

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010007.D
 Acq On : 12 May 2017 04:42
 Operator : SJ/MA
 Sample : I3079-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 07:02:11 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	60436	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	259824	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	169823	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	422176	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	539345	20.00	ng	-0.03
86) Perylene-d12	23.65	264	404662	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	293645	76.04	ng	-0.02
7) Phenol-d6	6.95	99	293428	47.42	ng	-0.02
23) Nitrobenzene-d5	8.93	82	706066	99.31	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	377033	162.22	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1200246	94.52	ng	-0.02
78) Terphenyl-d14	19.80	244	2176682	85.06	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	5922	4.14	ng	# 100
3) Pyridine	3.70	79	109	0.02	ng	# 26
4) n-Nitrosodimethylamine	3.60	42	124	0.04	ng	# 1
8) 2-Chlorophenol	7.33	128	3945	0.94	ng	# 42
9) Benzaldehyde	6.93	77	1845	0.40	ng	# 2
10) Phenol	6.97	94	20531	3.05	ng	# 84
11) bis(2-Chloroethyl)ether	7.20	93	593	0.11	ng	# 52
12) 1,3-Dichlorobenzene	7.65	146	1484	0.32	ng	# 47
13) 1,4-Dichlorobenzene	7.79	146	11366	2.37	ng	# 95
14) 1,2-Dichlorobenzene	8.11	146	26907	5.79	ng	# 93
15) Benzyl Alcohol	8.08	79	8907	1.69	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.26	45	130	0.02	ng	# 66
22) Acetophenone	8.56	105	211	0.03	ng	# 52
24) Nitrobenzene	8.99	77	395	0.05	ng	# 42
25) Isophorone	9.48	82	172	0.01	ng	# 62
31) Naphthalene	10.60	128	1437	0.10	ng	# 69
36) 4-Chloro-3-methylphenol	11.92	107	1902	0.34	ng	# 14
37) 2-Methylnaphthalene	12.24	142	444	0.04	ng	# 76
47) 2-Nitroaniline	13.56	65	126	0.03	ng	# 1
49) Dimethylphthalate	13.87	163	24627	1.65	ng	# 100
51) Acenaphthene	14.48	154	11894	1.08	ng	# 96
55) 4-Nitrophenol	14.84	139	125	0.06	ng	# 27
57) Fluorene	15.48	166	420	0.03	ng	# 1
59) Diethylphthalate	15.23	149	3522	0.22	ng	# 87
62) Azobenzene	15.77	77	712	0.04	ng	# 37
65) n-Nitrosodiphenylamine	15.68	169	835	0.06	ng	# 24
70) Phenanthrene	17.21	178	481	0.02	ng	# 60
71) Anthracene	17.31	178	1333	0.05	ng	# 44
72) Carbazole	17.59	167	166	0.01	ng	# 59
73) Di-n-butylphthalate	18.12	149	2628	0.09	ng	# 78
74) Fluoranthene	19.15	202	118	0.00	ng	# 66
76) Benzydine	19.44	184	120	0.01	ng	# 68
77) Pvrene	19.60	202	1484	0.05	ng	# 57
79) Butylbenzylphthalate	20.46	149	2528	0.19	ng	# 86

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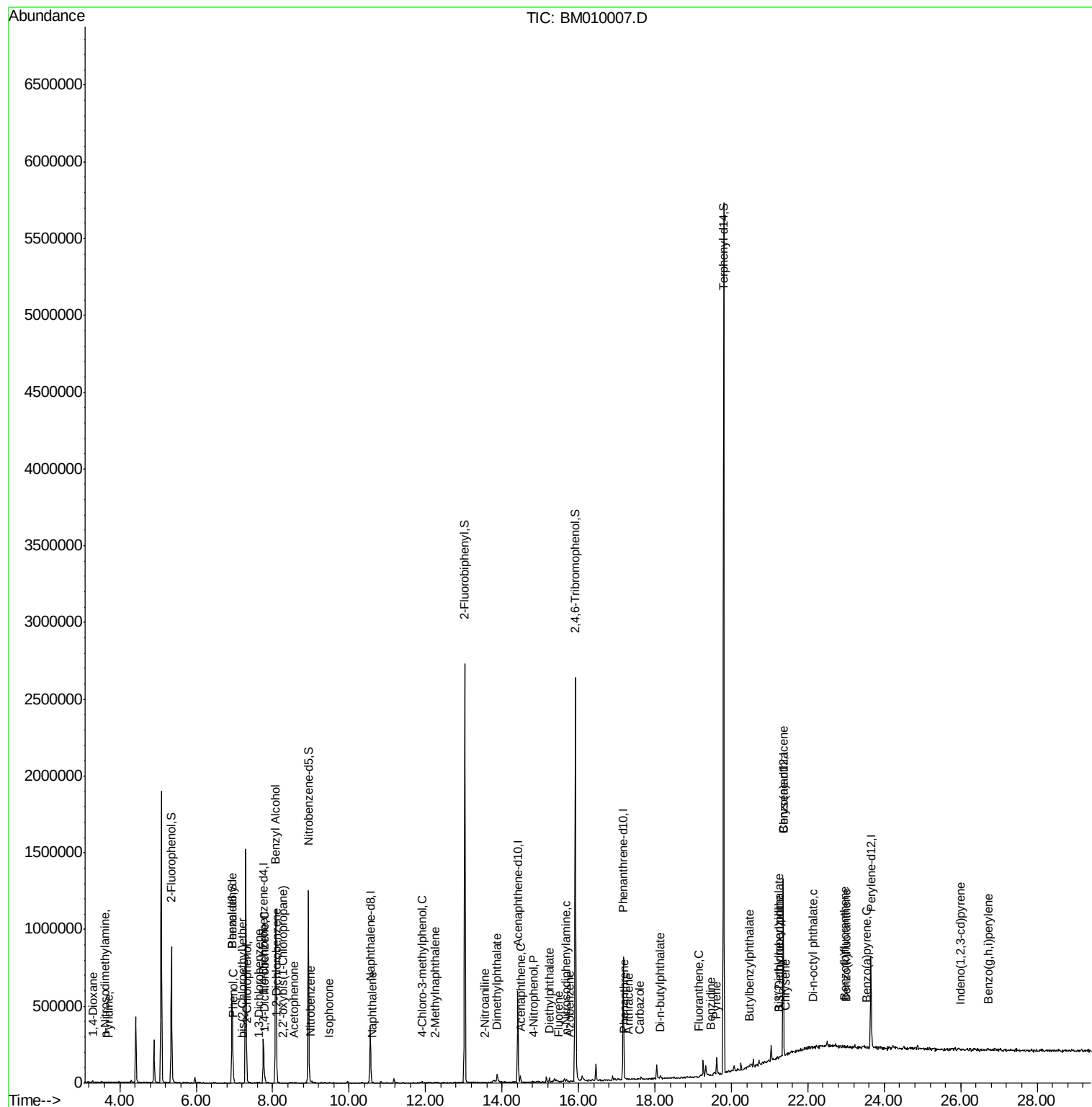
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	21.36	228	3022	0.09	ng	# 59
81) 3,3'-Dichlorobenzidine	21.25	252	250	0.02	ng	# 1
82) Chrysene	21.41	228	387	0.01	ng	# 27
83) Bis(2-ethylhexyl)phthalate	21.24	149	3120	0.16	ng	# 88
84) Di-n-octyl phthalate	22.14	149	986	0.03	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.00	276	226	0.01	ng	# 100
87) Benzo(b)fluoranthene	22.96	252	425	0.02	ng	# 1
88) Benzo(k)fluoranthene	23.02	252	186	0.01	ng	# 1
89) Benzo(a)pyrene	23.55	252	283	0.01	ng	# 1
91) Benzo(a,h,i)perylene	26.73	276	144	0.01	ng	# 52

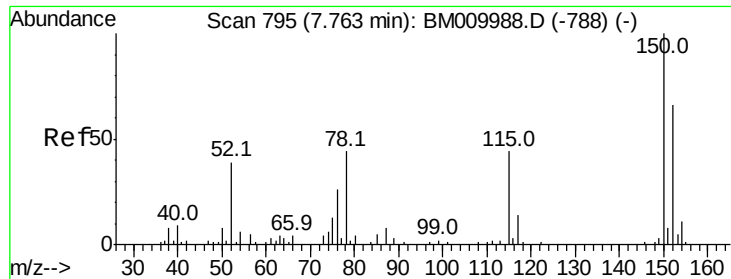
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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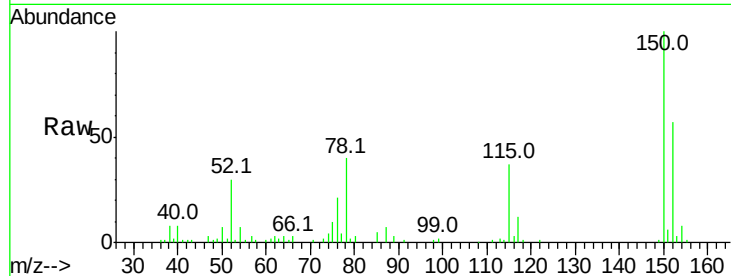


#1

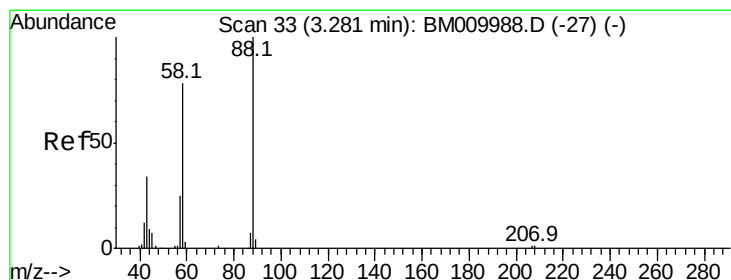
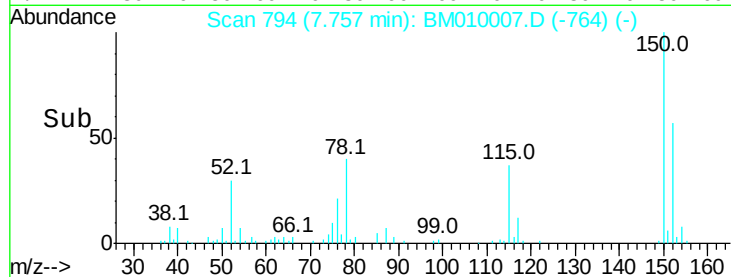
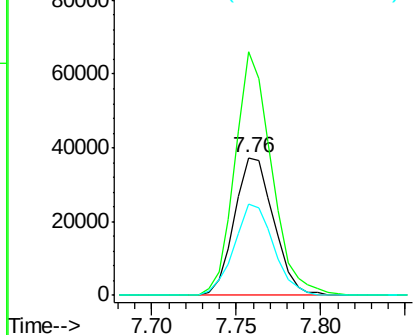
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 60436
Ion Ratio Lower Upper
152 100
150 176.4 119.5 179.3
115 65.8 43.0 64.4#



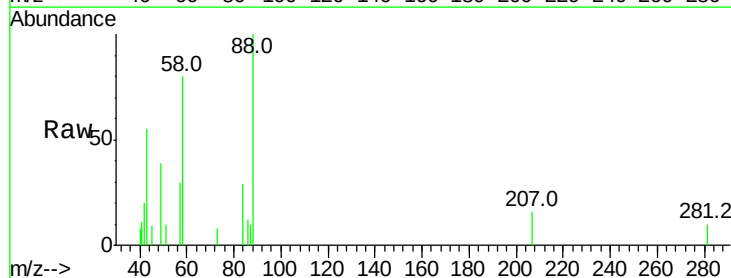
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



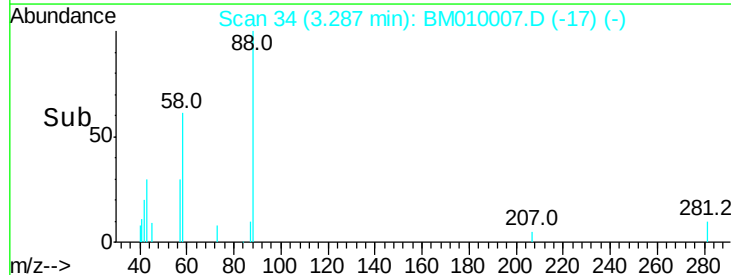
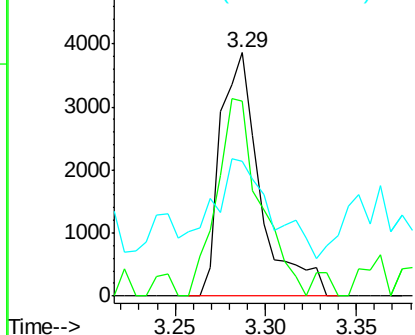
#2

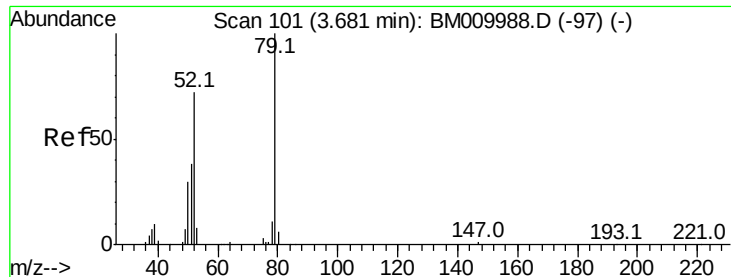
1,4-Dioxane
Concen: 4.14 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.00 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion: 88 Resp: 5922
Ion Ratio Lower Upper
88 100
58 88.1 0.0 0.0#
43 58.5 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

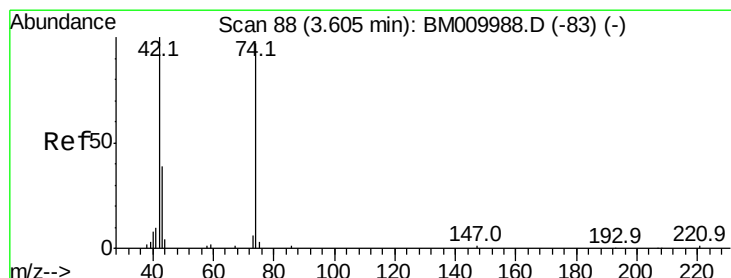
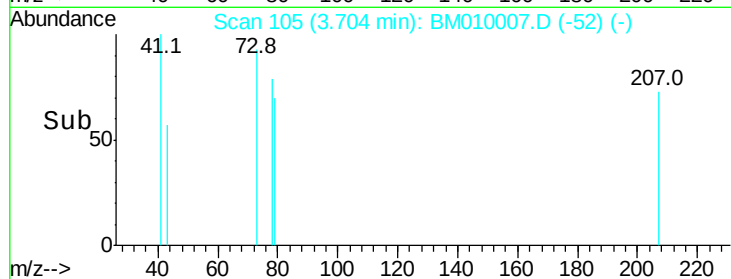
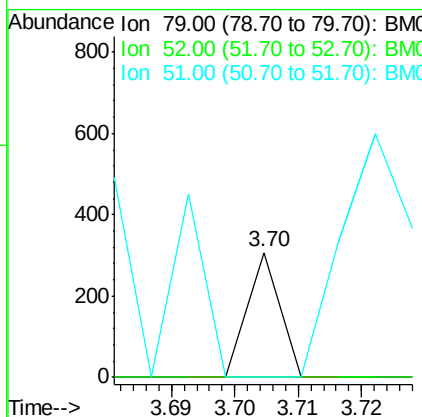
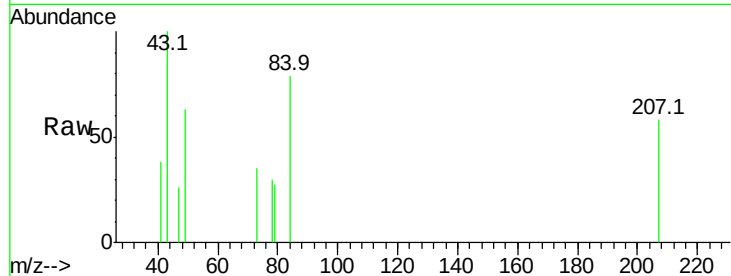




#3
Pvridine
Concen: 0.02 ng
RT: 3.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

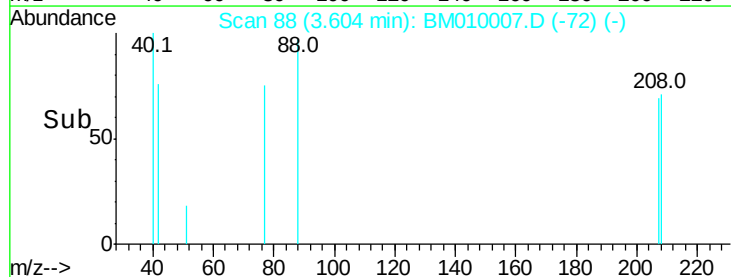
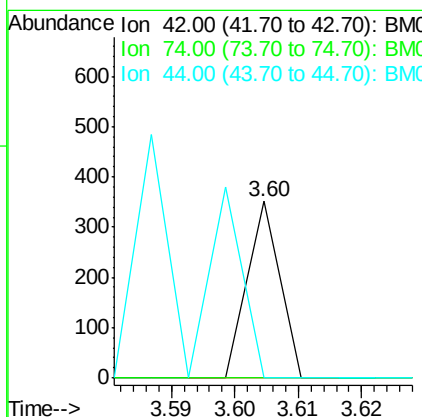
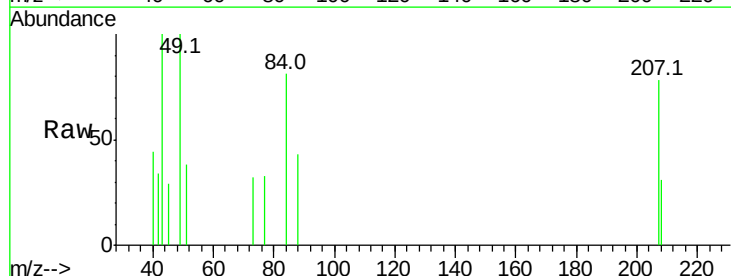
Instrument :
BNA_M
ClientSampleId :

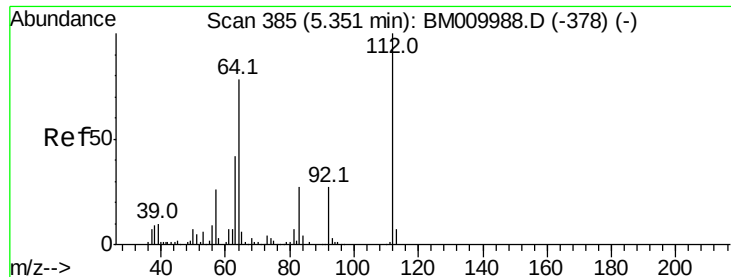
Tot Ion: 79 Resp: 109
Ion Ratio Lower Upper
79 100
52 0.0 51.1 76.7#
51 0.0 26.1 39.1#



#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion: 42 Resp: 124
Ion Ratio Lower Upper
42 100
74 0.0 119.3 178.9#
44 0.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampled :

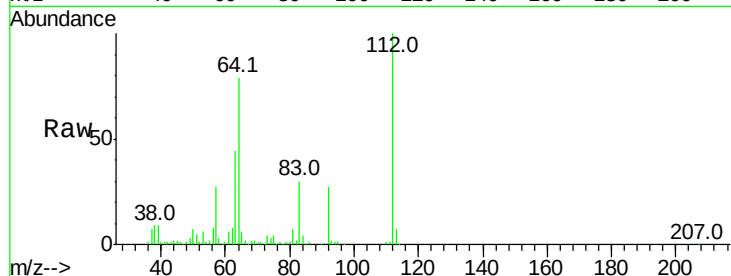
Tot Ion:112 Resp: 293645

Ion Ratio Lower Upper

112 100

64 78.8 38.6 57.8#

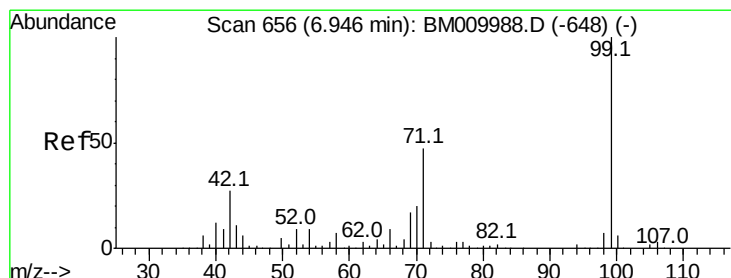
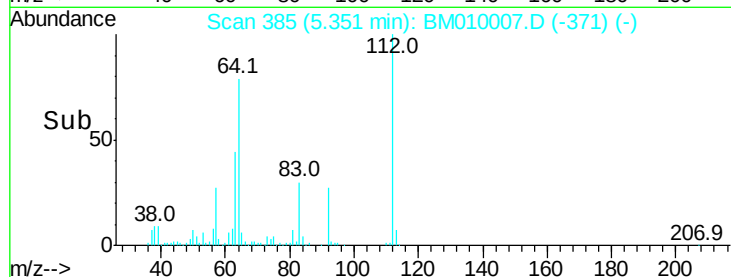
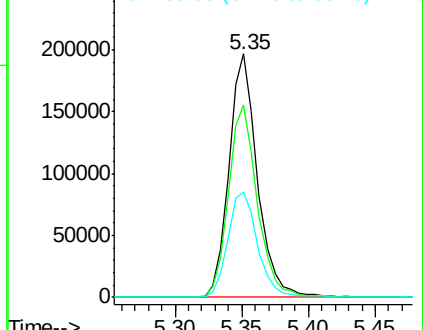
63 43.5 19.3 28.9#



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



#7

Phenol-d6

Concen: 47.42 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

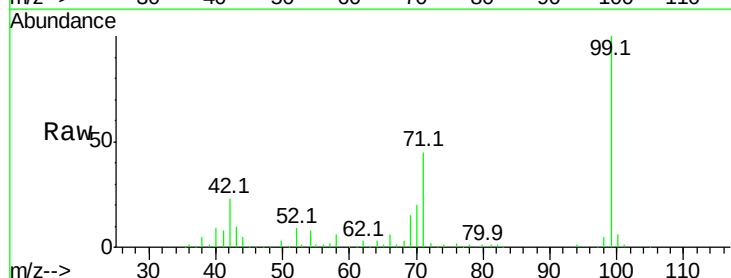
Tgt Ion: 99 Resp: 293428

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

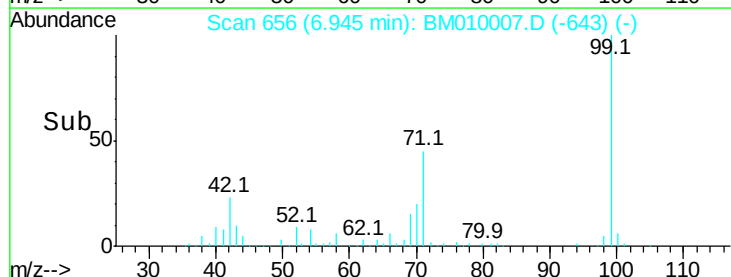
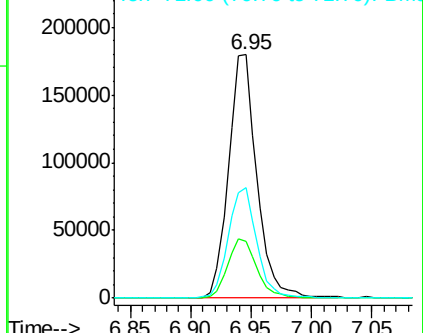
71 45.2 23.4 35.2#

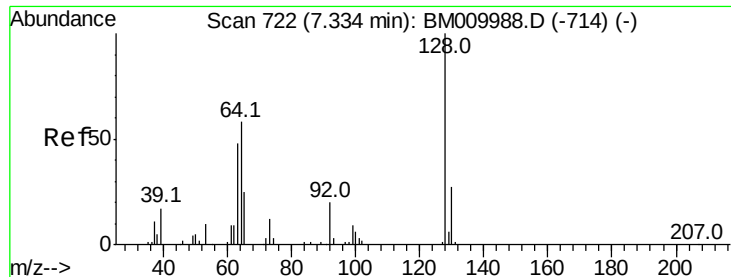


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.94 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampled :

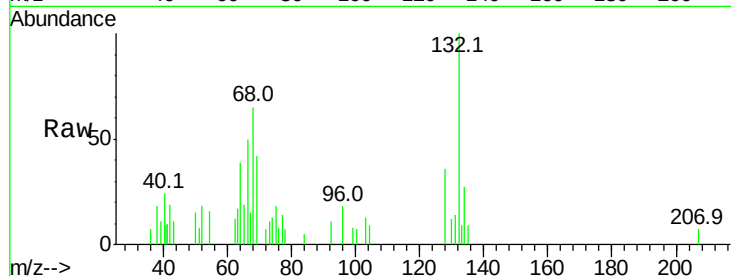
Tot Ion:128 Resp: 3945

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

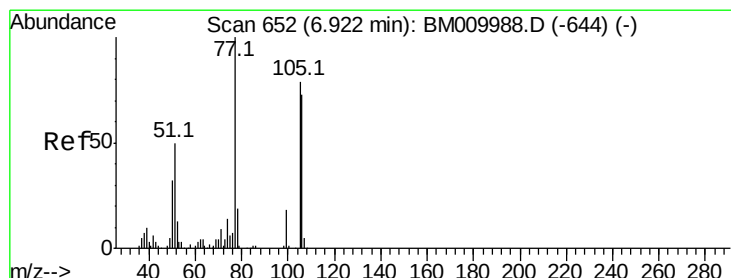
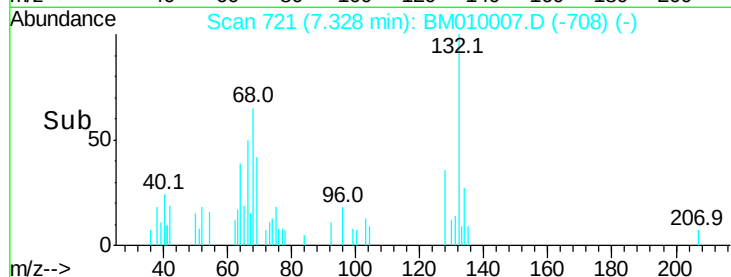
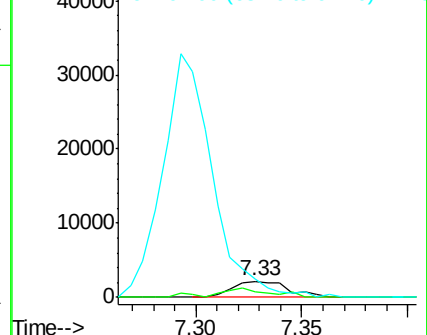
64 109.0 24.9 64.9#



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): BM



#9

Benzaldehyde

Concen: 0.40 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

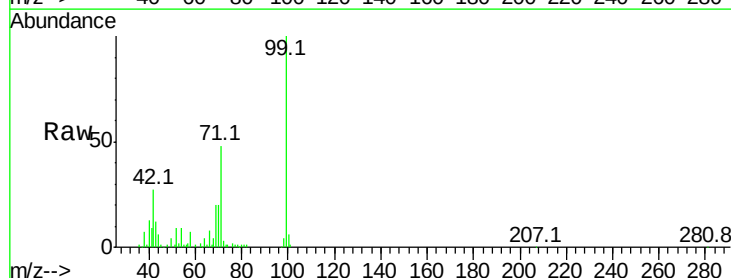
Tgt Ion: 77 Resp: 1845

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

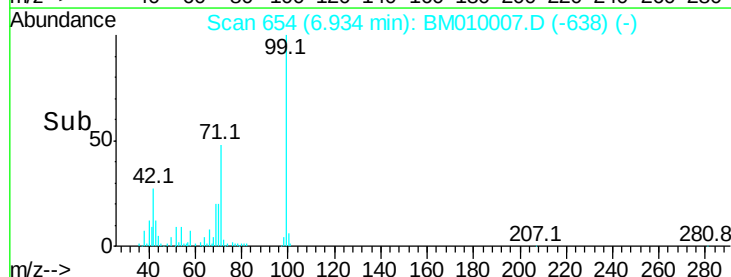
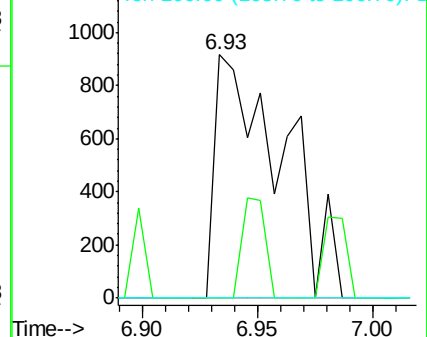
106 0.0 73.7 113.7#

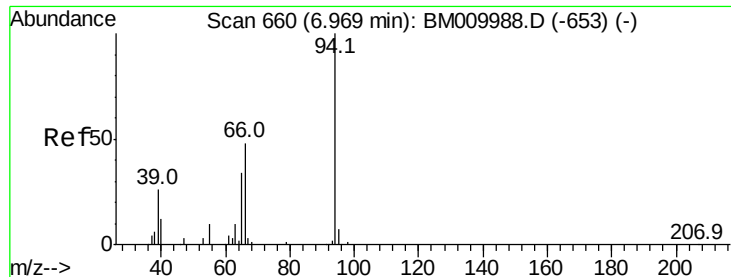


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.05 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010007.D

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Instrument :

BNA_M

ClientSampleId :

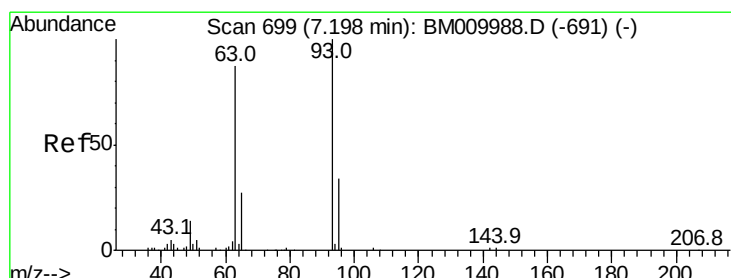
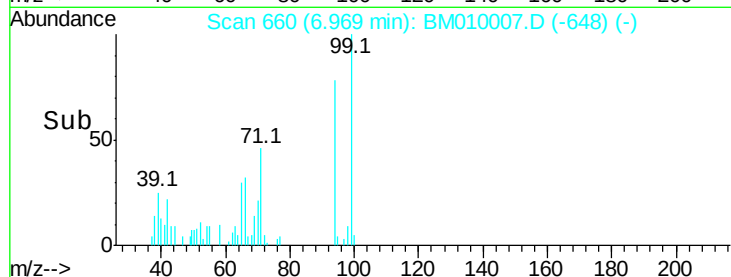
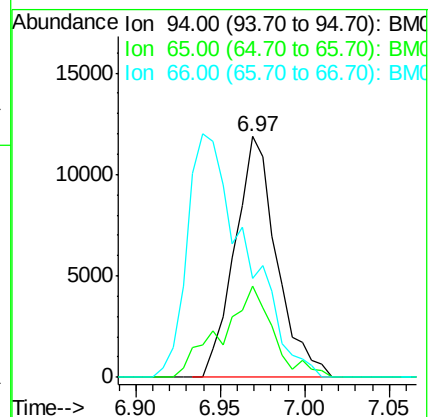
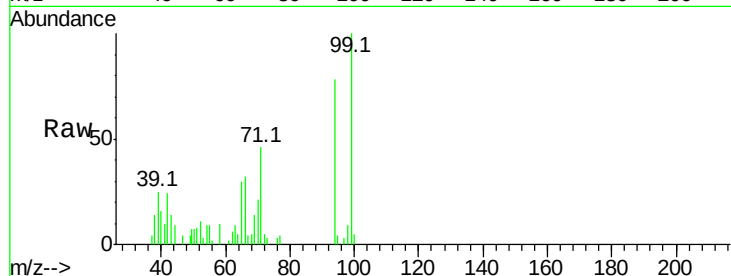
Tot Ion: 94 Resp: 20531

Ion Ratio Lower Upper

94 100

65 38.0 18.8 58.8

66 40.9 39.9 79.9



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

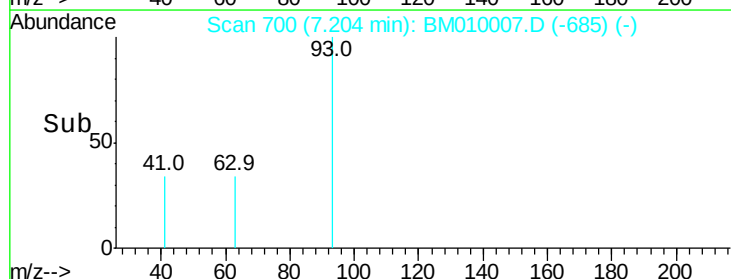
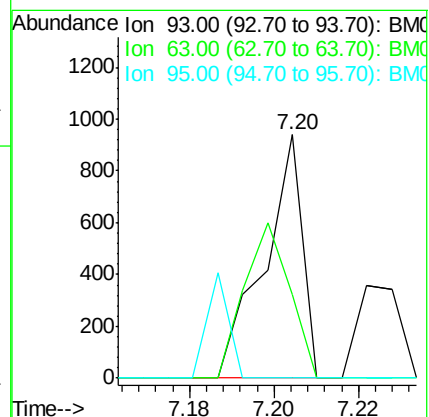
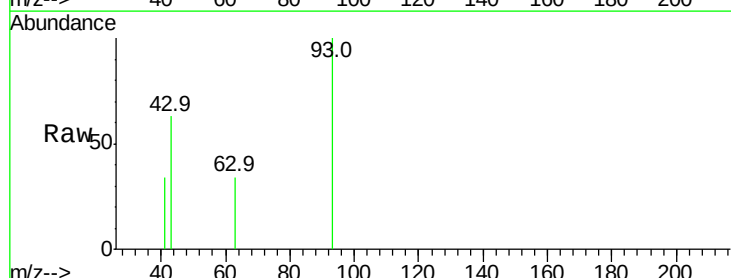
Tgt Ion: 93 Resp: 593

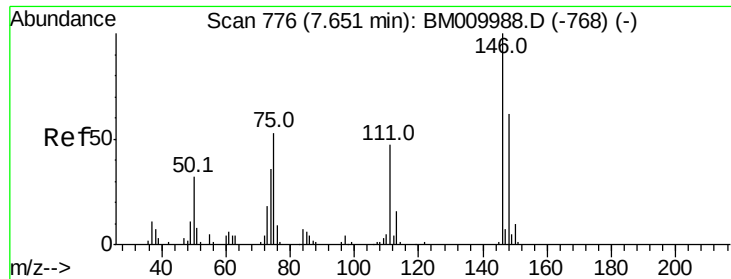
Ion Ratio Lower Upper

93 100

63 34.5 49.5 89.5#

95 0.0 13.5 53.5#

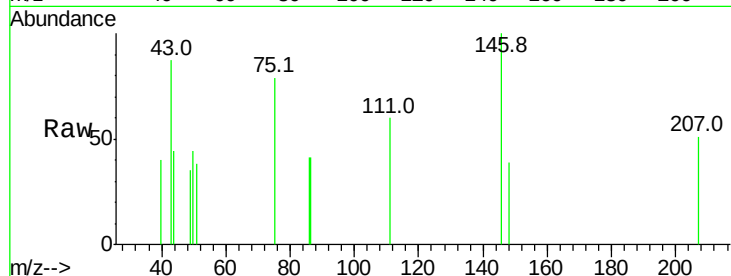




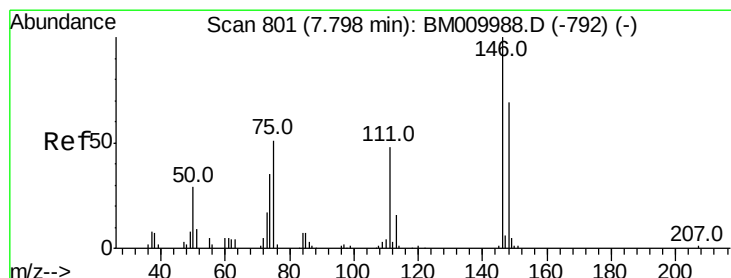
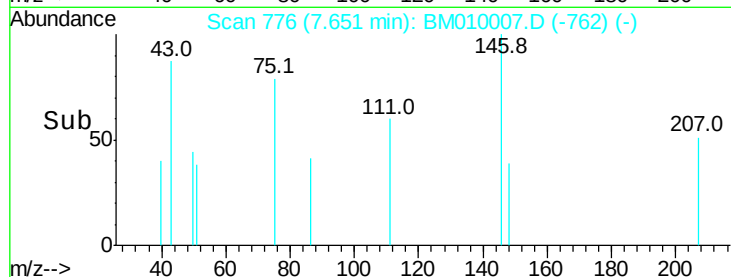
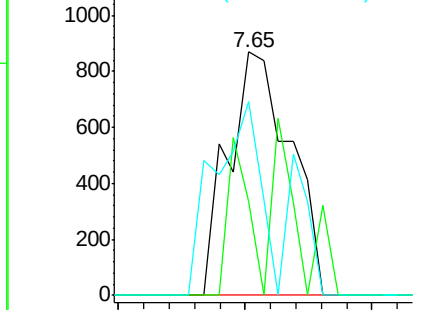
#12
 1,3-Dichlorobenzene
 Concen: 0.32 ng
 RT: 7.65 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 1484
 Ion Ratio Lower Upper
 146 100
 148 38.5 50.9 76.3#
 75 79.4 21.4 32.2#

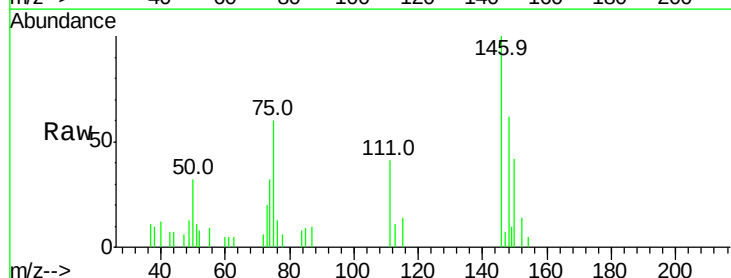


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BM0

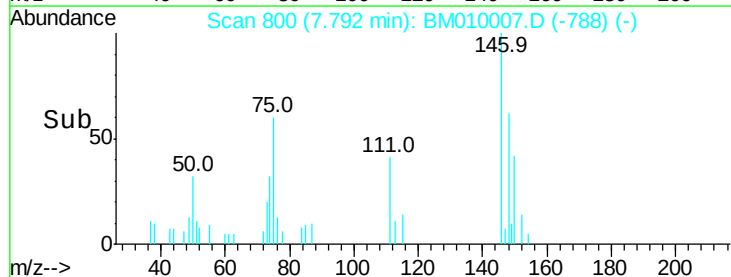
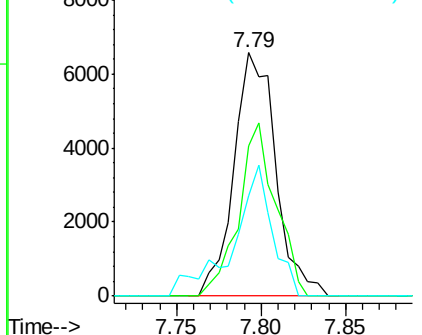


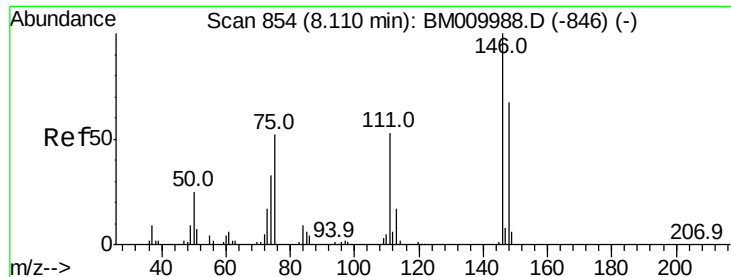
#13
 1,4-Dichlorobenzene
 Concen: 2.37 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion:146 Resp: 11366
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.9 77.9
 111 41.1 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

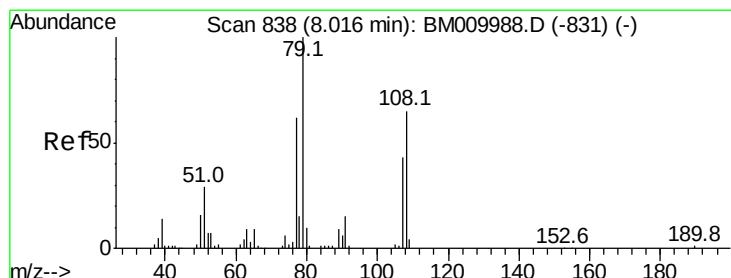
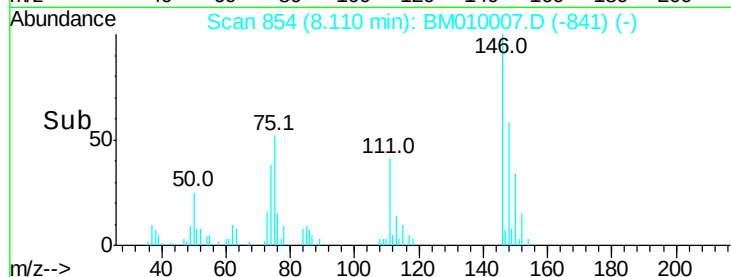
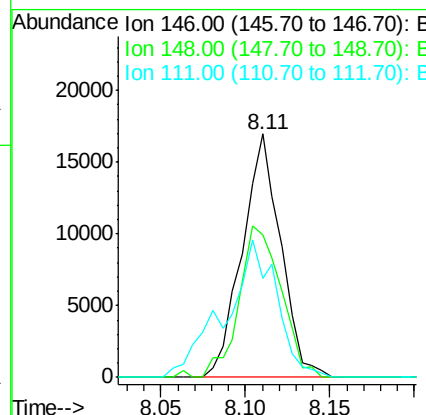
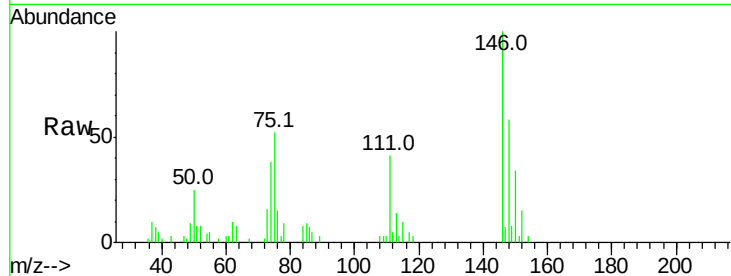




#14
 1,2-Dichlorobenzene
 Concen: 5.79 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

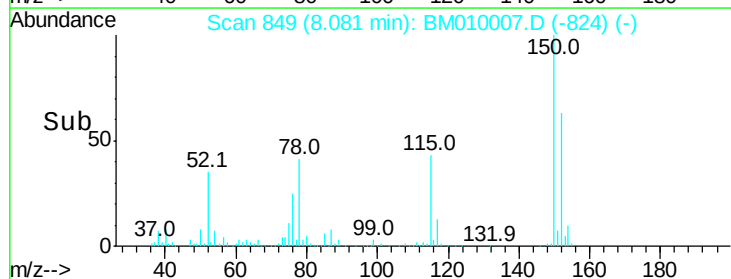
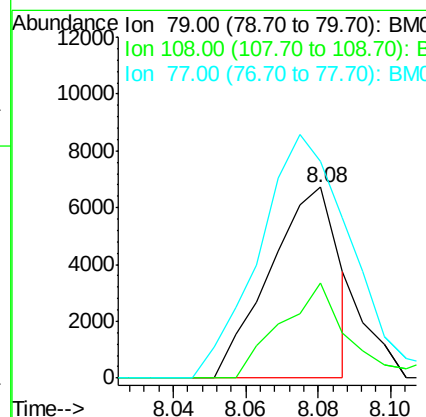
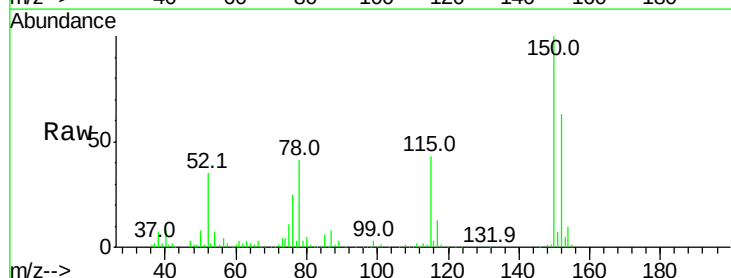
Instrument :
 BNA_M
 ClientSampled :

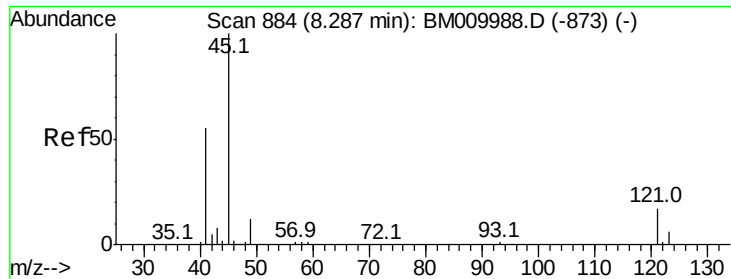
Tot Ion:146 Resp: 26907
 Ion Ratio Lower Upper
 146 100
 148 58.4 52.3 78.5
 111 40.6 30.6 45.8



#15
 Benzyl Alcohol
 Concen: 1.69 ng
 RT: 8.08 min Scan# 849
 Delta R.T. 0.05 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion: 79 Resp: 8907
 Ion Ratio Lower Upper
 79 100
 108 49.8 65.0 97.4#
 77 113.2 53.0 79.6#

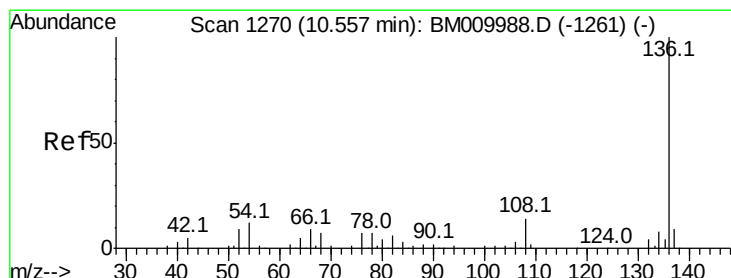
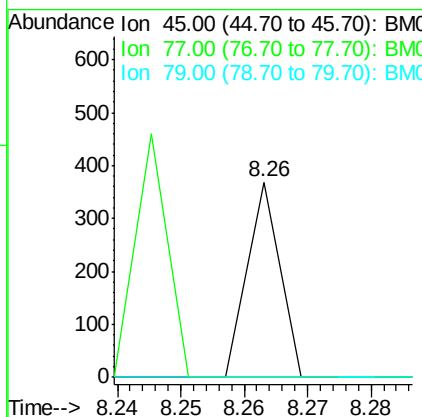
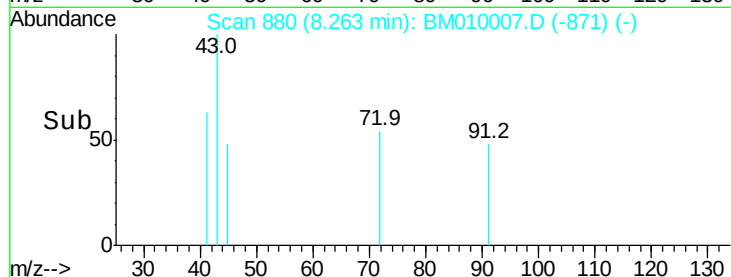
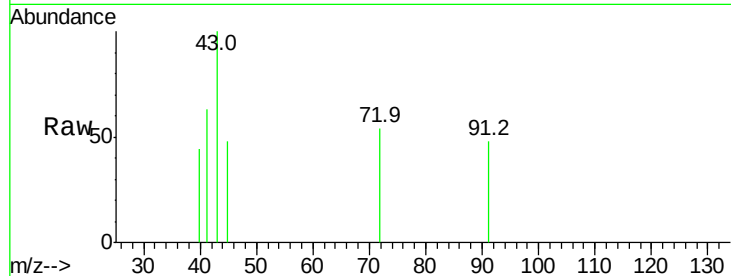




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.02 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.05 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

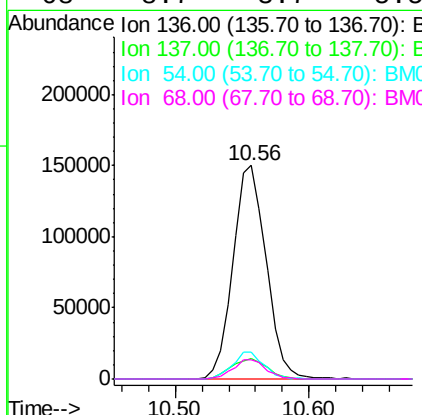
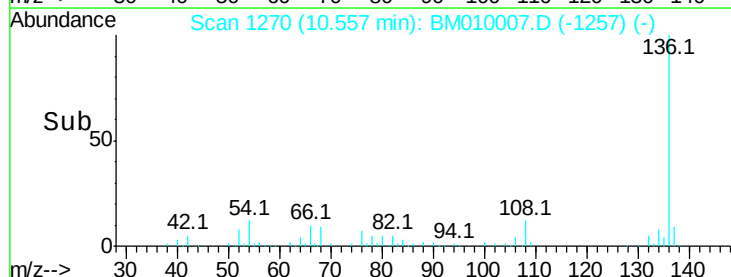
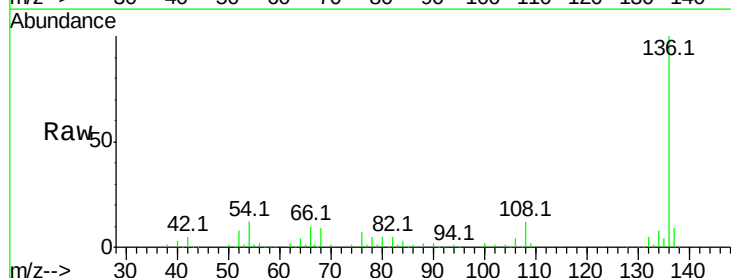
Instrument :
BNA_M
ClientSampleId :

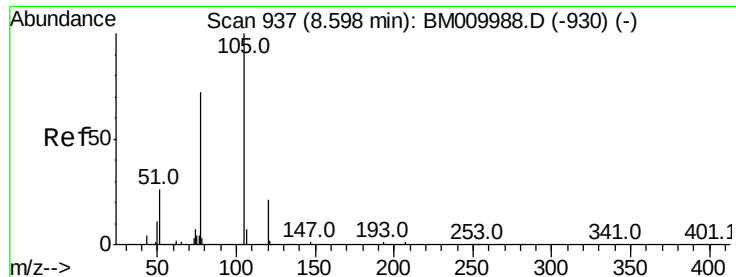
Tot Ion: 45 Resp: 130
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.2
79 0.0 0.0 32.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion: 136 Resp: 259824
Ion Ratio Lower Upper
136 100
137 9.5 8.7 13.1
54 12.4 4.6 6.8#
68 8.7 3.7 5.5#





#22

Acetophenone

Concen: 0.03 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.06 min

Lab File: BM010007.D

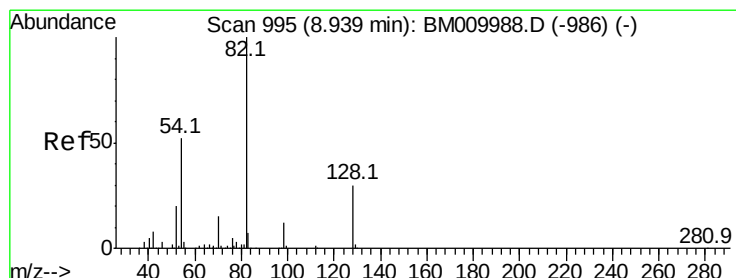
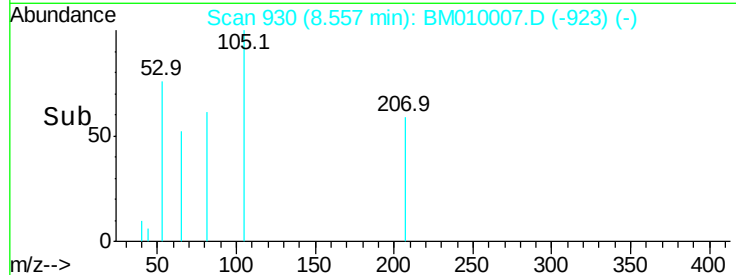
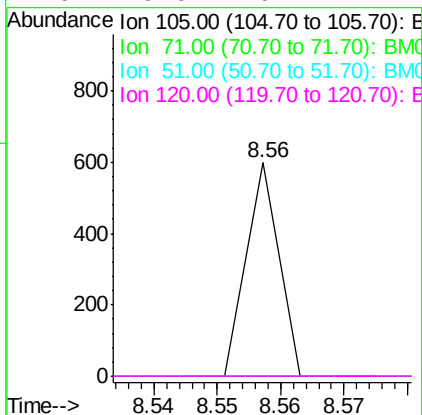
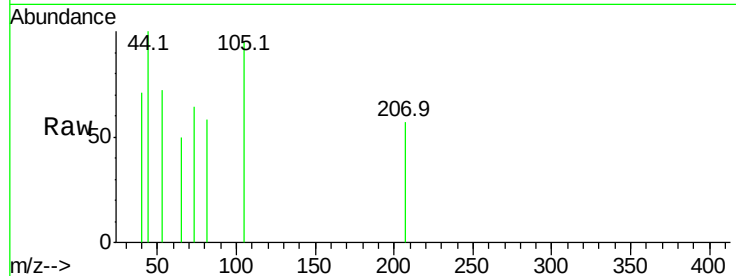
Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampled :

Tot Ion:	105	Resp:	211
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#



#23

Nitrobenzene-d5

Concen: 99.31 ng

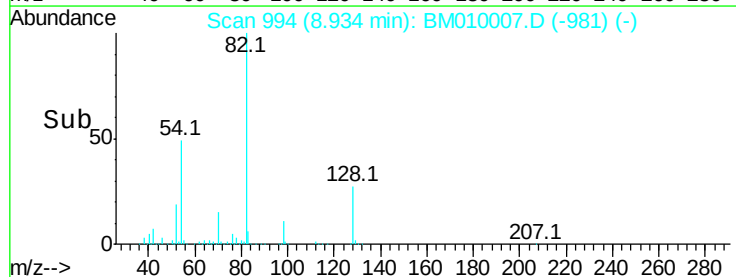
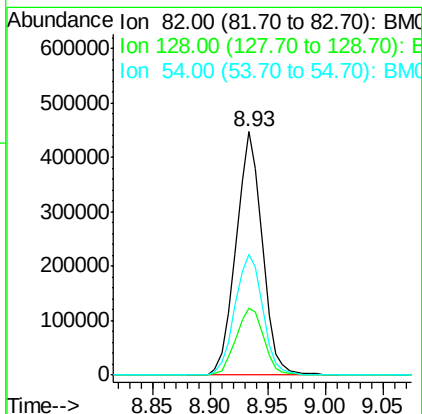
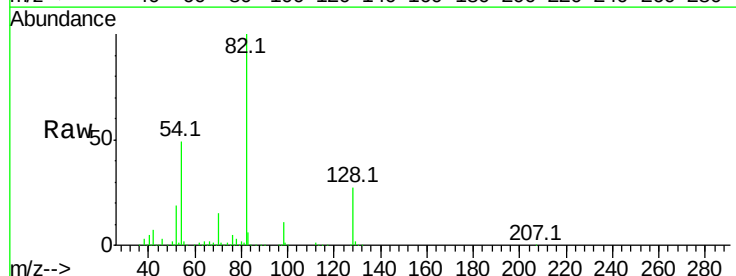
RT: 8.93 min Scan# 994

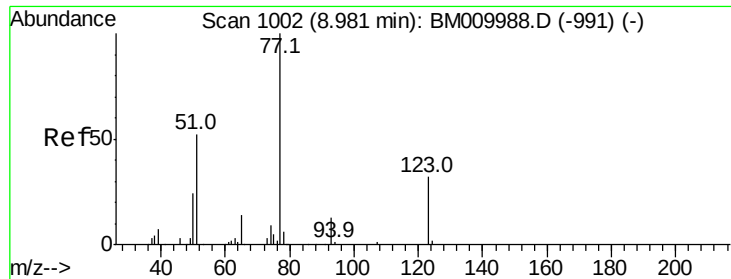
Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Tgt Ion:	82	Resp:	706066
Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	49.3	40.6	60.8

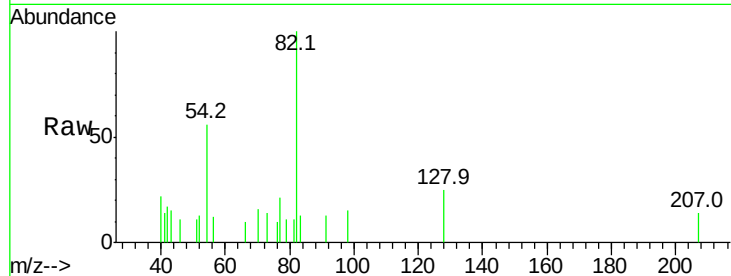




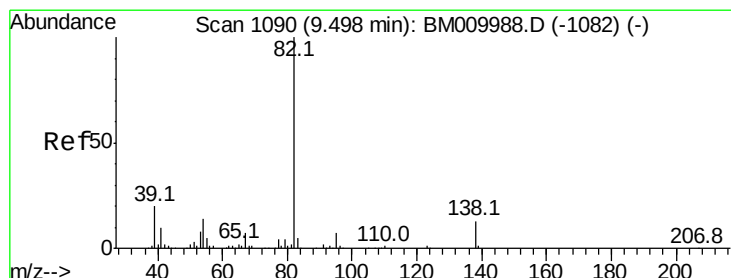
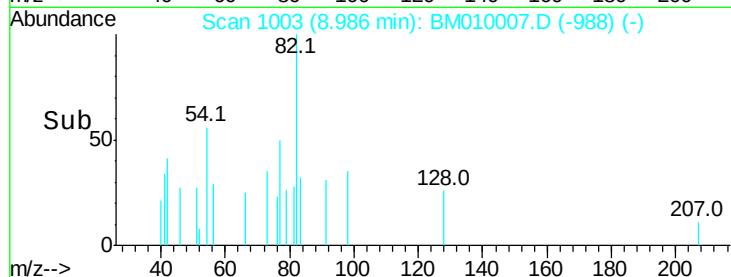
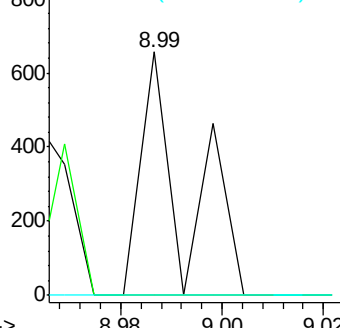
#24
Nitrobenzene
Concen: 0.05 ng
RT: 8.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 395
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#

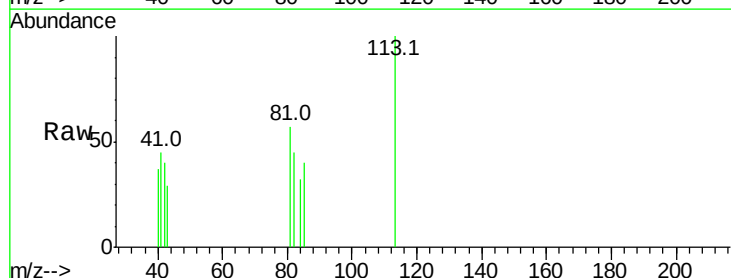


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0

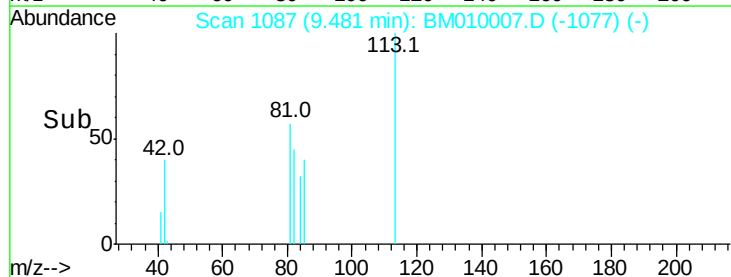
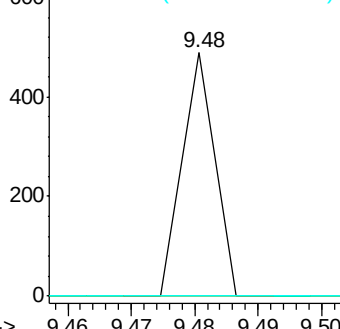


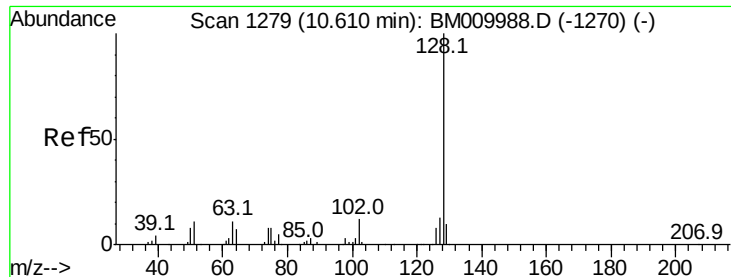
#25
Isophorone
Concen: 0.01 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion: 82 Resp: 172
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

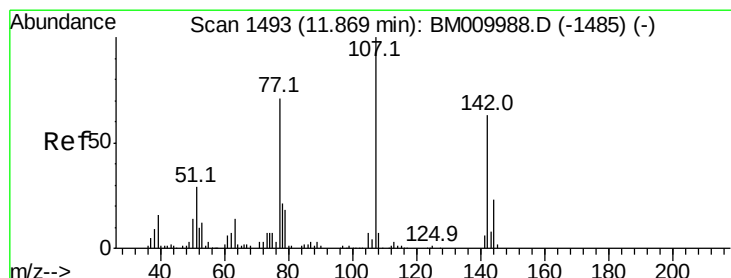
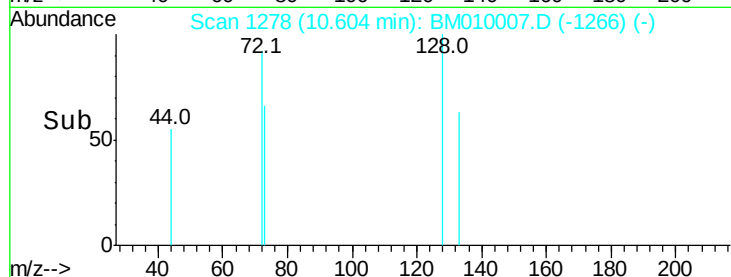
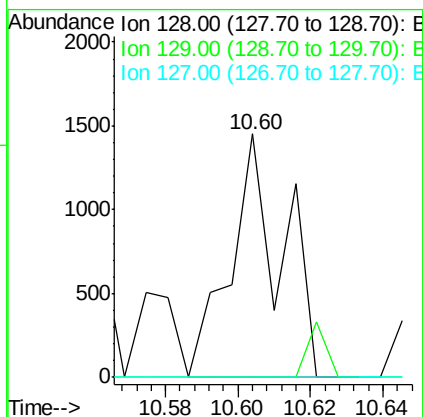
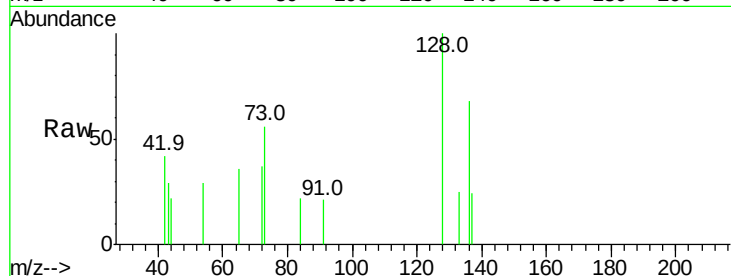




#31
Naphthalene
Concen: 0.10 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

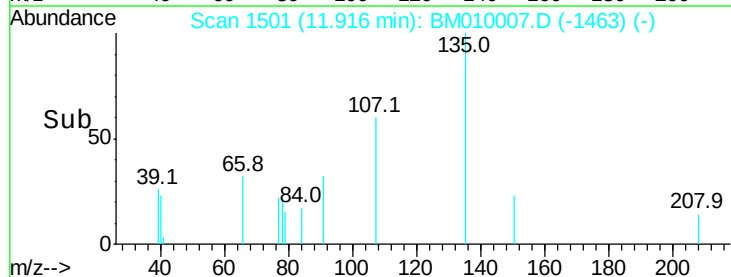
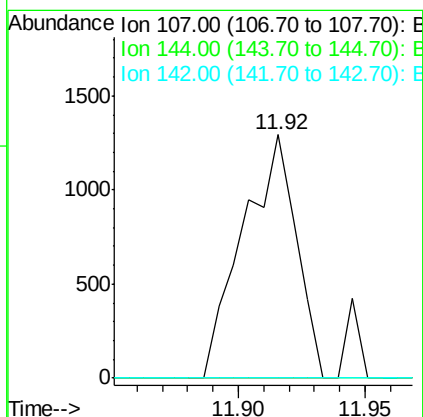
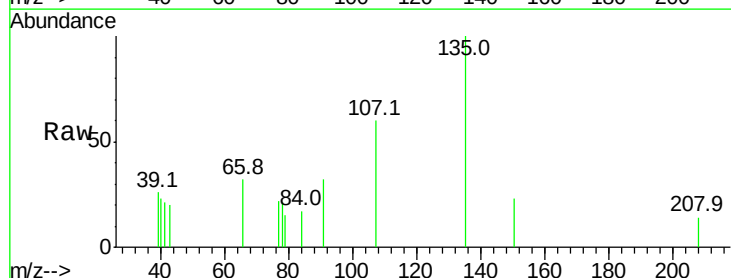
Instrument :
BNA_M
ClientSampleId :

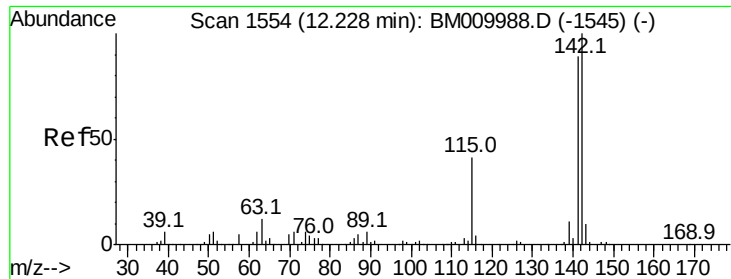
Tot Ion:128 Resp: 1437
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#



#36
4-Chloro-3-methylphenol
Concen: 0.34 ng
RT: 11.92 min Scan# 1501
Delta R.T. 0.02 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:107 Resp: 1902
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#

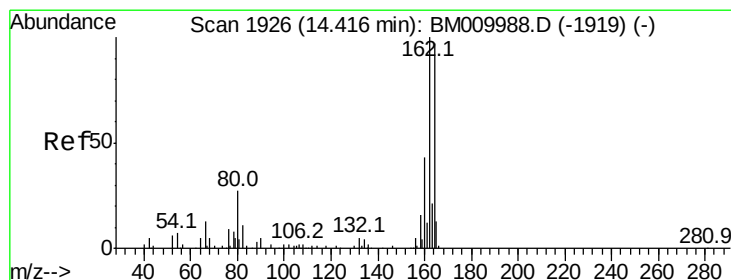
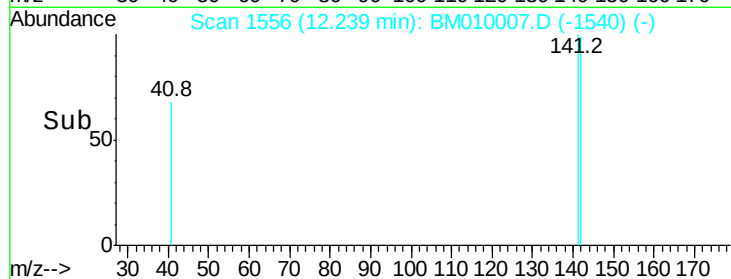
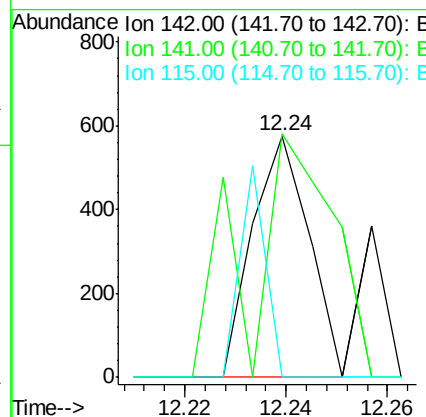
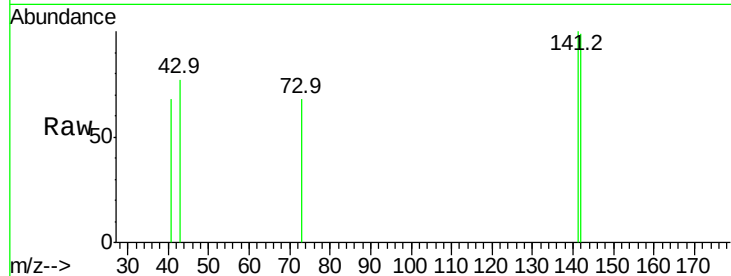




#37
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

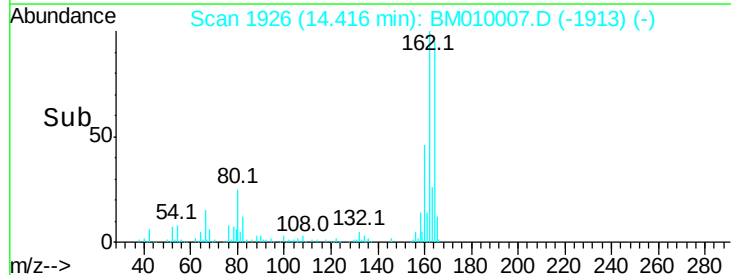
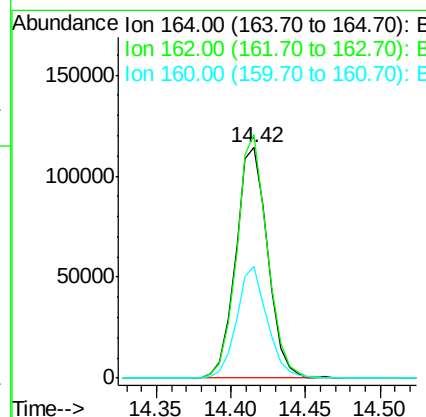
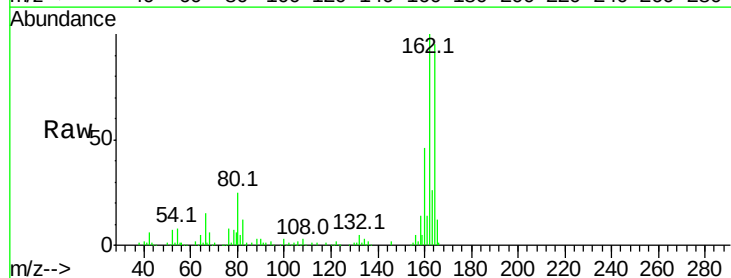
Instrument :
BNA_M
ClientSampleId :

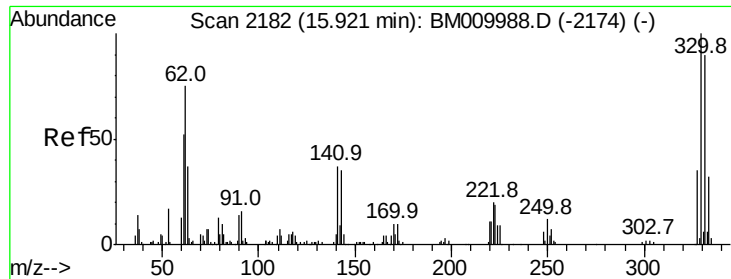
Tot Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
141 101.0 71.9 107.9
115 0.0 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:164 Resp: 169823
Ion Ratio Lower Upper
164 100
162 105.7 82.4 123.6
160 48.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 162.22 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

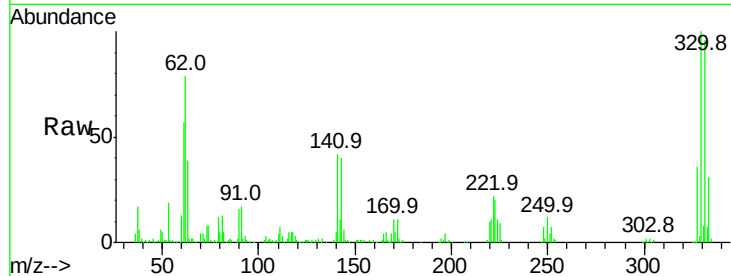
Tot Ion:330 Resp: 377033

Ion Ratio Lower Upper

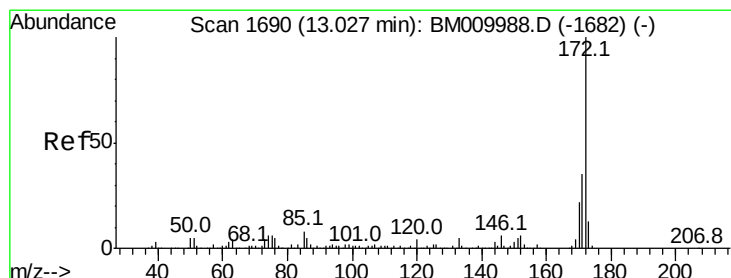
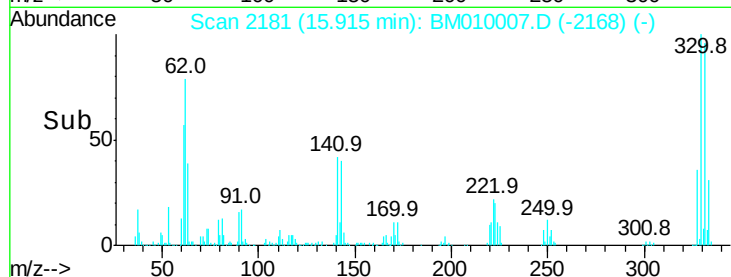
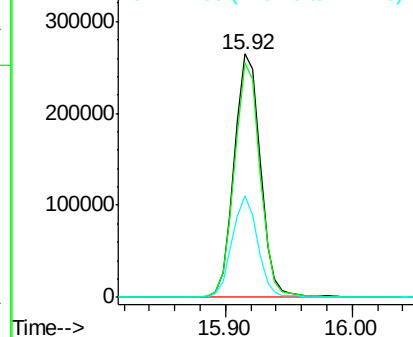
330 100

332 94.6 0.0 0.0#

141 41.0 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



#44

2-Fluorobiphenyl

Concen: 94.52 ng

RT: 13.03 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

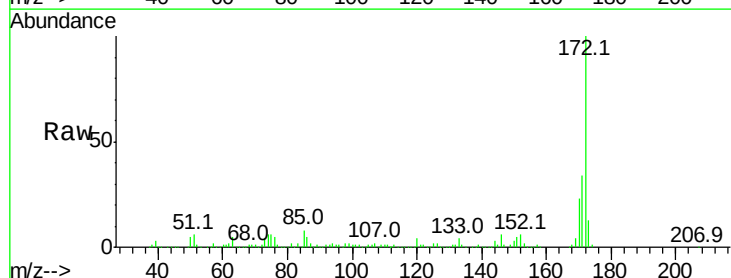
Tgt Ion:172 Resp: 1200246

Ion Ratio Lower Upper

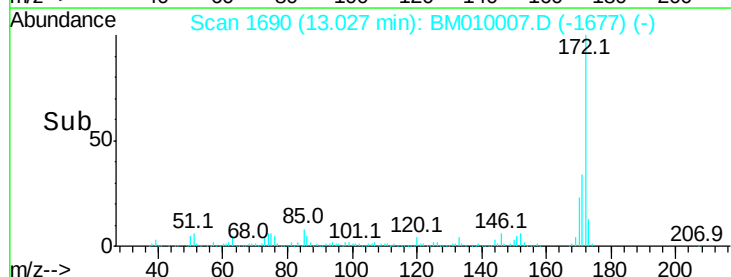
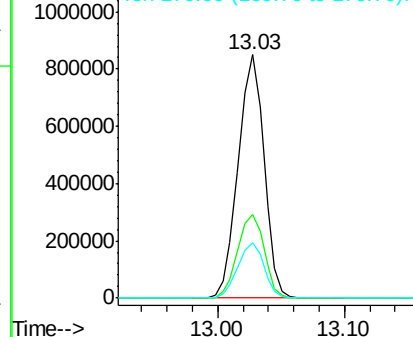
172 100

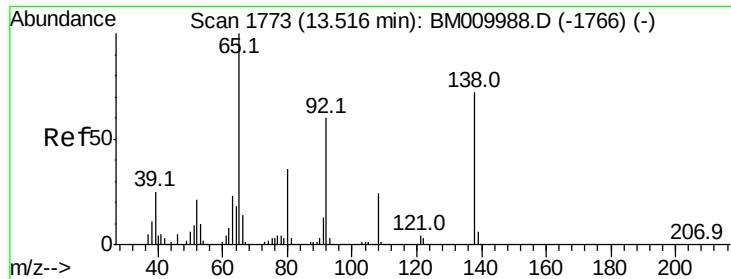
171 34.1 28.5 42.7

170 23.0 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





#47

2-Nitroaniline

Concen: 0.03 ng

RT: 13.56 min Scan# 1780

Delta R.T. 0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

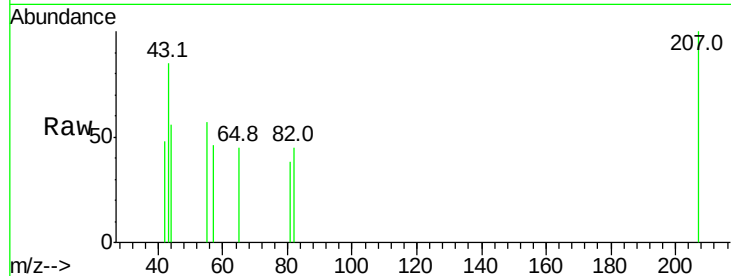
Tot Ion: 65 Resp: 126

Ion Ratio Lower Upper

65 100

92 0.0 59.1 88.7#

138 0.0 93.9 140.9#



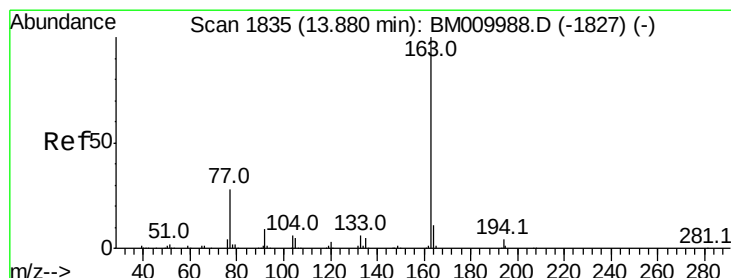
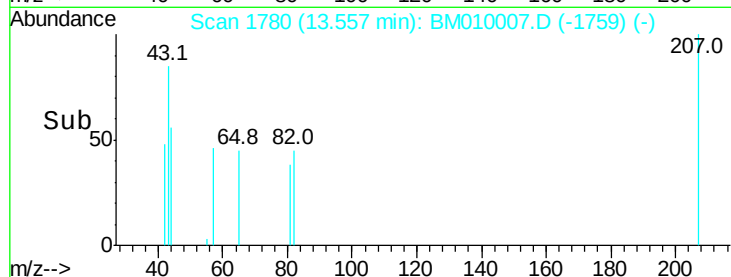
Abundance Ion 65.00 (64.70 to 65.70): BM010007.D (-1766) (-)

Ion 92.00 (91.70 to 92.70): BM010007.D (-1766) (-)

Ion 138.00 (137.70 to 138.70): BM010007.D (-1766) (-)

13.56

Time-->



#49

Dimethylphthalate

Concen: 1.65 ng

RT: 13.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

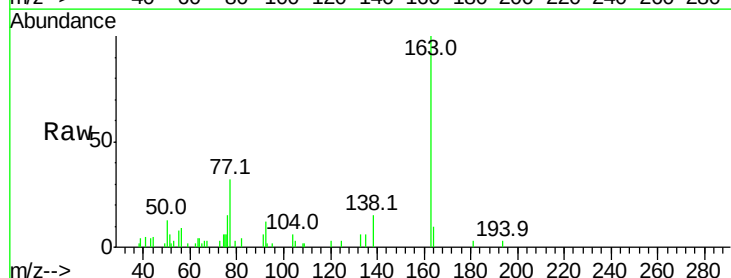
Tgt Ion: 163 Resp: 24627

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.0 8.2 12.2



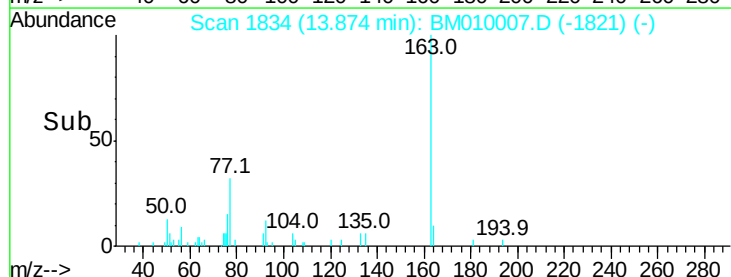
Abundance Ion 163.00 (162.70 to 163.70): BM010007.D (-1821) (-)

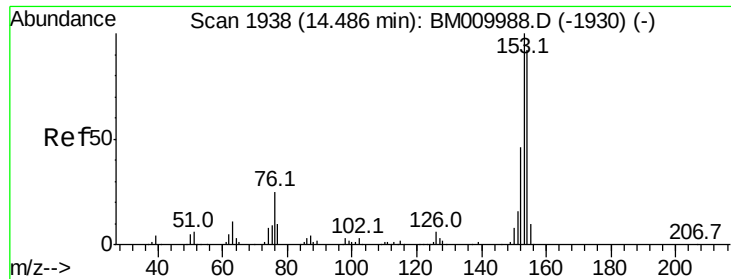
Ion 194.00 (193.70 to 194.70): BM010007.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM010007.D (-1821) (-)

13.87

Time-->





#51

Acenaphthene

Concen: 1.08 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

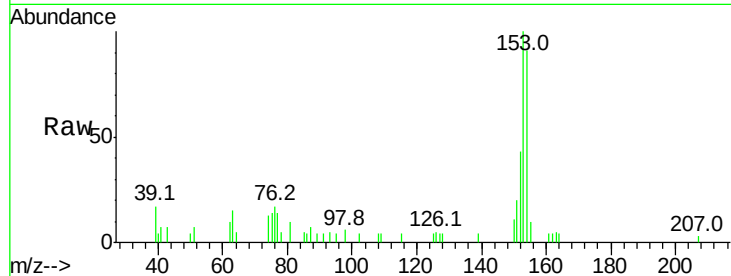
Tot Ion:154 Resp: 11894

Ion Ratio Lower Upper

154 100

153 110.0 90.0 135.0

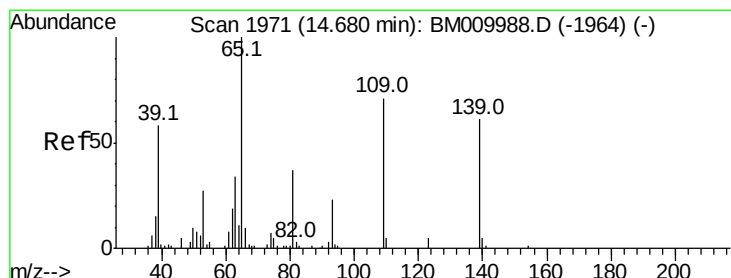
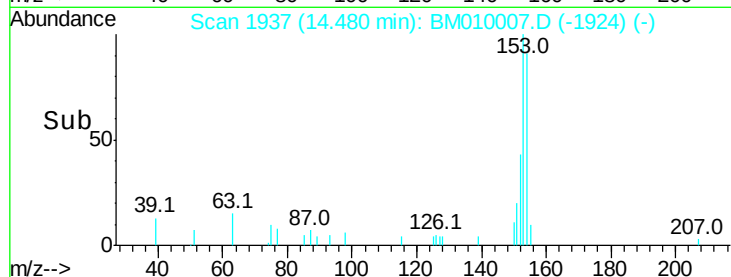
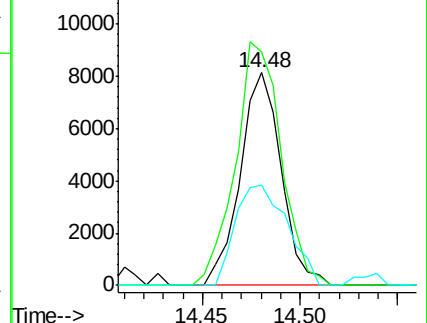
152 47.4 42.6 63.8



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



#55

4-Nitrophenol

Concen: 0.06 ng

RT: 14.84 min Scan# 1998

Delta R.T. 0.14 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

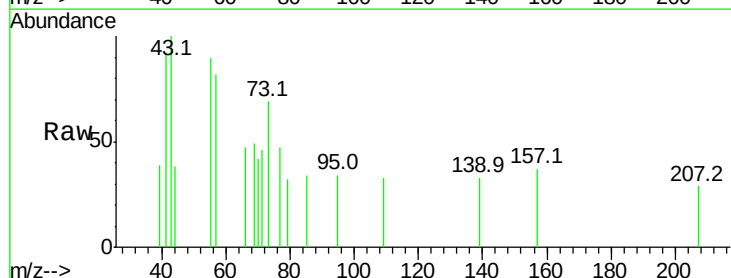
Tgt Ion:139 Resp: 125

Ion Ratio Lower Upper

139 100

109 101.1 37.7 77.7#

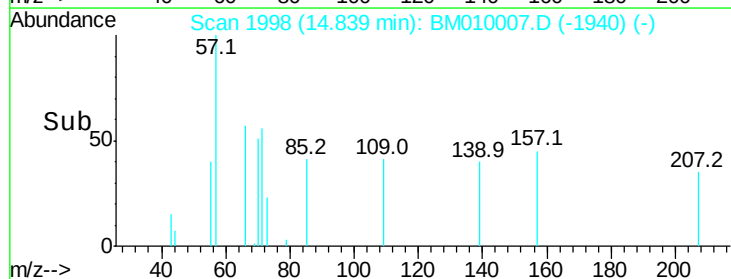
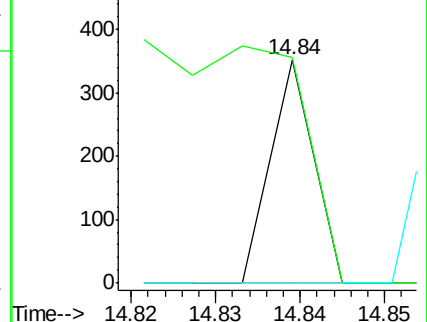
65 0.0 49.9 89.9#

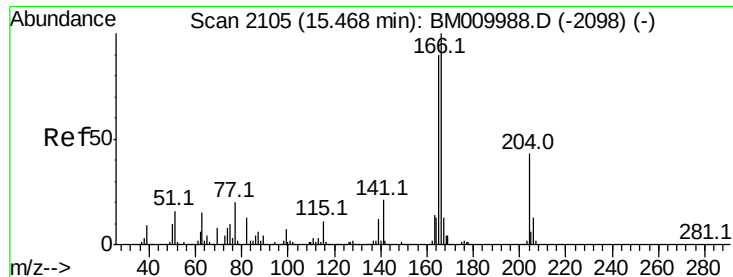


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

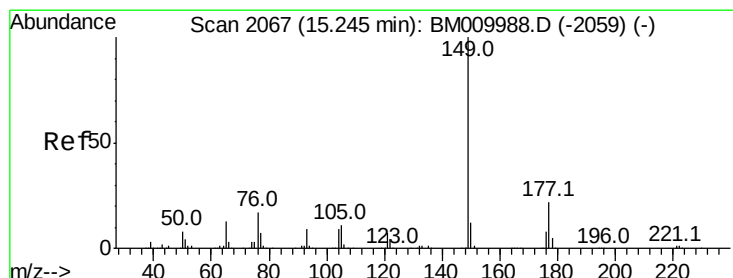
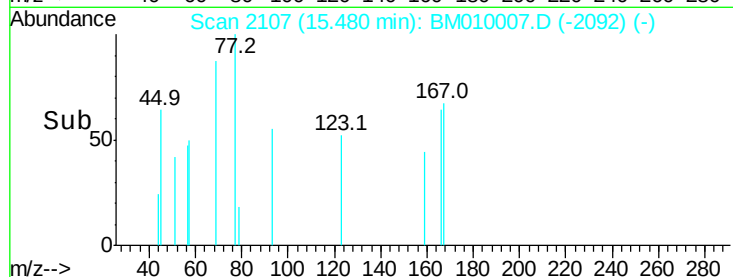
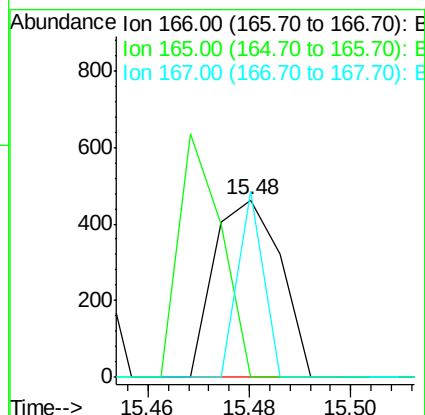
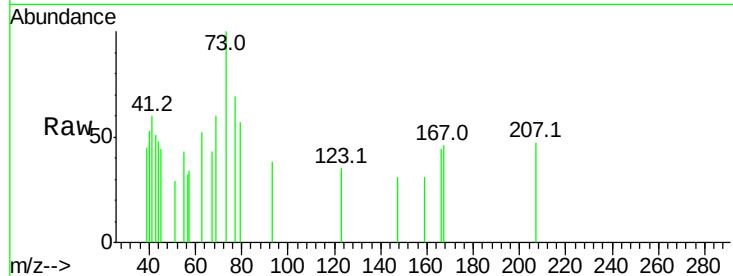




#57
Fluorene
Concen: 0.03 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

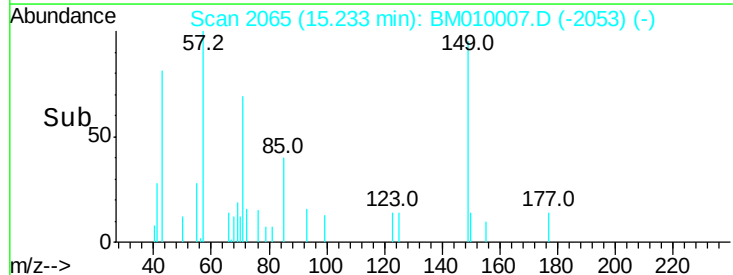
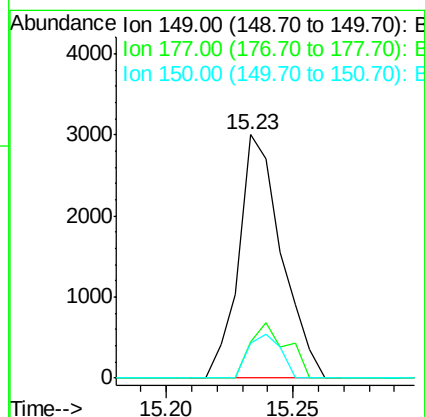
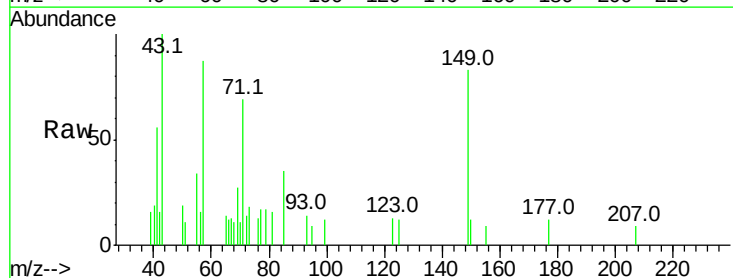
Instrument :
BNA_M
ClientSampled :

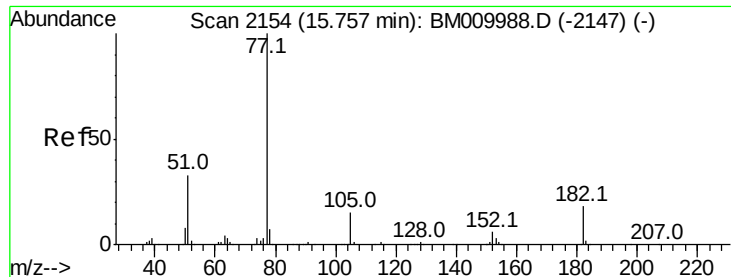
Tot Ion:166 Resp: 420
Ion Ratio Lower Upper
166 100
165 0.0 79.0 118.4#
167 104.8 10.3 15.5#



#59
Diethylphthalate
Concen: 0.22 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:149 Resp: 3522
Ion Ratio Lower Upper
149 100
177 14.8 18.3 27.5#
150 14.5 9.8 14.8





#62

Azobenzene

Concen: 0.04 ng

RT: 15.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 712

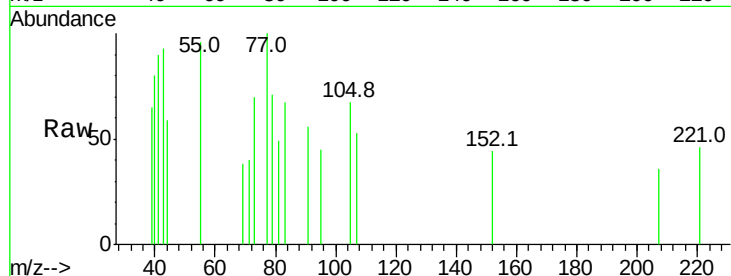
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 66.9 3.8 43.8#

51 0.0 5.5 45.5#

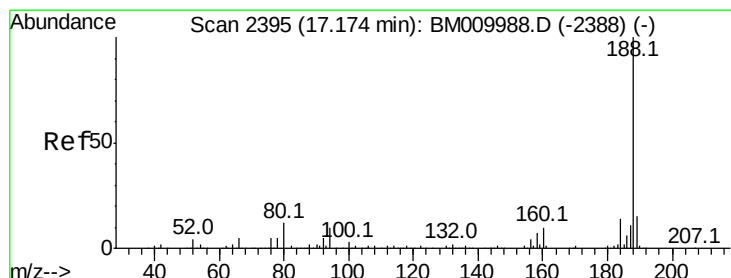
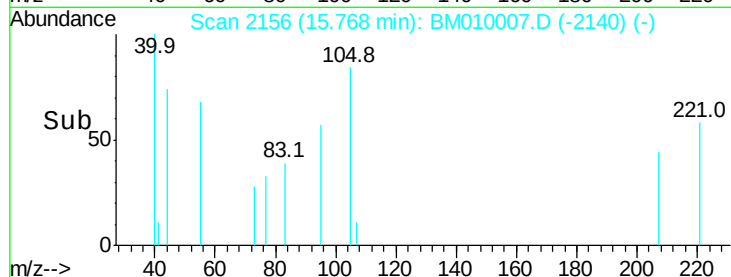
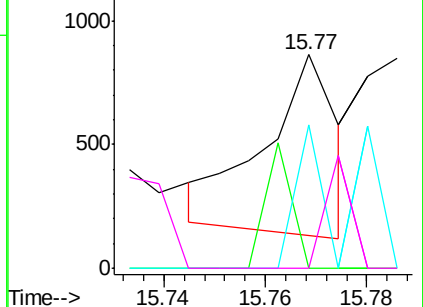


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM010007.D

Acq: 12 May 2017 04:42

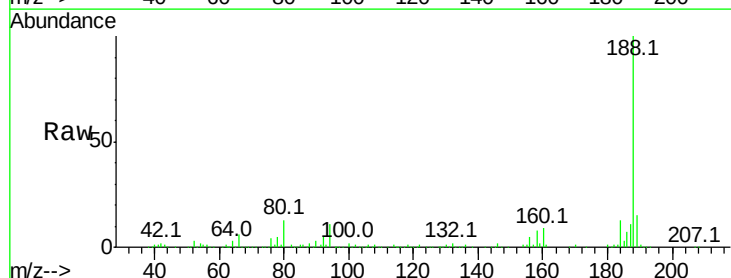
Tgt Ion: 188 Resp: 422176

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

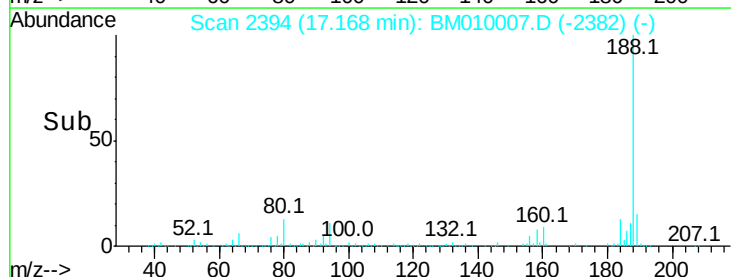
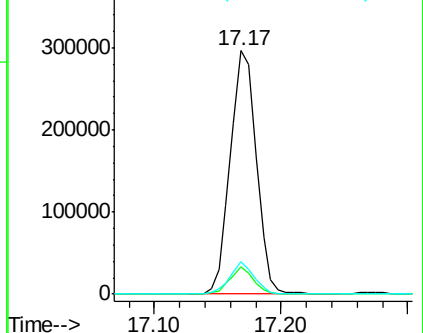
80 13.1 9.3 13.9

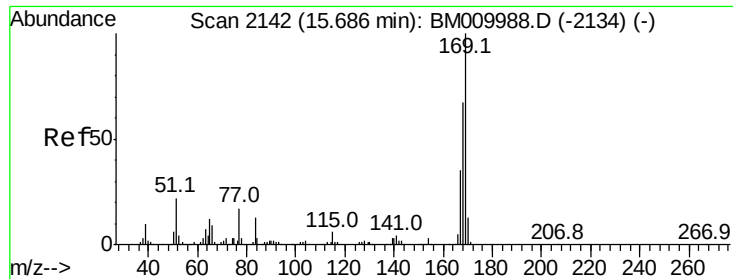


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

n-Nitrosodiphenylamine

Concen: 0.06 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

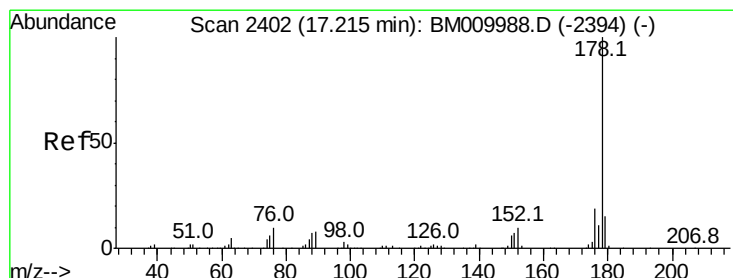
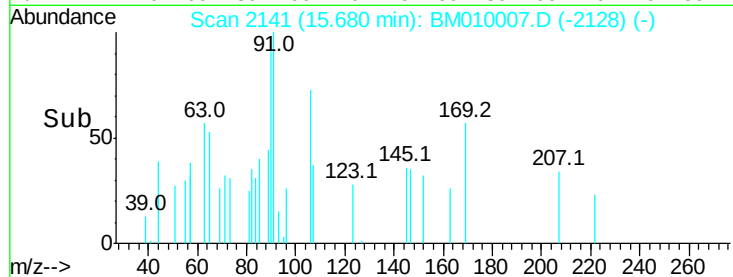
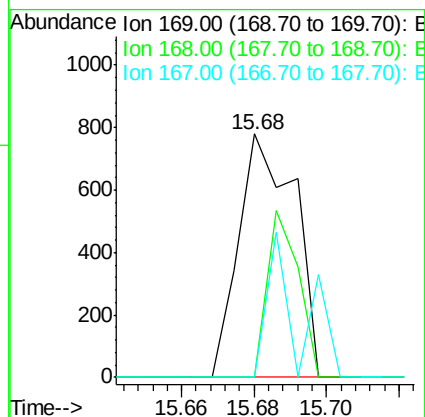
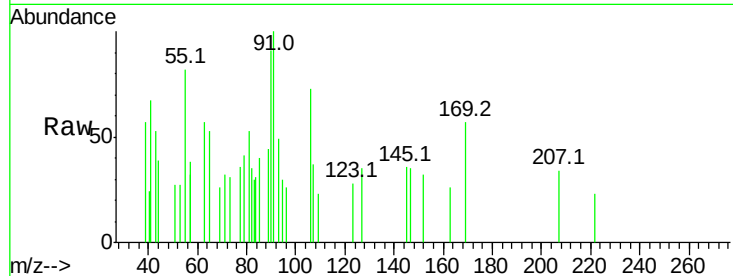
Tot Ion:169 Resp: 835

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

167 0.0 28.9 43.3#



#70

Phenanthrene

Concen: 0.02 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

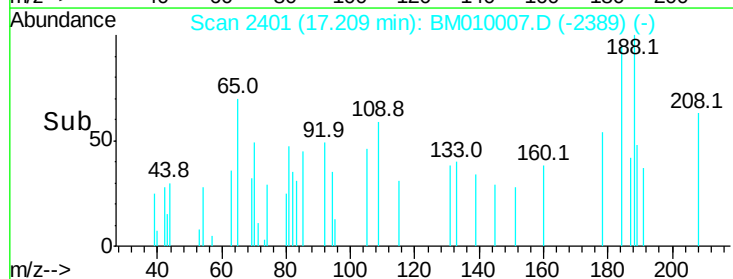
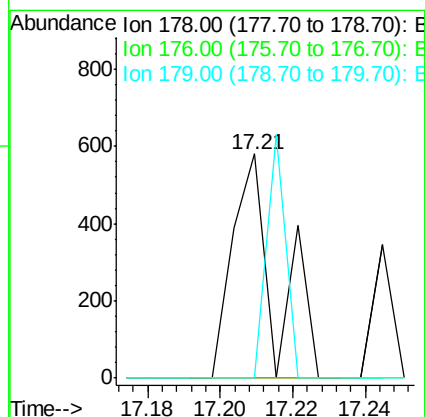
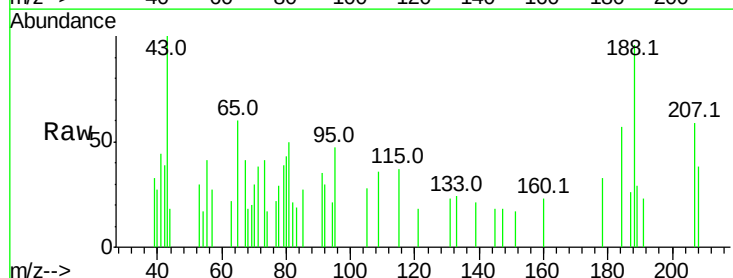
Tgt Ion:178 Resp: 481

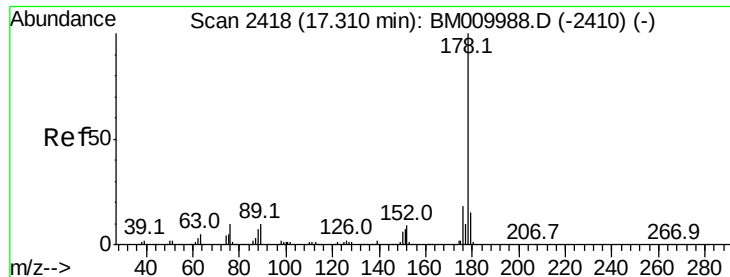
Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

179 0.0 12.1 18.1#





#71

Anthracene

Concen: 0.05 ng

RT: 17.31 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

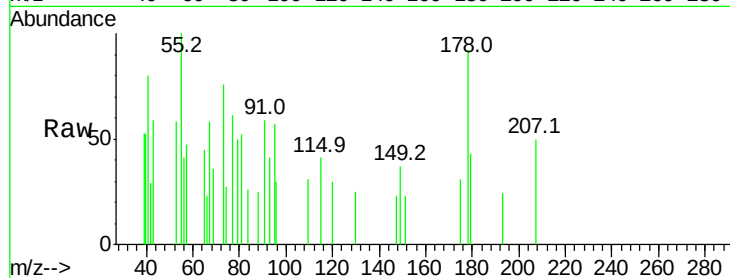
Tot Ion:178 Resp: 1333

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

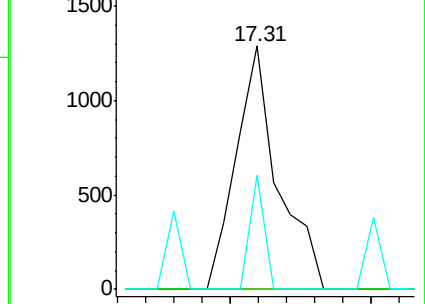
179 46.9 12.6 19.0#



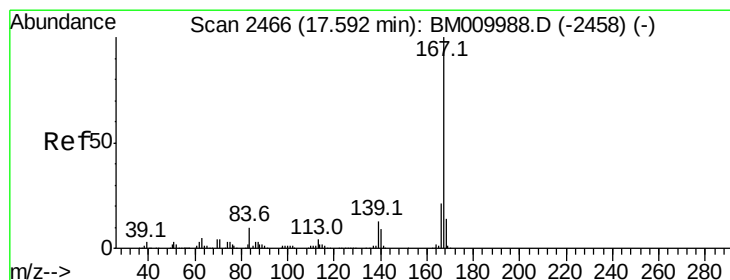
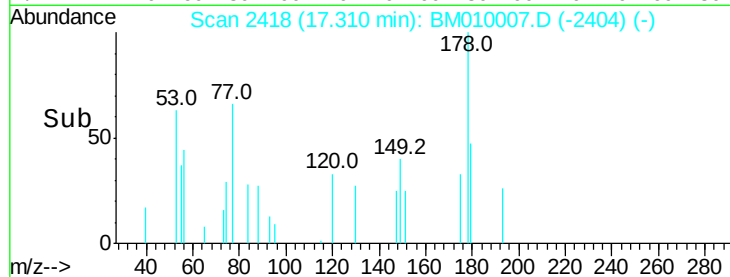
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 0.01 ng

RT: 17.59 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

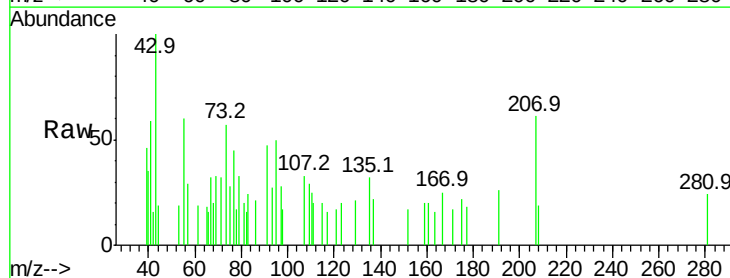
Tgt Ion:167 Resp: 166

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

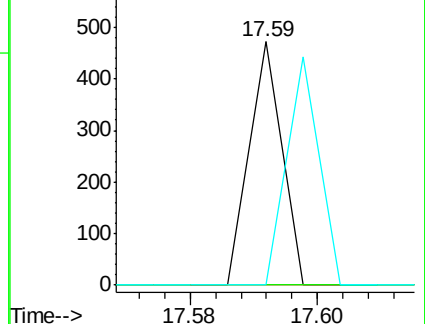
139 0.0 10.8 16.2#



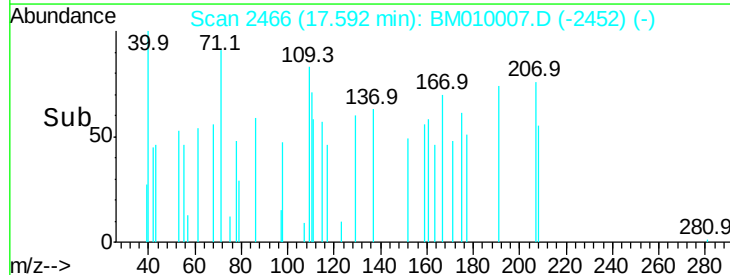
Abundance Ion 167.00 (166.70 to 167.70): E

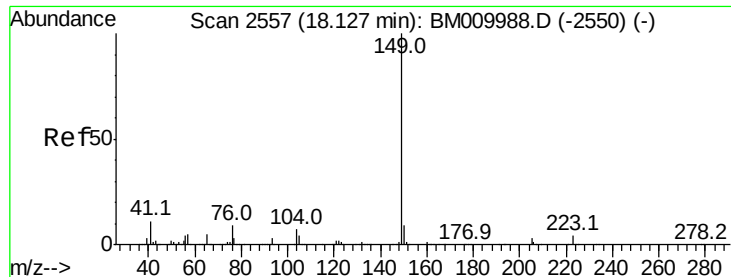
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

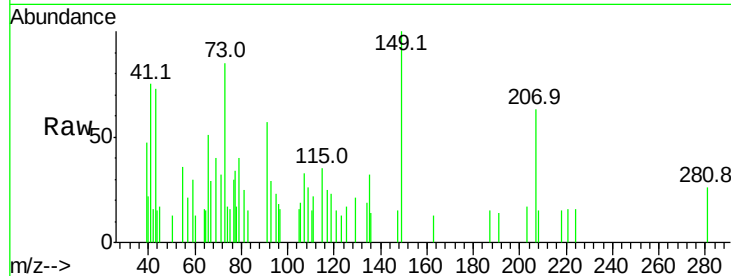




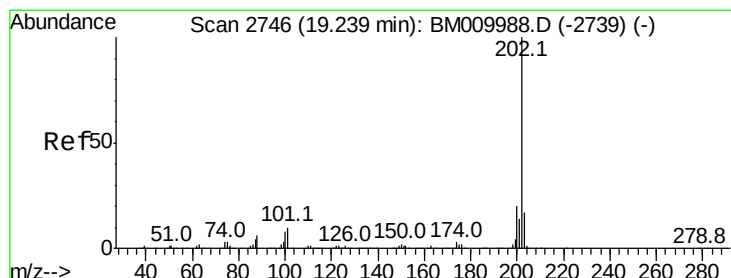
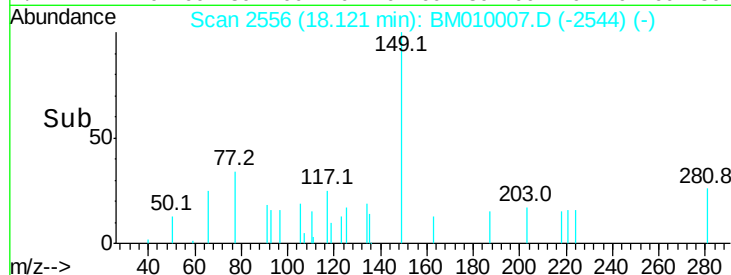
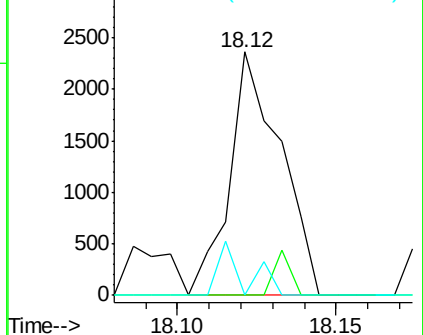
#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 18.12 min Scan# 2556
Delta R.T. -0.03 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2628
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

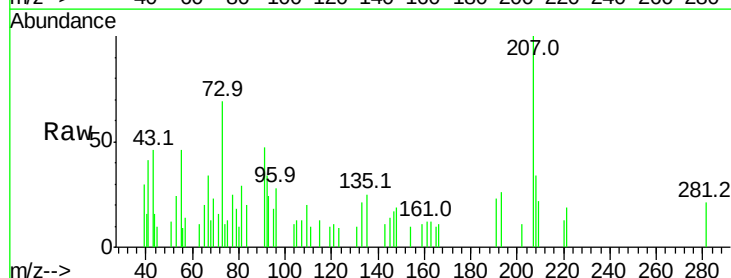


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

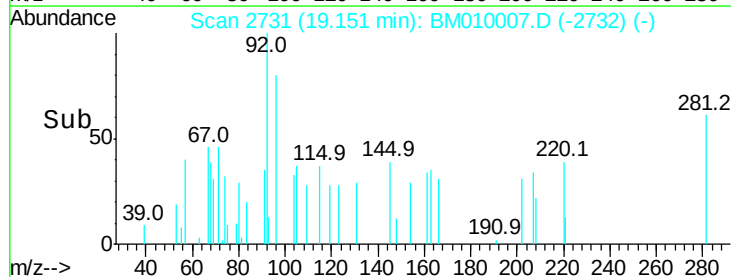
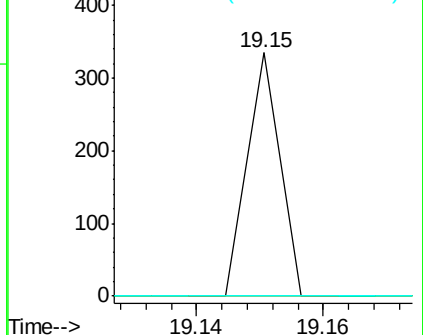


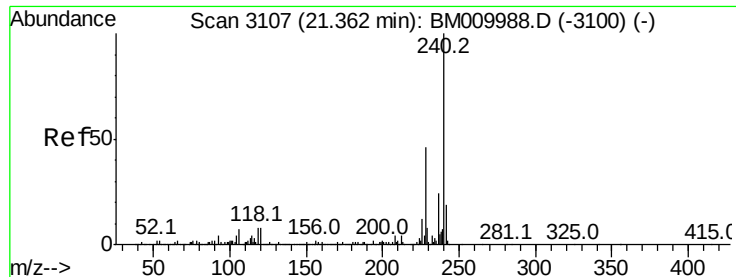
#74
Fluoranthene
Concen: 0.00 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.11 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:202 Resp: 118
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 0.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

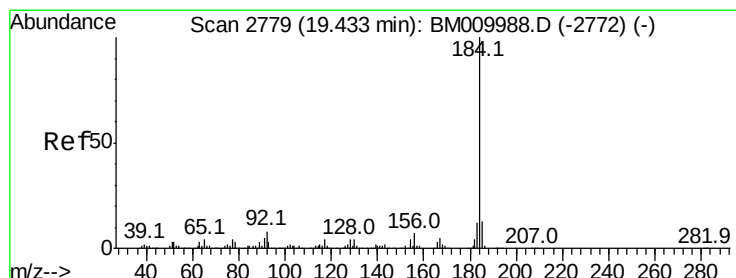
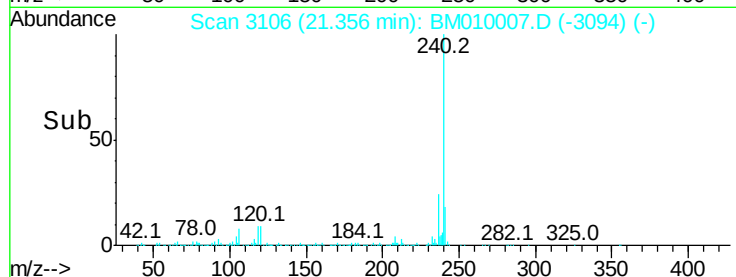
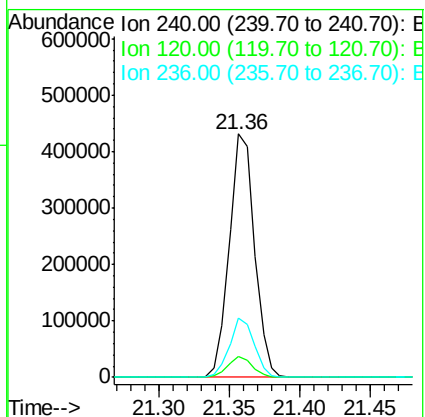
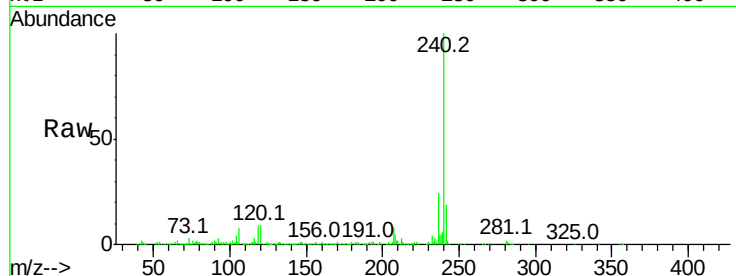
Tot Ion:240 Resp: 539345

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

236 24.4 20.0 30.0



#76

Benzidine

Concen: 0.01 ng

RT: 19.44 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

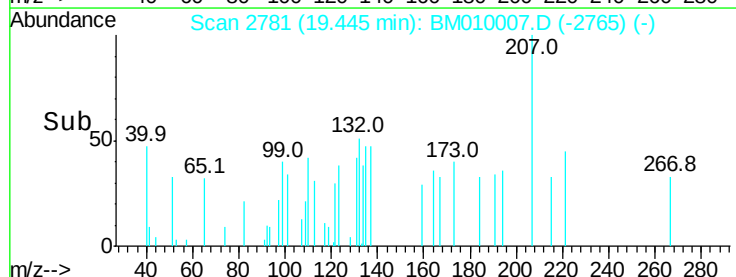
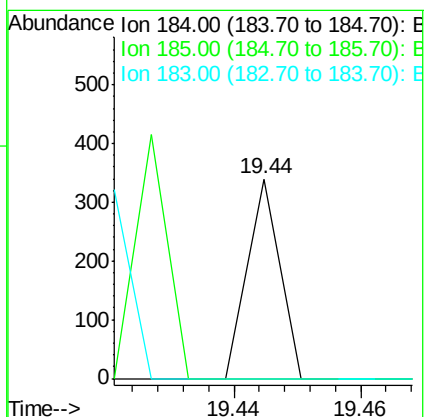
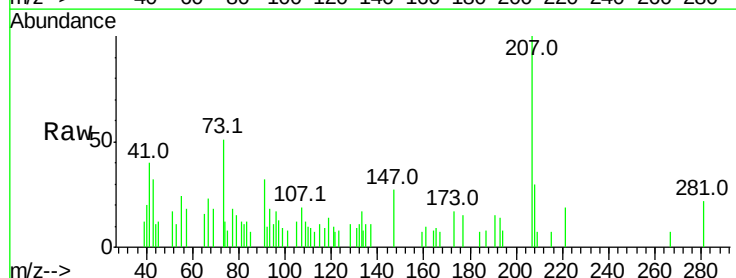
Tgt Ion:184 Resp: 120

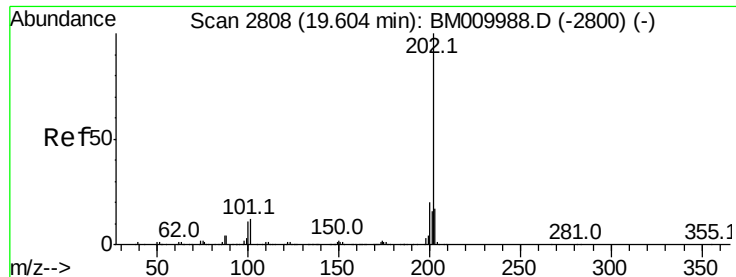
Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

183 0.0 8.9 13.3#





#77

Pvrene

Concen: 0.05 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

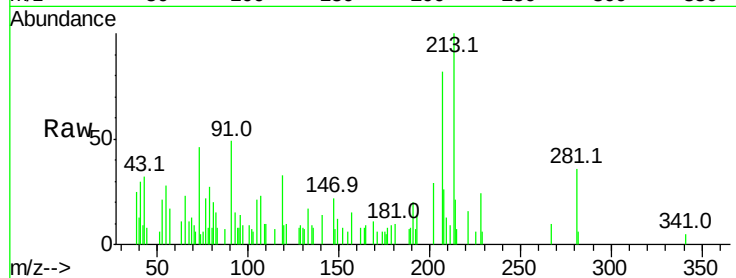
Tot Ion:202 Resp: 1484

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

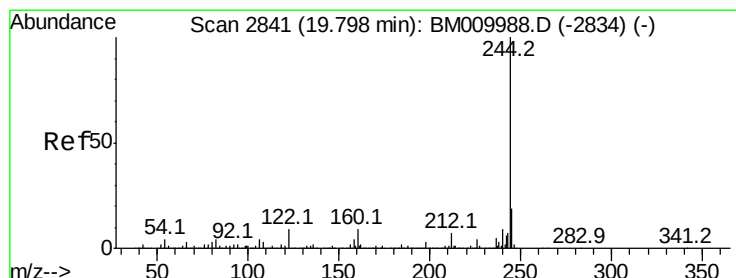
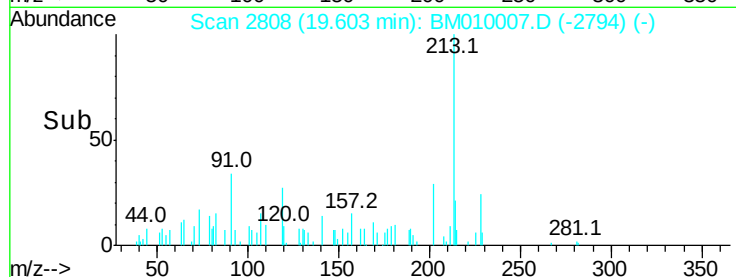
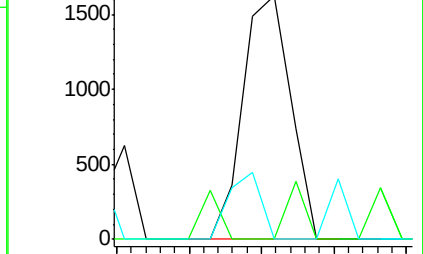
203 0.0 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.06 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

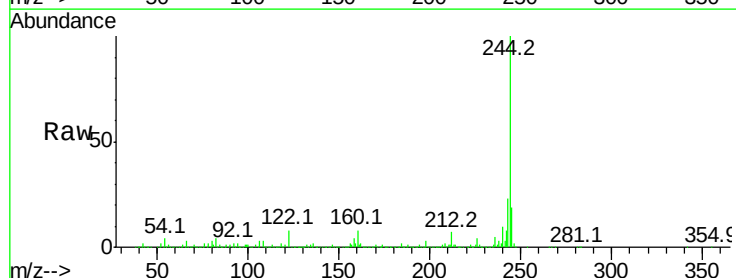
Tgt Ion:244 Resp: 2176682

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

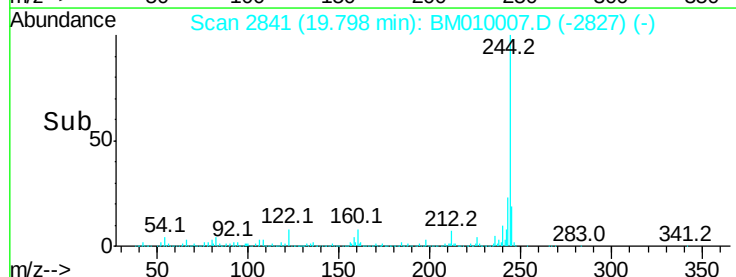
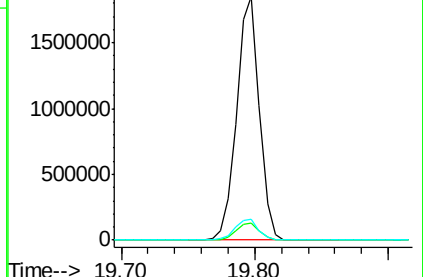
122 8.4 6.2 9.4

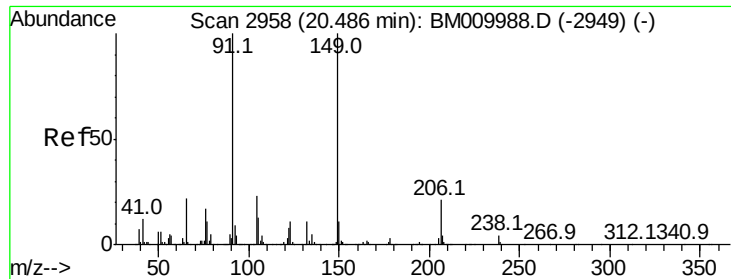


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

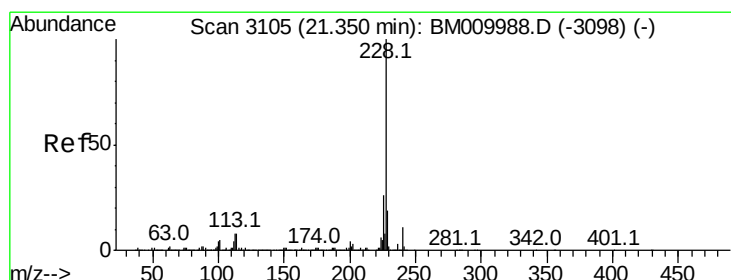
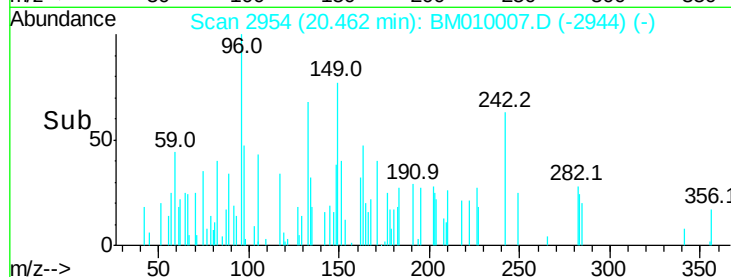
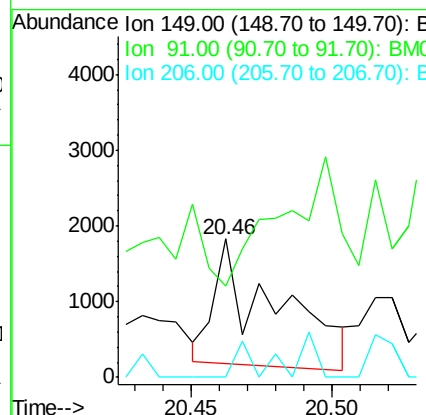
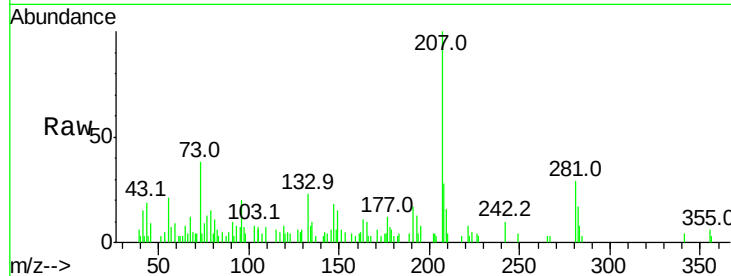




#79
Butylbenzylphthalate
Concen: 0.19 ng
RT: 20.46 min Scan# 2954
Delta R.T. -0.04 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

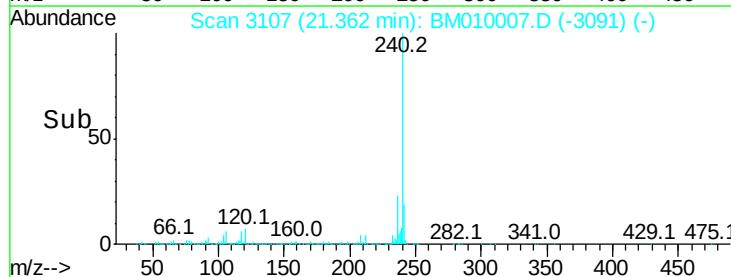
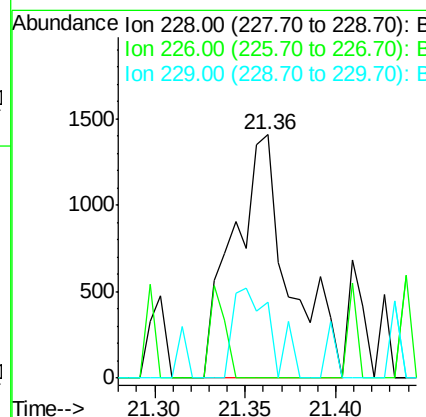
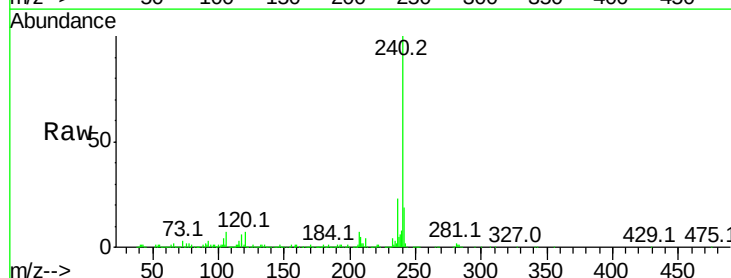
Instrument :
BNA_M
ClientSampled :

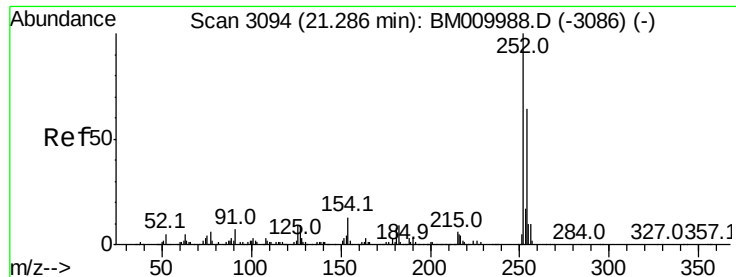
Tot Ion:149 Resp: 2528
Ion Ratio Lower Upper
149 100
91 66.1 50.1 75.1
206 0.0 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:228 Resp: 3022
Ion Ratio Lower Upper
228 100
226 0.0 21.7 32.5#
229 31.4 16.0 24.0#

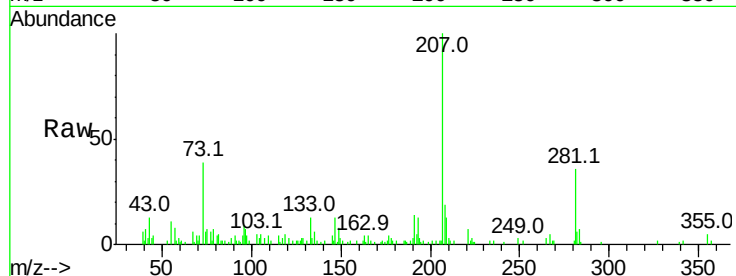




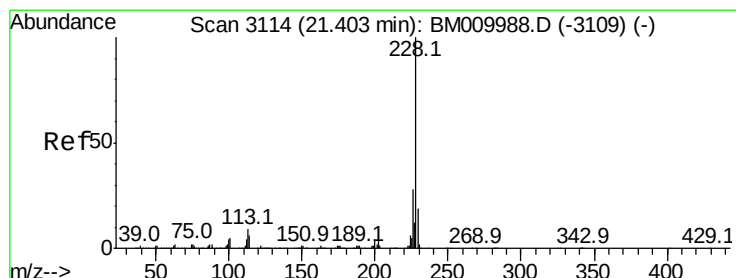
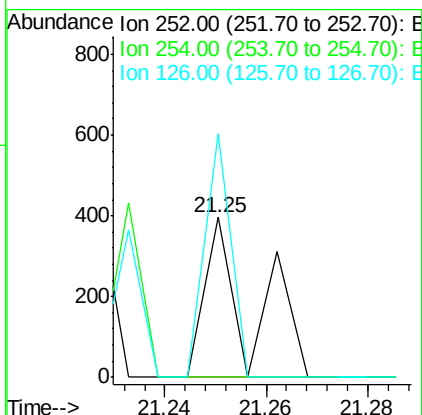
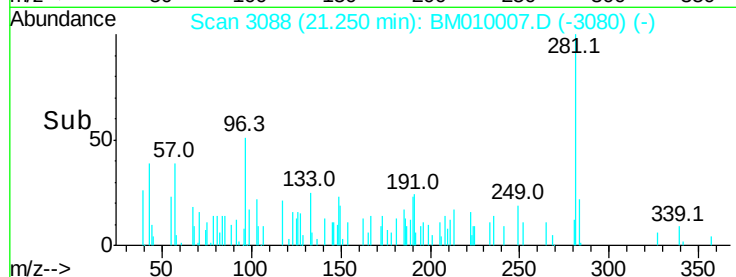
#81
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.05 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:252 Resp: 250
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 151.9 9.8 14.8#

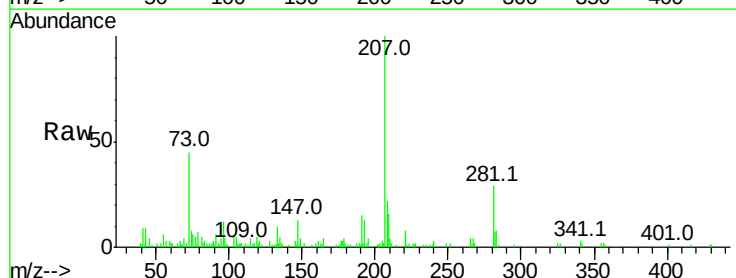


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

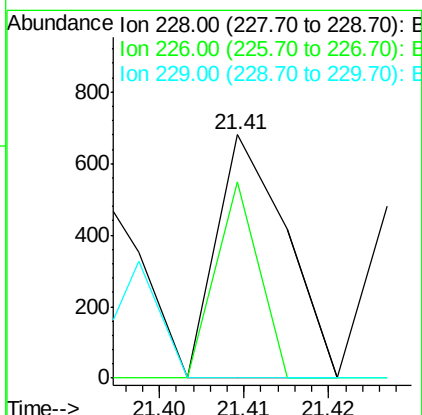
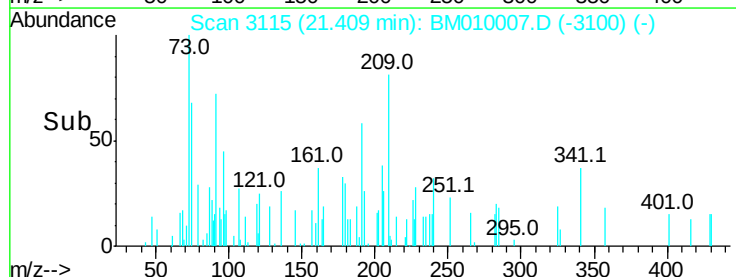


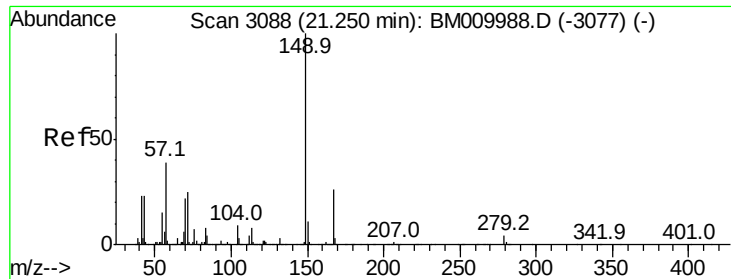
#82
 Chrysene
 Concen: 0.01 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion:228 Resp: 387
 Ion Ratio Lower Upper
 228 100
 226 80.6 24.1 36.1#
 229 0.0 15.5 23.3#



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

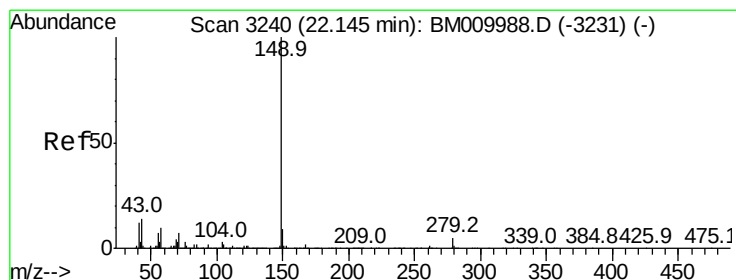
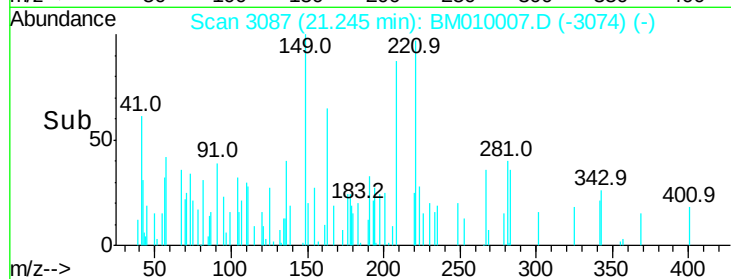
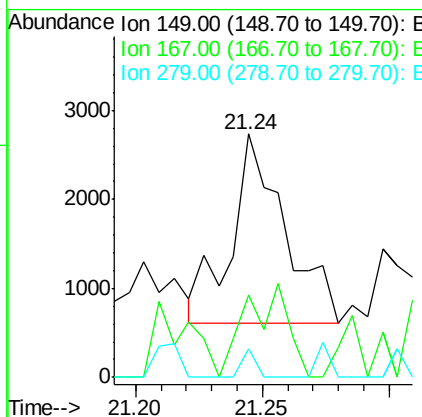
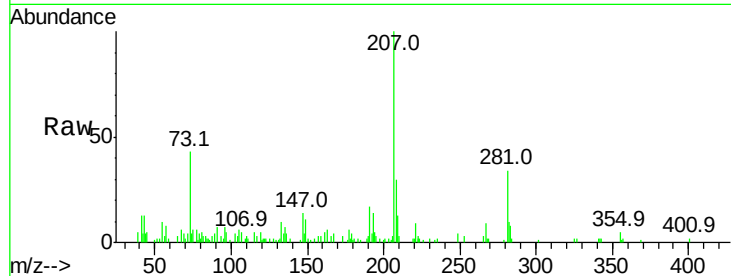




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

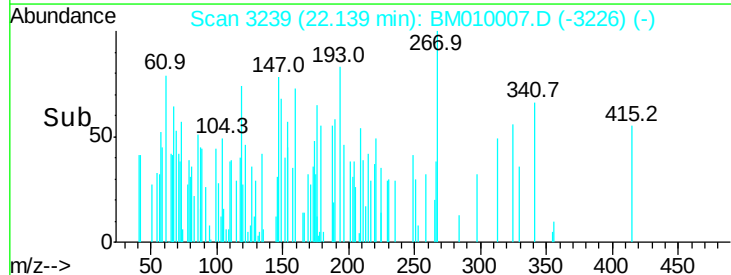
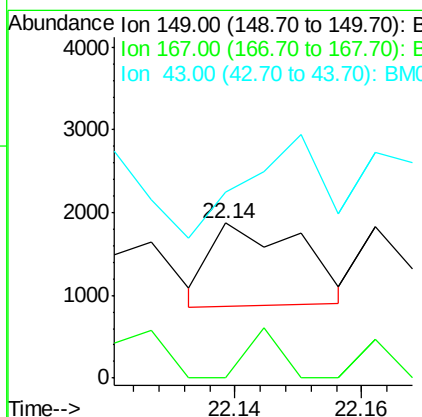
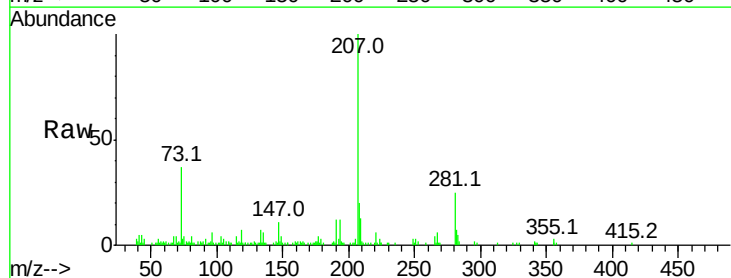
Instrument :
 BNA_M
 ClientSampleId :

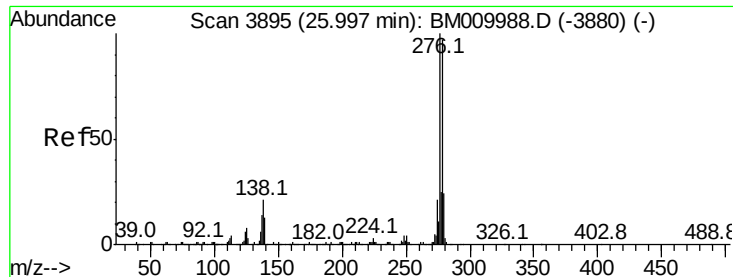
Tot Ion:149 Resp: 3120
 Ion Ratio Lower Upper
 149 100
 167 33.6 22.4 33.6
 279 11.5 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 22.14 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion:149 Resp: 986
 Ion Ratio Lower Upper
 149 100
 167 22.0 1.2 1.8#
 43 103.5 7.3 10.9#

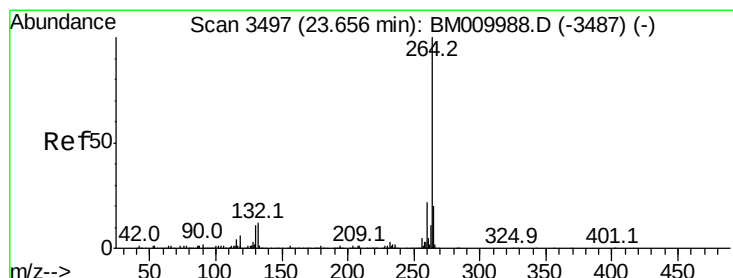
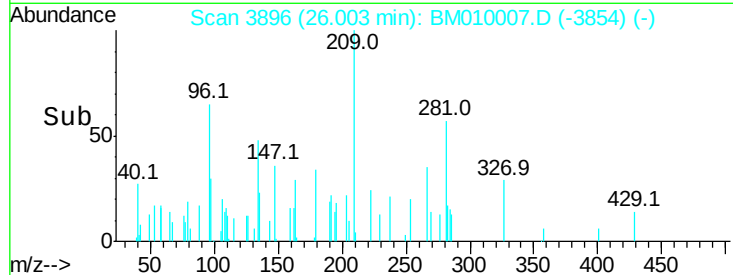
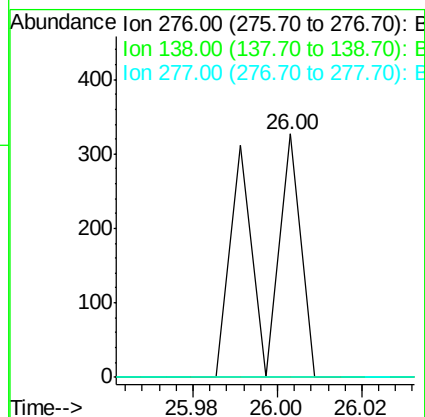
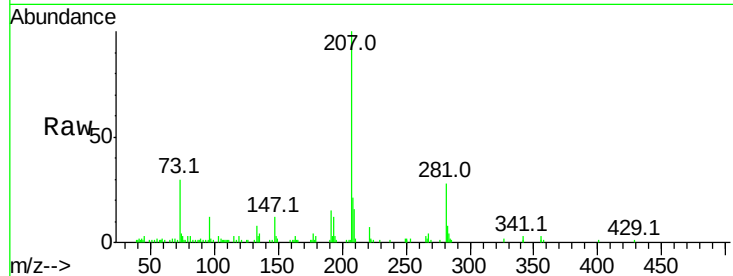




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.00 min Scan# 3896
Delta R.T. -0.05 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

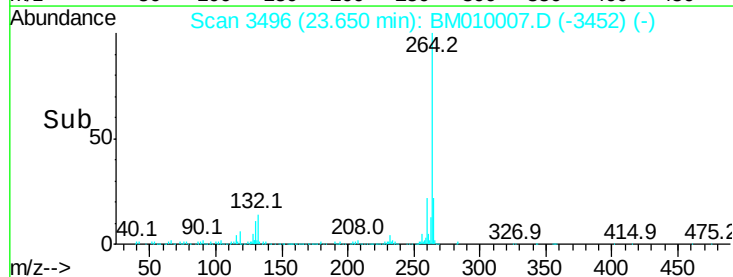
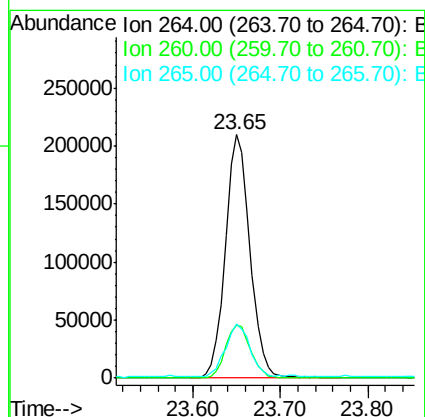
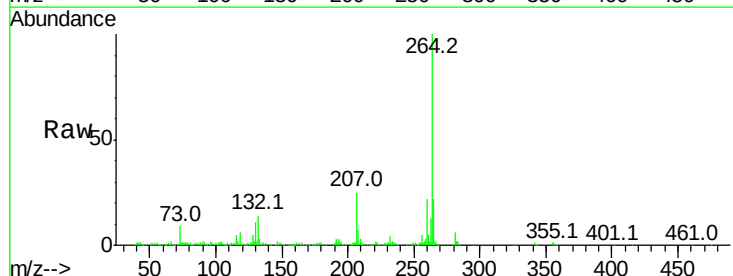
Instrument :
BNA_M
ClientSampleId :

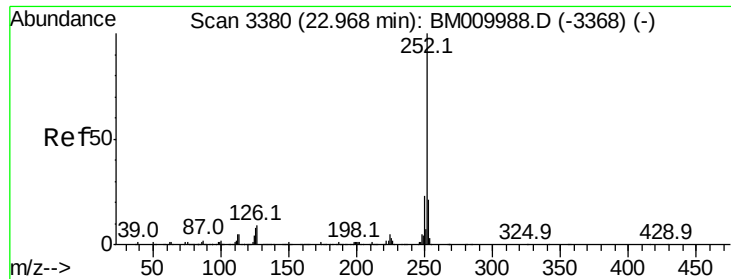
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.6	27.8
265	22.2	17.3	25.9

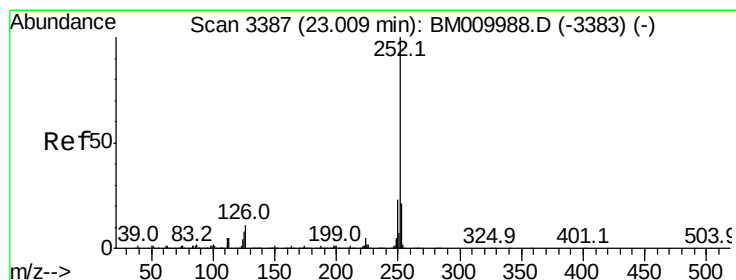
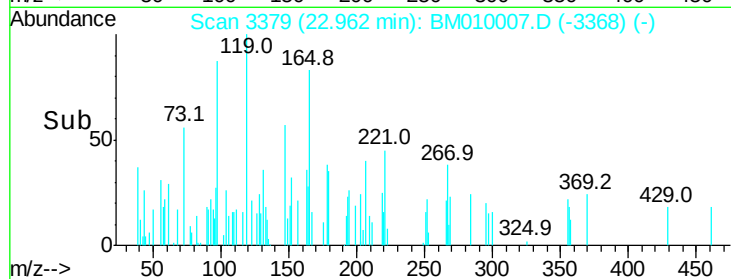
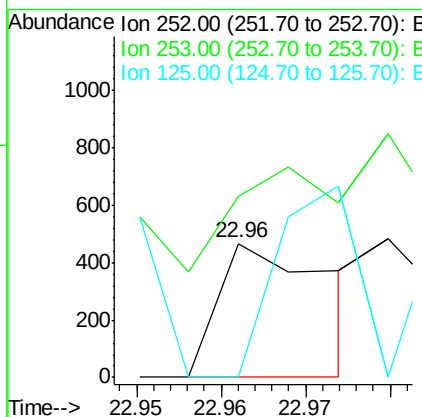
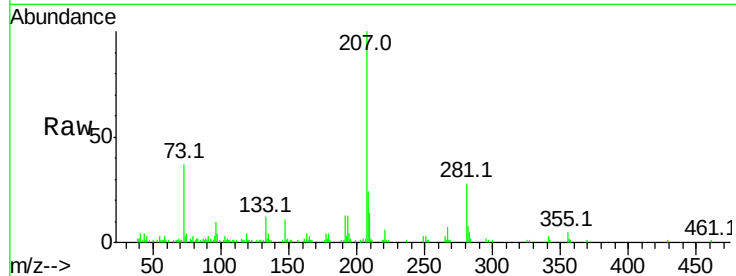




#87
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.96 min Scan# 3379
 Delta R.T. -0.04 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

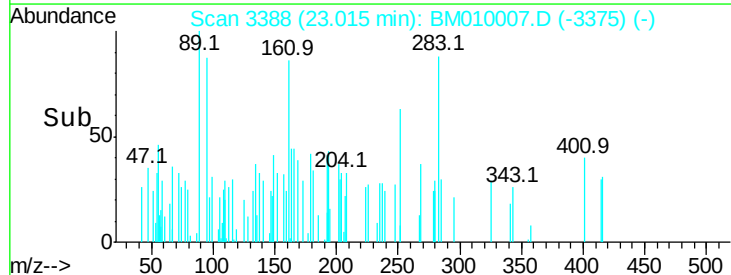
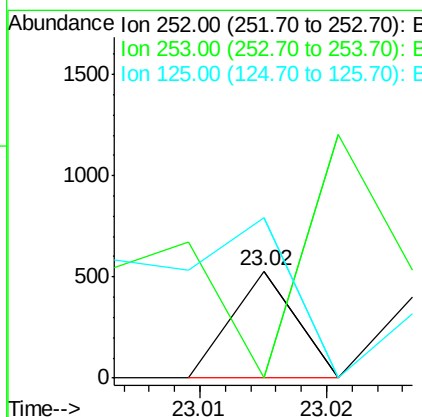
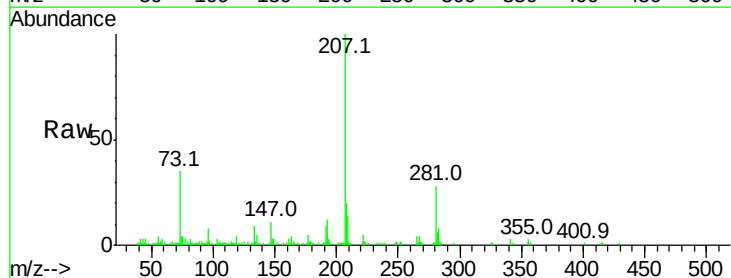
Instrument :
 BNA_M
 ClientSampleId :

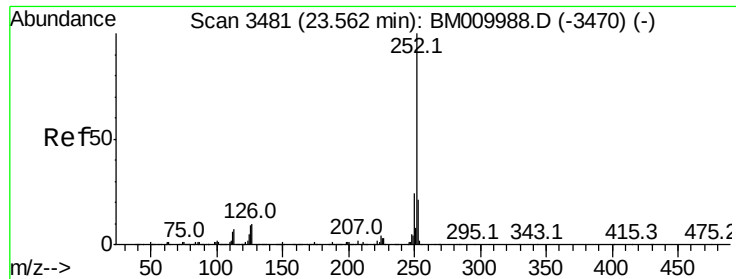
Tot Ion	Ratio	Lower	Upper
252	100		
253	135.3	18.0	27.0#
125	0.0	9.9	14.9#



#88
 Benzo(k)fluoranthene
 Concen: 0.01 ng
 RT: 23.02 min Scan# 3388
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	150.6	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.04 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

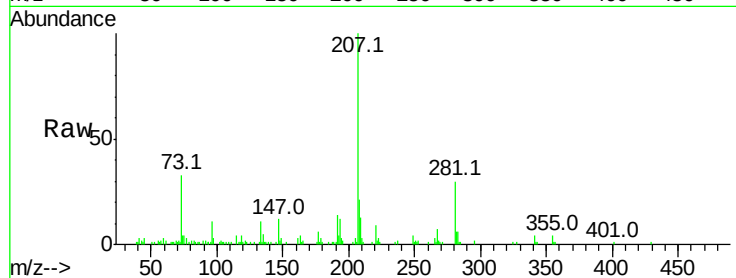
Tot Ion:252 Resp: 283

Ion Ratio Lower Upper

252 100

253 179.6 17.6 26.4#

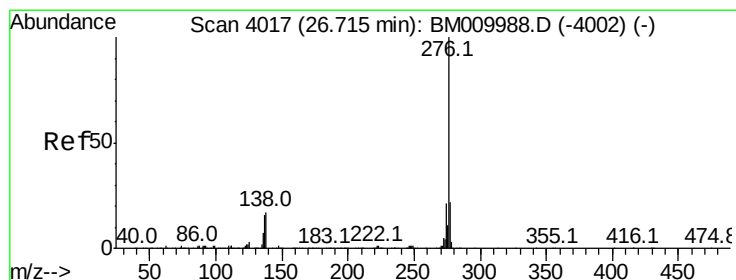
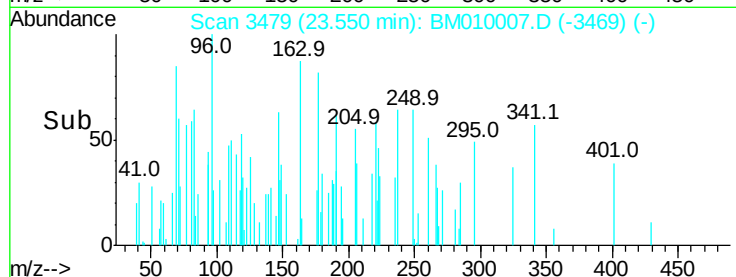
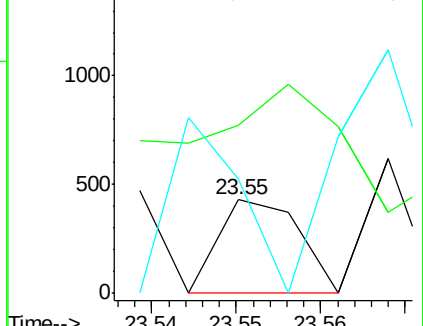
125 121.6 7.4 11.2#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 26.73 min Scan# 4019

Delta R.T. -0.05 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

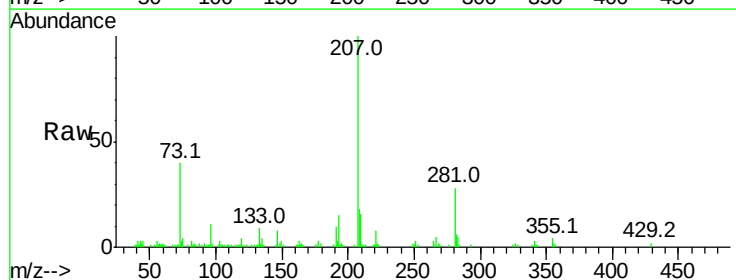
Tgt Ion:276 Resp: 144

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

