

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010250.D
 Acq On : 26 May 2017 10:59
 Operator : SJ/MA
 Sample : I3340-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:27:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	105652	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	363638	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	248488	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	665162	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	1006473	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1114351	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	384839	65.78	ng	-0.04
7) Phenol-d6	7.13	99	274594	36.48	ng	-0.04
23) Nitrobenzene-d5	9.13	82	780092	115.74	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	655960	173.81	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	2092441	108.25	ng	-0.04
78) Terphenyl-d14	19.92	244	4210801	95.13	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	111	0.04	ng	# 100
3) Pyridine	3.97	79	140	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	223	0.09	ng	# 1
9) Benzaldehyde	7.12	77	1579	0.34	ng	# 27
10) Phenol	7.16	94	3359	0.42	ng	# 94
11) bis(2-Chloroethyl)ether	7.42	93	1052	0.18	ng	# 23
15) Benzyl Alcohol	8.26	79	17631	3.10	ng	# 41
22) Acetophenone	8.79	105	281	0.03	ng	# 52
24) Nitrobenzene	9.13	77	4608	0.66	ng	# 40
25) Isophorone	9.66	82	487	0.04	ng	# 62
31) Naphthalene	10.79	128	261	0.01	ng	# 69
36) 4-Chloro-3-methylphenol	12.09	107	128	0.02	ng	# 14
37) 2-Methylnaphthalene	12.40	142	412	0.03	ng	# 7
45) 1,1'-Biphenyl	13.41	154	3089	0.15	ng	# 89
49) Dimethylphthalate	14.03	163	36255	1.64	ng	# 97
50) 2,6-Dinitrotoluene	14.15	165	116	0.03	ng	# 24
51) Acenaphthene	14.63	154	674	0.04	ng	# 43
54) Dibenzofuran	14.97	168	310	0.01	ng	# 1
55) 4-Nitrophenol	14.80	139	121	0.04	ng	# 18
56) 2,4-Dinitrotoluene	14.96	165	201	0.03	ng	# 11
57) Fluorene	15.62	166	944	0.05	ng	# 70
59) Diethylphthalate	15.38	149	3581	0.17	ng	# 84
62) Azobenzene	15.88	77	664	0.04	ng	# 57
65) n-Nitrosodiphenylamine	15.83	169	22860	1.15	ng	# 98
66) 4-Bromophenyl-phenylether	16.50	248	112	0.01	ng	# 1
68) Atrazine	16.82	200	140	0.02	ng	# 37
69) Pentachlorophenol	16.96	266	187	0.03	ng	# 19
70) Phenanthrene	17.36	178	2838	0.08	ng	# 12
71) Anthracene	17.45	178	2141	0.06	ng	# 28
72) Carbazole	17.74	167	3081	0.09	ng	# 40
73) Di-n-butylphthalate	18.25	149	3523	0.09	ng	# 69
74) Fluoranthene	19.36	202	3557	0.07	ng	# 56
76) Benzydine	19.54	184	3836	0.21	ng	# 82
77) Pyrene	19.73	202	2860	0.05	ng	# 68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

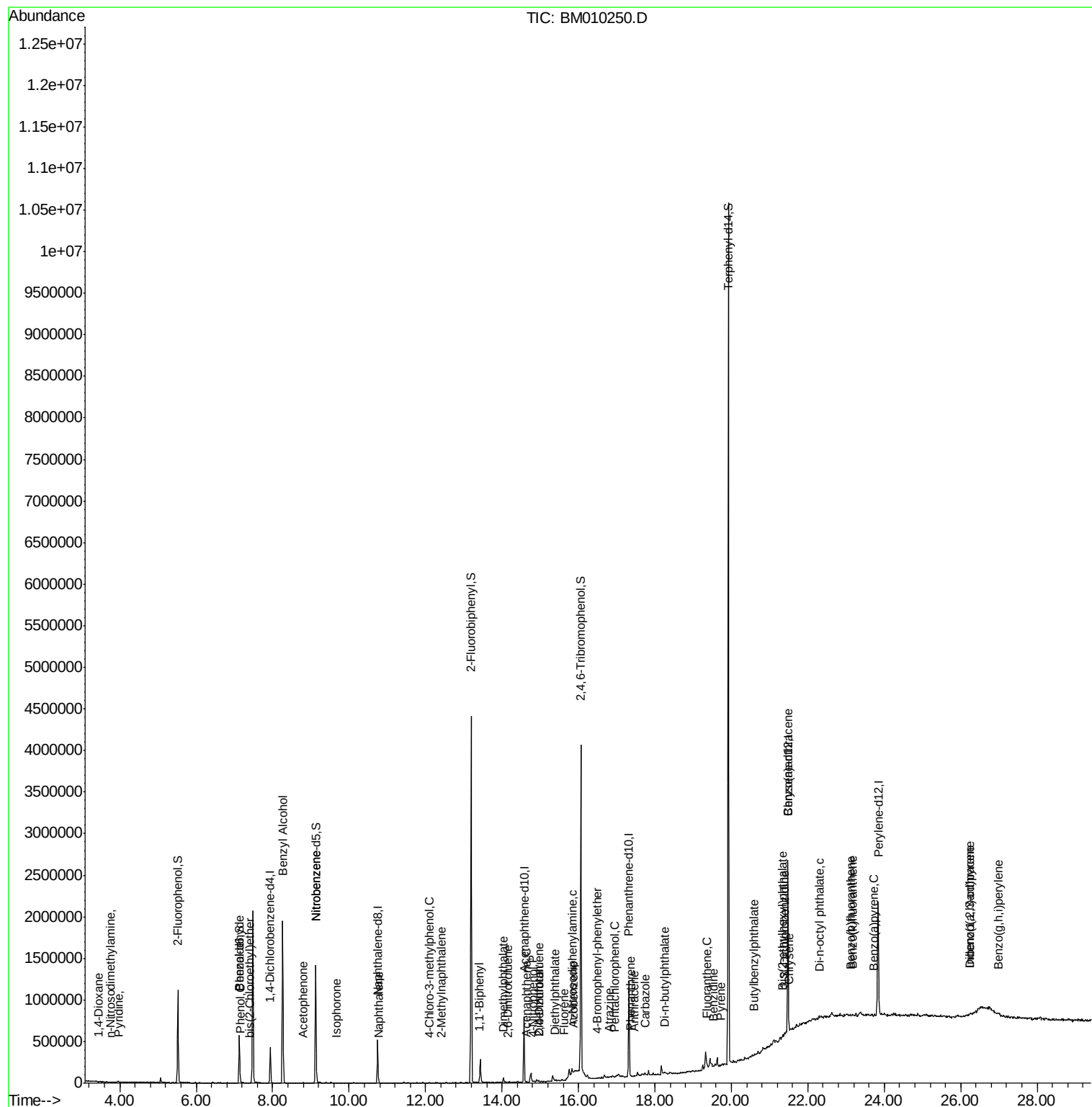
79) Butylbenzylphthalate	20.60	149	1859	0.09	ng	# 70
80) Benzo(a)anthracene	21.47	228	7084	0.13	ng	95
81) 3,3'-Dichlorobenzidine	21.39	252	9219	0.41	ng	# 76
82) Chrysene	21.52	228	5267	0.10	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.34	149	8338	0.28	ng	# 96
84) Di-n-octyl phthalate	22.29	149	7885	0.15	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.25	276	14009	0.18	ng	# 100
87) Benzo(b)fluoranthene	23.11	252	7271	0.11	ng	# 1
88) Benzo(k)fluoranthene	23.16	252	3748	0.06	ng	# 1
89) Benzo(a)pyrene	23.72	252	2274	0.04	ng	# 1
90) Dibenzo(a,h)anthracene	26.25	278	12090	0.17	ng	# 74
91) Benzo(a,h,i)perylene	26.99	276	4836	0.07	ng	# 68

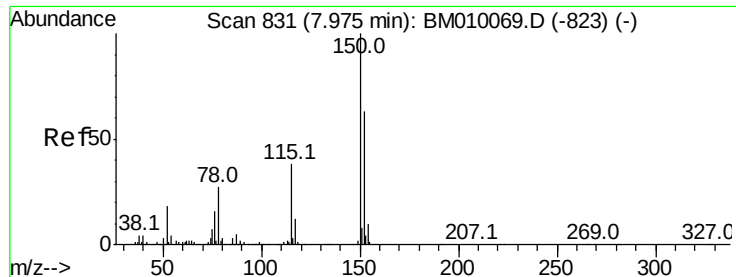
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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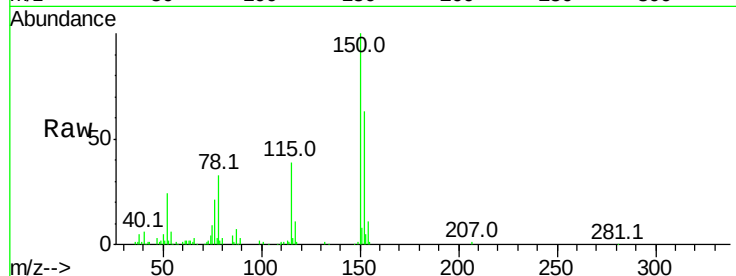


#1

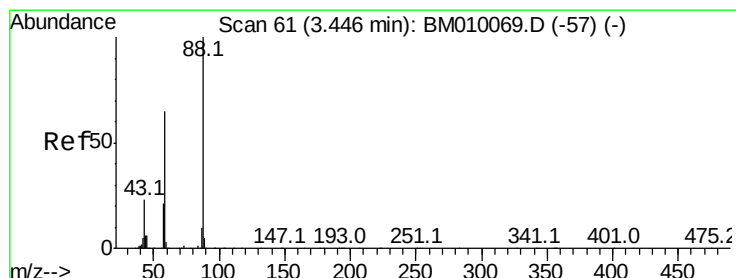
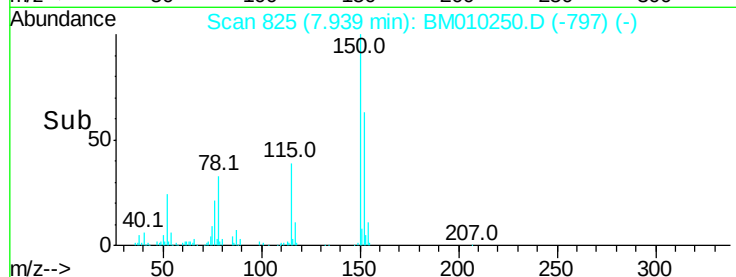
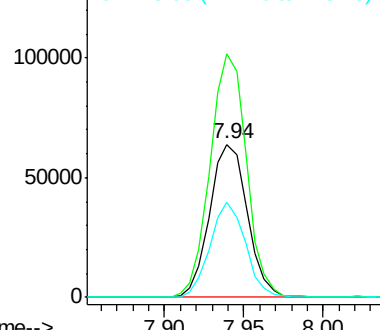
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 105652
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 62.2 43.0 64.4



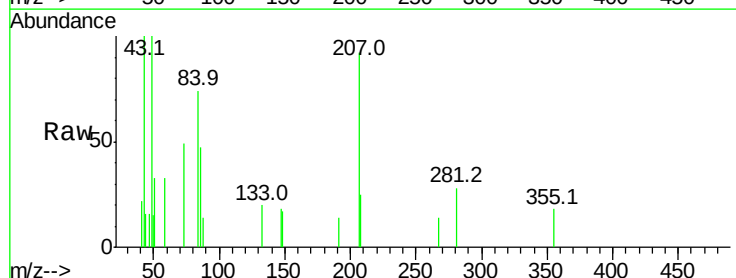
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



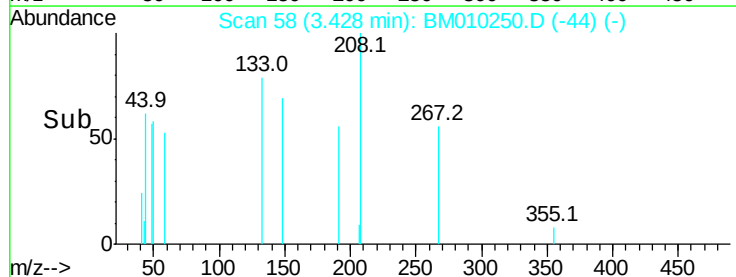
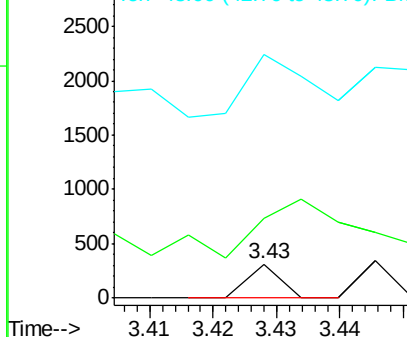
#2

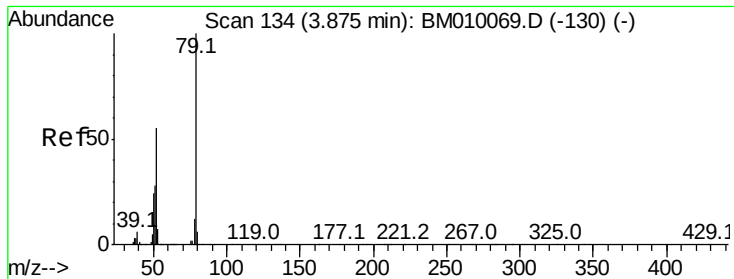
1,4-Dioxane
Concen: 0.04 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.02 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 554.1 0.0 0.0#
43 802.7 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: 3.97 min Scan# 150

Delta R.T. 0.09 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

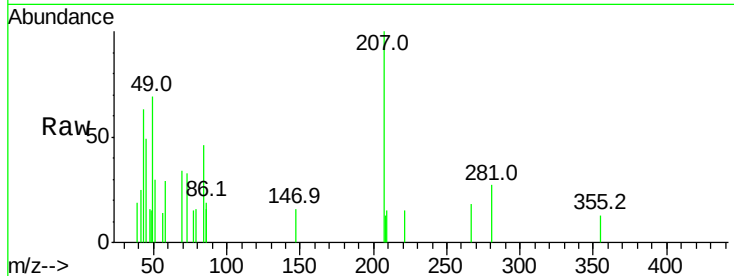
Tot Ion: 79 Resp: 140

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

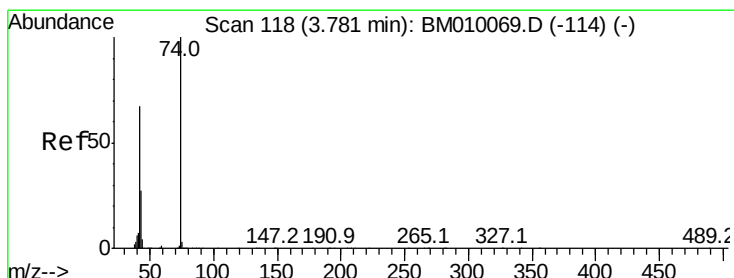
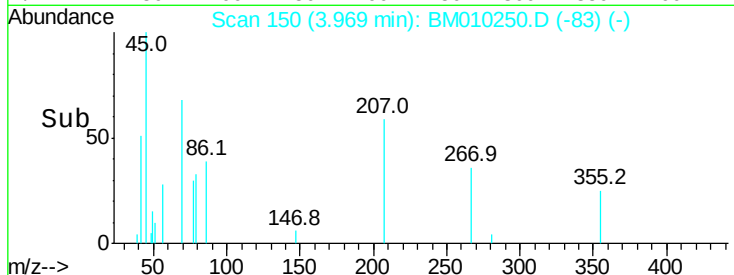
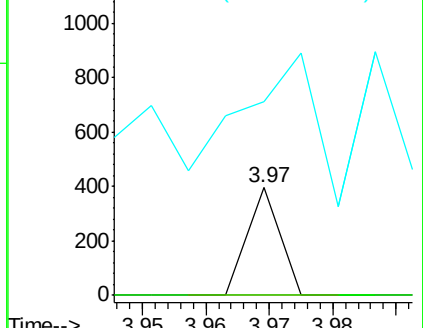
51 179.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.02 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

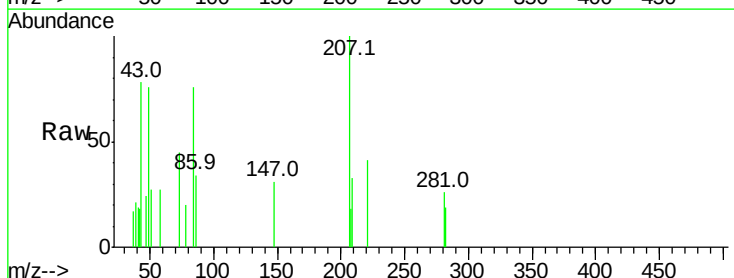
Tgt Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

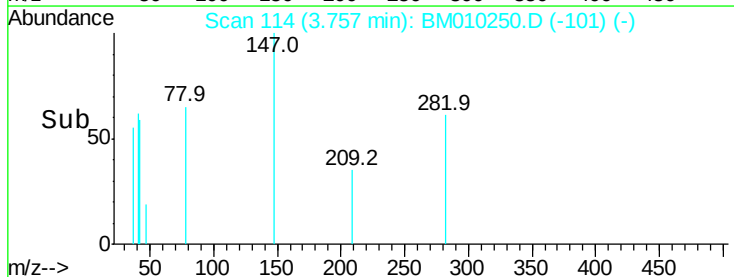
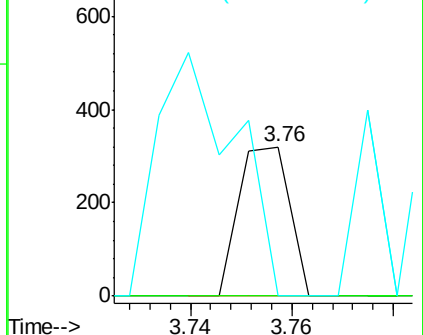
44 0.0 5.4 8.2#

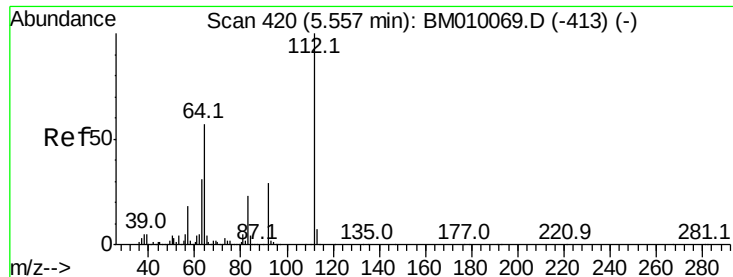


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 65.78 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

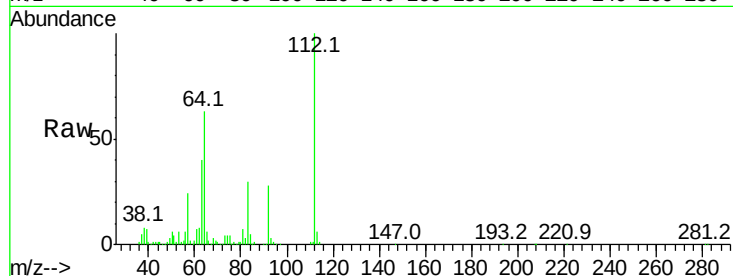
Tot Ion:112 Resp: 384839

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

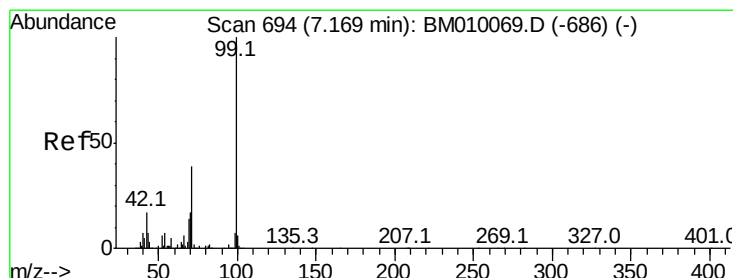
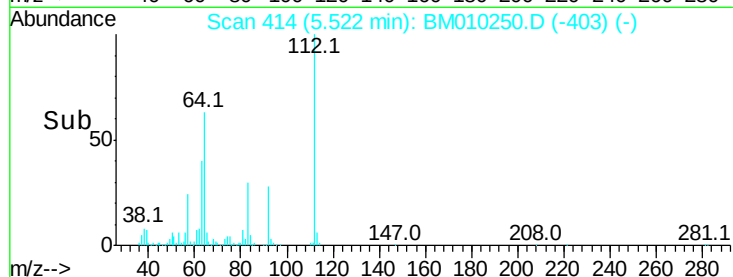
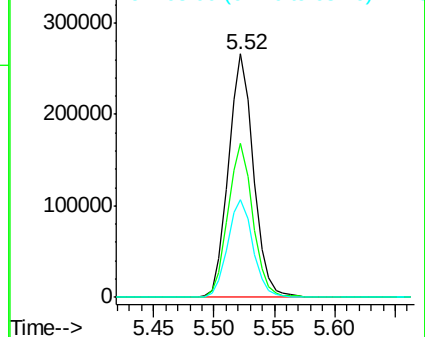
63 40.1 19.3 28.9#



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: 36.48 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

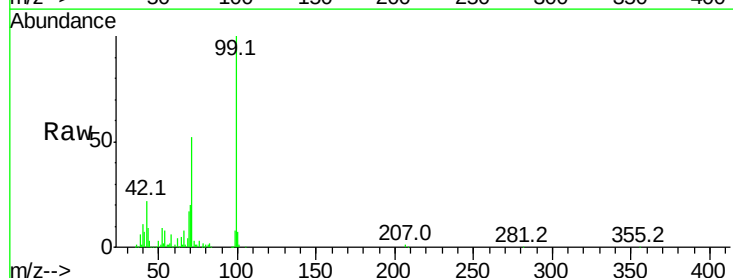
Tgt Ion: 99 Resp: 274594

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

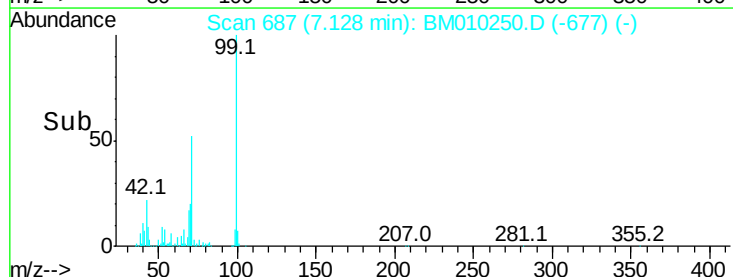
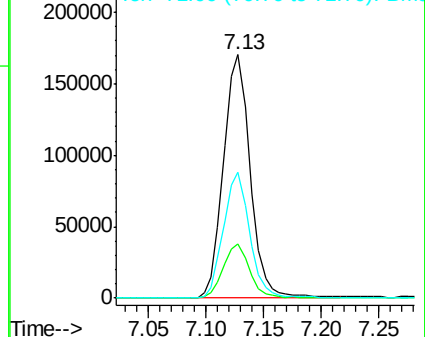
71 51.9 23.4 35.2#

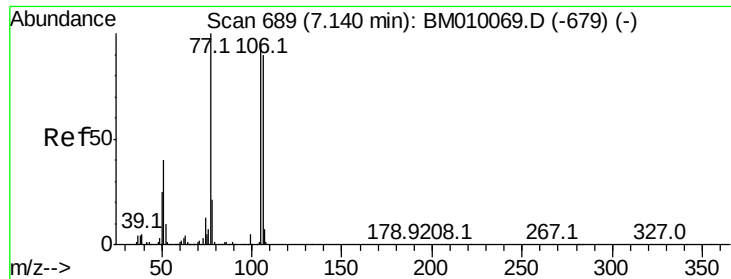


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.34 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

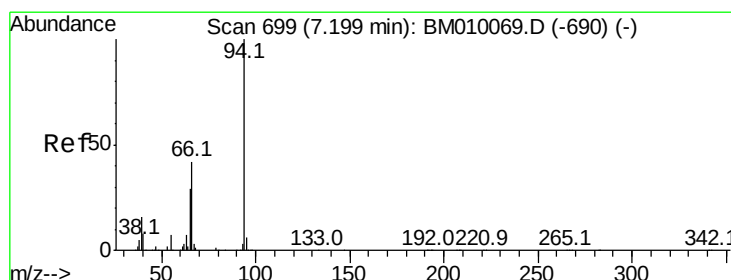
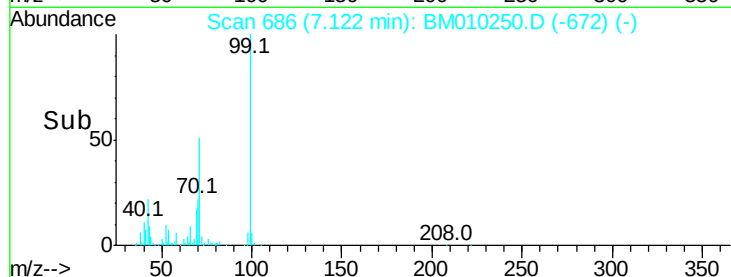
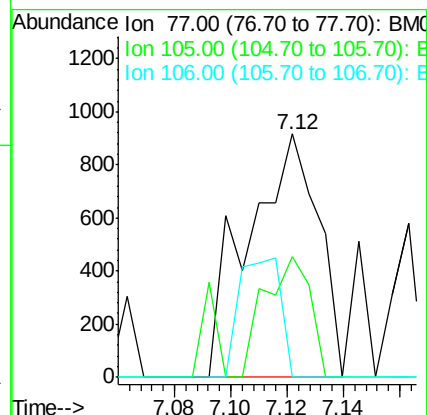
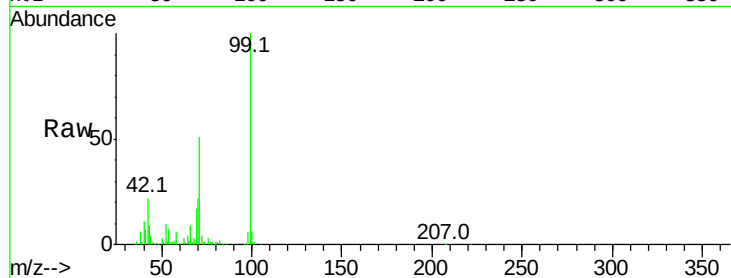
Tot Ion: 77 Resp: 1579

Ion Ratio Lower Upper

77 100

105 49.4 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.42 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

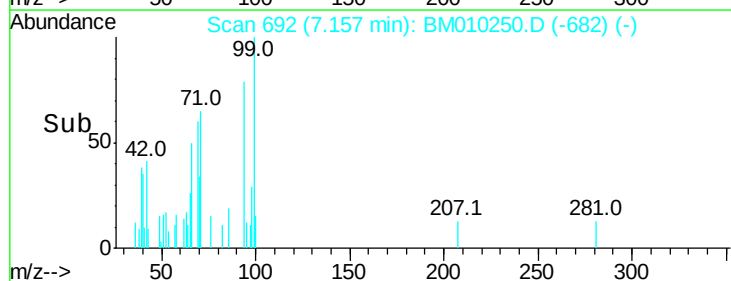
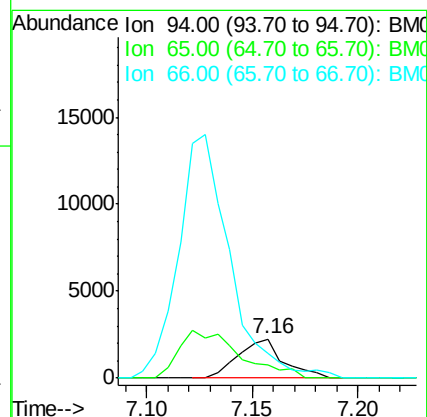
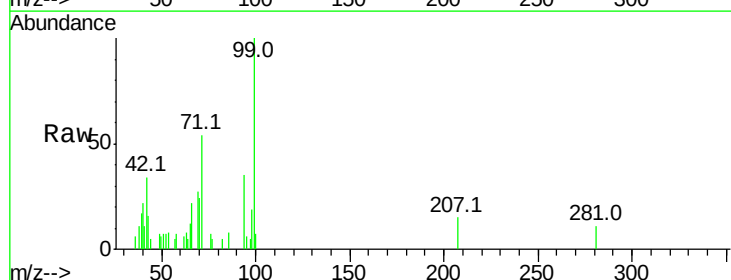
Tgt Ion: 94 Resp: 3359

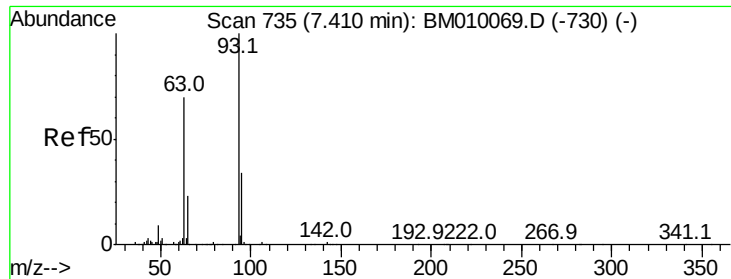
Ion Ratio Lower Upper

94 100

65 33.2 18.8 58.8

66 63.3 39.9 79.9

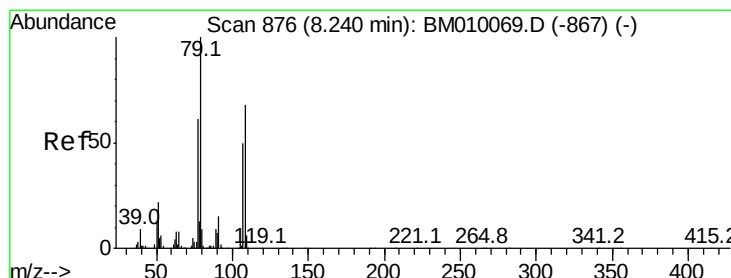
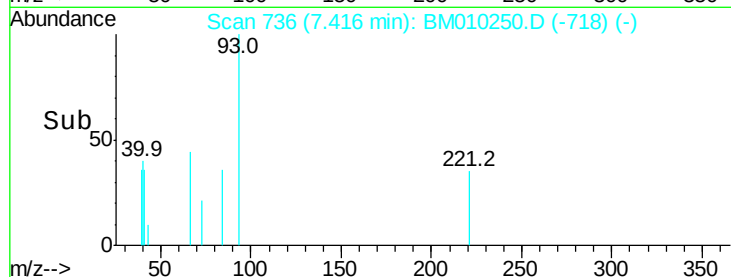
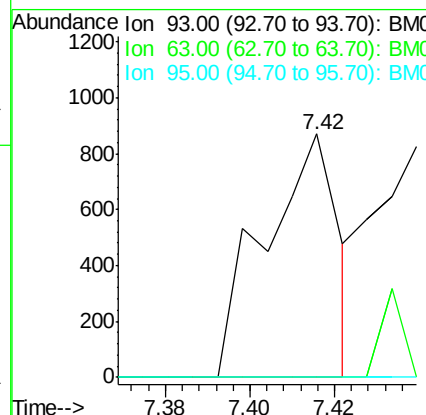
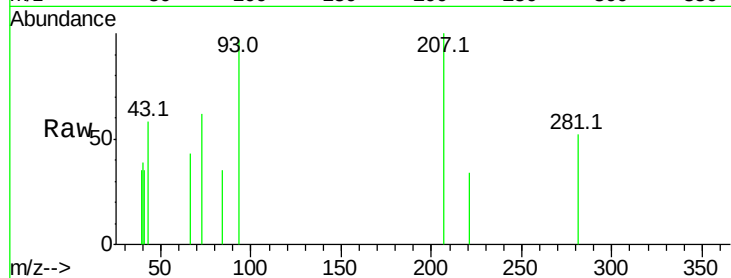




#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

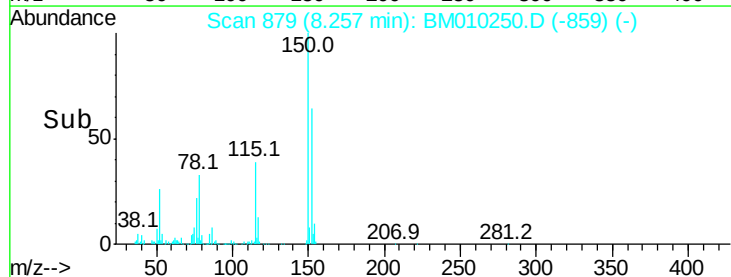
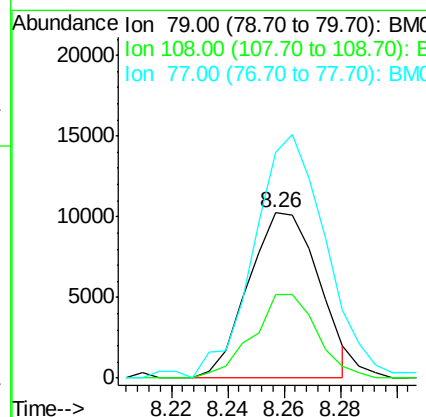
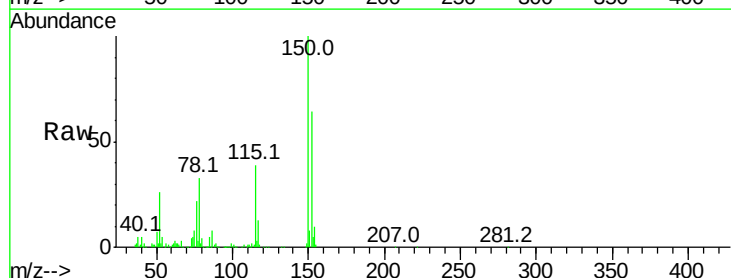
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BNA_M
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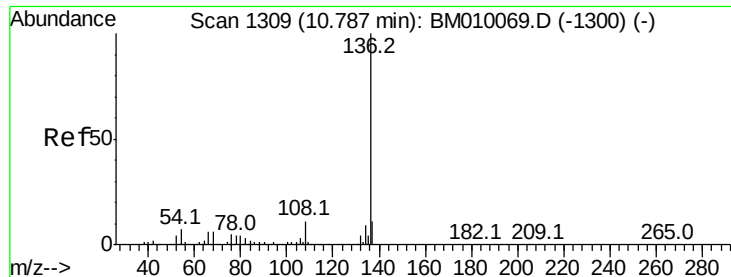
Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	89.5#
95	0.0	13.5	53.5#



#15
Benzyl Alcohol
Concen: 3.10 ng
RT: 8.26 min Scan# 879
Delta R.T. 0.02 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion	Ratio	Lower	Upper
79	100		
108	50.5	65.0	97.4#
77	136.6	53.0	79.6#

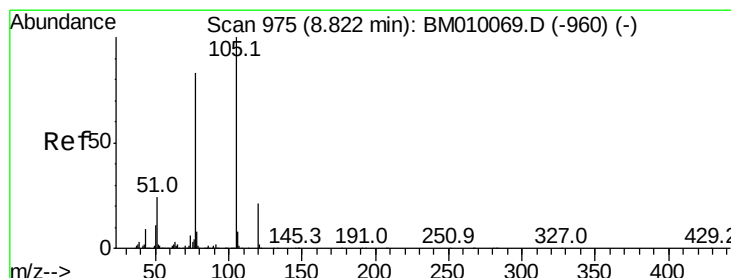
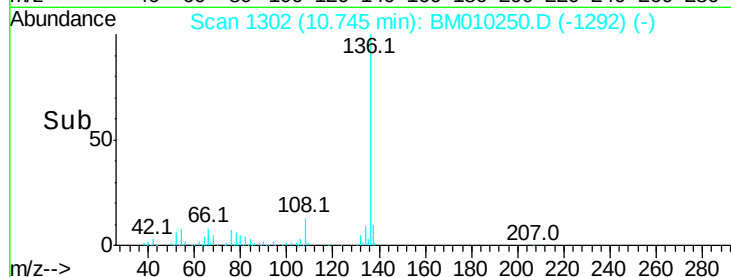
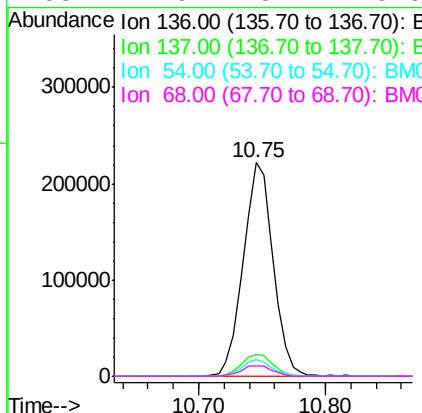
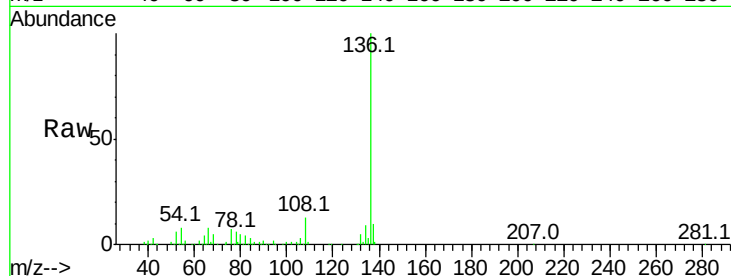




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

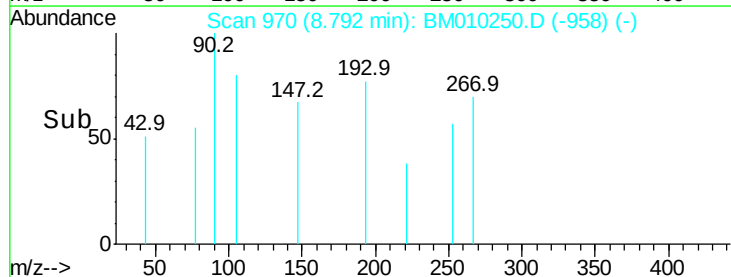
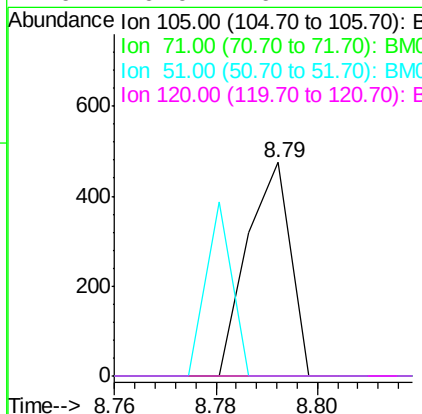
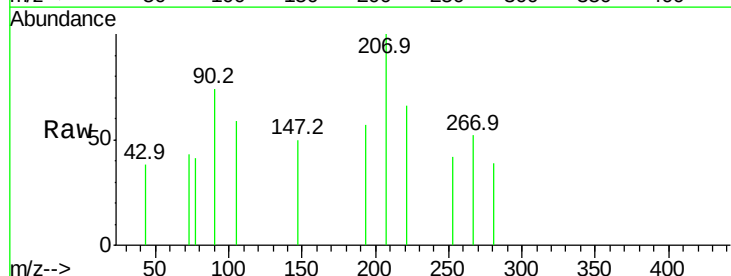
Instrument :
BNA_M
ClientSampleId :

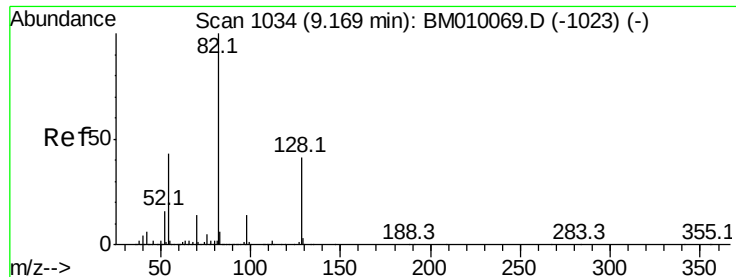
Tot Ion:136	Resp:	363638
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.7	13.1
54 7.7	4.6	6.8#
68 4.9	3.7	5.5



#22
Acetophenone
Concen: 0.03 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion	Ion:105	Resp:	281
105	Ratio 100	Lower	Upper
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

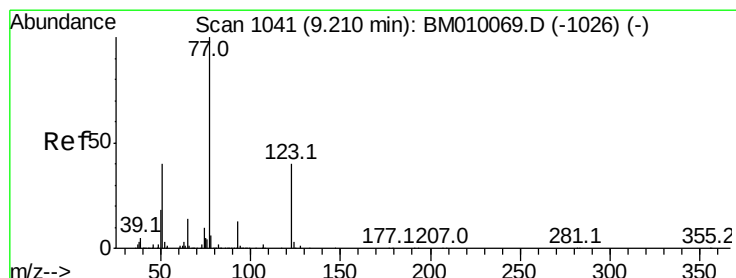
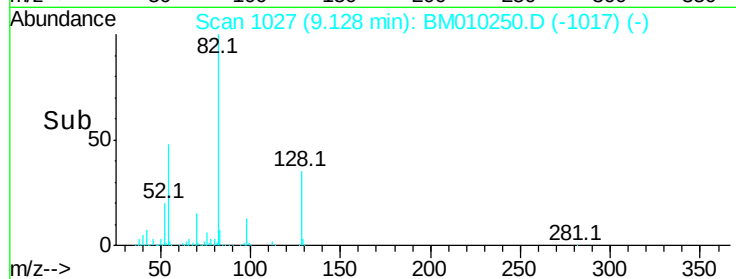
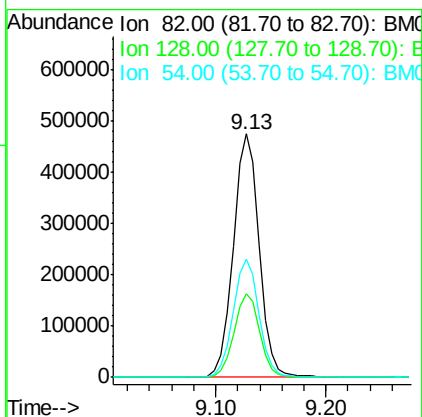
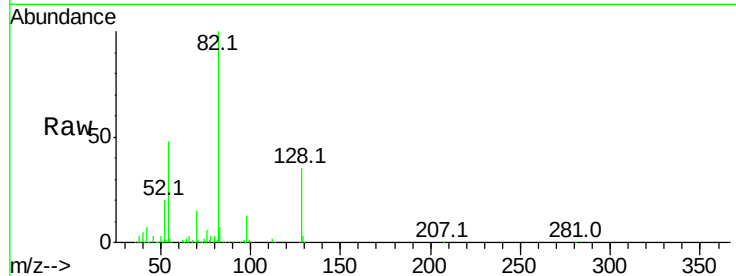




#23
Nitrobenzene-d5
Concen: 115.74 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

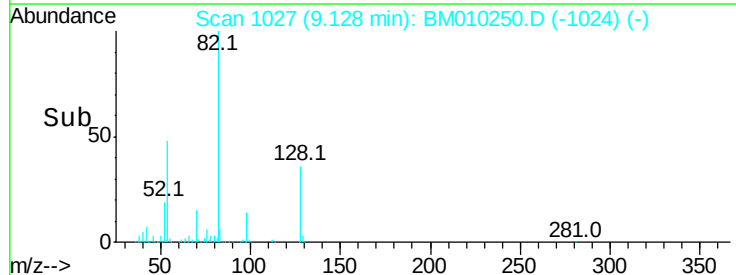
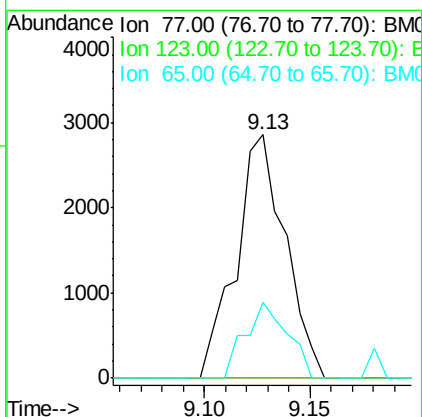
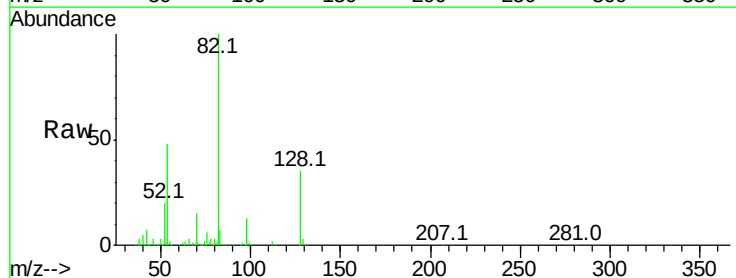
Instrument :
BNA_M
ClientSampled :

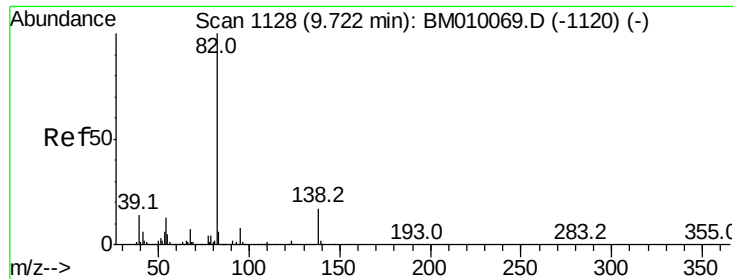
Tot Ion: 82 Resp: 780092
Ion Ratio Lower Upper
82 100
128 34.6 32.8 49.2
54 48.5 40.6 60.8



#24
Nitrobenzene
Concen: 0.66 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion: 77 Resp: 4608
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 31.4 10.9 16.3#





#25

Isophorone

Concen: 0.04 ng

RT: 9.66 min Scan# 1117

Delta R.T. -0.06 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

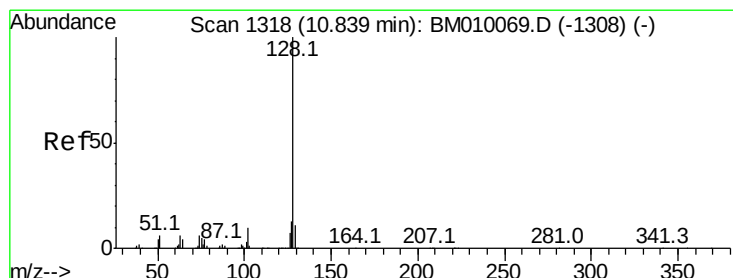
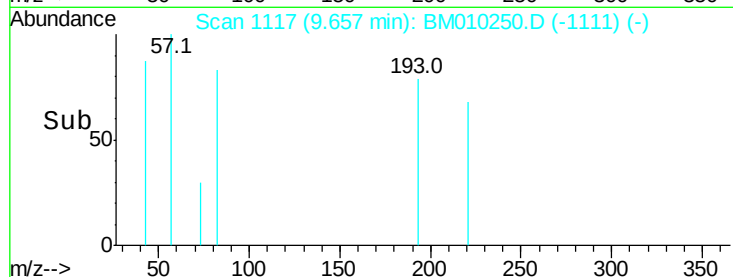
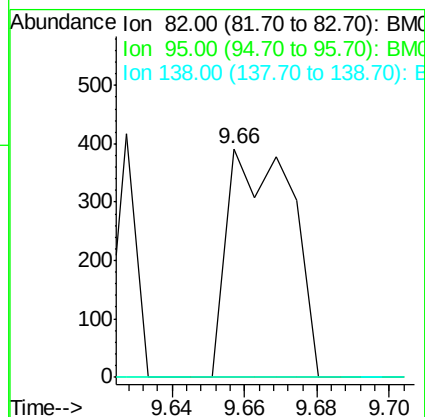
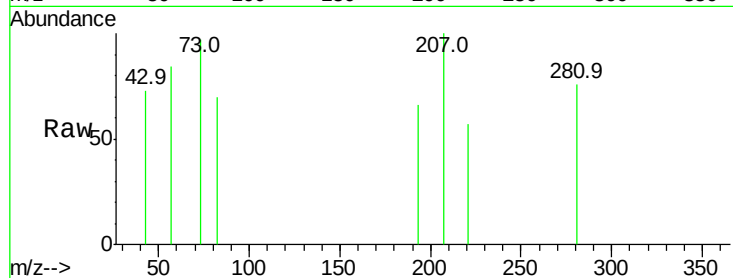
Tot Ion: 82 Resp: 487

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



#31

Naphthalene

Concen: 0.01 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

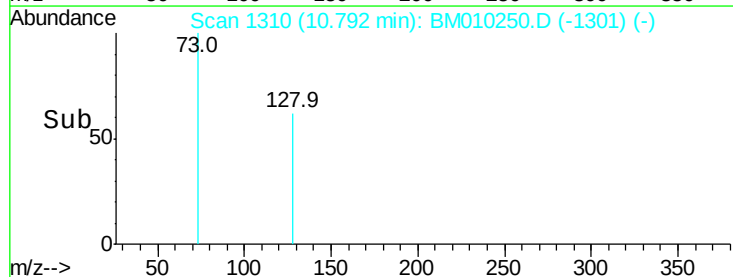
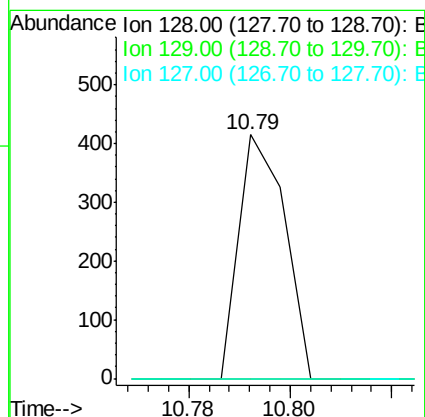
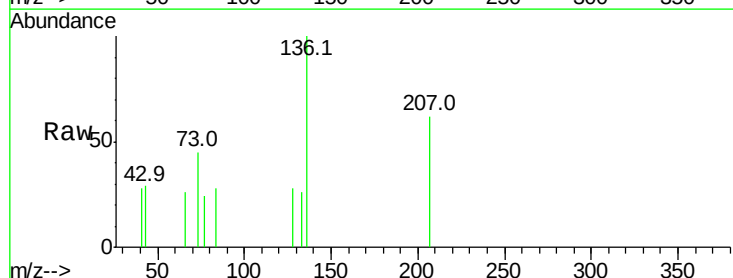
Tgt Ion: 128 Resp: 261

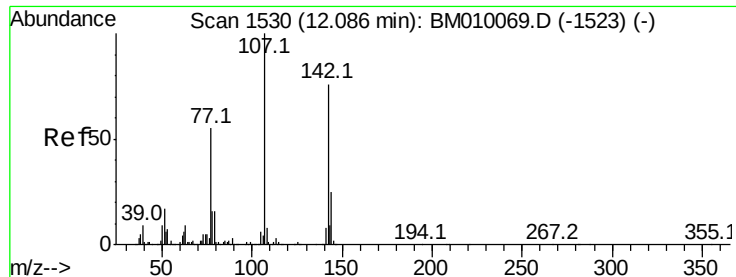
Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 0.0 10.4 15.6#

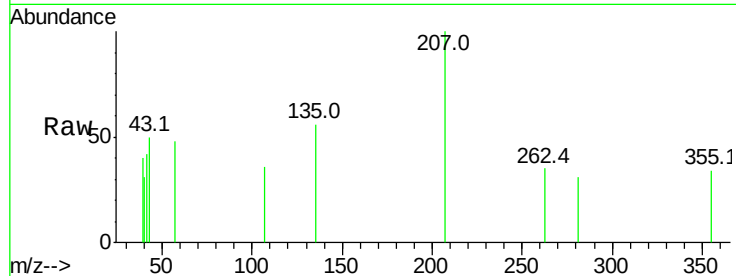




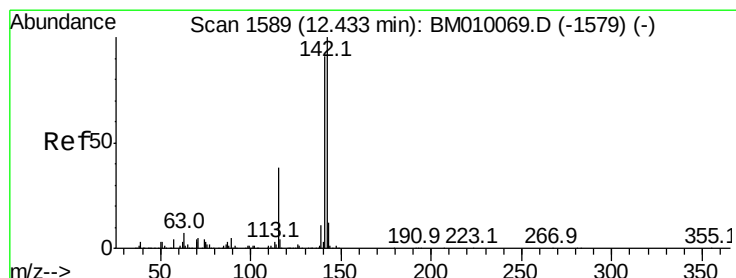
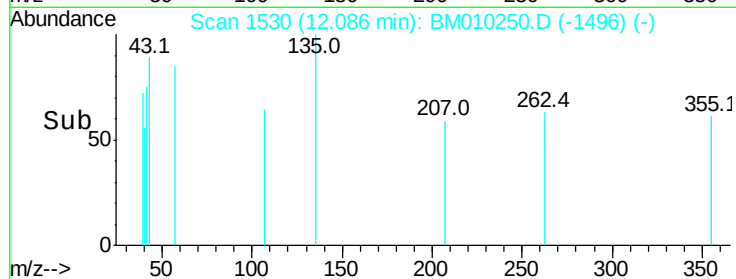
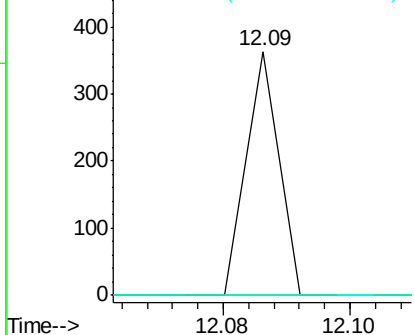
#36
 4-Chloro-3-methylphenol
 Concen: 0.02 ng
 RT: 12.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#

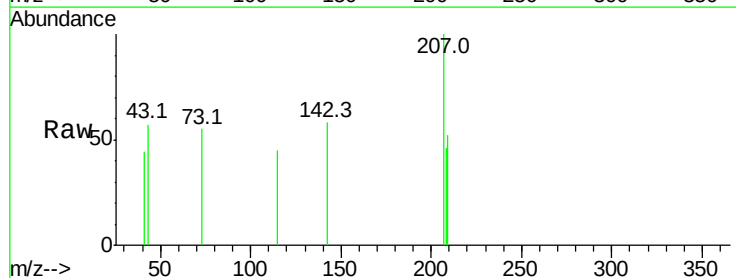


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

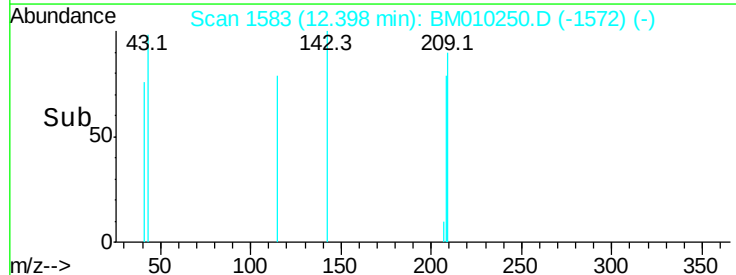
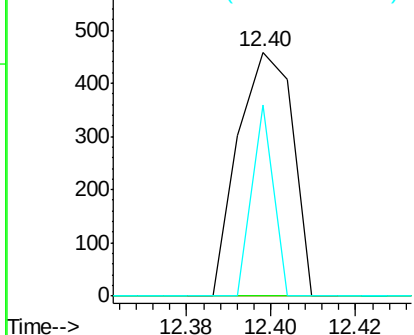


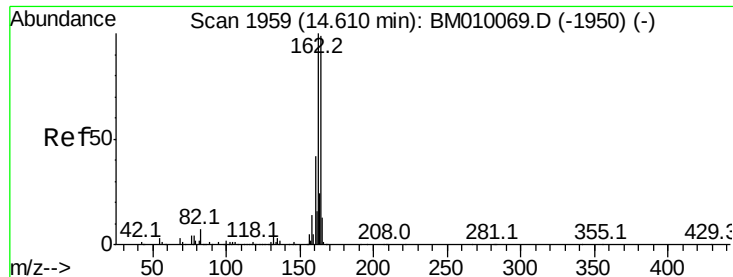
#37
 2-Methylnaphthalene
 Concen: 0.03 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.9	107.9#
115	78.6	25.4	38.0#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

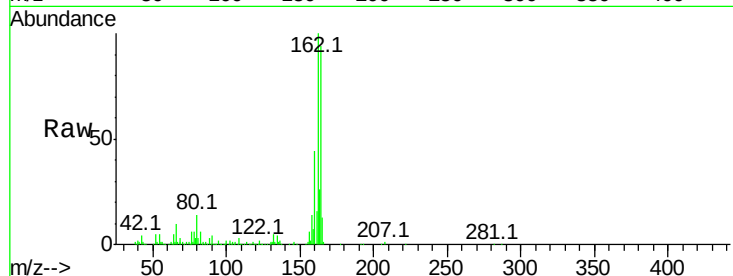
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 248488

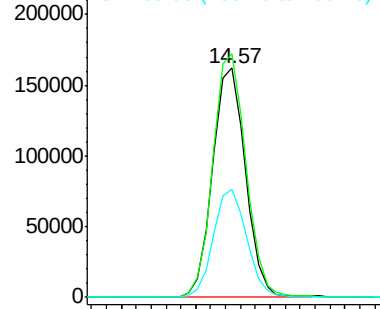
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	47.1	35.8	53.6



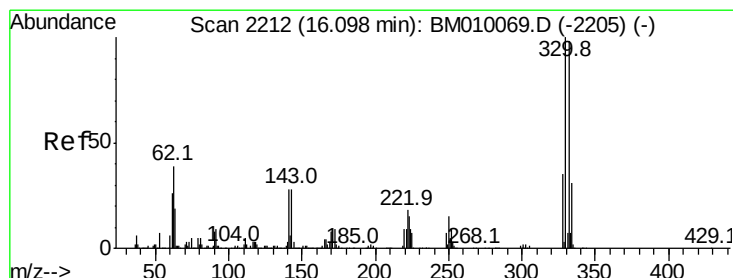
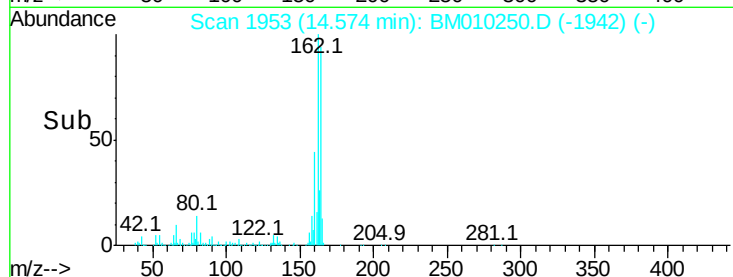
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 173.81 ng

RT: 16.07 min Scan# 2207

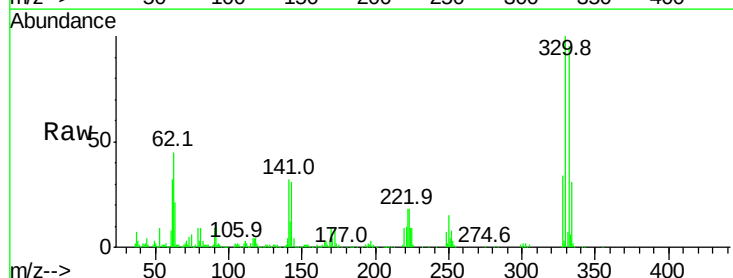
Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:330 Resp: 655960

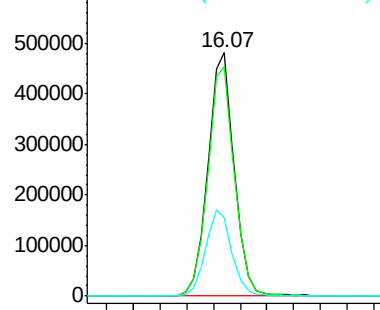
Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.7	0.0	0.0#



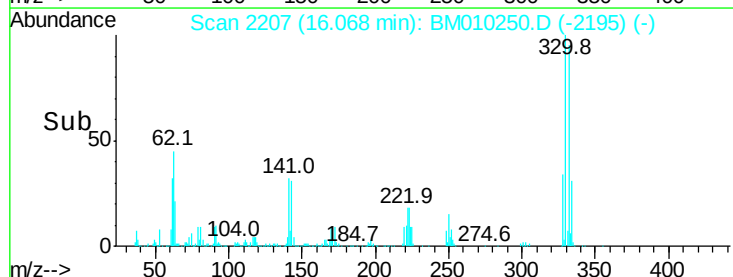
Abundance Ion 329.80 (329.50 to 330.50): E

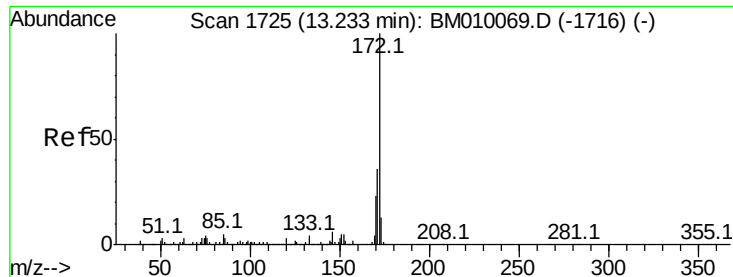
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

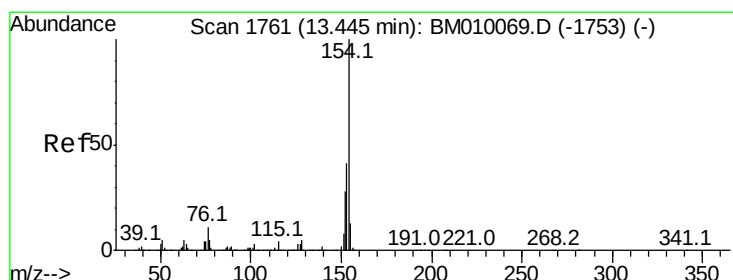
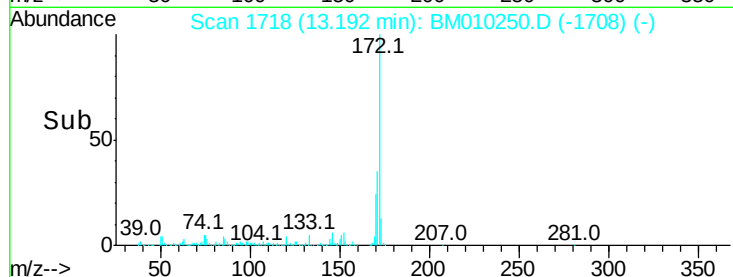
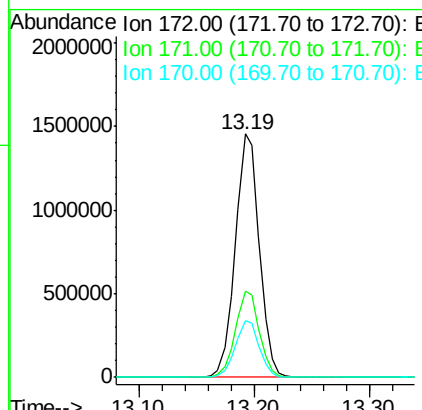
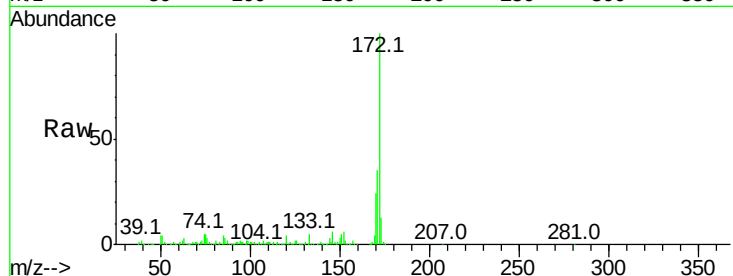




#44
2-Fluorobiphenyl
Concen: 108.25 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

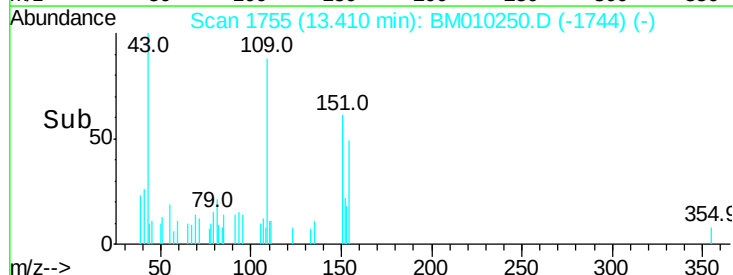
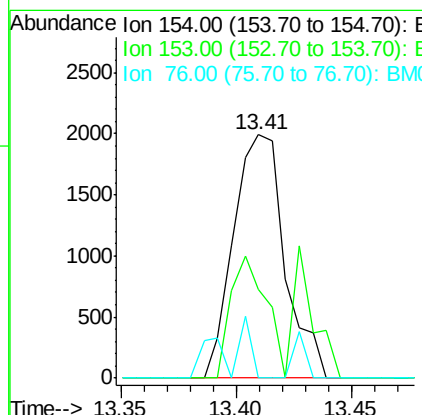
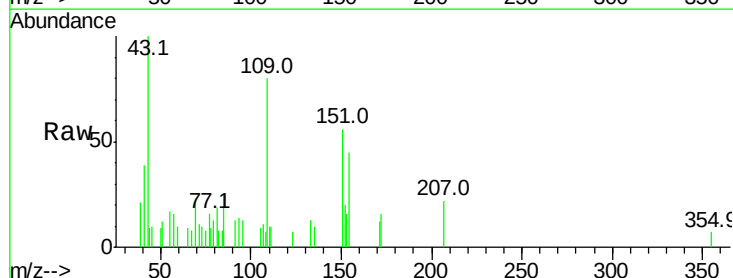
Instrument :
BNA_M
ClientSampleId :

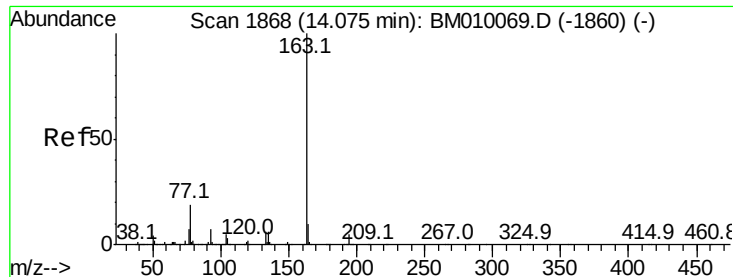
Tot Ion:172 Resp: 2092441
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 18.8 28.2



#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 13.41 min Scan# 1755
Delta R.T. -0.04 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion:154 Resp: 3089
Ion Ratio Lower Upper
154 100
153 36.5 20.7 60.7
76 0.0 0.0 30.9





#49

Dimethylphthalate

Concen: 1.64 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

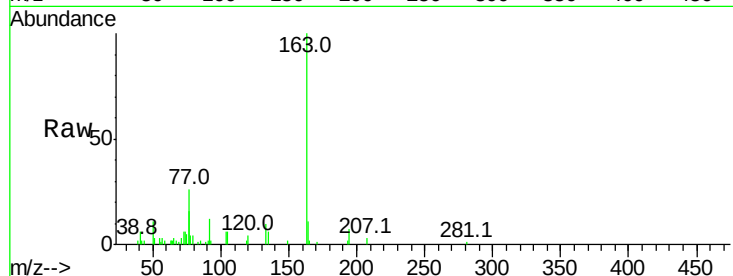
Tot Ion:163 Resp: 36255

Ion Ratio Lower Upper

163 100

194 6.7 2.7 4.1#

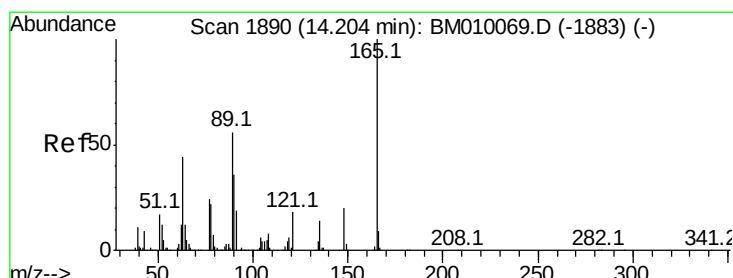
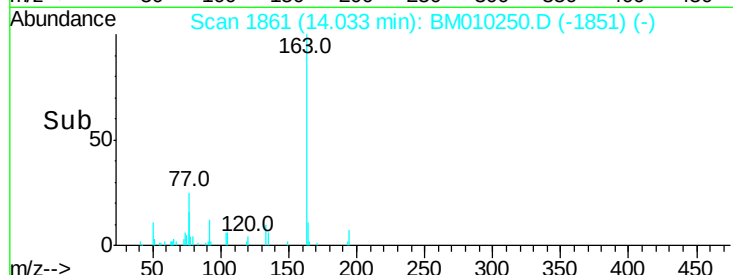
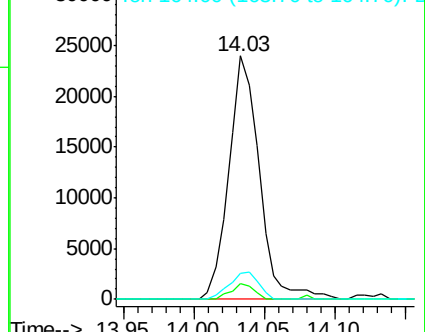
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.03 ng

RT: 14.15 min Scan# 1881

Delta R.T. -0.05 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

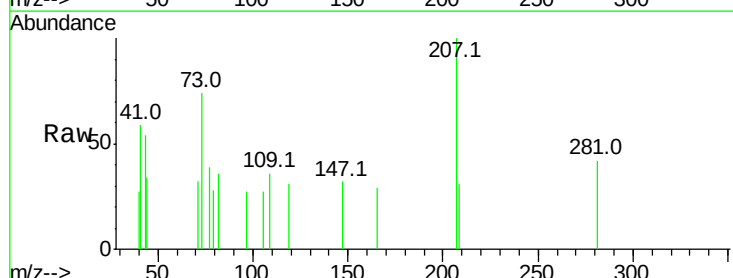
Tgt Ion:165 Resp: 116

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

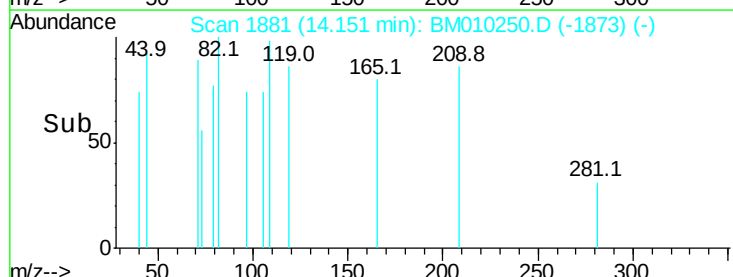
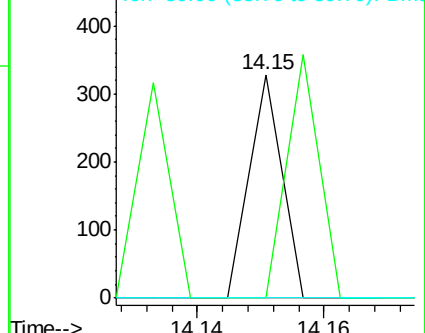
89 0.0 44.3 66.5#

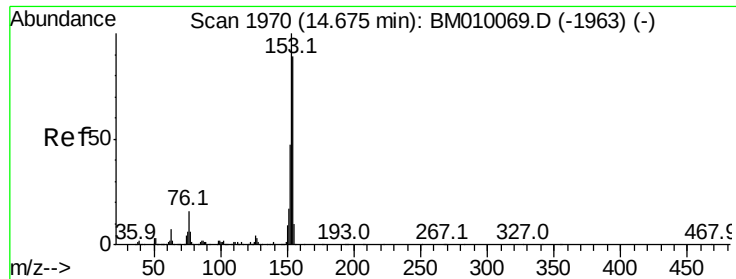


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 0.04 ng

RT: 14.63 min Scan# 1963

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

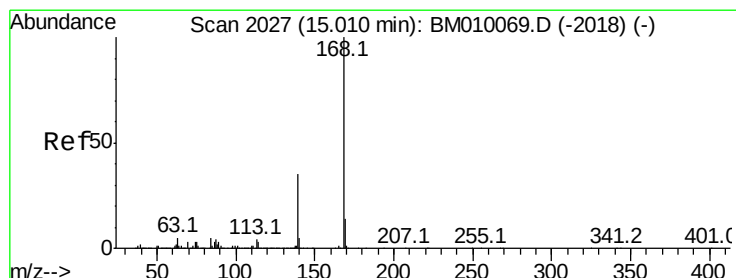
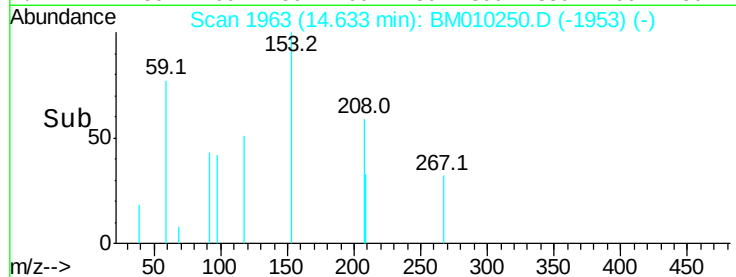
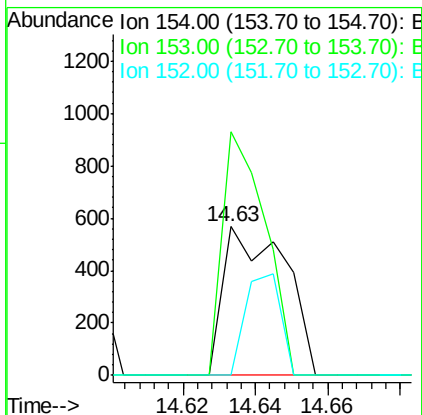
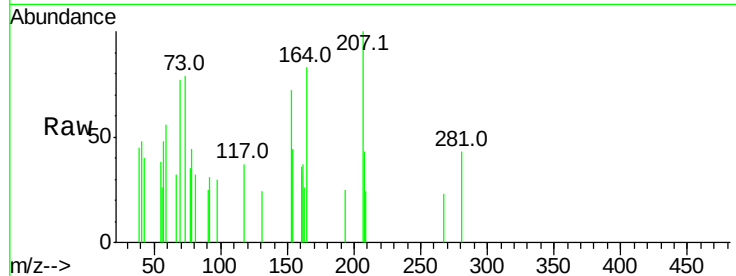
Tot Ion:154 Resp: 674

Ion Ratio Lower Upper

154 100

153 164.0 90.0 135.0#

152 0.0 42.6 63.8#



#54

Dibenzofuran

Concen: 0.01 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

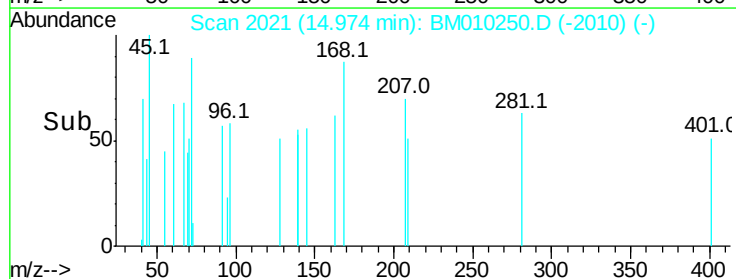
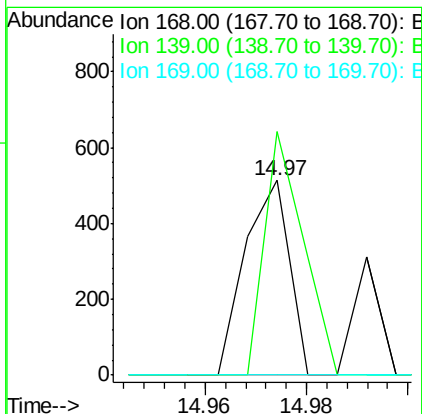
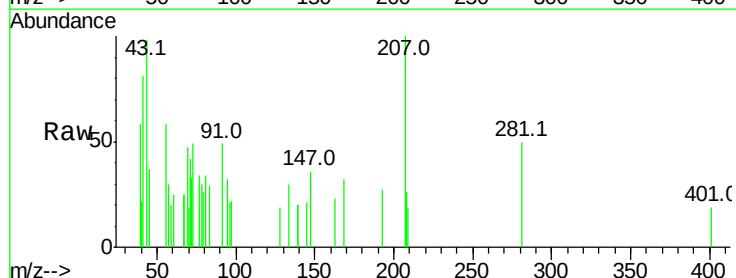
Tgt Ion:168 Resp: 310

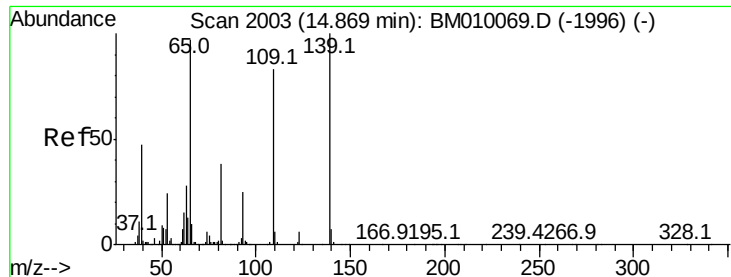
Ion Ratio Lower Upper

168 100

139 125.1 27.3 40.9#

169 0.0 10.6 16.0#

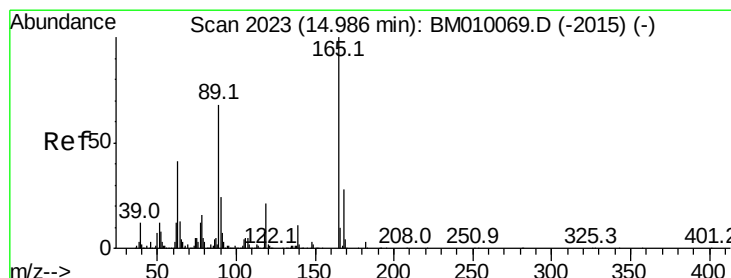
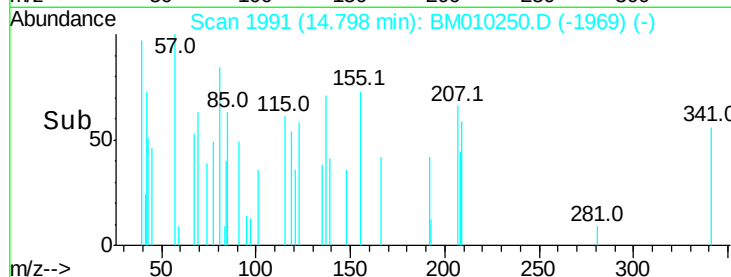
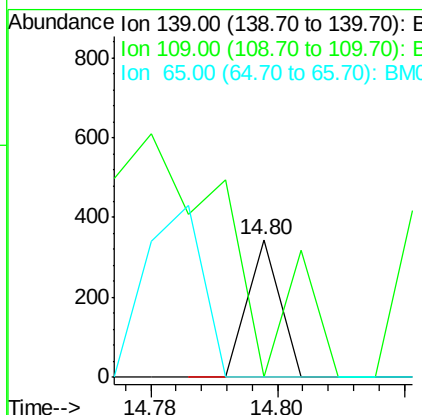
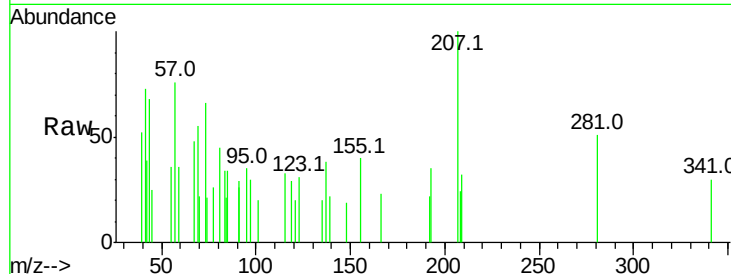




#55
4-Nitrophenol
Concen: 0.04 ng
RT: 14.80 min Scan# 1991
Delta R.T. -0.07 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

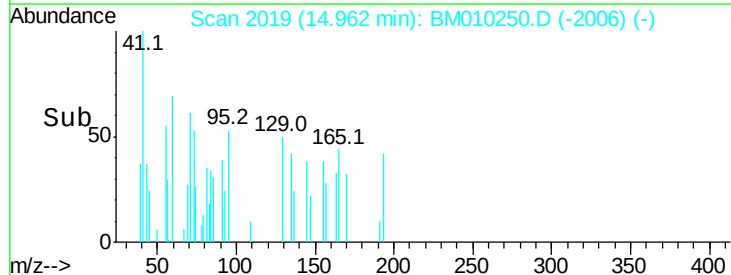
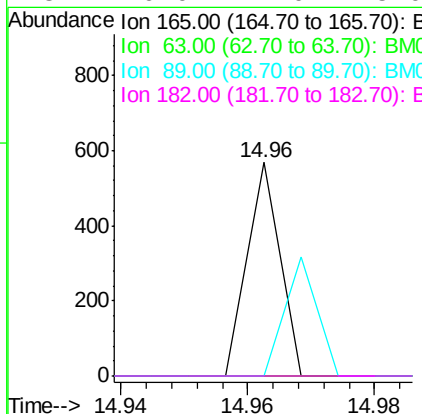
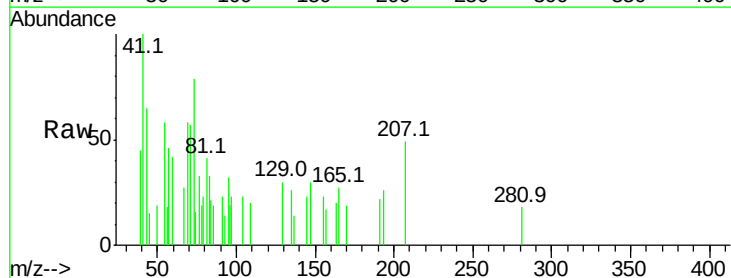
Instrument :
BNA_M
ClientSampleId :

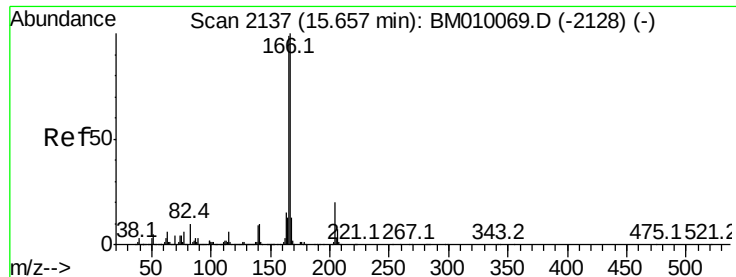
Tot Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 0.03 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion:165 Resp: 201
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 0.05 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

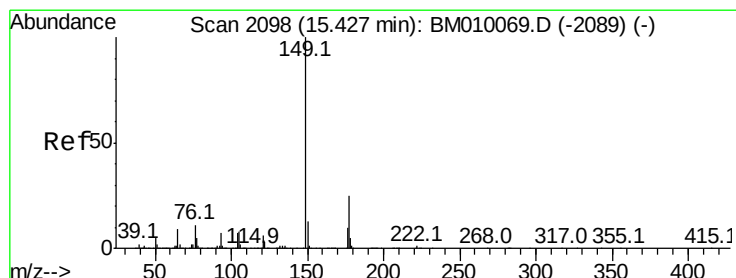
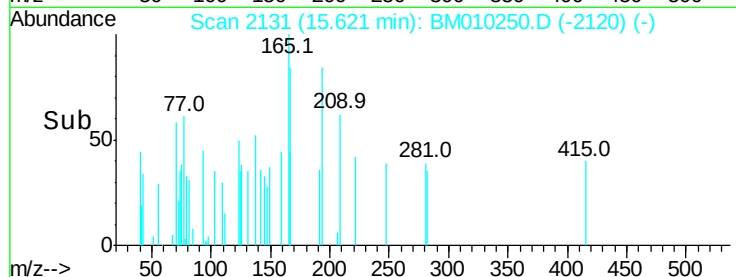
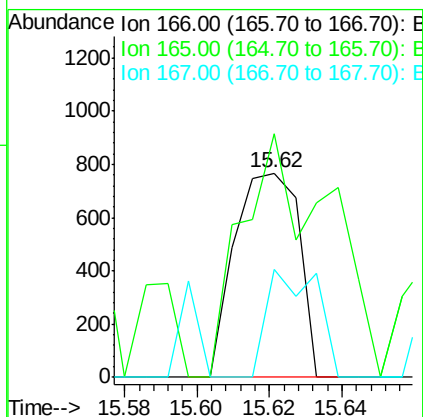
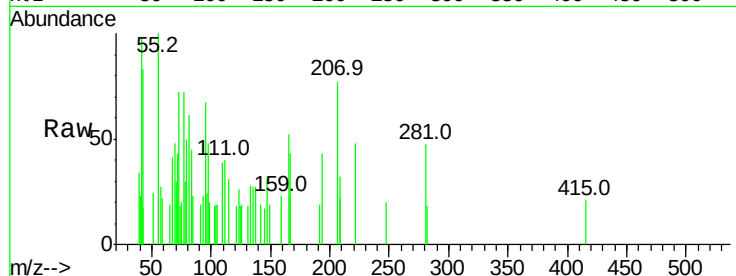
Tot Ion:166 Resp: 944

Ion Ratio Lower Upper

166 100

165 119.2 79.0 118.4#

167 52.8 10.3 15.5#



#59

Diethylphthalate

Concen: 0.17 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.05 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

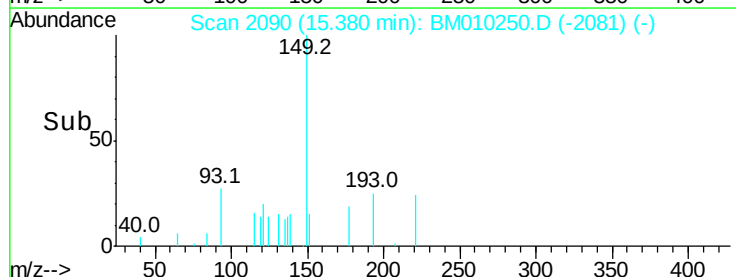
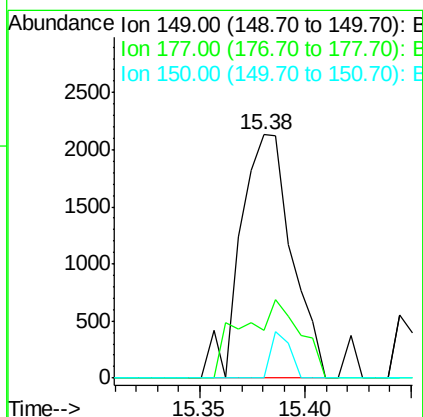
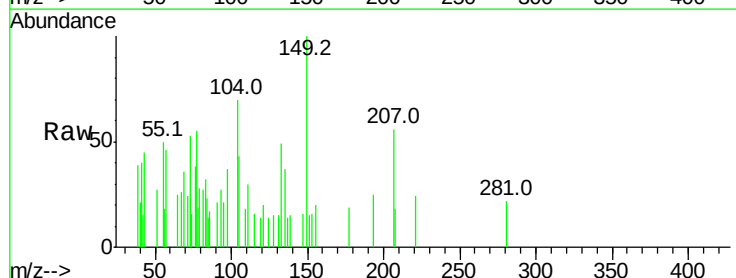
Tgt Ion:149 Resp: 3581

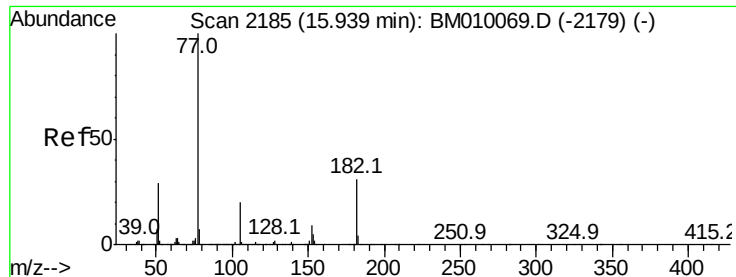
Ion Ratio Lower Upper

149 100

177 19.4 18.3 27.5

150 0.0 9.8 14.8#





#62

Azobenzene

Concen: 0.04 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.06 min

Lab File: BM010250.D

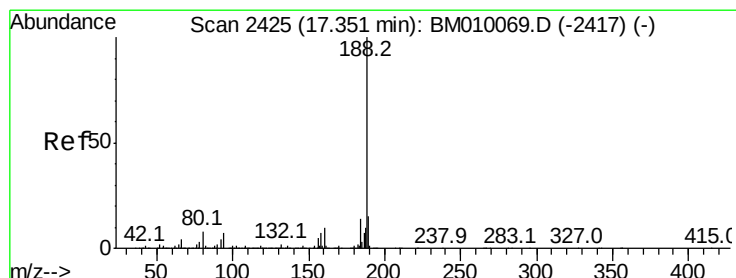
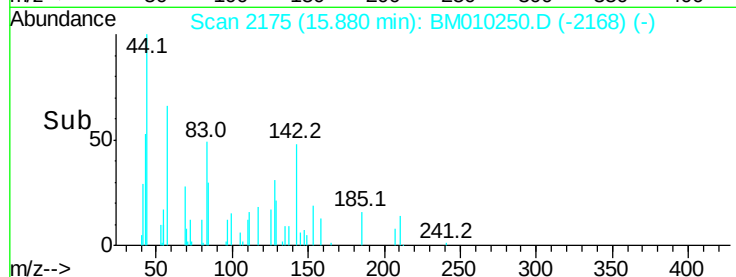
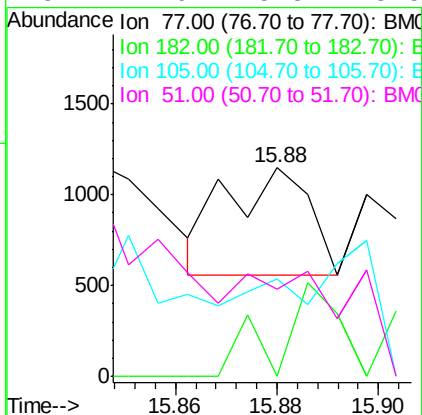
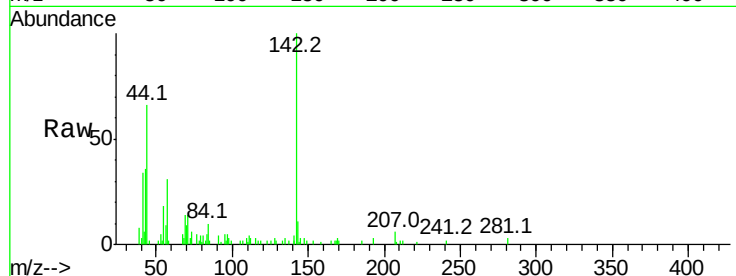
Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	77	Resp:	664
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	46.7	3.8	43.8#
51	41.6	5.5	45.5



#63

Phenanthrene-d10

Concen: 20.00 ng

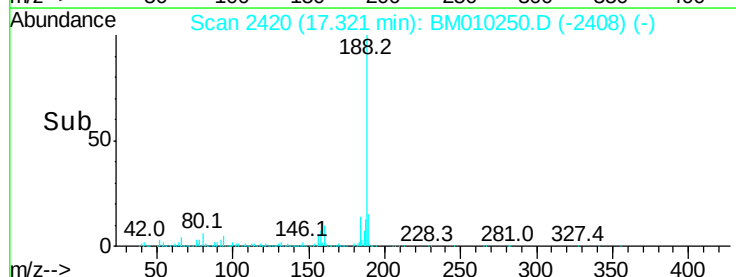
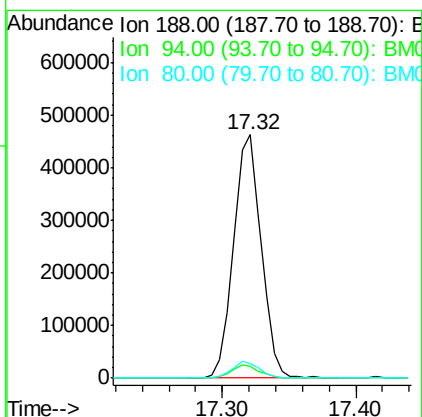
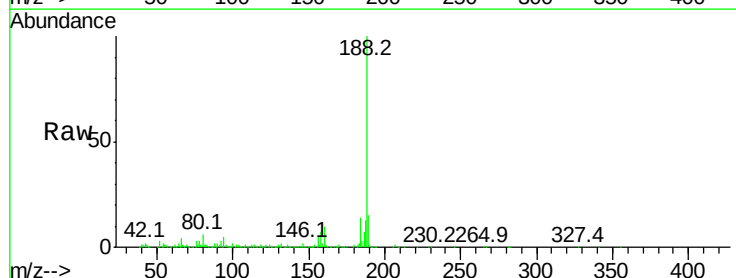
RT: 17.32 min Scan# 2420

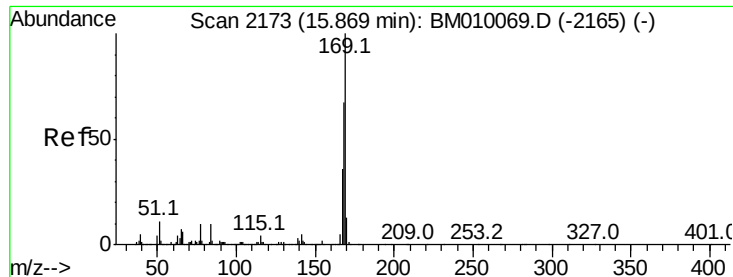
Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:	188	Resp:	665162
Ion	Ratio	Lower	Upper
188	100		
94	5.0	8.7	13.1#
80	6.0	9.3	13.9#





#65

n-Nitrosodiphenylamine

Concen: 1.15 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

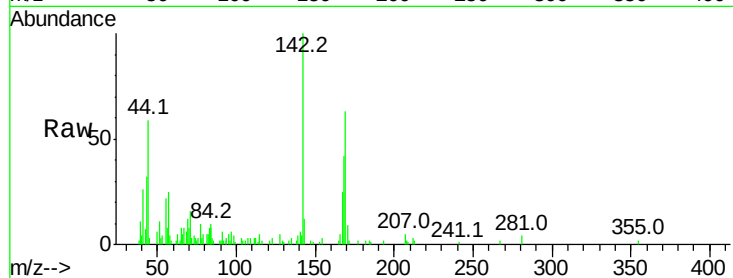
Tot Ion:169 Resp: 22860

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	39.2	28.9	43.3

169 100

168 67.6 53.9 80.9

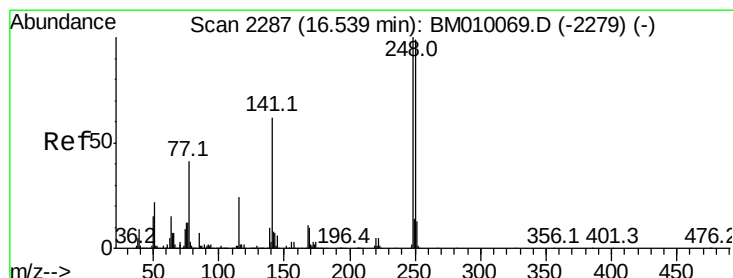
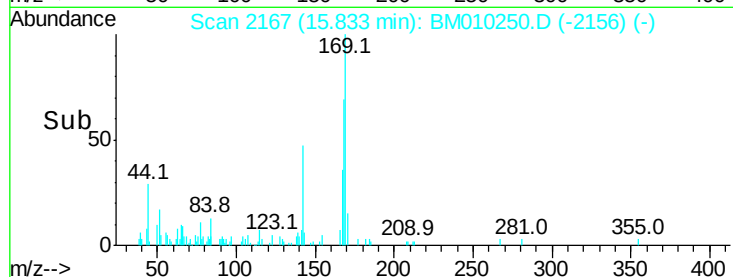
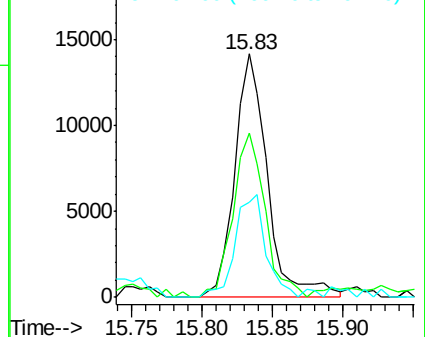
167 39.2 28.9 43.3



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: 0.01 ng

RT: 16.50 min Scan# 2281

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

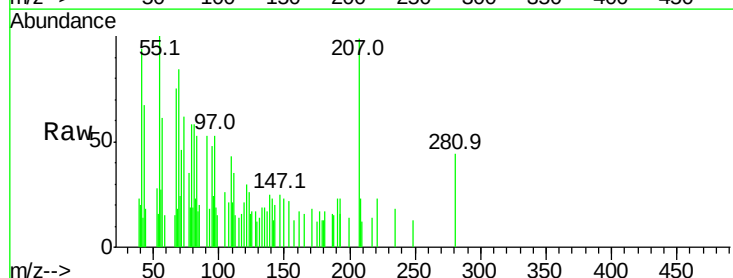
Tgt Ion:248 Resp: 112

Ion	Ratio	Lower	Upper
248	100		
250	0.0	77.4	116.0#
141	181.8	45.2	67.8#

248 100

250 0.0 77.4 116.0#

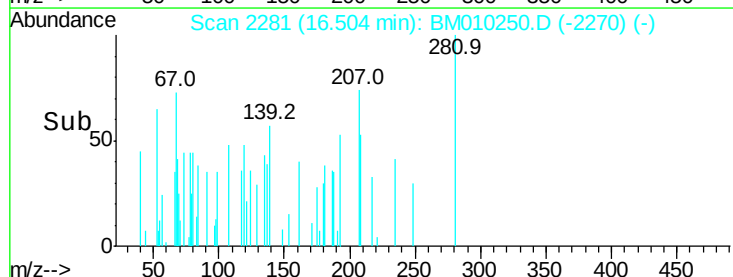
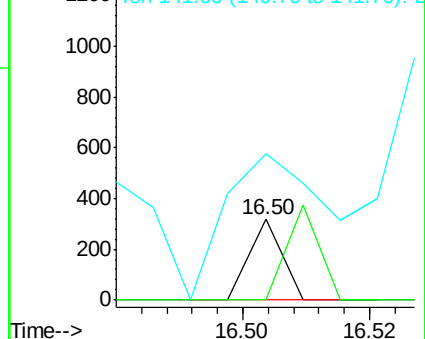
141 181.8 45.2 67.8#

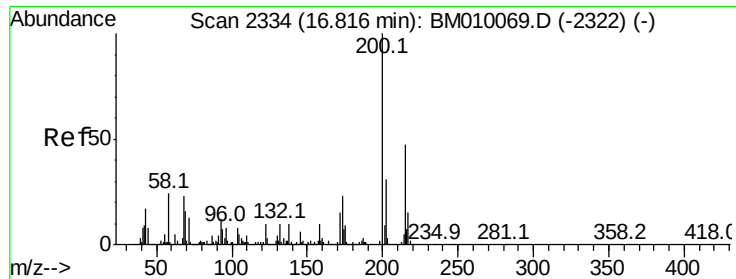


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 0.02 ng

RT: 16.82 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

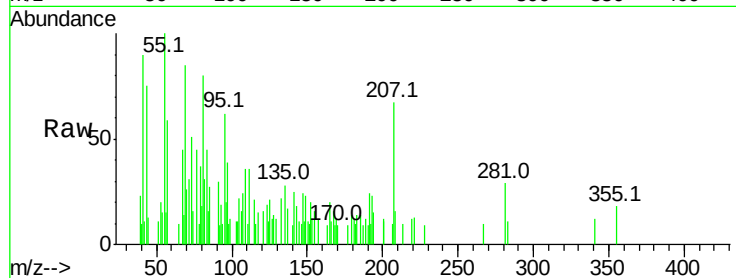
Tot Ion:200 Resp: 140

Ion Ratio Lower Upper

200 100

173 0.0 4.8 44.8#

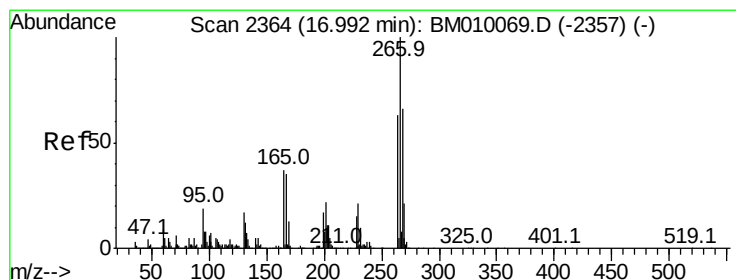
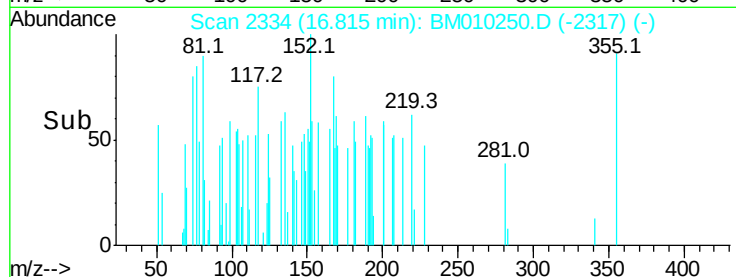
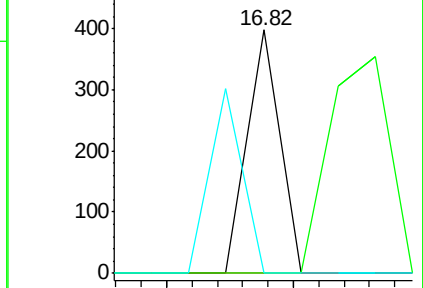
215 0.0 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.03 ng

RT: 16.96 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

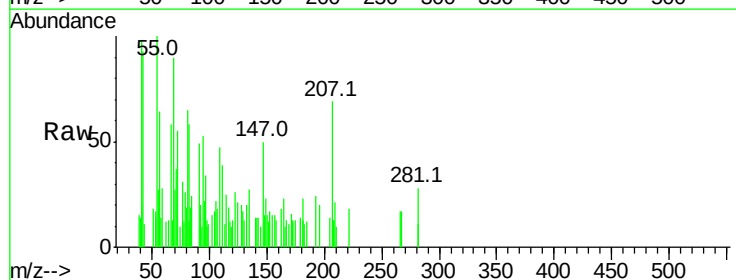
Tgt Ion:266 Resp: 187

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

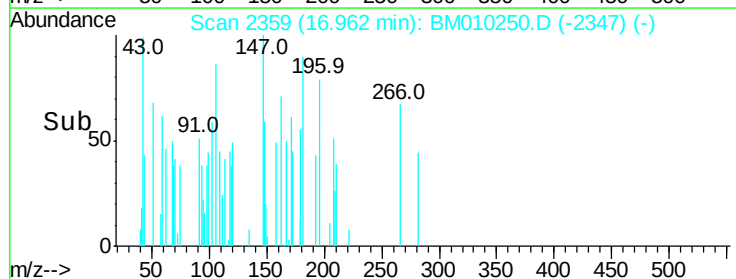
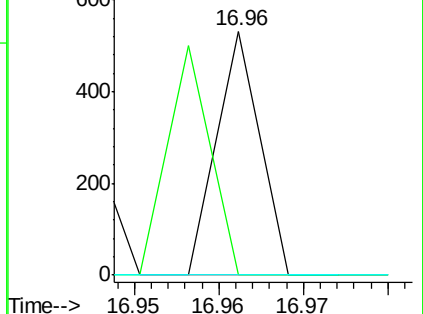
264 0.0 49.0 73.4#

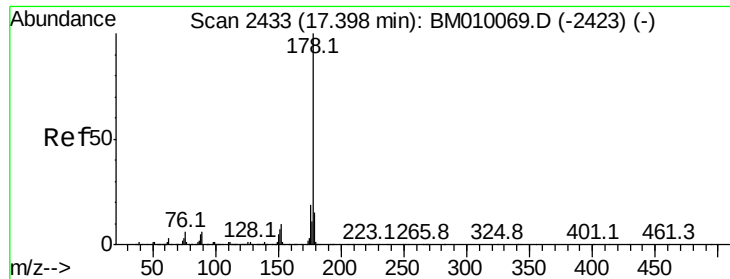


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.08 ng

RT: 17.36 min Scan# 2426

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

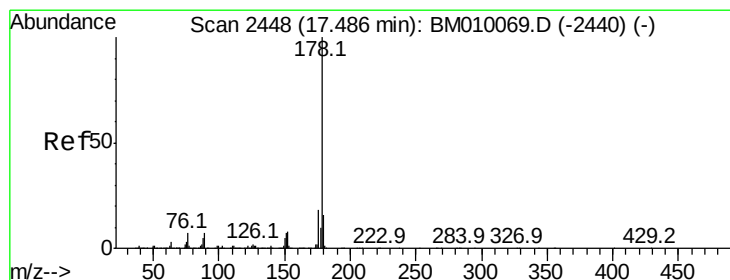
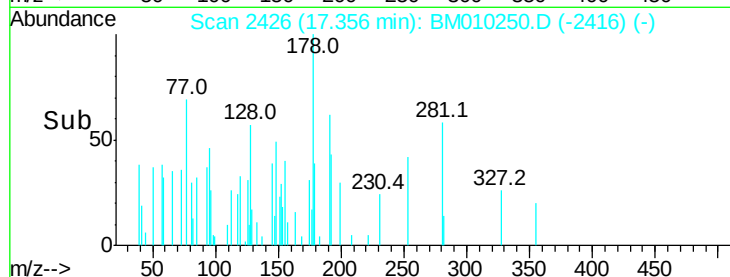
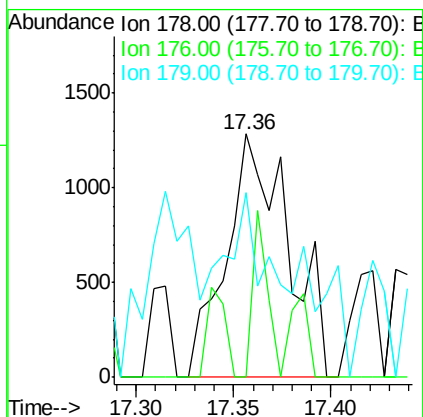
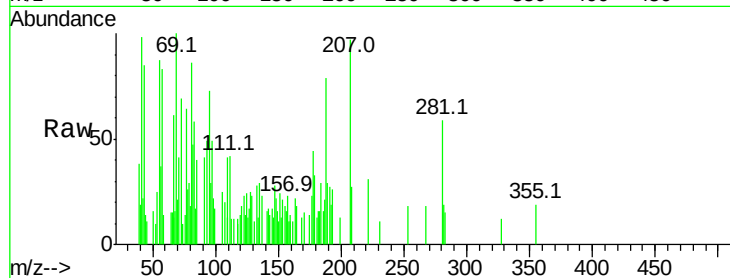
Tot Ion:178 Resp: 2838

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

179 75.6 12.1 18.1#



#71

Anthracene

Concen: 0.06 ng

RT: 17.45 min Scan# 2442

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

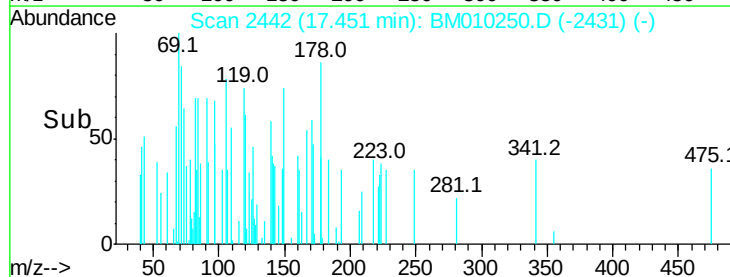
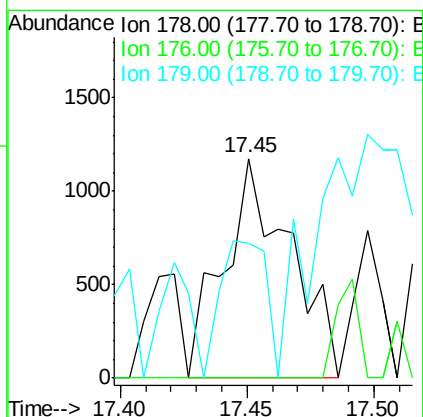
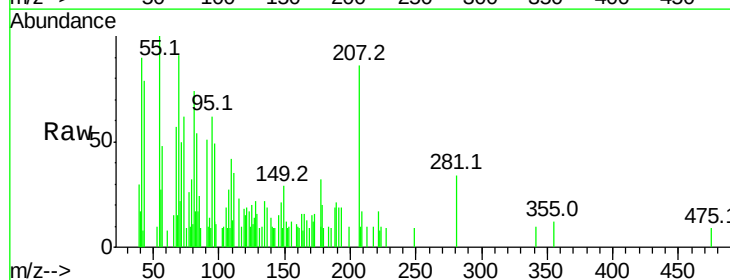
Tgt Ion:178 Resp: 2141

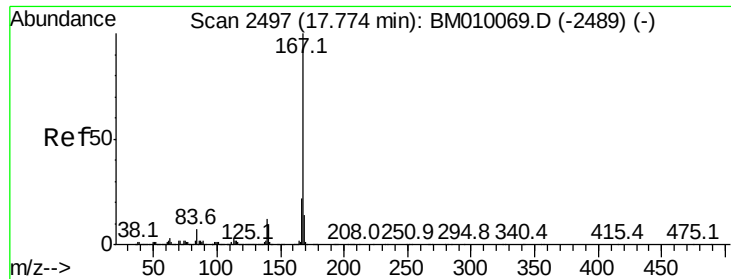
Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

179 61.1 12.6 19.0#

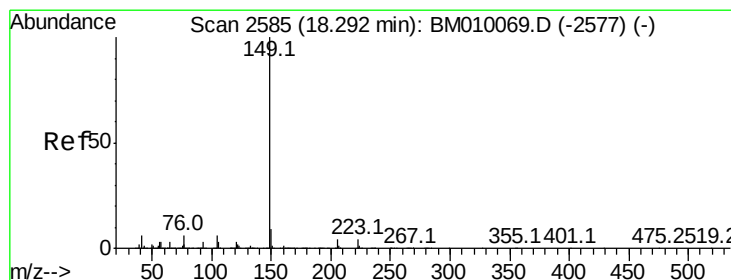
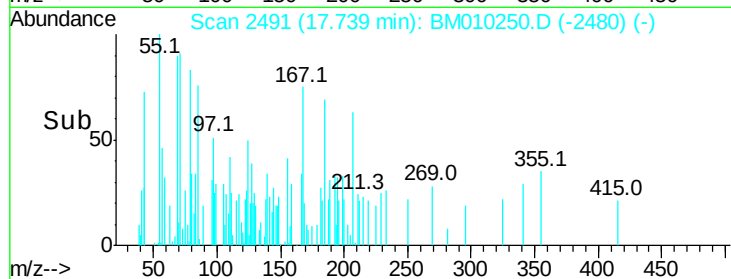
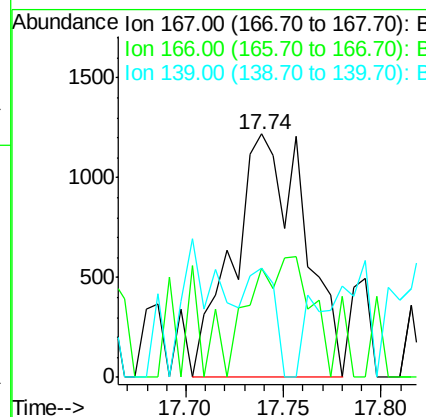
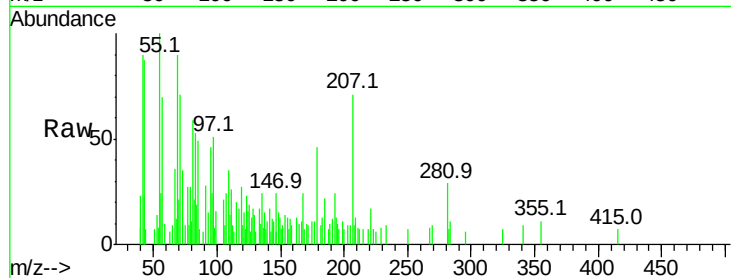




#72
 Carbazole
 Concen: 0.09 ng
 RT: 17.74 min Scan# 2491
 Delta R.T. -0.04 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

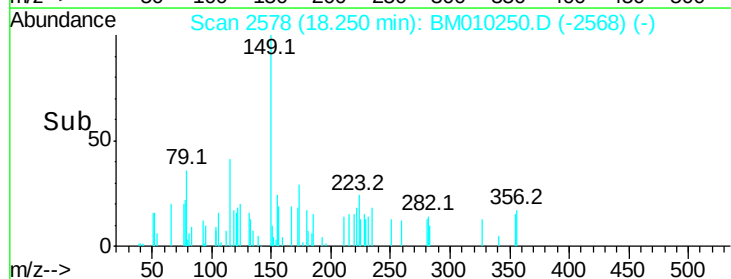
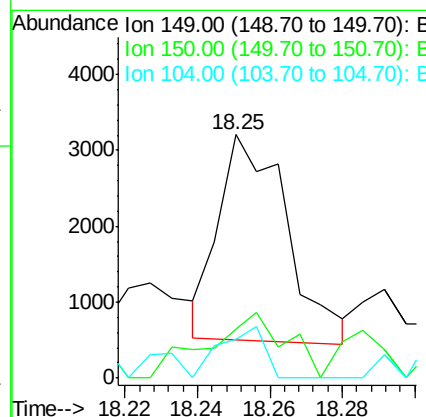
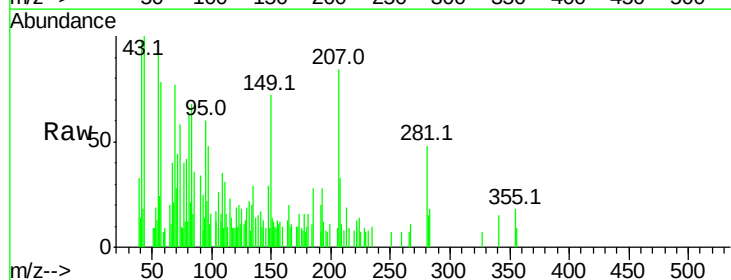
Instrument :
 BNA_M
 ClientSampleId :

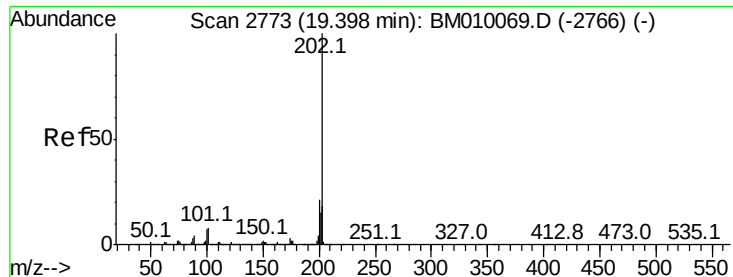
Tot Ion:167 Resp: 3081
 Ion Ratio Lower Upper
 167 100
 166 44.8 17.2 25.8#
 139 44.7 10.8 16.2#



#73
 Di-n-butylphthalate
 Concen: 0.09 ng
 RT: 18.25 min Scan# 2578
 Delta R.T. -0.04 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

Tgt Ion:149 Resp: 3523
 Ion Ratio Lower Upper
 149 100
 150 20.0 7.5 11.3#
 104 16.1 3.7 5.5#





#74

Fluoranthene

Concen: 0.07 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.04 min

Lab File: BM010250.D

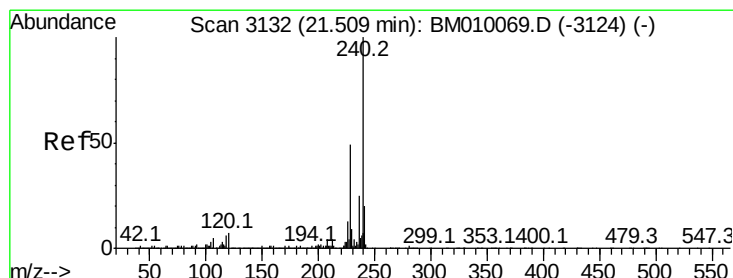
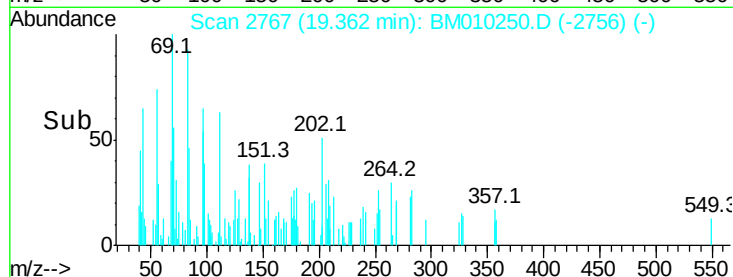
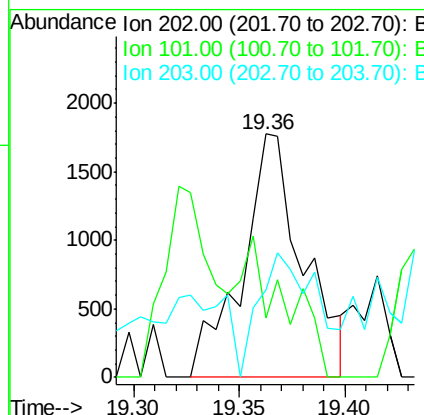
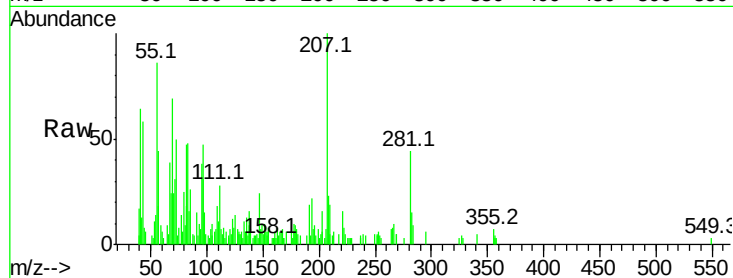
Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:	202	Resp:	3557
Ion	Ratio	Lower	Upper
202	100		
101	24.4	0.0	28.7
203	36.1	0.0	37.2



#75

Chrysene-d12

Concen: 20.00 ng

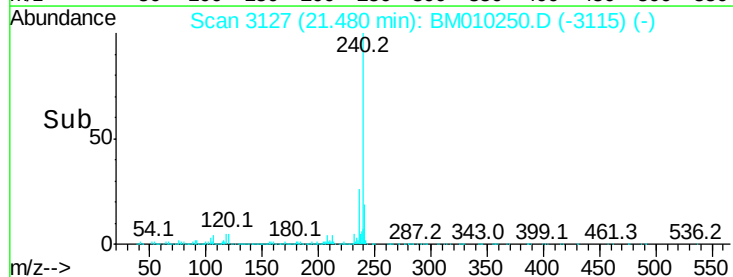
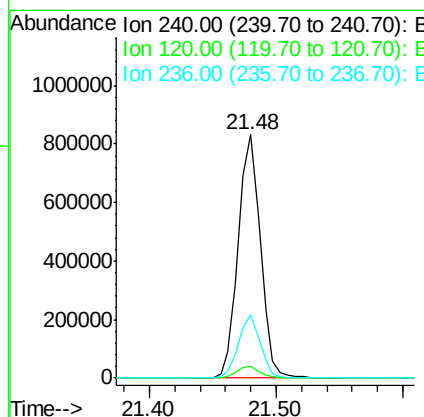
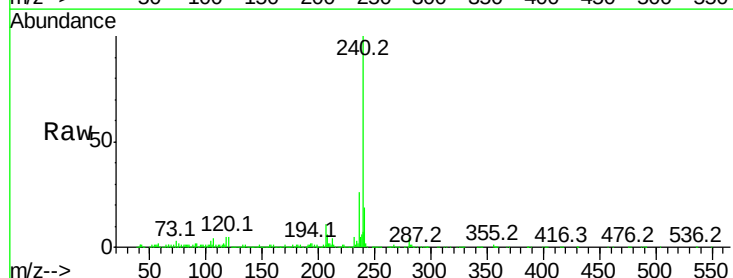
RT: 21.48 min Scan# 3127

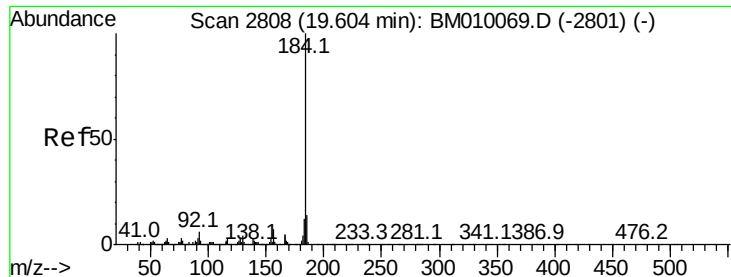
Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:	240	Resp:	1006473
Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	26.0	20.0	30.0





#76

Benzidine

Concen: 0.21 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.06 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

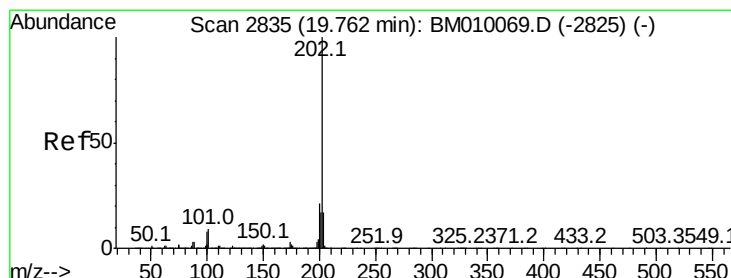
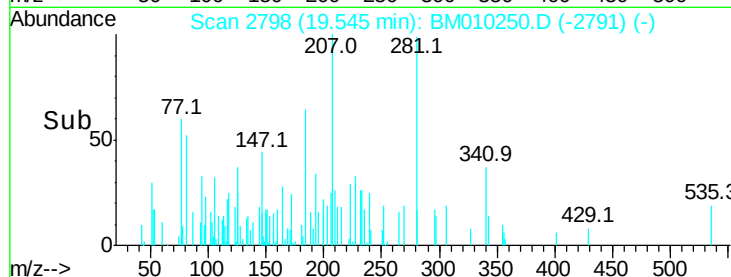
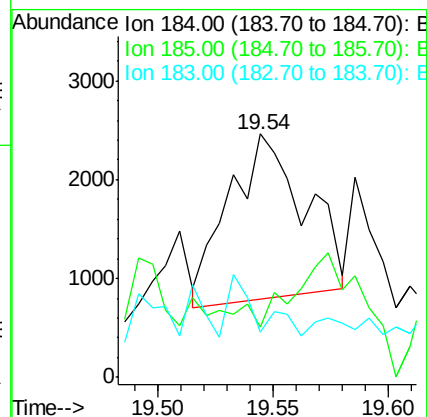
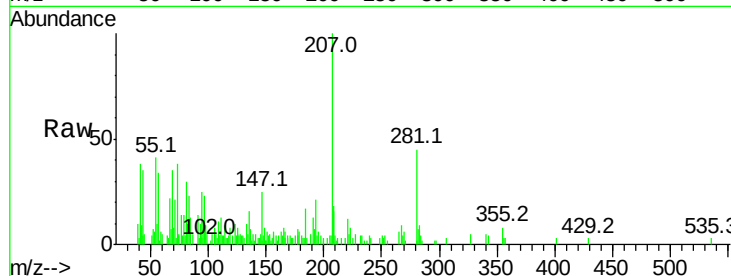
Tot Ion:184 Resp: 3836

Ion Ratio Lower Upper

184 100

185 20.5 11.3 16.9#

183 18.8 8.9 13.3#



#77

Pyrene

Concen: 0.05 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

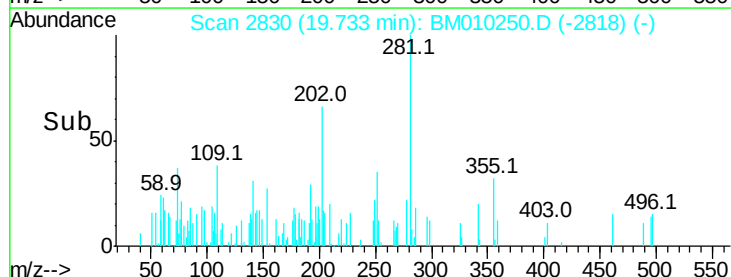
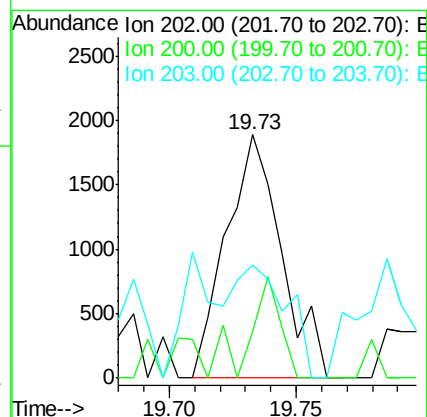
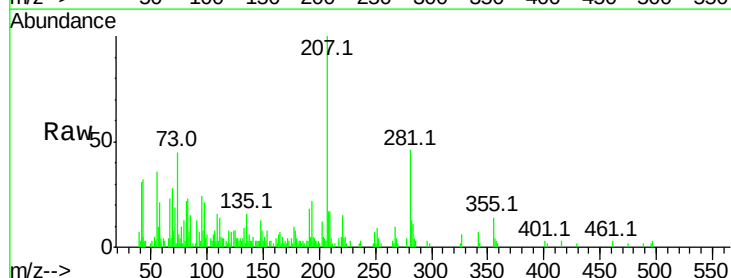
Tgt Ion:202 Resp: 2860

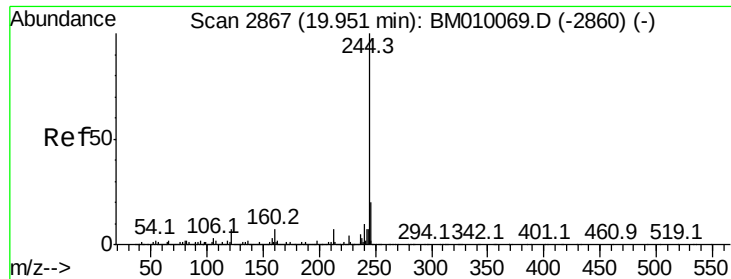
Ion Ratio Lower Upper

202 100

200 19.2 16.9 25.3

203 46.4 14.1 21.1#





#78

Terphenyl-d14

Concen: 95.13 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

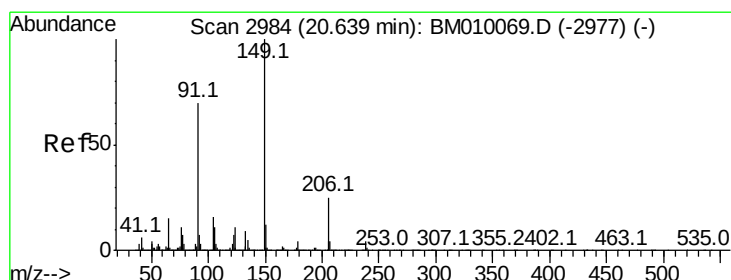
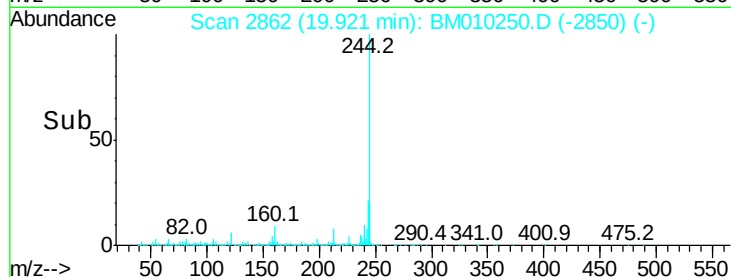
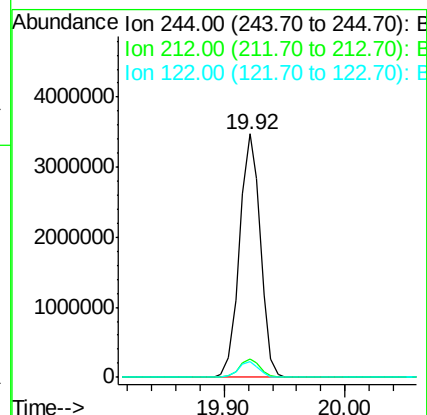
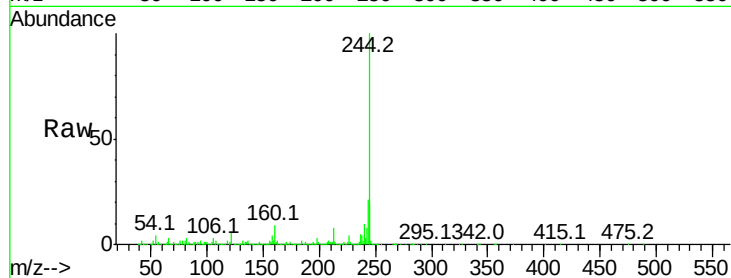
Tot Ion:244 Resp: 4210801

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.5 6.2 9.4



#79

Butylbenzylphthalate

Concen: 0.09 ng

RT: 20.60 min Scan# 2977

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

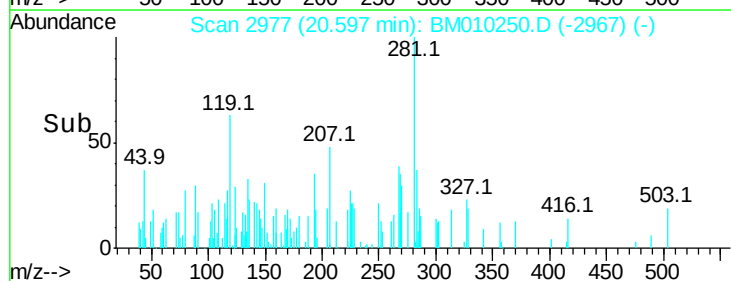
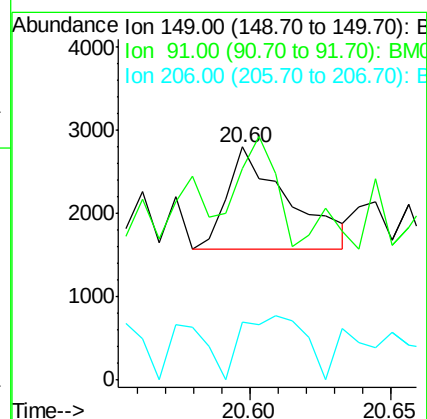
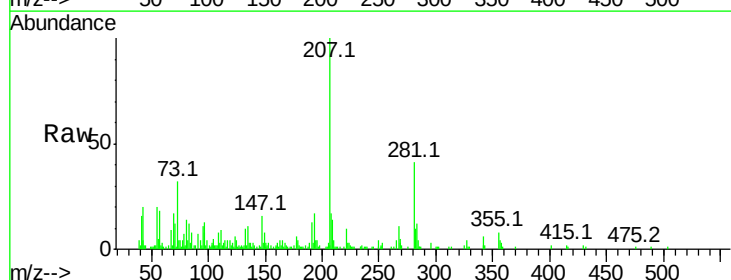
Tgt Ion:149 Resp: 1859

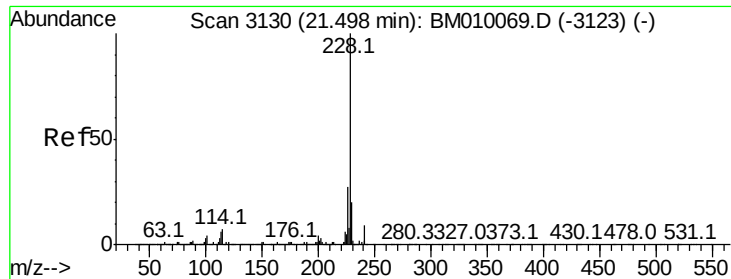
Ion Ratio Lower Upper

149 100

91 91.0 50.1 75.1#

206 25.1 16.2 24.2#

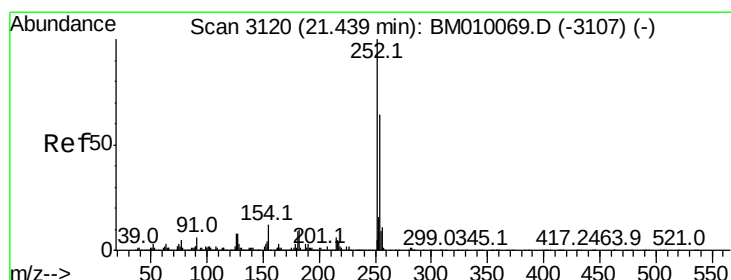
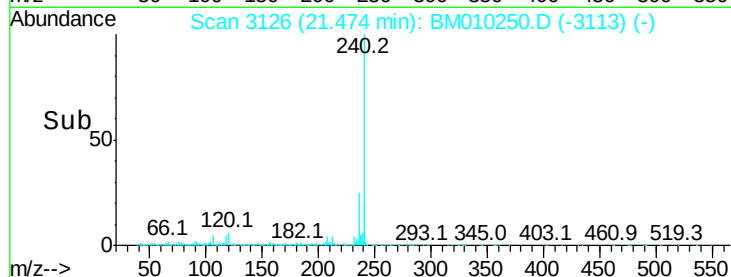
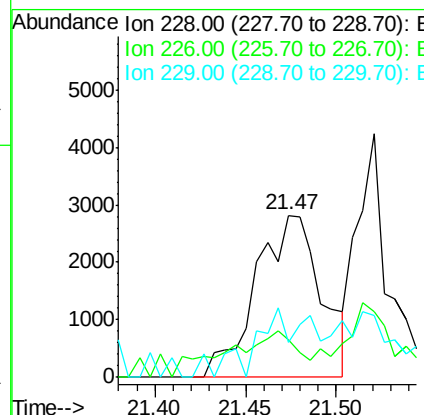
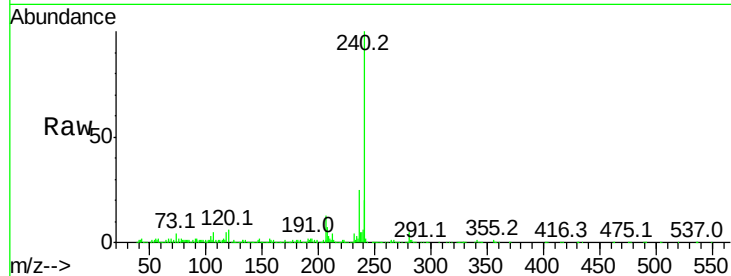




#80
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

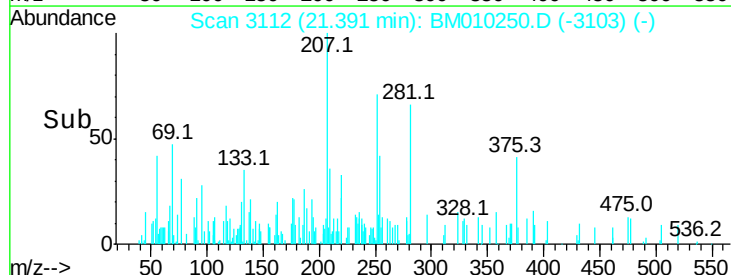
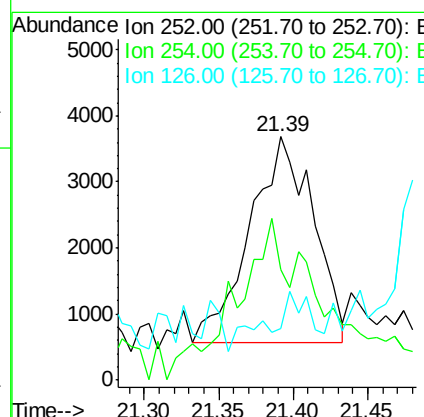
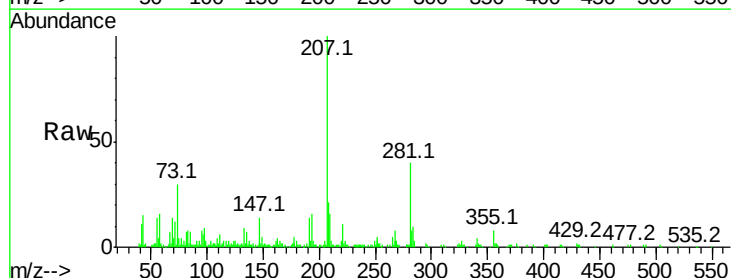
Instrument :
BNA_M
ClientSampleId :

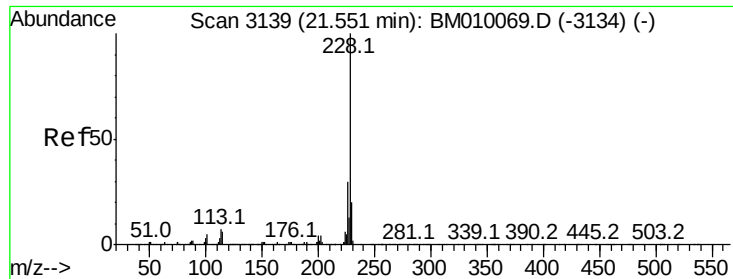
Tot Ion:228 Resp: 7084
Ion Ratio Lower Upper
228 100
226 23.5 21.7 32.5
229 21.5 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 0.41 ng
RT: 21.39 min Scan# 3112
Delta R.T. -0.05 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion:252 Resp: 9219
Ion Ratio Lower Upper
252 100
254 45.6 51.9 77.9#
126 21.2 9.8 14.8#





#82

Chrysene

Concen: 0.10 ng

RT: 21.52 min Scan# 3134

Delta R.T. -0.03 min

Lab File: BM010250.D

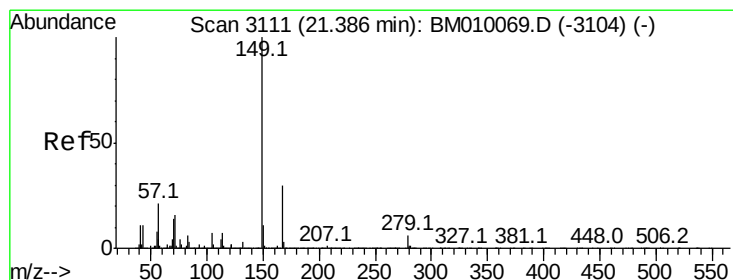
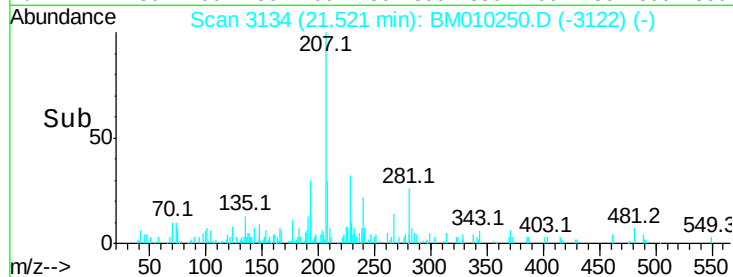
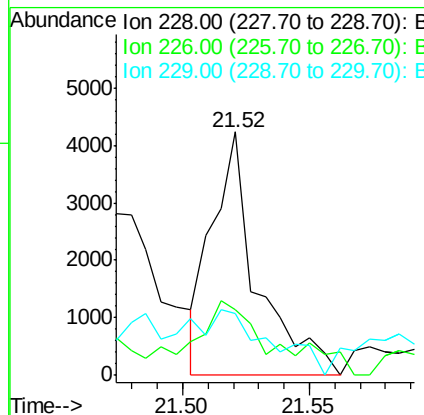
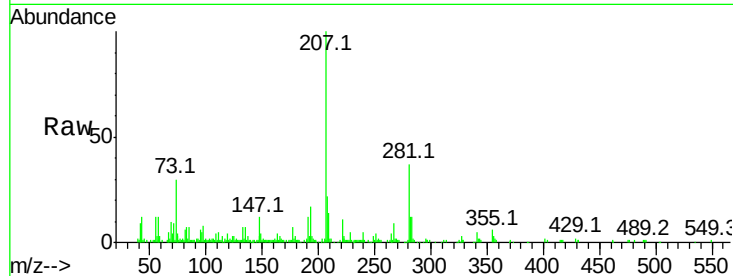
Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	5267
Ion	Ratio	Lower Upper
228	100	
226	26.9	24.1 36.1
229	25.6	15.5 23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

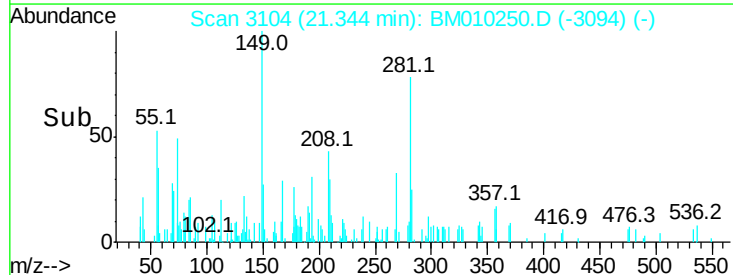
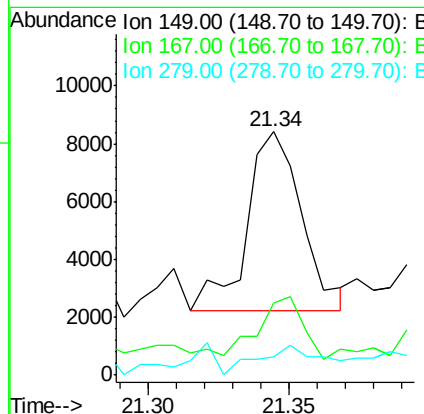
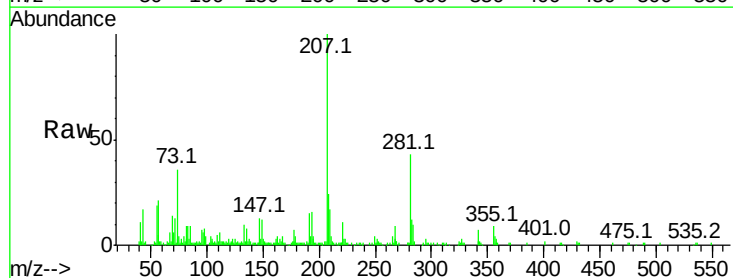
RT: 21.34 min Scan# 3104

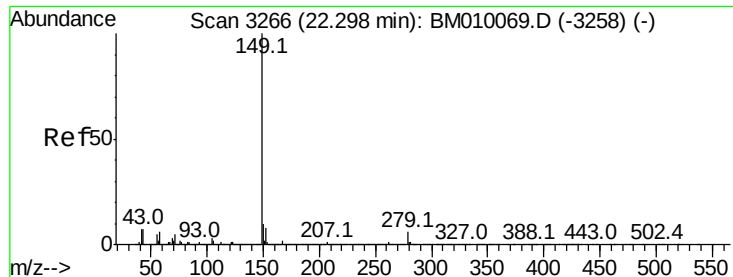
Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:149	Resp:	8338
Ion	Ratio	Lower Upper
149	100	
167	29.7	22.4 33.6
279	7.3	3.4 5.0#





#84

Di-n-octyl phthalate

Concen: 0.15 ng

RT: 22.29 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BM010250.D

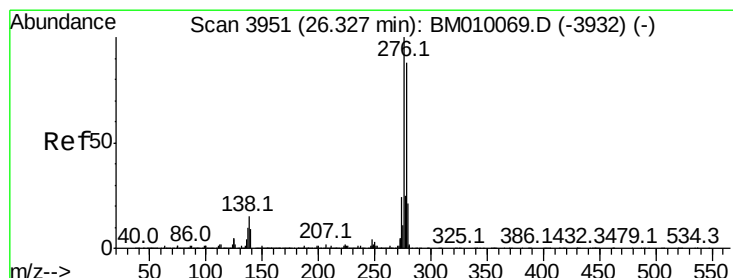
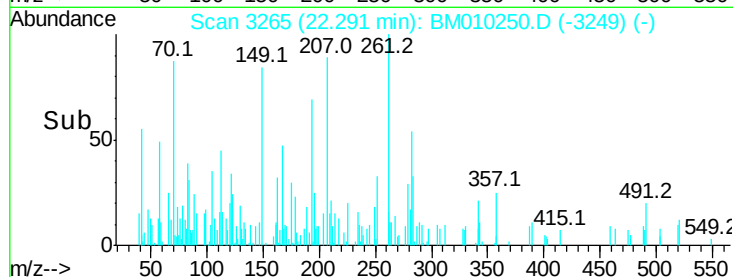
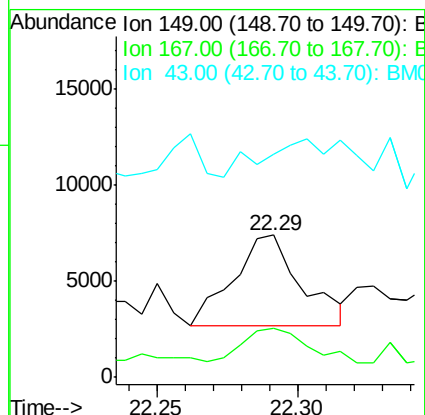
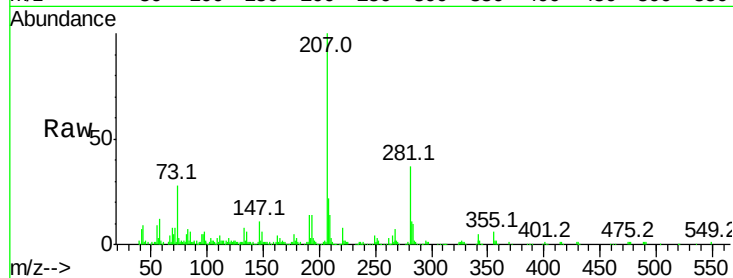
Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:149	Resp:	7885
Ion Ratio	Lower	Upper
149 100		
167 36.9	1.2	1.8#
43 52.6	7.3	10.9#



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng

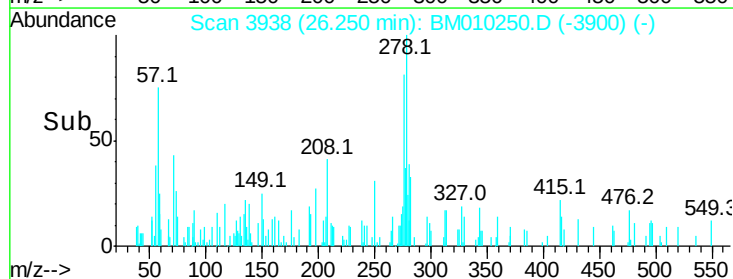
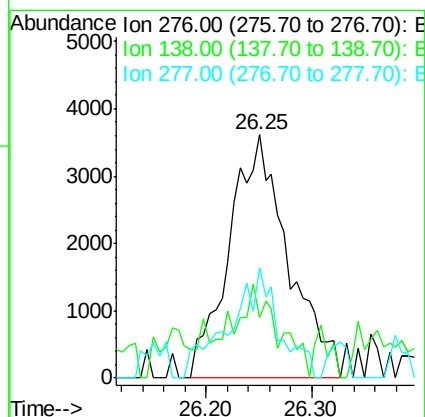
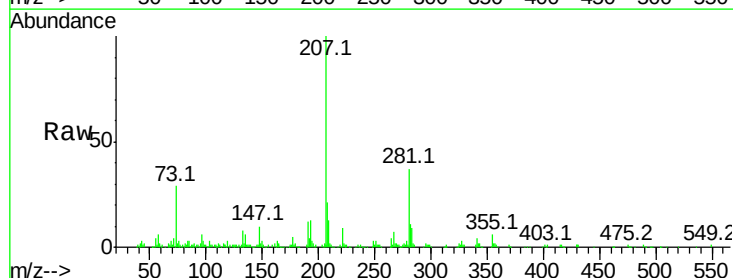
RT: 26.25 min Scan# 3938

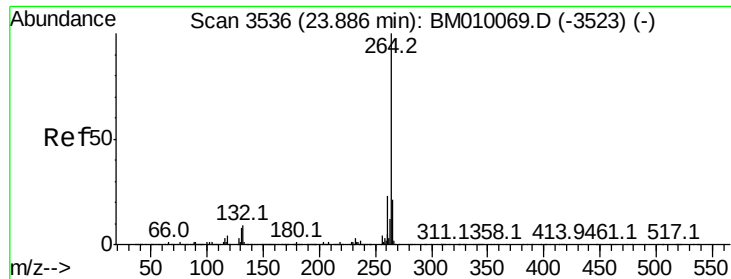
Delta R.T. -0.08 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:276	Resp:	14009
Ion Ratio	Lower	Upper
276 100		
138 22.6	0.0	0.0#
277 38.0	0.0	0.0#



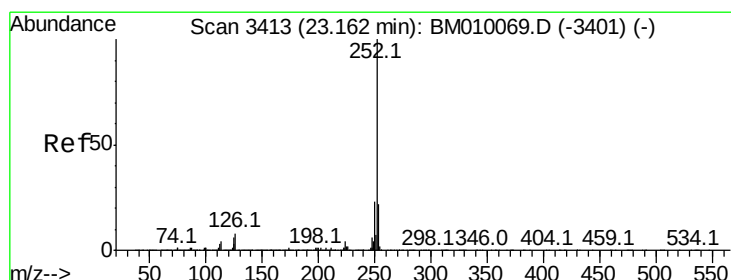
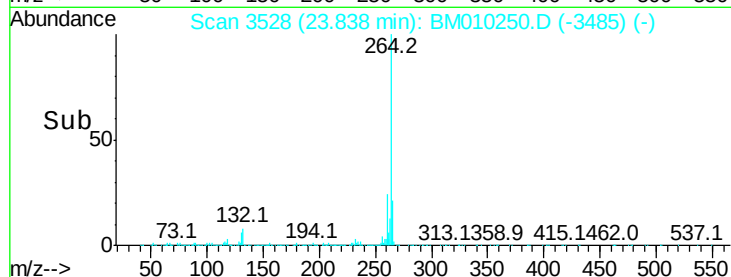
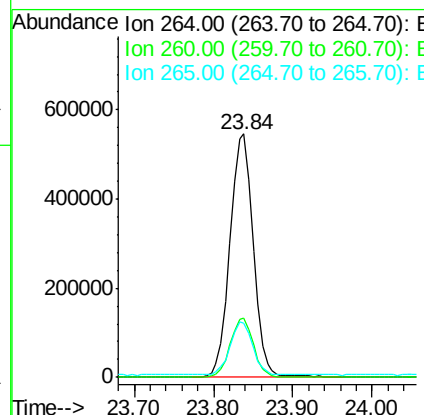
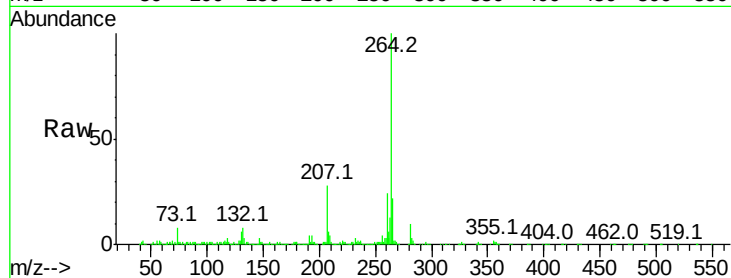


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1114351

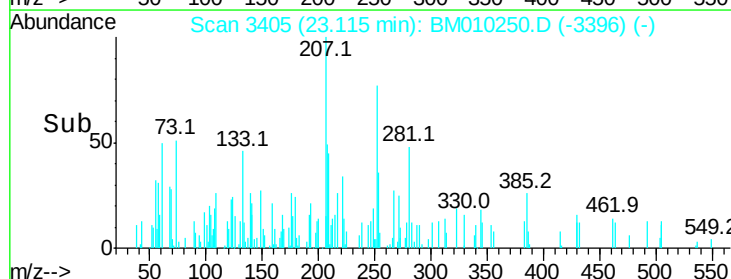
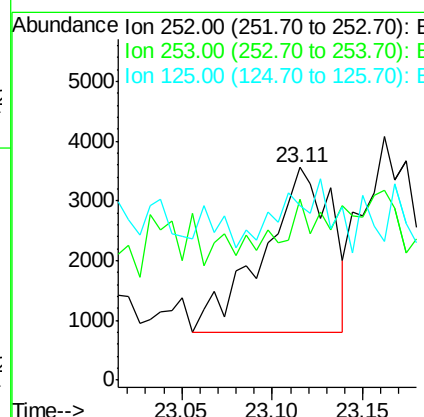
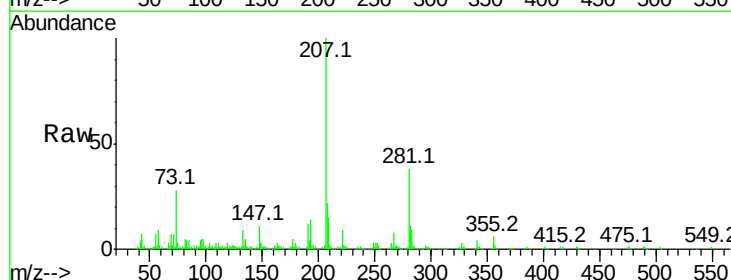
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.1	17.3	25.9

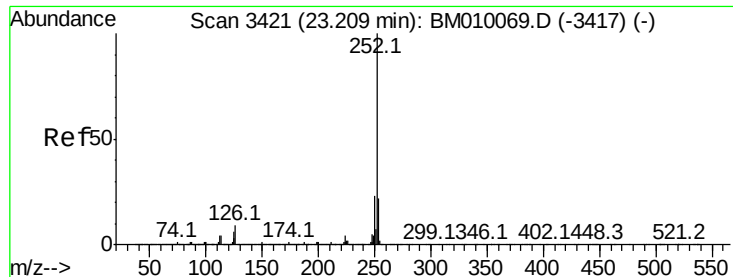


#87
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.11 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BM010250.D
Acq: 26 May 2017 10:59

Tgt Ion:252 Resp: 7271

Ion	Ratio	Lower	Upper
252	100		
253	85.1	18.0	27.0#
125	82.3	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 0.06 ng

RT: 23.16 min Scan# 3413

Delta R.T. -0.05 min

Lab File: BM010250.D

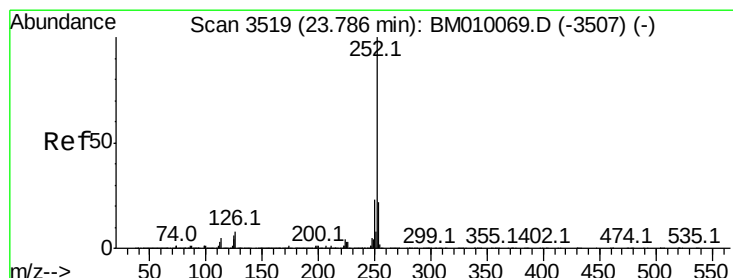
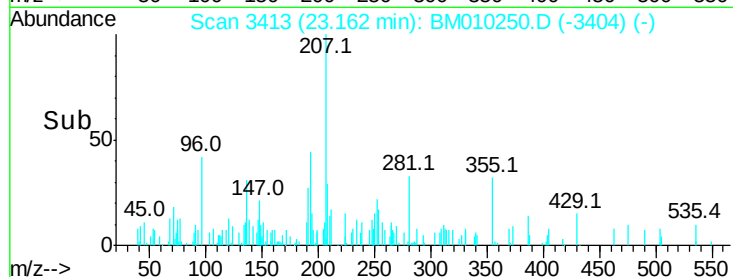
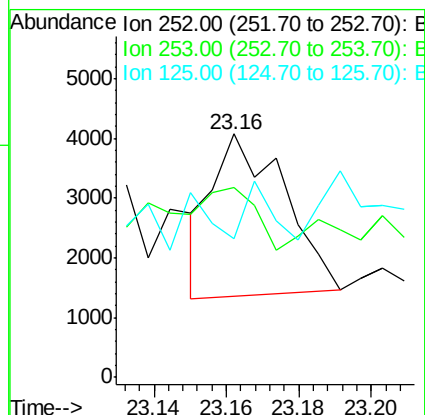
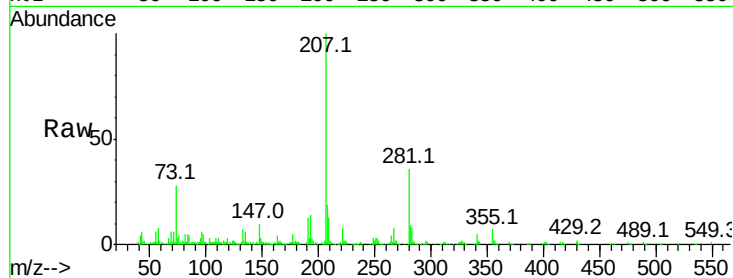
Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	3748
Ion	Ratio	Lower	Upper
252	100		
253	78.1	17.2	25.8#
125	56.9	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 0.04 ng

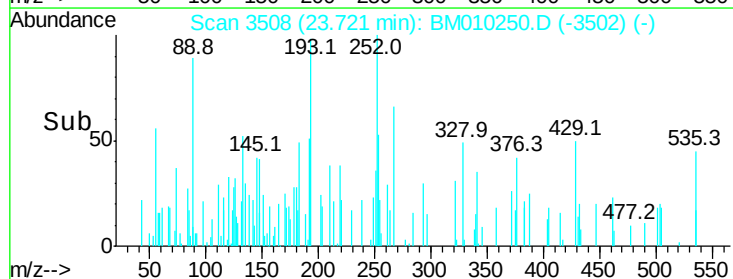
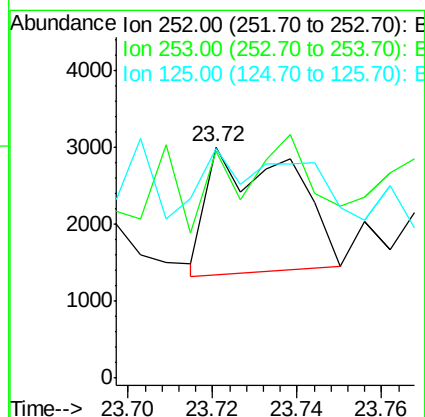
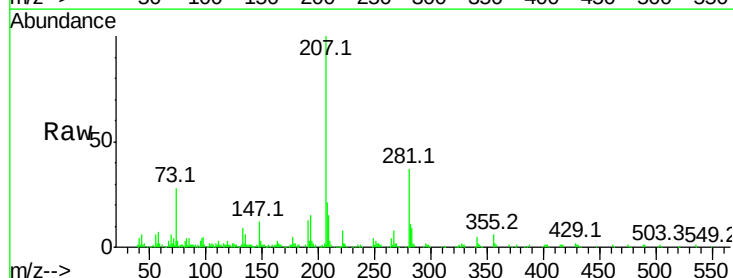
RT: 23.72 min Scan# 3508

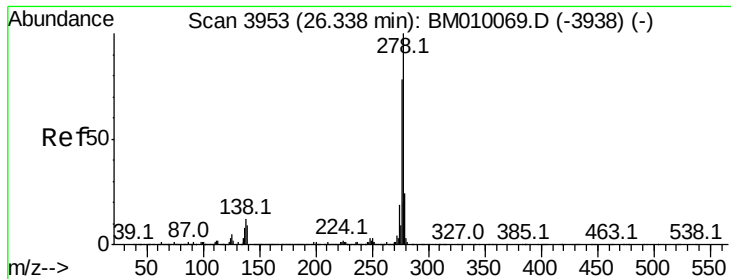
Delta R.T. -0.06 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:	252	Resp:	2274
Ion	Ratio	Lower	Upper
252	100		
253	97.9	17.6	26.4#
125	99.2	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.17 ng

RT: 26.25 min Scan# 3938

Delta R.T. -0.09 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampled :

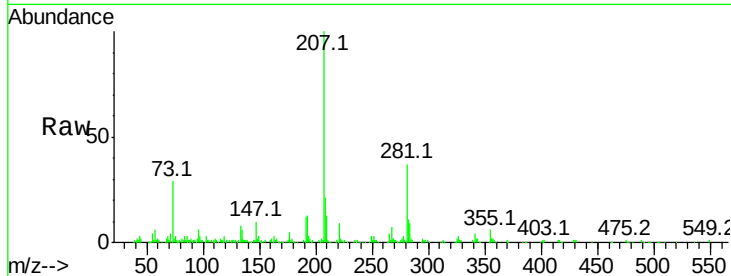
Tot Ion:278 Resp: 12090

Ion Ratio Lower Upper

278 100

139 21.7 13.4 20.0#

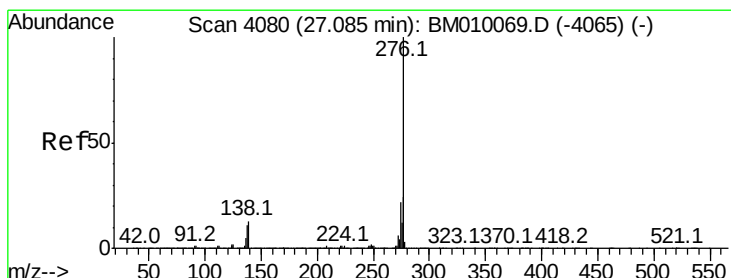
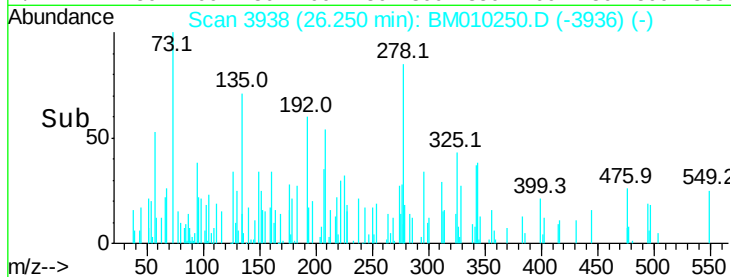
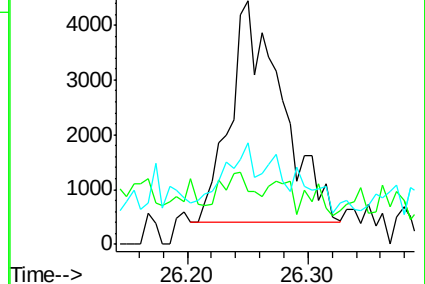
279 41.5 19.0 28.4#



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(g,h,i)perylene

Concen: 0.07 ng

RT: 26.99 min Scan# 4064

Delta R.T. -0.09 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

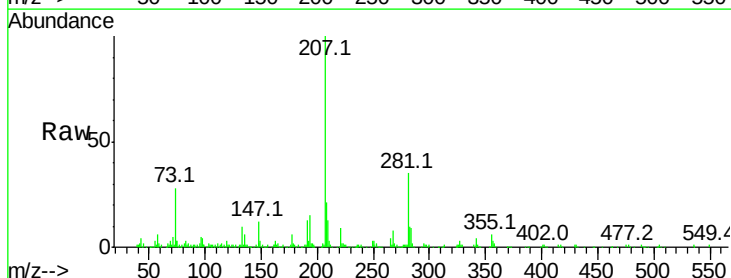
Tgt Ion:276 Resp: 4836

Ion Ratio Lower Upper

276 100

277 45.1 18.5 27.7#

138 33.5 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

