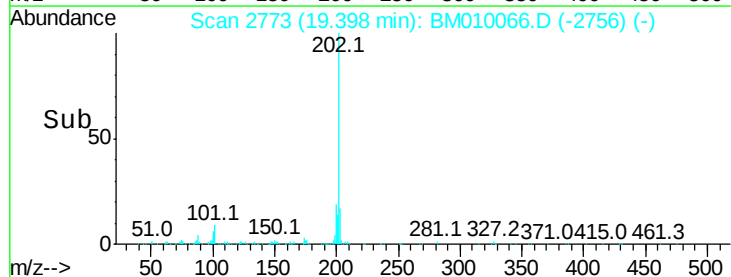
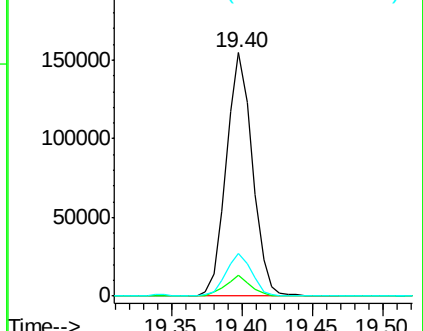
203 17.4 0.0 37.2

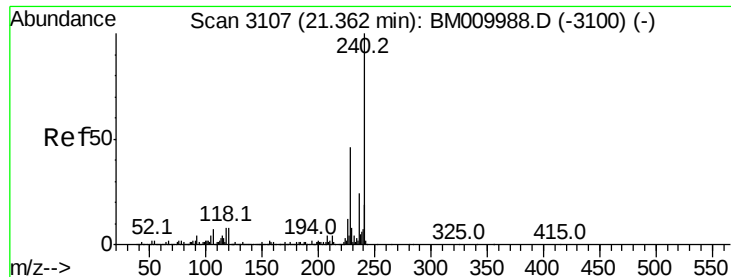


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.51 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

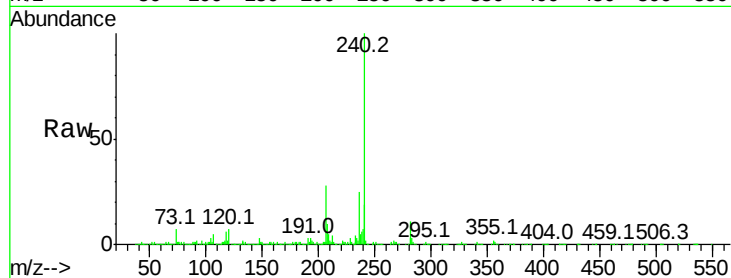
Tot Ion:240 Resp: 1695528

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

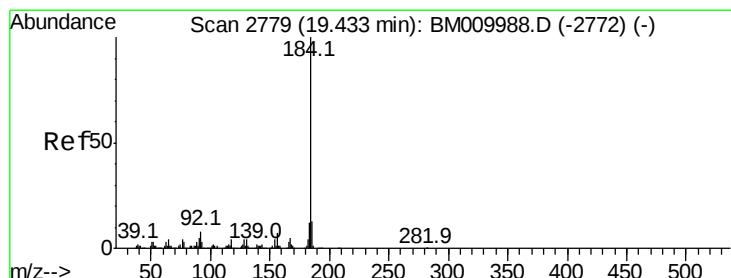
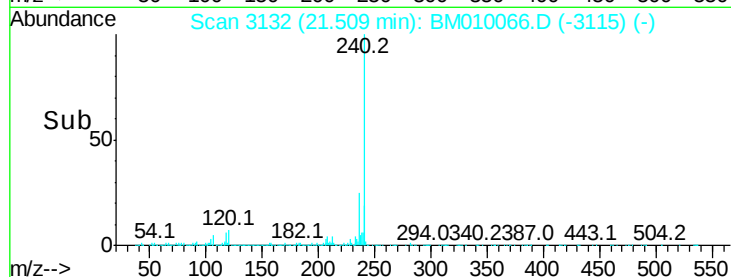
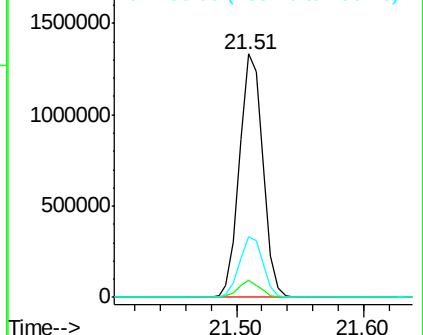
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.48 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

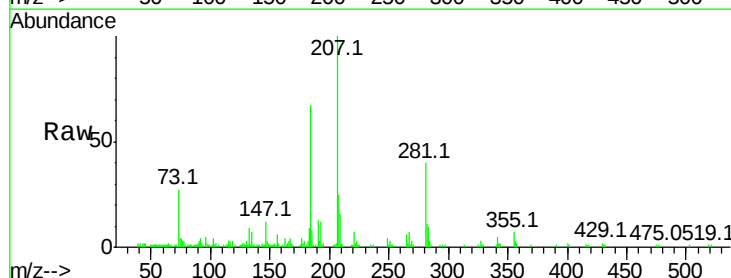
Tgt Ion:184 Resp: 62580

Ion Ratio Lower Upper

184 100

185 12.2 11.3 16.9

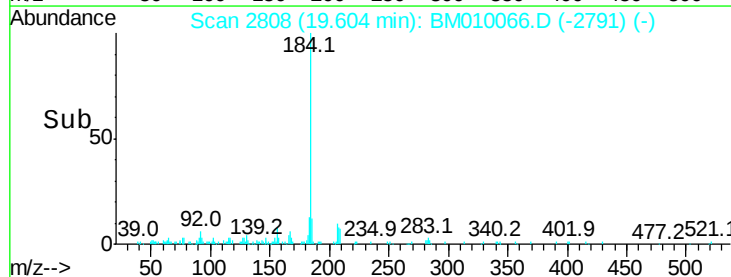
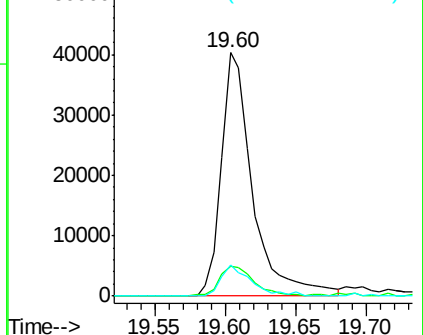
183 12.8 8.9 13.3

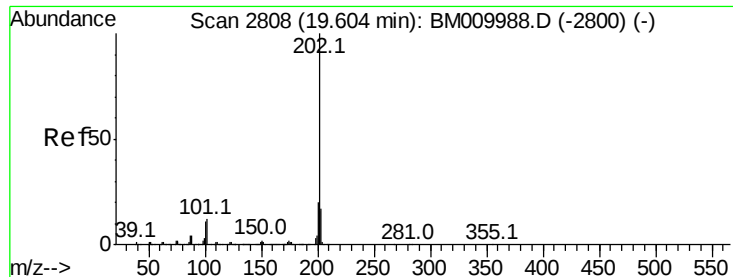


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.13 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

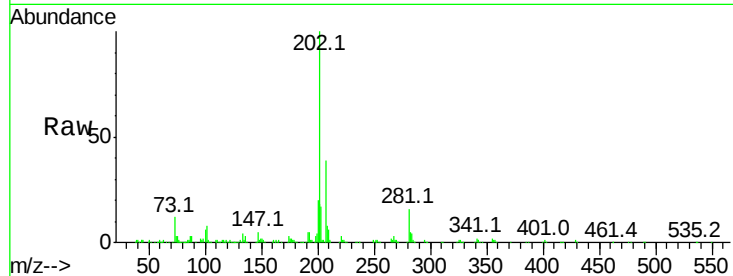
Tot Ion:202 Resp: 215290

Ion Ratio Lower Upper

202 100

200 19.6 16.9 25.3

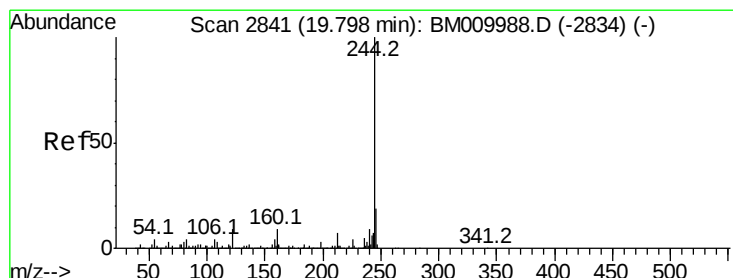
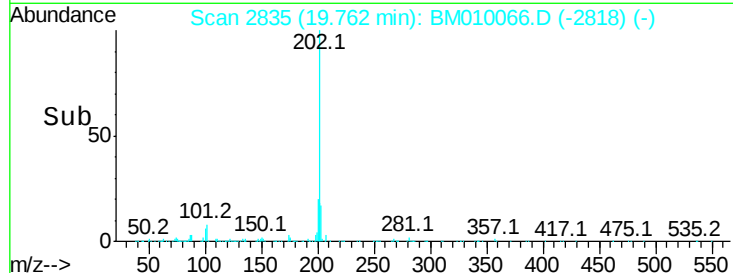
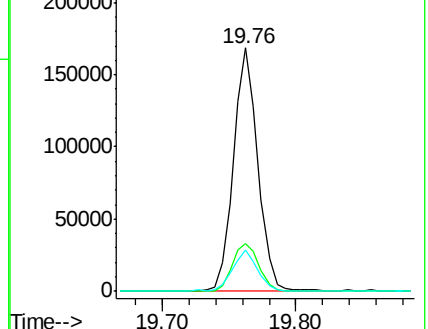
203 16.8 14.1 21.1



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: 4.38 ng

RT: 19.95 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

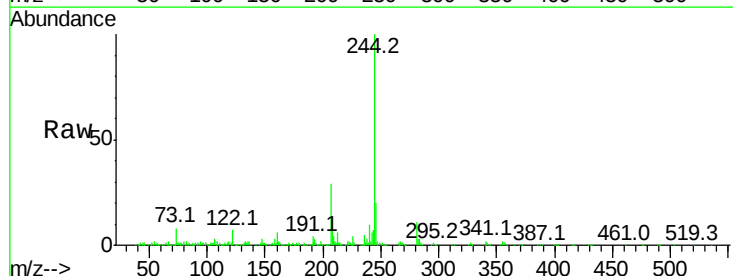
Tgt Ion:244 Resp: 352425

Ion Ratio Lower Upper

244 100

212 6.2 4.9 7.3

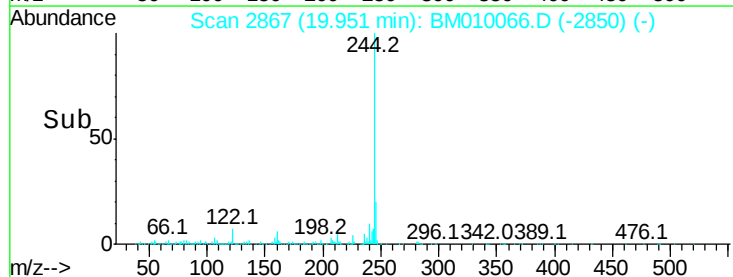
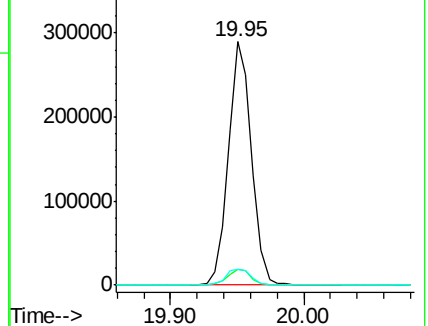
122 6.6 6.2 9.4

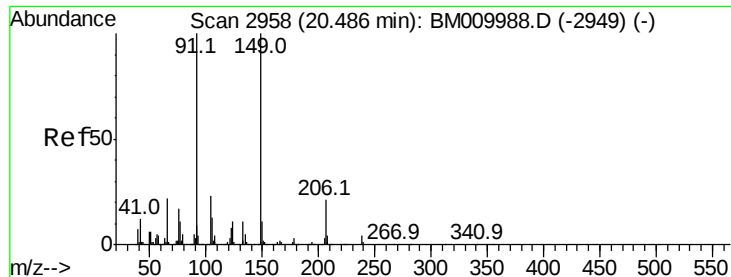


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

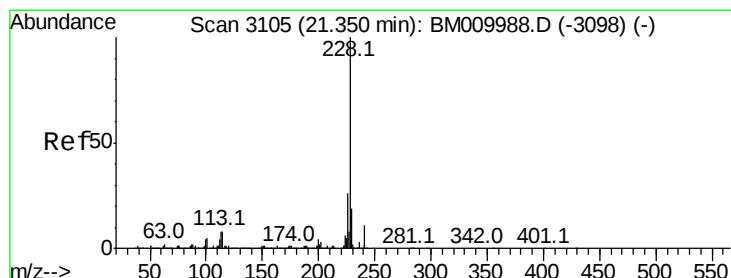
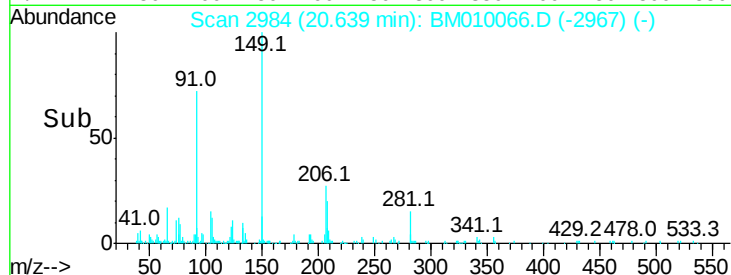
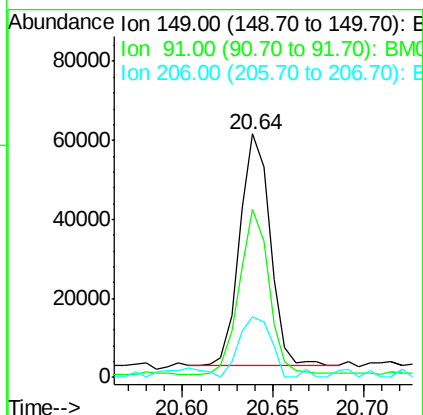
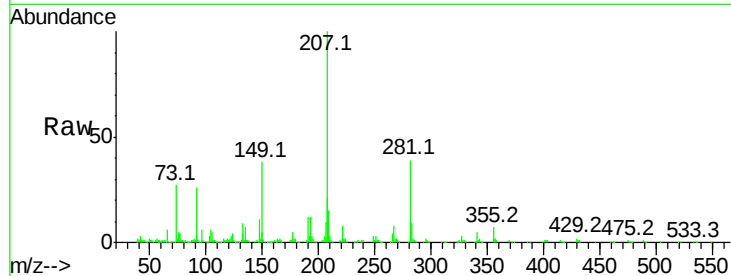




#79
Butylbenzylphthalate
Concen: 1.61 ng
RT: 20.64 min Scan# 2984
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

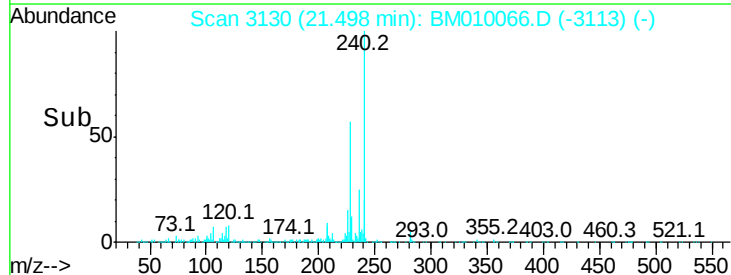
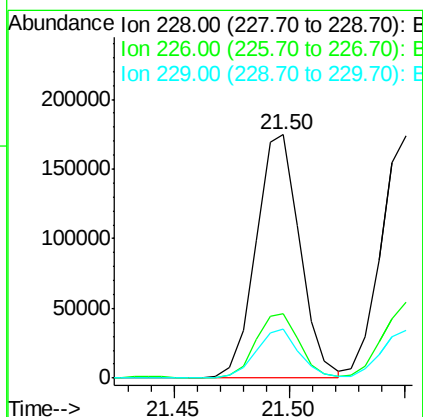
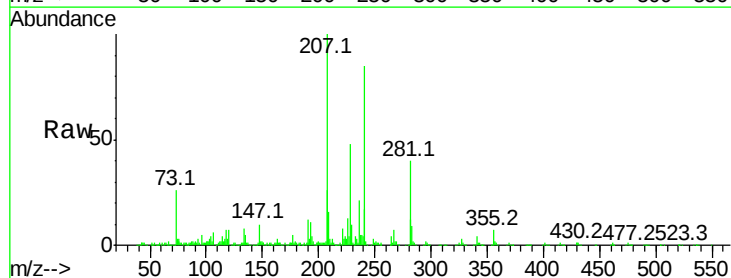
Instrument :
BNA_M
ClientSampleId :

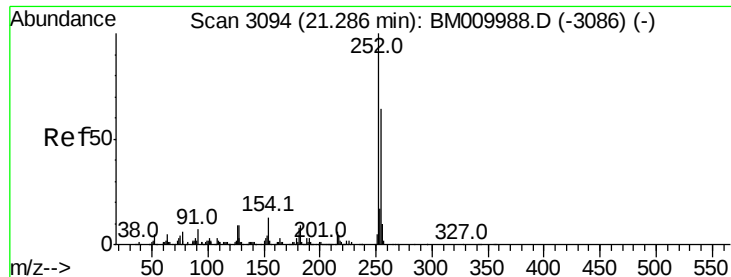
Tot Ion:149 Resp: 67529
Ion Ratio Lower Upper
149 100
91 69.2 50.1 75.1
206 25.1 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 2.26 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BM010066.D
Acq: 19 May 2017 09:48

Tgt Ion:228 Resp: 230094
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 20.4 16.0 24.0

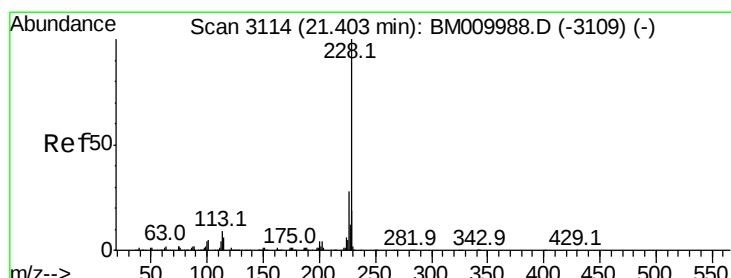
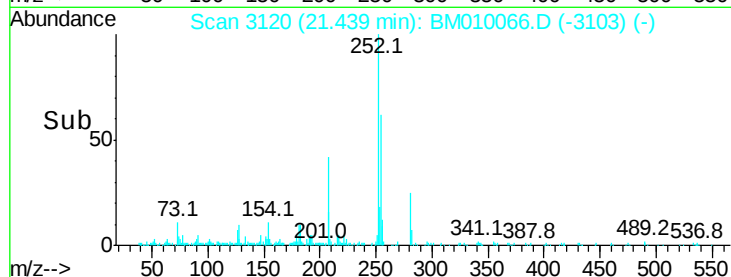
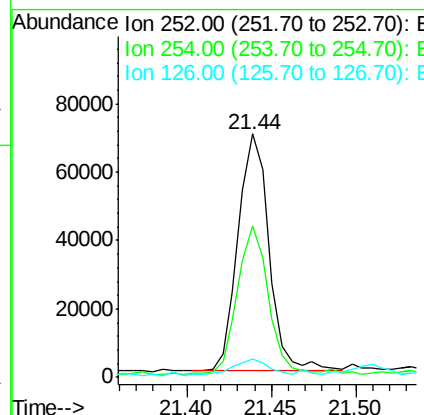
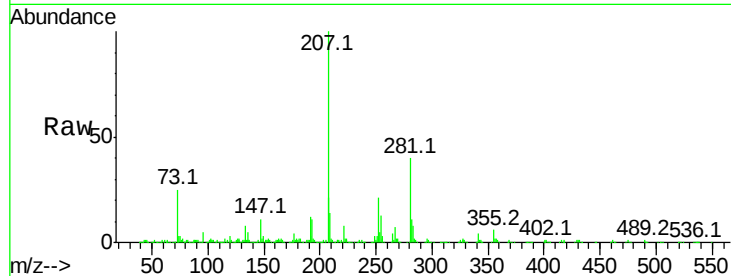




#81
 3,3'-Dichlorobenzidine
 Concen: 2.35 ng
 RT: 21.44 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

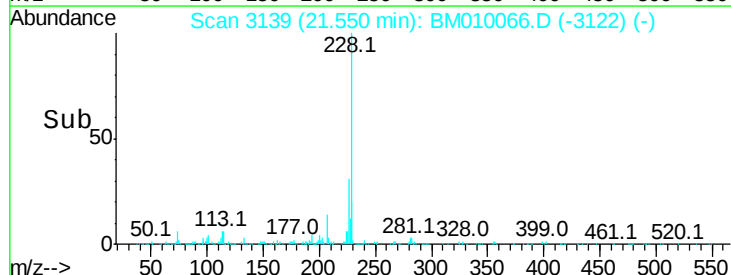
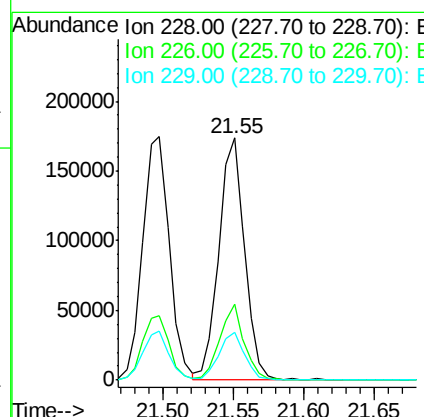
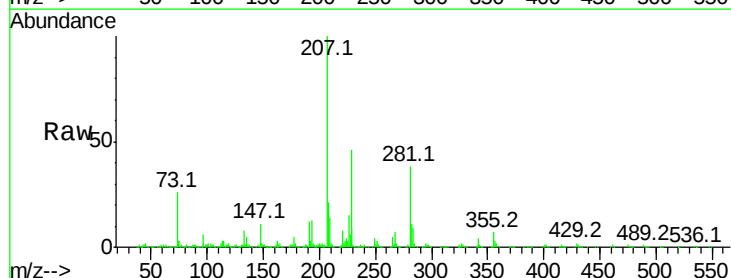
Instrument :
 BNA_M
 ClientSampleId :

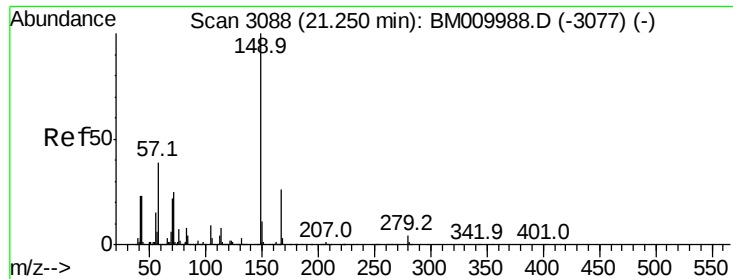
Tot Ion:252 Resp: 88293
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.9 77.9
 126 7.6 9.8 14.8#



#82
 Chrysene
 Concen: 2.29 ng
 RT: 21.55 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BM010066.D
 Acq: 19 May 2017 09:48

Tgt Ion:228 Resp: 219147
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.1 36.1
 229 20.0 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.81 ng

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

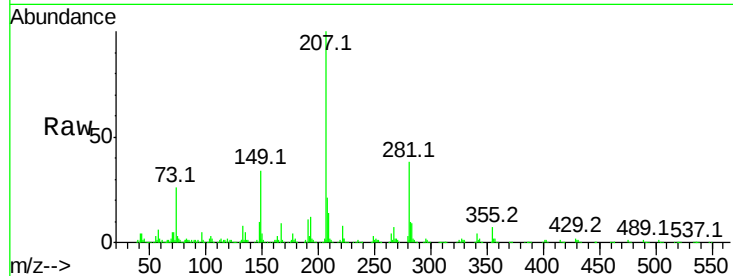
Tot Ion:149 Resp: 113265

Ion Ratio Lower Upper

149 100

167 27.2 22.4 33.6

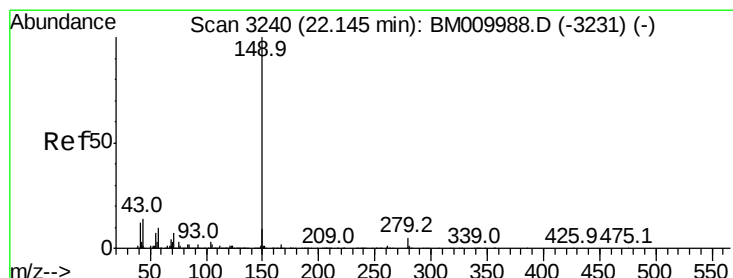
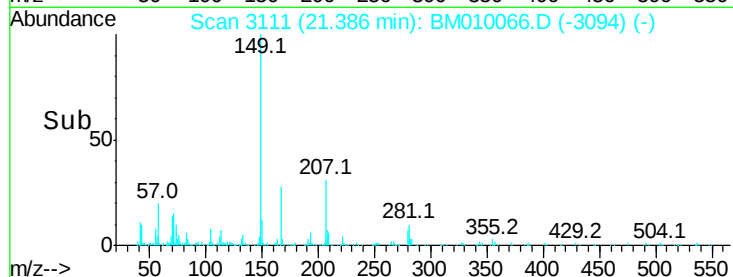
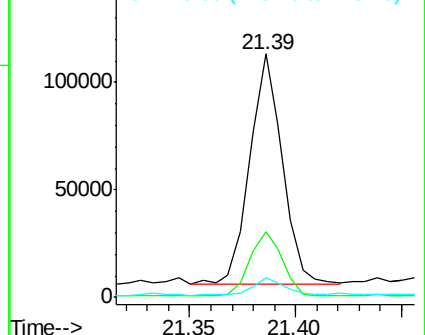
279 7.8 3.4 5.0#



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: 1.90 ng

RT: 22.30 min Scan# 3266

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

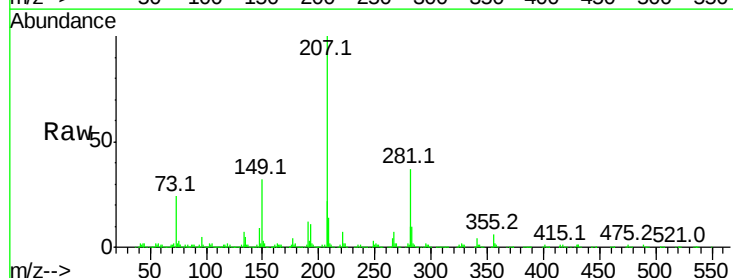
Tgt Ion:149 Resp: 204158

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

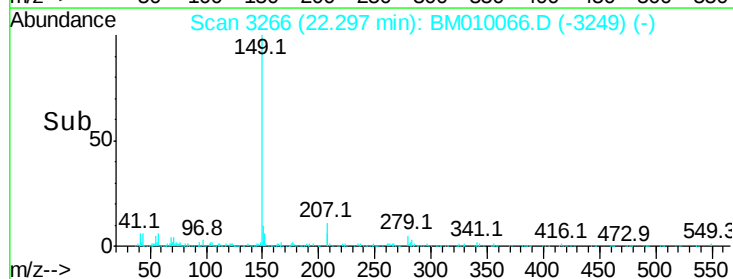
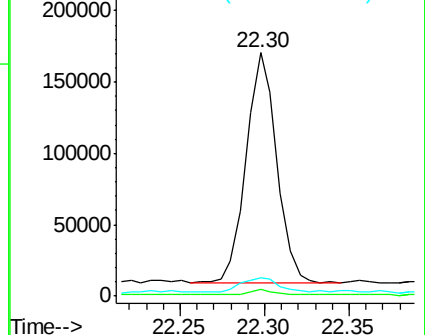
43 7.4 7.3 10.9

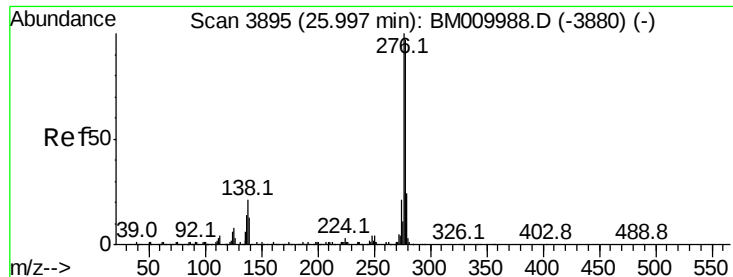


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.04 ng

RT: 26.31 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

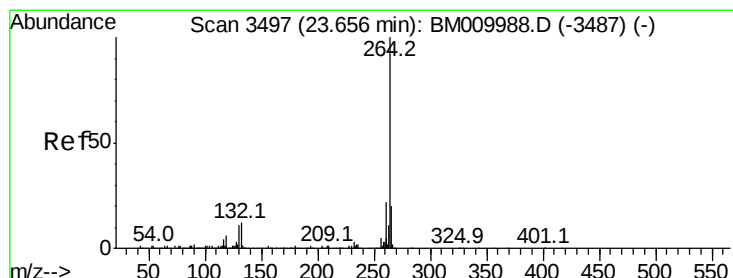
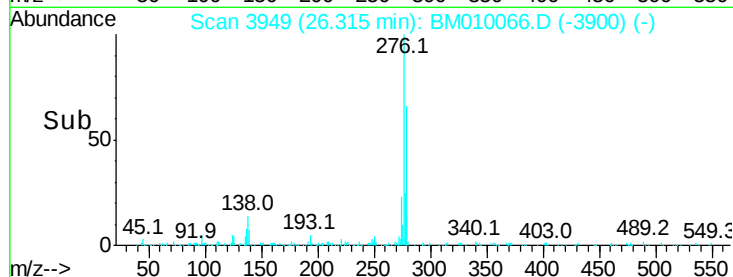
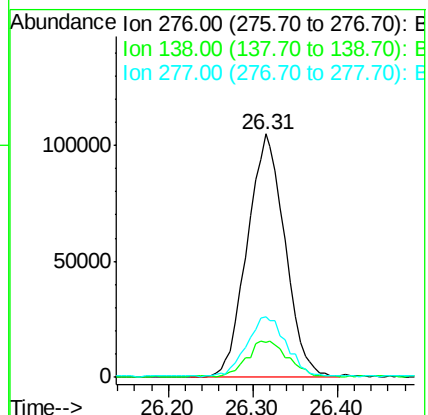
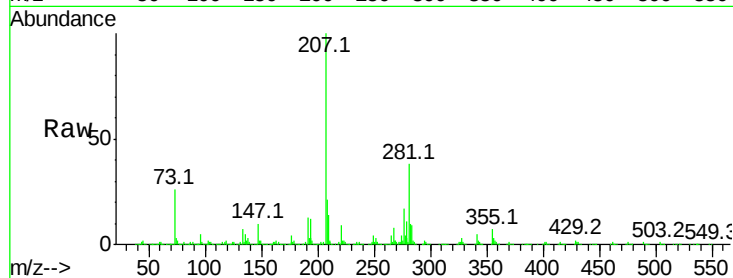
Tot Ion:276 Resp: 325641

Ion Ratio Lower Upper

276 100

138 15.5 0.0 0.0#

277 25.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.89 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

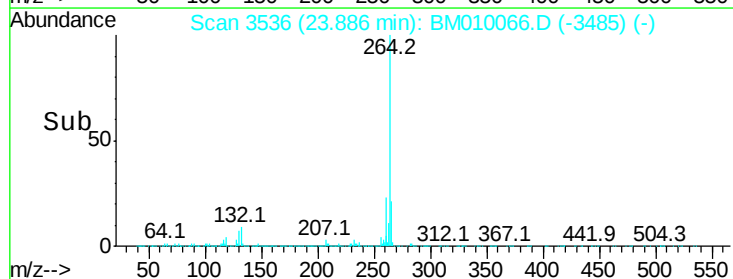
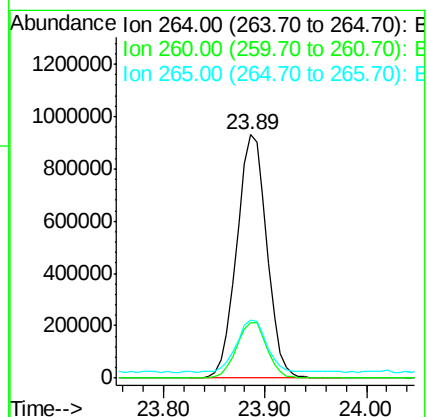
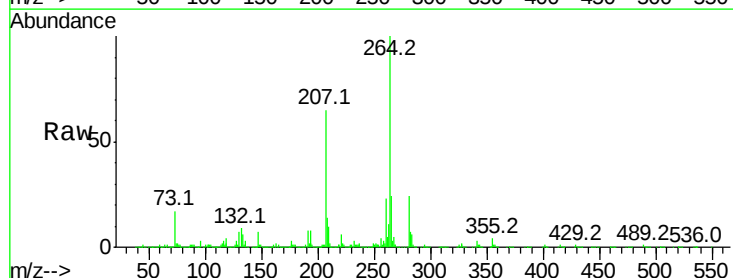
Tgt Ion:264 Resp: 1915373

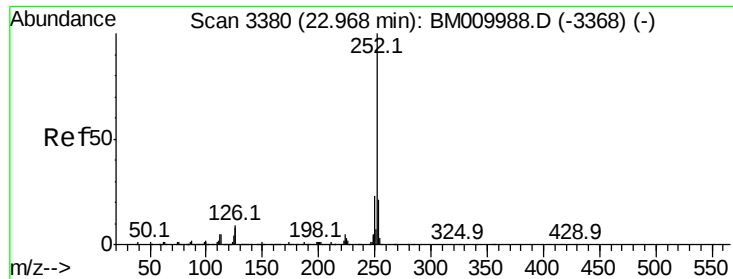
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 23.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 2.08 ng

RT: 23.16 min Scan# 3412

Delta R.T. -0.01 min

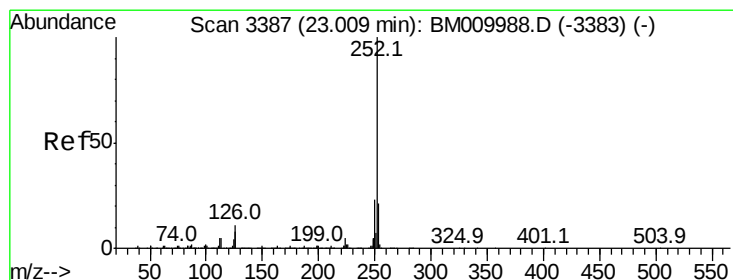
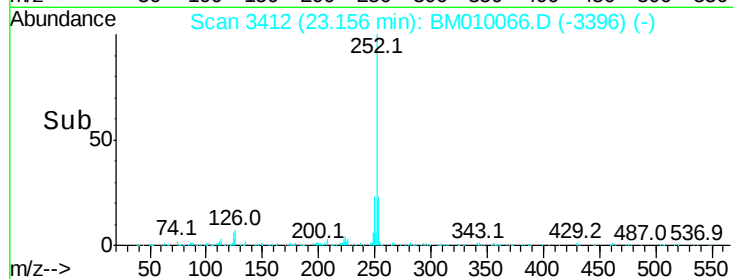
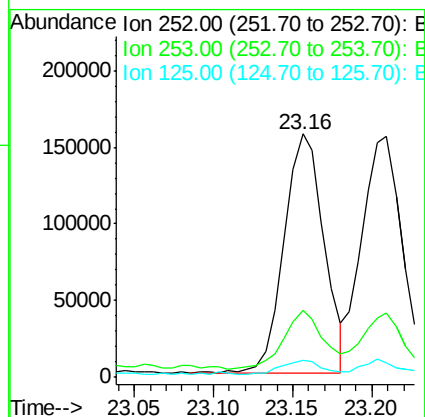
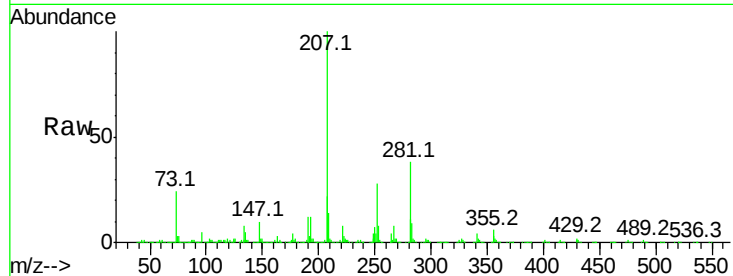
Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 270266

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	7.1	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 2.15 ng

RT: 23.21 min Scan# 3421

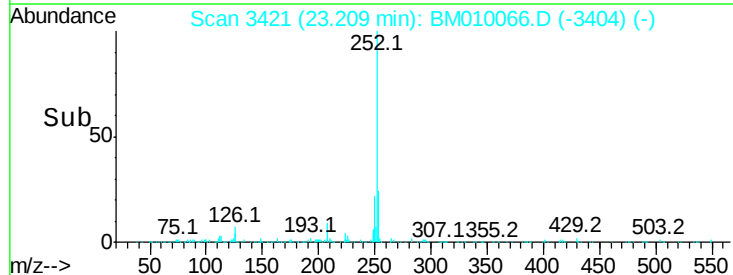
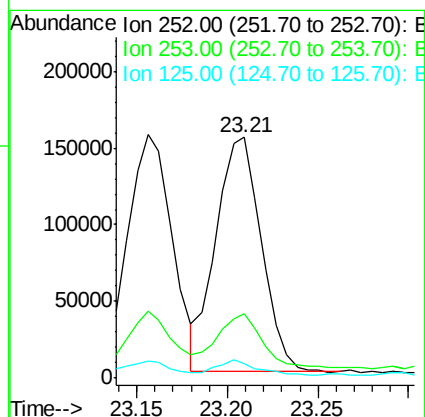
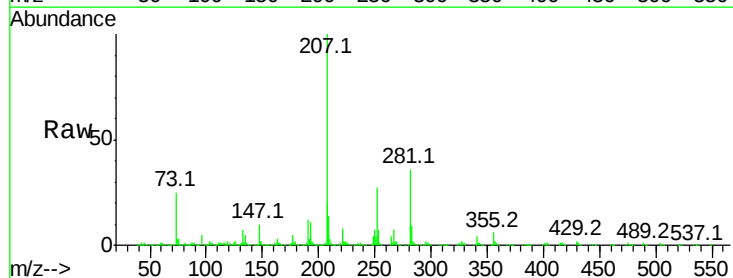
Delta R.T. -0.00 min

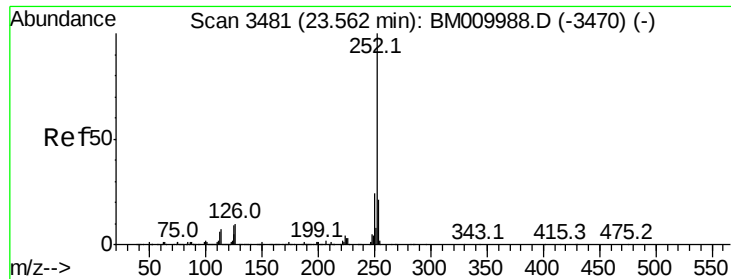
Lab File: BM010066.D

Acq: 19 May 2017 09:48

Tgt Ion:252 Resp: 265456

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	6.1	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 2.26 ng

RT: 23.78 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

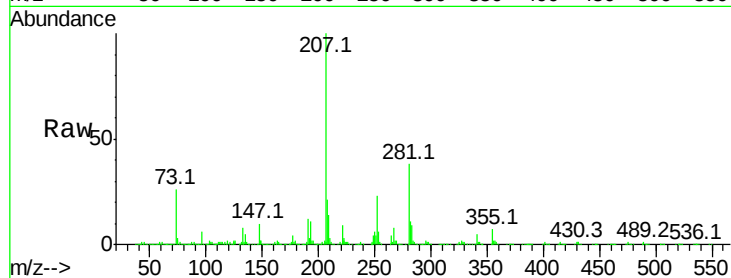
Tot Ion:252 Resp: 258579

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

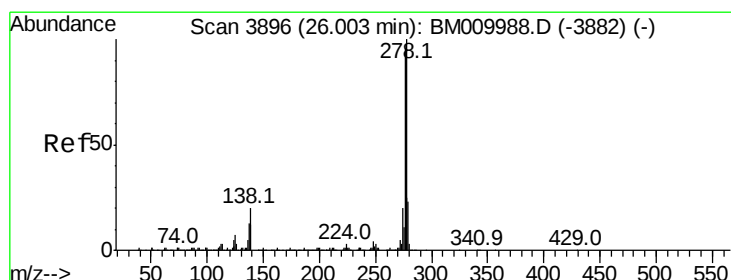
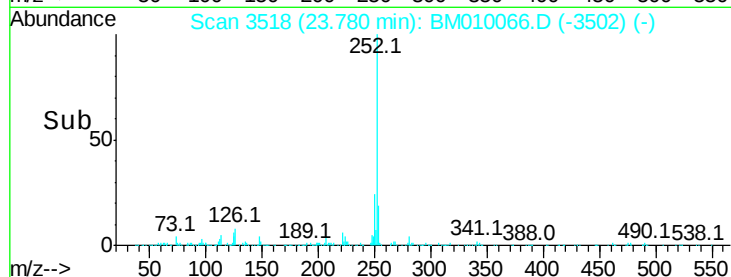
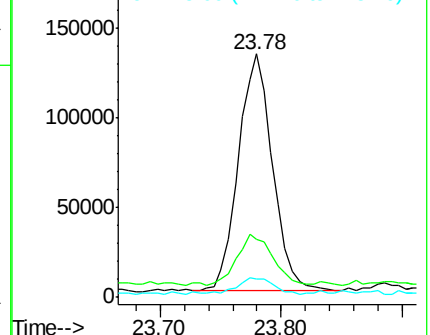
125 7.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.88 ng

RT: 26.33 min Scan# 3952

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

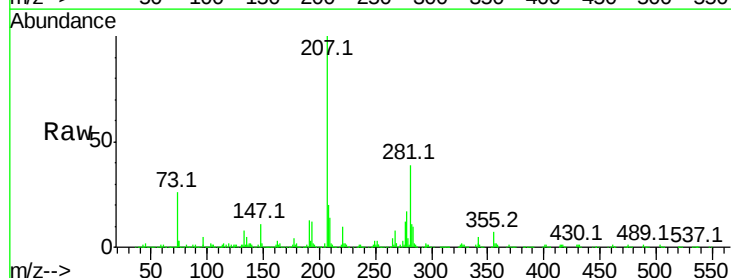
Tgt Ion:278 Resp: 290834

Ion Ratio Lower Upper

278 100

139 7.5 13.4 20.0#

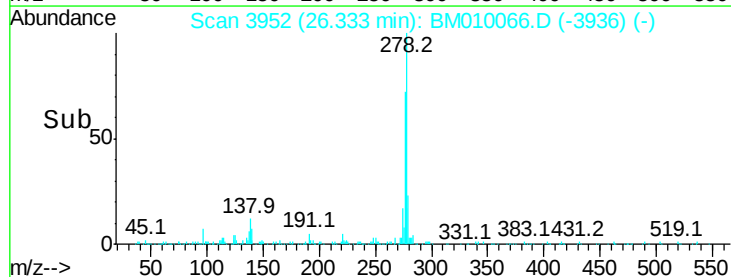
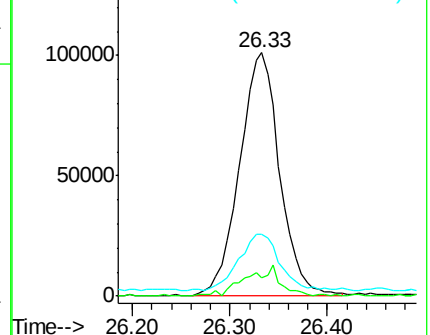
279 25.6 19.0 28.4

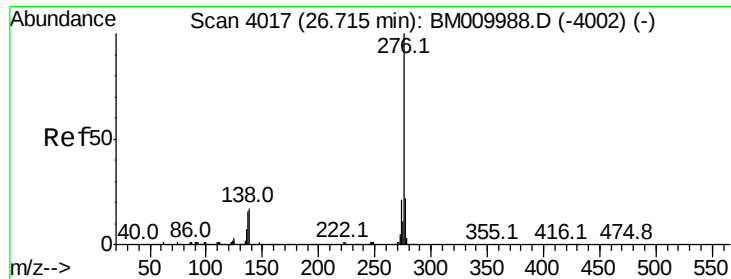


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.06 ng

RT: 27.07 min Scan# 4078

Delta R.T. -0.01 min

Lab File: BM010066.D

Acq: 19 May 2017 09:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 284776

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 13.3 19.0 28.6#

