

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010058.D
 Acq On : 16 May 2017 18:03
 Operator : SJ/MA
 Sample : PB99002BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 17 03:59:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	36368	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	174355	20.00	ng	-0.04
38) Acenaphthene-d10	14.41	164	114098	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	294495	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	398893	20.00	ng	-0.03
86) Perylene-d12	23.64	264	323402	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	236551	101.79	ng	-0.02
7) Phenol-d6	6.94	99	360667	96.86	ng	-0.03
23) Nitrobenzene-d5	8.93	82	449268	94.17	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	131031	83.91	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	725931	85.08	ng	-0.04
78) Terphenyl-d14	19.79	244	1516590	80.13	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30695	35.65	ng	# 100
3) Pyridine	3.68	79	112571	35.47	ng	# 80
4) n-Nitrosodimethylamine	3.59	42	96044	55.25	ng	# 41
6) Aniline	7.09	93	175078	36.21	ng	# 80
8) 2-Chlorophenol	7.32	128	116693	46.25	ng	# 78
9) Benzaldehyde	6.92	77	76654	27.50	ng	# 79
10) Phenol	6.96	94	184399	45.57	ng	# 93
11) bis(2-Chloroethyl)ether	7.19	93	126237	40.12	ng	# 80
12) 1,3-Dichlorobenzene	7.64	146	109816	38.99	ng	# 78
13) 1,4-Dichlorobenzene	7.79	146	113168	39.21	ng	# 90
14) 1,2-Dichlorobenzene	8.10	146	111203	39.74	ng	# 85
15) Benzyl Alcohol	8.01	79	156231	49.23	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.29	45	208398	41.74	ng	# 97
17) 2-Methylphenol	8.21	107	115631	43.78	ng	# 77
18) Hexachloroethane	8.82	117	55873	46.69	ng	# 93
19) n-Nitroso-di-n-propylamine	8.56	70	145663	43.11	ng	# 80
20) 3+4-Methylphenols	8.54	107	160629	44.67	ng	# 80
22) Acetophenone	8.59	105	209642	39.33	ng	# 77
24) Nitrobenzene	8.97	77	220508	43.43	ng	# 82
25) Isophorone	9.49	82	350820	42.73	ng	# 85
26) 2-Nitrophenol	9.67	139	61217	40.04	ng	# 24
27) 2,4-Dimethylphenol	9.73	122	120068	41.96	ng	# 79
28) bis(2-Chloroethoxy)methane	9.96	93	191265	38.67	ng	# 94
29) 2,4-Dichlorophenol	10.21	162	116729	41.92	ng	# 89
30) 1,2,4-Trichlorobenzene	10.41	180	121261	37.30	ng	# 99
31) Naphthalene	10.60	128	356676	37.16	ng	# 97
32) Benzoic acid	9.92	122	79673	41.62	ng	# 70
33) 4-Chloroaniline	10.73	127	88313	21.64	ng	# 74
34) Hexachlorobutadiene	10.86	225	79658	36.01	ng	# 96
35) Caprolactam	11.55	113	24456	22.48	ng	# 72
36) 4-Chloro-3-methylphenol	11.86	107	156891	42.16	ng	# 77
37) 2-Methylnaphthalene	12.22	142	271700	39.54	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	145476	35.03	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	90542	83.40	ng	# 97

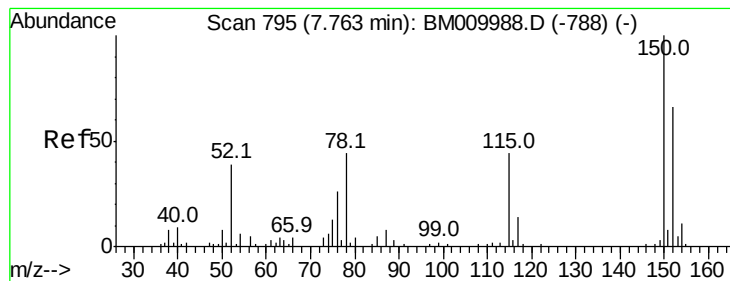
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010058.D
 Acq On : 16 May 2017 18:03
 Operator : SJ/MA
 Sample : PB99002BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 17 03:59:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	99665	38.98	nq	95
43) 2,4,5-Trichlorophenol	12.92	196	106370	38.30	nq	# 81
45) 1,1'-Biphenyl	13.23	154	366029	38.55	nq	96
46) 2-Chloronaphthalene	13.28	162	293251	39.30	nq	# 92
47) 2-Nitroaniline	13.51	65	167362	49.54	nq	# 57
48) Acenaphthylene	14.13	152	478906	40.76	nq	98
49) Dimethylphthalate	13.87	163	397059	39.48	nq	98
50) 2,6-Dinitrotoluene	14.00	165	85262	41.83	nq	# 14
51) Acenaphthene	14.47	154	299615	40.46	nq	98
52) 3-Nitroaniline	14.35	138	73383	33.90	nq	# 42
53) 2,4-Dinitrophenol	14.56	184	88037	73.43	nq	# 64
54) Dibenzofuran	14.81	168	495855	43.71	nq	# 88
55) 4-Nitrophenol	14.67	139	126716	87.43	nq	# 1
56) 2,4-Dinitrotoluene	14.80	165	130442	43.26	nq	# 43
57) Fluorene	15.46	166	416253	41.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	103597	43.18	nq	# 100
59) Diethylphthalate	15.23	149	439907	41.66	nq	97
60) 4-Chlorophenyl-phenylether	15.45	204	213079	39.01	nq	96
61) 4-Nitroaniline	15.52	138	94272	42.75	nq	# 1
62) Azobenzene	15.75	77	715931	55.88	nq	73
64) 4,6-Dinitro-2-methylphenol	15.57	198	70256	37.80	nq	# 71
65) n-Nitrosodiphenylamine	15.67	169	358773	39.26	nq	95
66) 4-Bromophenyl-phenylether	16.35	248	130946	37.44	nq	# 85
67) Hexachlorobenzene	16.46	284	138447	35.66	nq	# 80
68) Atrazine	16.63	200	136811	40.97	nq	98
69) Pentachlorophenol	16.82	266	139131	73.81	nq	95
70) Phenanthrene	17.21	178	682752	40.39	nq	99
71) Anthracene	17.30	178	707940	41.06	nq	99
72) Carbazole	17.58	167	644119	41.85	nq	99
73) Di-n-butylphthalate	18.12	149	817880	41.79	nq	# 96
74) Fluoranthene	19.23	202	864814	39.88	nq	98
76) Benzidine	19.43	184	451567	45.28	nq	98
77) Pyrene	19.59	202	900193	37.92	nq	98
79) Butylbenzylphthalate	20.48	149	430251	43.53	nq	# 57
80) Benzo(a)anthracene	21.34	228	994901	41.51	nq	97
81) 3,3'-Dichlorobenzidine	21.27	252	301019	34.09	nq	97
82) Chrysene	21.39	228	867580	38.60	nq	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	627553	42.52	nq	93
84) Di-n-octyl phthalate	22.13	149	1105201	43.65	nq	# 76
85) Indeno(1,2,3-cd)pyrene	25.97	276	802410	42.35	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	898945	41.05	nq	# 94
88) Benzo(k)fluoranthene	23.00	252	872665	41.93	nq	98
89) Benzo(a)pyrene	23.54	252	805250	41.70	nq	98
90) Dibenzo(a,h)anthracene	25.98	278	691053	40.56	nq	# 94
91) Benzo(g,h,i)perylene	26.69	276	603859	38.46	nq	# 94

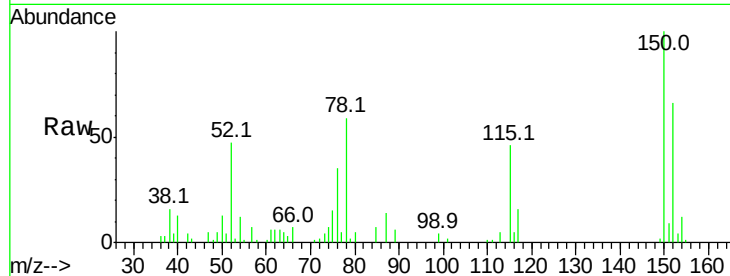
(#) = qualifier out of range (m) = manual integration (+) = signals summed



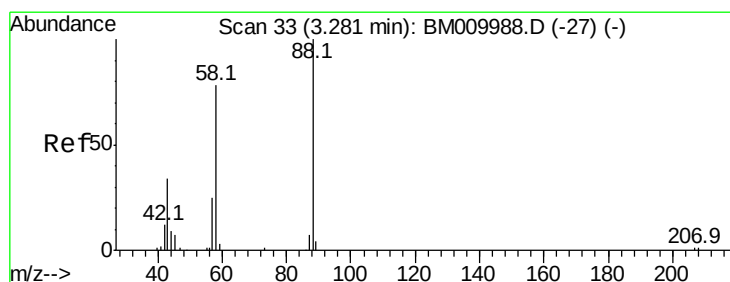
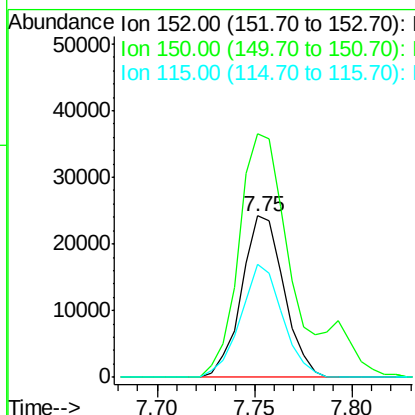
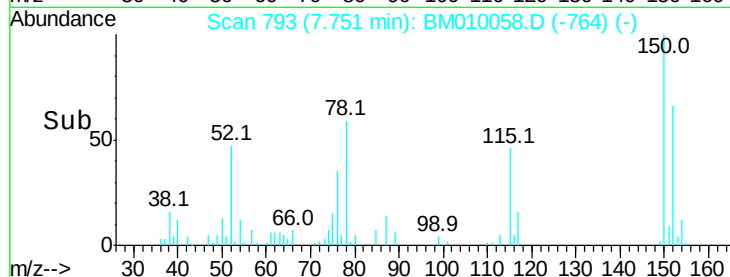
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:152 Resp: 36368
 Ion Ratio Lower Upper
 152 100
 150 151.0 119.5 179.3
 115 70.0 43.0 64.4#

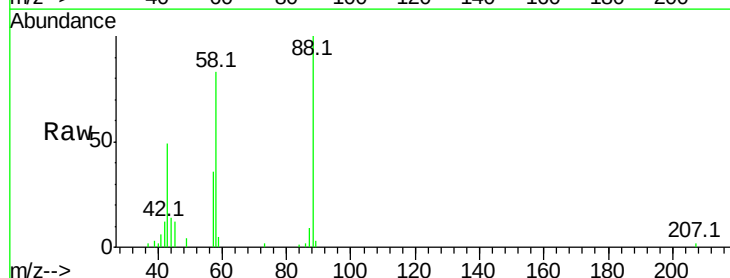


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

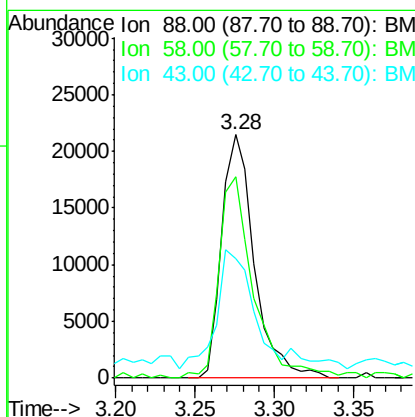
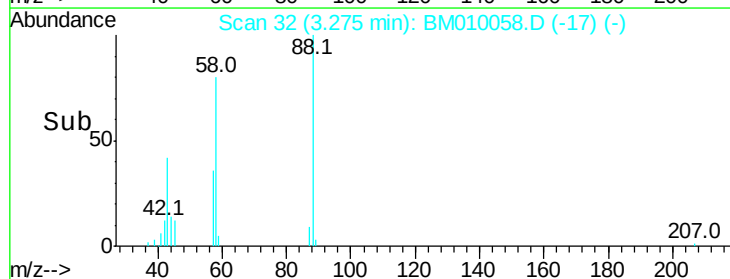


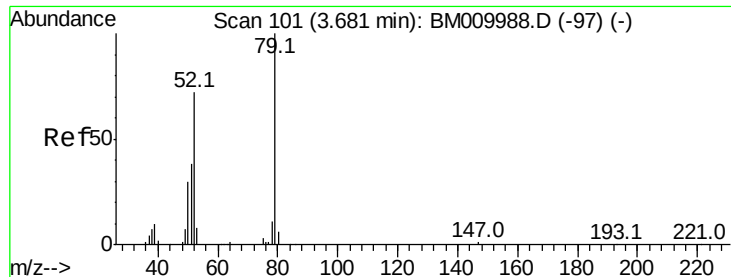
#2
 1,4-Dioxane
 Concen: 35.65 ng
 RT: 3.28 min Scan# 32
 Delta R.T. -0.01 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion: 88 Resp: 30695
 Ion Ratio Lower Upper
 88 100
 58 88.0 0.0 0.0#
 43 60.4 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: 35.47 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

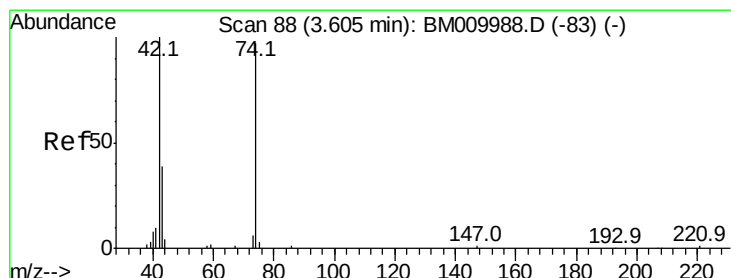
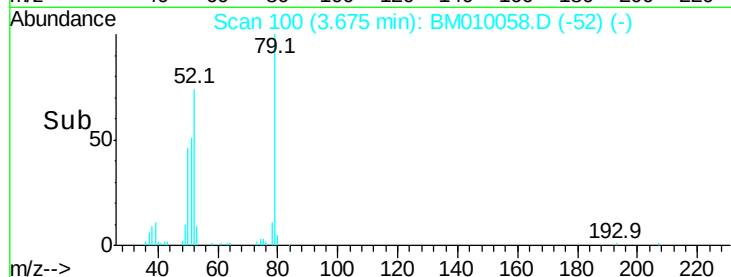
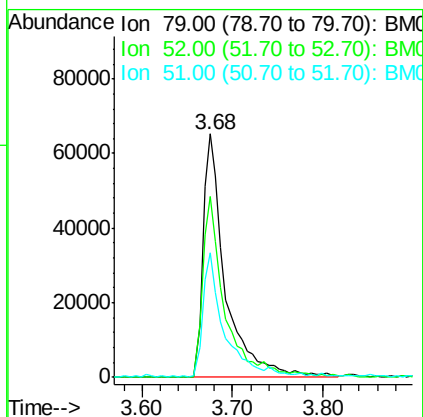
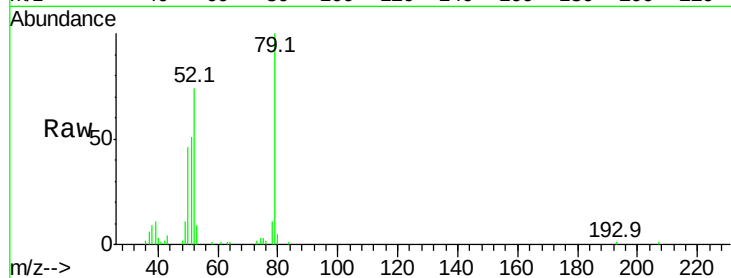
Tot Ion: 79 Resp: 112571

Ion Ratio Lower Upper

79 100

52 74.4 51.1 76.7

51 51.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 55.25 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

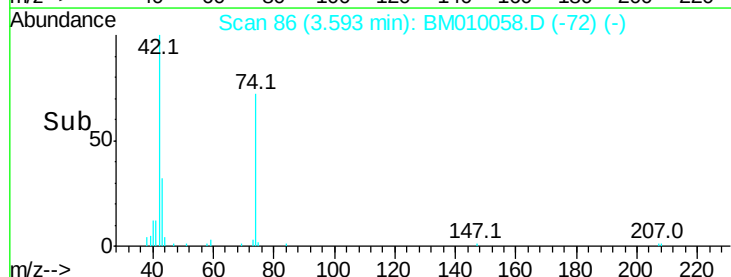
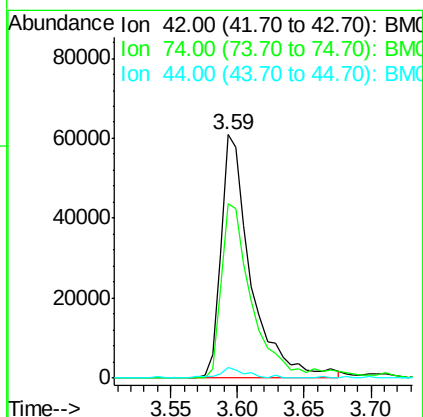
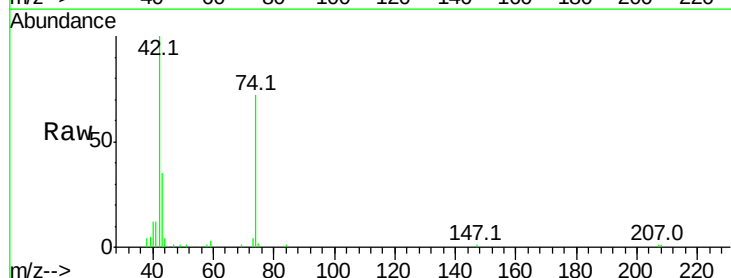
Tgt Ion: 42 Resp: 96044

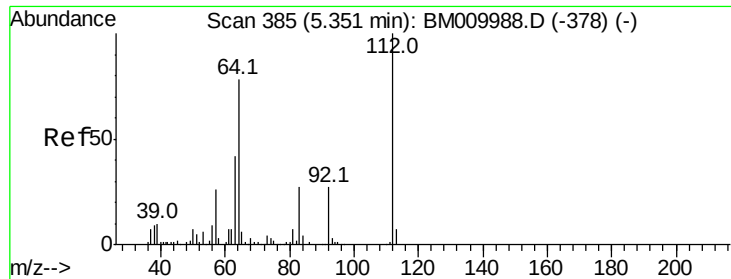
Ion Ratio Lower Upper

42 100

74 71.6 119.3 178.9#

44 4.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 101.79 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

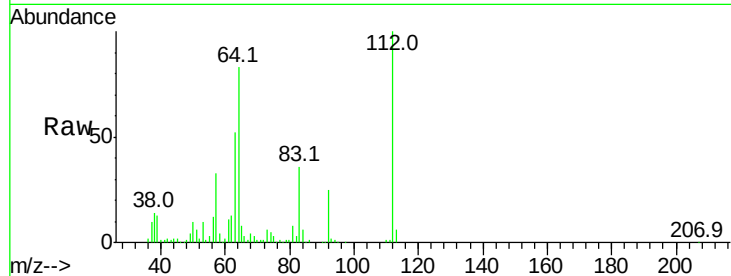
Tot Ion:112 Resp: 236551

Ion Ratio Lower Upper

112 100

64 83.3 38.6 57.8#

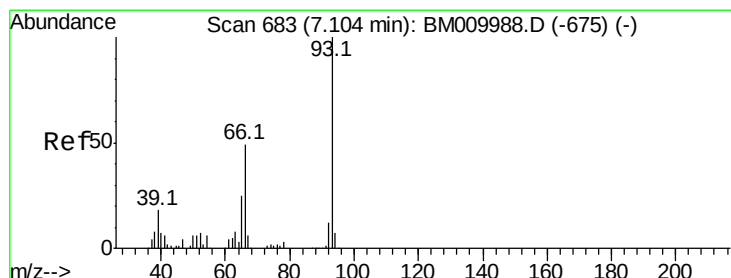
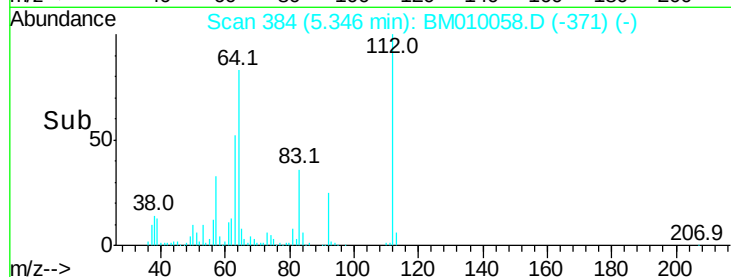
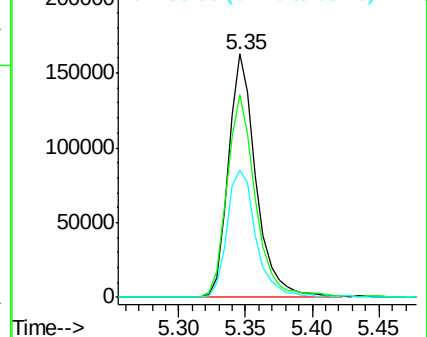
63 52.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 36.21 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

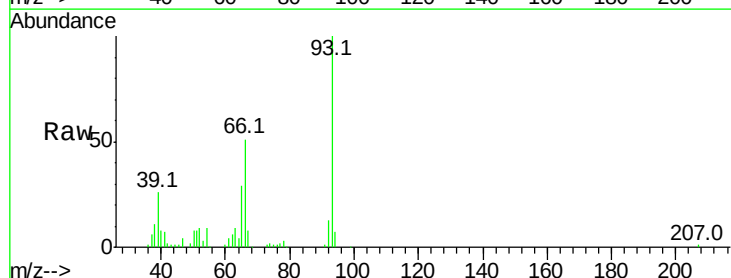
Tgt Ion: 93 Resp: 175078

Ion Ratio Lower Upper

93 100

66 50.7 30.8 46.2#

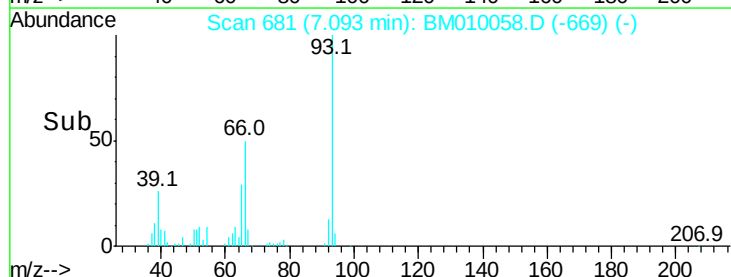
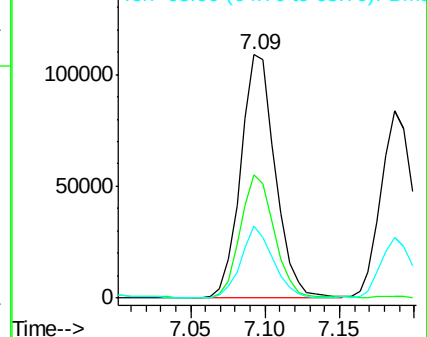
65 29.4 16.0 24.0#

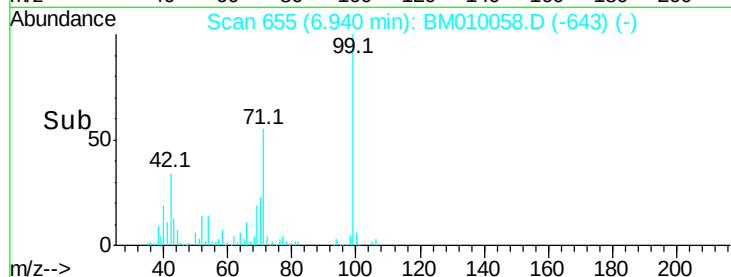
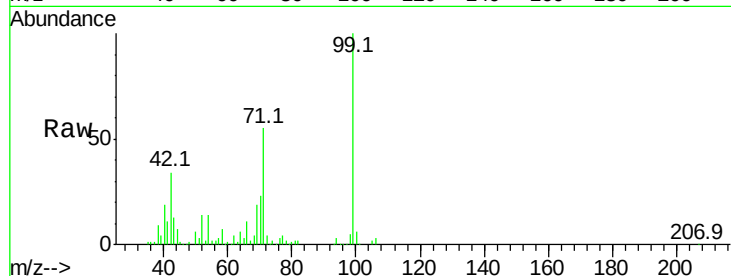
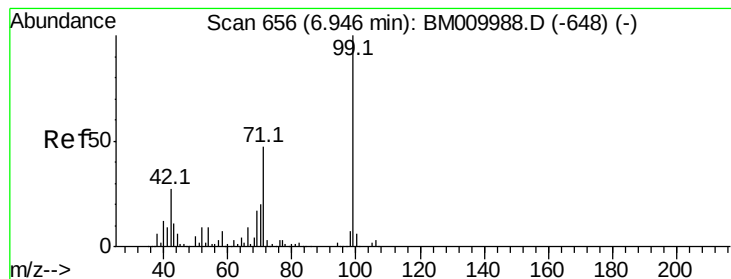


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 96.86 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

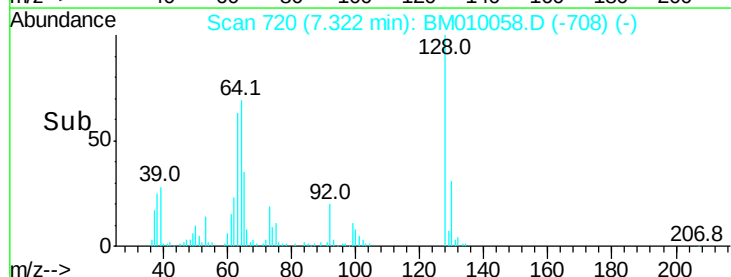
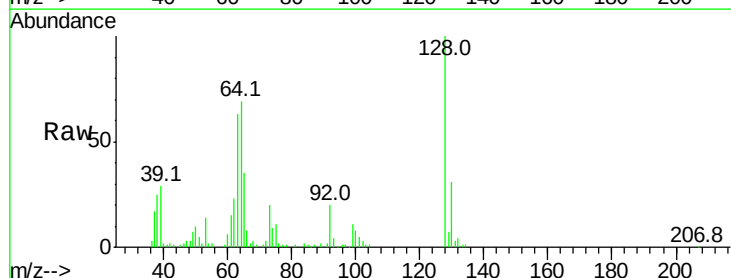
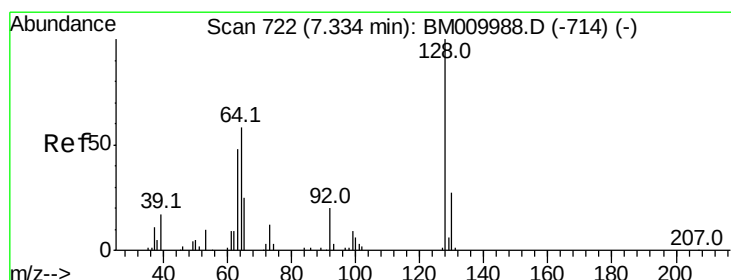
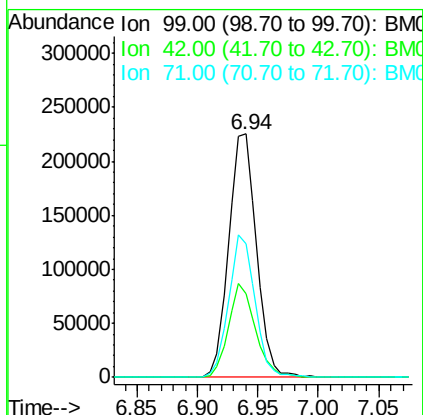
Tot Ion: 99 Resp: 360667

Ion Ratio Lower Upper

99 100

42 34.4 11.0 16.4#

71 54.8 23.4 35.2#



#8

2-Chlorophenol

Concen: 46.25 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

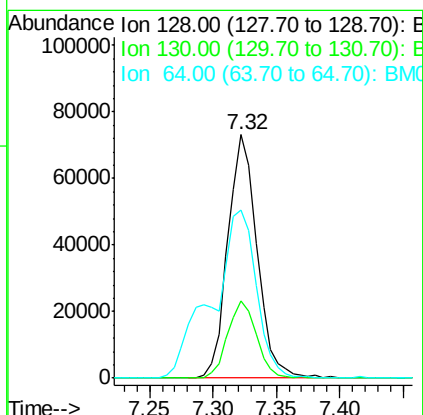
Tgt Ion: 128 Resp: 116693

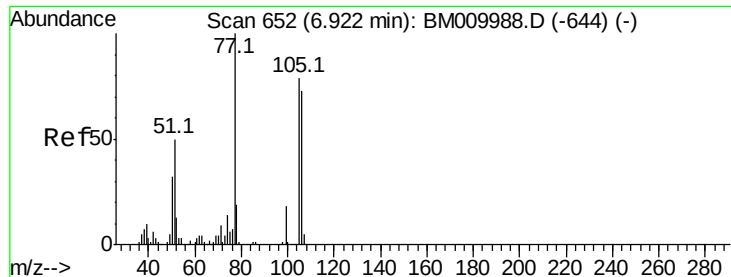
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 69.1 24.9 64.9#





#9

Benzaldehyde

Concen: 27.50 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampled :

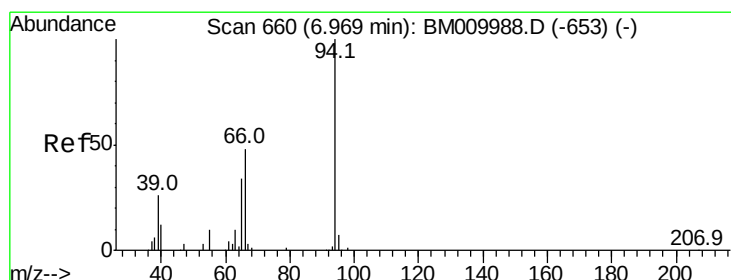
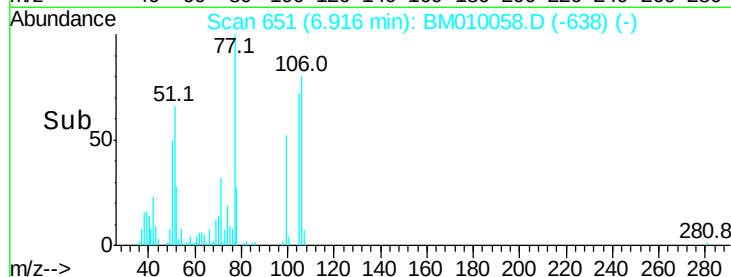
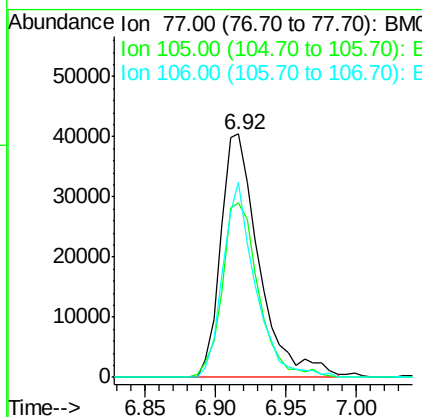
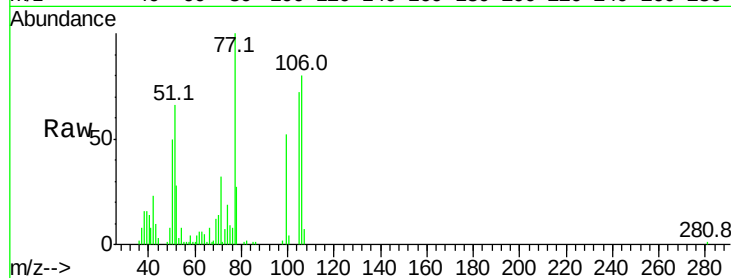
Tot Ion: 77 Resp: 76654

Ion Ratio Lower Upper

77 100

105 71.8 78.8 118.8#

106 80.3 73.7 113.7



#10

Phenol

Concen: 45.57 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

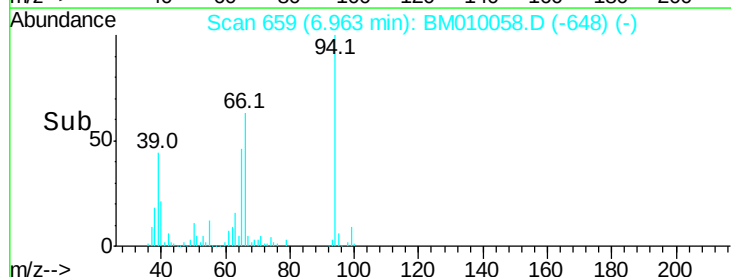
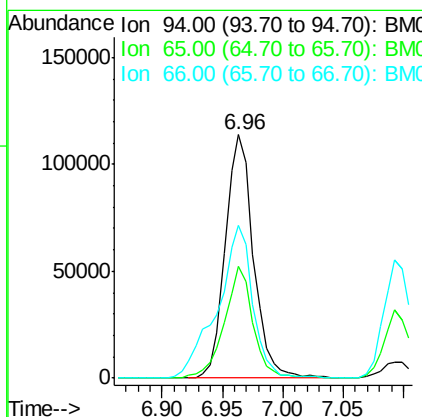
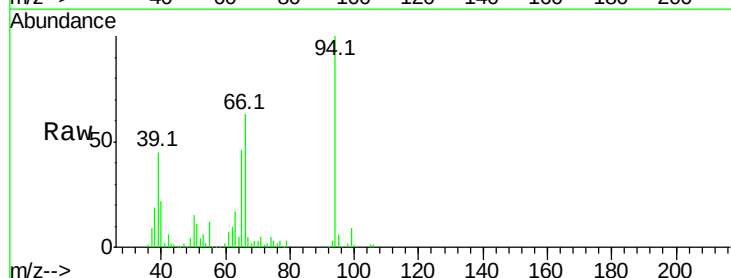
Tgt Ion: 94 Resp: 184399

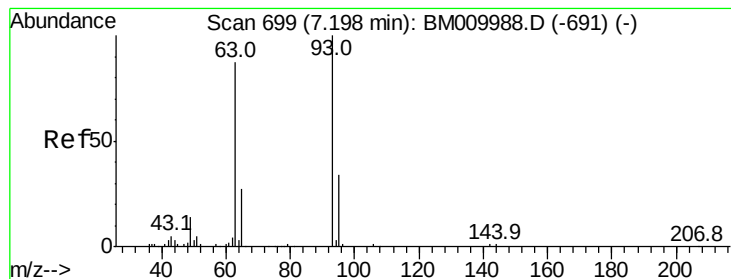
Ion Ratio Lower Upper

94 100

65 45.9 18.8 58.8

66 62.6 39.9 79.9

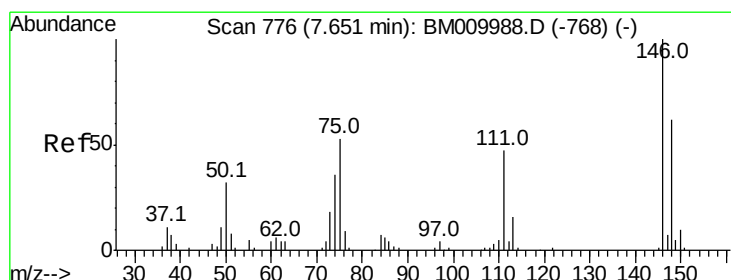
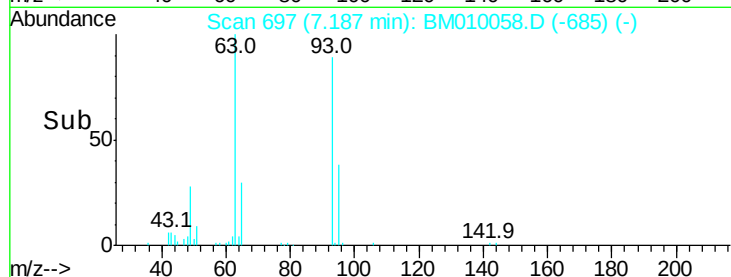
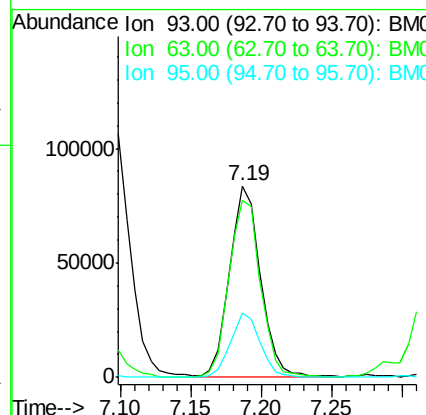
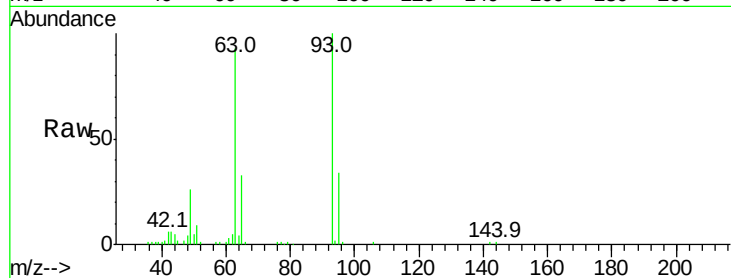




#11
bis(2-Chloroethyl)ether
Concen: 40.12 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

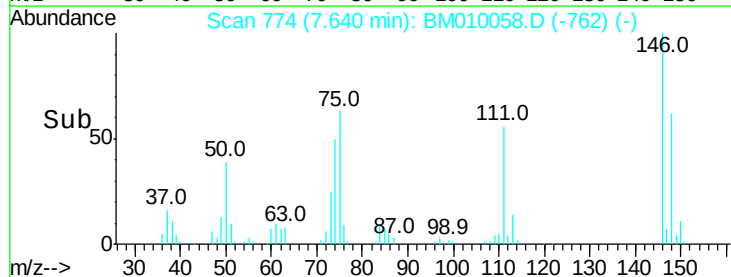
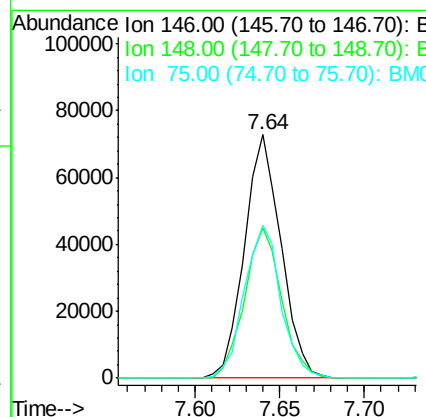
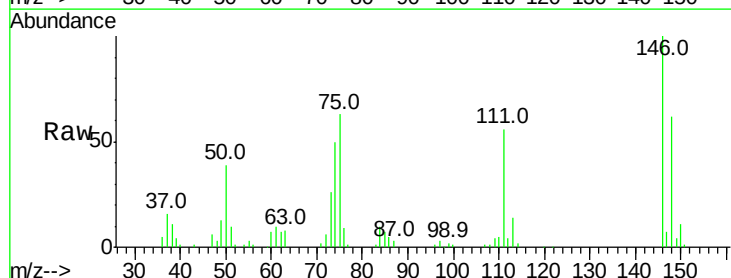
Instrument :
BNA_M
ClientSampleId :

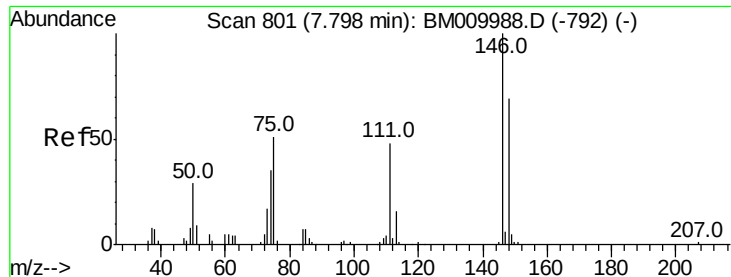
Tot Ion	Ratio	Lower	Upper
93	100		
63	92.9	49.5	89.5#
95	34.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 38.99 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.9	76.3
75	62.5	21.4	32.2#

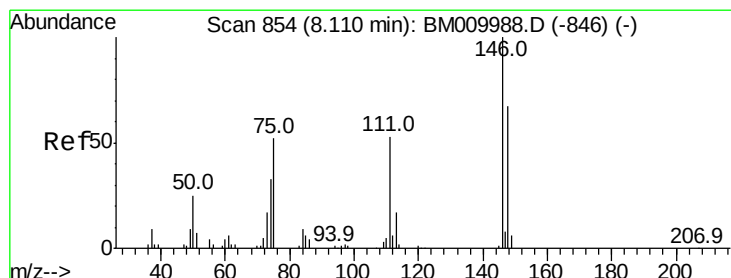
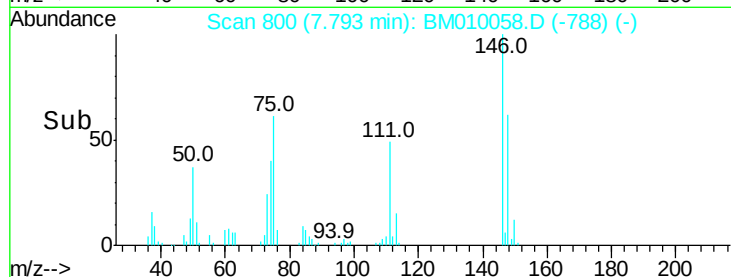
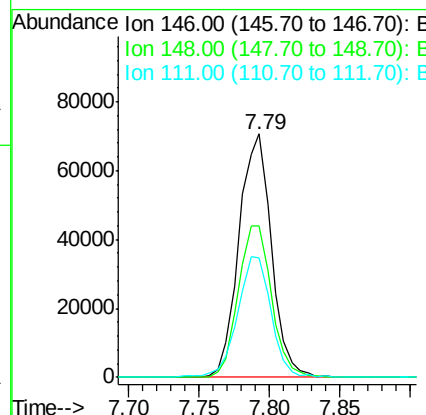
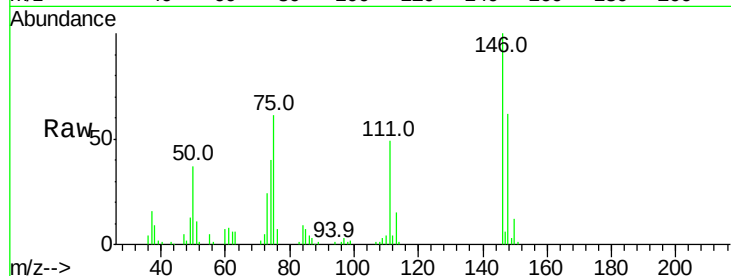




#13
 1,4-Dichlorobenzene
 Concen: 39.21 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

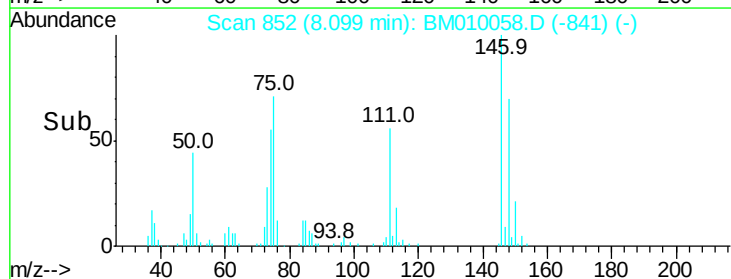
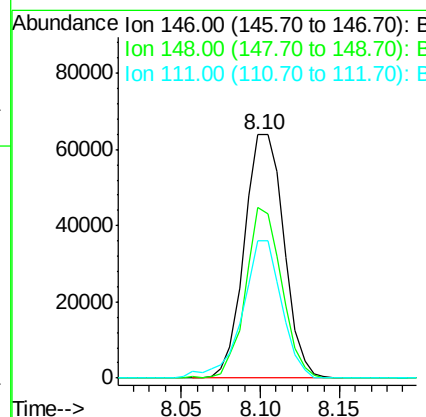
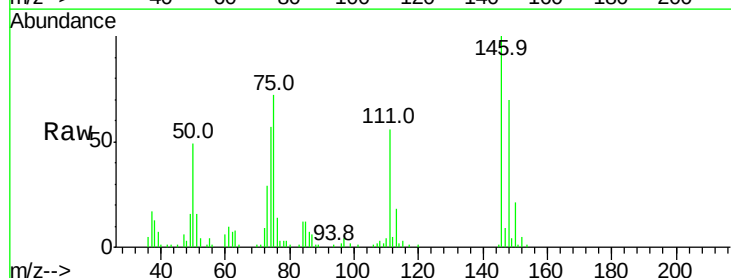
Instrument :
 BNA_M
 ClientSampled :

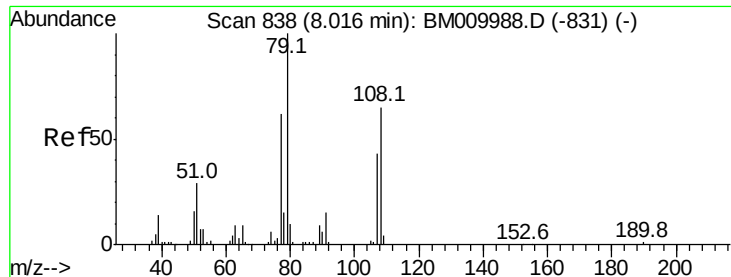
Tot Ion:146 Resp: 113168
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.9 77.9
 111 49.2 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 39.74 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion:146 Resp: 111203
 Ion Ratio Lower Upper
 146 100
 148 70.3 52.3 78.5
 111 56.3 30.6 45.8#





#15

Benzyl Alcohol

Concen: 49.23 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampled :

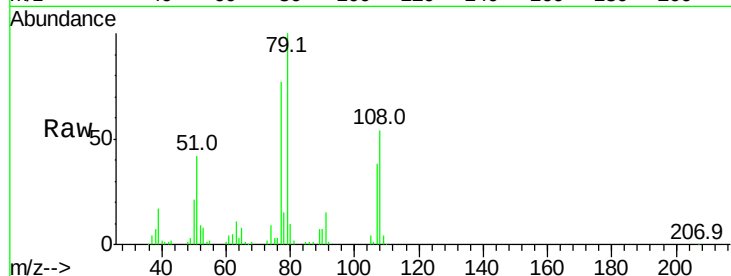
Tot Ion: 79 Resp: 156231

Ion Ratio Lower Upper

79 100

108 54.0 65.0 97.4#

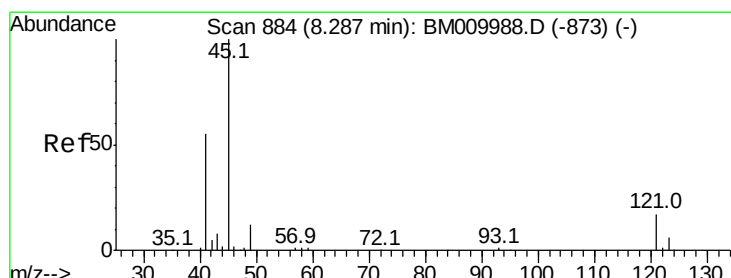
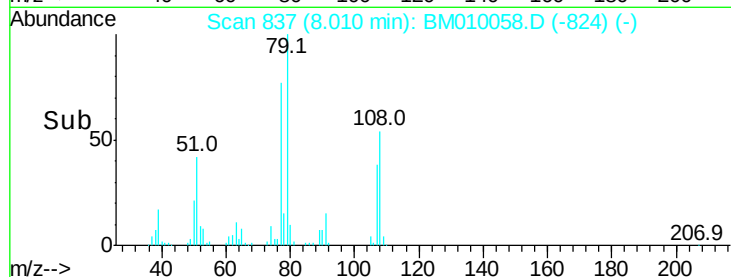
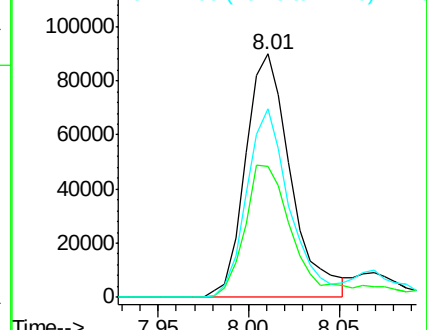
77 77.5 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010058.D (-837) (-)

Ion 108.00 (107.70 to 108.70): BM010058.D (-837) (-)

Ion 77.00 (76.70 to 77.70): BM010058.D (-837) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.74 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

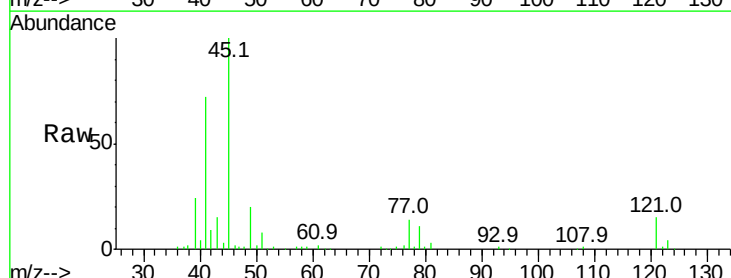
Tgt Ion: 45 Resp: 208398

Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.2

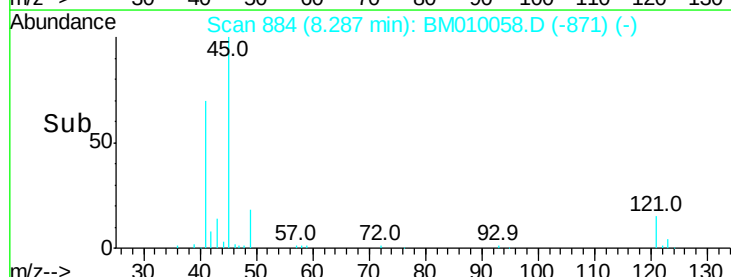
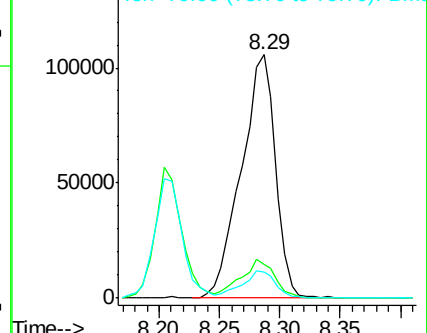
79 10.9 0.0 32.0

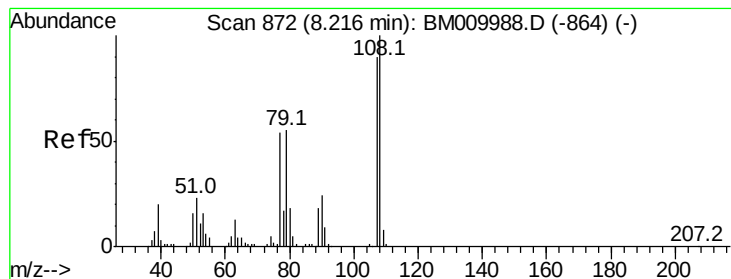


Abundance Ion 45.00 (44.70 to 45.70): BM010058.D (-884) (-)

Ion 77.00 (76.70 to 77.70): BM010058.D (-884) (-)

Ion 79.00 (78.70 to 79.70): BM010058.D (-884) (-)

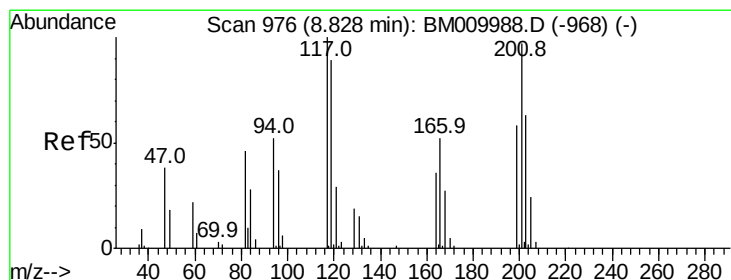
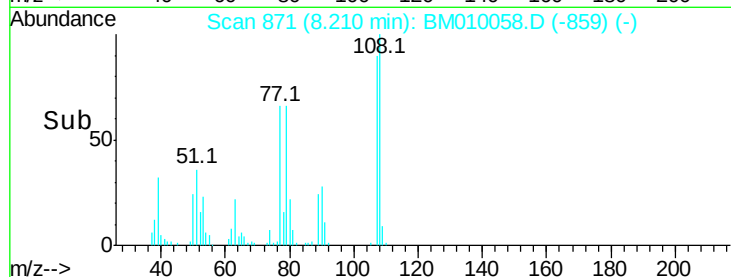
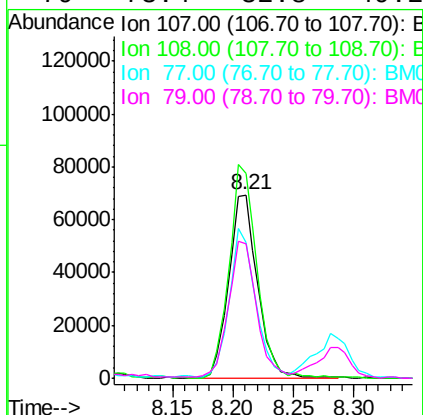
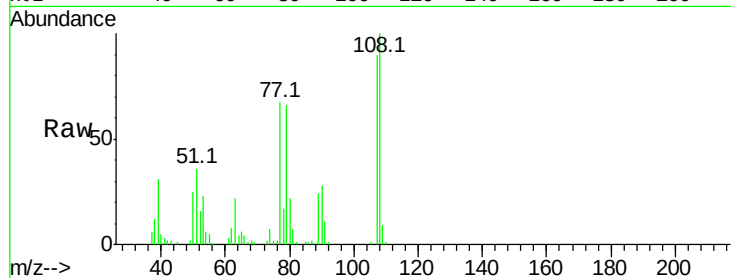




#17
2-Methylphenol
Concen: 43.78 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

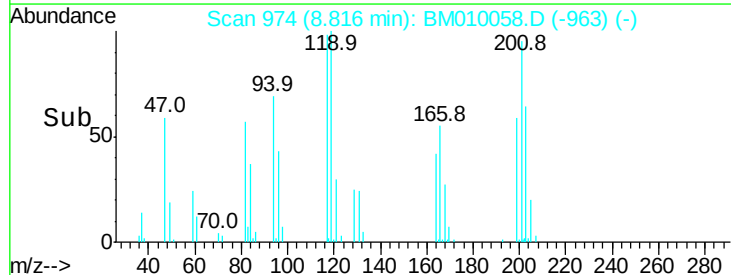
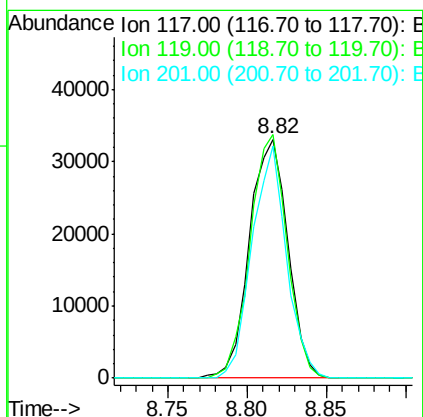
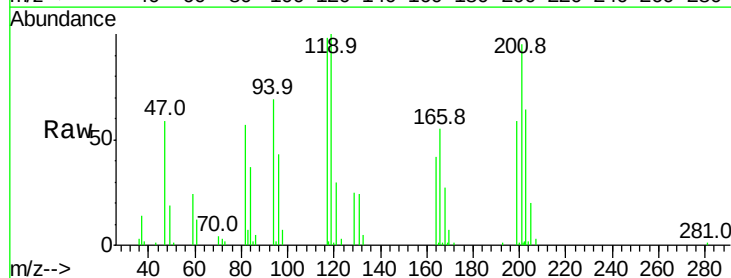
Instrument :
BNA_M
ClientSampleId :

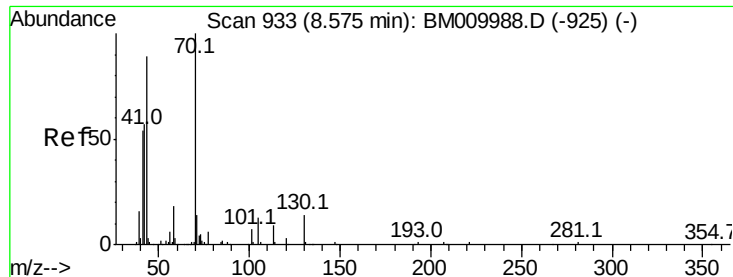
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.8
77	74.2	32.6	48.8#
79	73.4	32.8	49.2#



#18
Hexachloroethane
Concen: 46.69 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.0	79.2	118.8
201	98.6	69.8	104.6

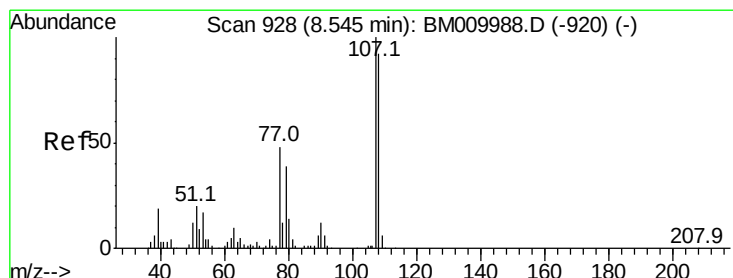
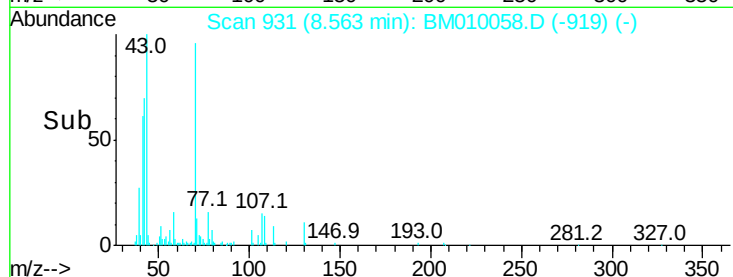
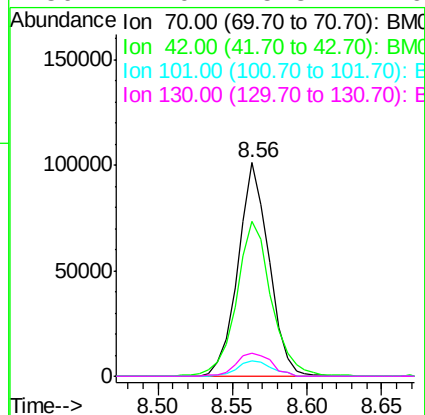
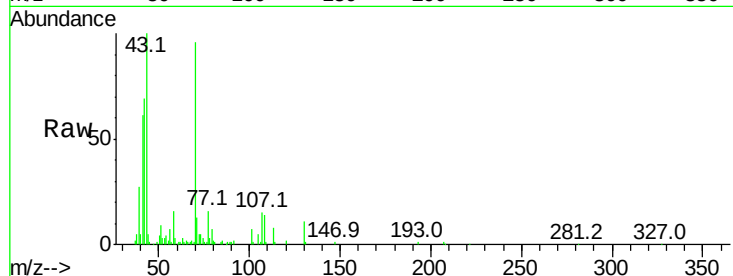




#19
n-Nitroso-di-n-propylamine
Concen: 43.11 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

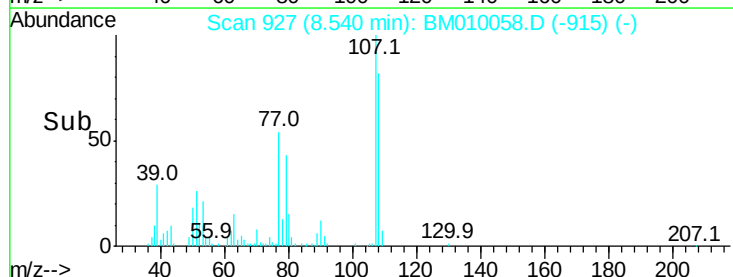
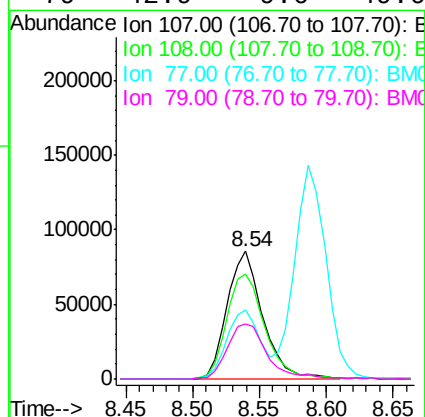
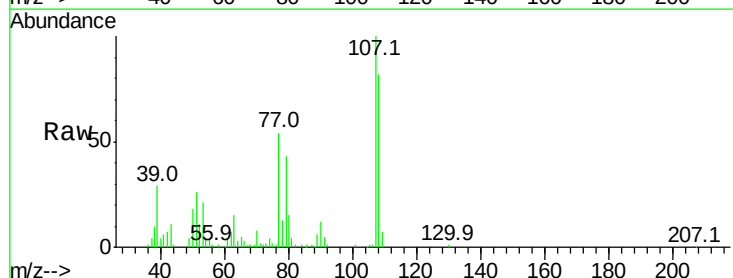
Instrument :
BNA_M
ClientSampleId :

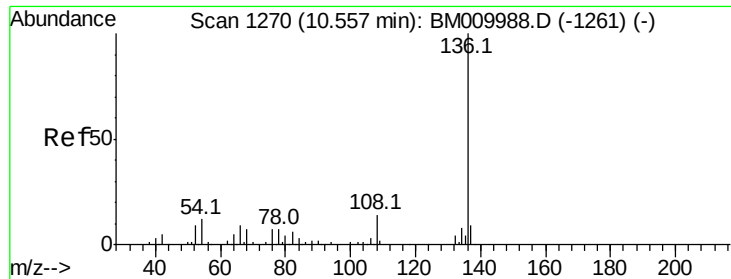
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	44.5	66.7#
101	7.2	7.4	11.2#
130	11.0	15.3	22.9#



#20
3+4-Methylphenols
Concen: 44.67 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.8	73.2	113.2
77	53.9	10.7	50.7#
79	42.9	9.6	49.6

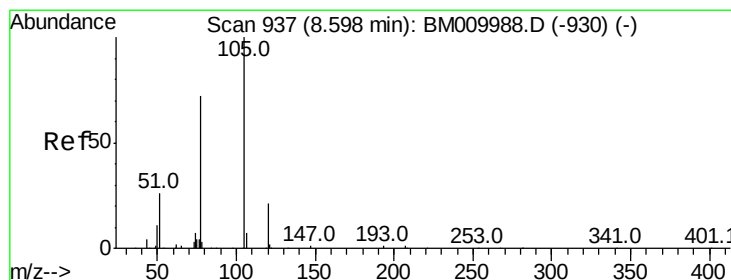
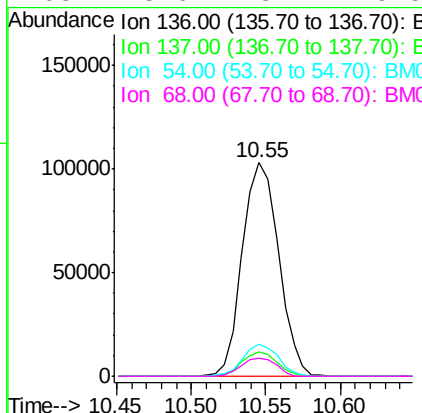
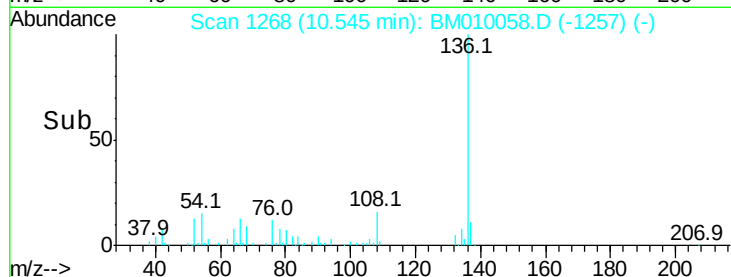
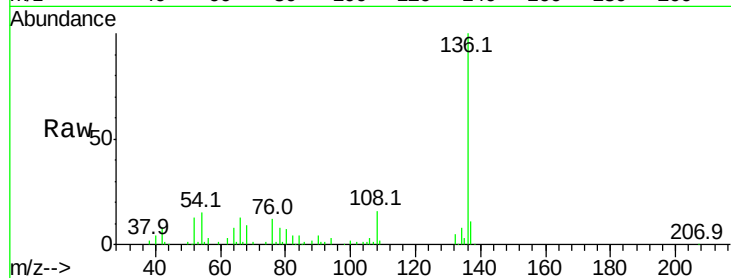




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

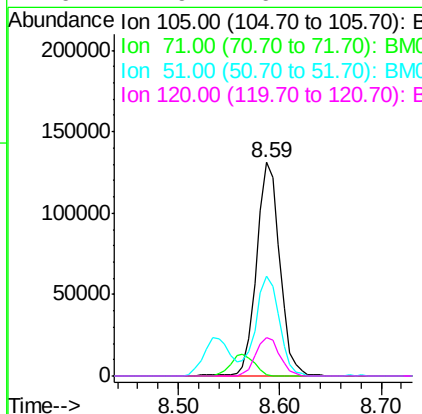
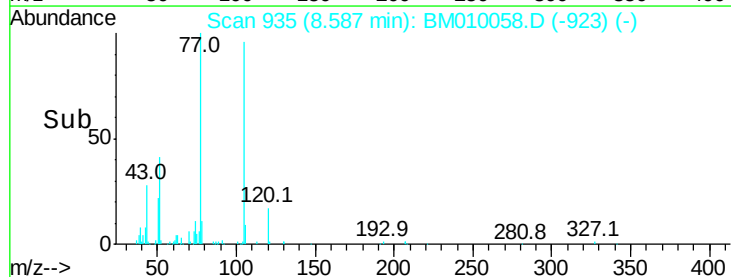
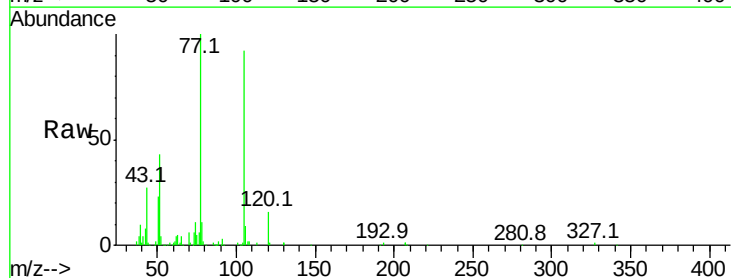
Instrument :
BNA_M
ClientSampleId :

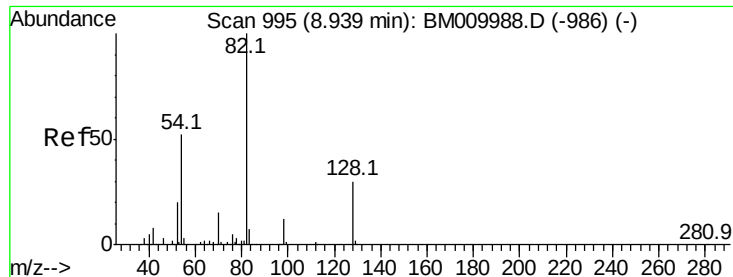
Tot Ion:136	Resp: 174355
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 15.1	4.6 6.8#
68 8.6	3.7 5.5#



#22
Acetophenone
Concen: 39.33 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt	Ion:105	Resp:	209642
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.6	1.0
51	46.6	21.6	32.4#
120	17.9	16.1	24.1

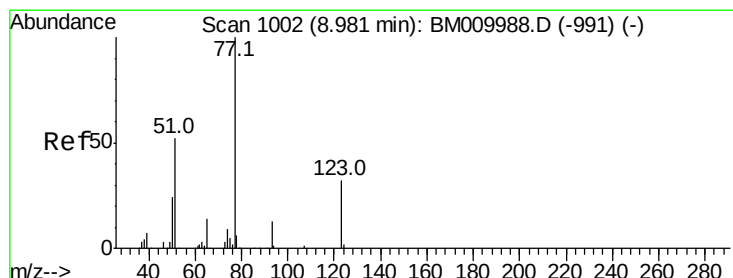
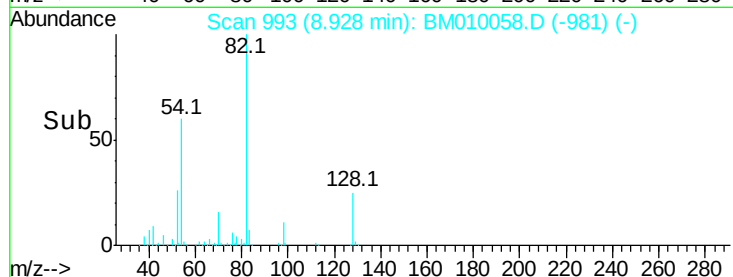
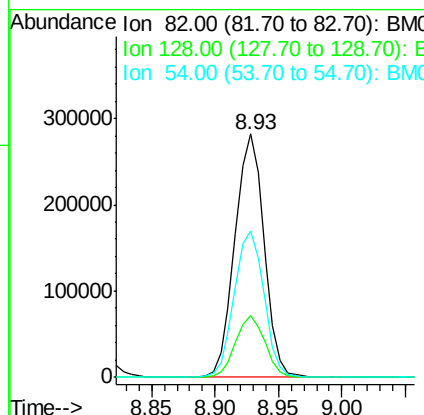
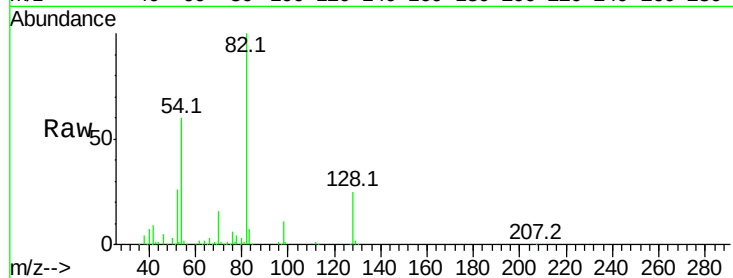




#23
 Nitrobenzene-d5
 Concen: 94.17 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

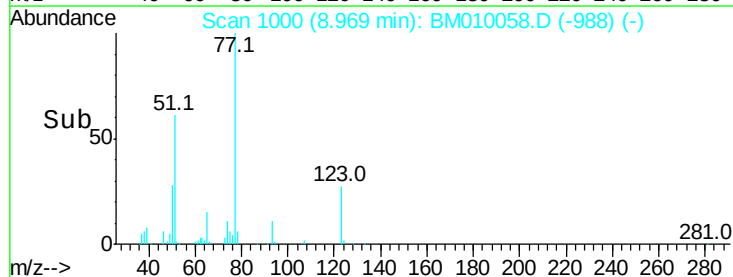
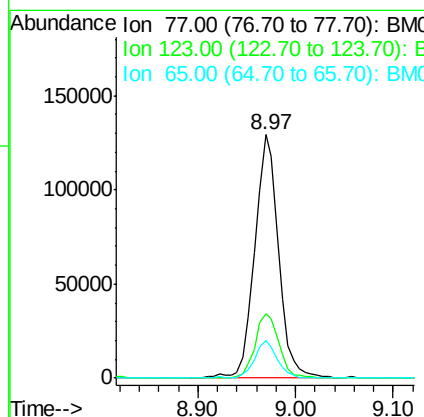
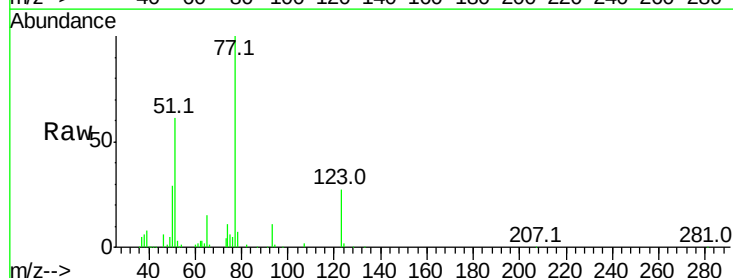
Instrument :
 BNA_M
 ClientSampleId :

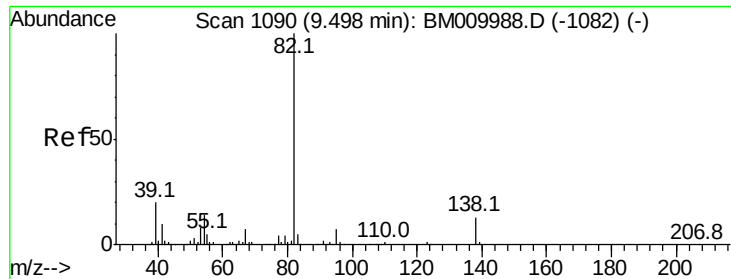
Tot Ion	Ratio	Lower	Upper
82	100		
128	25.3	32.8	49.2#
54	60.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 43.43 ng
 RT: 8.97 min Scan# 1000
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	26.7	32.6	49.0#
65	15.3	10.9	16.3





#25

Isophorone

Concen: 42.73 ng

RT: 9.49 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

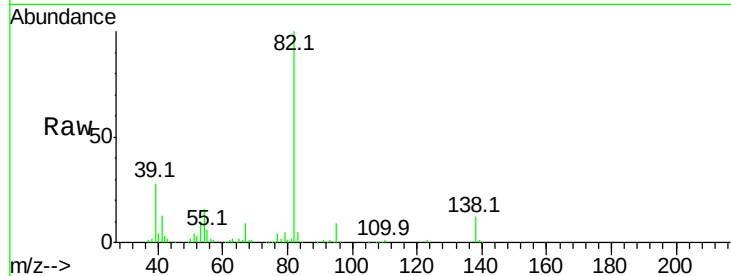
Tot Ion: 82 Resp: 350820

Ion Ratio Lower Upper

82 100

95 9.1 5.8 8.6#

138 12.0 16.3 24.5#

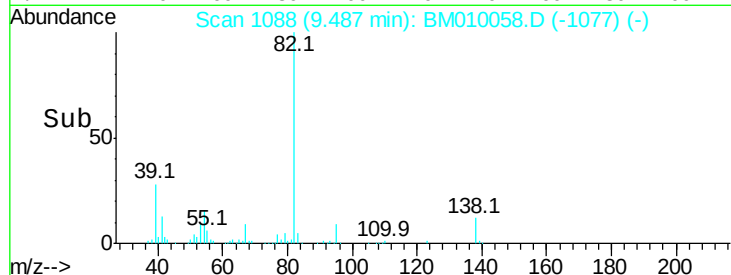


Abundance Ion 82.00 (81.70 to 82.70): BM010058.D (-1082) (-)

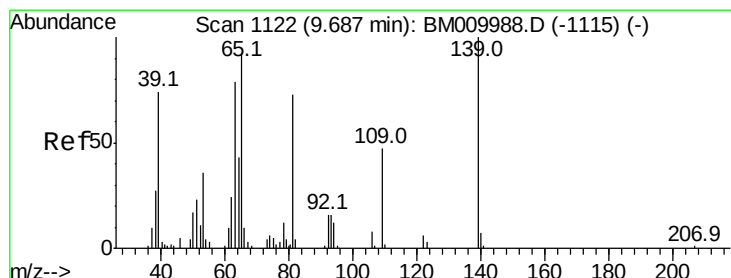
Ion 95.00 (94.70 to 95.70): BM010058.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM010058.D (-1082) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 40.04 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

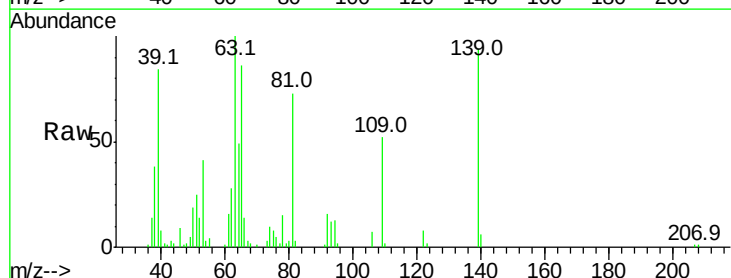
Tgt Ion: 139 Resp: 61217

Ion Ratio Lower Upper

139 100

109 55.3 20.1 30.1#

65 92.3 31.5 47.3#

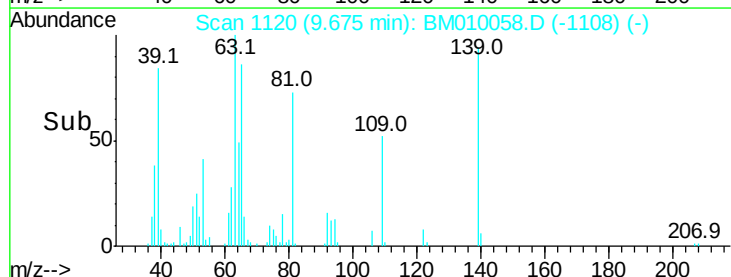


Abundance Ion 139.00 (138.70 to 139.70): BM010058.D (-1115) (-)

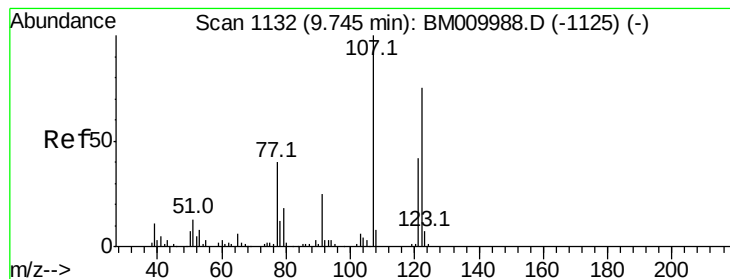
Ion 109.00 (108.70 to 109.70): BM010058.D (-1115) (-)

Ion 65.00 (64.70 to 65.70): BM010058.D (-1115) (-)

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 41.96 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

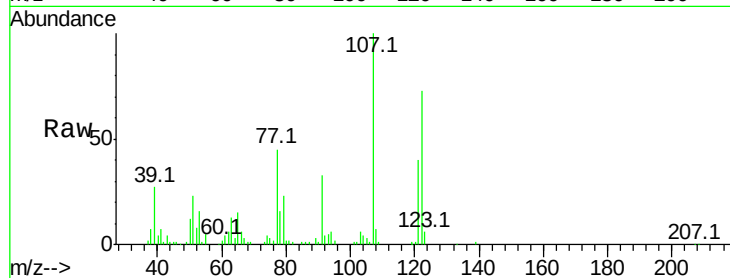
Tot Ion:122 Resp: 120068

Ion Ratio Lower Upper

122 100

107 137.5 84.7 127.1#

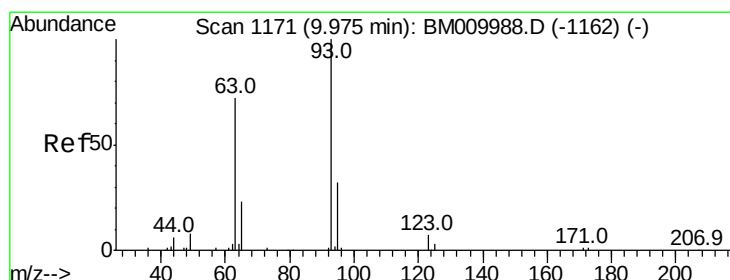
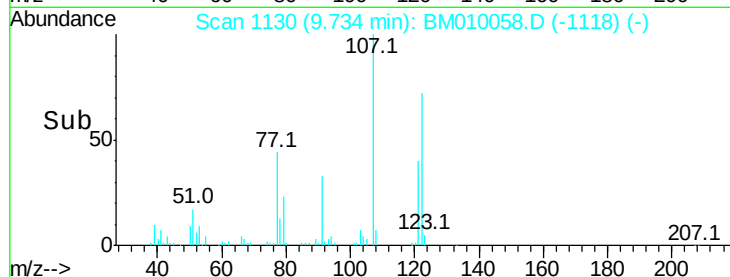
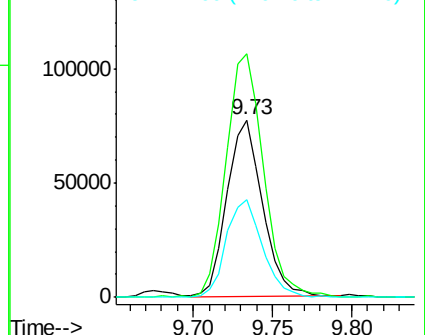
121 55.1 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.67 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

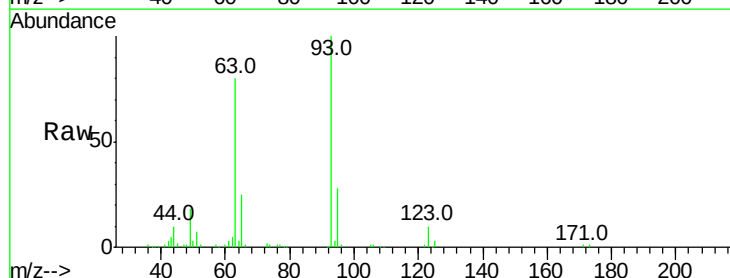
Tgt Ion: 93 Resp: 191265

Ion Ratio Lower Upper

93 100

95 28.0 25.5 38.3

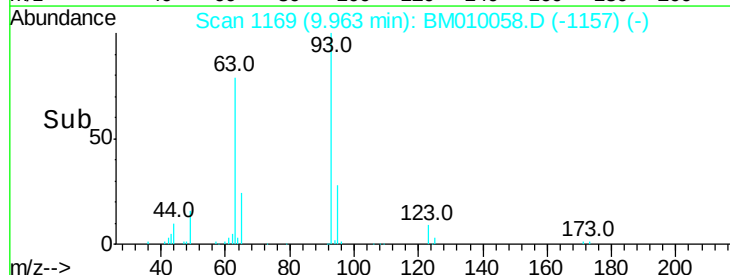
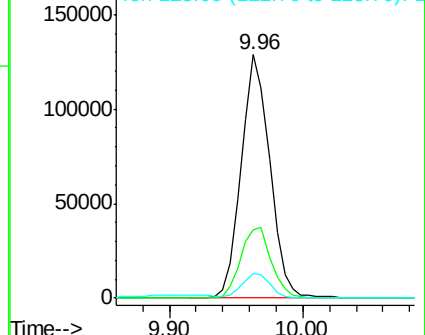
123 10.0 8.6 13.0

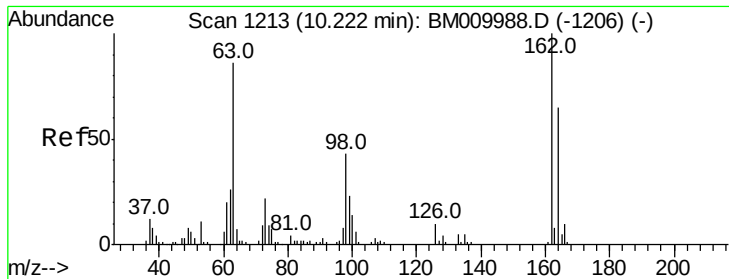


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.92 ng

RT: 10.21 min Scan# 1211

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

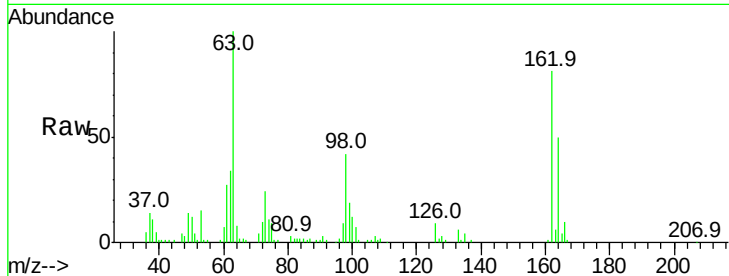
Tot Ion:162 Resp: 116729

Ion Ratio Lower Upper

162 100

164 61.9 42.8 82.8

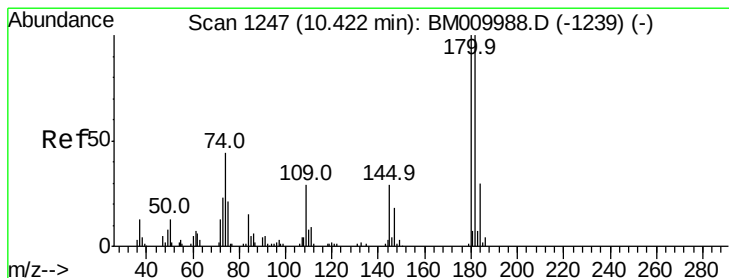
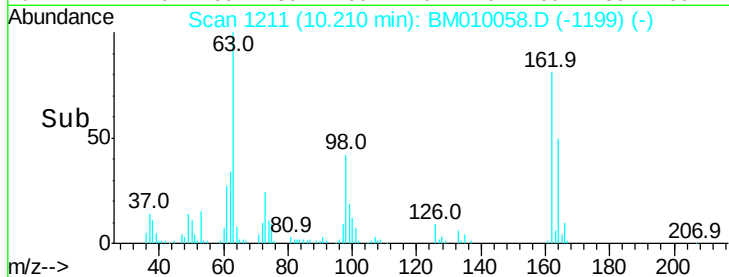
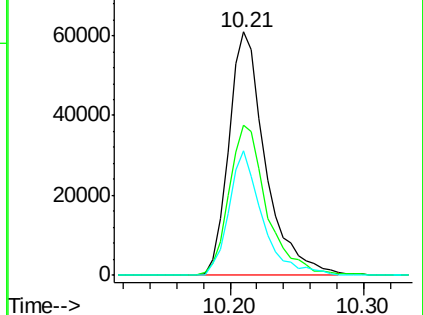
98 51.1 14.5 54.5



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 37.30 ng

RT: 10.41 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

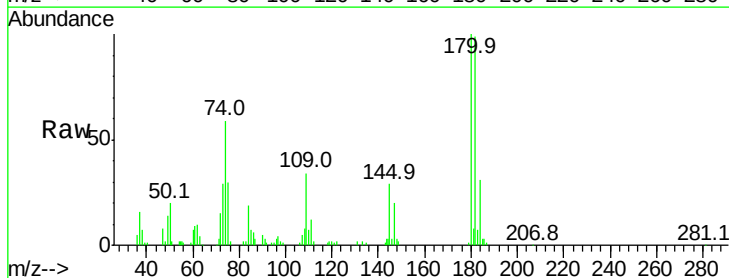
Tgt Ion:180 Resp: 121261

Ion Ratio Lower Upper

180 100

182 98.7 77.6 116.4

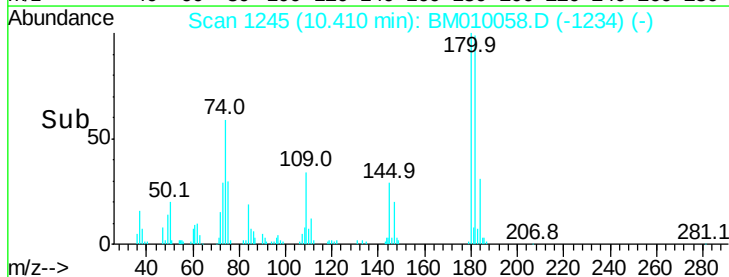
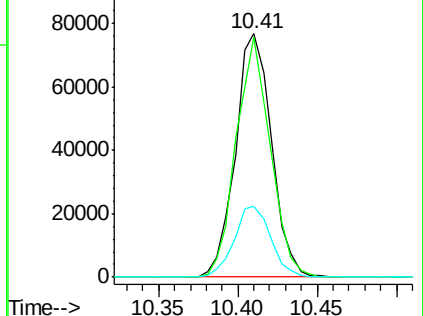
145 29.2 23.4 35.2

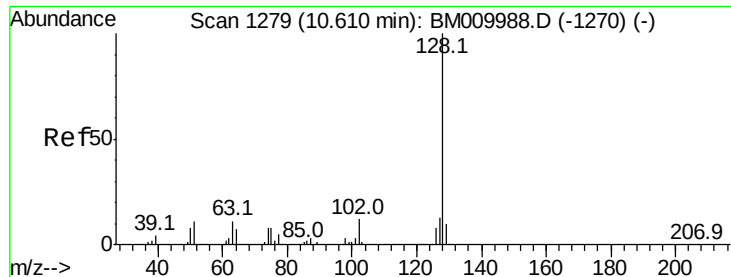


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

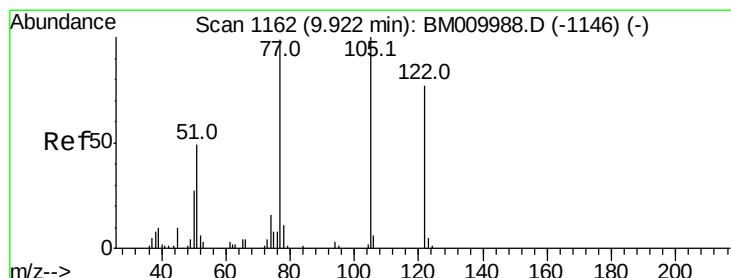
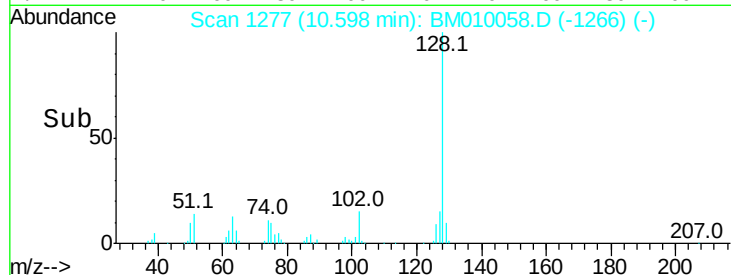
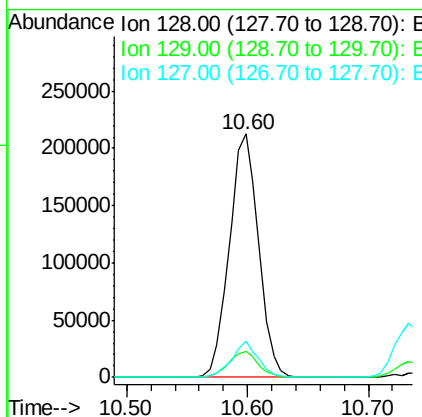
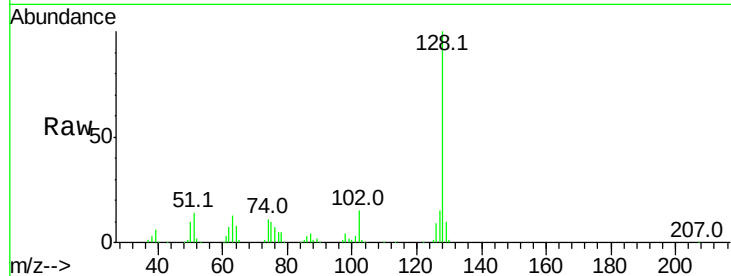




#31
Naphthalene
Concen: 37.16 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

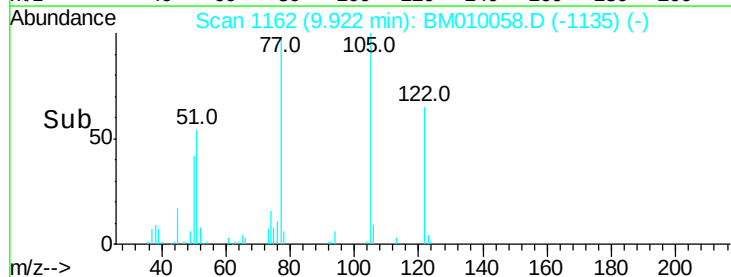
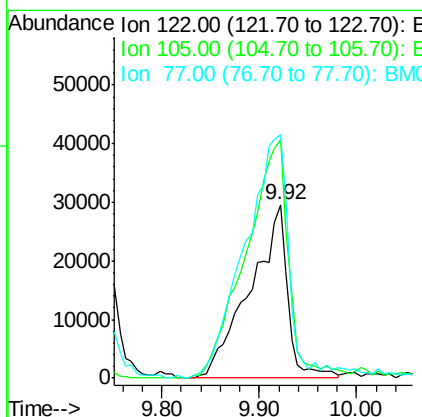
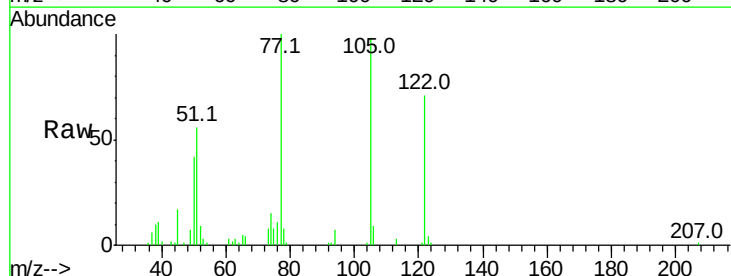
Instrument :
BNA_M
ClientSampleId :

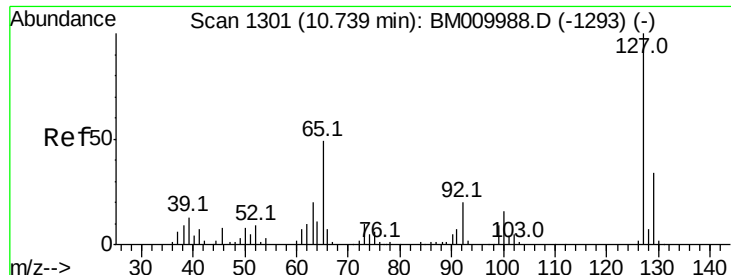
Tot Ion:128 Resp: 356676
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 14.8 10.4 15.6



#32
Benzoic acid
Concen: 41.62 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion:122 Resp: 79673
Ion Ratio Lower Upper
122 100
105 137.5 99.9 139.9
77 140.3 73.7 113.7#

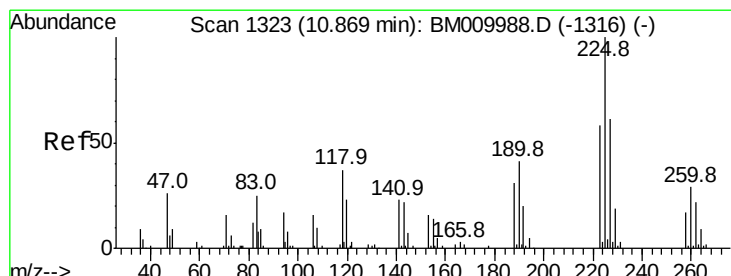
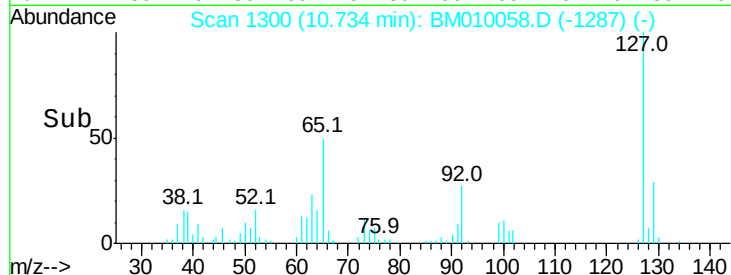
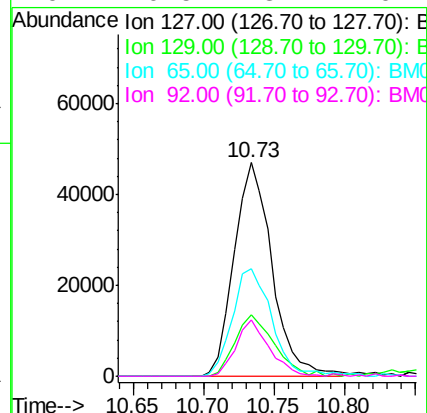
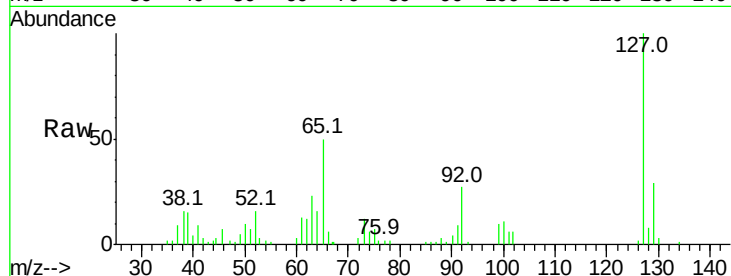




#33
4-Chloroaniline
Concen: 21.64 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

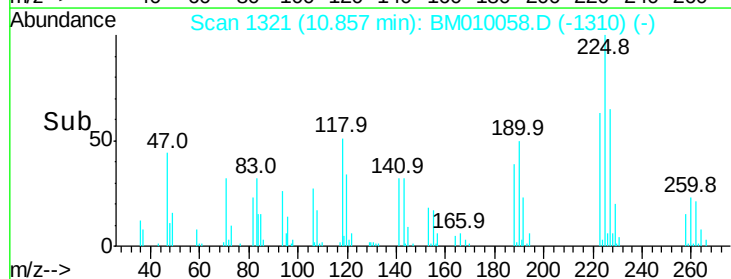
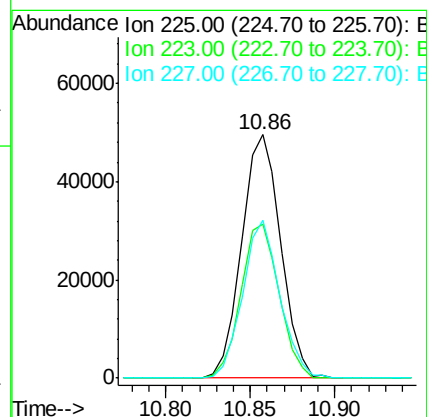
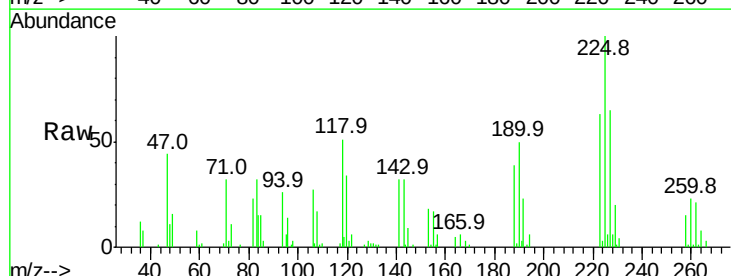
Instrument :
BNA_M
ClientSampleId :

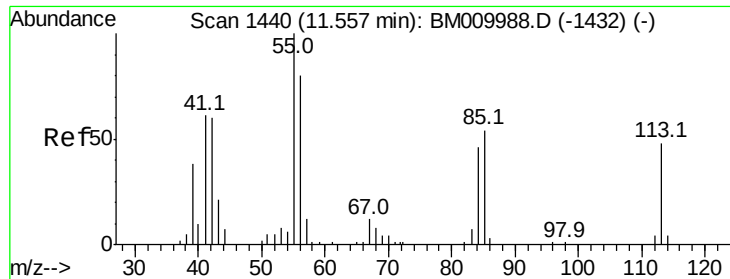
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.3	37.9
65	50.5	17.6	26.4
92	26.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 36.01 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.9	71.9
227	64.7	50.1	75.1

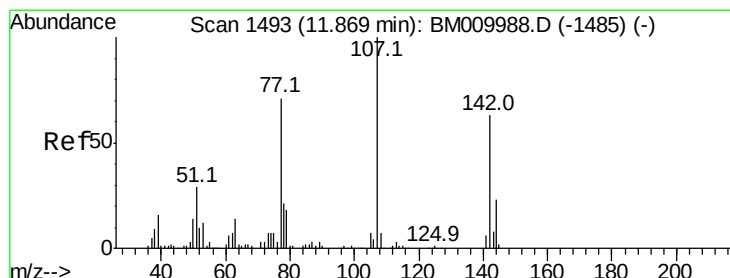
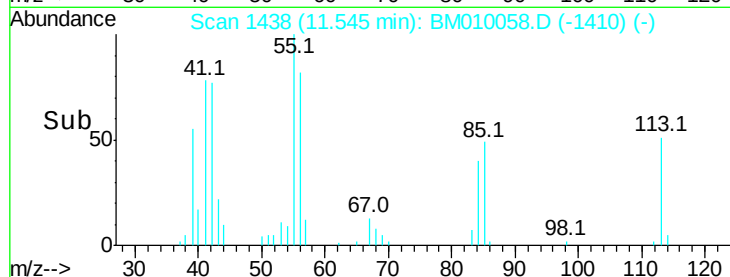
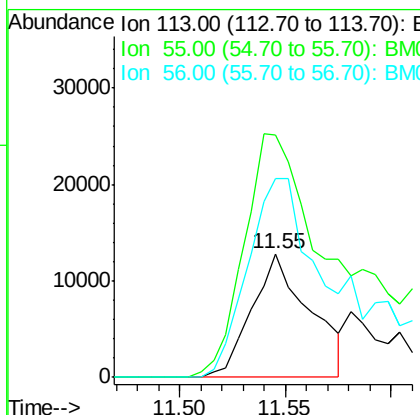
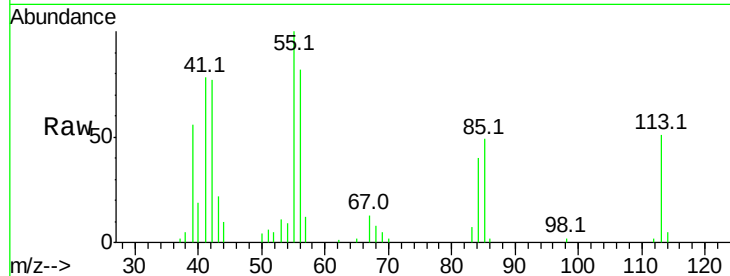




#35
 Caprolactam
 Concen: 22.48 ng
 RT: 11.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

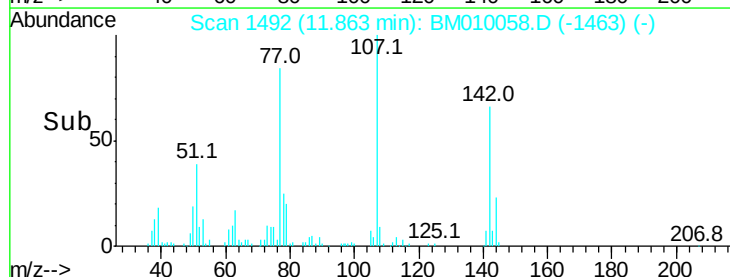
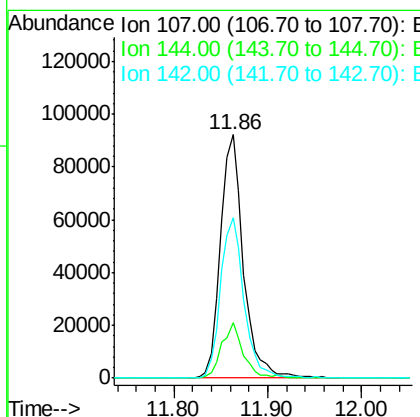
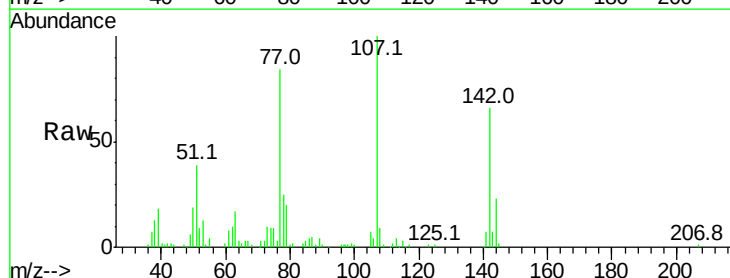
Instrument :
 BNA_M
 ClientSampled :

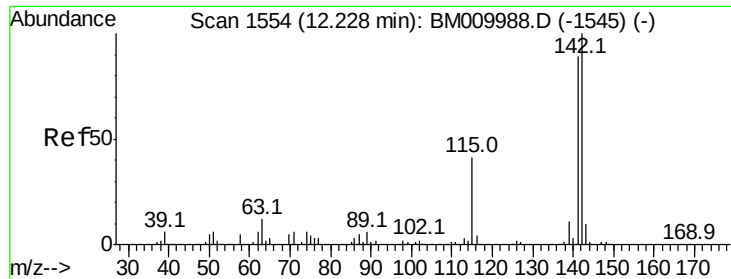
Tot Ion:113 Resp: 24456
 Ion Ratio Lower Upper
 113 100
 55 195.8 145.9 185.9#
 56 160.1 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.16 ng
 RT: 11.86 min Scan# 1492
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion:107 Resp: 156891
 Ion Ratio Lower Upper
 107 100
 144 23.0 23.3 34.9#
 142 66.0 72.6 109.0#

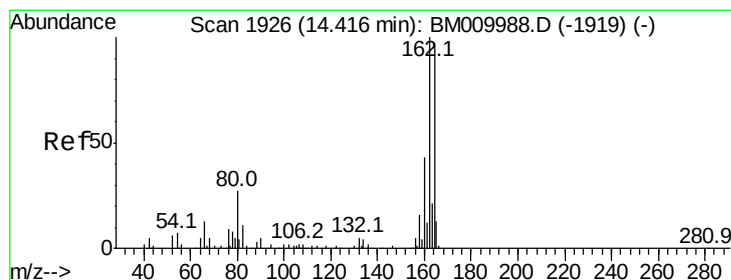
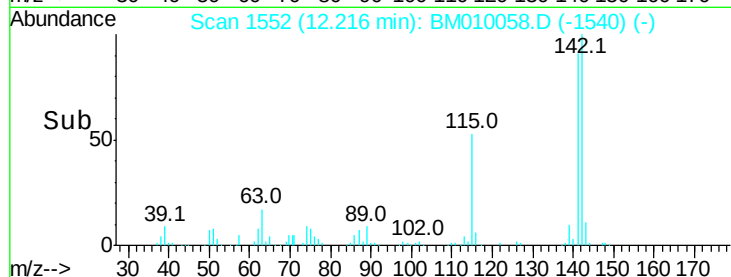
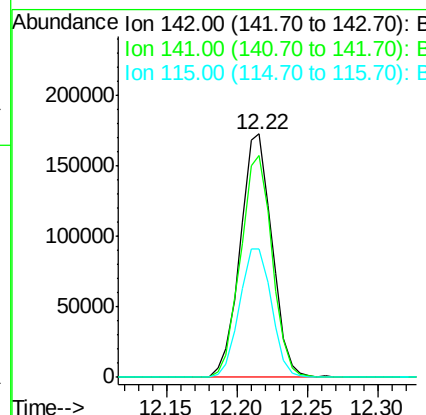
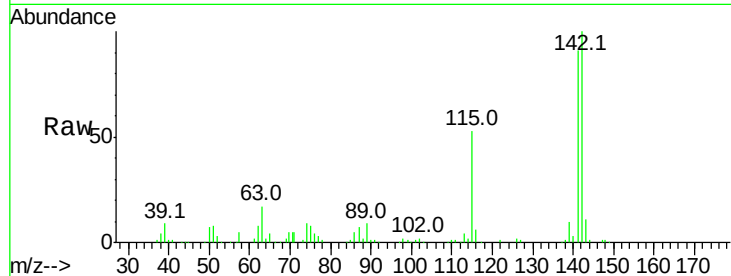




#37
2-Methylnaphthalene
Concen: 39.54 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

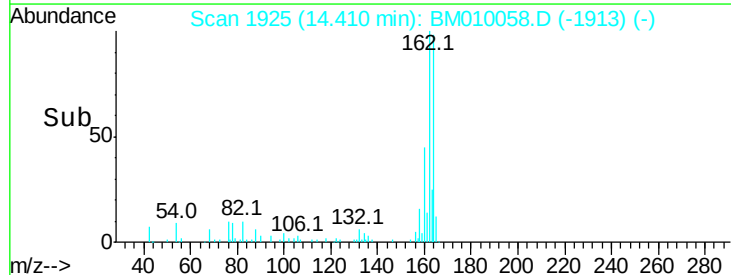
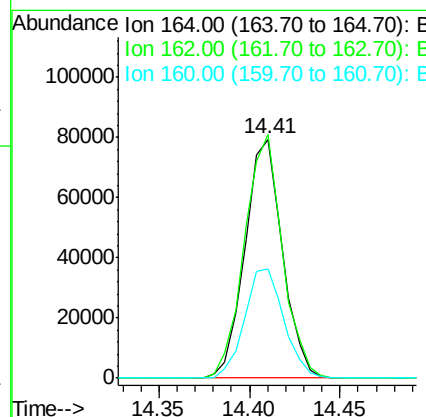
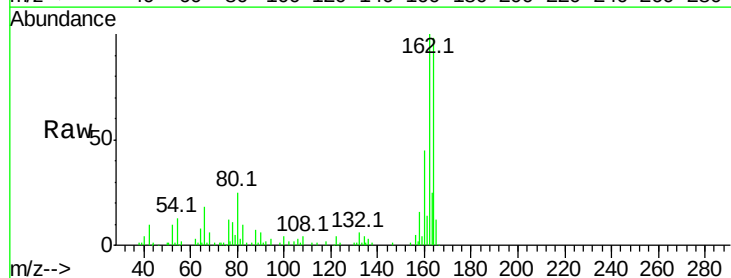
Instrument :
BNA_M
ClientSampled :

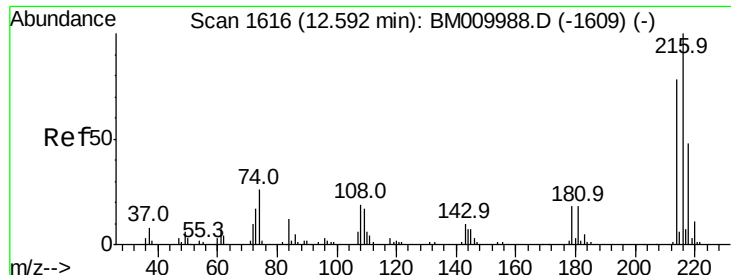
Tot Ion:142 Resp: 271700
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
115 52.5 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion:164 Resp: 114098
Ion Ratio Lower Upper
164 100
162 102.0 82.4 123.6
160 45.6 35.8 53.6

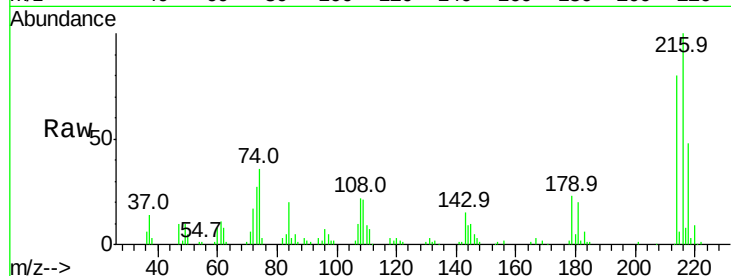




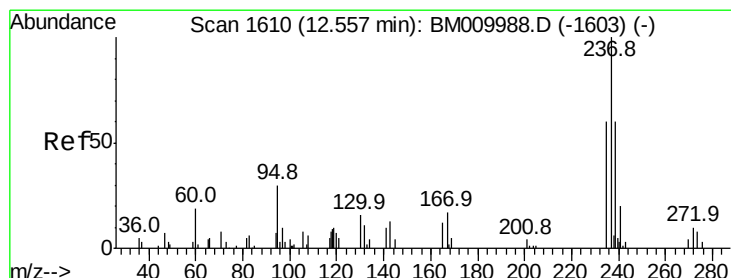
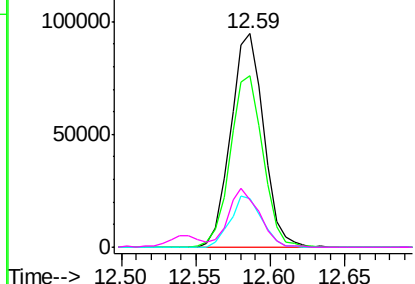
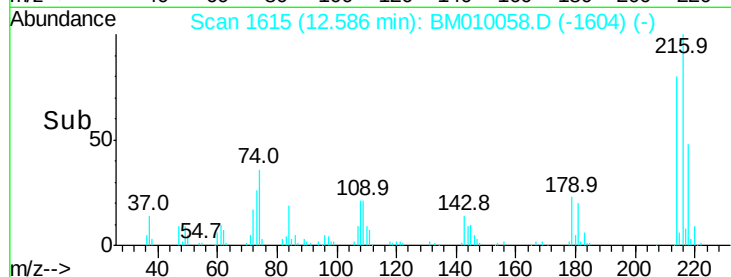
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.03 ng
 RT: 12.59 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	145476
Ion	Ratio	Lower	Upper
216	100		
214	79.9	0.0	0.0#
179	23.1	0.0	0.0#
108	26.0	0.0	0.0#

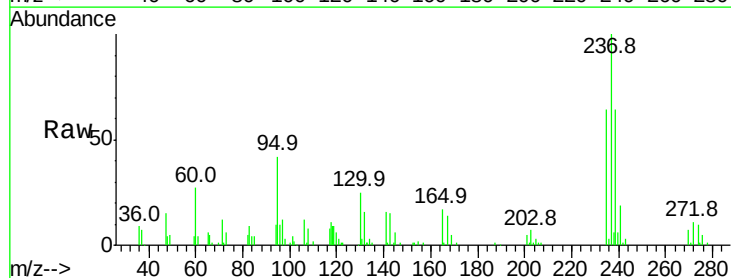


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

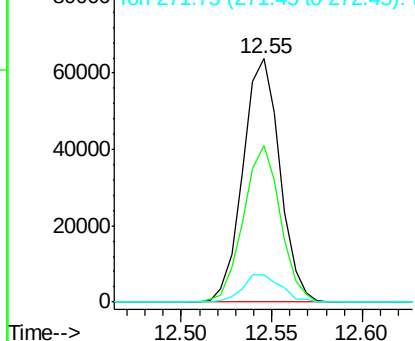
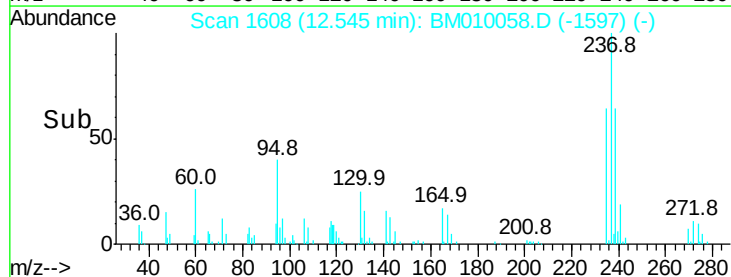


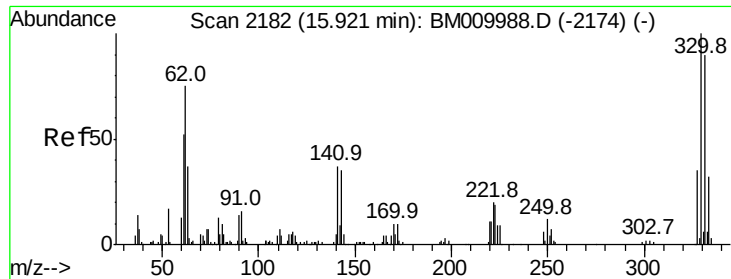
#40
 Hexachlorocyclopentadiene
 Concen: 83.40 ng
 RT: 12.55 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion:	237	Resp:	90542
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.0	82.0
272	11.1	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.91 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

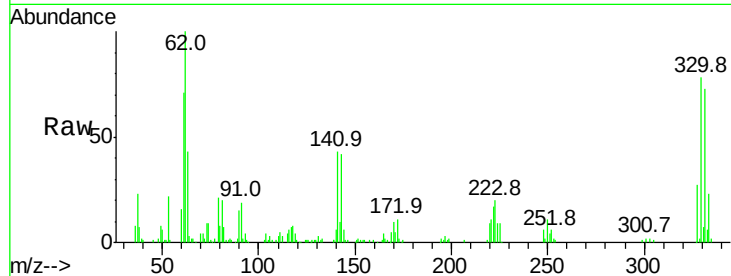
Tot Ion:330 Resp: 131031

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

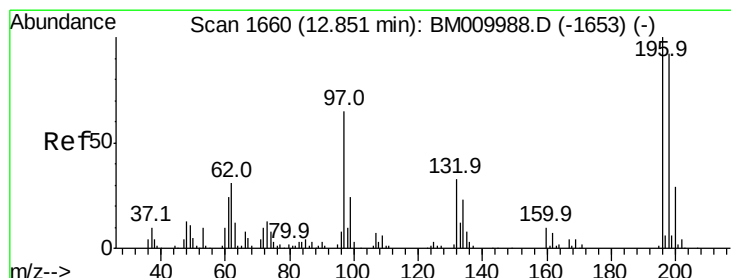
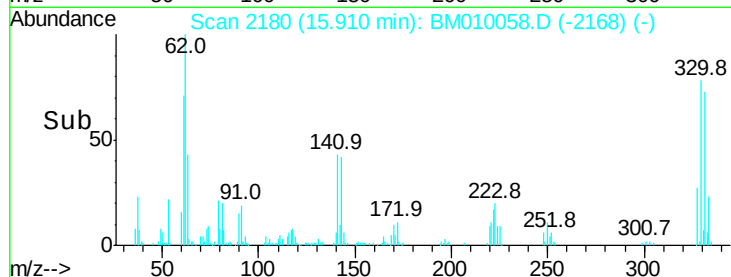
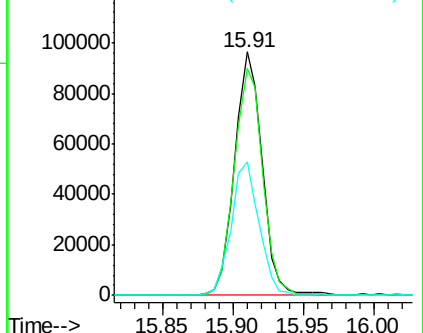
141 55.7 0.0 0.0#



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: 38.98 ng

RT: 12.84 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

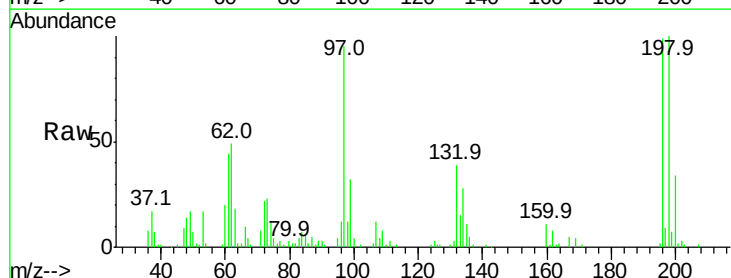
Tgt Ion:196 Resp: 99665

Ion Ratio Lower Upper

196 100

198 100.7 76.3 114.5

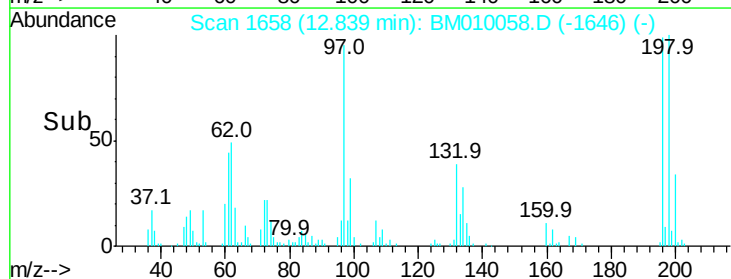
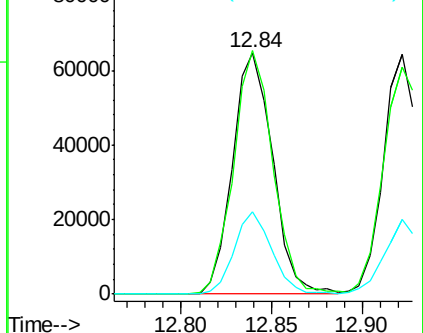
200 33.9 25.6 38.4

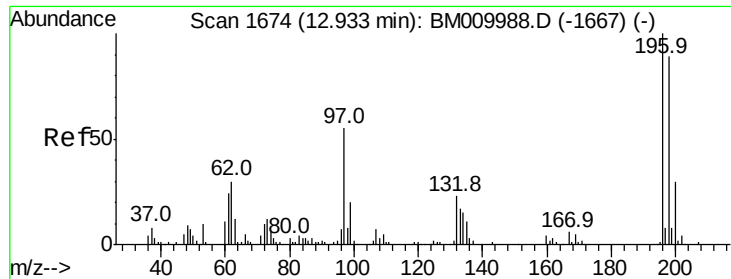


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

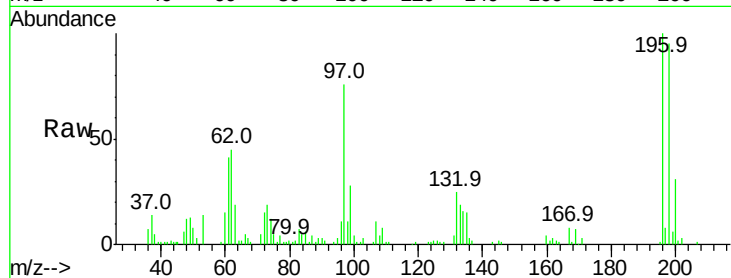




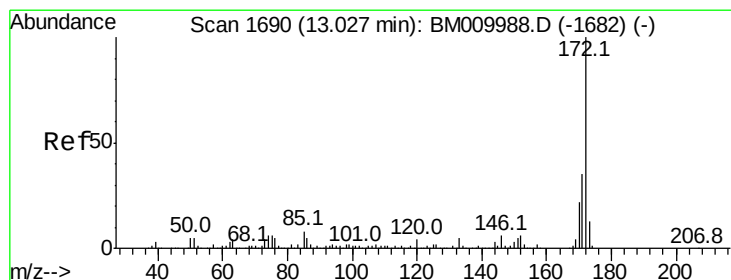
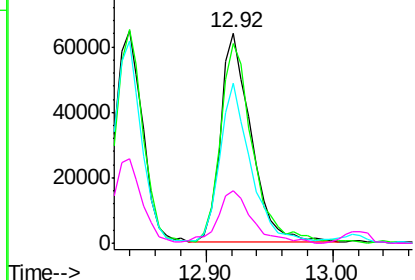
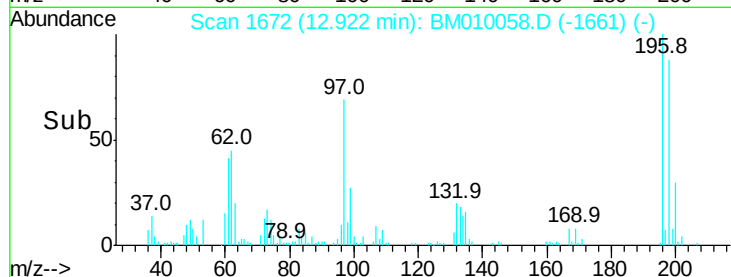
#43
 2,4,5-Trichlorophenol
 Concen: 38.30 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.4	119.0
97	76.0	26.8	40.2
132	25.2	18.6	28.0

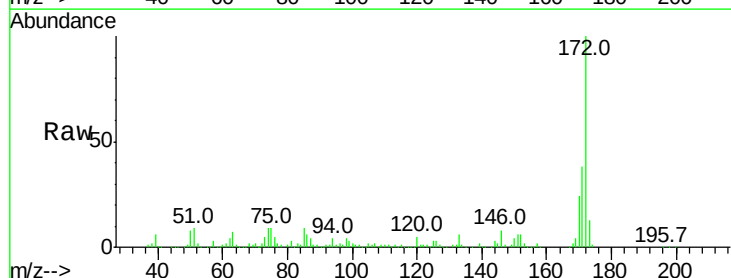


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

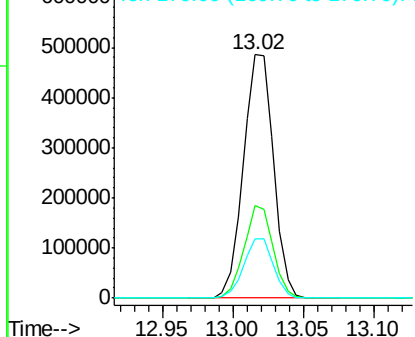
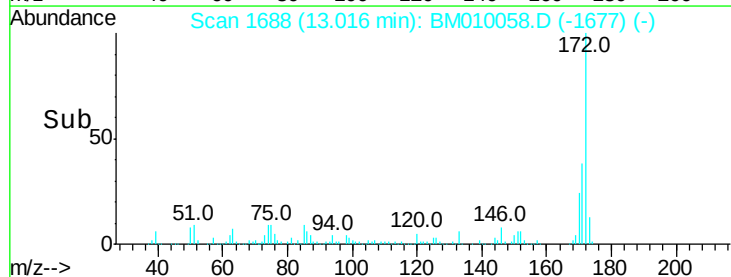


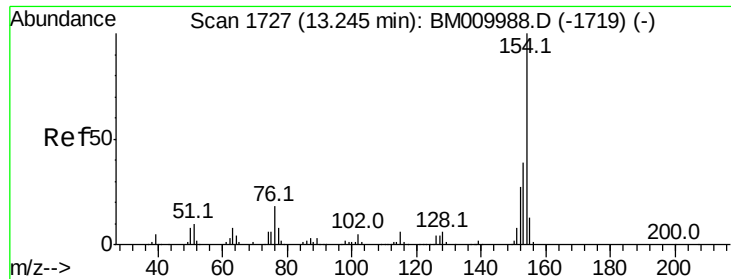
#44
 2-Fluorobiphenyl
 Concen: 85.08 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.5	42.7
170	24.2	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

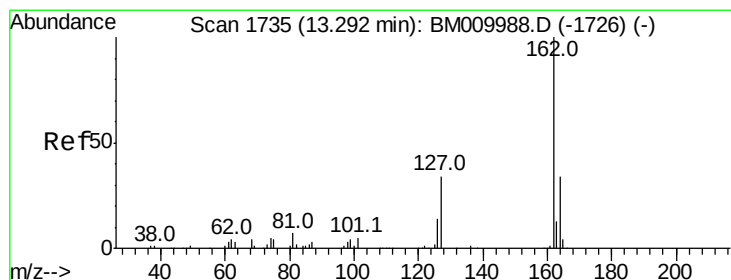
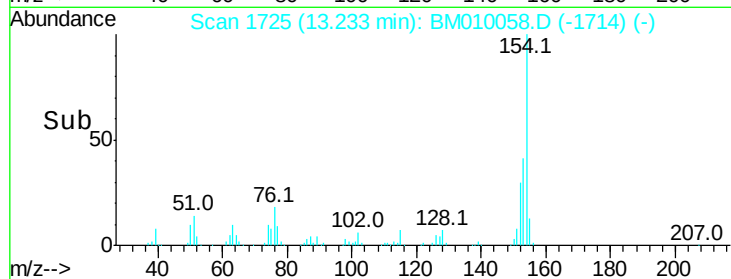
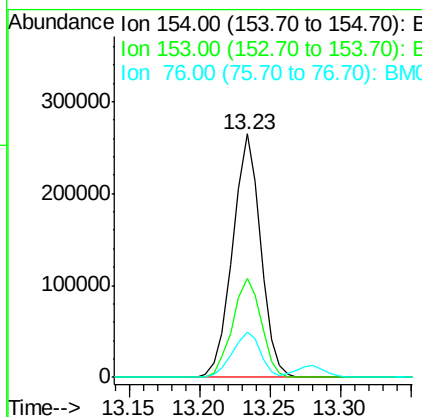
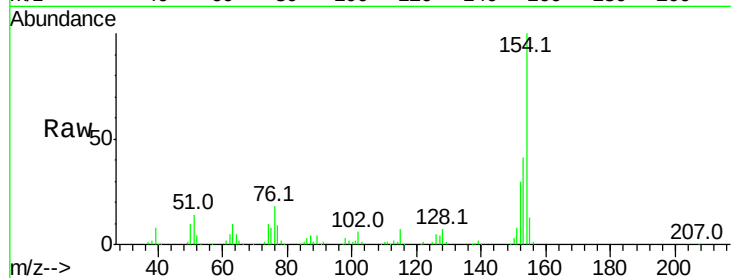




#45
 1,1'-Biphenyl
 Concen: 38.55 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

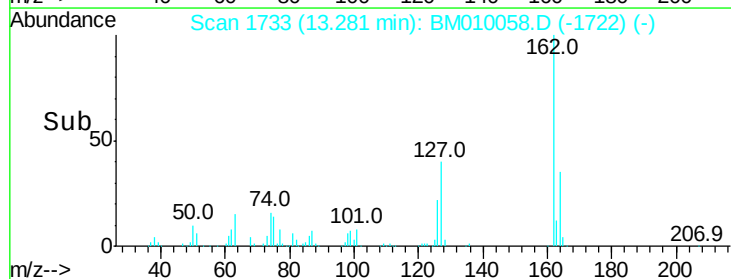
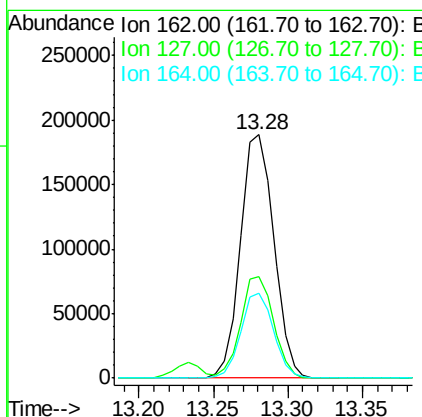
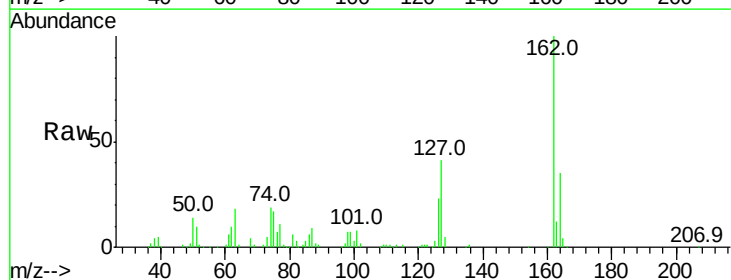
Instrument :
 BNA_M
 ClientSampleId :

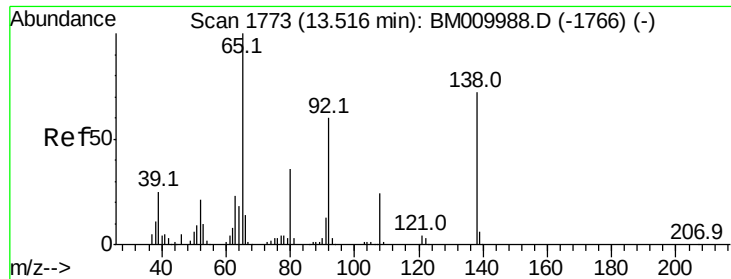
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	18.4	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 39.30 ng
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	26.9	40.3#
164	34.9	26.8	40.2

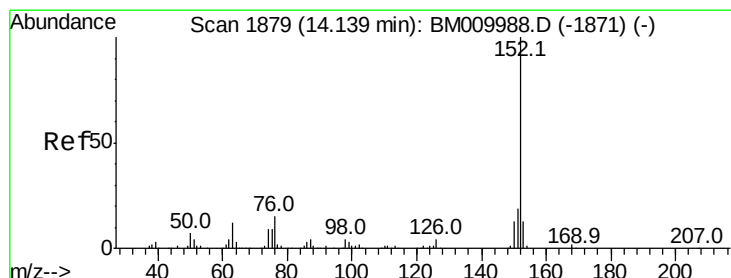
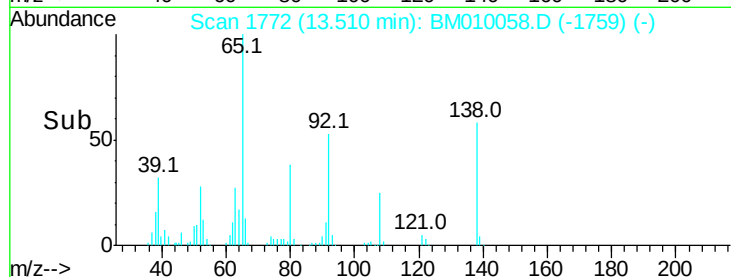
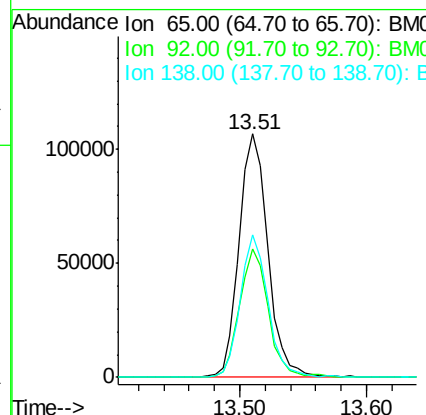
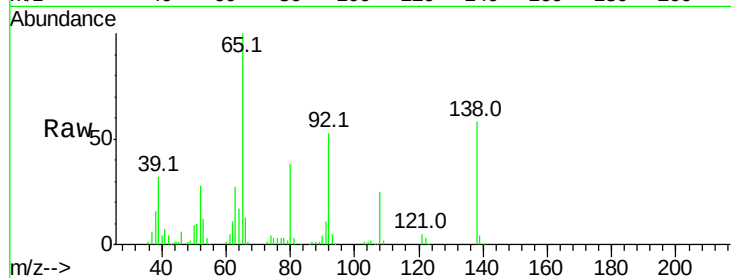




#47
2-Nitroaniline
Concen: 49.54 ng
RT: 13.51 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

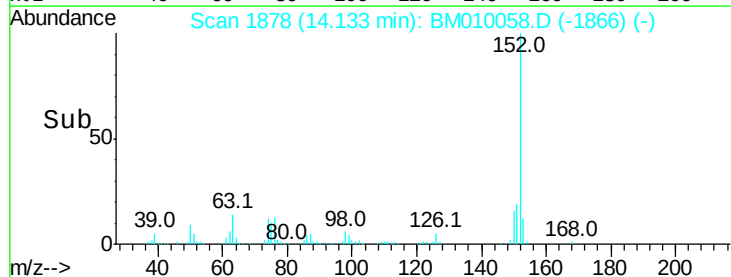
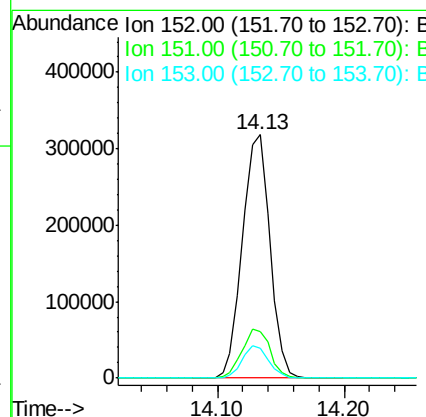
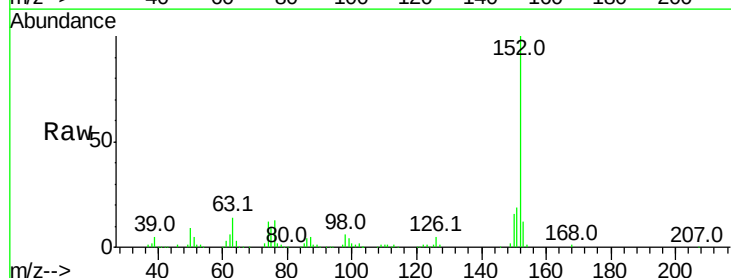
Instrument :
BNA_M
ClientSampled :

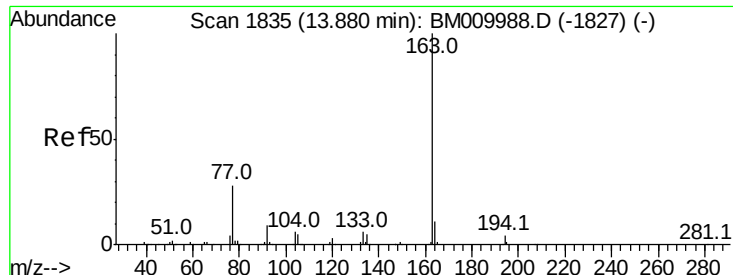
Tot Ion	Ratio	Lower	Upper
65	100		
92	52.8	59.1	88.7#
138	58.3	93.9	140.9#



#48
Acenaphthylene
Concen: 40.76 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	12.3	10.6	16.0

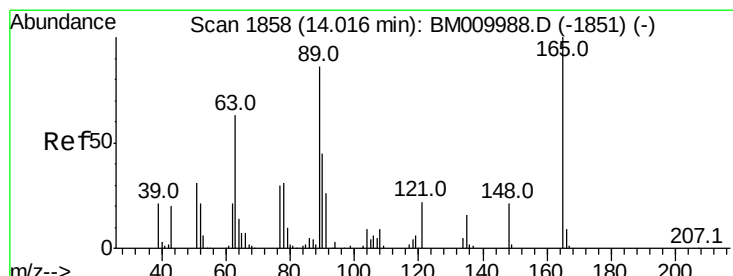
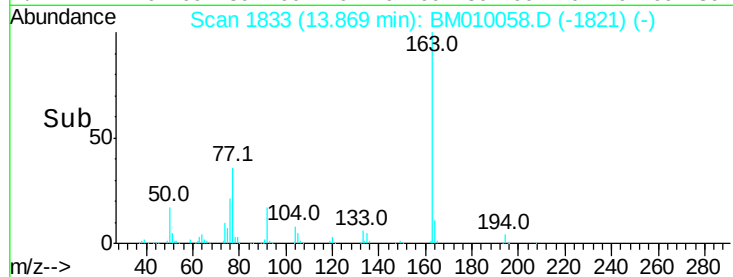
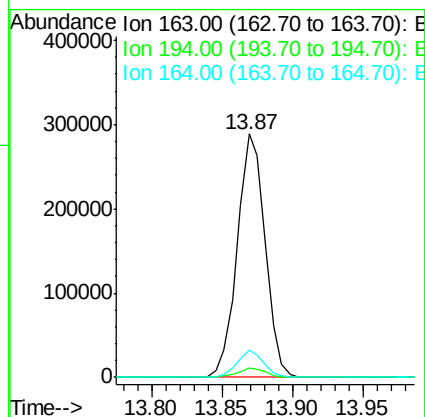
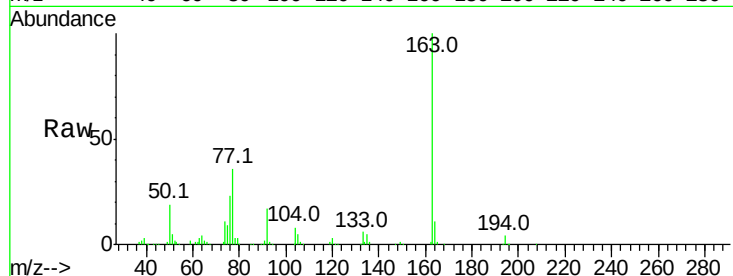




#49
Dimethylphthalate
Concen: 39.48 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

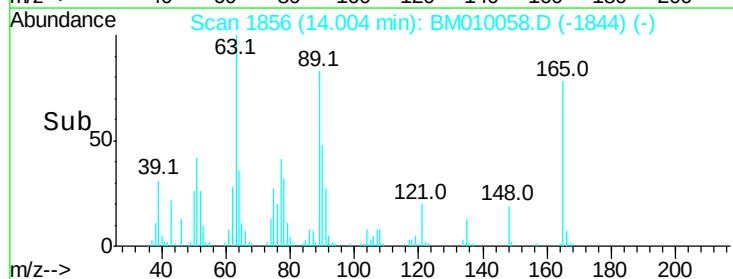
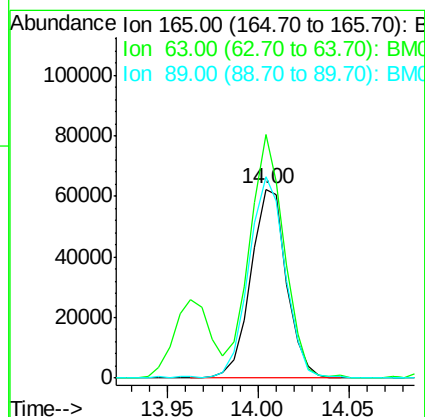
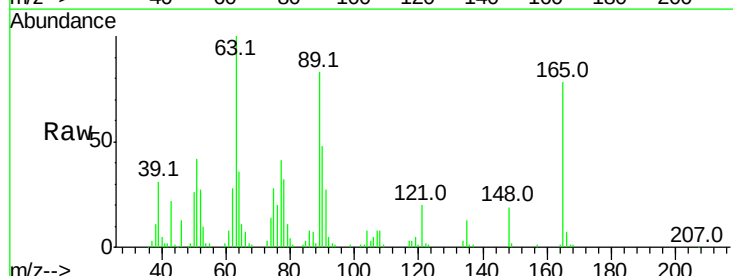
Instrument :
BNA_M
ClientSampleId :

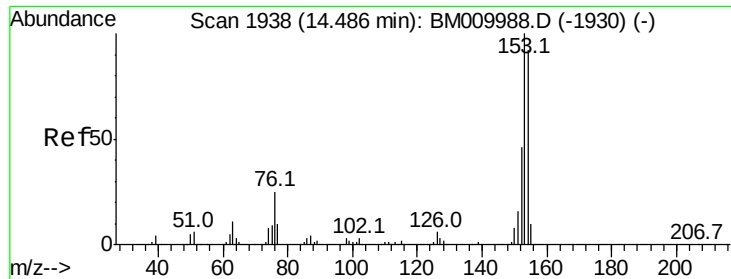
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.2	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 41.83 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	128.8	44.1	66.1#
89	106.3	44.3	66.5#





#51

Acenaphthene

Concen: 40.46 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

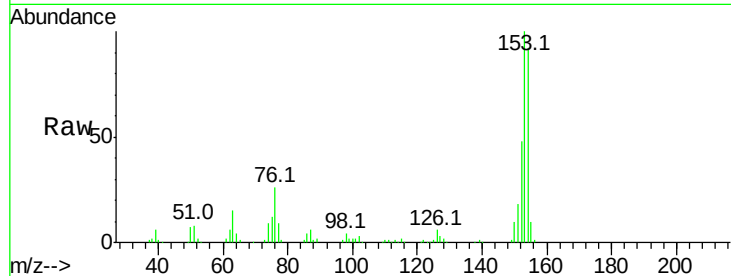
Tot Ion:154 Resp: 299615

Ion Ratio Lower Upper

154 100

153 109.2 90.0 135.0

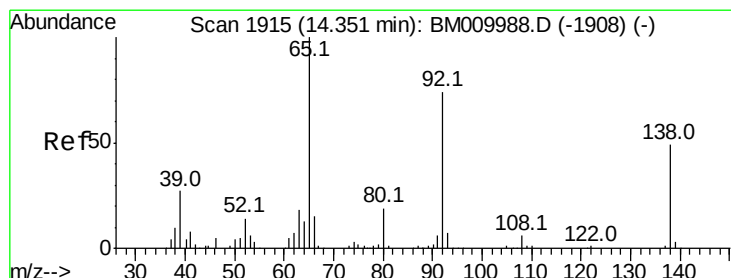
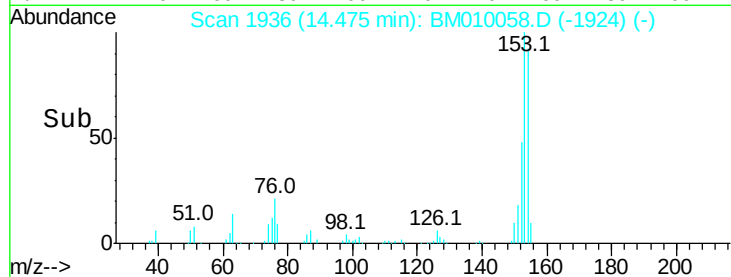
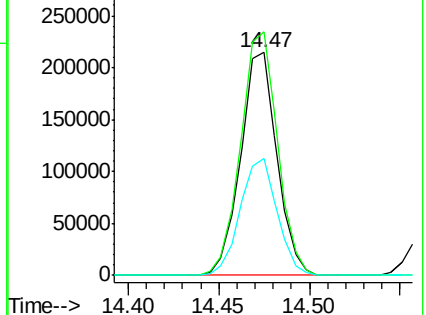
152 52.3 42.6 63.8



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: 33.90 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

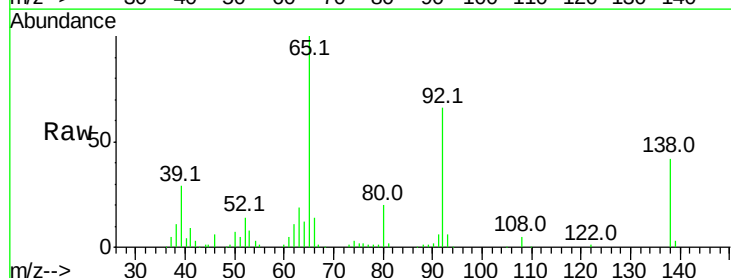
Tgt Ion:138 Resp: 73383

Ion Ratio Lower Upper

138 100

108 11.0 7.3 10.9#

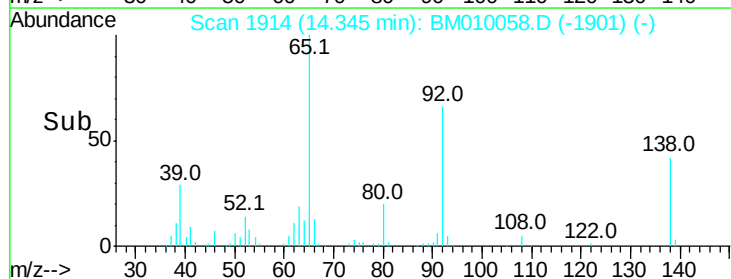
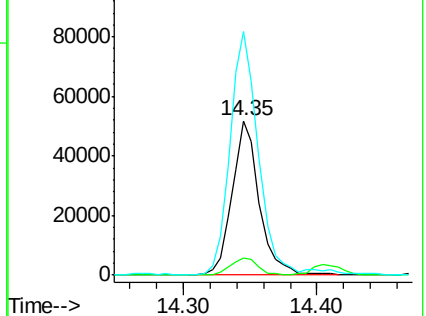
92 157.7 76.6 114.8#

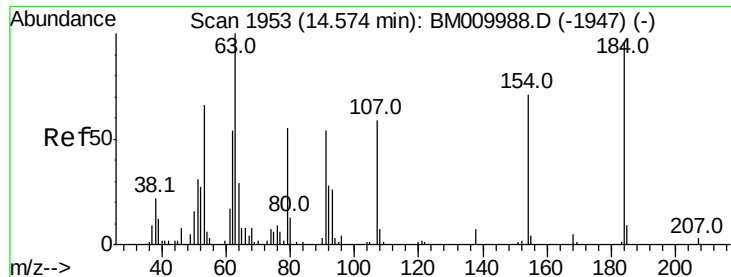


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

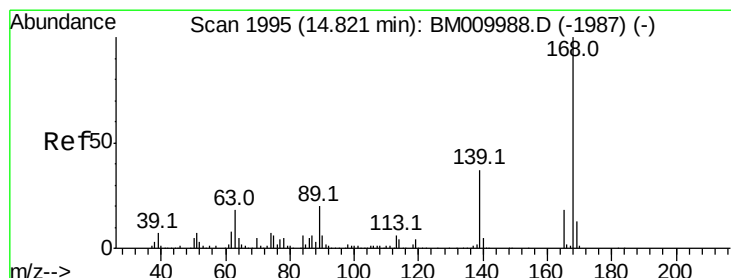
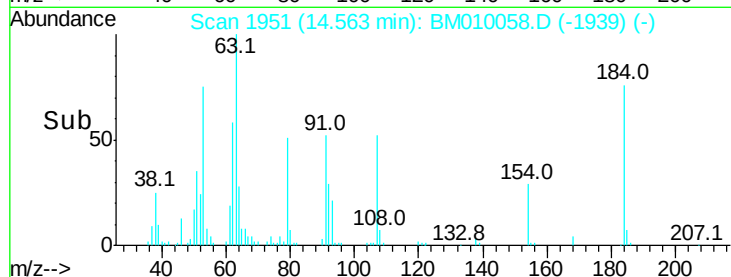
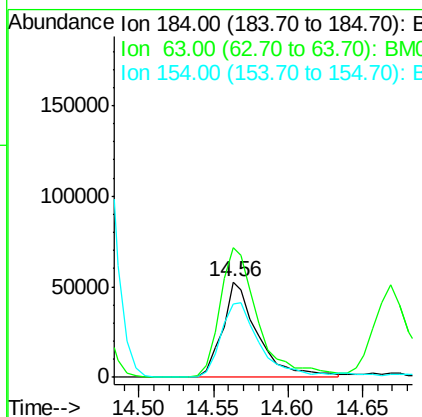
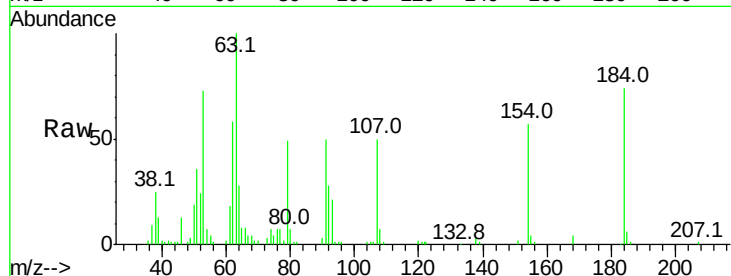




#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 14.56 min Scan# 1951
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

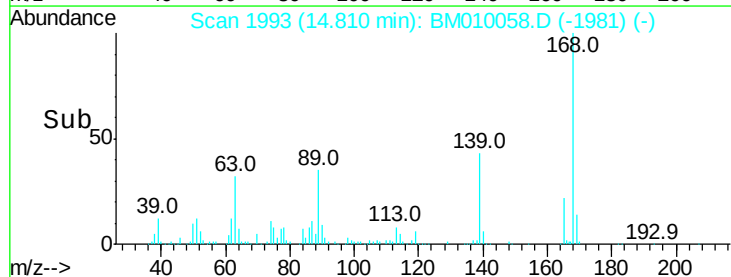
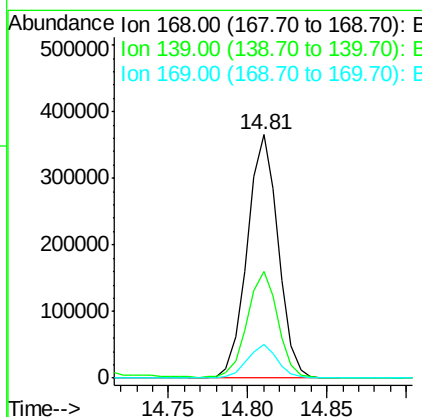
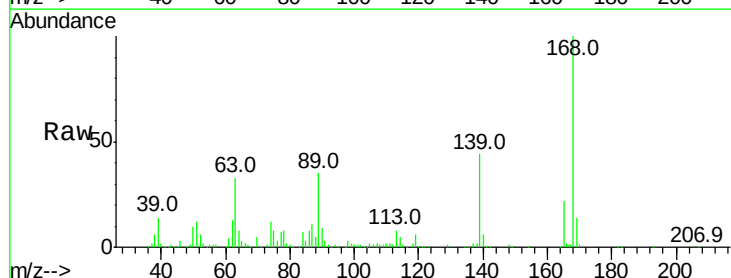
Instrument :
BNA_M
ClientSampleId :

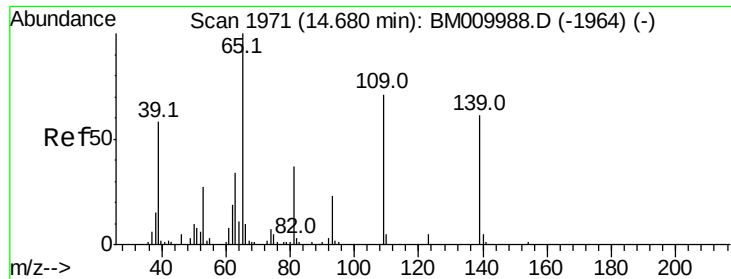
Tot Ion:184 Resp: 88037
Ion Ratio Lower Upper
184 100
63 135.7 69.2 103.8#
154 76.9 53.3 79.9



#54
Dibenzofuran
Concen: 43.71 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion:168 Resp: 495855
Ion Ratio Lower Upper
168 100
139 43.7 27.3 40.9#
169 14.0 10.6 16.0

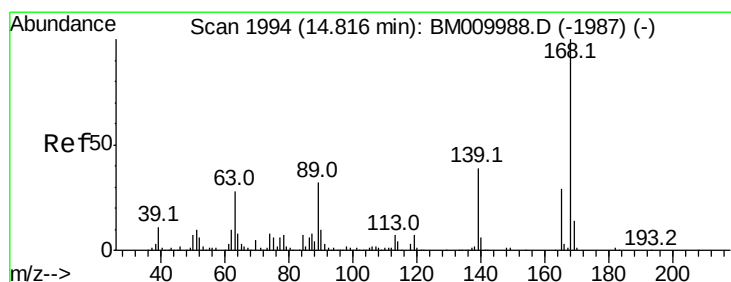
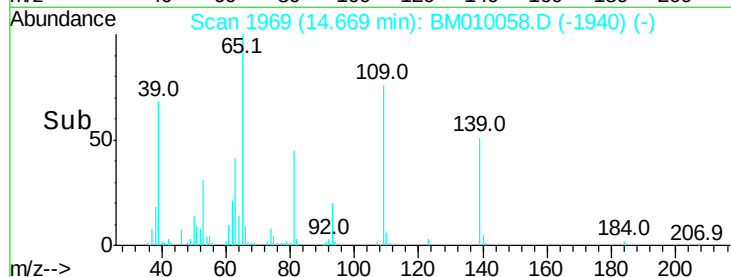
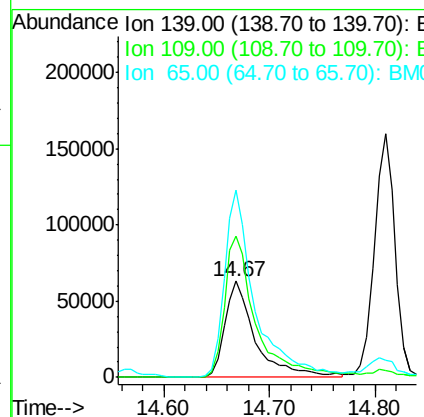
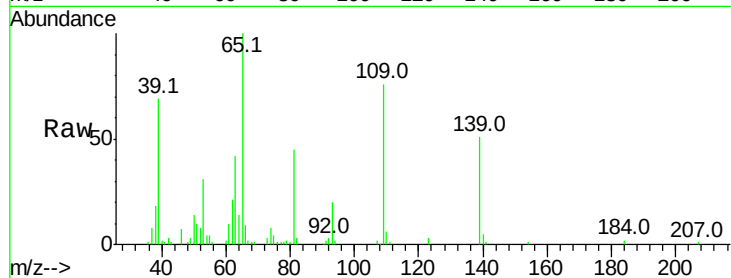




#55
4-Nitrophenol
Concen: 87.43 ng
RT: 14.67 min Scan# 1969
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

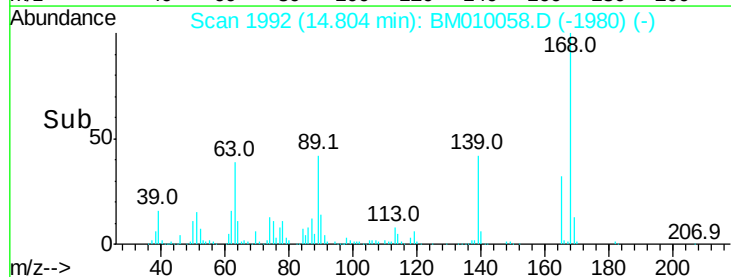
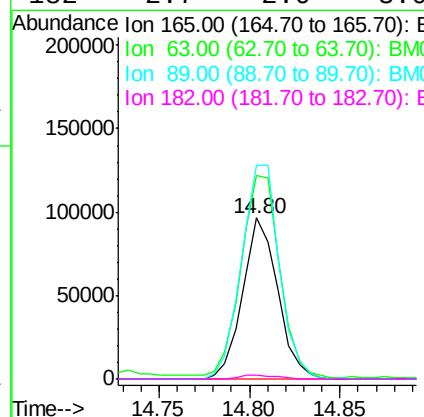
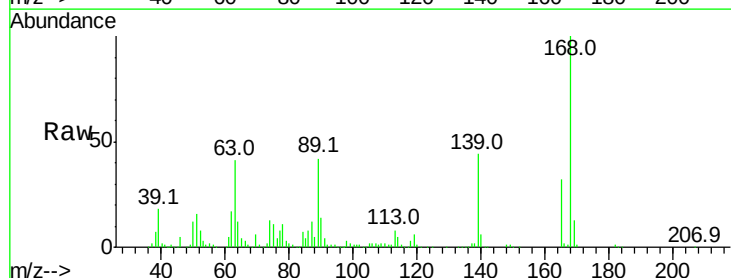
Instrument :
BNA_M
ClientSampleId :

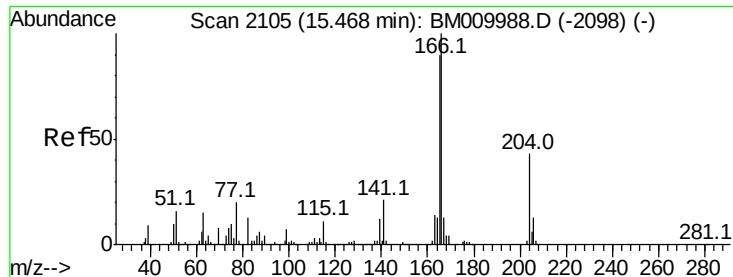
Tot Ion:139 Resp: 126716
Ion Ratio Lower Upper
139 100
109 147.1 37.7 77.7#
65 194.8 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 43.26 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion:165 Resp: 130442
Ion Ratio Lower Upper
165 100
63 126.6 52.4 78.6#
89 132.5 72.4 108.6#
182 2.7 2.0 3.0

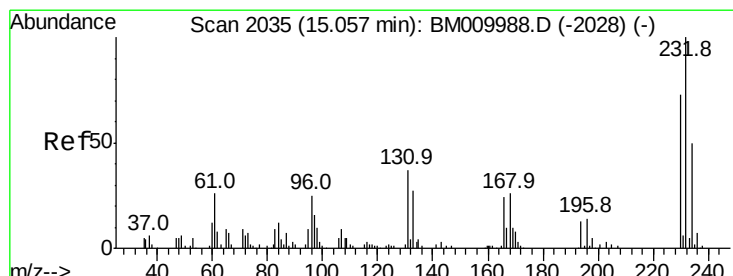
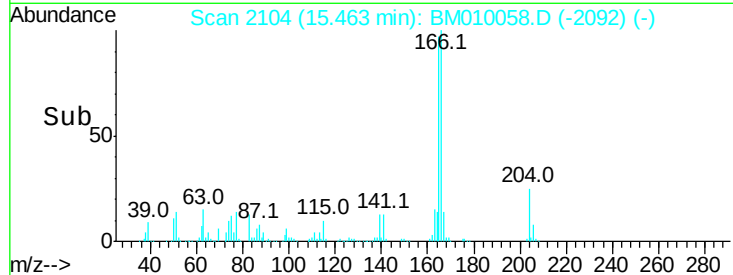
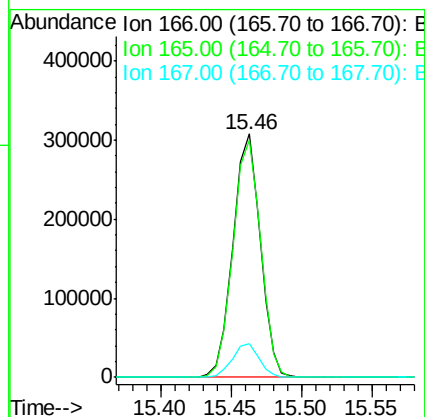
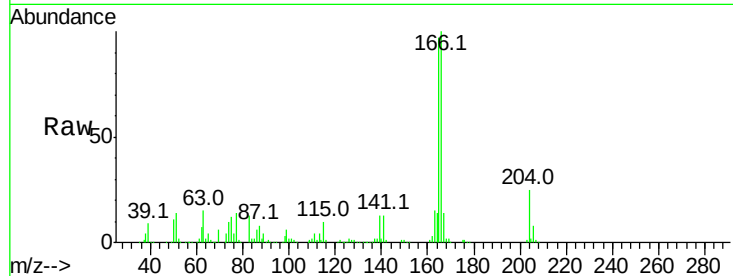




#57
 Fluorene
 Concen: 41.62 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

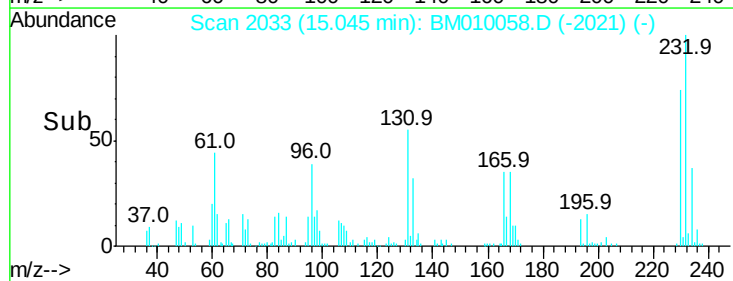
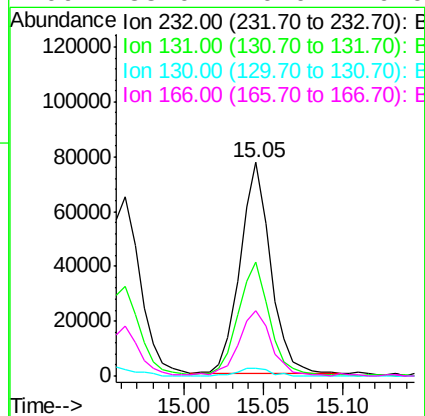
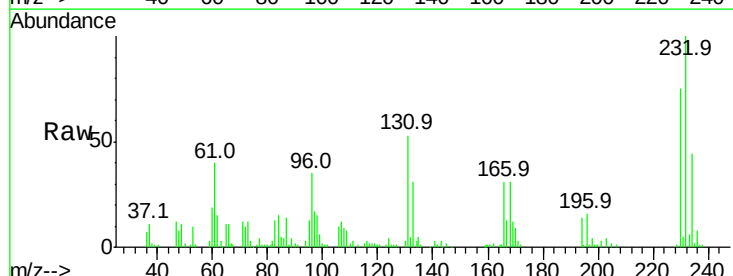
Instrument :
 BNA_M
 ClientSampleId :

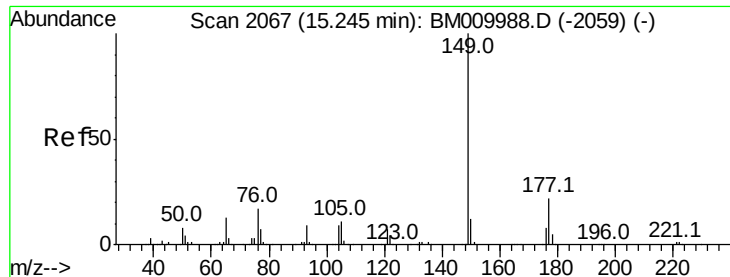
Tot Ion:166 Resp: 416253
 Ion Ratio Lower Upper
 166 100
 165 97.2 79.0 118.4
 167 13.6 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.18 ng
 RT: 15.05 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion:232 Resp: 103597
 Ion Ratio Lower Upper
 232 100
 131 55.6 0.0 0.0#
 130 4.0 0.0 0.0#
 166 33.0 0.0 0.0#

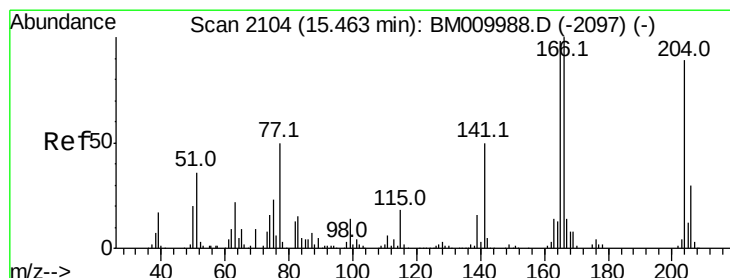
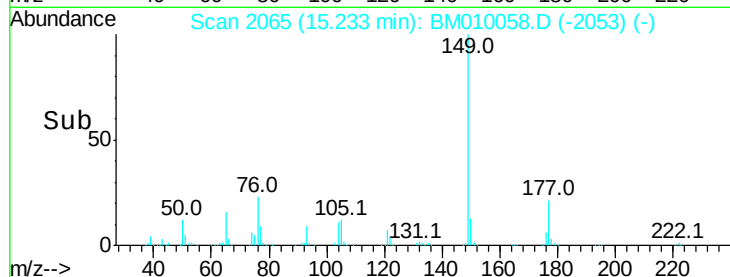
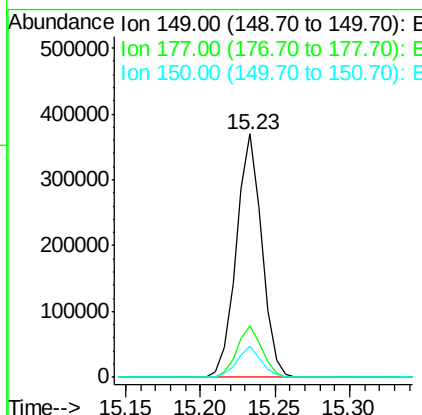
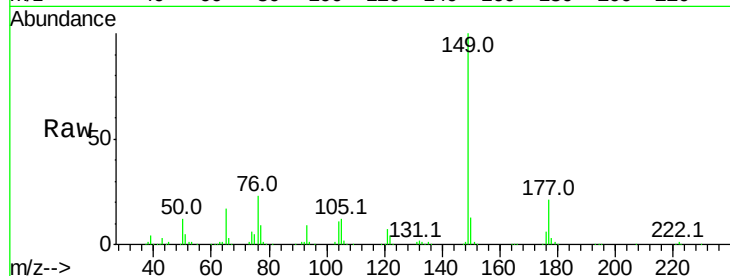




#59
Diethylphthalate
Concen: 41.66 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

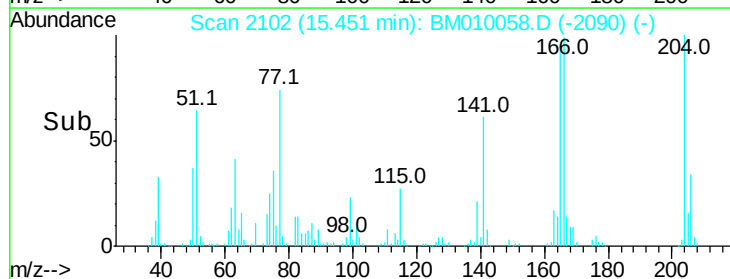
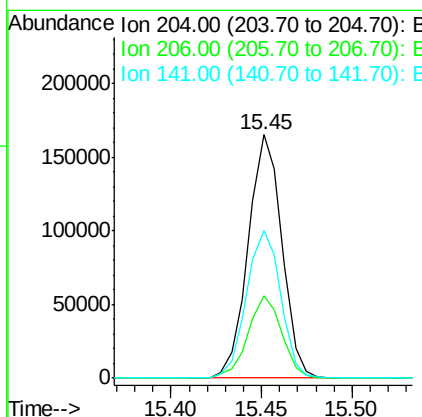
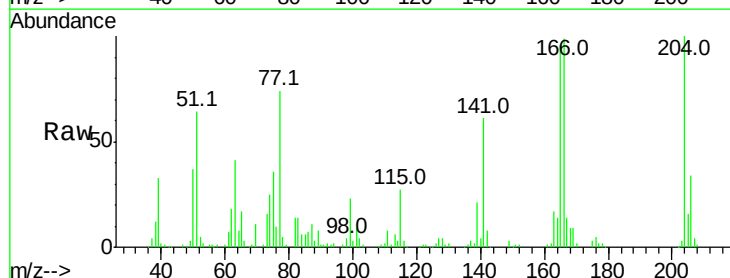
Instrument :
BNA_M
ClientSampled :

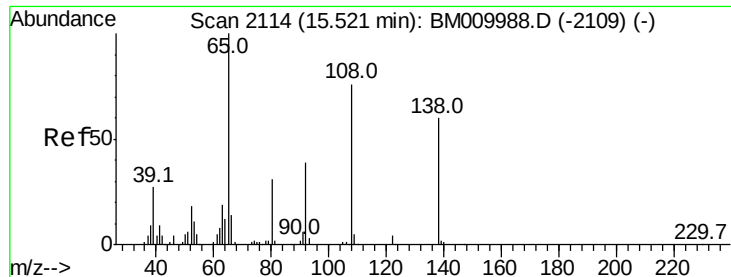
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.3	27.5
150	12.7	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.01 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	60.7	45.2	67.8

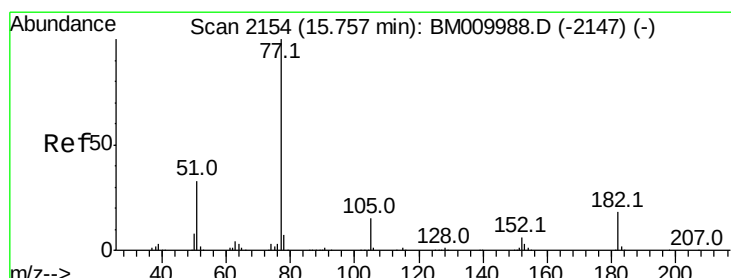
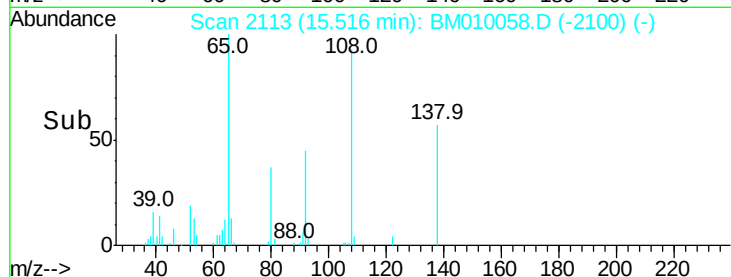
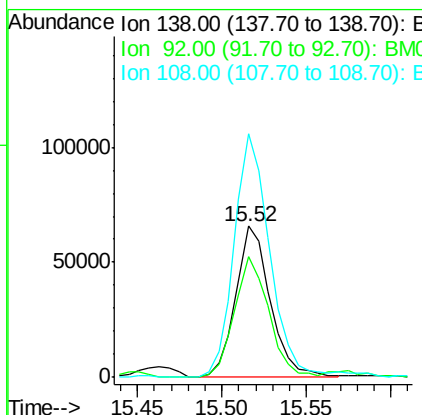
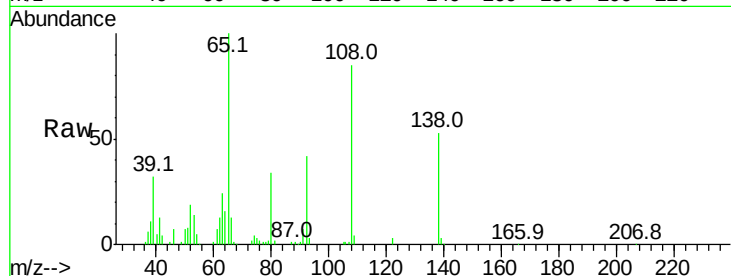




#61
4-Nitroaniline
Concen: 42.75 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

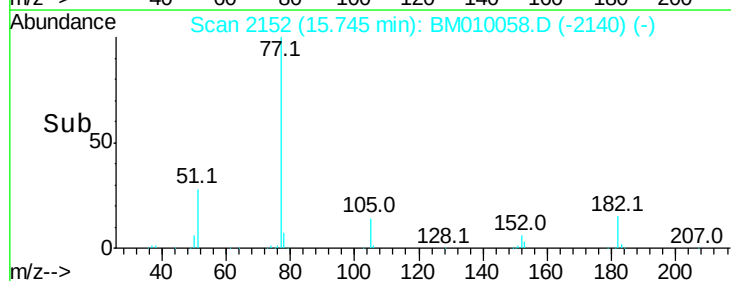
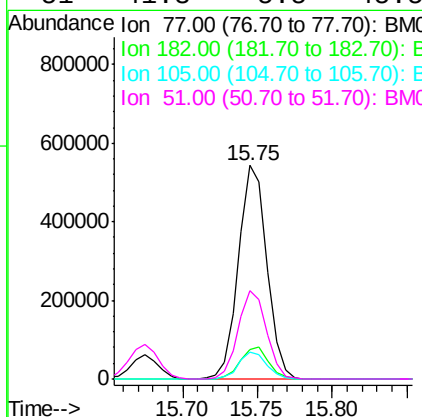
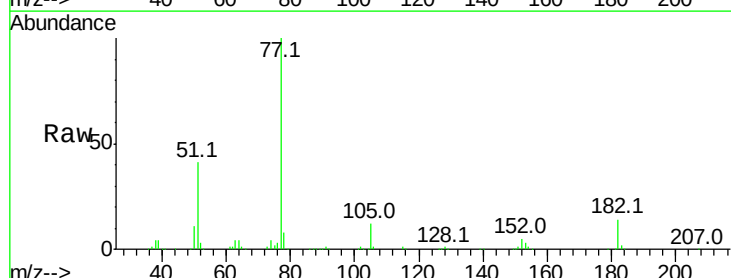
Instrument :
BNA_M
ClientSampled :

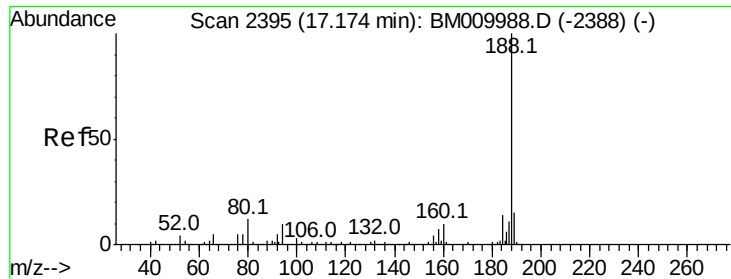
Tot Ion:138 Resp: 94272
Ion Ratio Lower Upper
138 100
92 79.4 16.7 56.7#
108 160.9 37.6 77.6#



#62
Azobenzene
Concen: 55.88 ng
RT: 15.75 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion: 77 Resp: 715931
Ion Ratio Lower Upper
77 100
182 13.6 6.5 46.5
105 12.4 3.8 43.8
51 41.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampled :

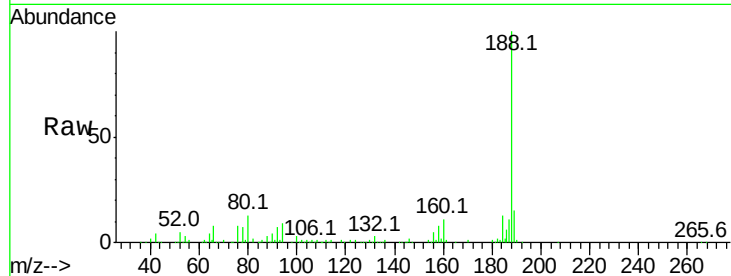
Tot Ion:188 Resp: 294495

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

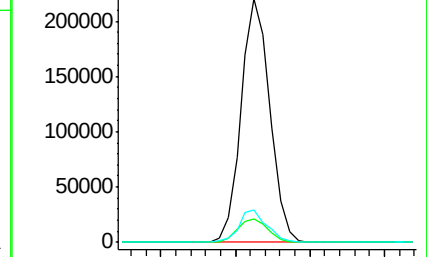
80 13.3 9.3 13.9



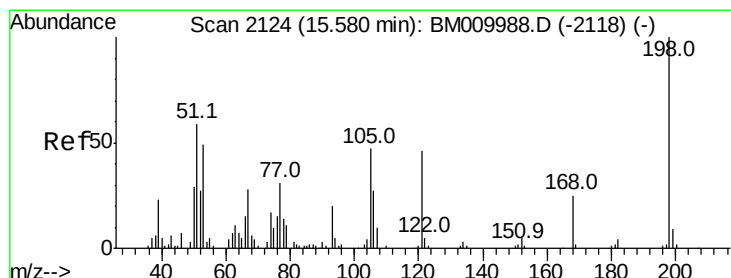
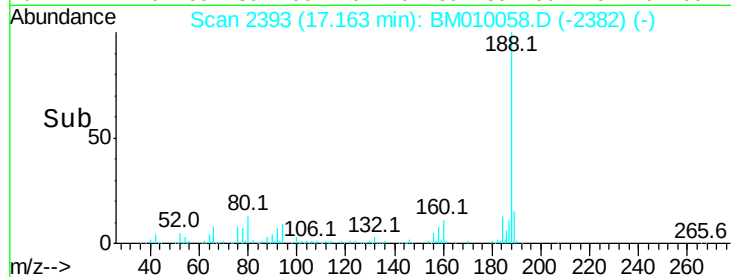
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 37.80 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

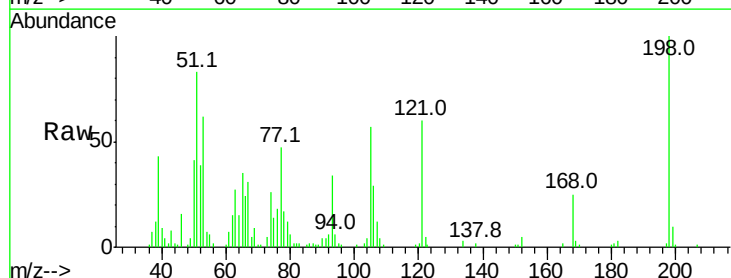
Tgt Ion:198 Resp: 70256

Ion Ratio Lower Upper

198 100

51 82.5 28.8 68.8#

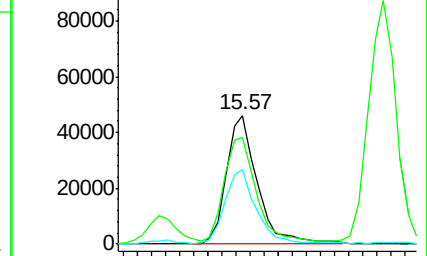
105 57.5 30.5 70.5



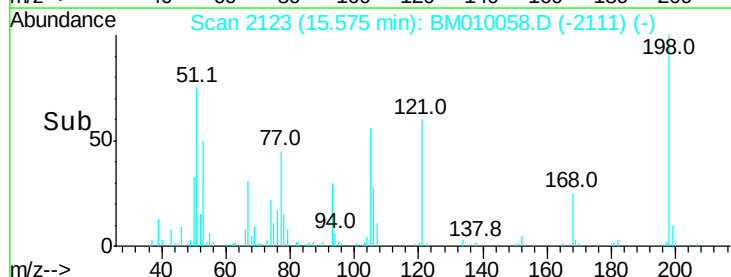
Abundance Ion 198.00 (197.70 to 198.70): E

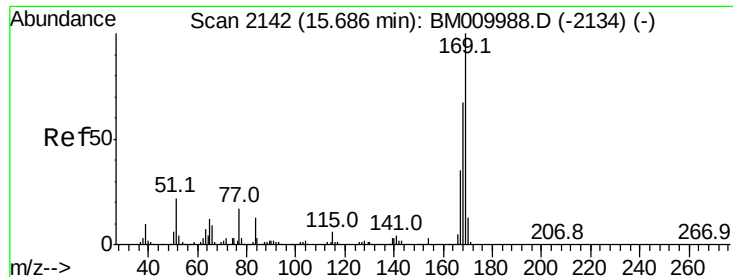
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->

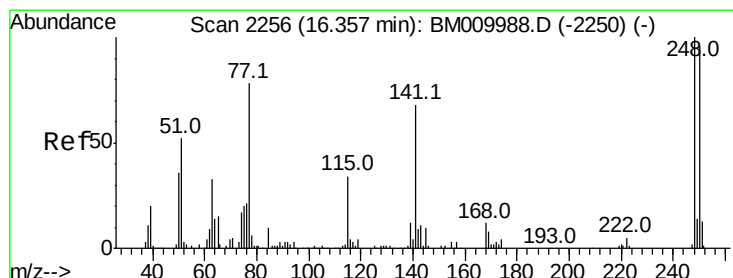
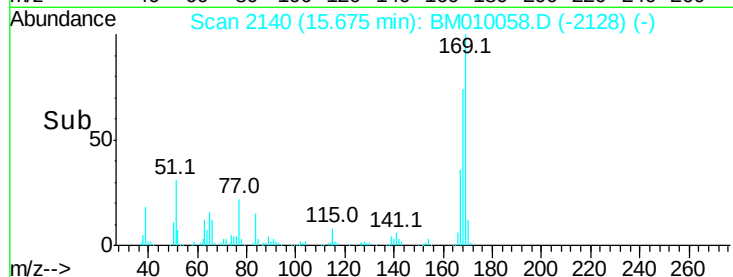
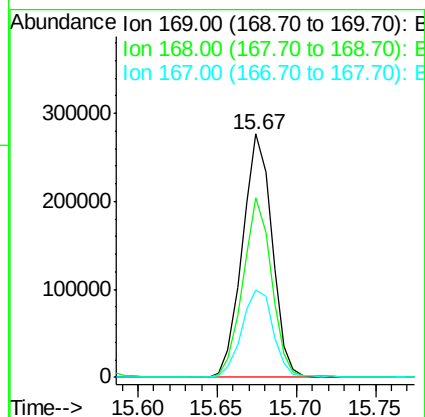
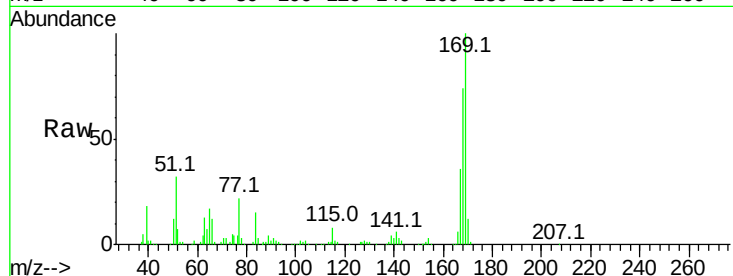




#65
n-Nitrosodiphenylamine
Concen: 39.26 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

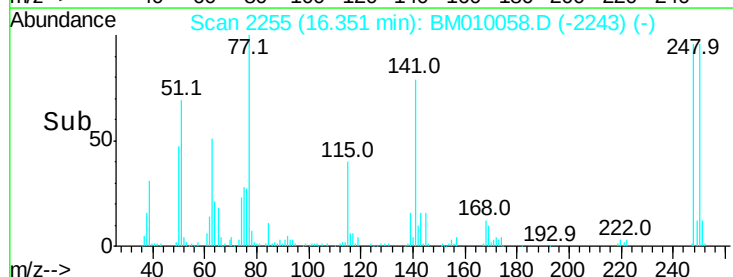
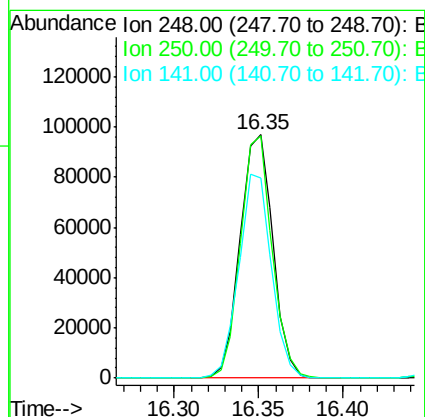
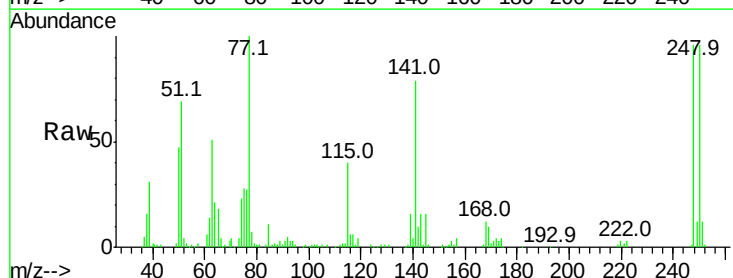
Instrument :
BNA_M
ClientSampleId :

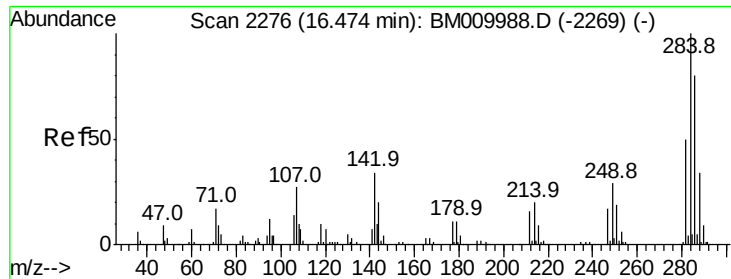
Tot Ion	Ratio	Lower	Upper
169	100		
168	73.8	53.9	80.9
167	35.8	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 37.44 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.4	116.0
141	82.1	45.2	67.8

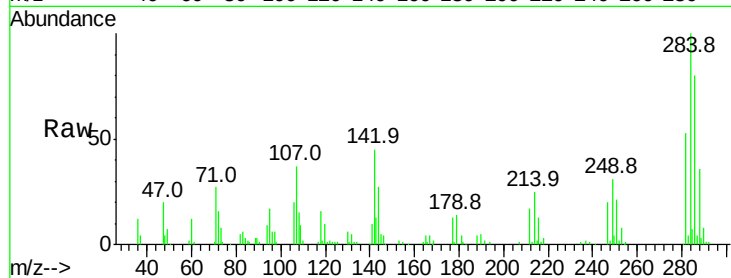




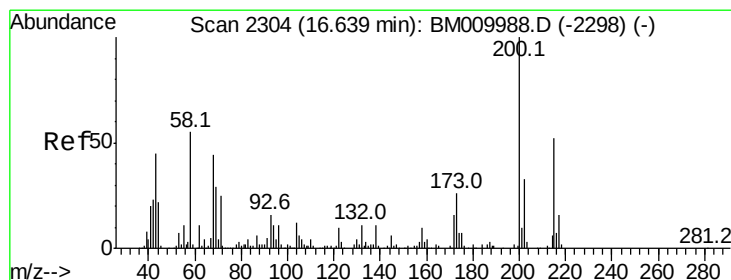
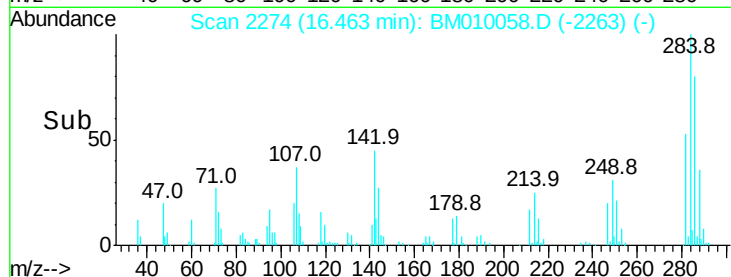
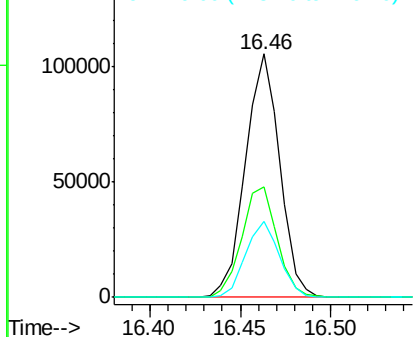
#67
Hexachlorobenzene
Concen: 35.66 ng
RT: 16.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	45.5	20.4	30.6
249	31.0	23.8	35.6

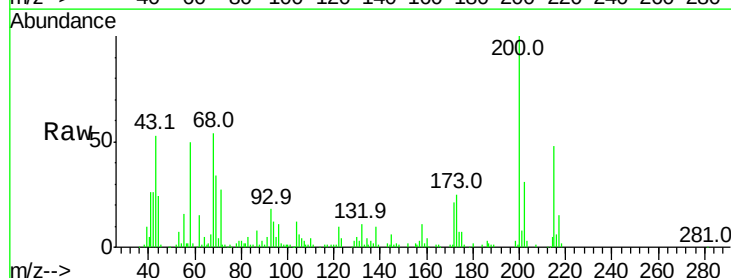


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

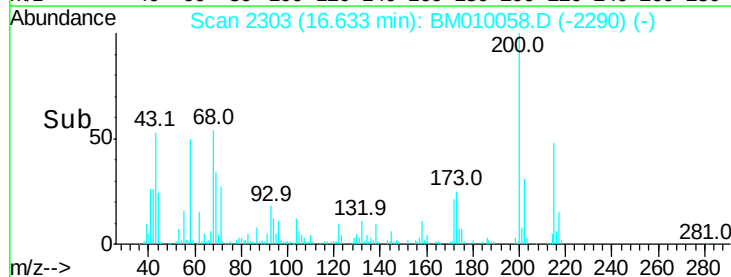
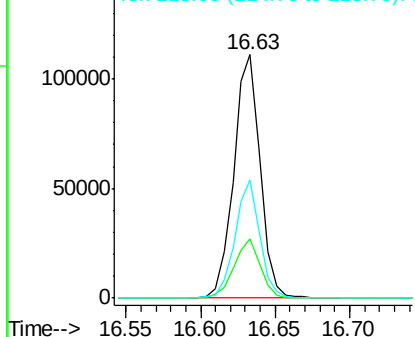


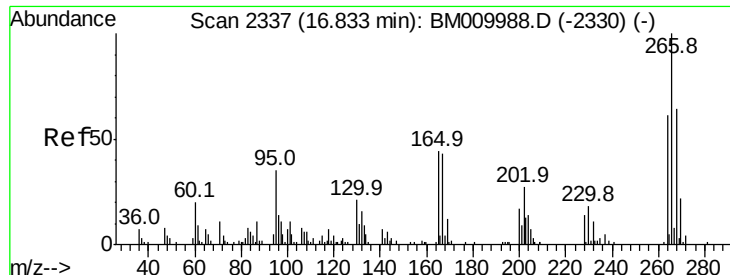
#68
Atrazine
Concen: 40.97 ng
RT: 16.63 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.8	44.8
215	48.5	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.81 ng

RT: 16.82 min Scan# 2334

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampled :

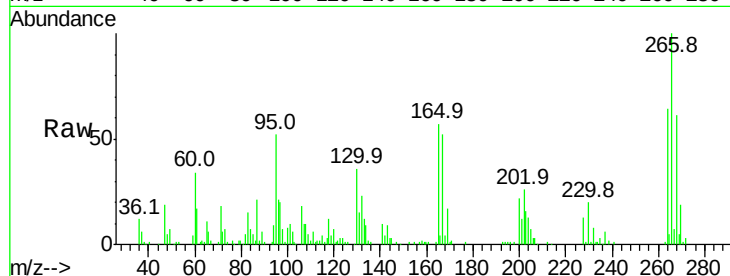
Tot Ion:266 Resp: 139131

Ion Ratio Lower Upper

266 100

268 60.7 52.0 78.0

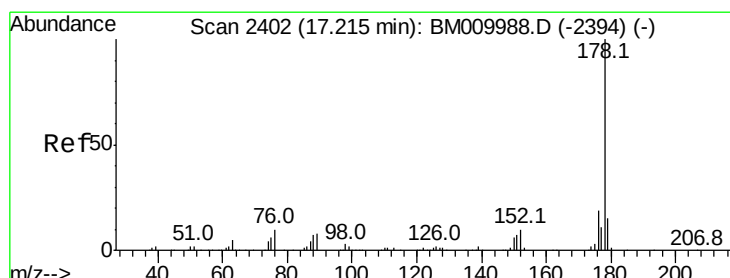
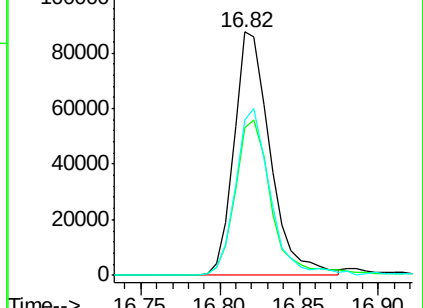
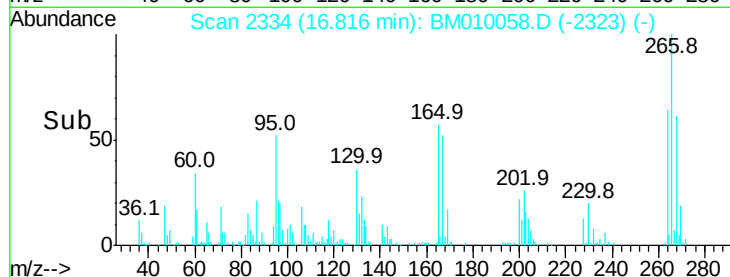
264 64.0 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.39 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

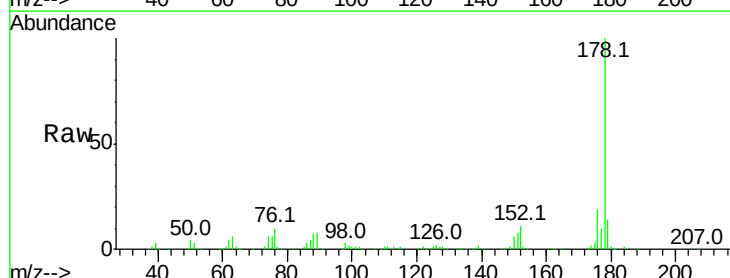
Tgt Ion:178 Resp: 682752

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

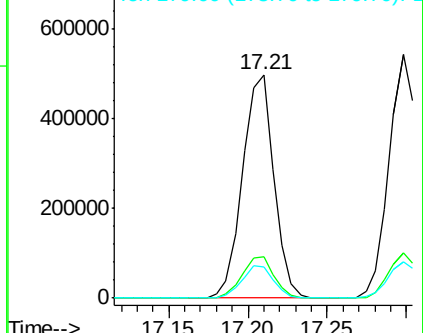
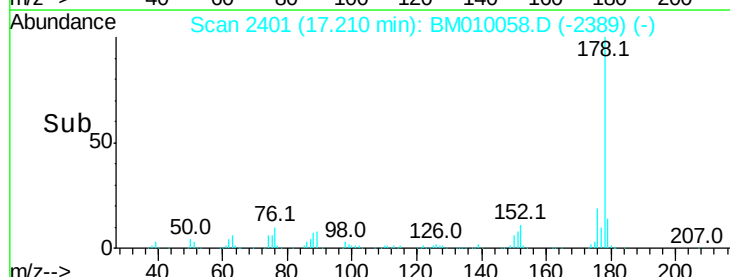
179 14.1 12.1 18.1

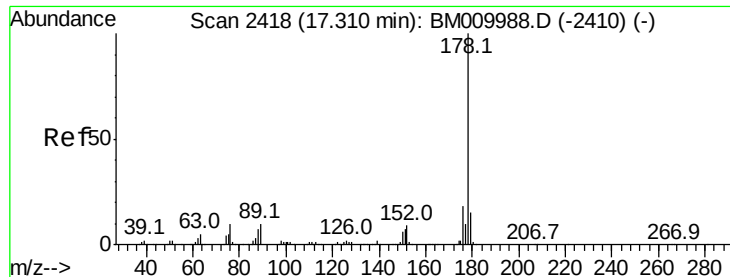


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

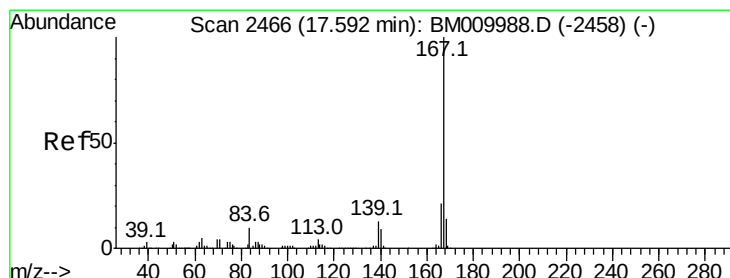
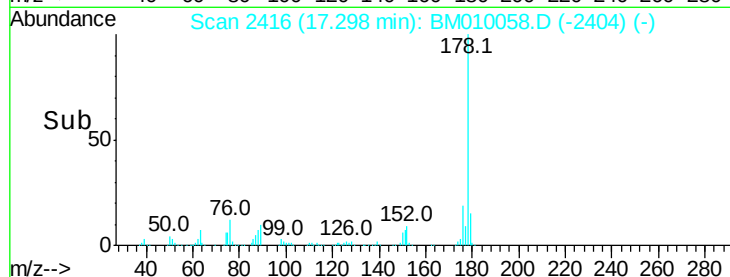
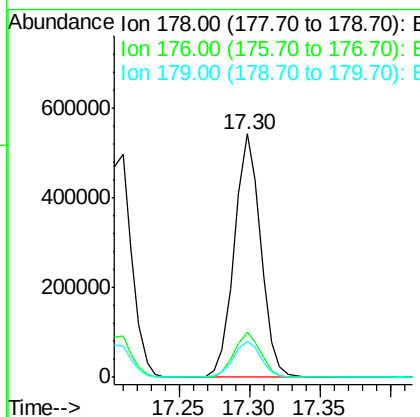
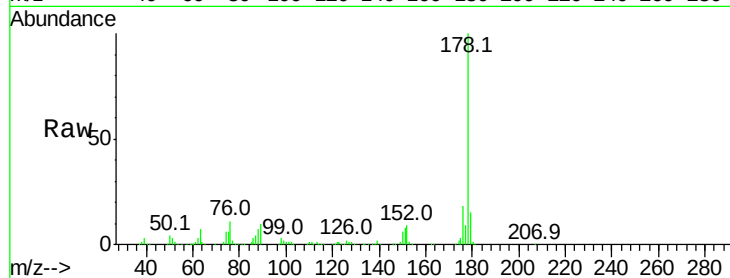




#71
 Anthracene
 Concen: 41.06 ng
 RT: 17.30 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

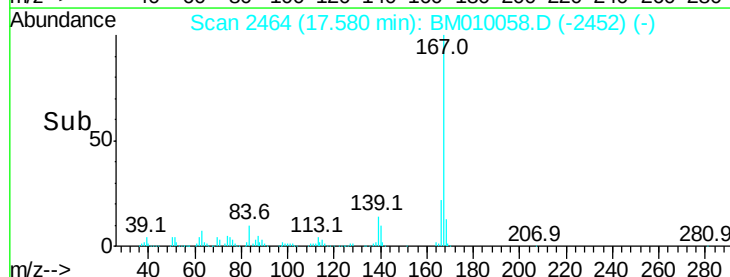
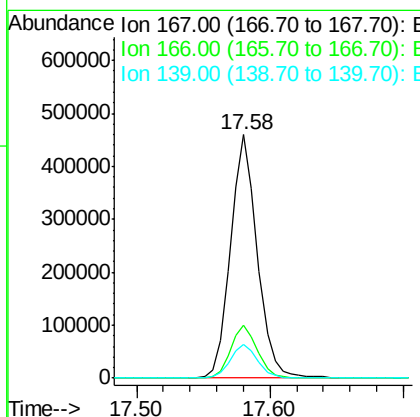
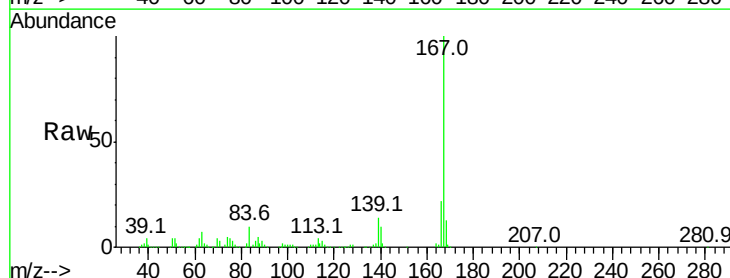
Instrument :
 BNA_M
 ClientSampleId :

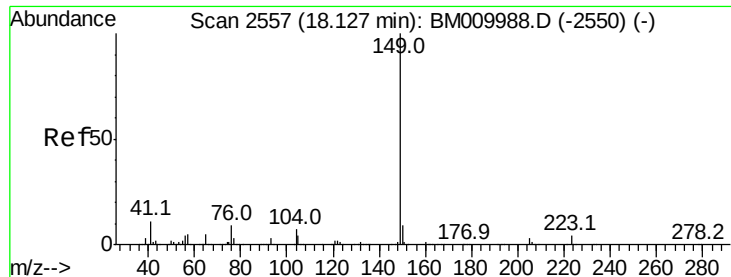
Tot Ion:178 Resp: 707940
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 41.85 ng
 RT: 17.58 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion:167 Resp: 644119
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.79 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

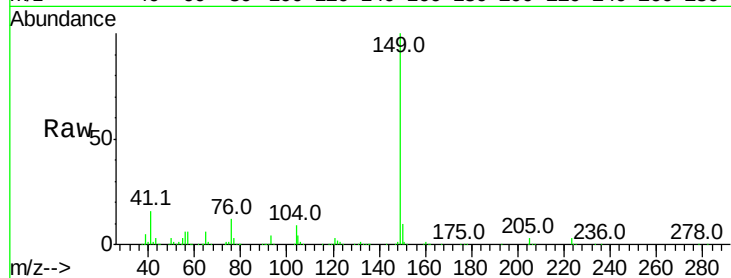
Tot Ion:149 Resp: 817880

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

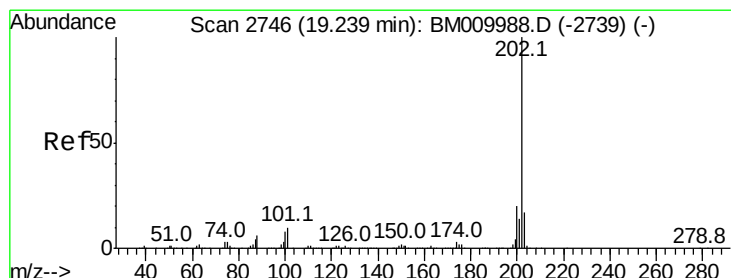
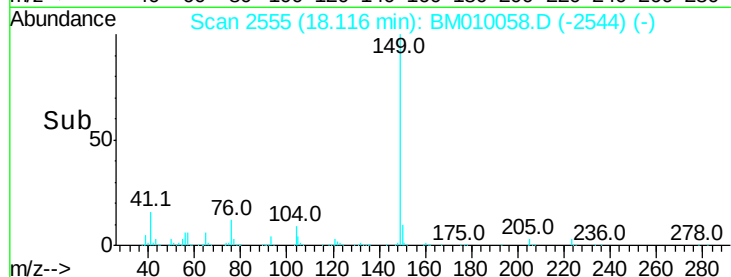
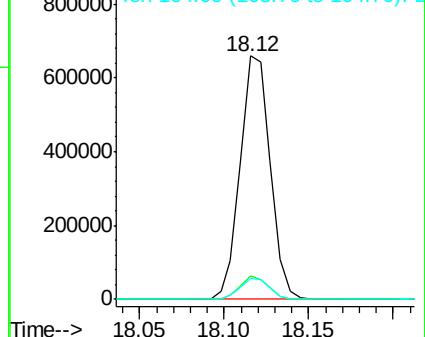
104 8.6 3.7 5.5#



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: 39.88 ng

RT: 19.23 min Scan# 2744

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

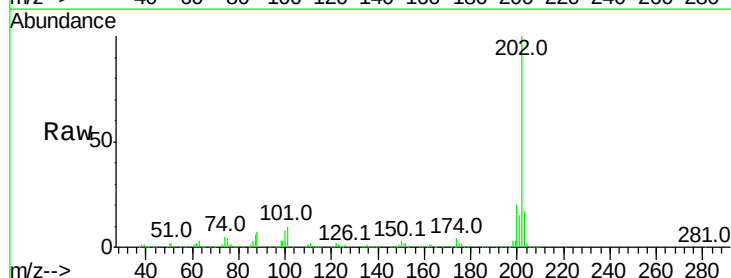
Tgt Ion:202 Resp: 864814

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.7

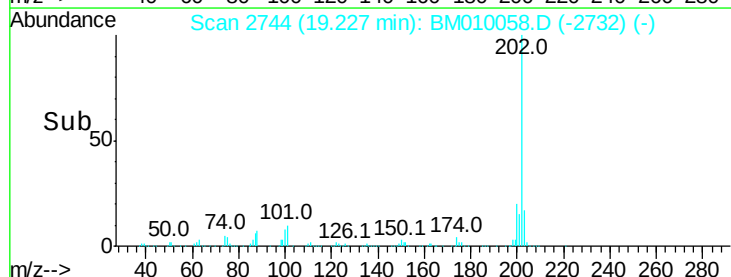
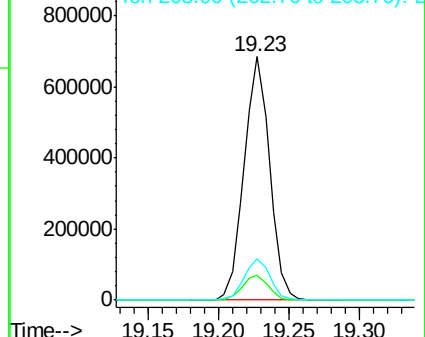
203 17.0 0.0 37.2

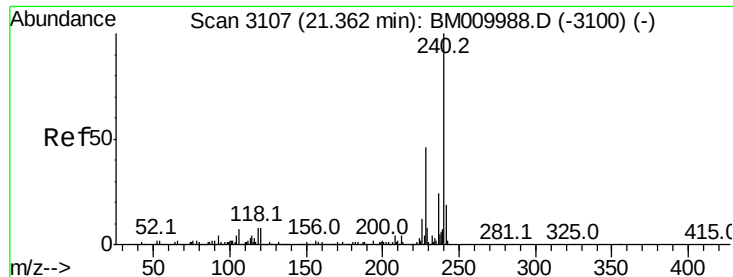


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

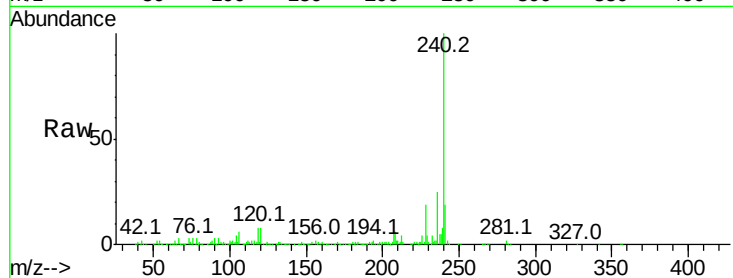
Tot Ion:240 Resp: 398893

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

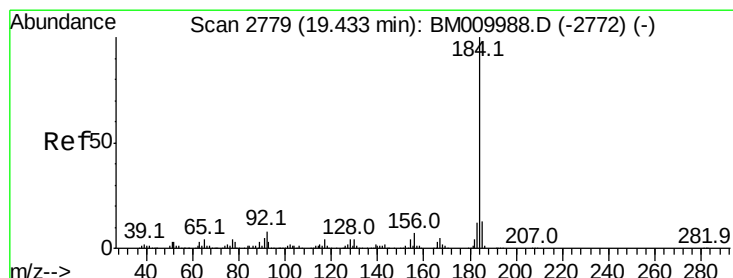
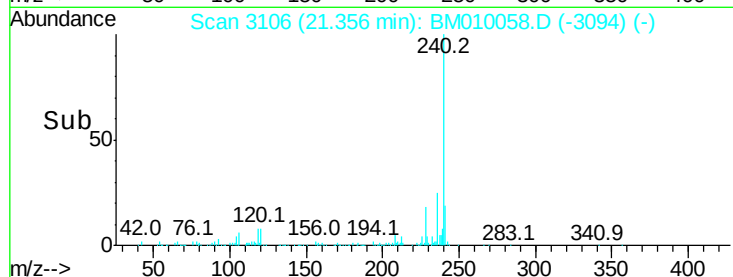
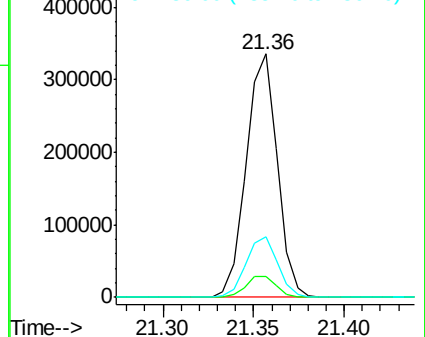
236 25.0 20.0 30.0



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: 45.28 ng

RT: 19.43 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

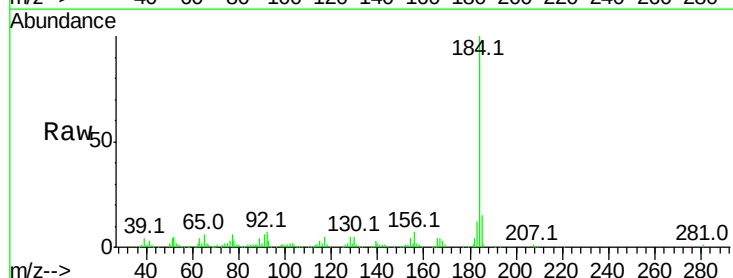
Tgt Ion:184 Resp: 451567

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

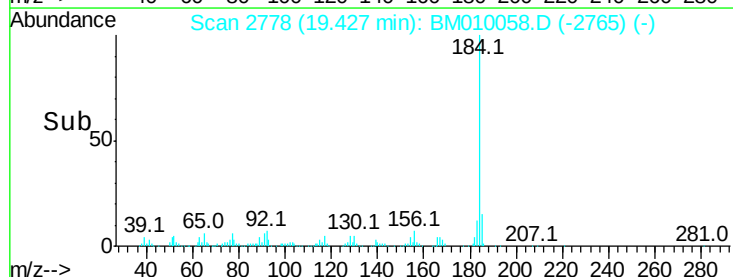
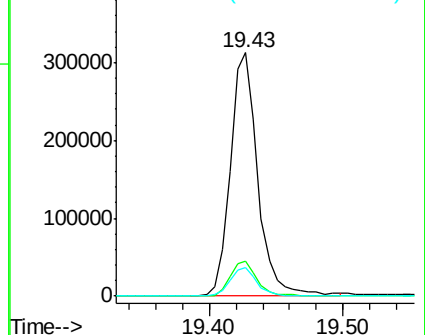
183 11.9 8.9 13.3

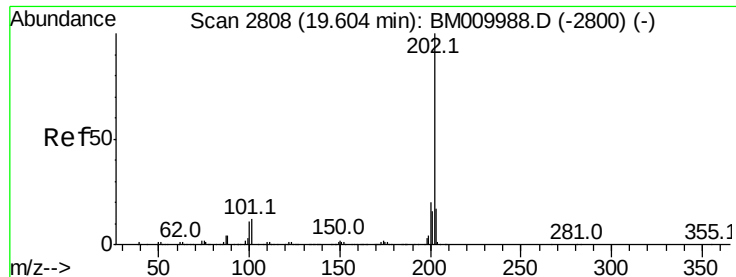


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

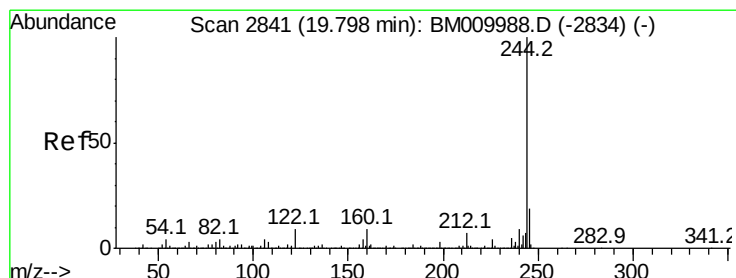
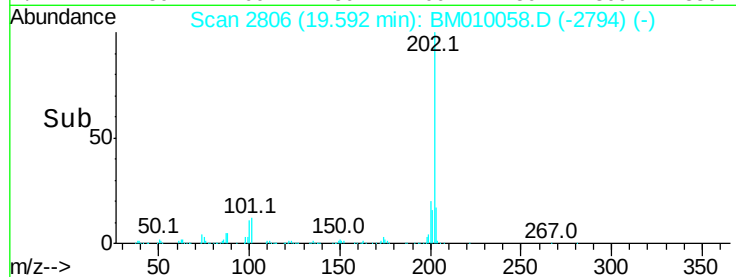
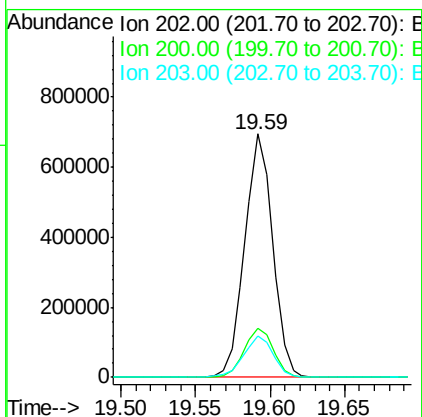
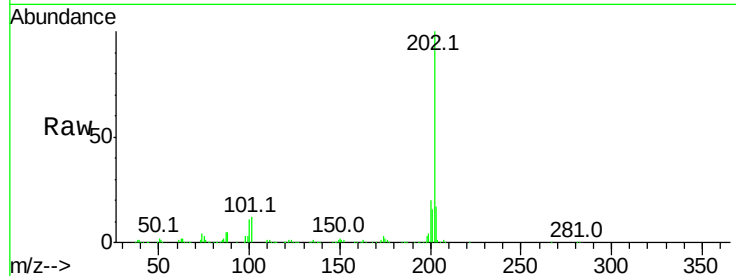




#77
Pvrene
Concen: 37.92 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

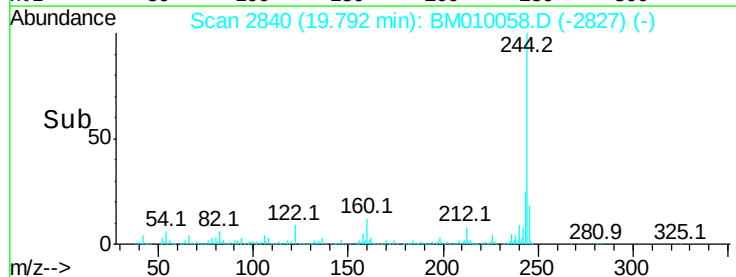
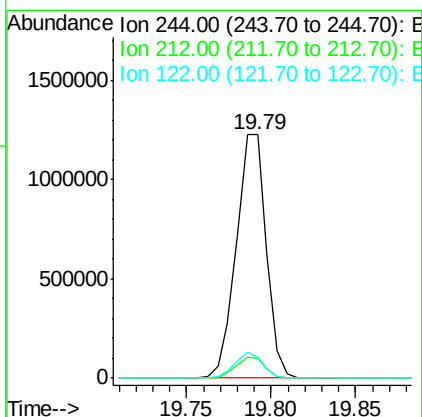
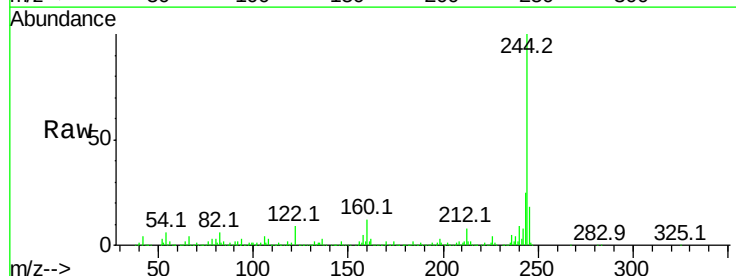
Instrument :
BNA_M
ClientSampleId :

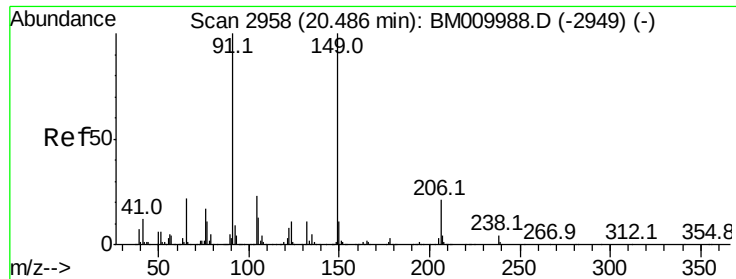
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	17.1	14.1	21.1



#78
Terphenyl-d14
Concen: 80.13 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.7	6.2	9.4

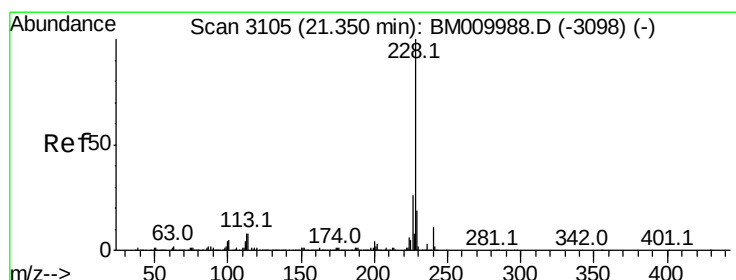
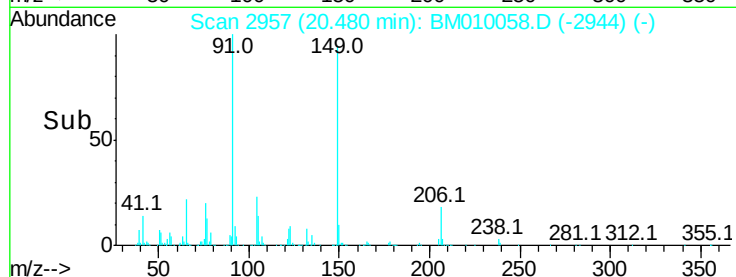
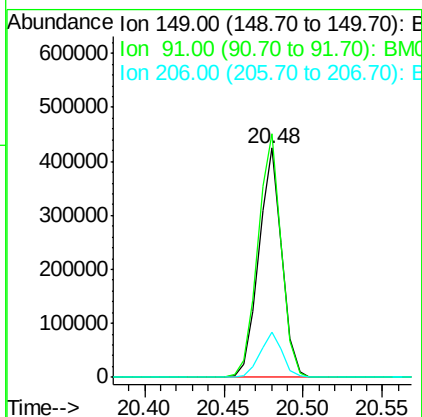
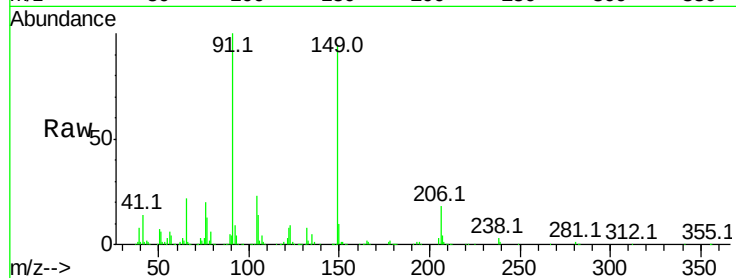




#79
Butylbenzylphthalate
Concen: 43.53 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

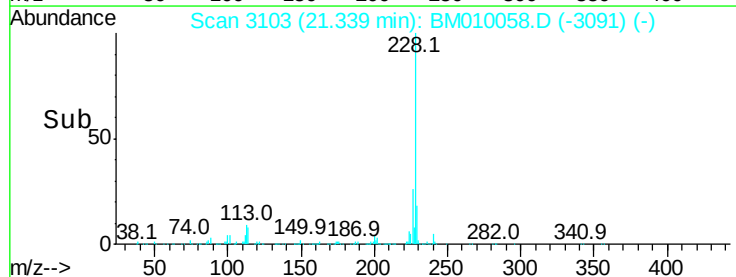
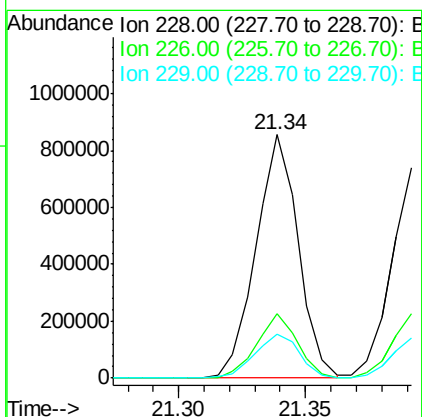
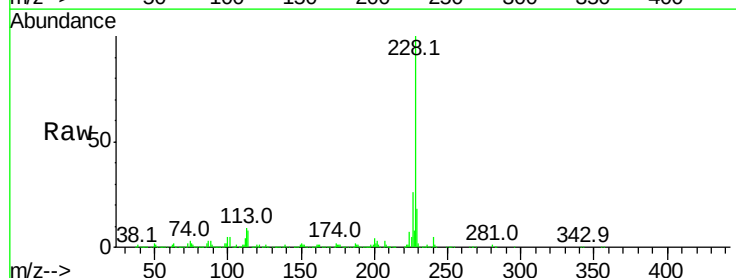
Instrument :
BNA_M
ClientSampleId :

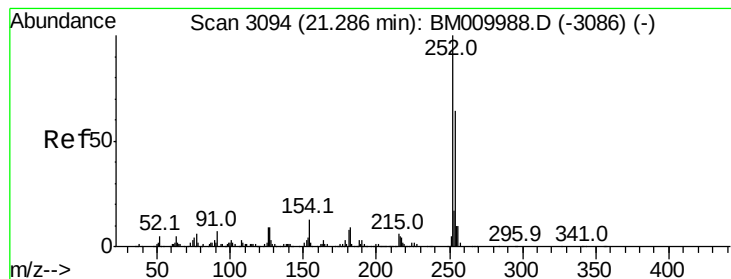
Tot Ion	Ratio	Lower	Upper
149	100		
91	106.3	50.1	75.1#
206	19.6	16.2	24.2



#80
Benzo(a)anthracene
Concen: 41.51 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.03 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	18.0	16.0	24.0

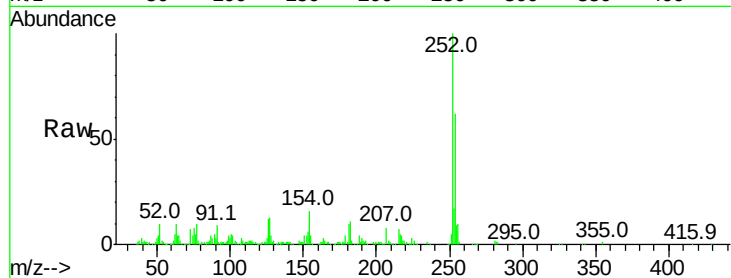




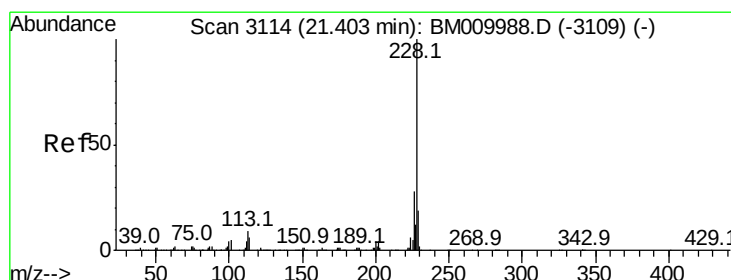
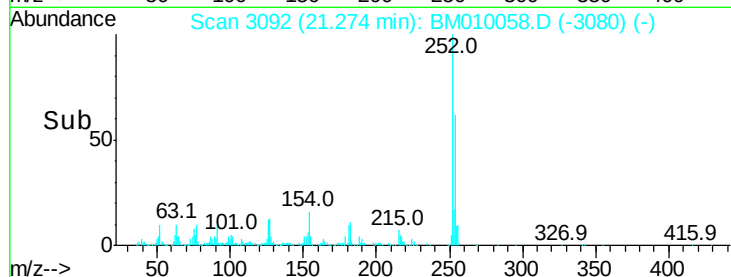
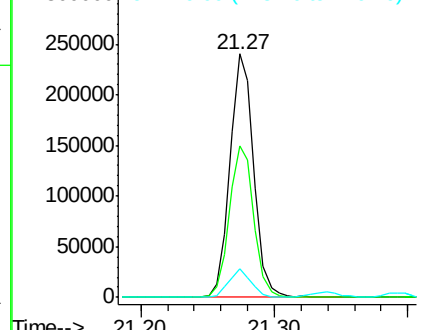
#81
 3,3'-Dichlorobenzidine
 Concen: 34.09 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.9	77.9
126	11.6	9.8	14.8

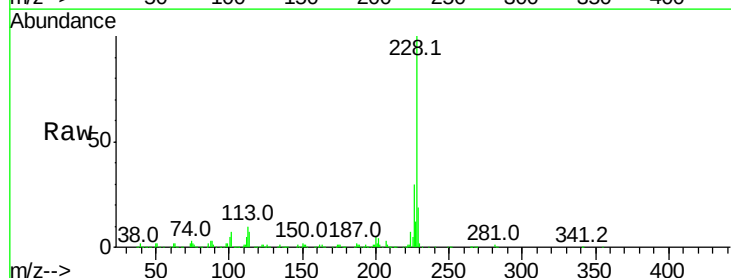


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

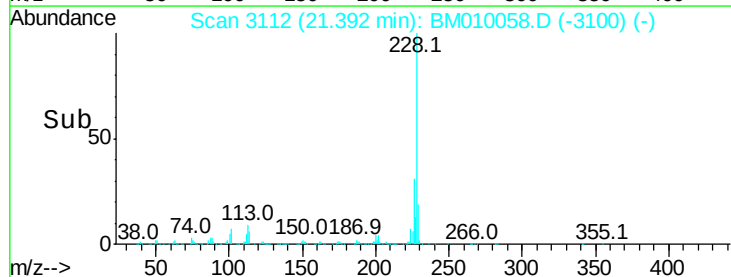
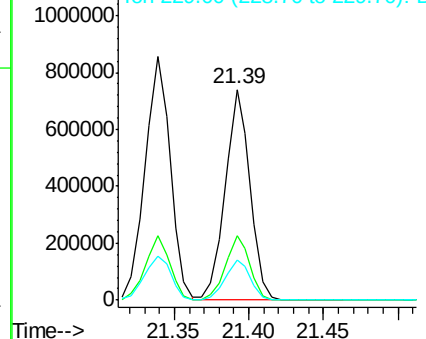


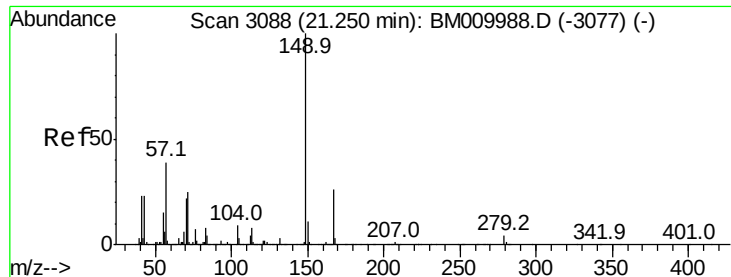
#82
 Chrysene
 Concen: 38.60 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.03 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	18.9	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.52 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

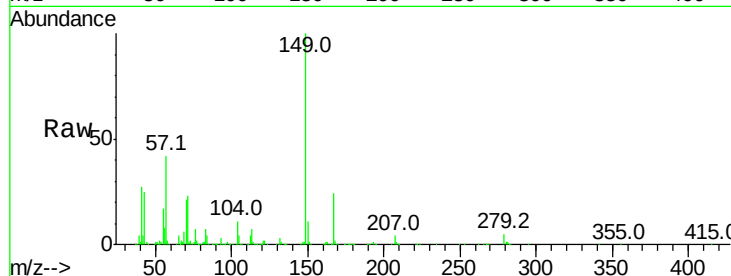
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 627553

Ion	Ratio	Lower	Upper
149	100		
167	23.7	22.4	33.6
279	4.6	3.4	5.0

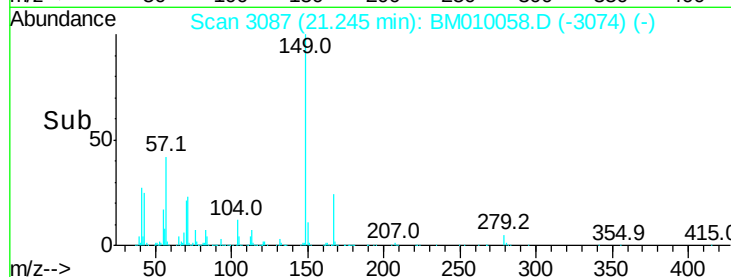


Abundance Ion 149.00 (148.70 to 149.70): E

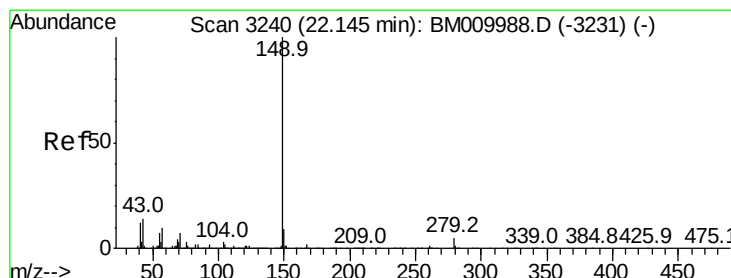
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.24



Time-->



#84

Di-n-octyl phthalate

Concen: 43.65 ng

RT: 22.13 min Scan# 3237

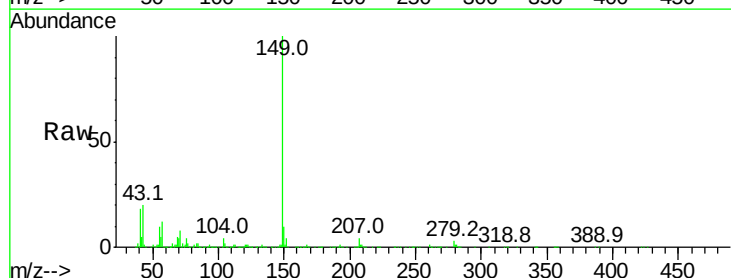
Delta R.T. -0.04 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Tgt Ion:149 Resp: 1105201

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	19.1	7.3	10.9

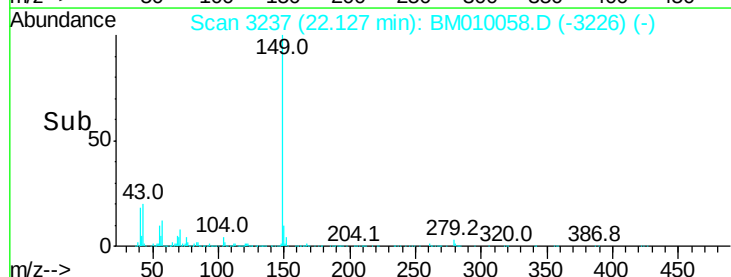


Abundance Ion 149.00 (148.70 to 149.70): E

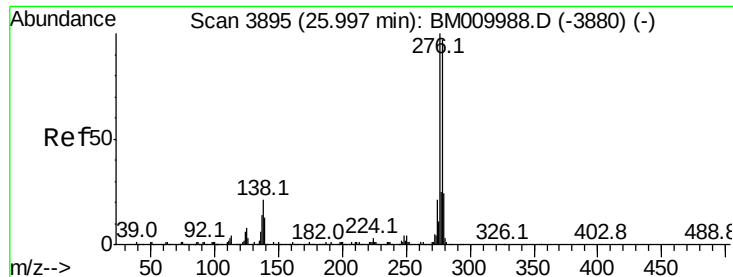
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

22.13



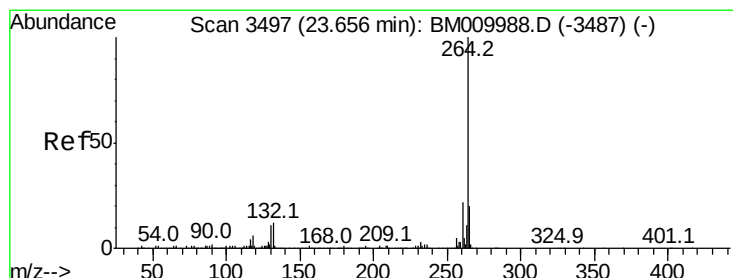
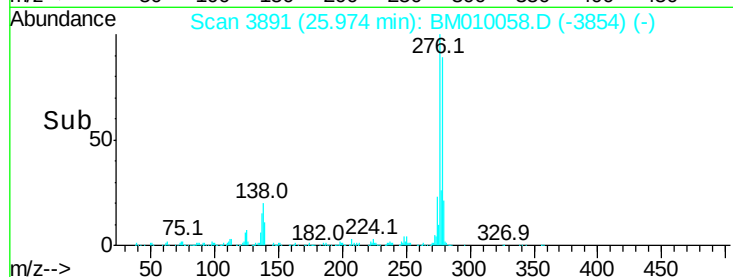
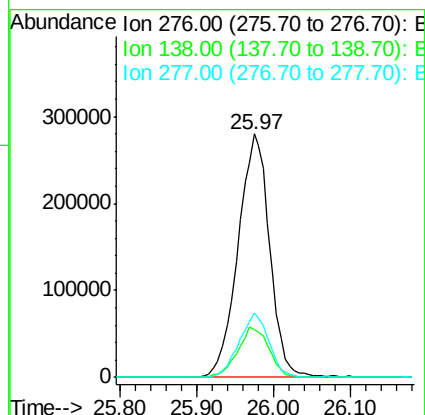
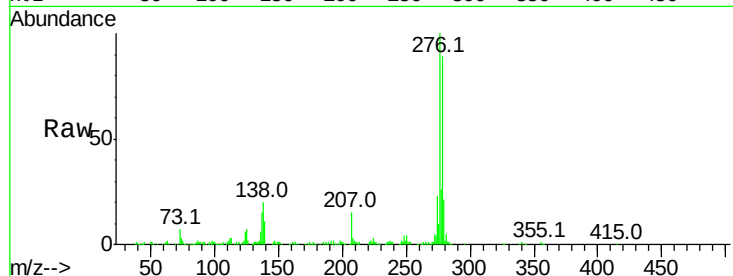
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.35 ng
 RT: 25.97 min Scan# 3891
 Delta R.T. -0.08 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

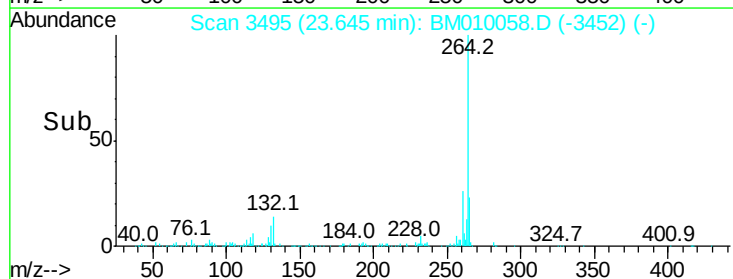
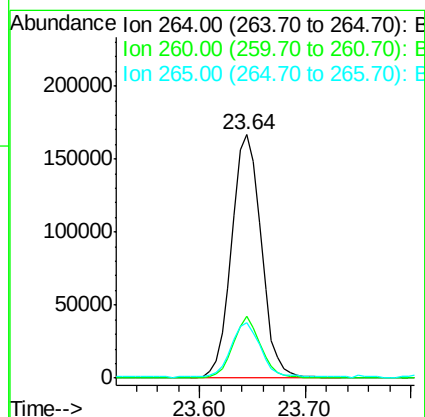
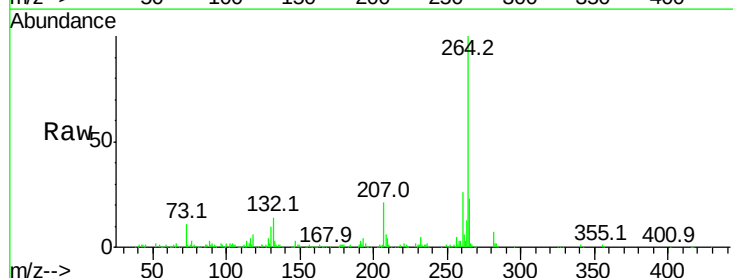
Instrument :
 BNA_M
 ClientSampleId :

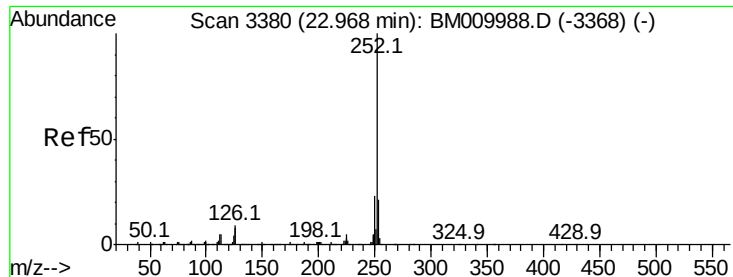
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3495
 Delta R.T. -0.05 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	22.6	17.3	25.9

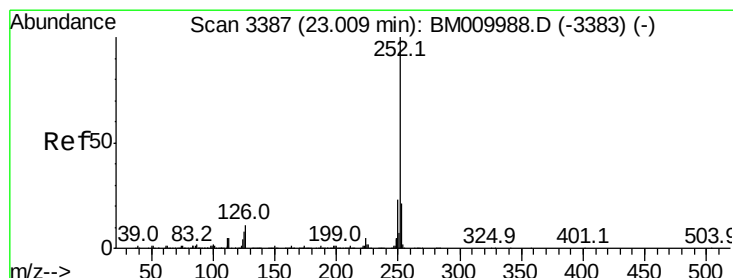
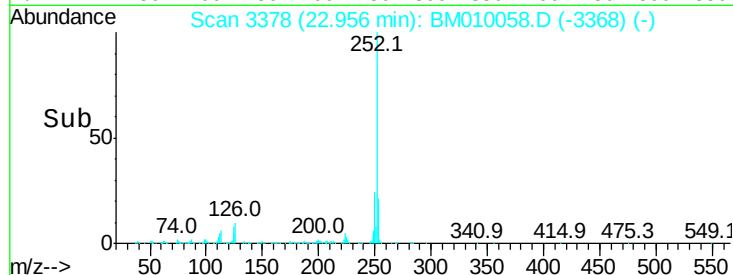
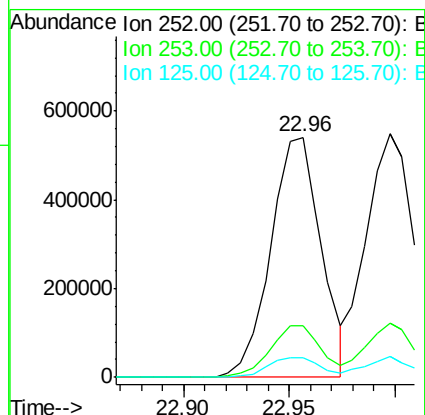
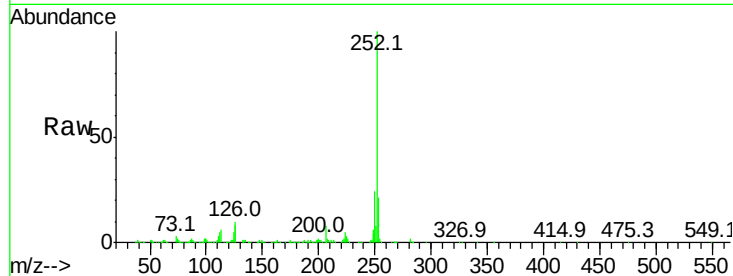




#87
Benzo(b)fluoranthene
Concen: 41.05 ng
RT: 22.96 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

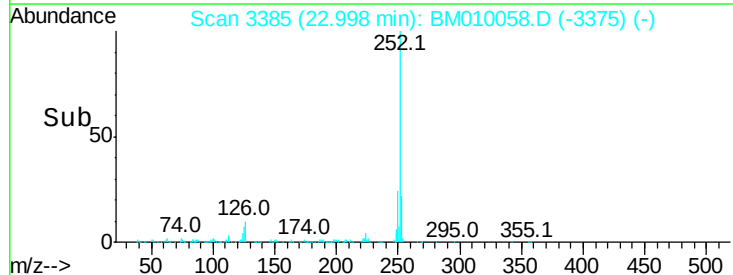
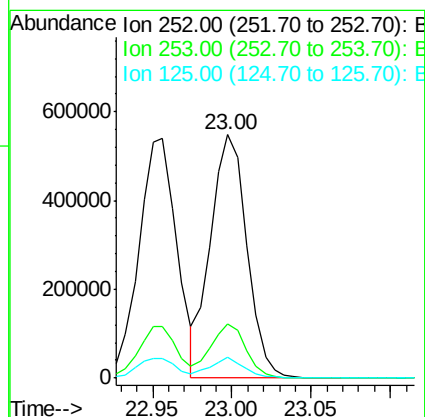
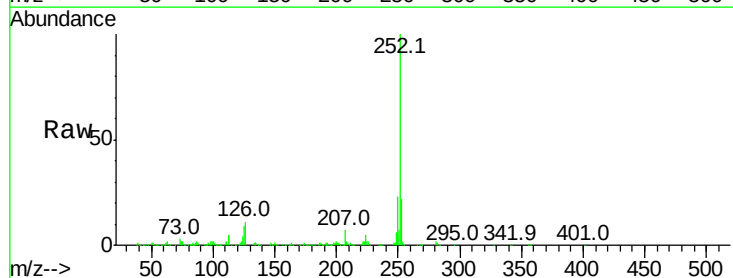
Instrument :
BNA_M
ClientSampleId :

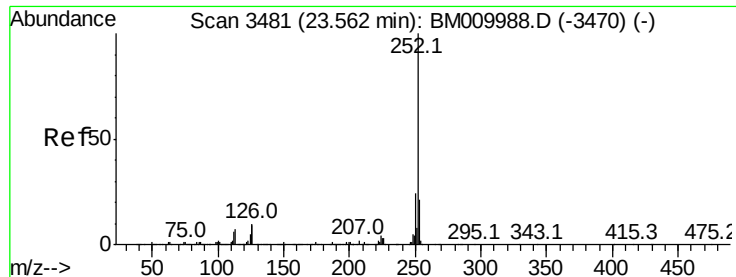
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.0	9.9	14.9#



#88
Benzo(k)fluoranthene
Concen: 41.93 ng
RT: 23.00 min Scan# 3385
Delta R.T. -0.04 min
Lab File: BM010058.D
Acq: 16 May 2017 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.5	8.1	12.1





#89

Benzo(a)pyrene

Concen: 41.70 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.05 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

Instrument :

BNA_M

ClientSampleId :

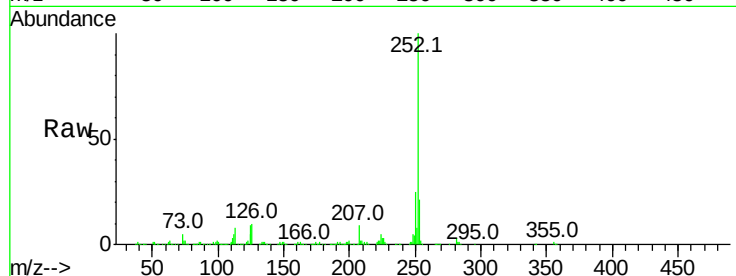
Tot Ion:252 Resp: 805250

Ion Ratio Lower Upper

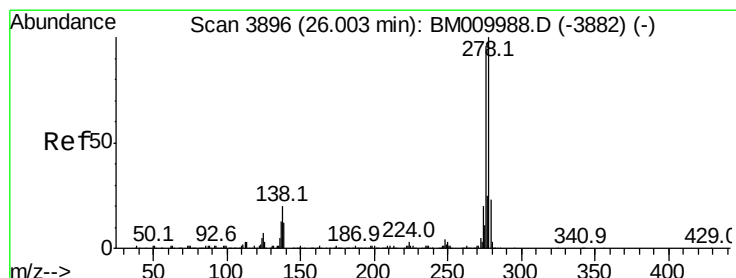
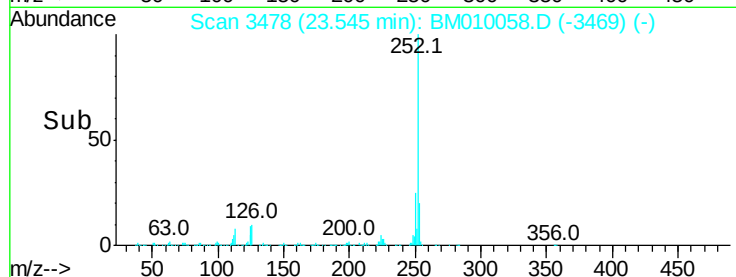
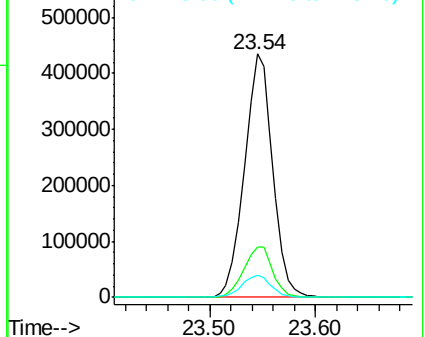
252 100

253 20.6 17.6 26.4

125 9.1 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: 40.56 ng

RT: 25.98 min Scan# 3892

Delta R.T. -0.08 min

Lab File: BM010058.D

Acq: 16 May 2017 18:03

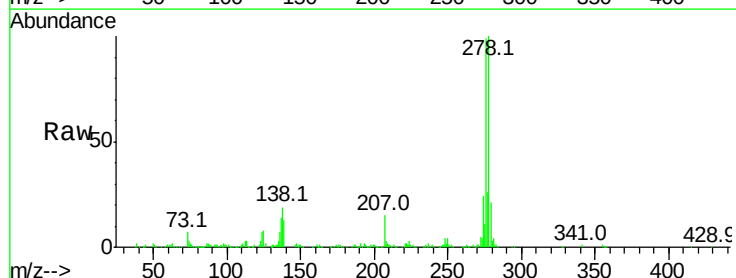
Tgt Ion:278 Resp: 691053

Ion Ratio Lower Upper

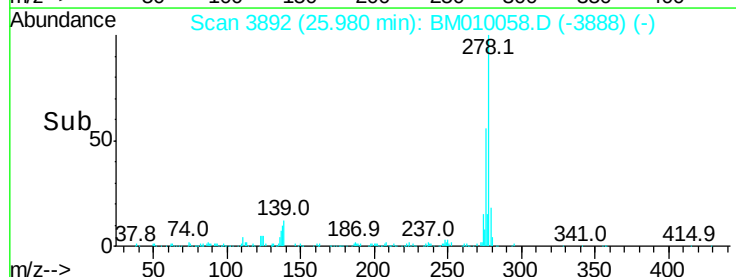
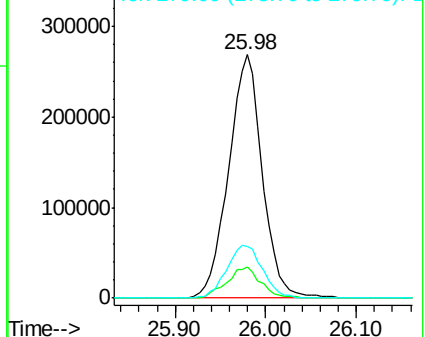
278 100

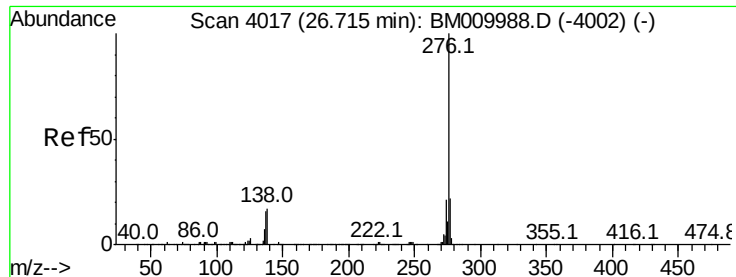
139 13.0 13.4 20.0#

279 21.3 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

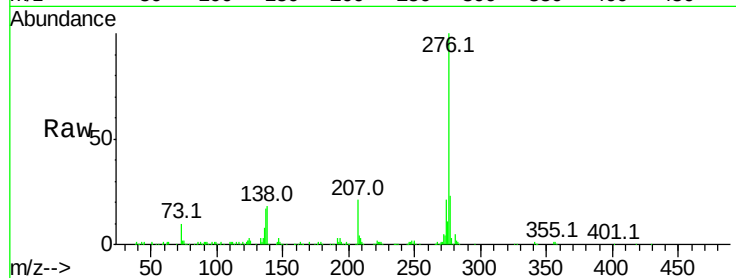




#91
 Benzo(a,h,i)perylene
 Concen: 38.46 ng
 RT: 26.69 min Scan# 4013
 Delta R.T. -0.09 min
 Lab File: BM010058.D
 Acq: 16 May 2017 18:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.5	27.7
138	18.5	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

