

Data Path : Z:\HPCHEM1\BNA M\Data\BM051117\
 Data File : BM010014.D
 Acq On : 12 May 2017 08:53
 Operator : SJ/MA
 Sample : I3069-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 10:41:52 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	7.76	152	62255	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	252414	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	143738	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	306360	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	291273	20.00	ng	-0.02
86) Perylene-d12	23.65	264	259177	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	558585	140.41	ng	-0.01
7) Phenol-d6	6.95	99	777820	122.02	ng	-0.02
23) Nitrobenzene-d5	8.93	82	648398	93.88	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	271475	138.00	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1103831	102.70	ng	-0.02
78) Terphenyl-d14	19.79	244	1357769	98.24	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	58099	39.42	ng	# 100
3) Pyridine	3.70	79	198432	36.53	ng	94
4) n-Nitrosodimethylamine	3.61	42	124915	41.98	ng	# 68
6) Aniline	7.10	93	212592	25.69	ng	# 87
8) 2-Chlorophenol	7.33	128	196786	45.57	ng	# 73
9) Benzaldehyde	6.93	77	23593	4.94	ng	# 81
10) Phenol	6.97	94	285783	41.26	ng	89
11) bis(2-Chloroethyl)ether	7.20	93	230252	42.75	ng	84
12) 1,3-Dichlorobenzene	7.65	146	182802	37.92	ng	# 87
13) 1,4-Dichlorobenzene	7.80	146	188063	38.07	ng	# 93
14) 1,2-Dichlorobenzene	8.11	146	190816	39.84	ng	# 92
15) Benzyl Alcohol	8.02	79	281823	51.88	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.29	45	350708	41.03	ng	99
17) 2-Methylphenol	8.22	107	189600	41.93	ng	# 84
18) Hexachloroethane	8.82	117	83135	40.59	ng	90
19) n-Nitroso-di-n-propylamine	8.57	70	239942	41.49	ng	# 92
20) 3+4-Methylphenols	8.55	107	250687	40.73	ng	91
22) Acetophenone	8.60	105	353495	45.81	ng	# 93
24) Nitrobenzene	8.98	77	348750	47.45	ng	# 88
25) Isophorone	9.50	82	565148	47.55	ng	# 88
26) 2-Nitrophenol	9.68	139	104158	47.06	ng	# 43
27) 2,4-Dimethylphenol	9.75	122	189884	45.83	ng	88
28) bis(2-Chloroethoxy)methane	9.97	93	322175	44.99	ng	98
29) 2,4-Dichlorophenol	10.22	162	194790	48.32	ng	92
30) 1,2,4-Trichlorobenzene	10.42	180	209794	44.57	ng	97
31) Naphthalene	10.60	128	597788	43.02	ng	100
32) Benzoic acid	9.92	122	98827	35.66	ng	# 83
33) 4-Chloroaniline	10.74	127	96351	16.31	ng	# 80
34) Hexachlorobutadiene	10.86	225	136659	42.67	ng	96
35) Caprolactam	11.56	113	46305	29.40	ng	# 56
36) 4-Chloro-3-methylphenol	11.87	107	226874	42.12	ng	# 78
37) 2-Methylnaphthalene	12.22	142	449867	45.23	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	259835	49.67	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	148771	97.43	ng	98

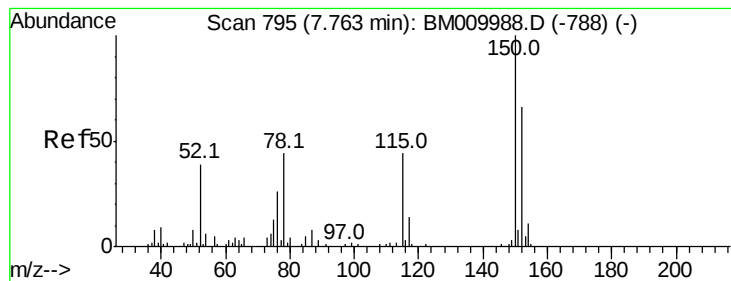
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	169058	52.49	nq	99
43) 2,4,5-Trichlorophenol	12.93	196	164445	47.00	nq #	88
45) 1,1'-Biphenyl	13.24	154	604645	50.55	nq	94
46) 2-Chloronaphthalene	13.29	162	464319	49.40	nq	97
47) 2-Nitroaniline	13.52	65	119229	28.02	nq #	62
48) Acenaphthylene	14.14	152	716619	48.41	nq	99
49) Dimethylphthalate	13.88	163	559144	44.13	nq #	98
50) 2,6-Dinitrotoluene	14.02	165	119668	46.61	nq #	67
51) Acenaphthene	14.48	154	446093	47.82	nq	96
52) 3-Nitroaniline	14.35	138	82968	30.43	nq #	46
53) 2,4-Dinitrophenol	14.57	184	111419	73.73	nq	95
54) Dibenzofuran	14.82	168	727870	50.93	nq	98
55) 4-Nitrophenol	14.67	139	131945	72.26	nq #	12
56) 2,4-Dinitrotoluene	14.81	165	164072	43.20	nq #	64
57) Fluorene	15.47	166	581484	46.15	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	146022	48.31	nq #	100
59) Diethylphthalate	15.24	149	553617	41.62	nq	98
60) 4-Chlorophenyl-phenylether	15.46	204	325960	47.38	nq	94
61) 4-Nitroaniline	15.52	138	53712	19.34	nq #	12
62) Azobenzene	15.75	77	825890	51.17	nq	83
64) 4,6-Dinitro-2-methylphenol	15.58	198	84516	42.80	nq	90
65) n-Nitrosodiphenylamine	15.68	169	493352	51.89	nq	99
66) 4-Bromophenyl-phenylether	16.36	248	191972	52.76	nq	95
67) Hexachlorobenzene	16.47	284	201912	50.00	nq #	92
68) Atrazine	16.64	200	158355	45.58	nq	95
69) Pentachlorophenol	16.83	266	155052	78.63	nq	97
70) Phenanthrene	17.22	178	837970	47.65	nq	99
71) Anthracene	17.30	178	858630	47.87	nq	98
72) Carbazole	17.59	167	714996	44.65	nq	99
73) Di-n-butylphthalate	18.13	149	872107	42.84	nq #	97
74) Fluoranthene	19.23	202	899950	39.89	nq	98
76) Benzidine	19.43	184	113436	15.58	nq	97
77) Pyrene	19.60	202	907520	52.35	nq	97
79) Butylbenzylphthalate	20.49	149	342060	47.39	nq #	67
80) Benzo(a)anthracene	21.34	228	828915	47.36	nq	97
81) 3,3'-Dichlorobenzidine	21.28	252	142628	22.12	nq	98
82) Chrysene	21.40	228	755807	46.05	nq	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	471764	43.77	nq	100
84) Di-n-octyl phthalate	22.13	149	737629	39.89	nq #	85
85) Indeno(1,2,3-cd)pyrene	25.99	276	935710	67.64	nq #	100
87) Benzo(b)fluoranthene	22.96	252	777763	44.31	nq #	96
88) Benzo(k)fluoranthene	23.00	252	749006	44.91	nq	98
89) Benzo(a)pyrene	23.55	252	759660	49.09	nq	98
90) Dibenzo(a,h)anthracene	25.99	278	791581	57.97	nq #	94
91) Benzo(g,h,i)perylene	26.70	276	737506	58.60	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

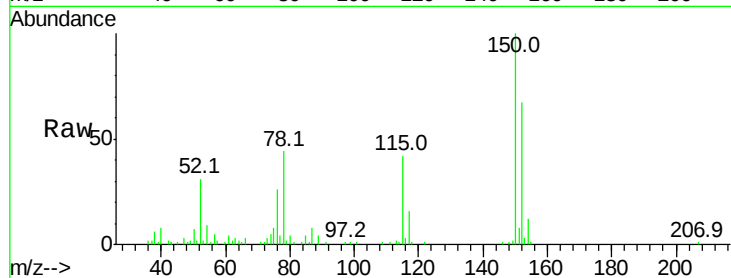
Tot Ion:152 Resp: 62255

Ion Ratio Lower Upper

152 100

150 150.1 119.5 179.3

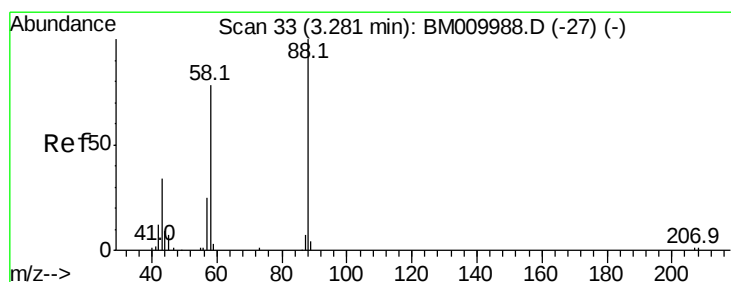
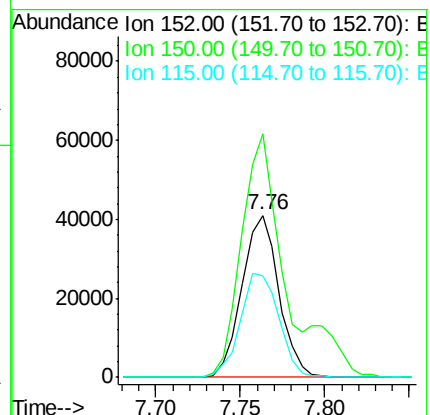
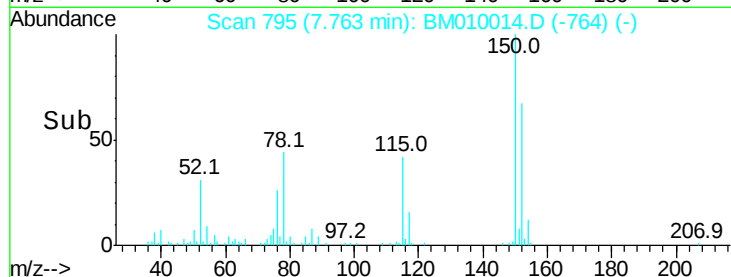
115 62.4 43.0 64.4



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: 39.42 ng

RT: 3.29 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

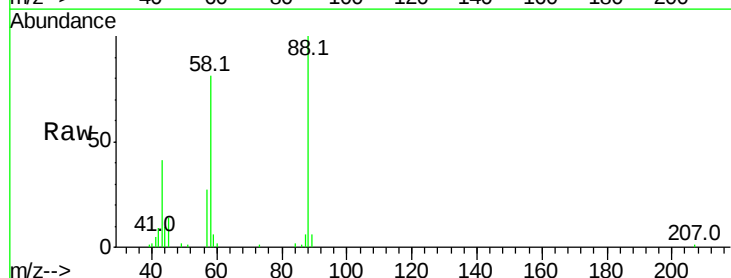
Tgt Ion: 88 Resp: 58099

Ion Ratio Lower Upper

88 100

58 83.0 0.0 0.0#

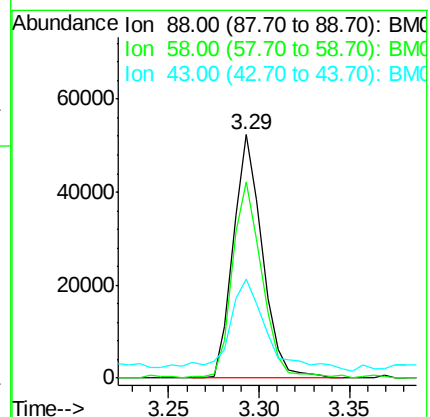
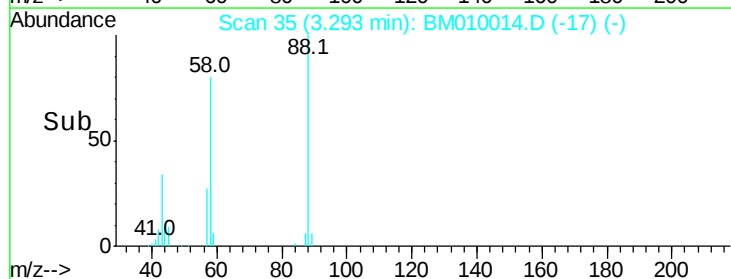
43 48.8 0.0 0.0#

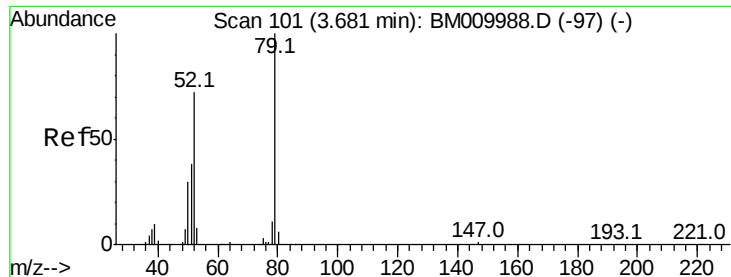


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.53 ng

RT: 3.70 min Scan# 105

Delta R.T. 0.01 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

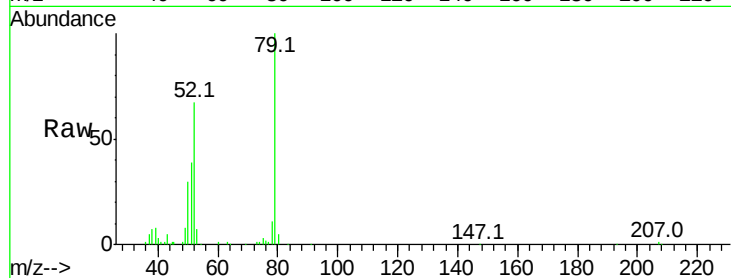
Tot Ion: 79 Resp: 198432

Ion Ratio Lower Upper

79 100

52 66.7 51.1 76.7

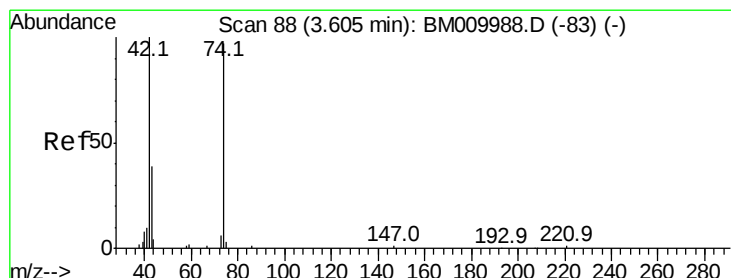
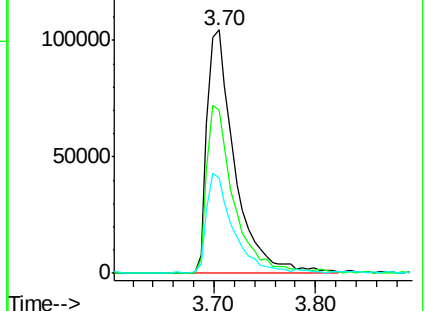
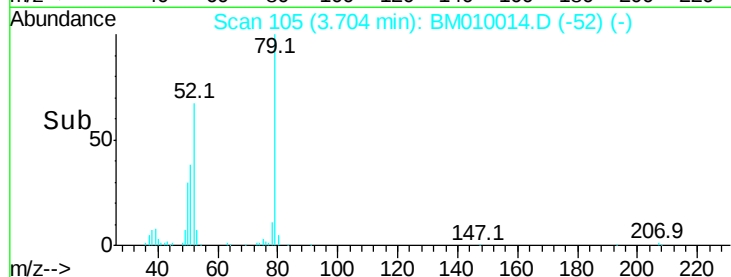
51 38.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010014.D (-52) (-)

Ion 52.00 (51.70 to 52.70): BM010014.D (-52) (-)

Ion 51.00 (50.70 to 51.70): BM010014.D (-52) (-)



#4

n-Nitrosodimethylamine

Concen: 41.98 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.00 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

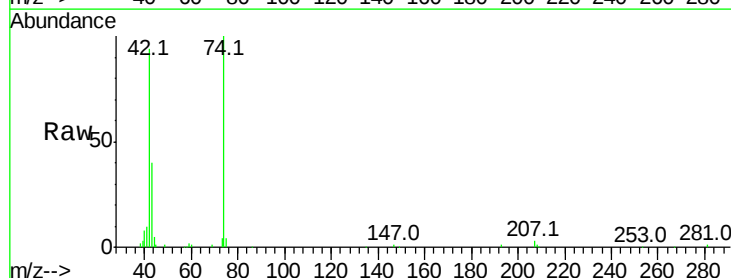
Tgt Ion: 42 Resp: 124915

Ion Ratio Lower Upper

42 100

74 106.4 119.3 178.9#

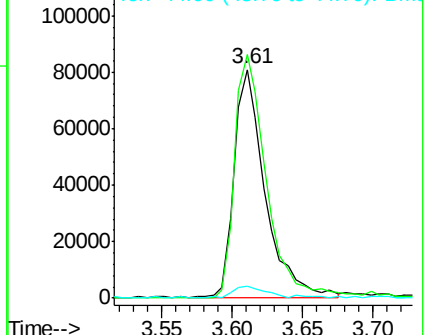
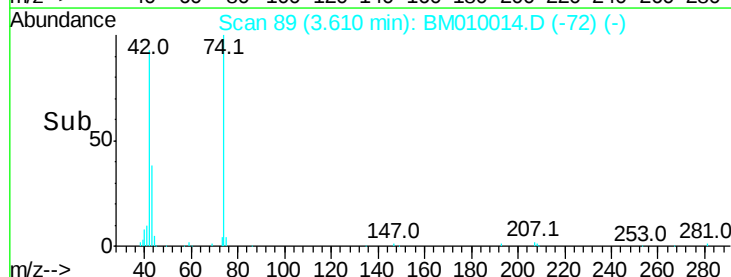
44 5.5 5.4 8.2

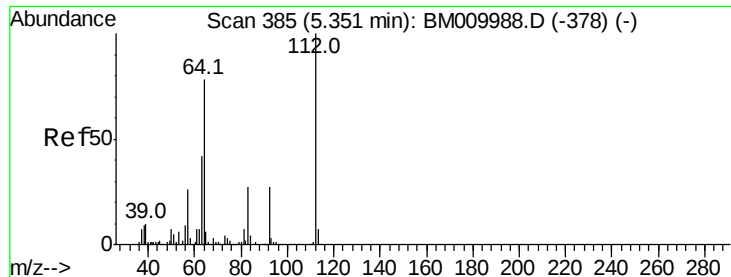


Abundance Ion 42.00 (41.70 to 42.70): BM010014.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM010014.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM010014.D (-72) (-)





#5

2-Fluorophenol

Concen: 140.41 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

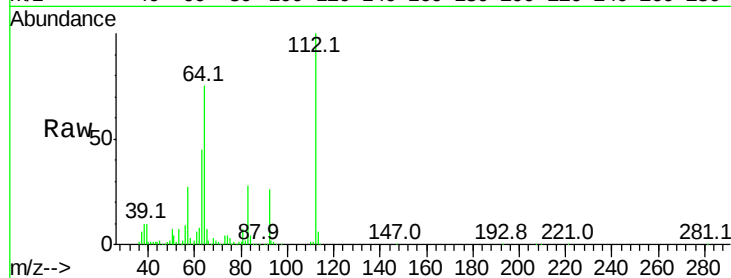
Tot Ion:112 Resp: 558585

Ion Ratio Lower Upper

112 100

64 74.6 38.6 57.8#

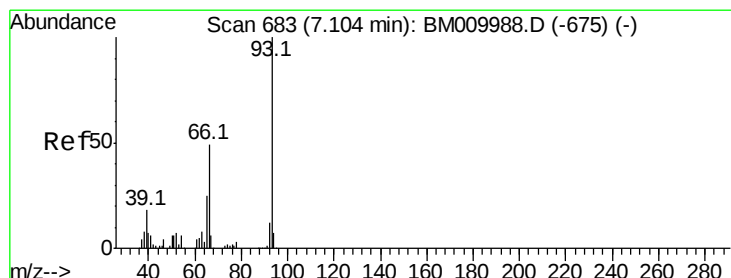
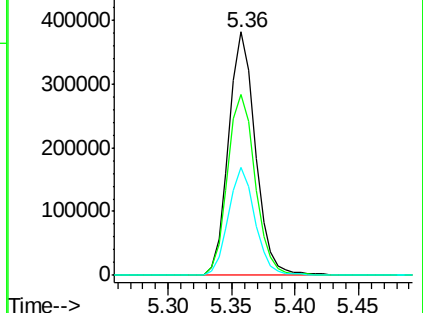
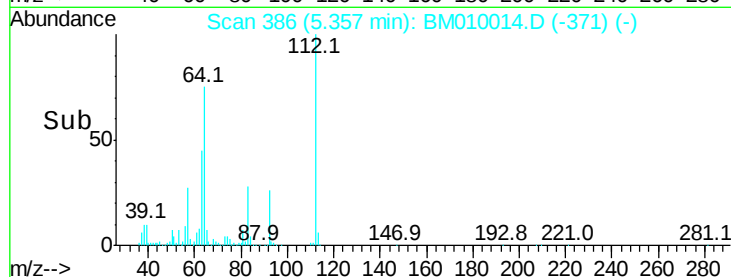
63 44.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.69 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

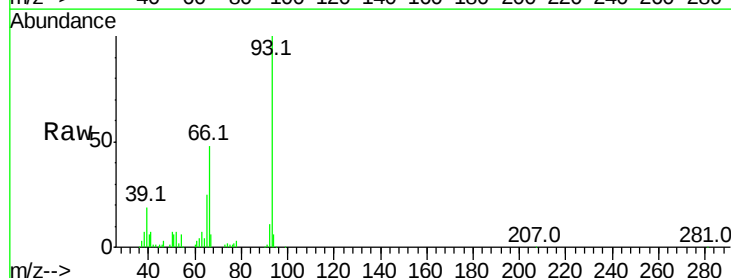
Tgt Ion: 93 Resp: 212592

Ion Ratio Lower Upper

93 100

66 47.7 30.8 46.2#

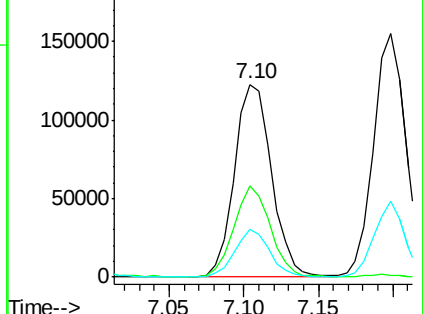
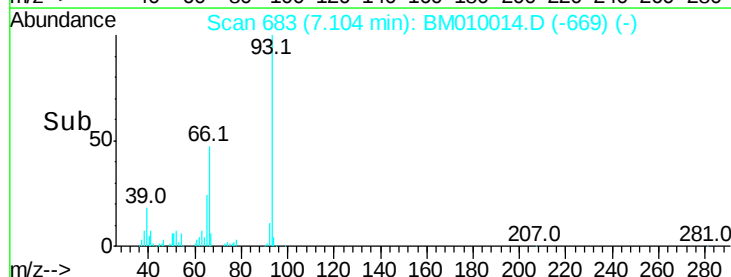
65 24.7 16.0 24.0#

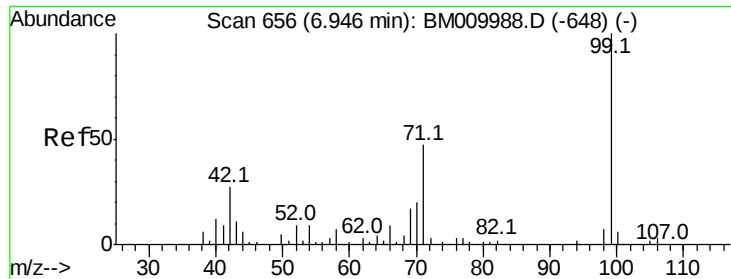


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 122.02 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

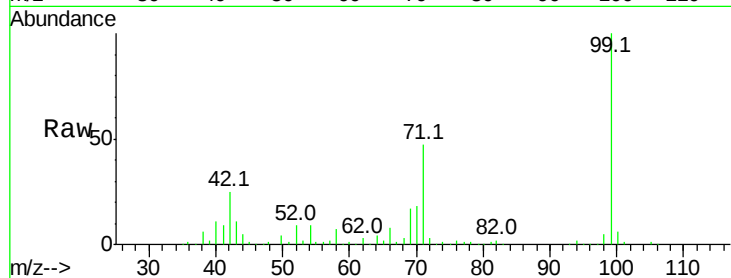
Tot Ion: 99 Resp: 777820

Ion Ratio Lower Upper

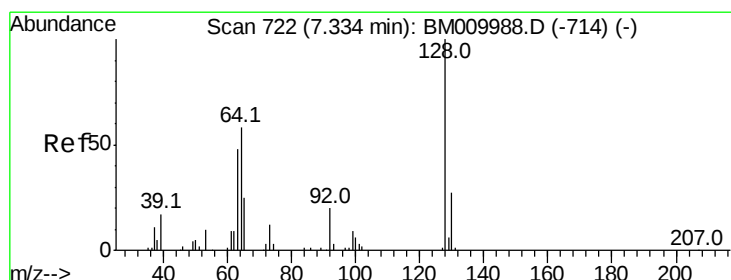
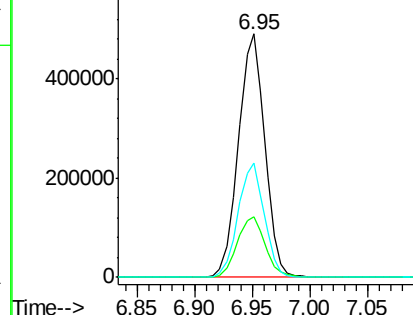
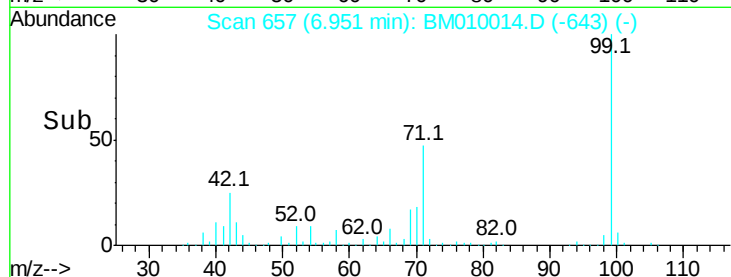
99 100

42 24.8 11.0 16.4#

71 46.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 45.57 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

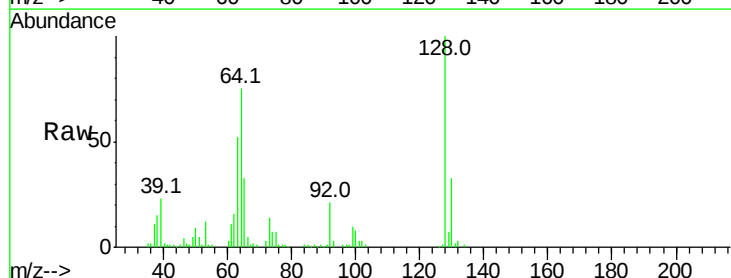
Tgt Ion:128 Resp: 196786

Ion Ratio Lower Upper

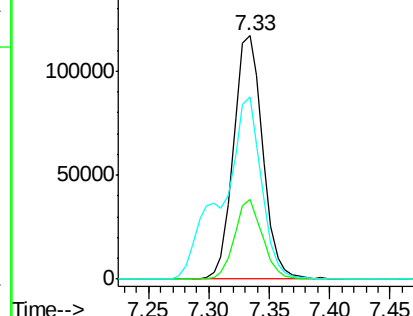
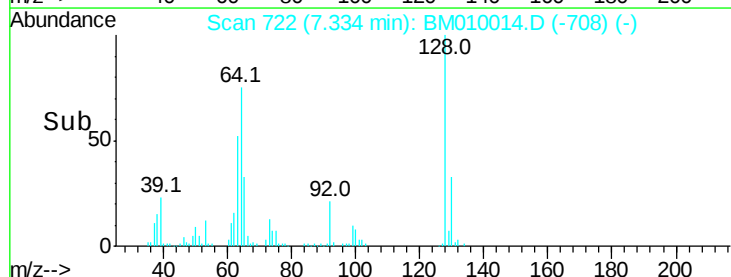
128 100

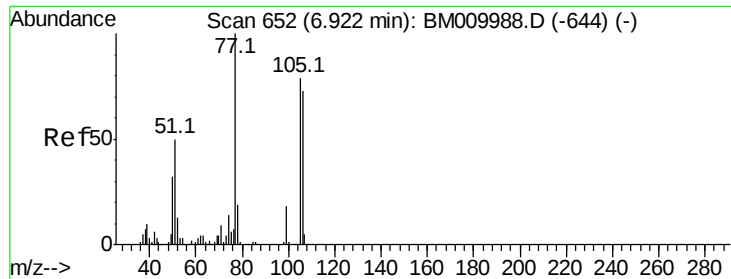
130 32.8 12.0 52.0

64 74.7 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 4.94 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

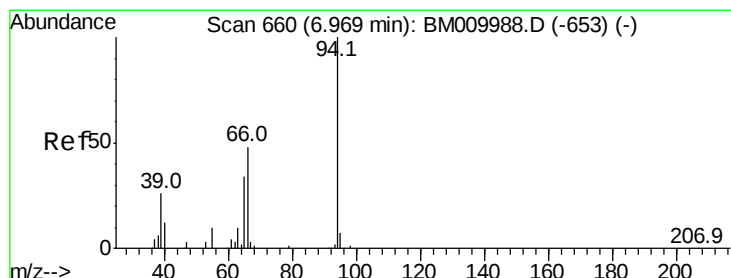
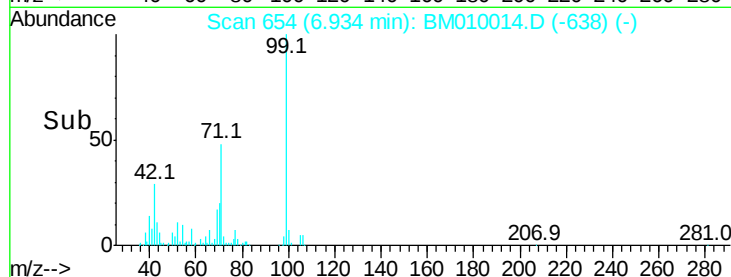
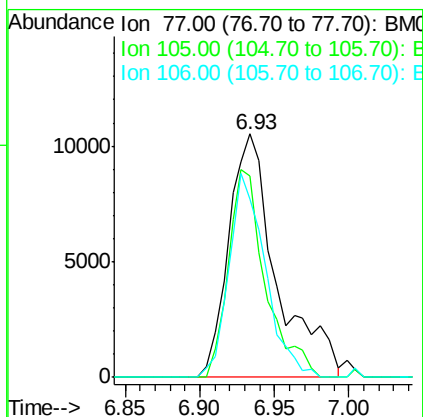
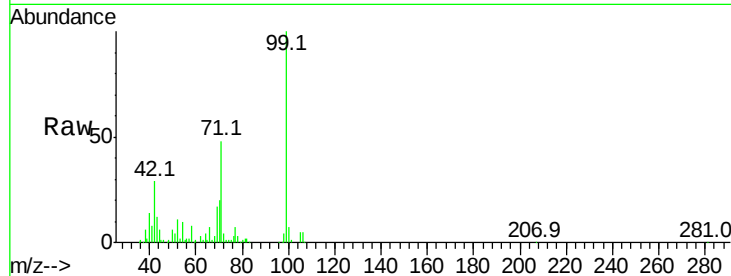
Tot Ion: 77 Resp: 23593

Ion Ratio Lower Upper

77 100

105 82.5 78.8 118.8

106 73.1 73.7 113.7#



#10

Phenol

Concen: 41.26 ng

RT: 6.97 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

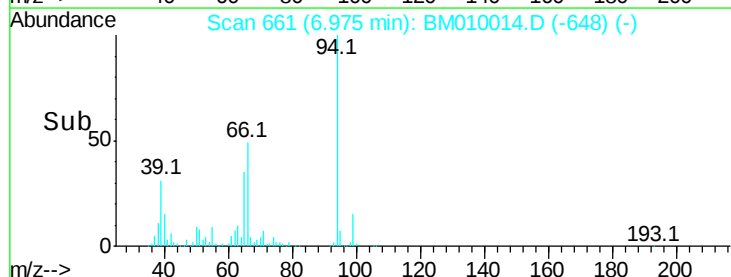
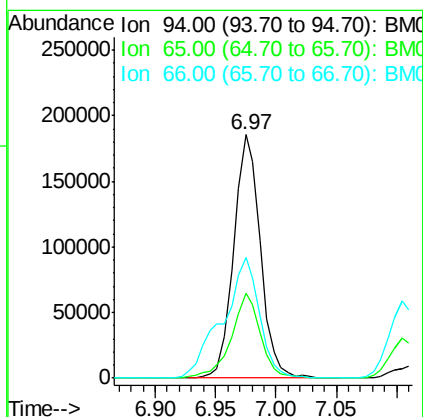
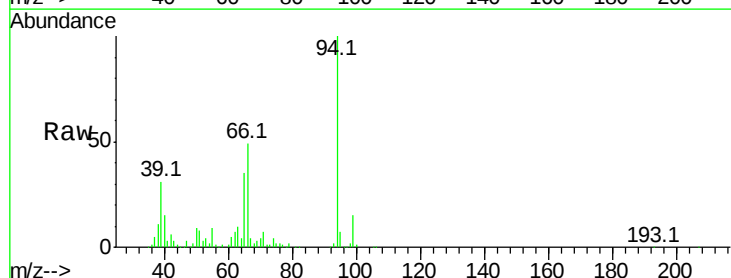
Tgt Ion: 94 Resp: 285783

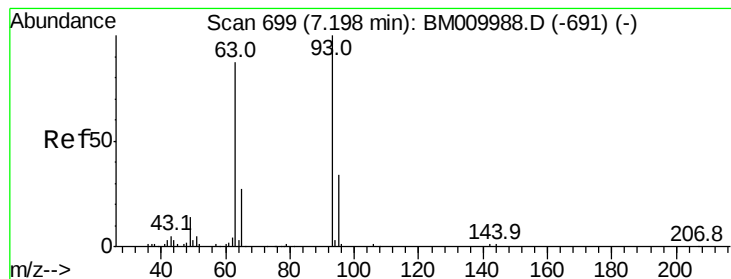
Ion Ratio Lower Upper

94 100

65 34.6 18.8 58.8

66 49.5 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 42.75 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

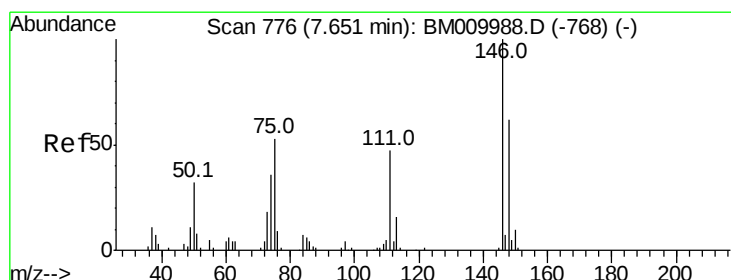
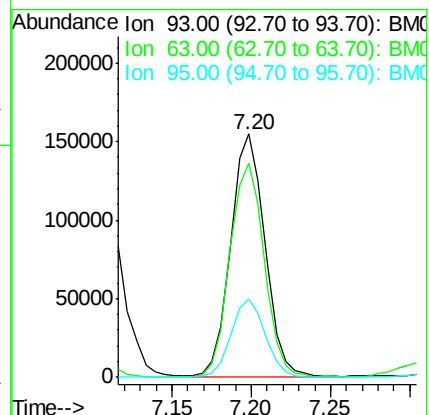
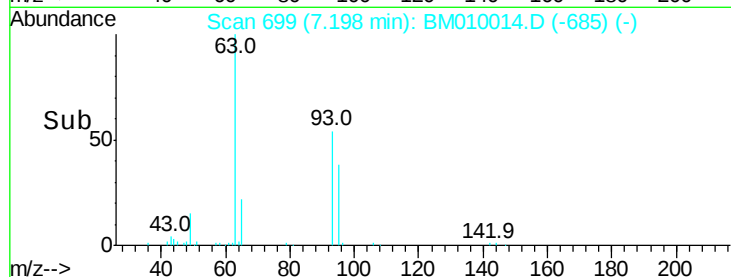
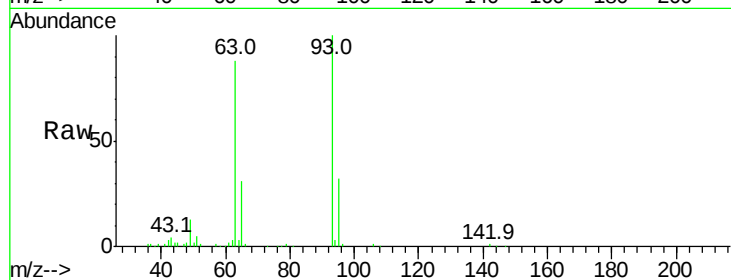
Tot Ion: 93 Resp: 230252

Ion Ratio Lower Upper

93 100

63 88.1 49.5 89.5

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 37.92 ng

RT: 7.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

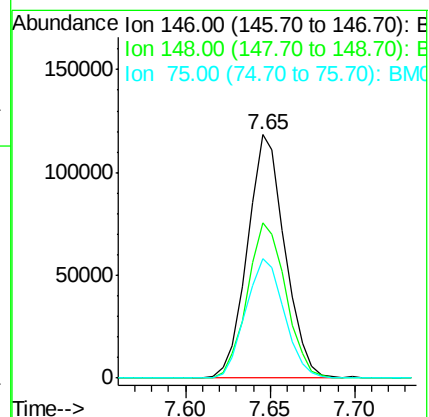
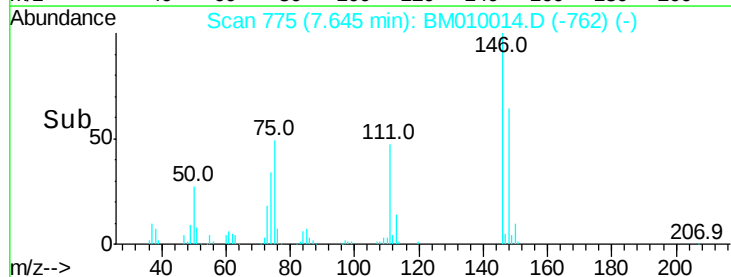
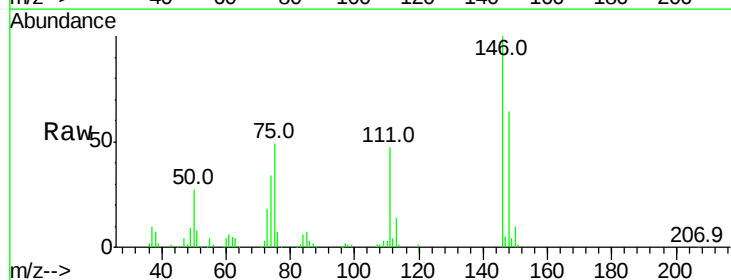
Tgt Ion: 146 Resp: 182802

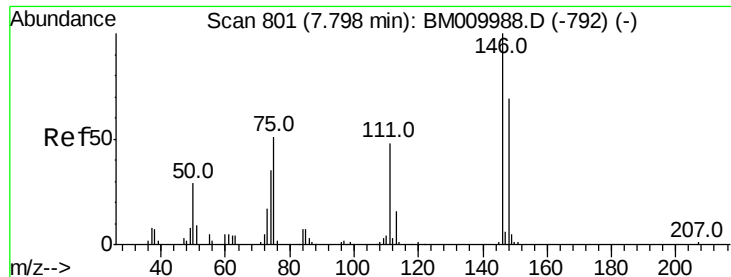
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 49.0 21.4 32.2#

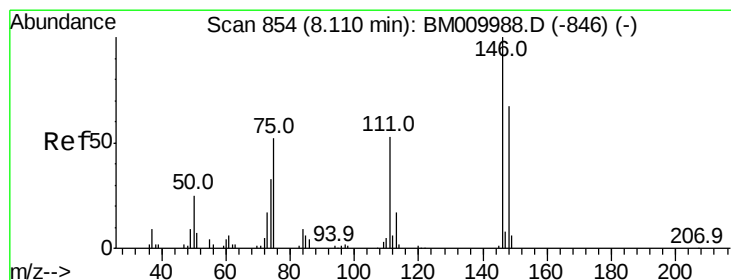
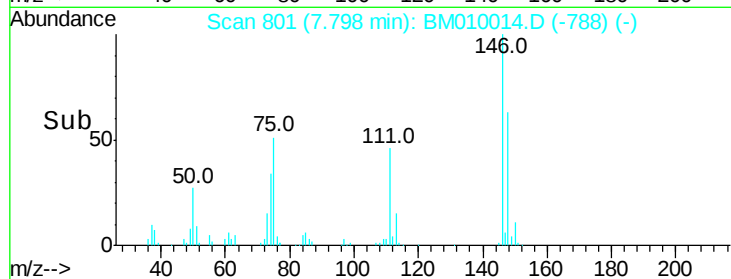
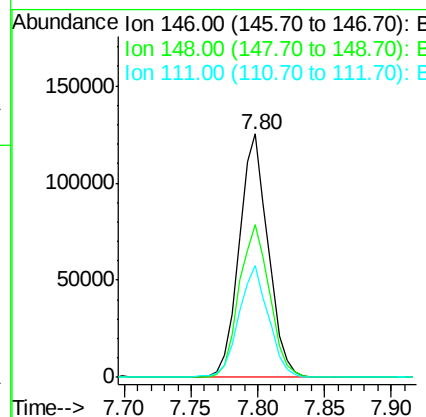
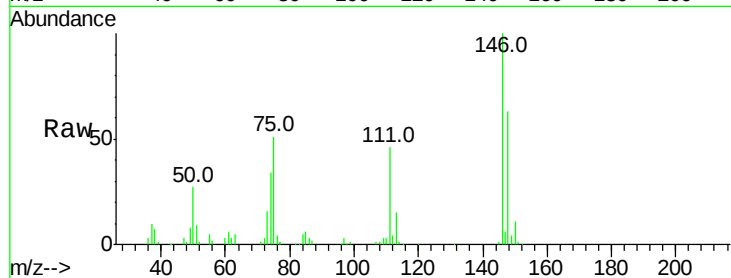




#13
 1,4-Dichlorobenzene
 Concen: 38.07 ng
 RT: 7.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

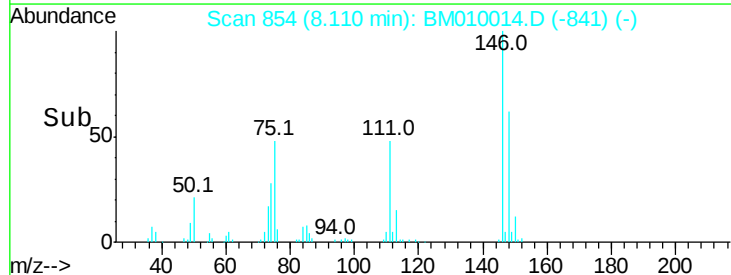
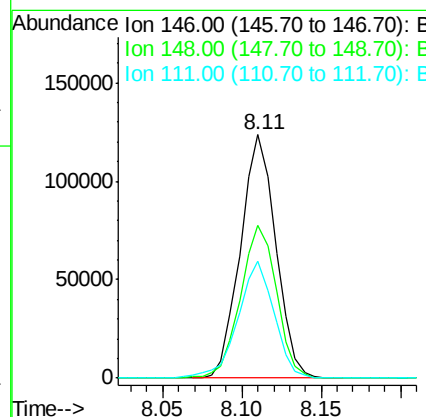
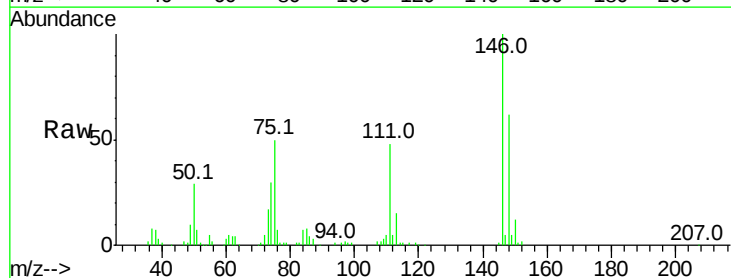
Instrument :
 BNA_M
 ClientSampleId :

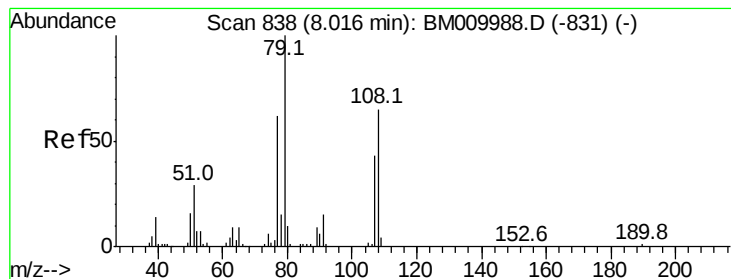
Tot Ion:146 Resp: 188063
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 111 46.0 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 39.84 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion:146 Resp: 190816
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.3 78.5
 111 48.1 30.6 45.8#





#15

Benzyl Alcohol

Concen: 51.88 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

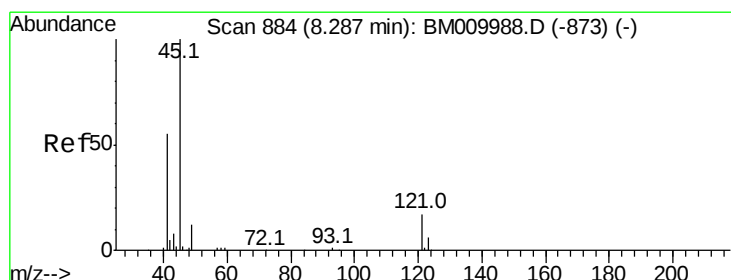
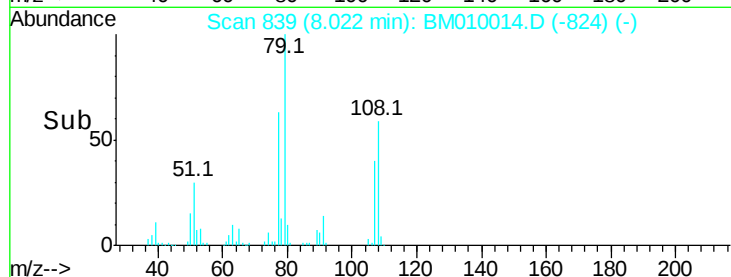
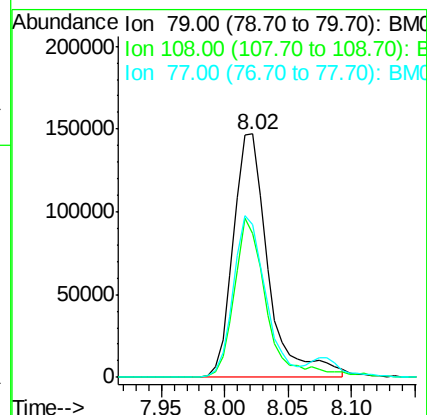
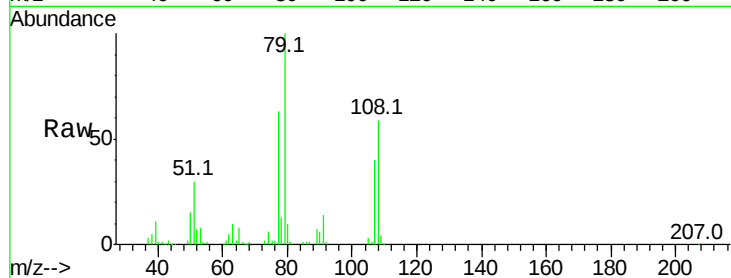
Tot Ion: 79 Resp: 281823

Ion Ratio Lower Upper

79 100

108 59.2 65.0 97.4#

77 62.8 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.03 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

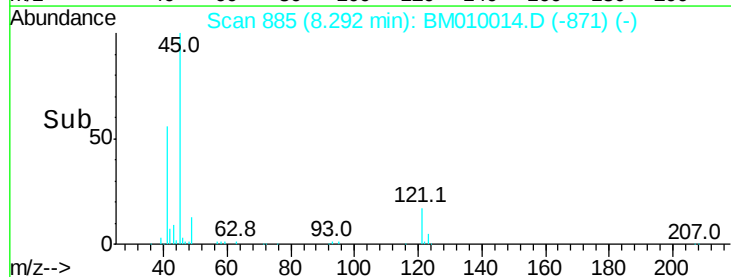
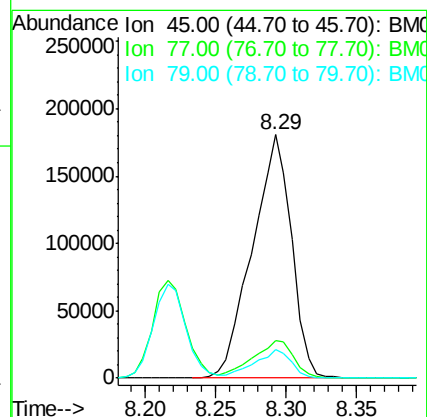
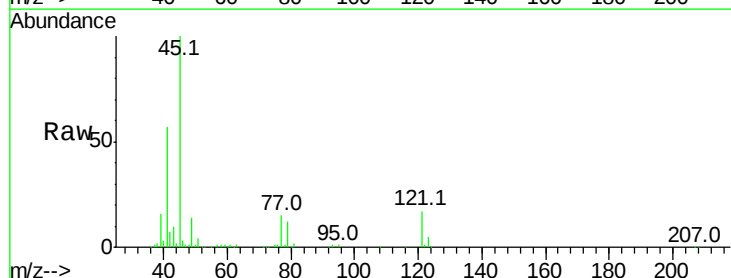
Tgt Ion: 45 Resp: 350708

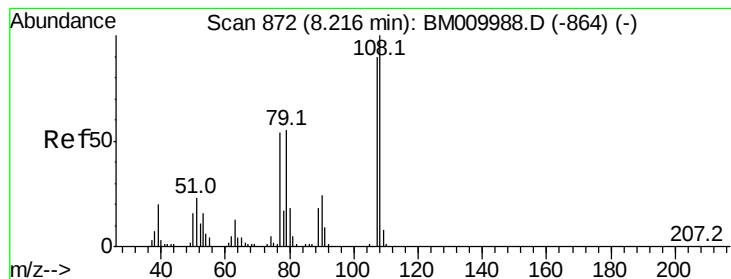
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.2

79 11.7 0.0 32.0

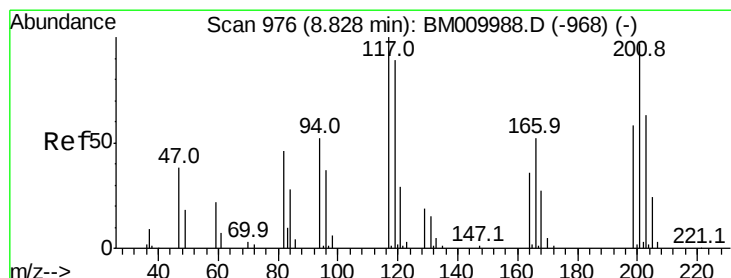
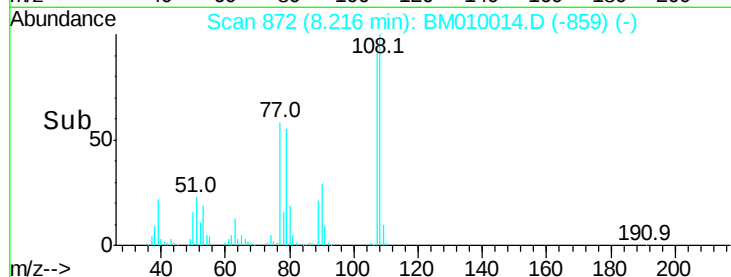
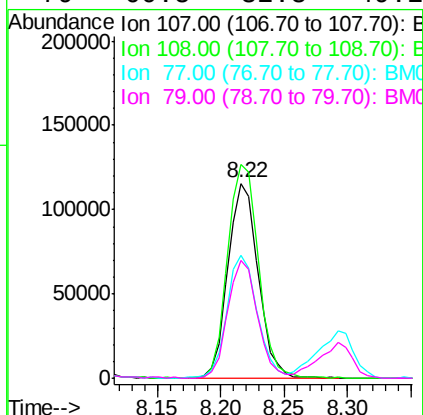
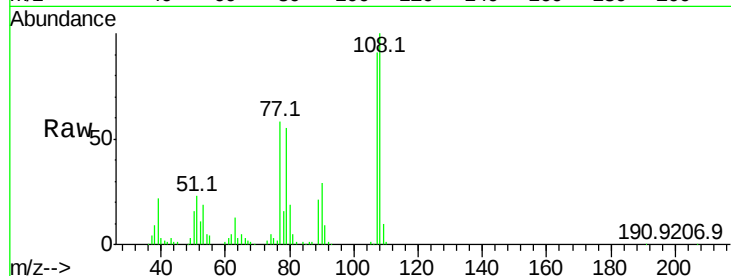




#17
2-Methylphenol
Concen: 41.93 ng
RT: 8.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

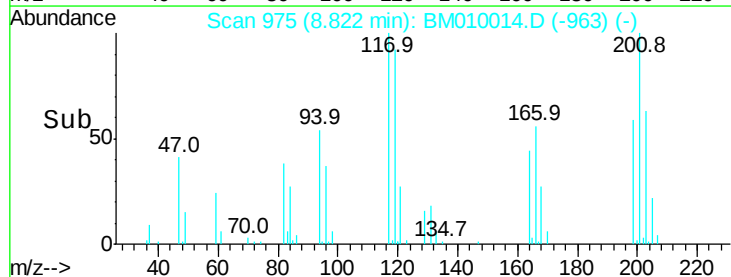
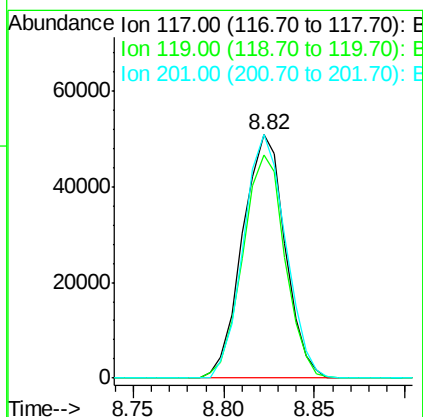
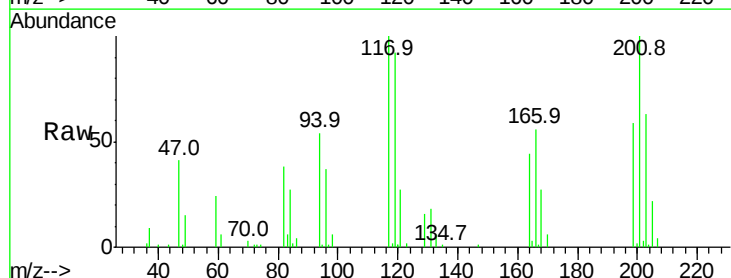
Instrument :
BNA_M
ClientSampleId :

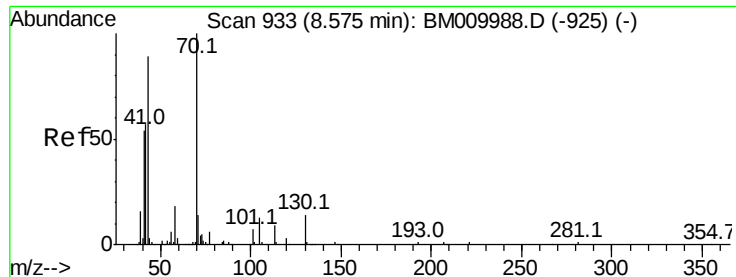
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	89.8	134.8
77	63.2	32.6	48.8
79	60.5	32.8	49.2



#18
Hexachloroethane
Concen: 40.59 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.03 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	79.2	118.8
201	100.1	69.8	104.6

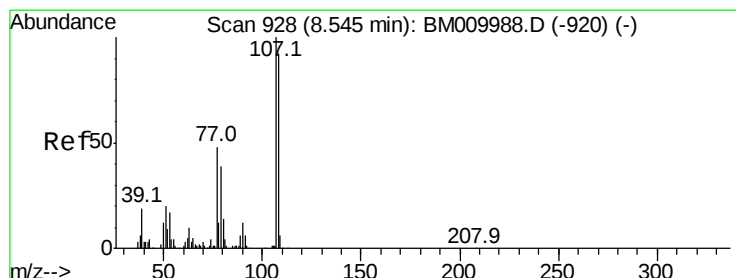
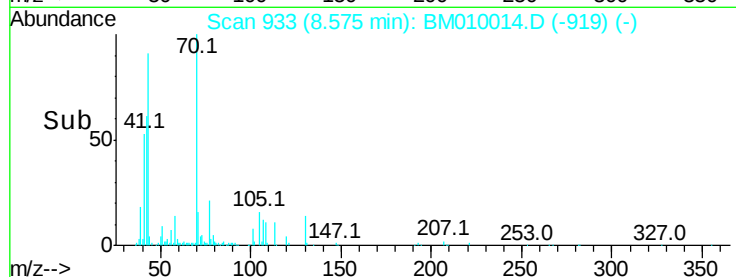
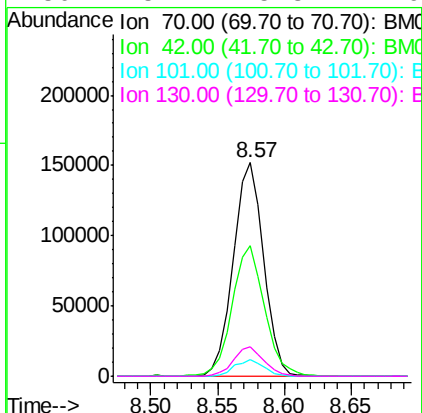
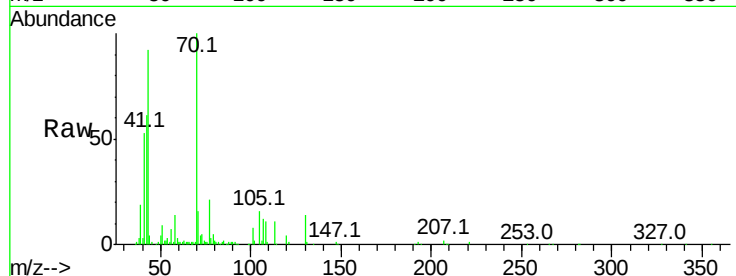




#19
n-Nitroso-di-n-propylamine
Concen: 41.49 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

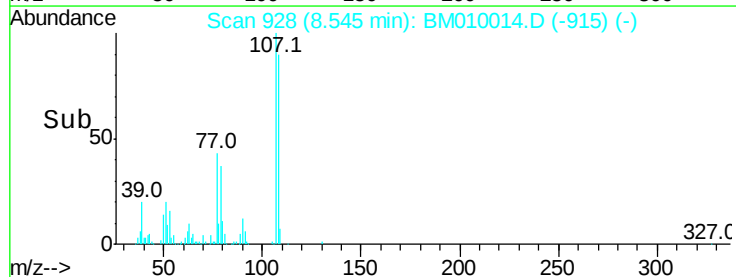
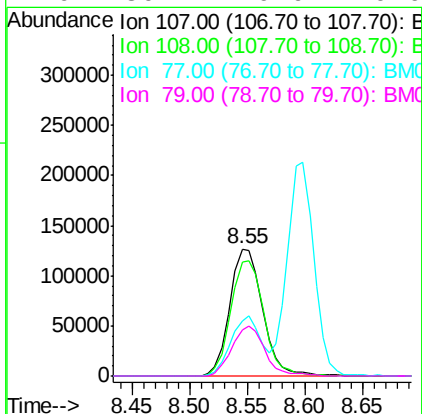
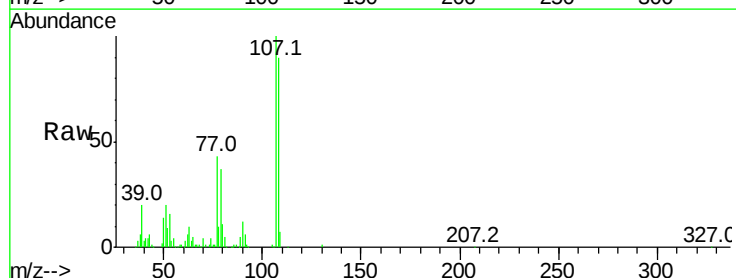
Instrument :
BNA_M
ClientSampleId :

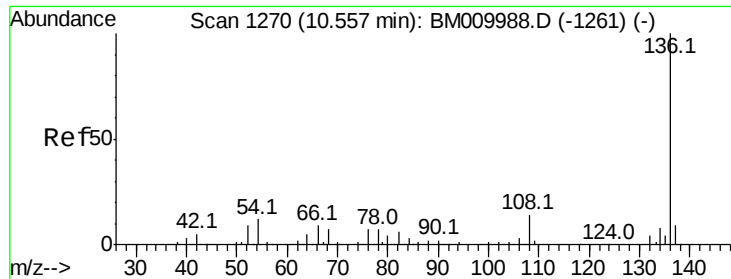
Tot Ion:	70	Resp:	239942
Ion	Ratio	Lower	Upper
70	100		
42	60.9	44.5	66.7
101	7.9	7.4	11.2
130	13.7	15.3	22.9#



#20
3+4-Methylphenols
Concen: 40.73 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:	107	Resp:	250687
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.2	113.2
77	43.1	10.7	50.7
79	36.7	9.6	49.6

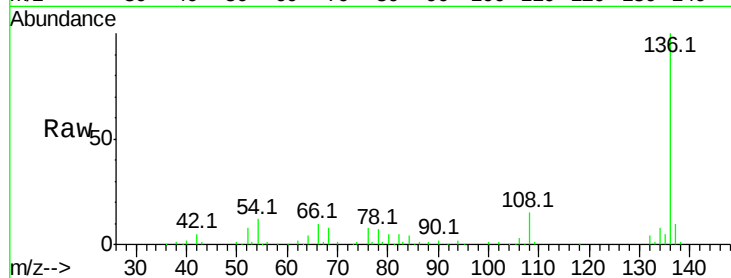




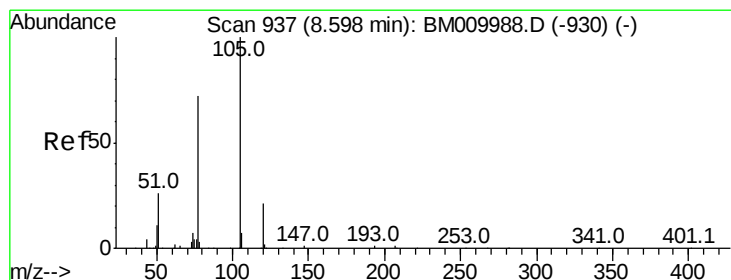
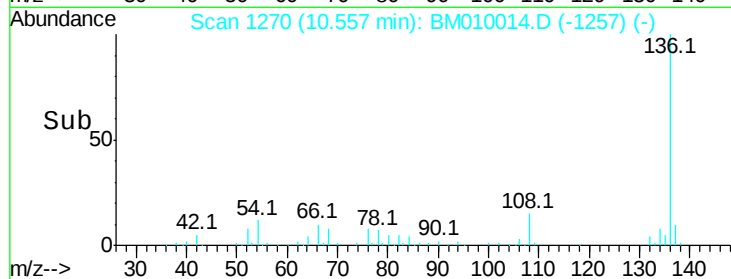
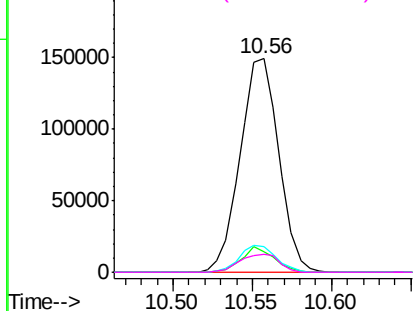
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	252414
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	11.7	4.6	6.8#
68	8.5	3.7	5.5#

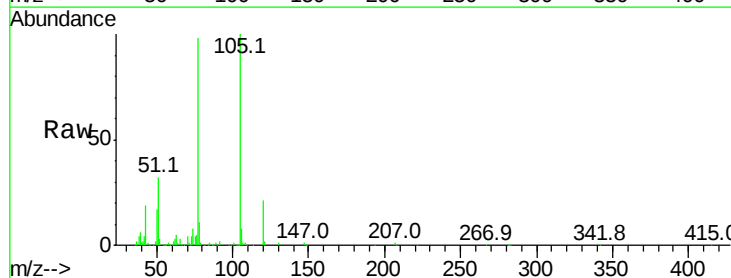


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

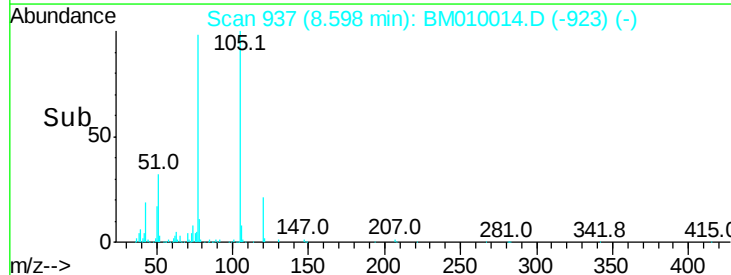
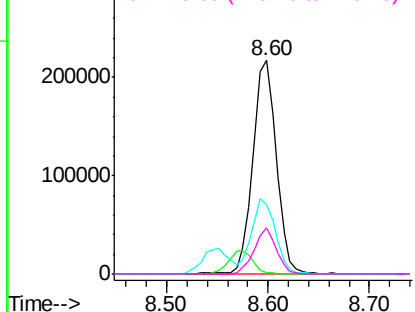


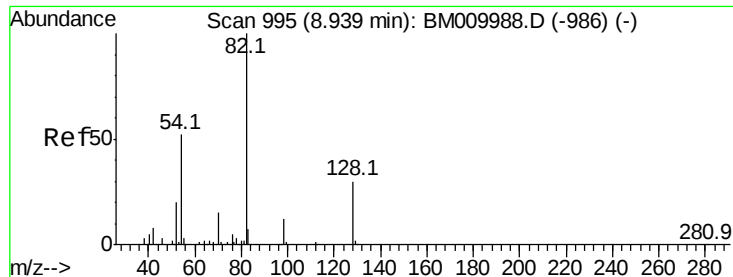
#22
Acetophenone
Concen: 45.81 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:	105	Resp:	353495
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	32.2	21.6	32.4
120	21.3	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.88 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010014.D

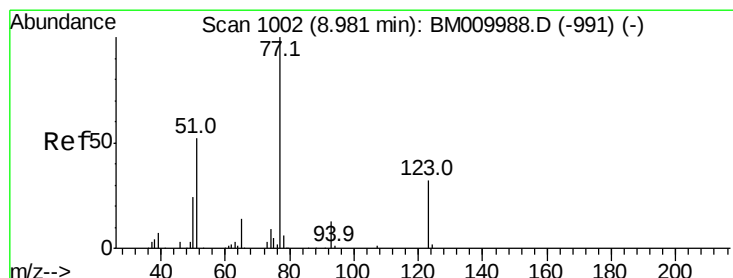
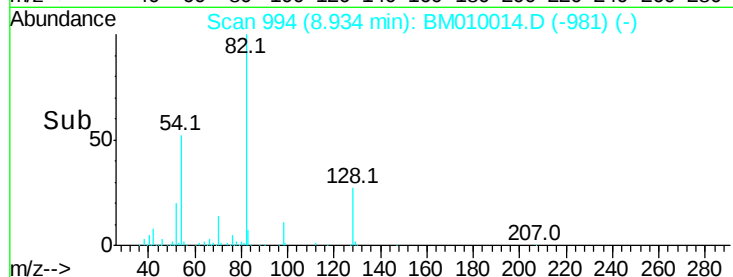
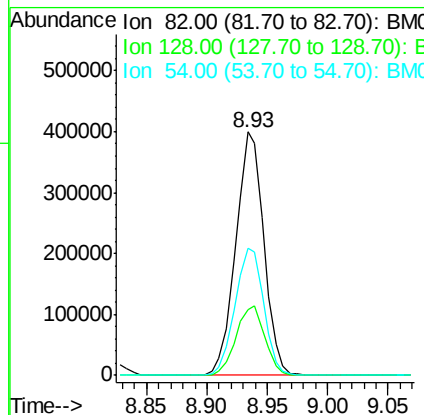
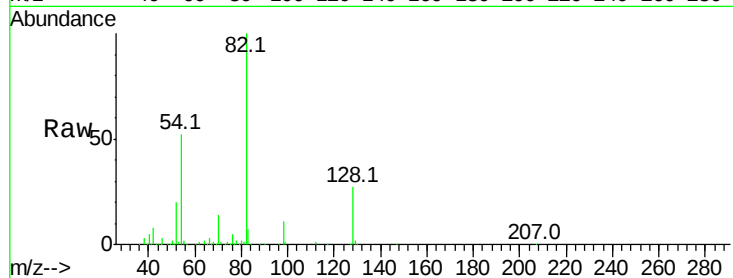
Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

Tot Ion	82	Resp	648398
Ion	Ratio	Lower	Upper
82	100		
128	27.2	32.8	49.2#
54	52.2	40.6	60.8



#24

Nitrobenzene

Concen: 47.45 ng

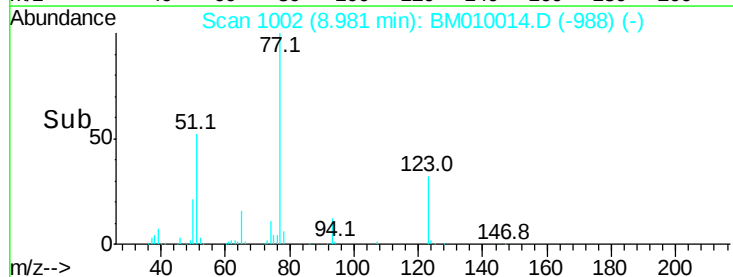
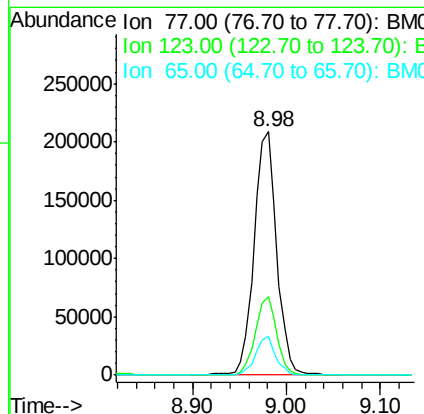
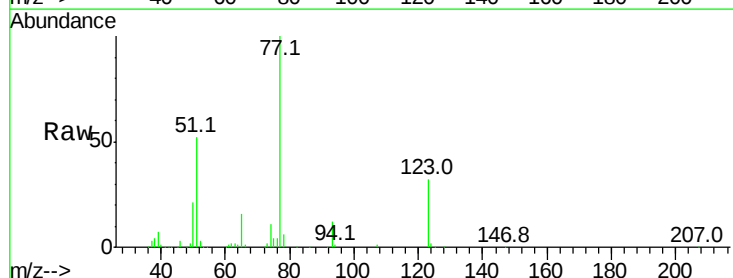
RT: 8.98 min Scan# 1002

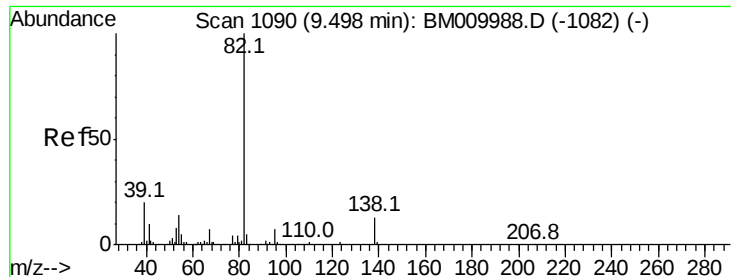
Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Tgt Ion	77	Resp	348750
Ion	Ratio	Lower	Upper
77	100		
123	32.0	32.6	49.0#
65	15.8	10.9	16.3





#25

Isophorone

Concen: 47.55 ng

RT: 9.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

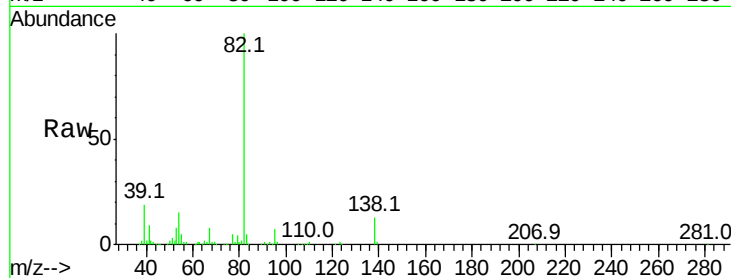
Tot Ion: 82 Resp: 565148

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

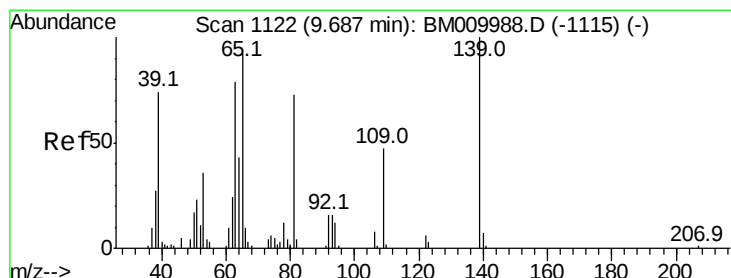
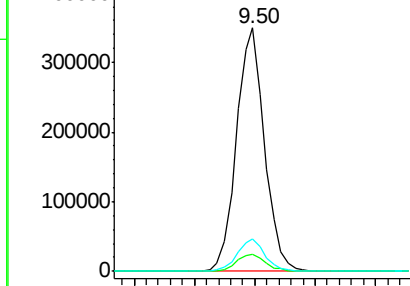
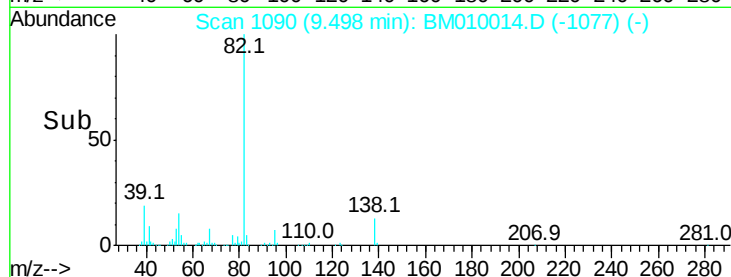
138 13.1 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010014.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM010014.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM010014.D (-1077) (-)



#26

2-Nitrophenol

Concen: 47.06 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

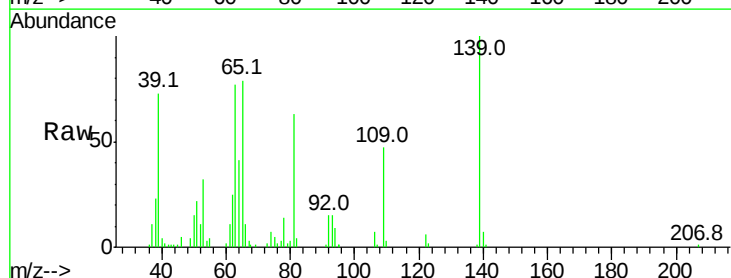
Tgt Ion: 139 Resp: 104158

Ion Ratio Lower Upper

139 100

109 47.1 20.1 30.1#

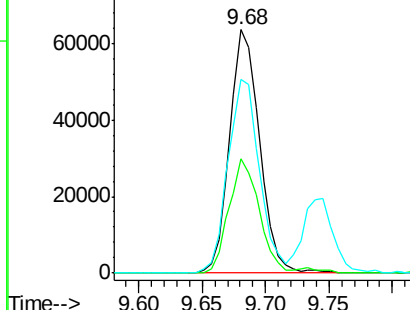
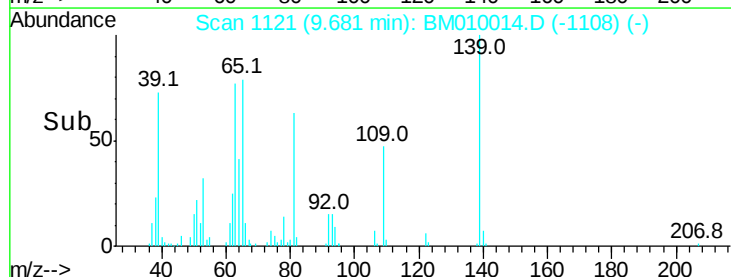
65 79.4 31.5 47.3#

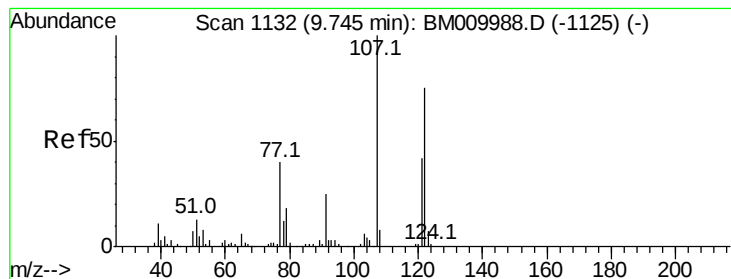


Abundance Ion 139.00 (138.70 to 139.70): BM010014.D (-1108) (-)

Ion 109.00 (108.70 to 109.70): BM010014.D (-1108) (-)

Ion 65.00 (64.70 to 65.70): BM010014.D (-1108) (-)

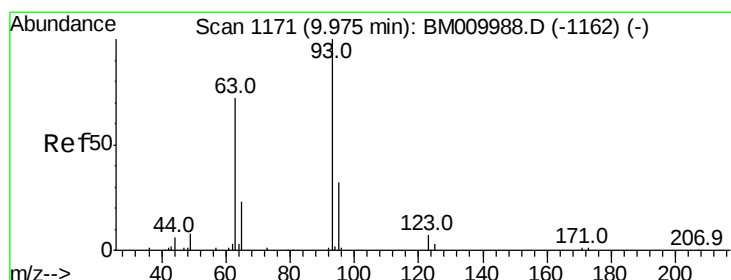
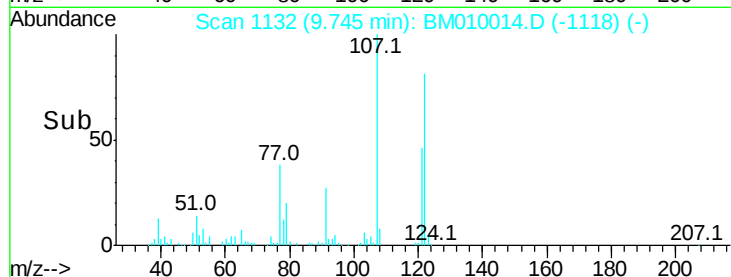
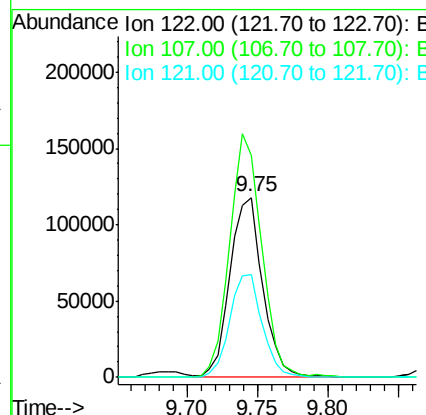
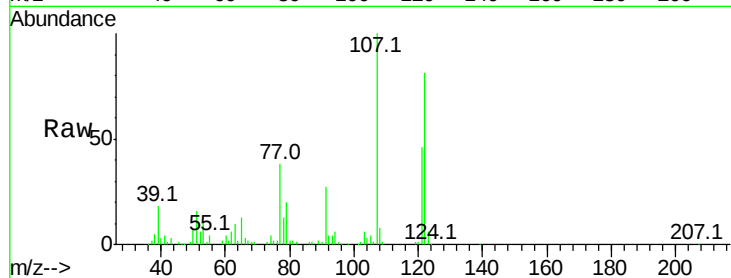




#27
 2,4-Dimethylphenol
 Concen: 45.83 ng
 RT: 9.75 min Scan# 1132
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

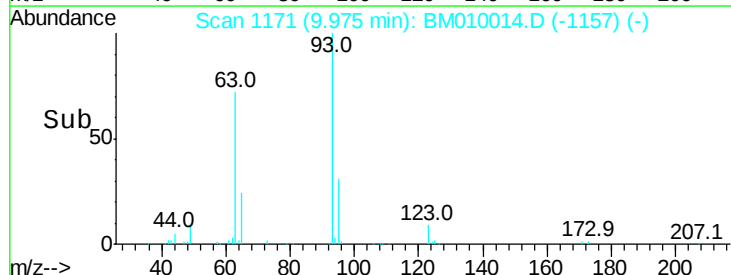
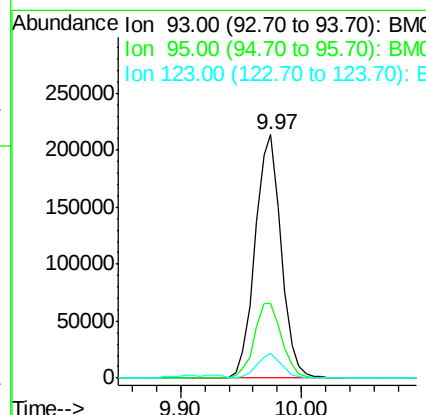
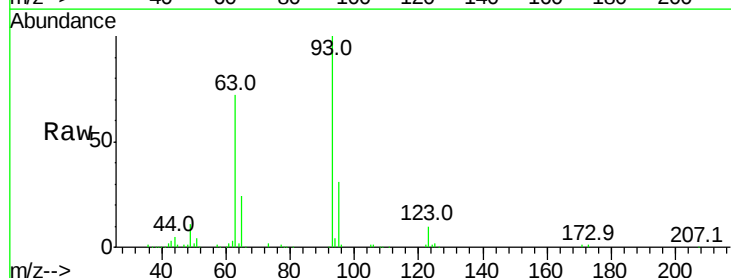
Instrument :
 BNA_M
 ClientSampleId :

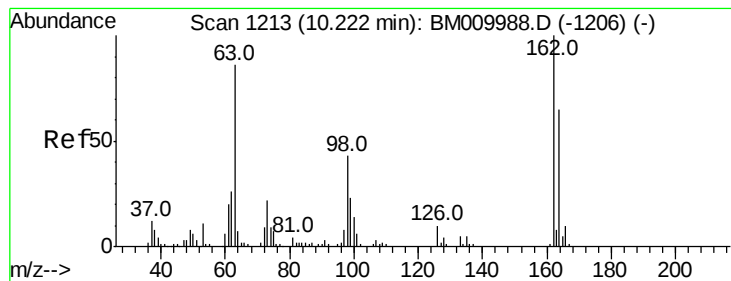
Tot Ion:122 Resp: 189884
 Ion Ratio Lower Upper
 122 100
 107 123.3 84.7 127.1
 121 56.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.99 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion: 93 Resp: 322175
 Ion Ratio Lower Upper
 93 100
 95 30.6 25.5 38.3
 123 9.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 48.32 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

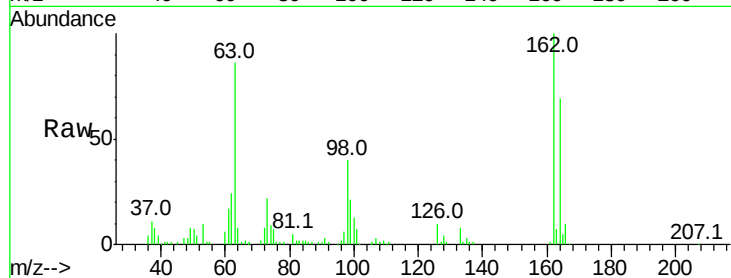
Tot Ion:162 Resp: 194790

Ion Ratio Lower Upper

162 100

164 68.5 42.8 82.8

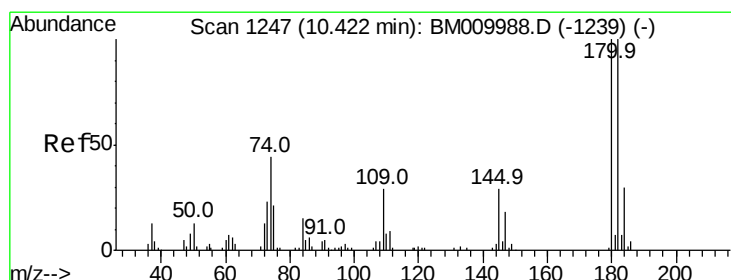
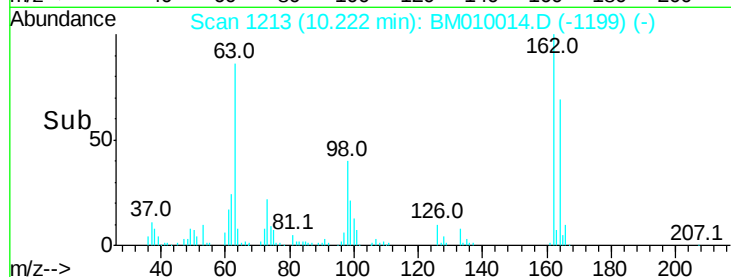
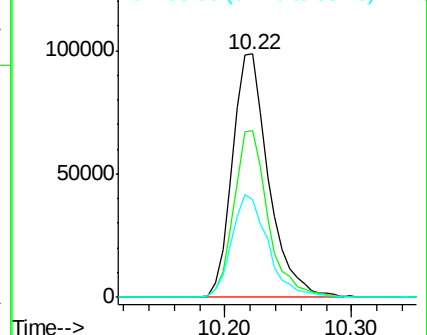
98 40.1 14.5 54.5



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: 44.57 ng

RT: 10.42 min Scan# 1246

Delta R.T. -0.03 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

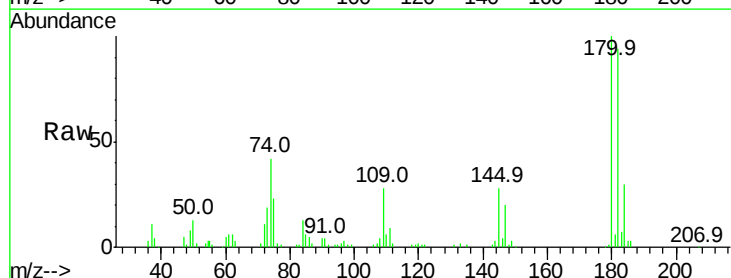
Tgt Ion:180 Resp: 209794

Ion Ratio Lower Upper

180 100

182 94.0 77.6 116.4

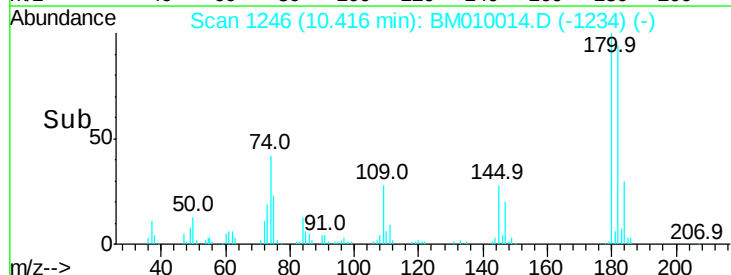
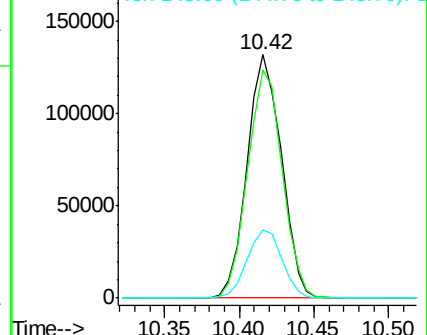
145 27.9 23.4 35.2

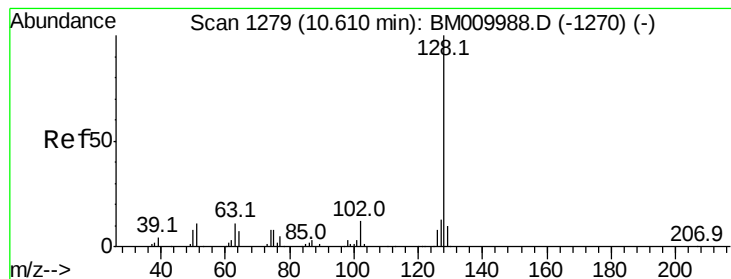


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

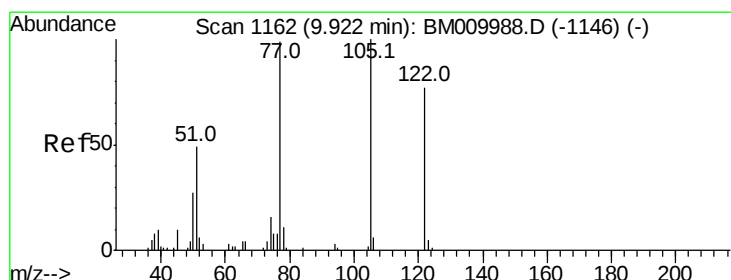
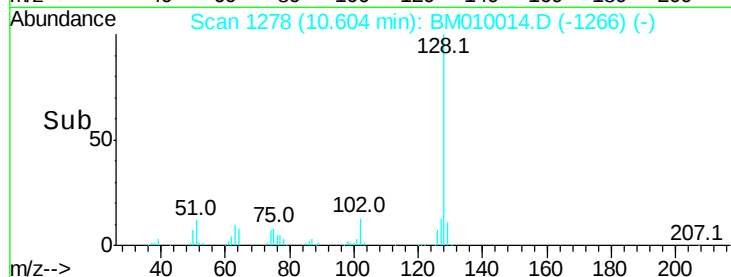
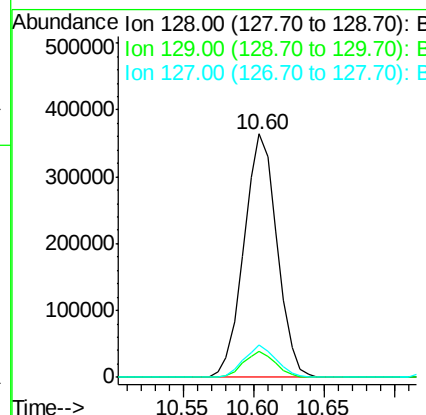
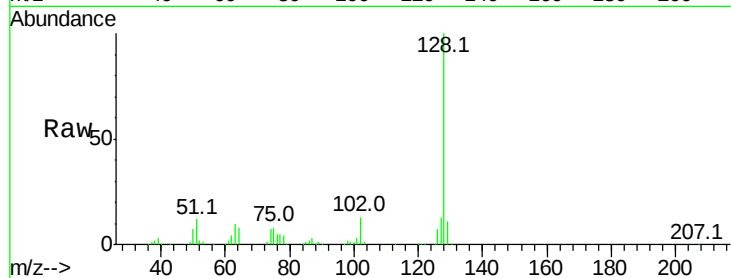




#31
Naphthalene
Concen: 43.02 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

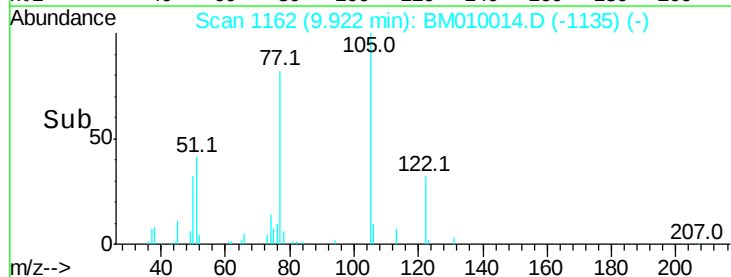
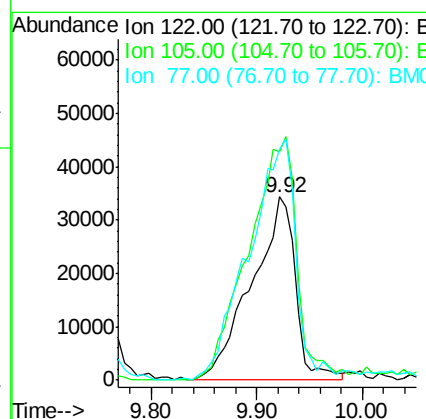
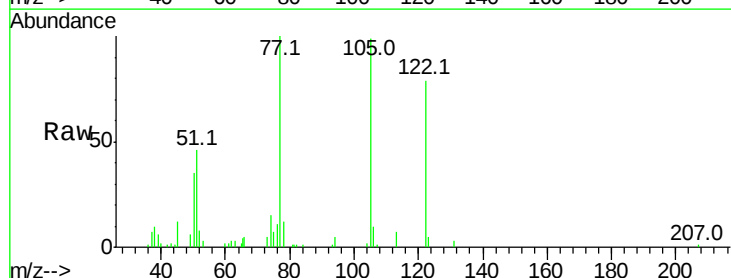
Instrument :
BNA_M
ClientSampleId :

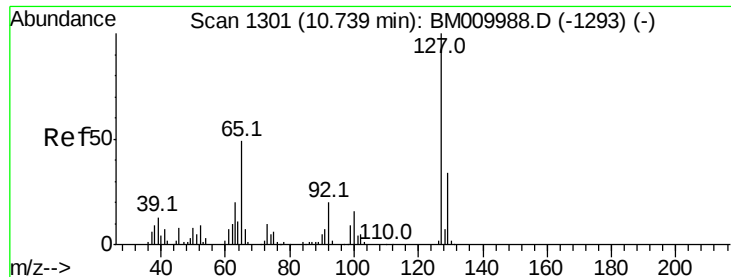
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6



#32
Benzoic acid
Concen: 35.66 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	99.9	139.9
77	126.1	73.7	113.7#

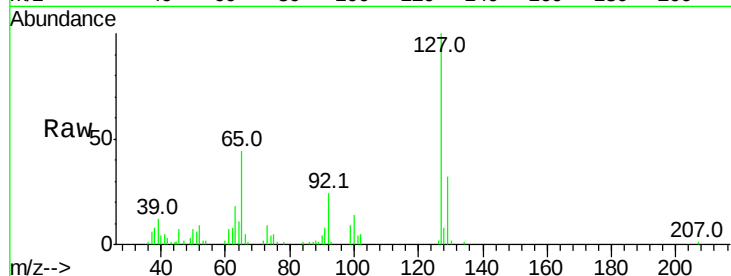




#33
4-Chloroaniline
Concen: 16.31 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	44.4	17.6	26.4
92	24.5	13.1	19.7



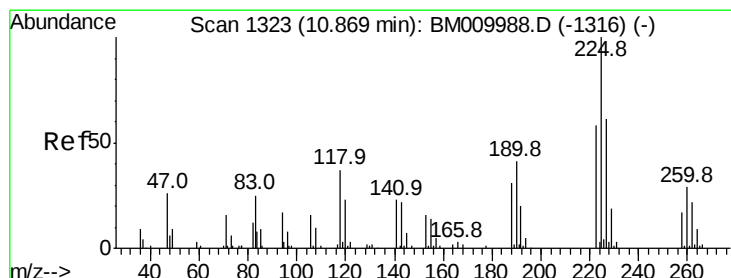
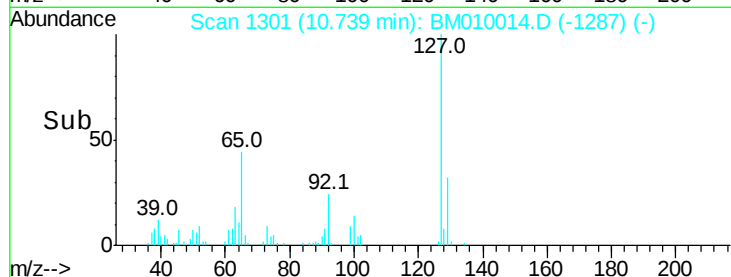
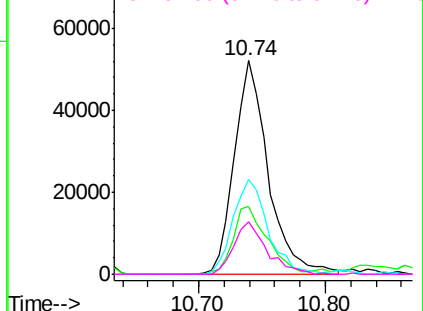
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

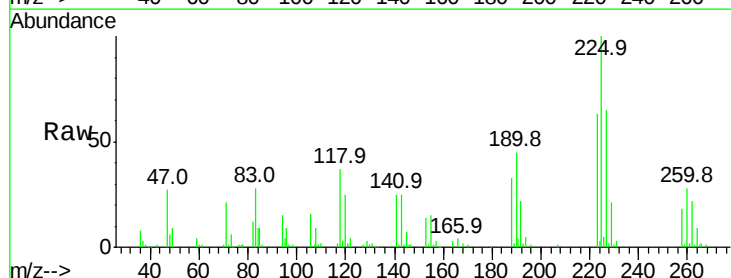
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 42.67 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.9	71.9
227	64.9	50.1	75.1

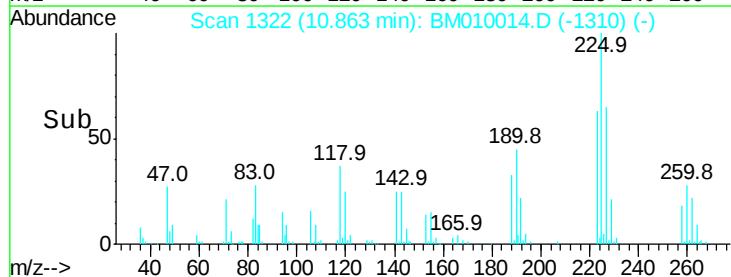
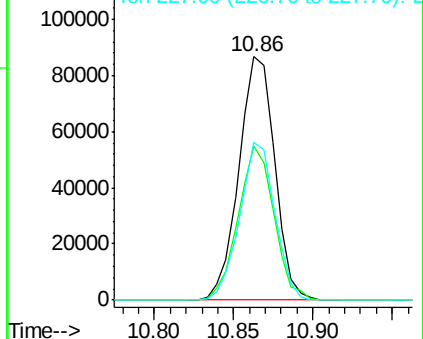


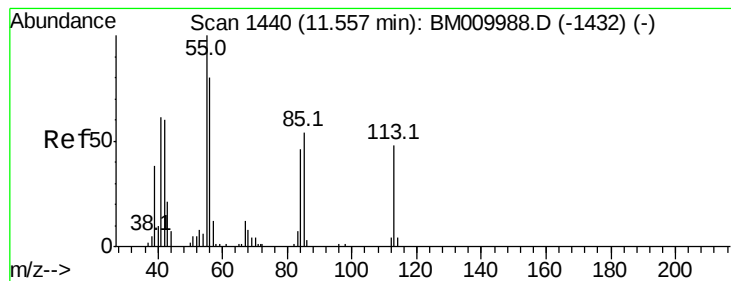
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.40 ng

RT: 11.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

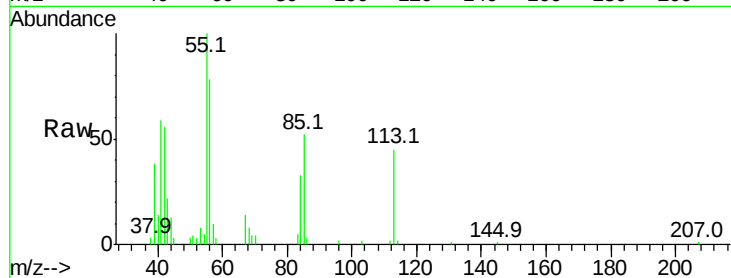
Tot Ion:113 Resp: 46305

Ion Ratio Lower Upper

113 100

55 221.9 145.9 185.9#

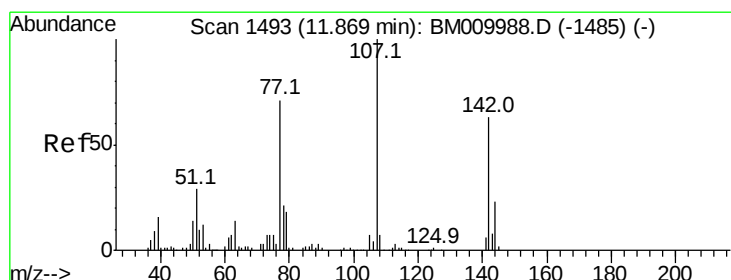
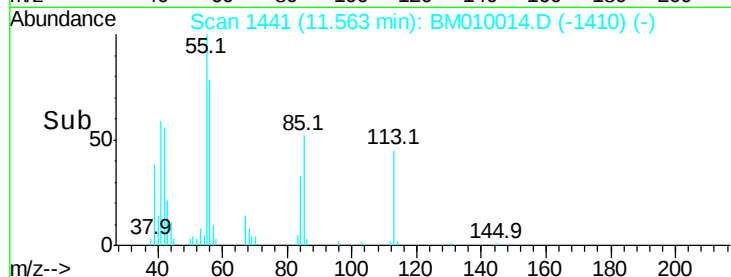
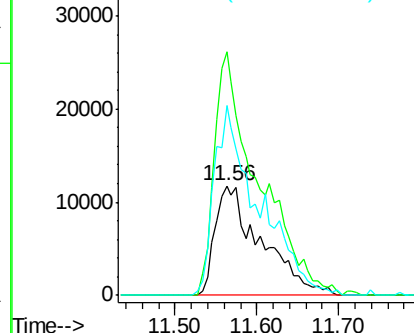
56 173.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.12 ng

RT: 11.87 min Scan# 1493

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

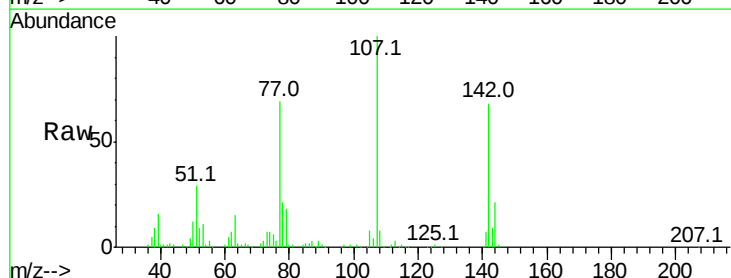
Tgt Ion:107 Resp: 226874

Ion Ratio Lower Upper

107 100

144 21.5 23.3 34.9#

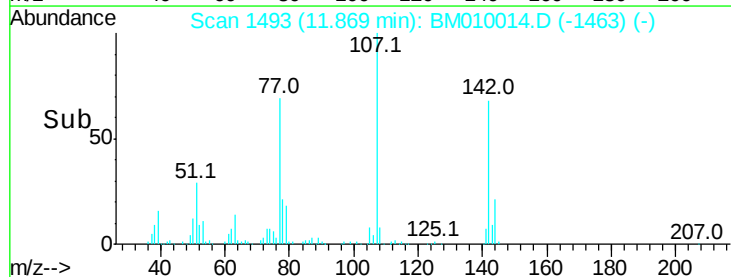
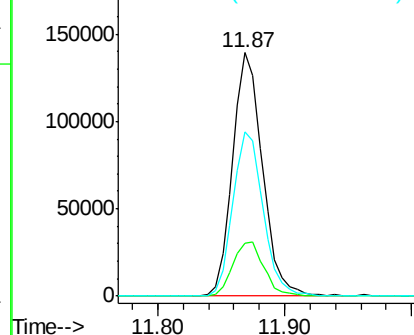
142 67.6 72.6 109.0#

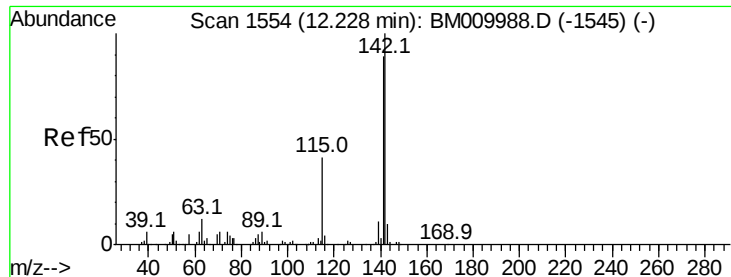


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

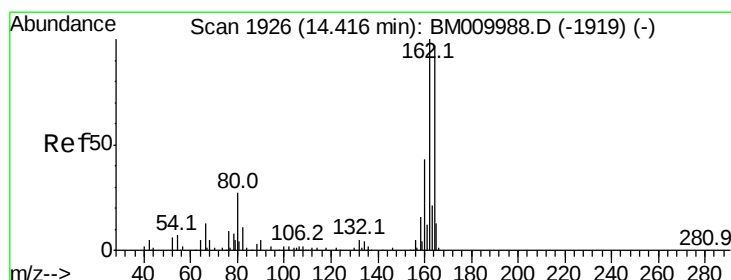
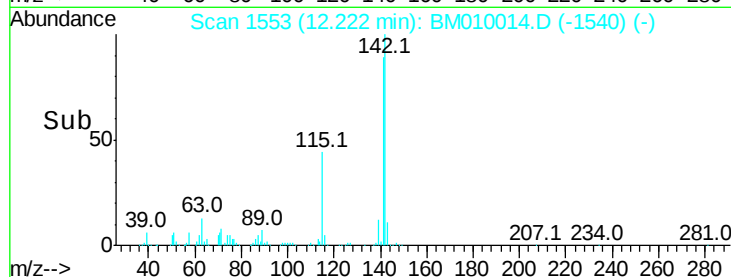
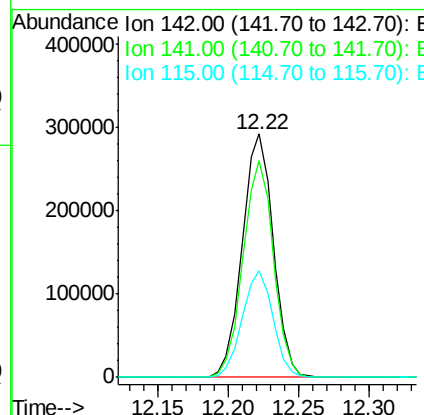
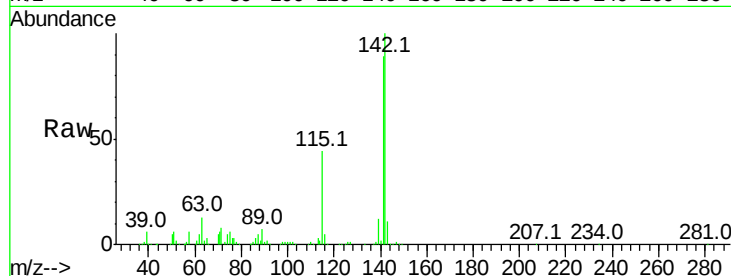




#37
2-Methylnaphthalene
Concen: 45.23 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

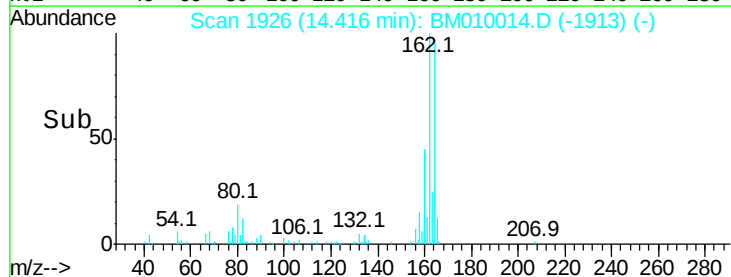
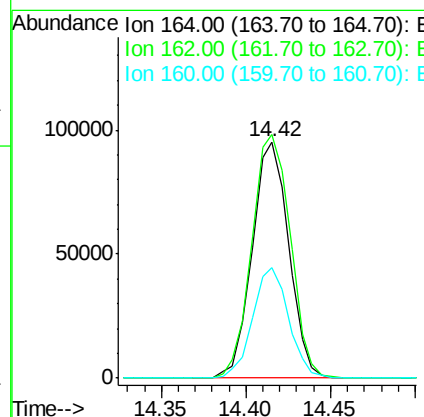
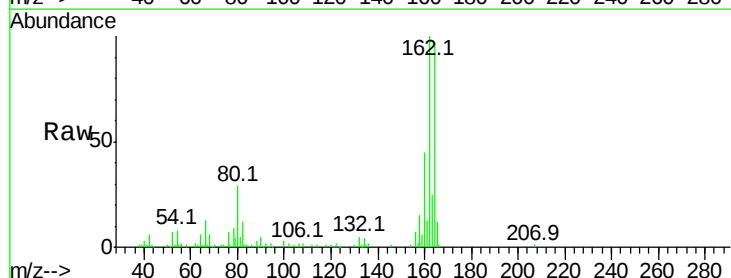
Instrument :
BNA_M
ClientSampleId :

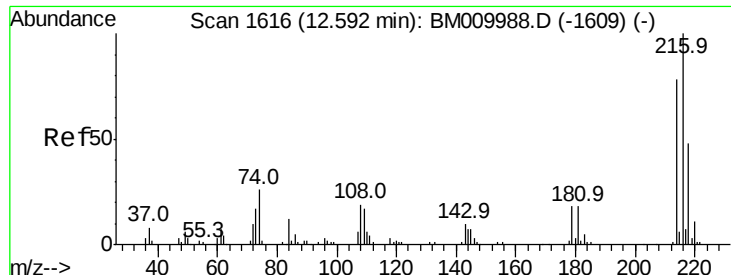
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	43.8	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	46.8	35.8	53.6

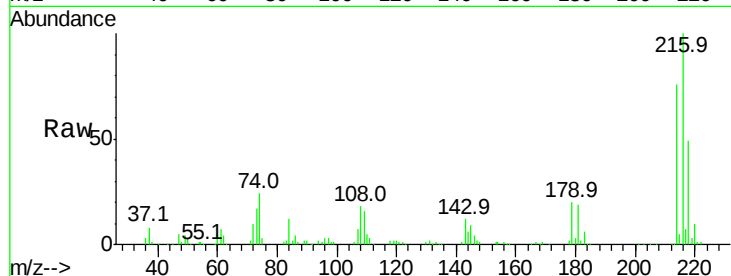




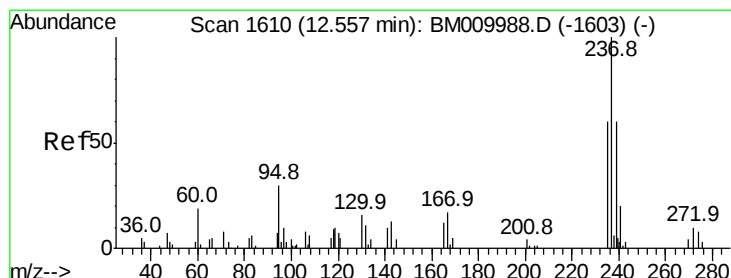
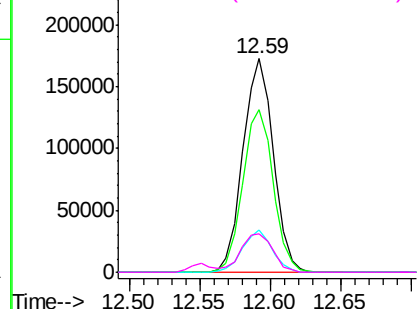
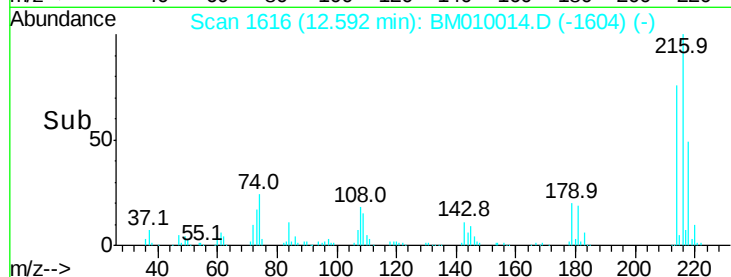
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.67 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	259835
Ion	Ratio	Lower	Upper
216	100		
214	76.3	0.0	0.0#
179	19.2	0.0	0.0#
108	19.1	0.0	0.0#

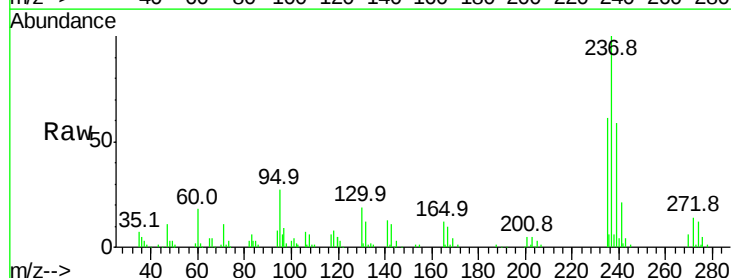


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

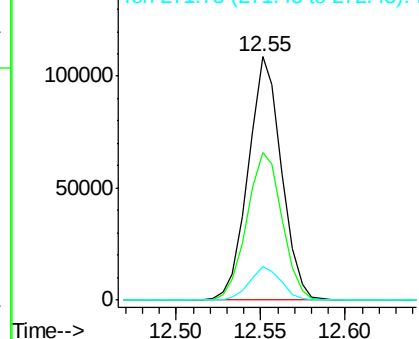
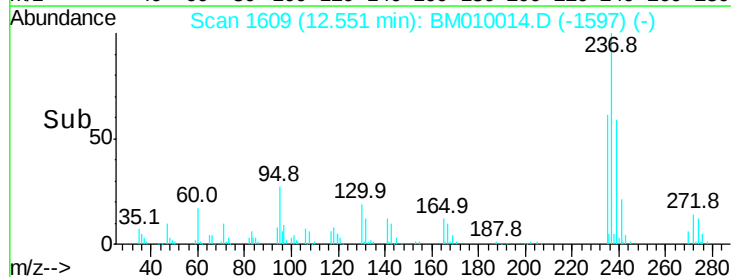


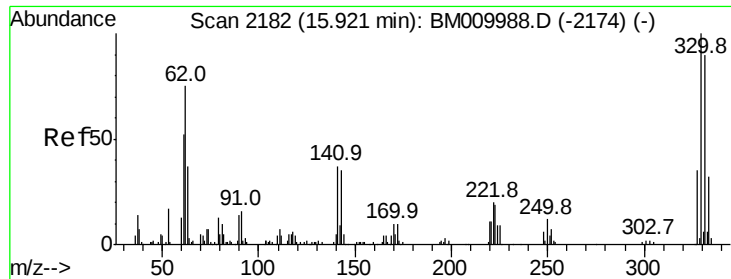
#40
 Hexachlorocyclopentadiene
 Concen: 97.43 ng
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.03 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion:	237	Resp:	148771
Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.0	82.0
272	14.1	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

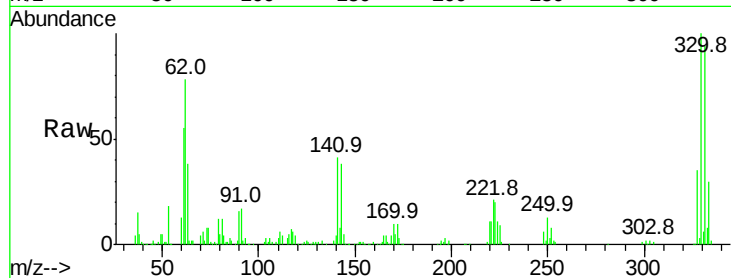




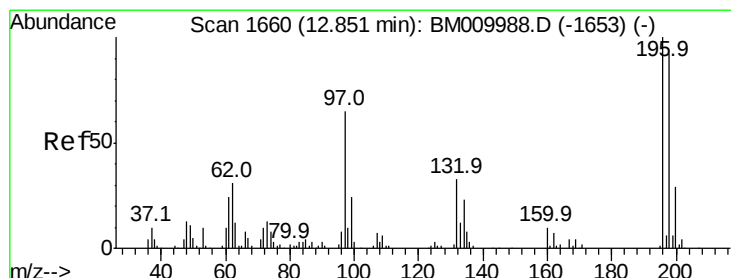
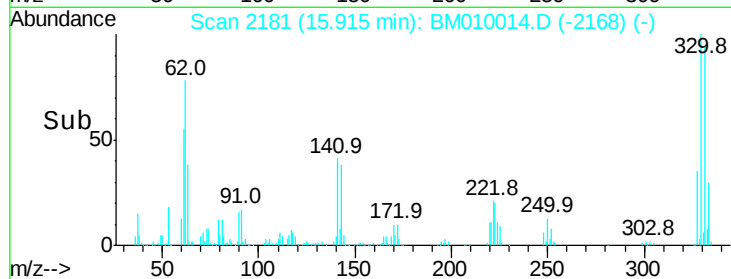
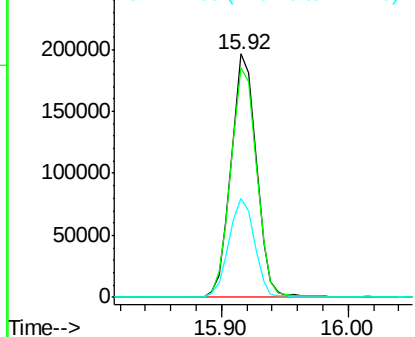
#41
 2,4,6-Tribromophenol
 Concen: 138.00 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 271475
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.3 0.0 0.0#

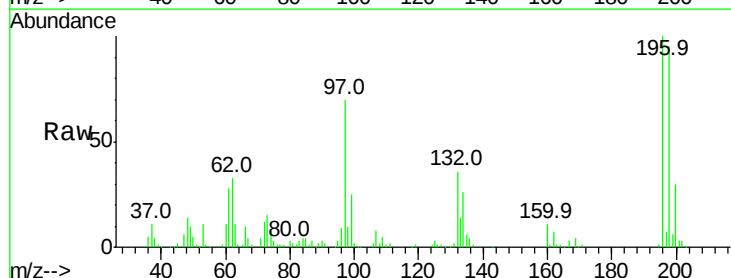


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

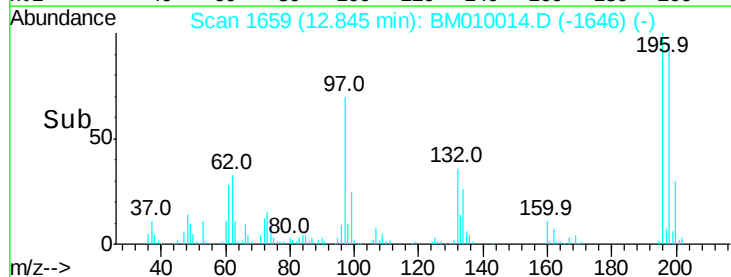
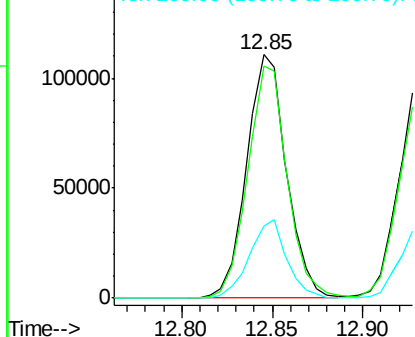


#42
 2,4,6-Trichlorophenol
 Concen: 52.49 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion:196 Resp: 169058
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 29.5 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

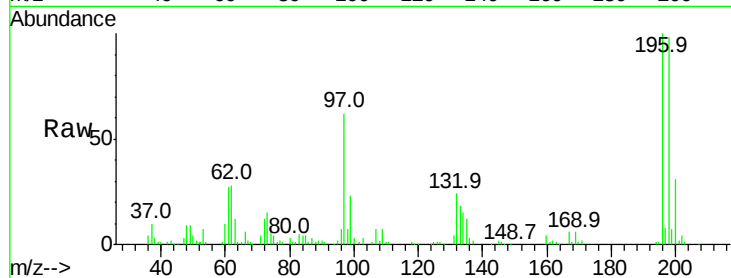




#43
 2,4,5-Trichlorophenol
 Concen: 47.00 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.4	119.0
97	62.0	26.8	40.2#
132	23.7	18.6	28.0



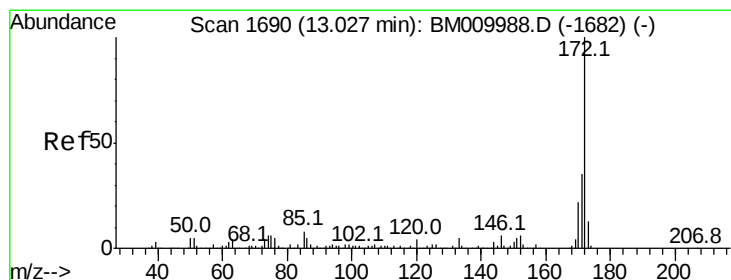
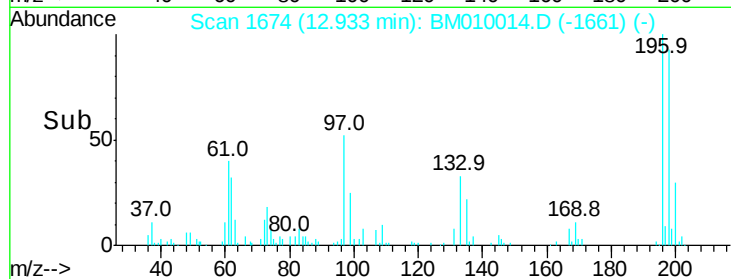
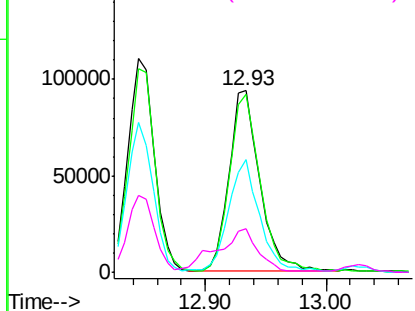
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

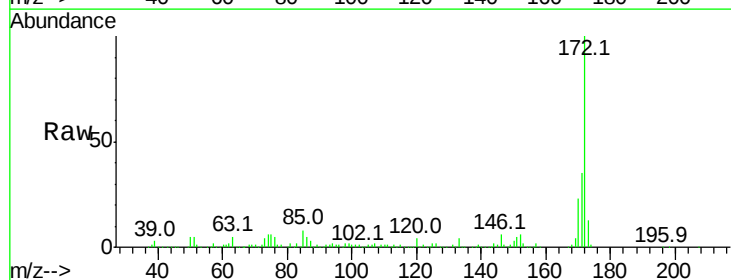
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.70 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.6	18.8	28.2

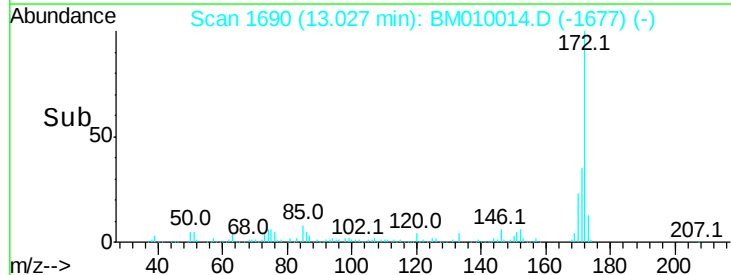
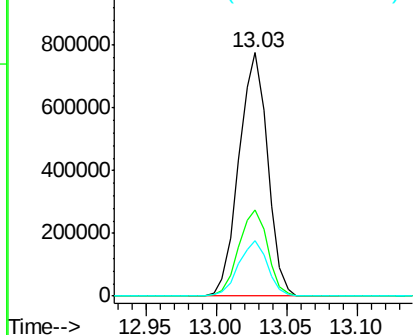


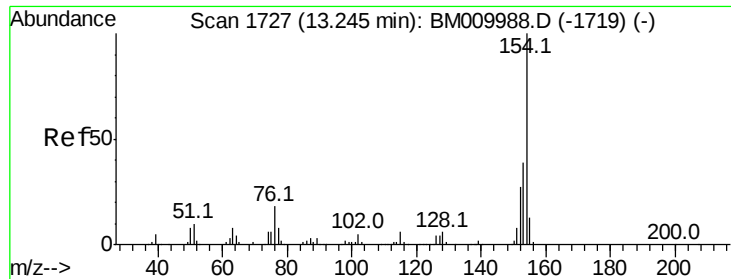
Abundance

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: 50.55 ng

RT: 13.24 min Scan# 1726

Delta R.T. -0.03 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

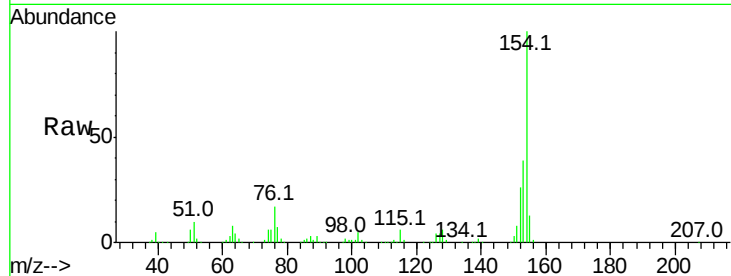
Tot Ion:154 Resp: 604645

Ion Ratio Lower Upper

154 100

153 38.8 20.7 60.7

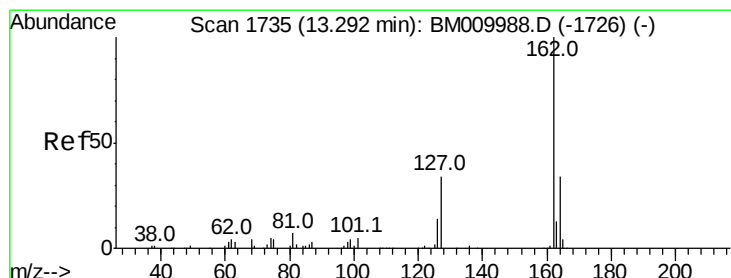
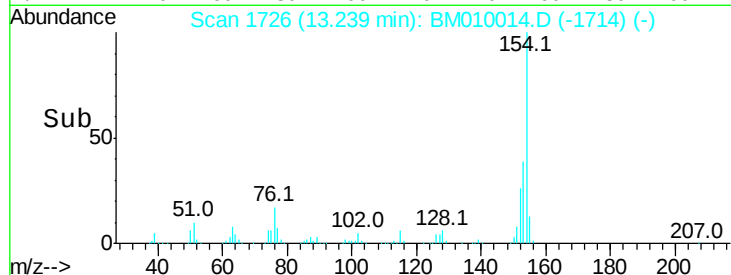
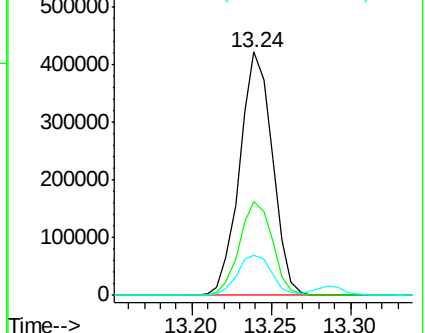
76 16.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 49.40 ng

RT: 13.29 min Scan# 1734

Delta R.T. -0.03 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

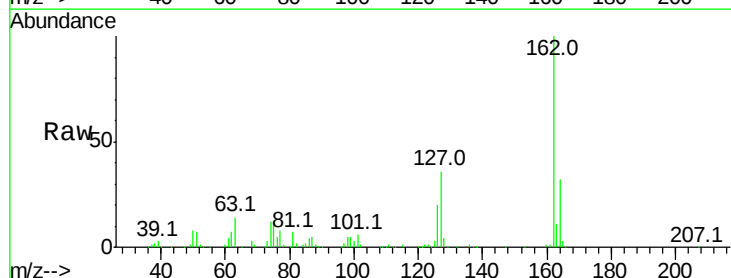
Tgt Ion:162 Resp: 464319

Ion Ratio Lower Upper

162 100

127 36.4 26.9 40.3

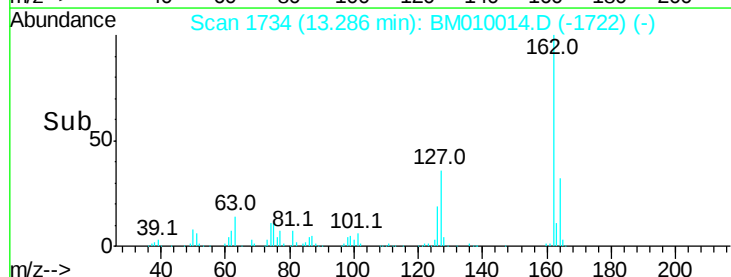
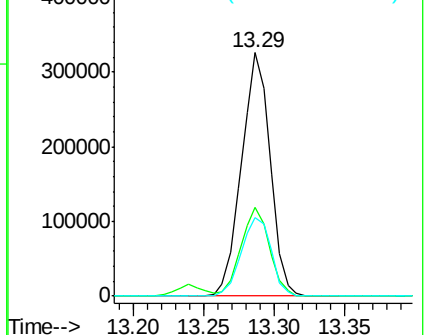
164 32.3 26.8 40.2

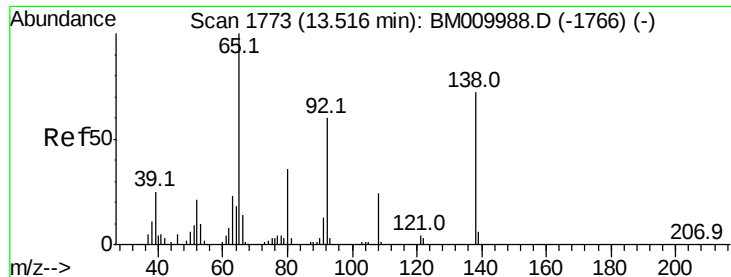


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

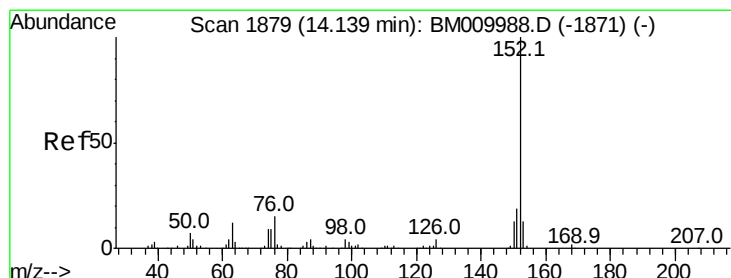
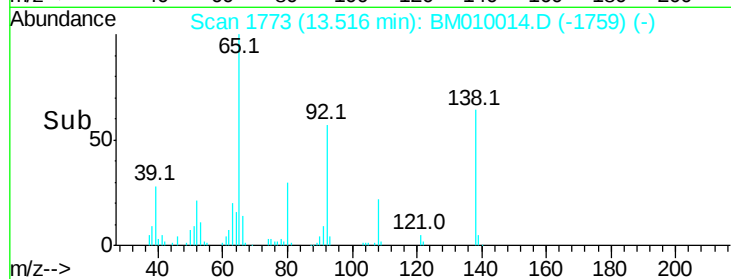
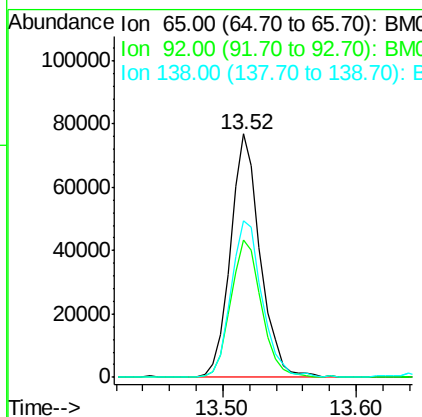
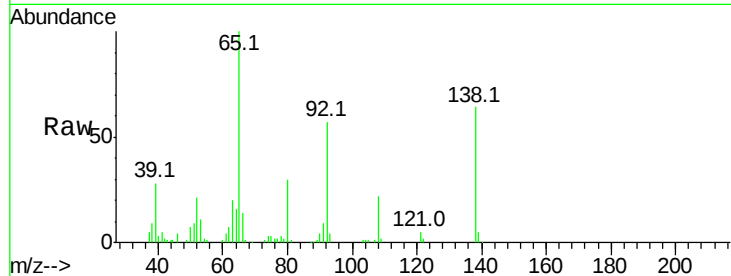




#47
2-Nitroaniline
Concen: 28.02 ng
RT: 13.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

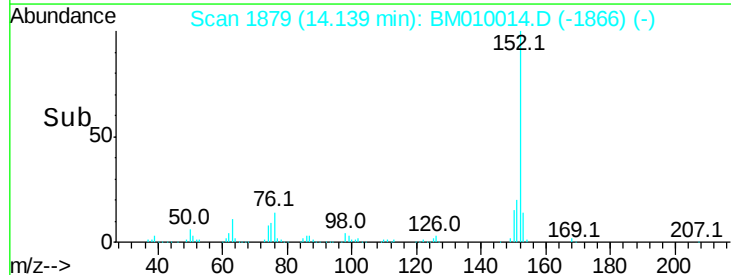
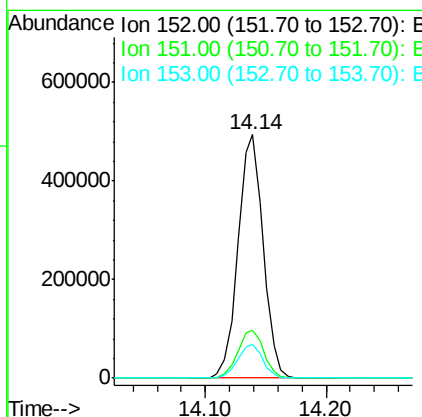
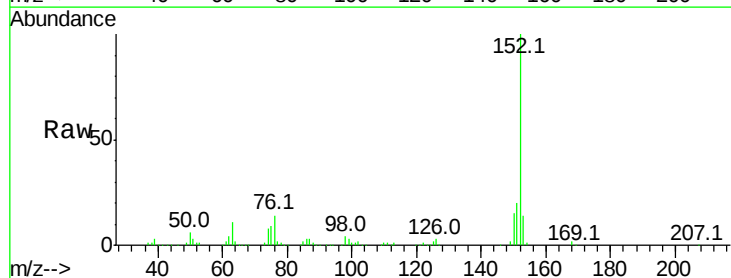
Instrument :
BNA_M
ClientSampleId :

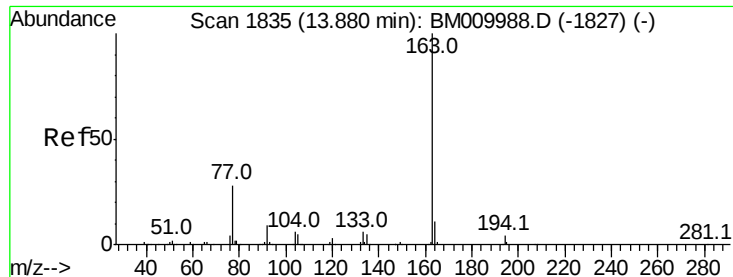
Tot Ion: 65 Resp: 119229
Ion Ratio Lower Upper
65 100
92 56.6 59.1 88.7#
138 64.4 93.9 140.9#



#48
Acenaphthylene
Concen: 48.41 ng
RT: 14.14 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion: 152 Resp: 716619
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.9 10.6 16.0

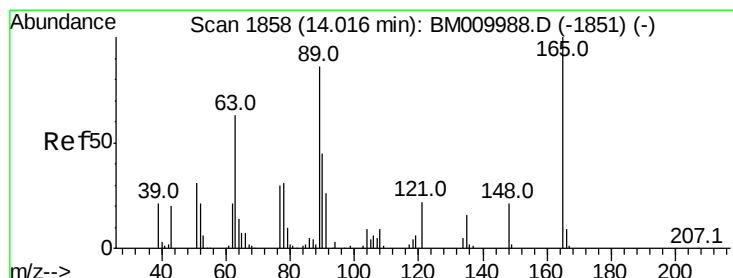
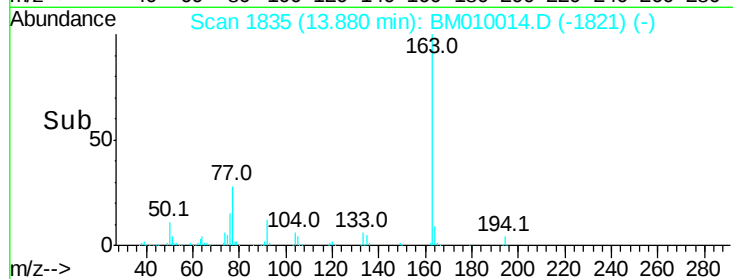
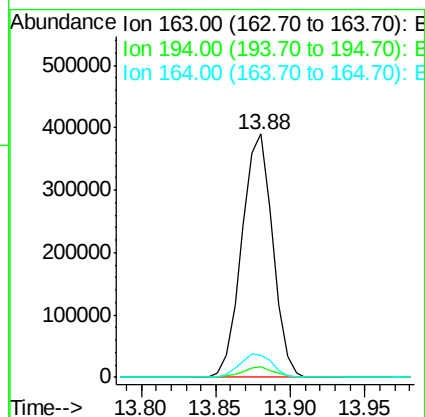
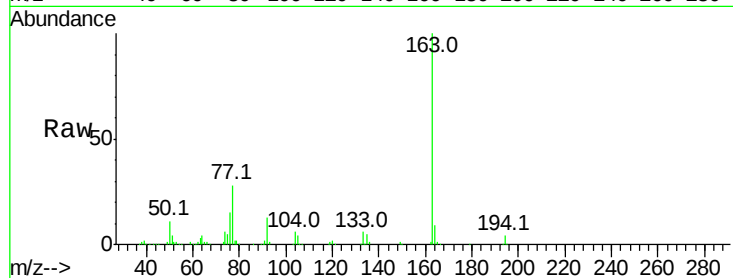




#49
Dimethylphthalate
Concen: 44.13 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

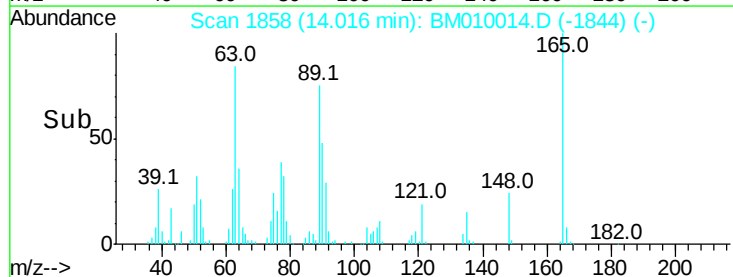
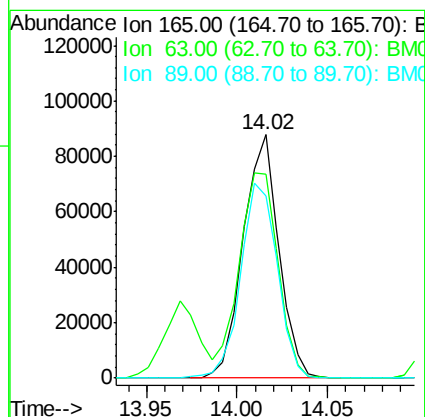
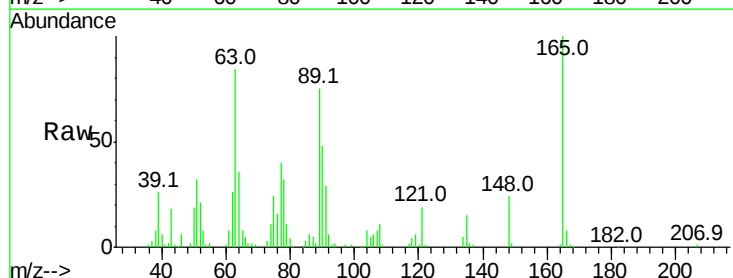
Instrument :
BNA_M
ClientSampled :

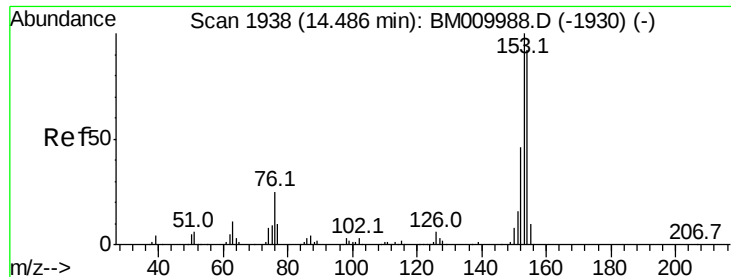
Tot Ion:163 Resp: 559144
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 46.61 ng
RT: 14.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:165 Resp: 119668
Ion Ratio Lower Upper
165 100
63 83.6 44.1 66.1#
89 74.8 44.3 66.5#





#51

Acenaphthene

Concen: 47.82 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

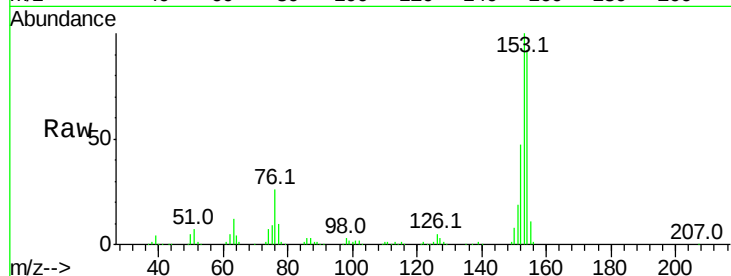
Tot Ion:154 Resp: 446093

Ion Ratio Lower Upper

154 100

153 108.6 90.0 135.0

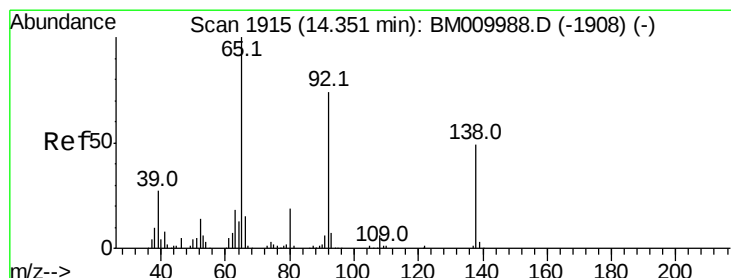
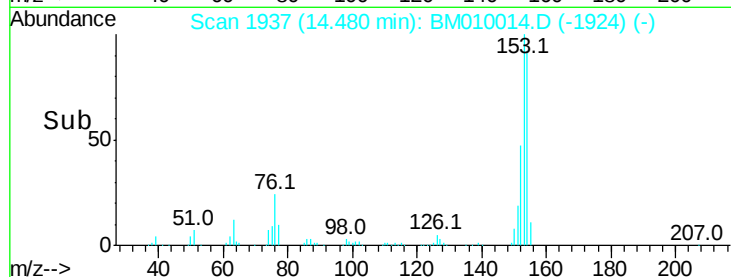
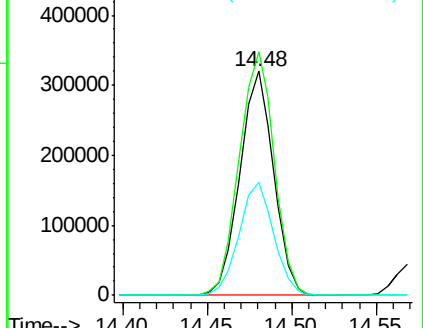
152 50.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.43 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

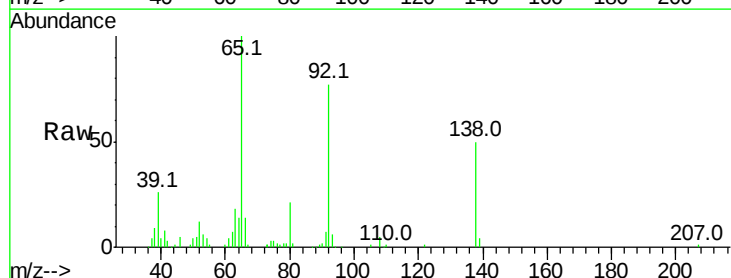
Tgt Ion:138 Resp: 82968

Ion Ratio Lower Upper

138 100

108 9.7 7.3 10.9

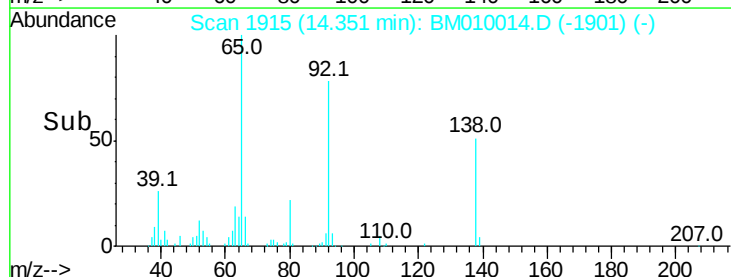
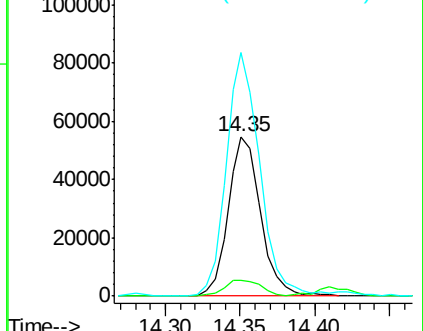
92 152.7 76.6 114.8#

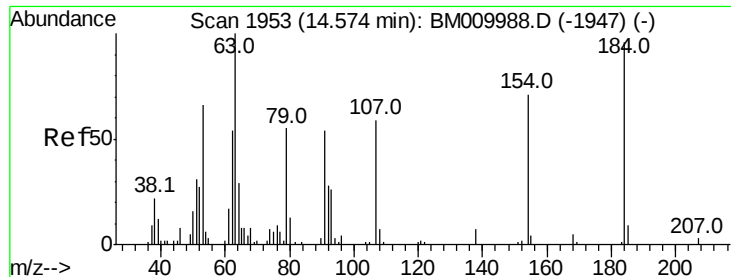


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0

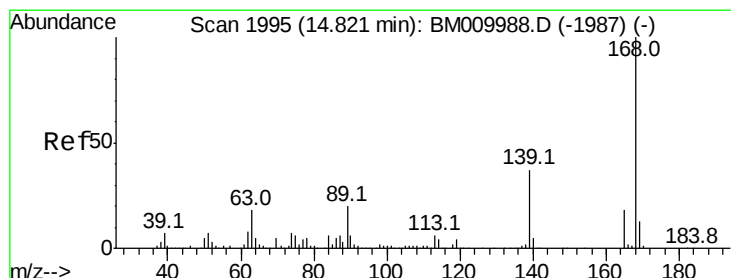
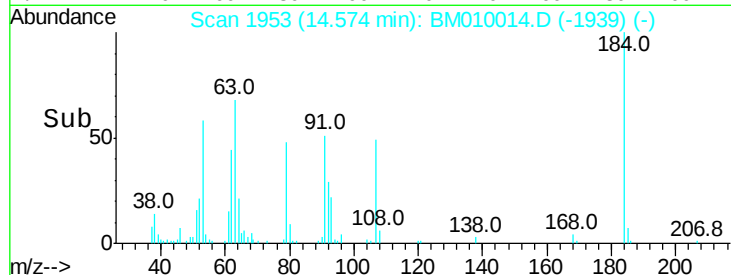
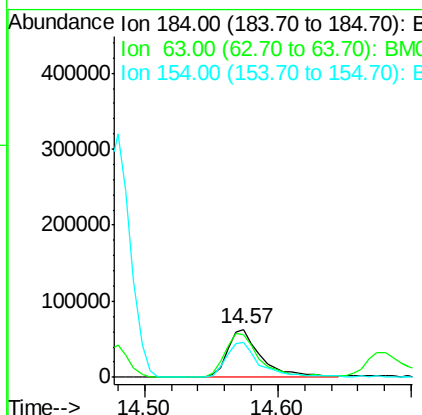
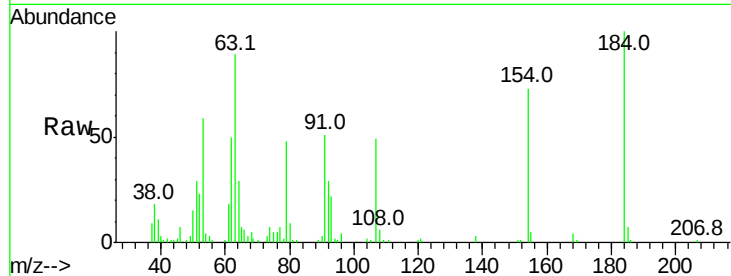




#53
2,4-Dinitrophenol
Concen: 73.73 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

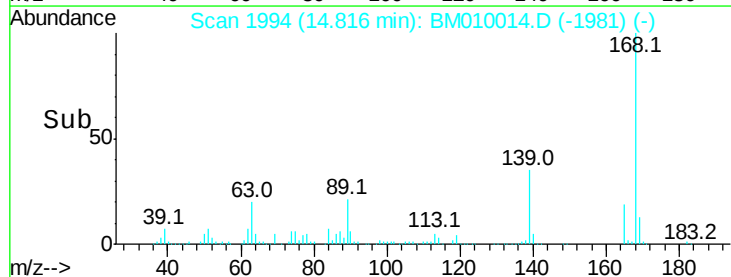
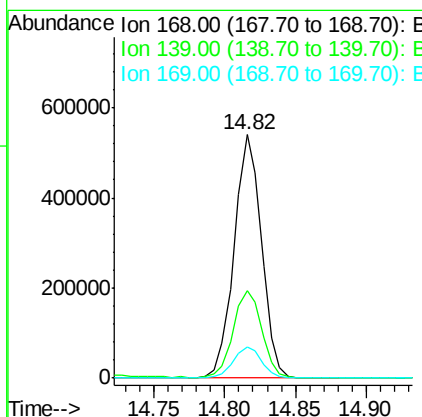
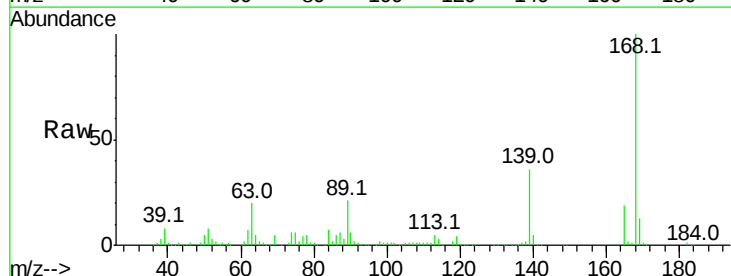
Instrument :
BNA_M
ClientSampleId :

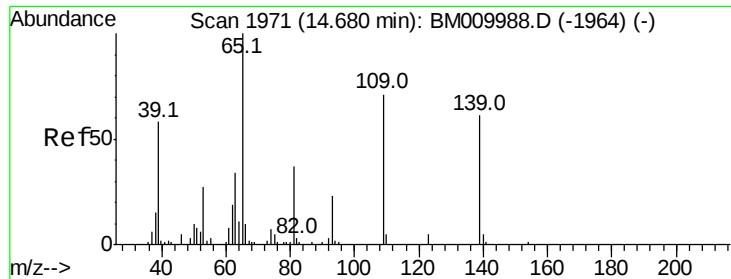
Tot Ion:184 Resp: 111419
Ion Ratio Lower Upper
184 100
63 88.7 69.2 103.8
154 73.0 53.3 79.9



#54
Dibenzofuran
Concen: 50.93 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:168 Resp: 727870
Ion Ratio Lower Upper
168 100
139 35.8 27.3 40.9
169 13.0 10.6 16.0

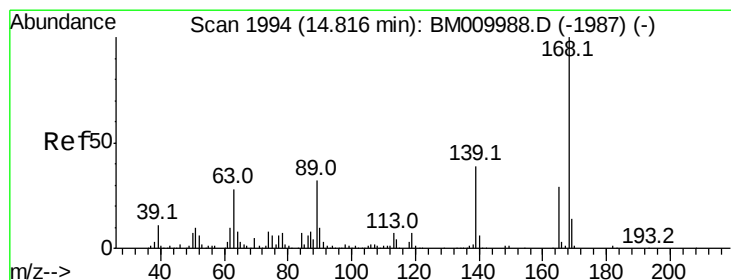
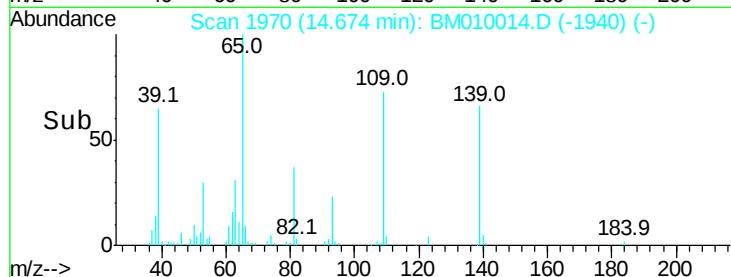
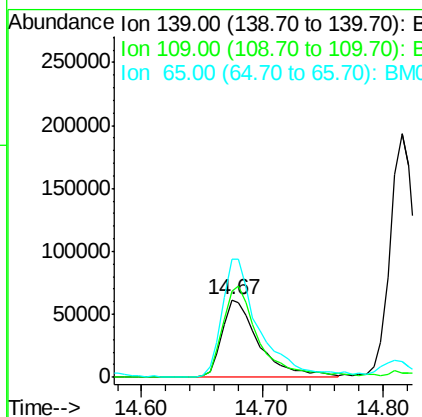
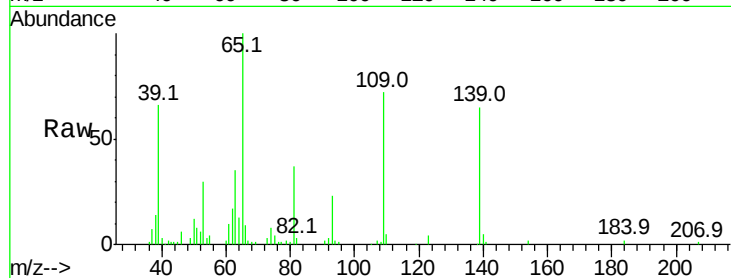




#55
4-Nitrophenol
Concen: 72.26 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

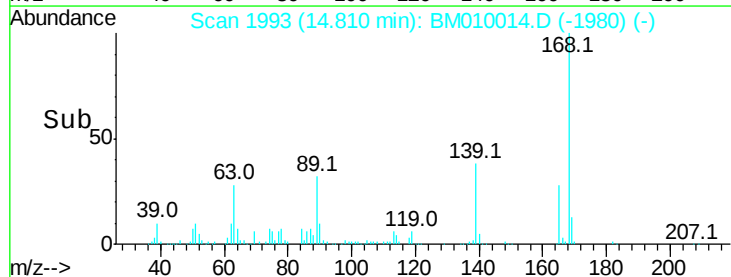
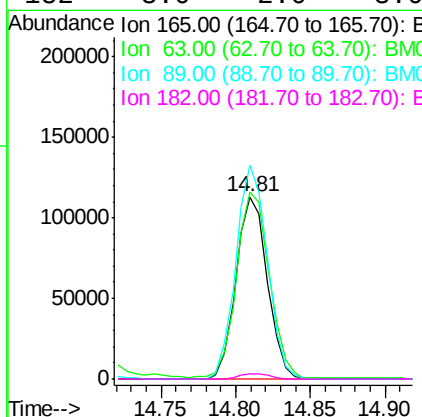
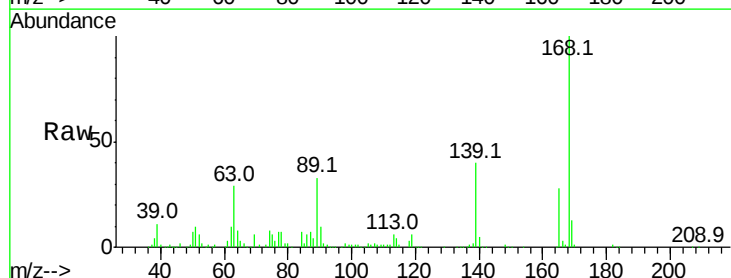
Instrument :
BNA_M
ClientSampleId :

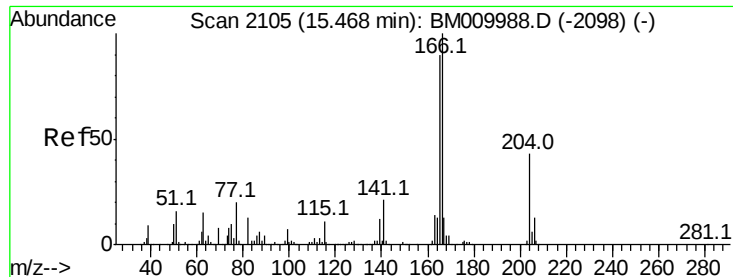
Tot Ion:139 Resp: 131945
Ion Ratio Lower Upper
139 100
109 111.1 37.7 77.7#
65 153.3 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 43.20 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:165 Resp: 164072
Ion Ratio Lower Upper
165 100
63 102.9 52.4 78.6#
89 117.4 72.4 108.6#
182 3.0 2.0 3.0





#57

Fluorene

Concen: 46.15 ng

RT: 15.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

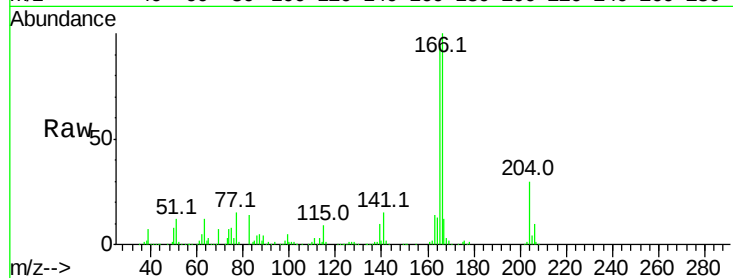
Tot Ion:166 Resp: 581484

Ion Ratio Lower Upper

166 100

165 94.1 79.0 118.4

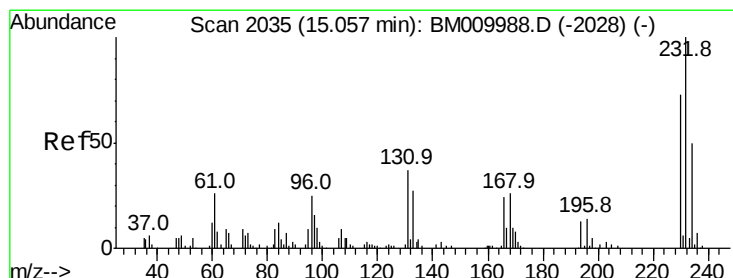
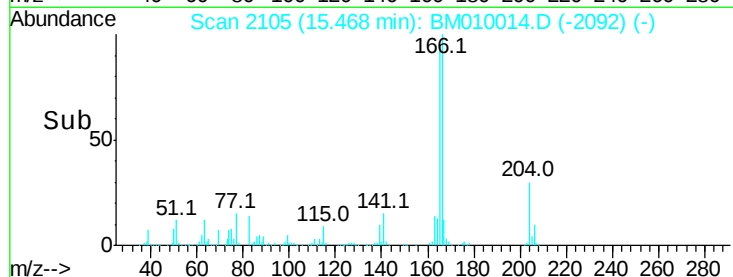
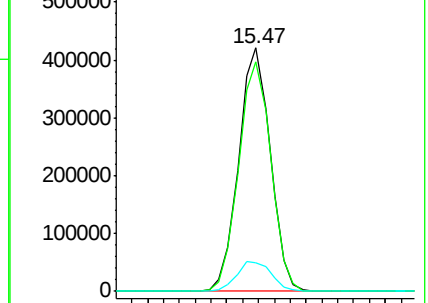
167 11.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.31 ng

RT: 15.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Tgt Ion:232 Resp: 146022

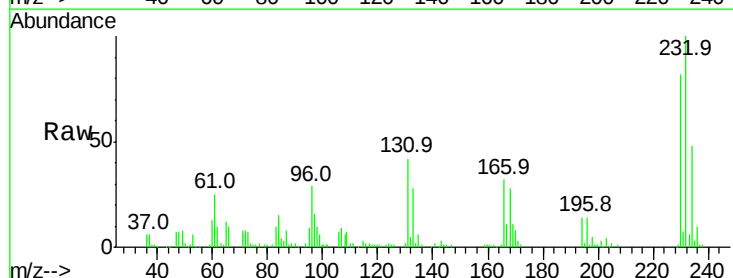
Ion Ratio Lower Upper

232 100

131 40.4 0.0 0.0#

130 2.2 0.0 0.0#

166 29.9 0.0 0.0#

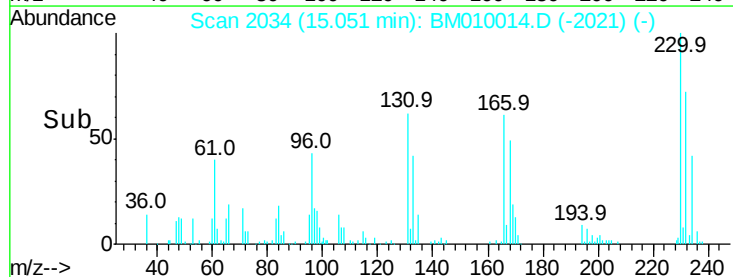
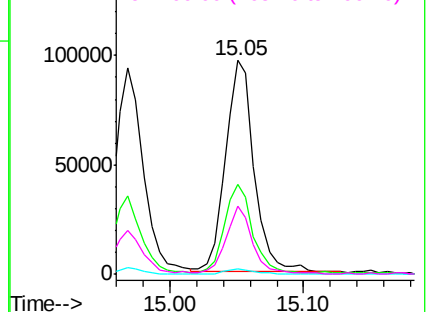


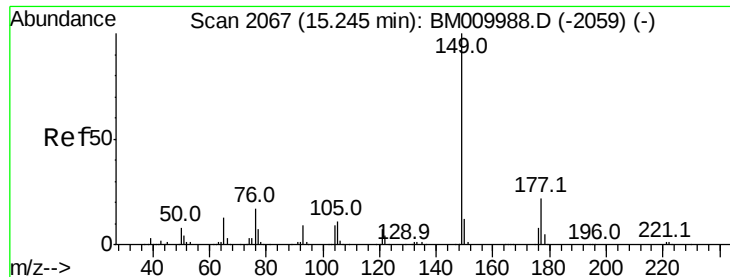
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

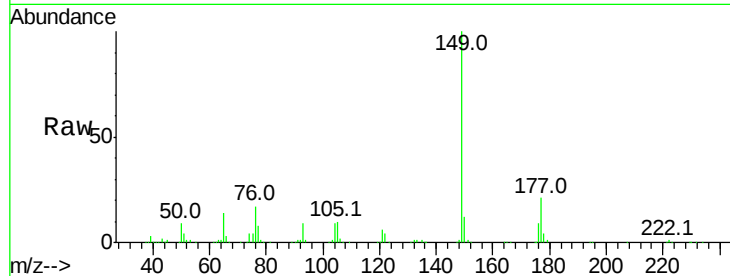




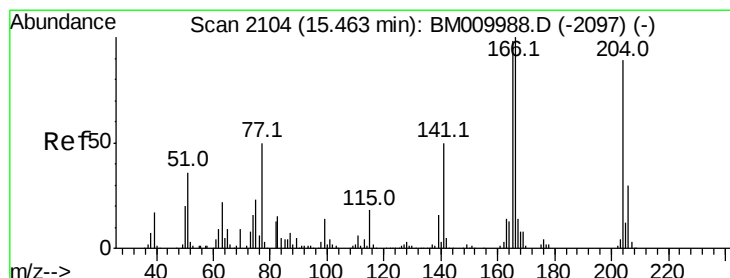
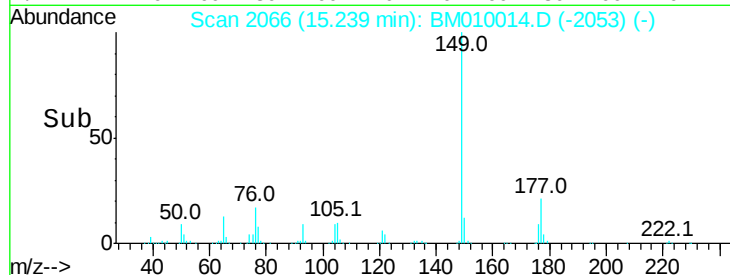
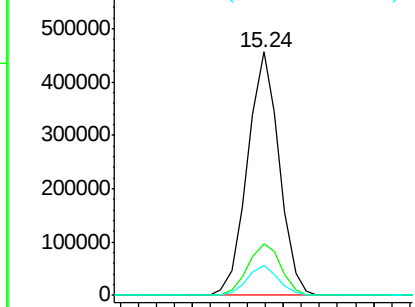
#59
Diethylphthalate
Concen: 41.62 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.3	27.5
150	12.1	9.8	14.8

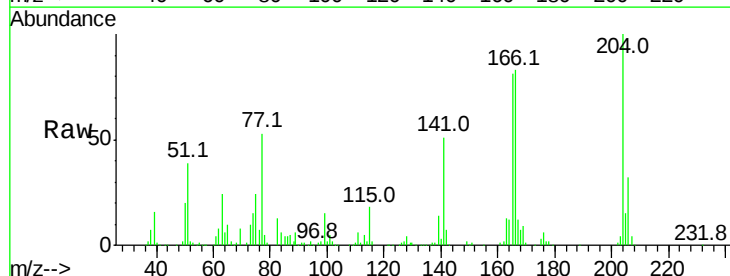


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

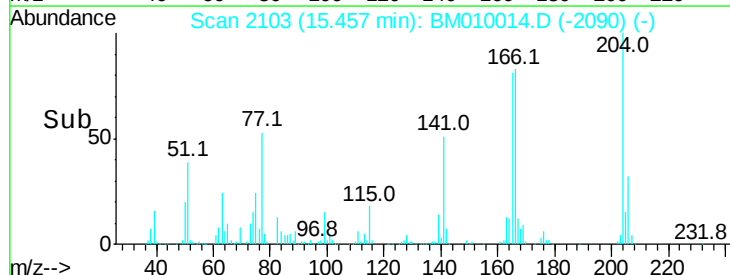
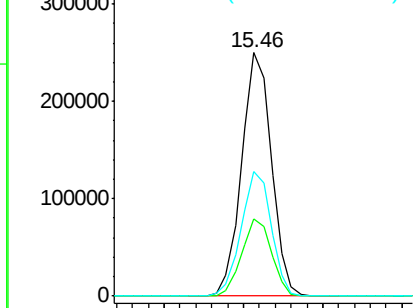


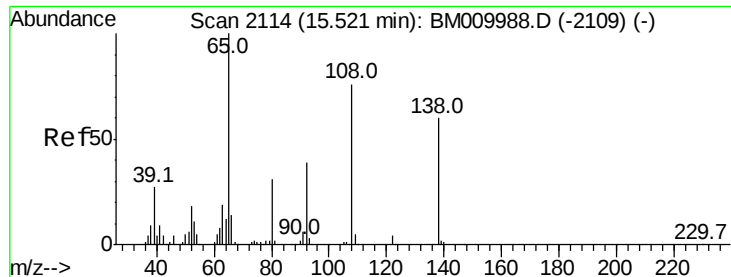
#60
4-Chlorophenyl-phenylether
Concen: 47.38 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	51.1	45.2	67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 19.34 ng

RT: 15.52 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

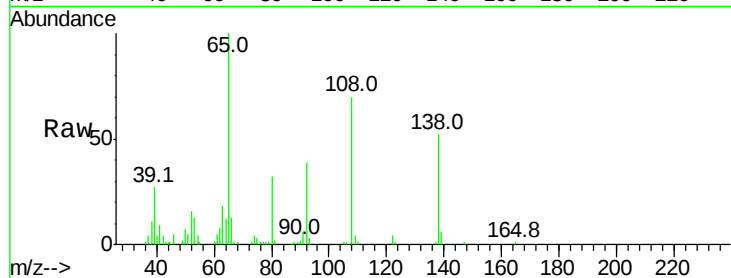
Tot Ion:138 Resp: 53712

Ion Ratio Lower Upper

138 100

92 74.0 16.7 56.7#

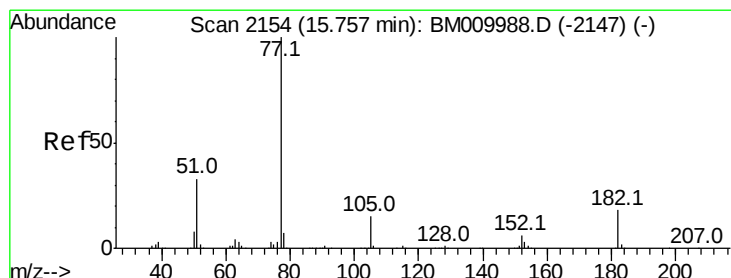
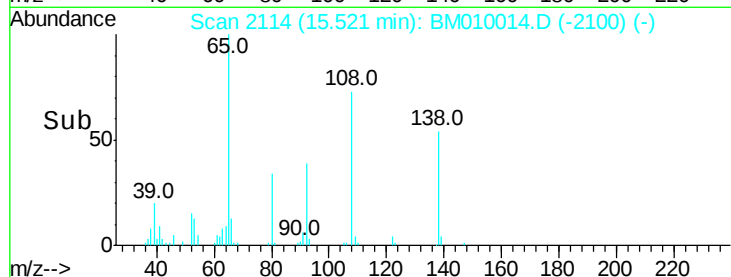
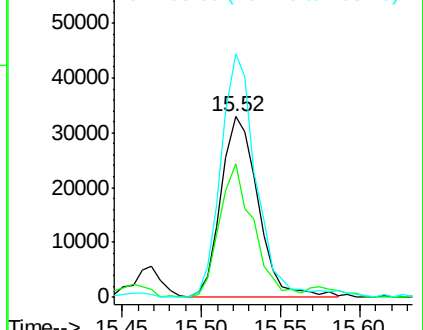
108 135.0 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.17 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Tgt Ion: 77 Resp: 825890

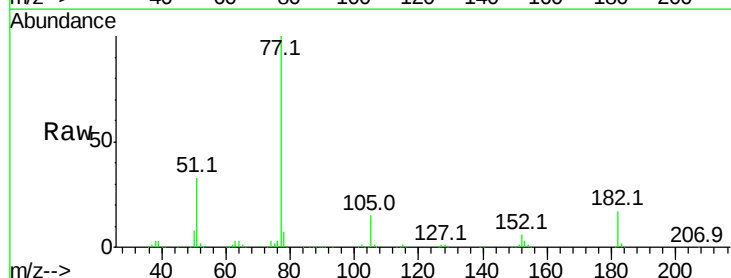
Ion Ratio Lower Upper

77 100

182 16.9 6.5 46.5

105 15.4 3.8 43.8

51 33.3 5.5 45.5

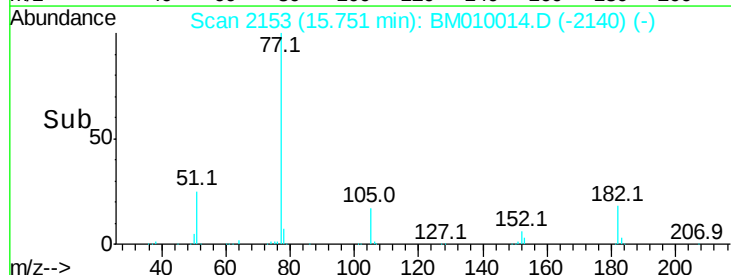
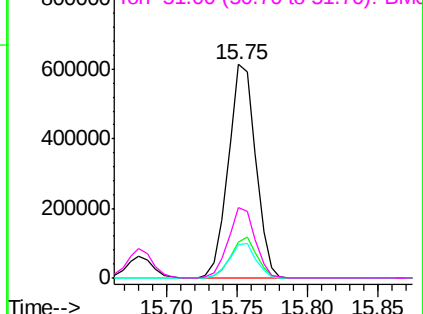


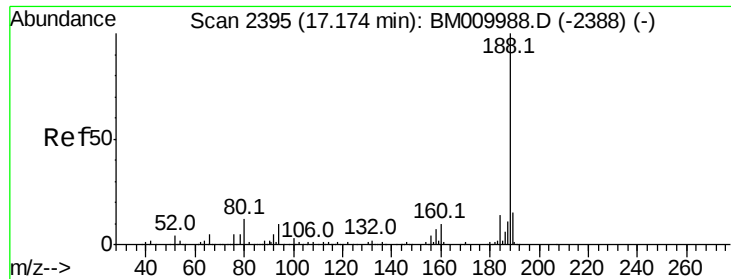
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

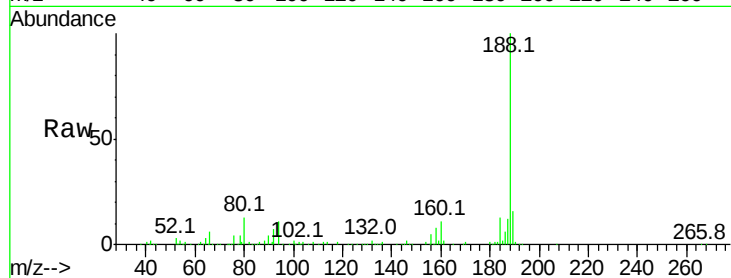




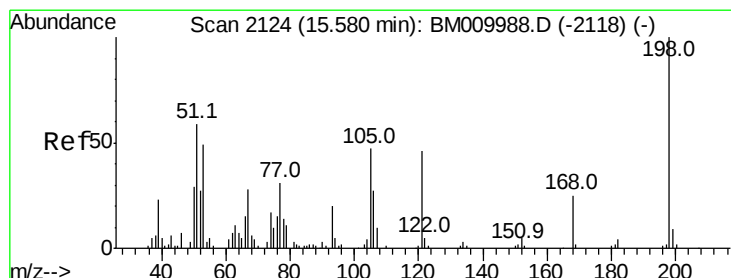
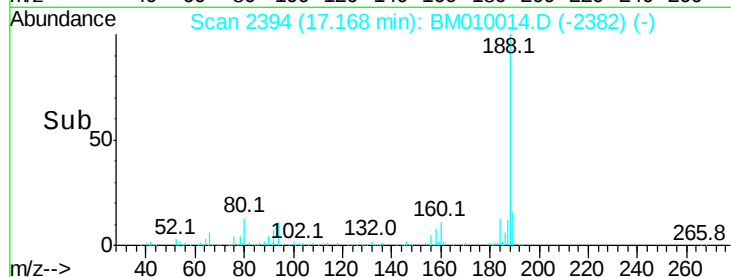
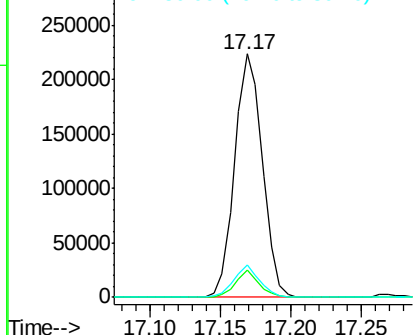
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 306360
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 13.4 9.3 13.9

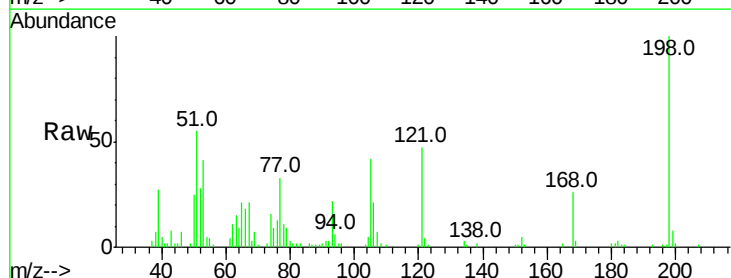


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

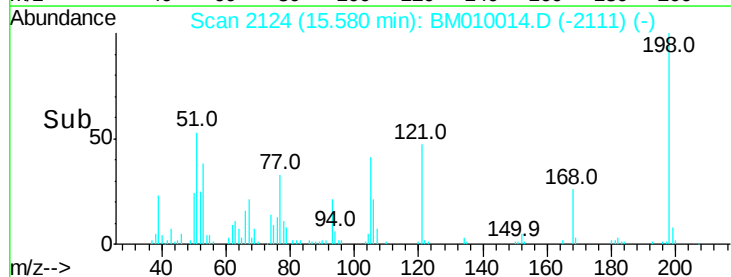
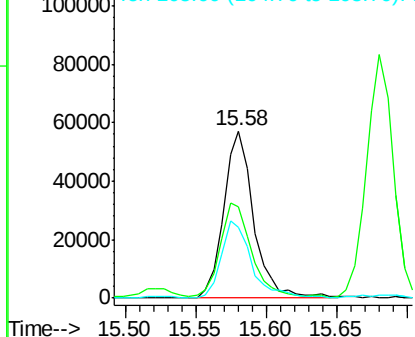


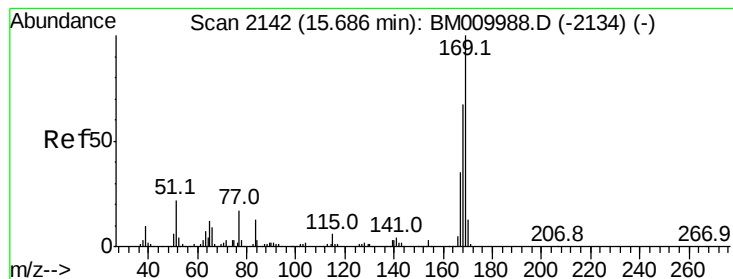
#64
4,6-Dinitro-2-methylphenol
Concen: 42.80 ng
RT: 15.58 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion:198 Resp: 84516
Ion Ratio Lower Upper
198 100
51 54.6 28.8 68.8
105 42.1 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.89 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampled :

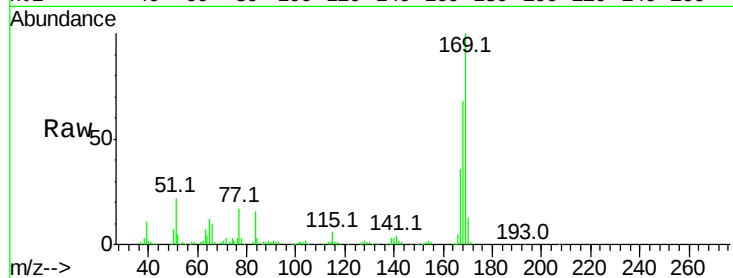
Tot Ion:169 Resp: 493352

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

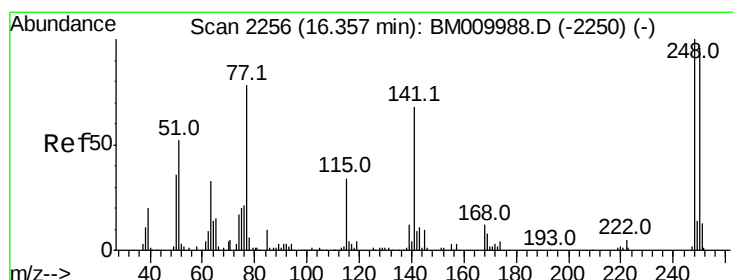
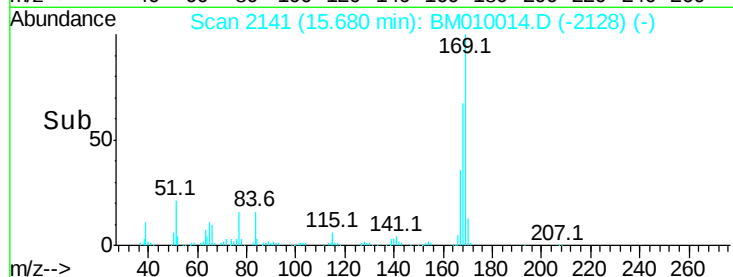
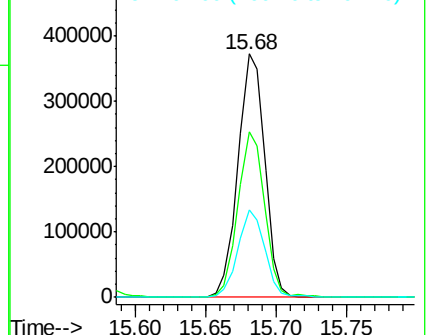
167 35.8 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.76 ng

RT: 16.36 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

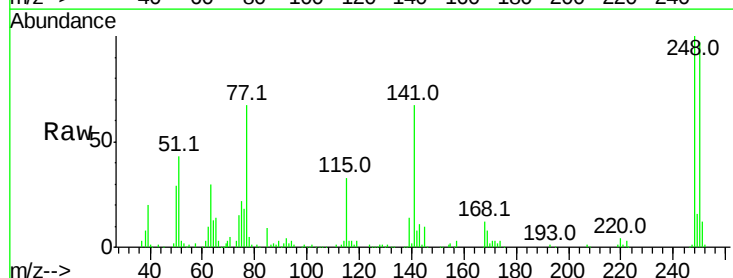
Tgt Ion:248 Resp: 191972

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.0

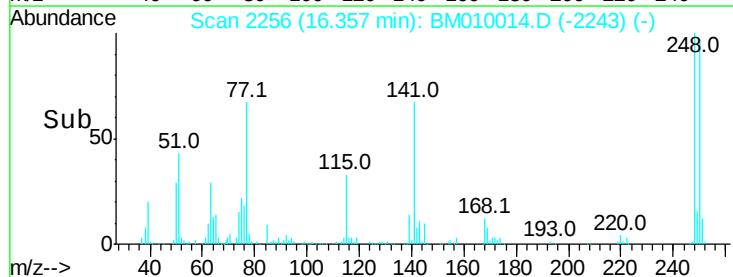
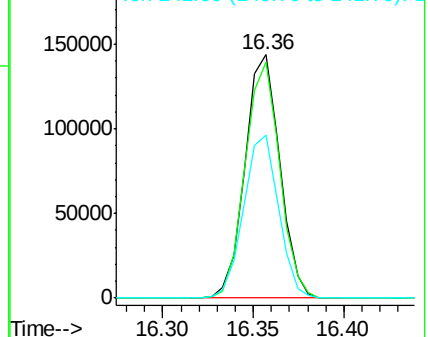
141 66.9 45.2 67.8

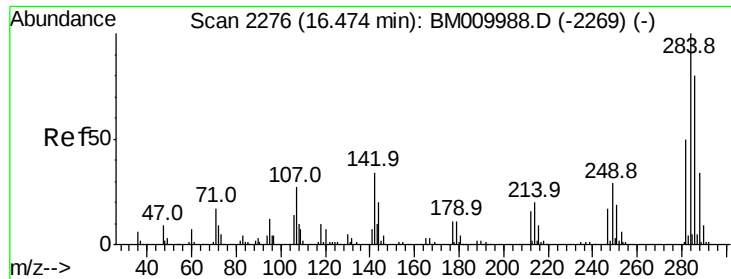


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

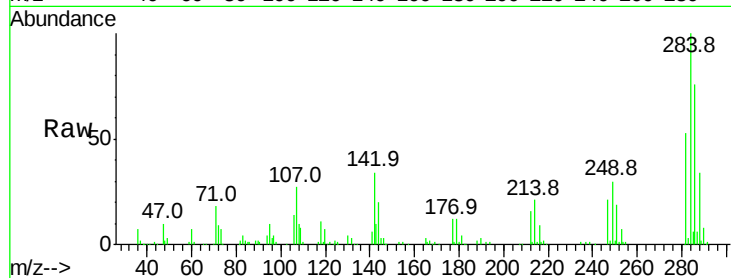




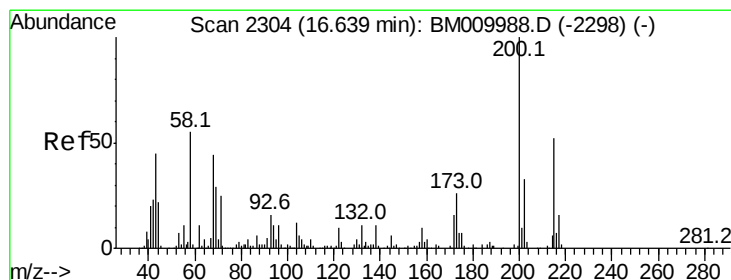
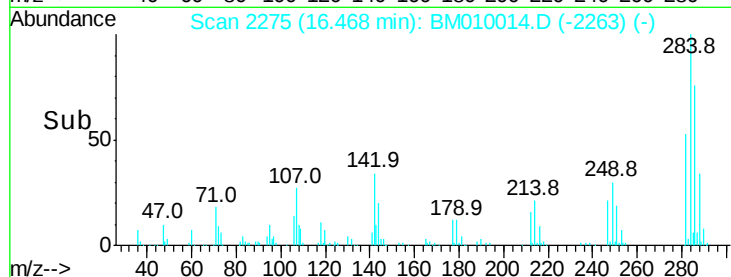
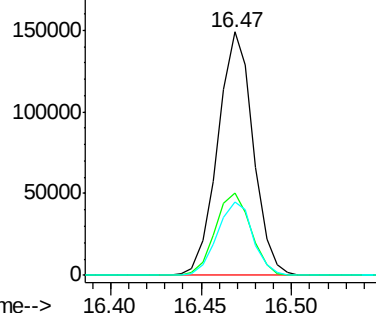
#67
Hexachlorobenzene
Concen: 50.00 ng
RT: 16.47 min Scan# 2275
Delta R.T. -0.03 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	20.4	30.6
249	30.0	23.8	35.6

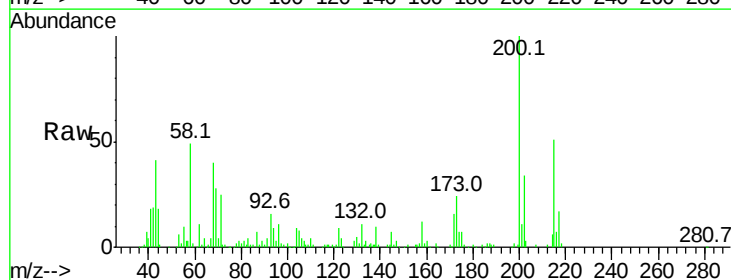


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

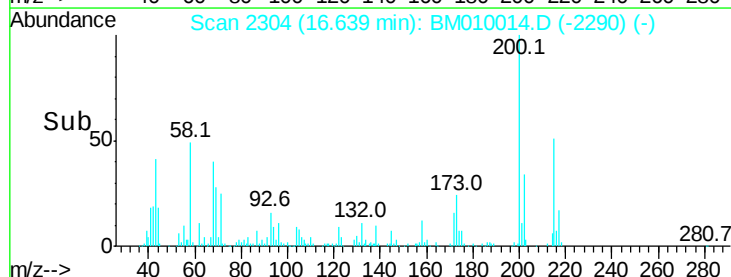
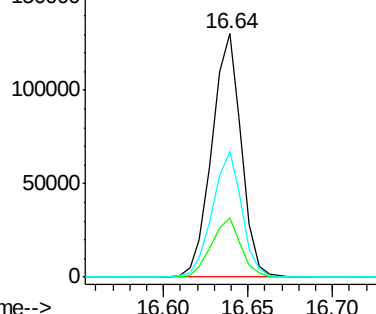


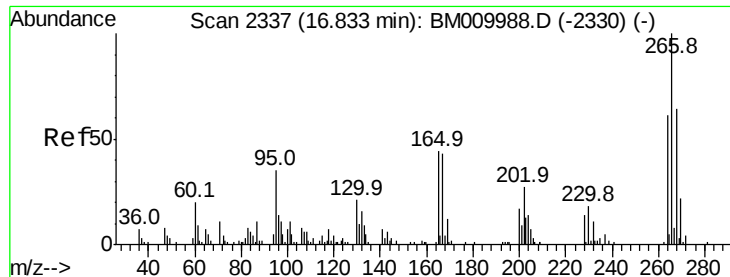
#68
Atrazine
Concen: 45.58 ng
RT: 16.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.8	44.8
215	51.5	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: 78.63 ng

RT: 16.83 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

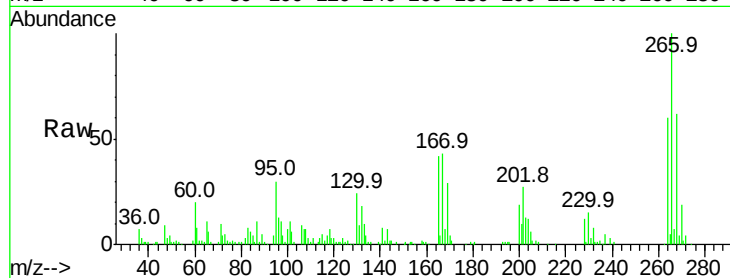
Tot Ion:266 Resp: 155052

Ion Ratio Lower Upper

266 100

268 62.4 52.0 78.0

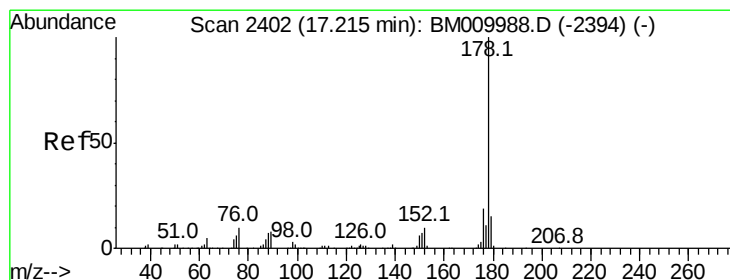
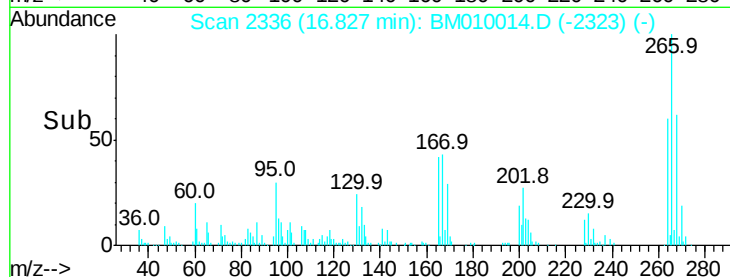
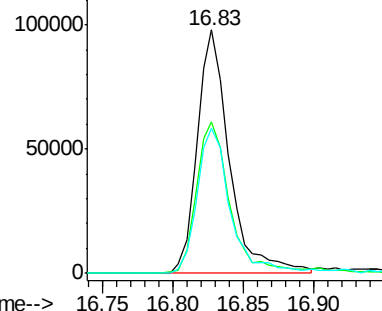
264 59.7 49.0 73.4



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: 47.65 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

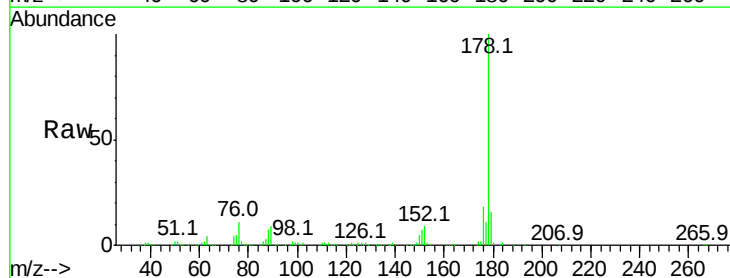
Tgt Ion:178 Resp: 837970

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

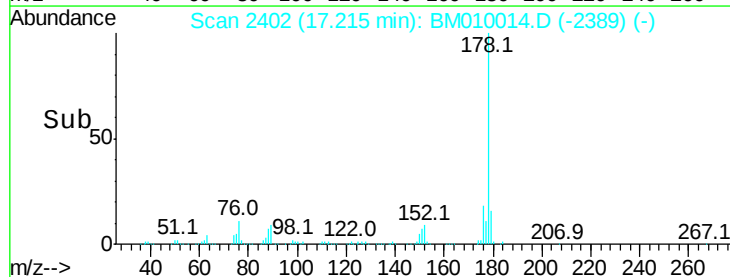
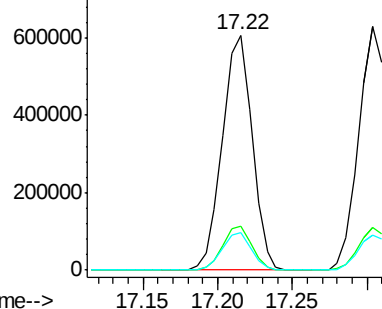
179 15.9 12.1 18.1

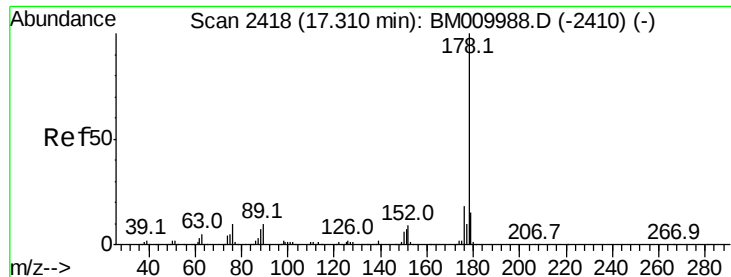


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

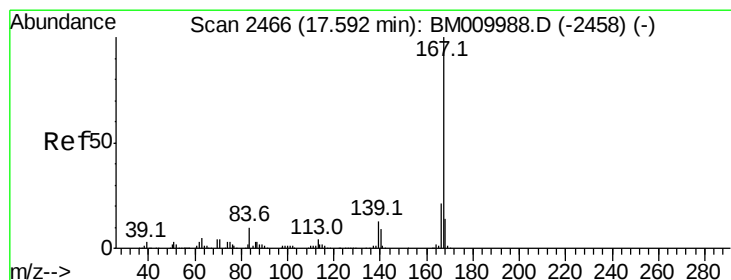
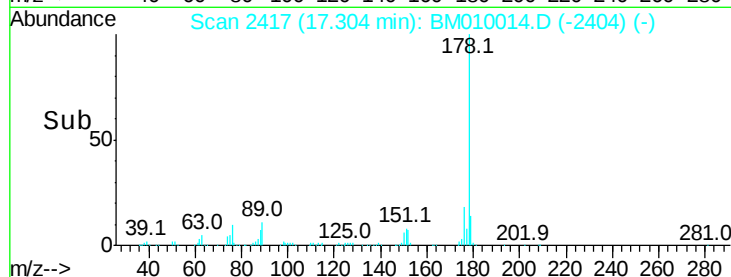
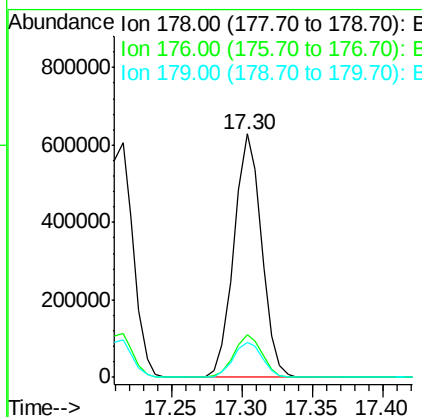
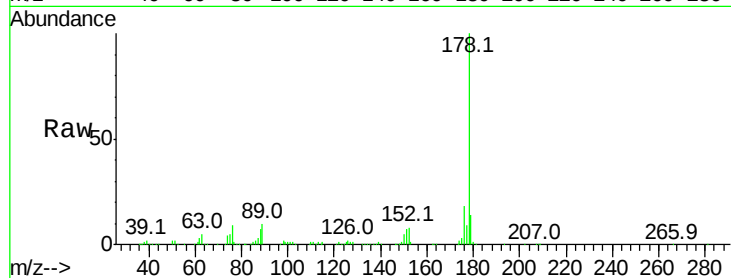




#71
 Anthracene
 Concen: 47.87 ng
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

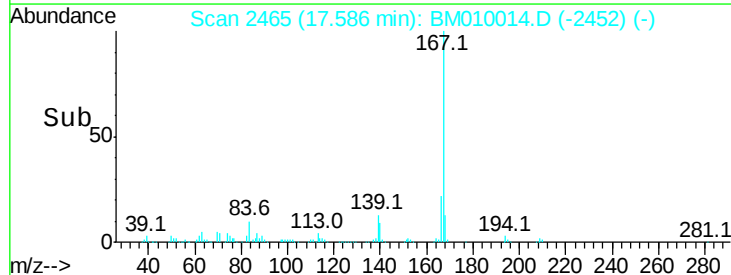
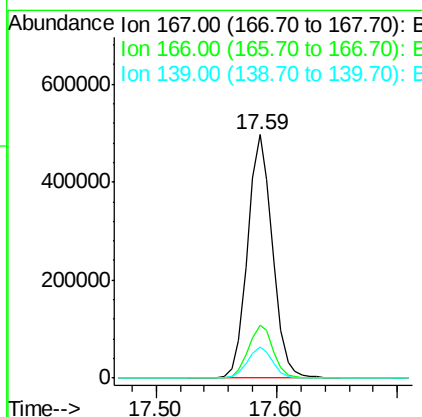
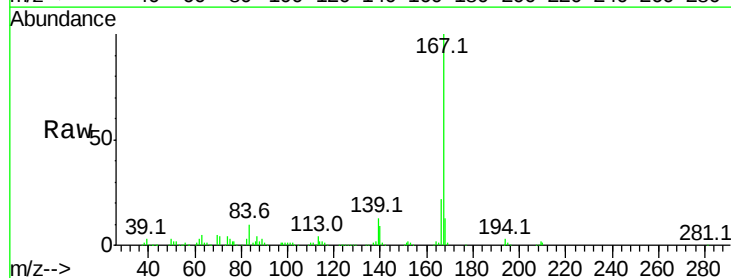
Instrument :
 BNA_M
 ClientSampleId :

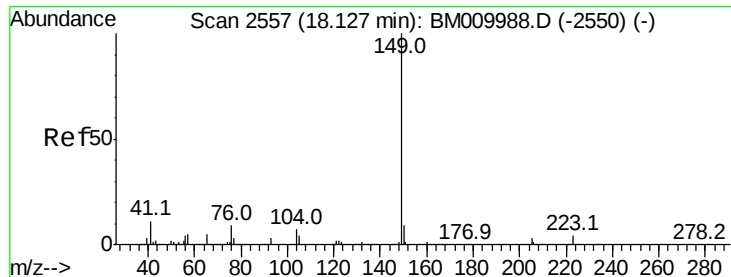
Tot Ion:178 Resp: 858630
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.6 22.0
 179 14.3 12.6 19.0



#72
 Carbazole
 Concen: 44.65 ng
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion:167 Resp: 714996
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.9 10.8 16.2

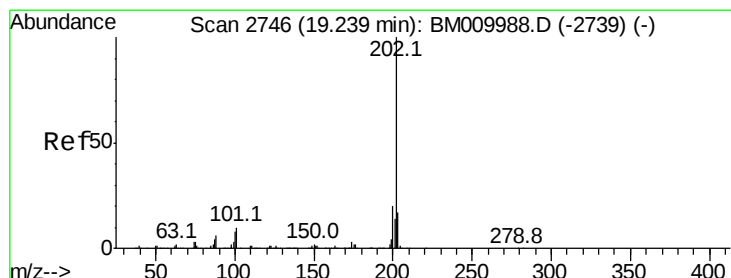
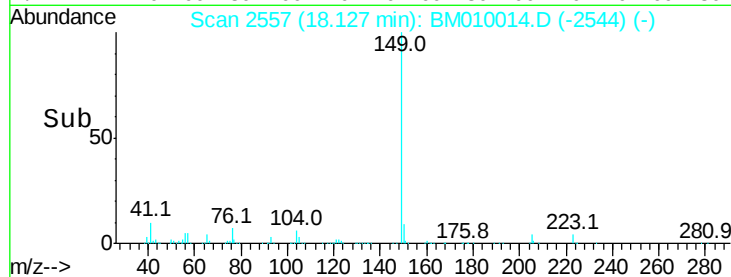
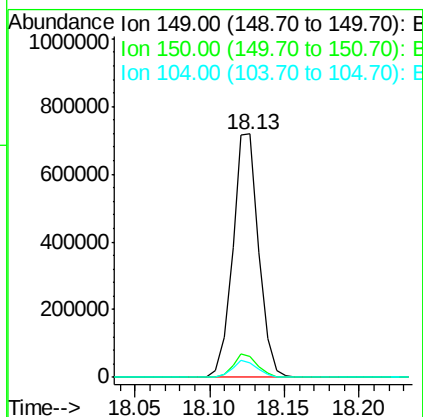
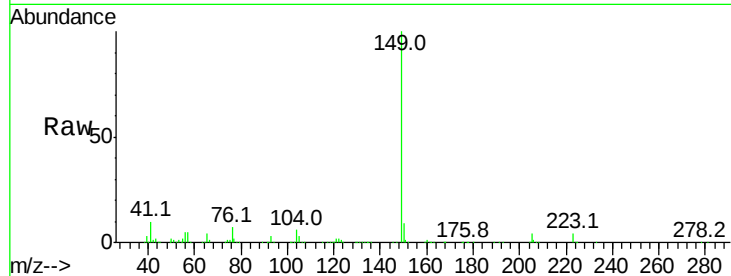




#73
Di-n-butylphthalate
Concen: 42.84 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

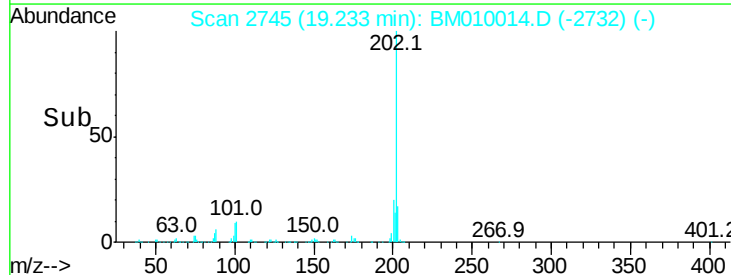
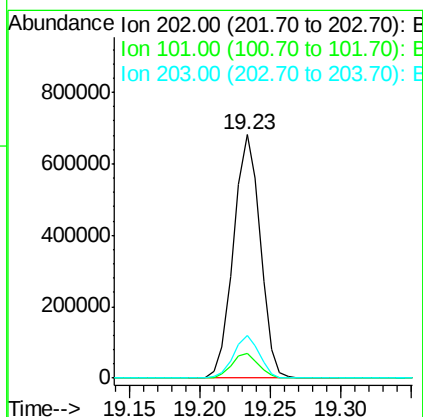
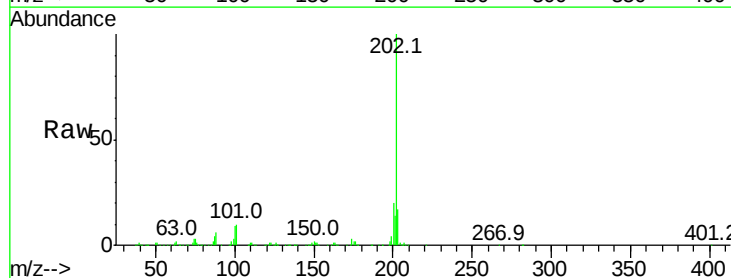
Instrument :
BNA_M
ClientSampleId :

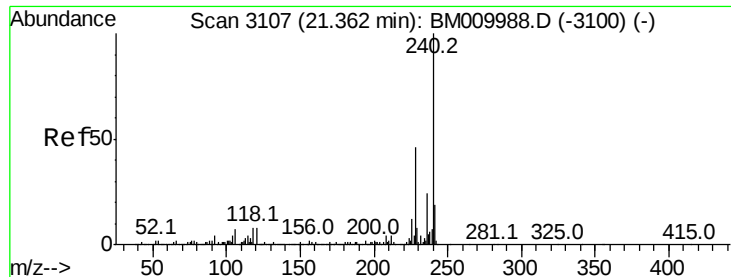
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	5.8	3.7	5.5



#74
Fluoranthene
Concen: 39.89 ng
RT: 19.23 min Scan# 2745
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

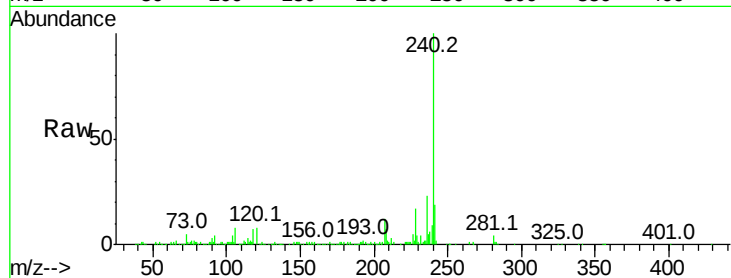
Tot Ion:240 Resp: 291273

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

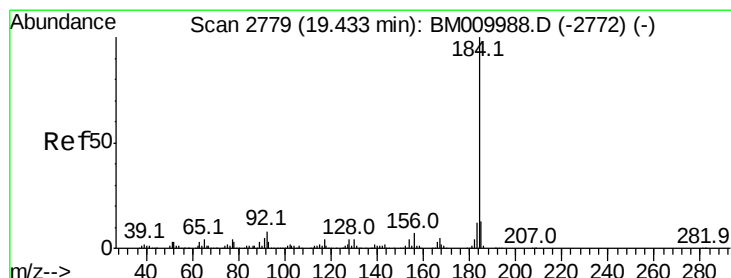
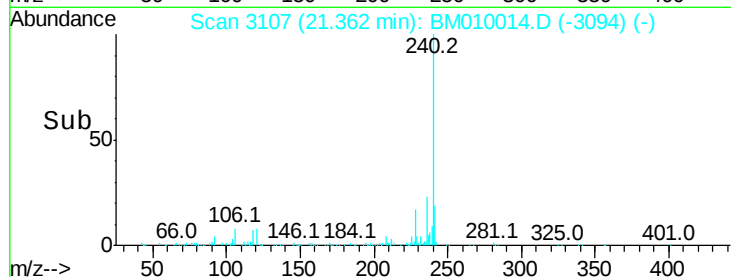
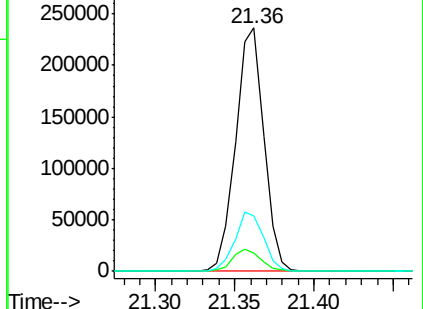
236 22.7 20.0 30.0



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: 15.58 ng

RT: 19.43 min Scan# 2779

Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

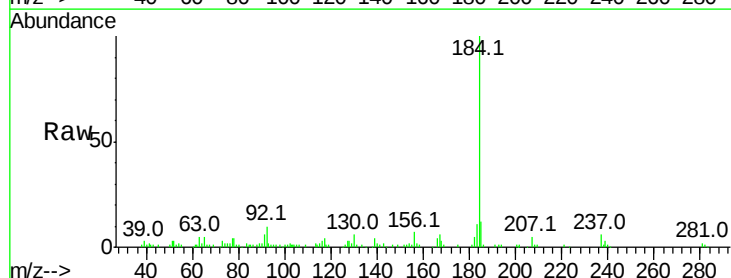
Tgt Ion:184 Resp: 113436

Ion Ratio Lower Upper

184 100

185 12.2 11.3 16.9

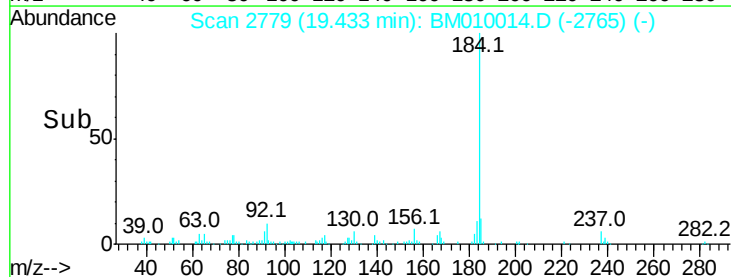
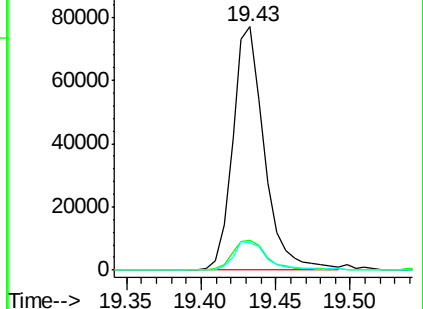
183 11.3 8.9 13.3

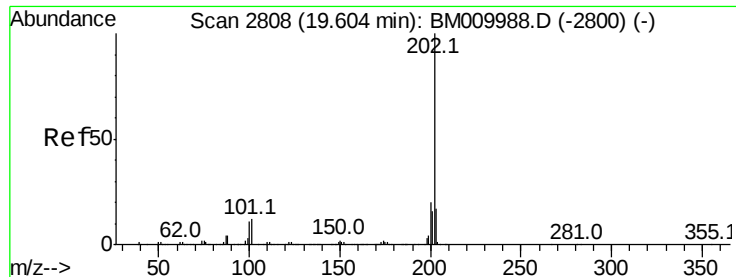


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 52.35 ng

RT: 19.60 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BM010014.D

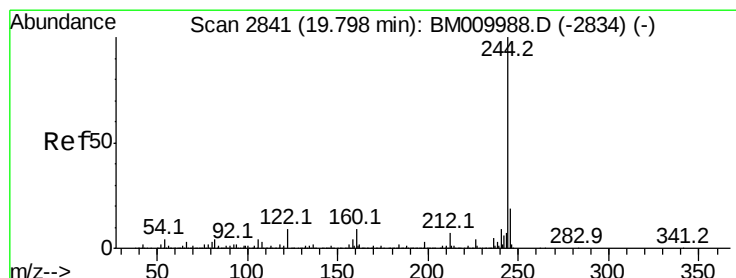
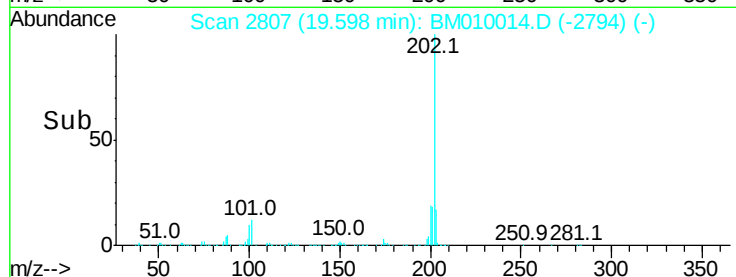
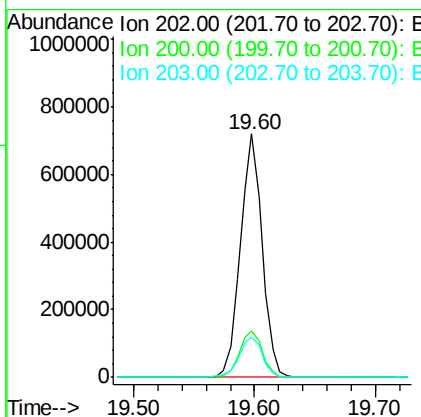
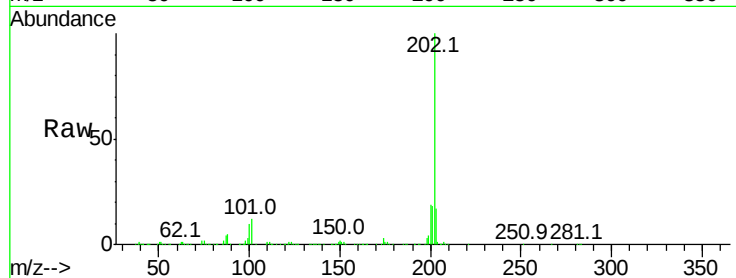
Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	907520
Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.9	25.3
203	16.7	14.1	21.1



#78

Terphenyl-d14

Concen: 98.24 ng

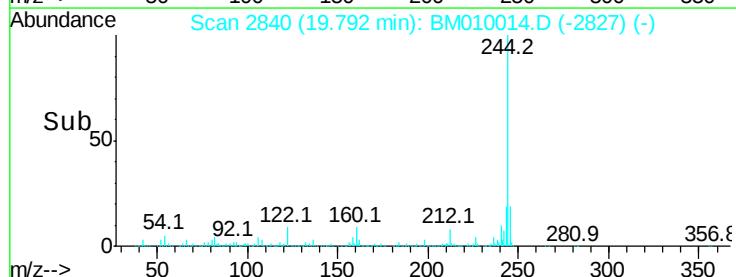
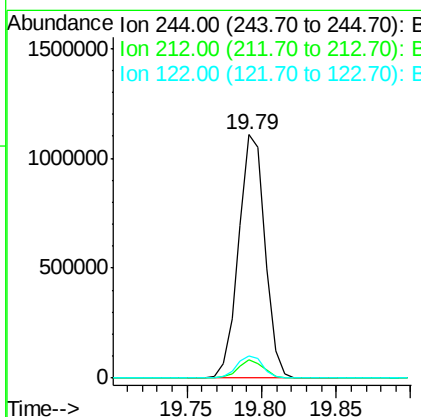
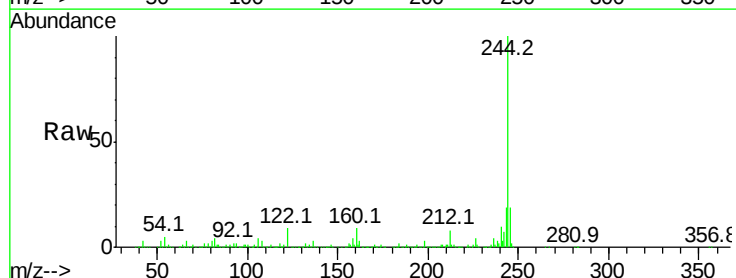
RT: 19.79 min Scan# 2840

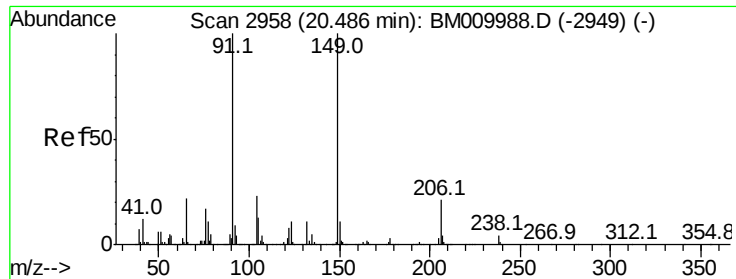
Delta R.T. -0.02 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Tgt Ion:	244	Resp:	1357769
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.9	6.2	9.4

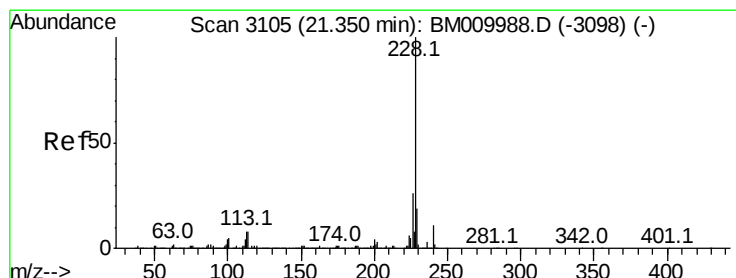
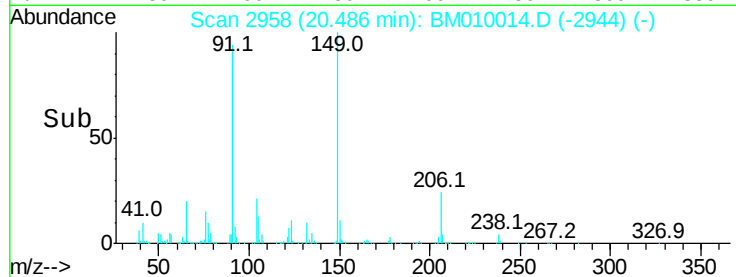
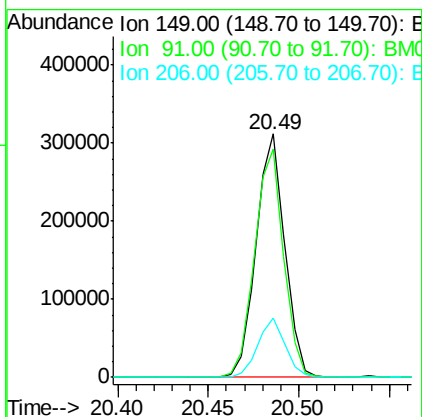
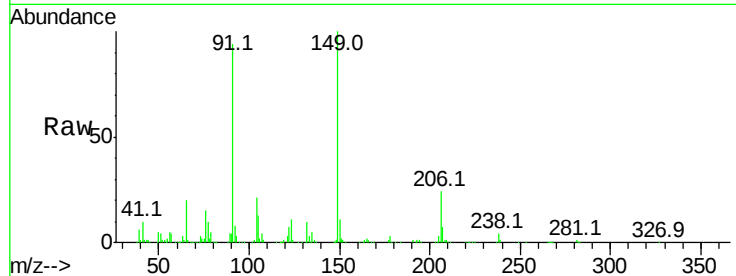




#79
Butylbenzylphthalate
Concen: 47.39 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

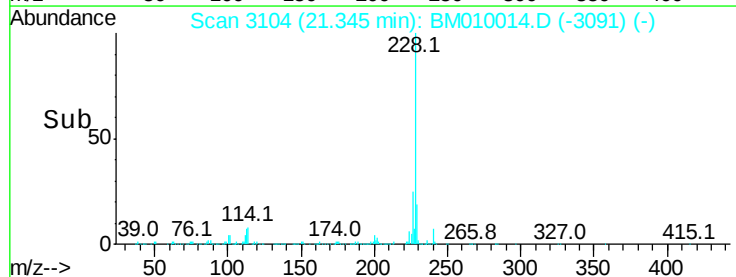
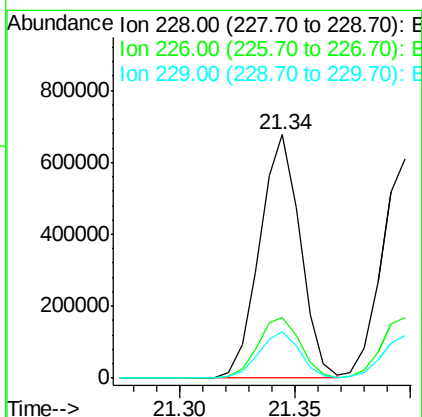
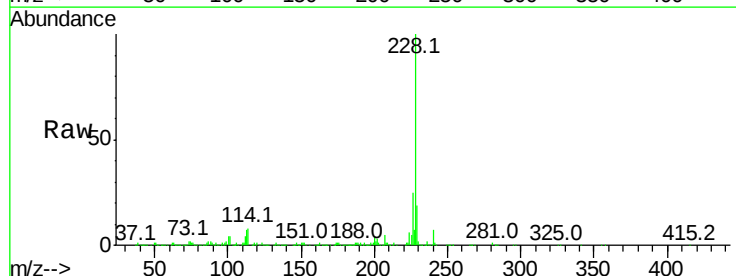
Instrument :
BNA_M
ClientSampleId :

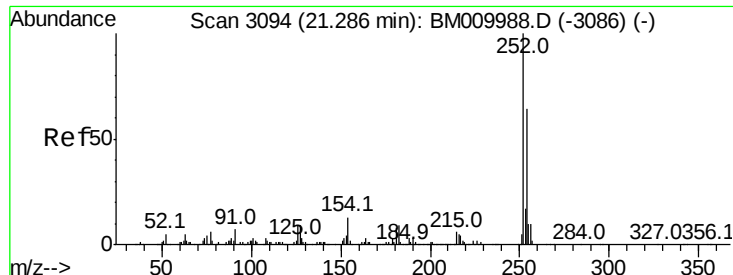
Tot Ion	Ratio	Lower	Upper
149	100		
91	93.8	50.1	75.1#
206	24.1	16.2	24.2



#80
Benzo(a)anthracene
Concen: 47.36 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.0	21.7	32.5
229	19.1	16.0	24.0

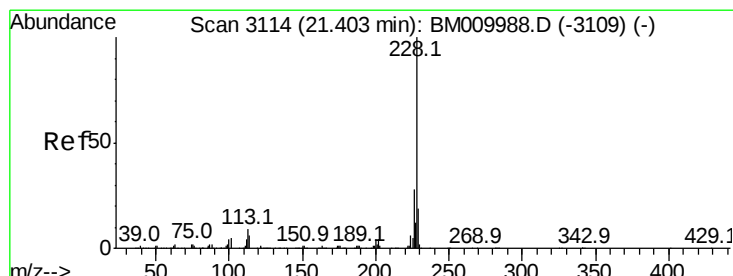
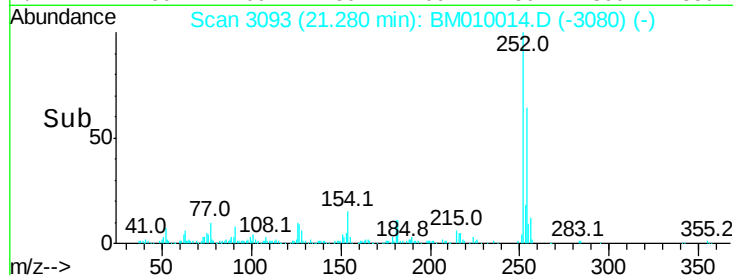
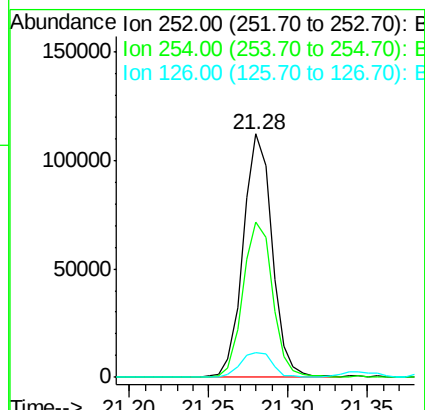
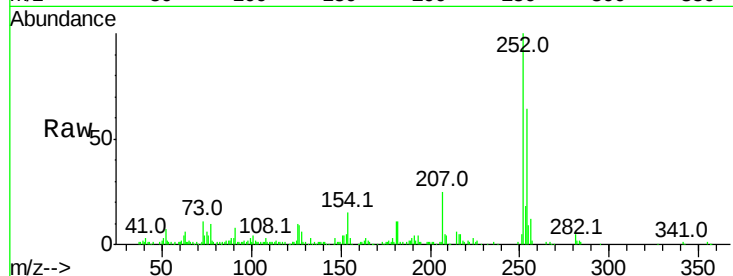




#81
 3,3'-Dichlorobenzidine
 Concen: 22.12 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

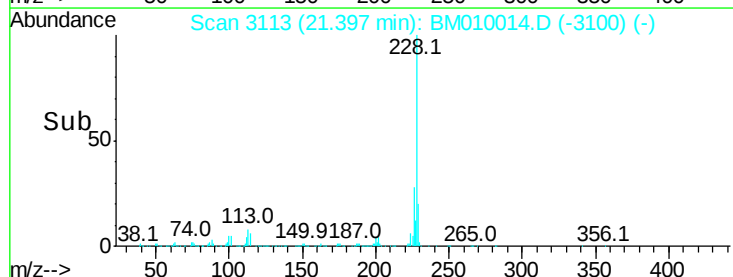
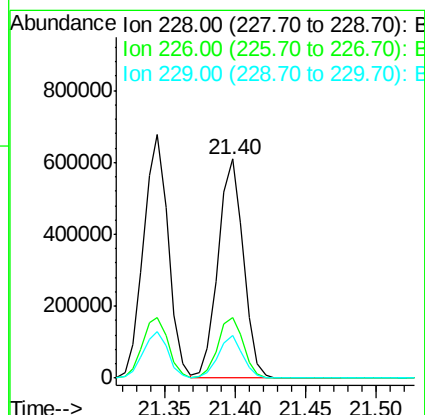
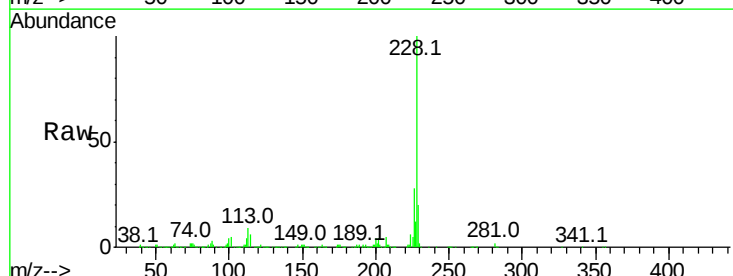
Instrument :
 BNA_M
 ClientSampleId :

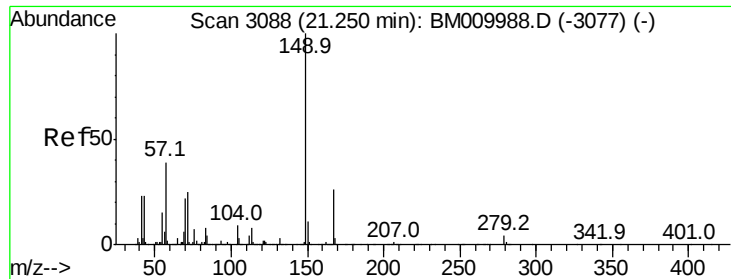
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	10.0	9.8	14.8



#82
 Chrysene
 Concen: 46.05 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.1	36.1
229	19.7	15.5	23.3

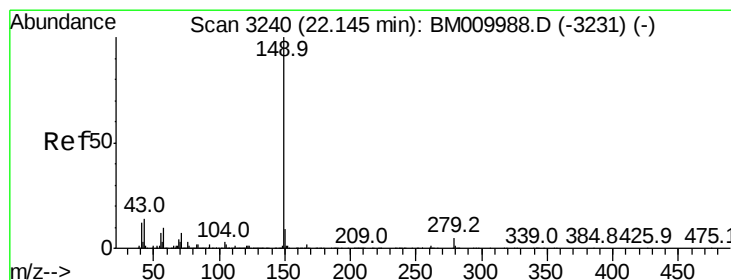
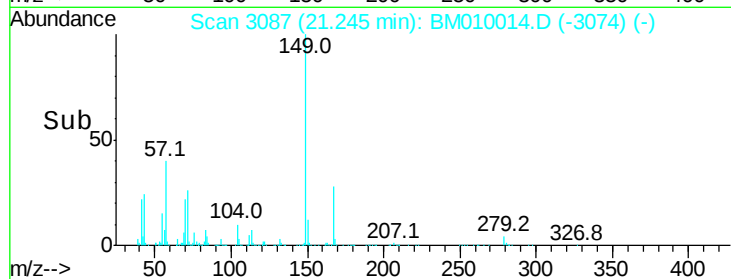
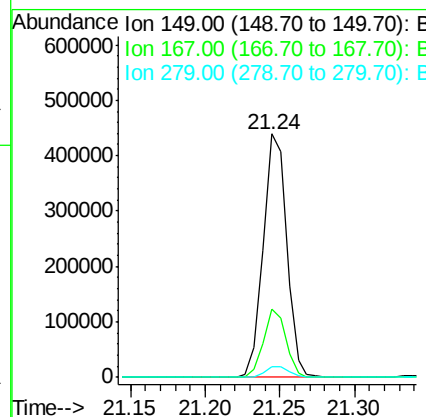
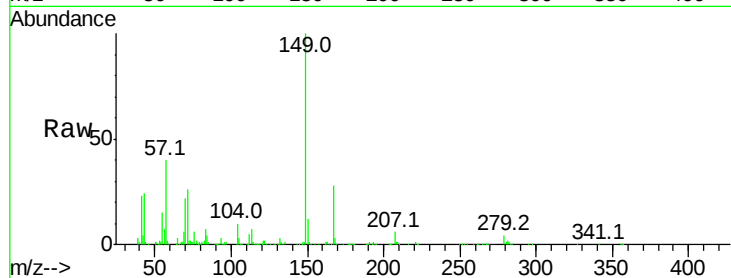




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.77 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

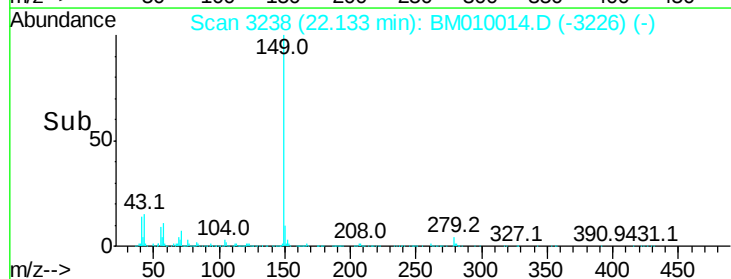
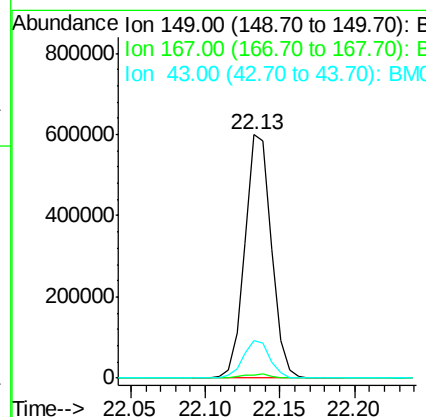
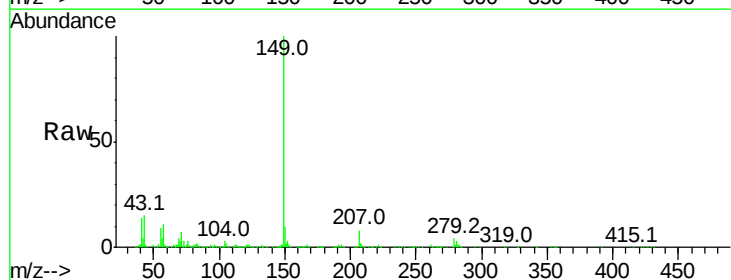
Instrument :
 BNA_M
 ClientSampleId :

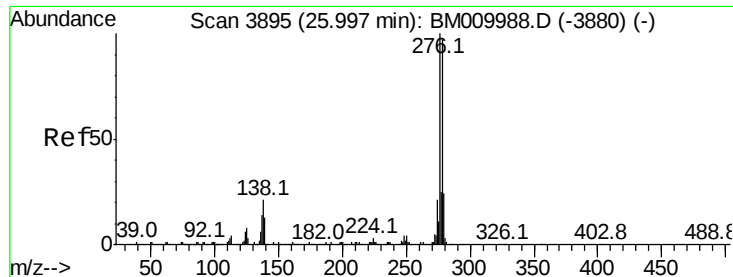
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.3	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 39.89 ng
 RT: 22.13 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BM010014.D
 Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	15.2	7.3	10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 67.64 ng

RT: 25.99 min Scan# 3893

Delta R.T. -0.07 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

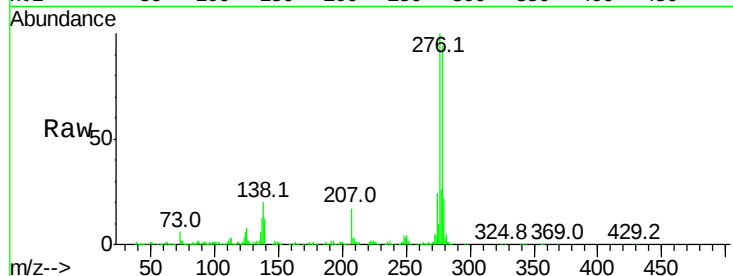
Tot Ion:276 Resp: 935710

Ion Ratio Lower Upper

276 100

138 20.1 0.0 0.0#

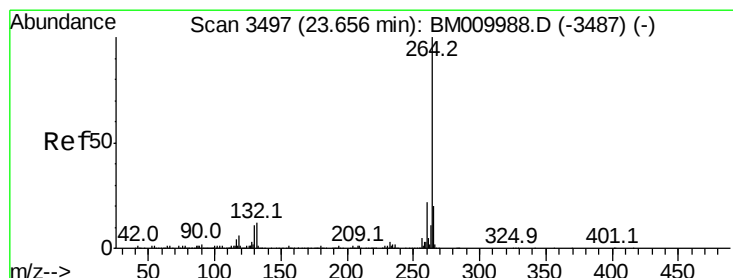
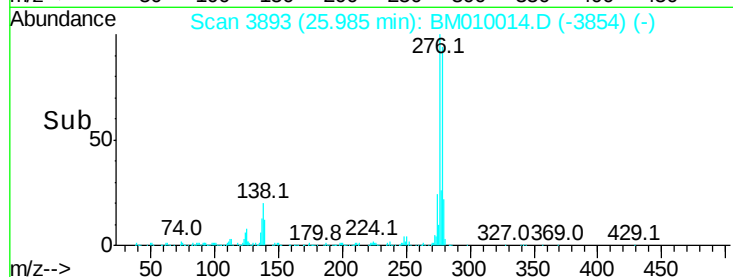
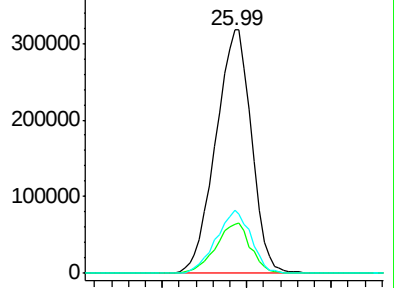
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

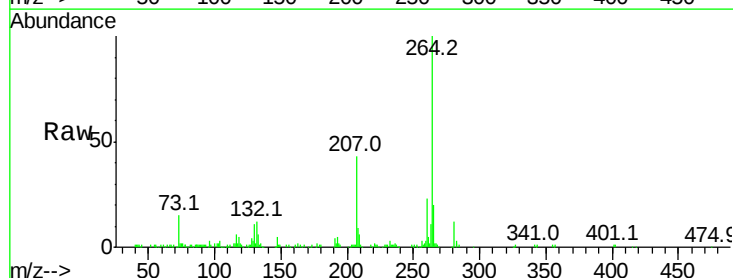
Tgt Ion:264 Resp: 259177

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

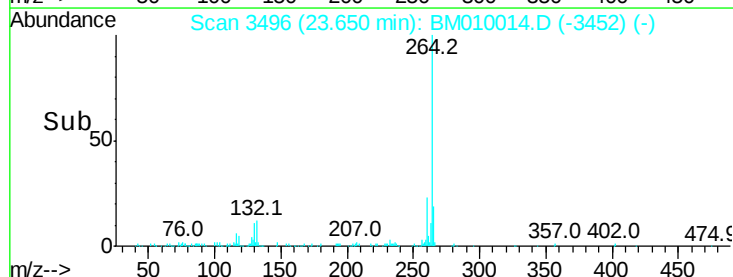
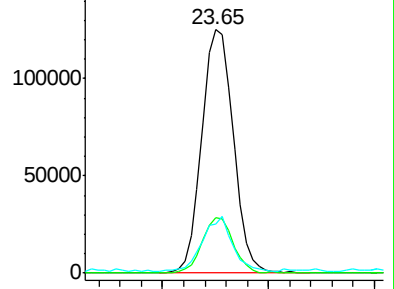
265 20.1 17.3 25.9

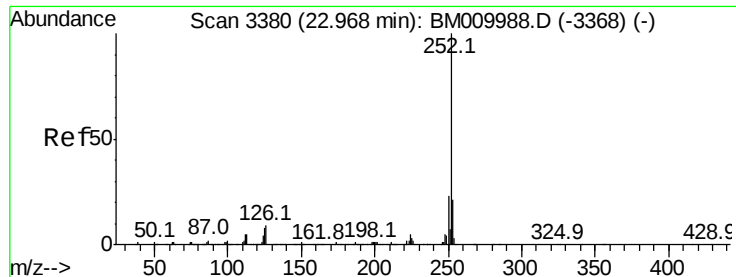


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

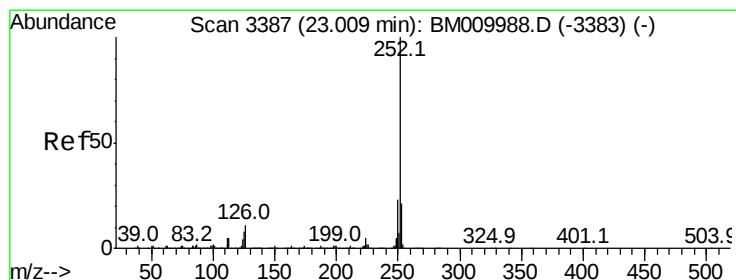
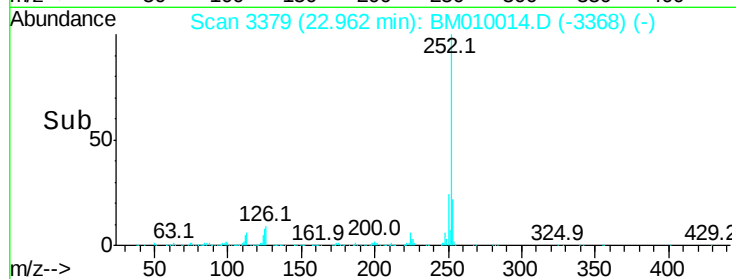
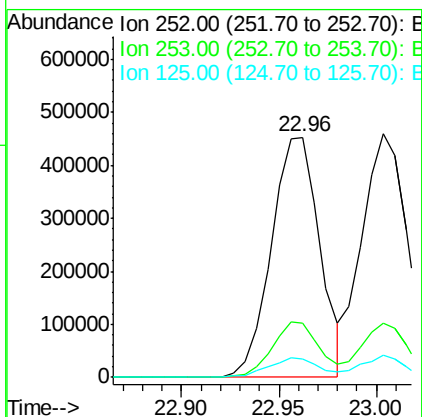
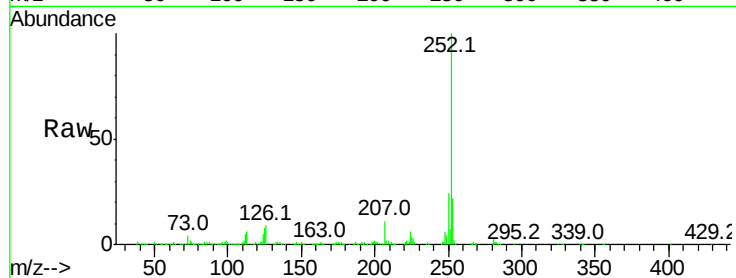




#87
Benzo(b)fluoranthene
Concen: 44.31 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

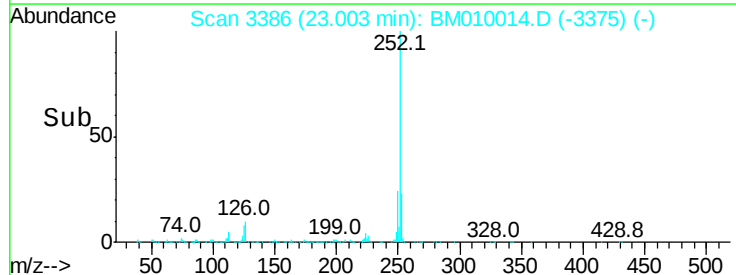
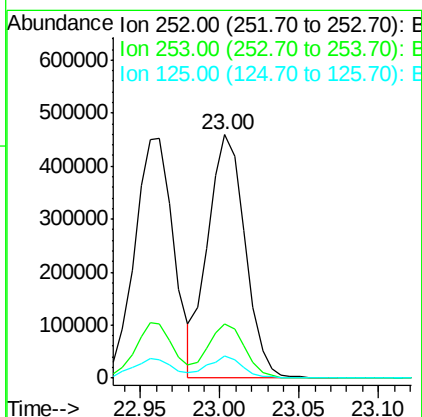
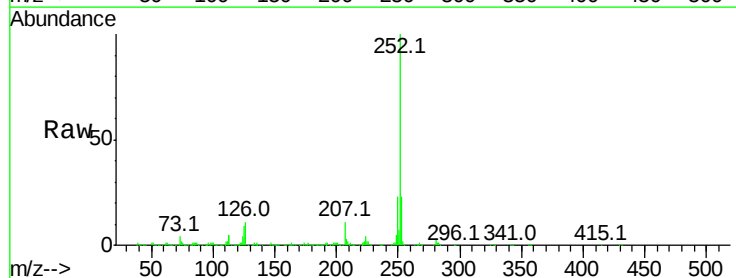
Instrument :
BNA_M
ClientSampleId :

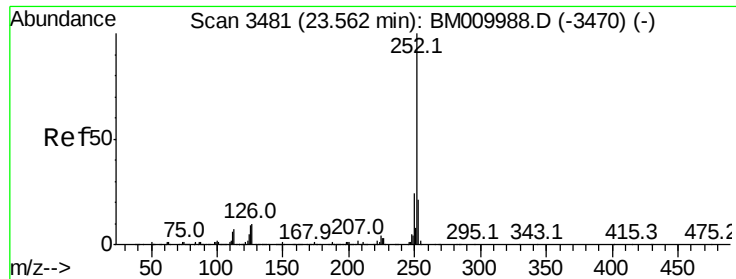
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	7.7	9.9	14.9



#88
Benzo(k)fluoranthene
Concen: 44.91 ng
RT: 23.00 min Scan# 3386
Delta R.T. -0.04 min
Lab File: BM010014.D
Acq: 12 May 2017 08:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.2	8.1	12.1





#89

Benzo(a)pyrene

Concen: 49.09 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.04 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

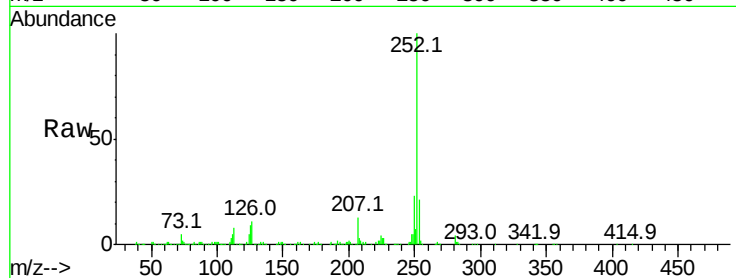
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 759660

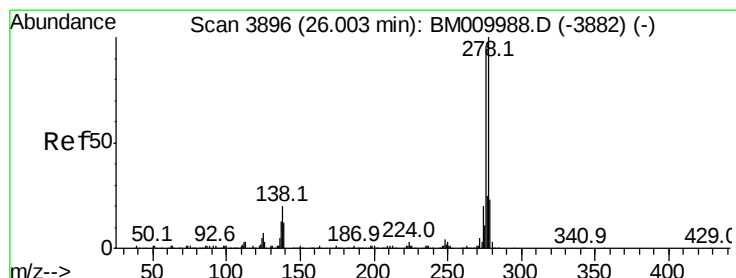
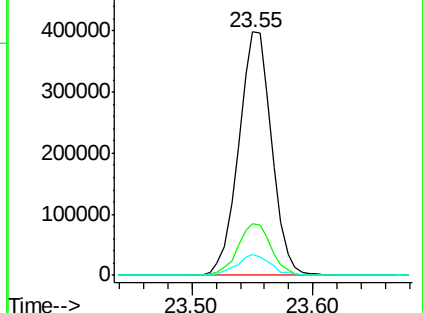
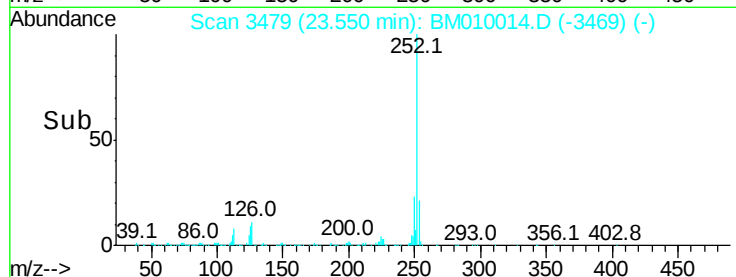
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	8.8	7.4	11.2



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: 57.97 ng

RT: 25.99 min Scan# 3894

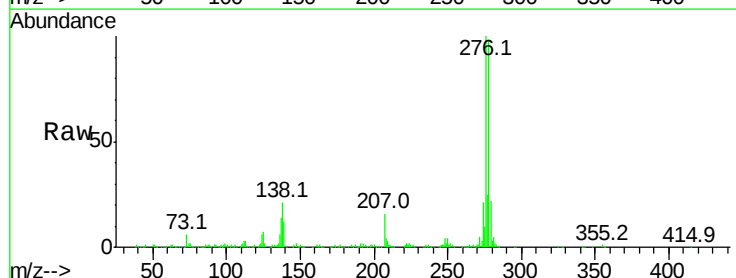
Delta R.T. -0.06 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Tgt Ion:278 Resp: 791581

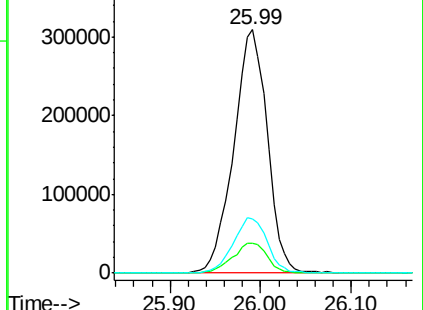
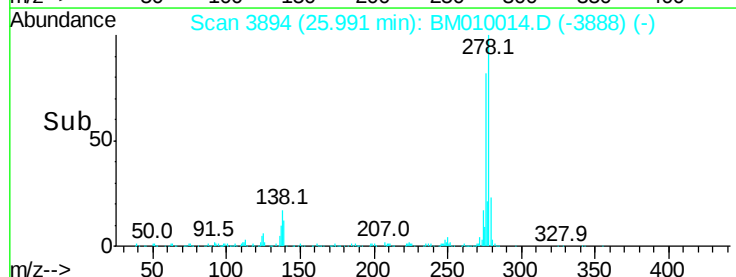
Ion	Ratio	Lower	Upper
278	100		
139	12.3	13.4	20.0#
279	22.1	19.0	28.4

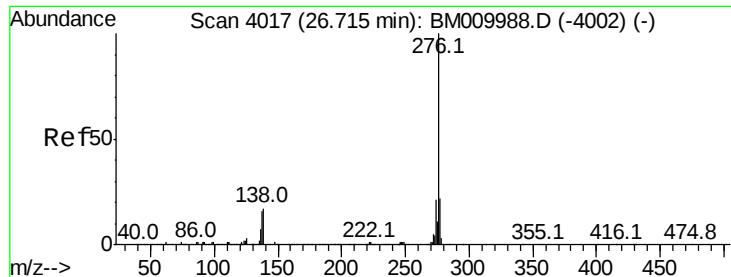


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.60 ng

RT: 26.70 min Scan# 4015

Delta R.T. -0.08 min

Lab File: BM010014.D

Acq: 12 May 2017 08:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 737506

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 15.6 19.0 28.6#

