

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010252.D
 Acq On : 26 May 2017 12:11
 Operator : SJ/MA
 Sample : I3332-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:28:41 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	113837	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	384935	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	245800	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	618991	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	947437	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1053292	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	630086	99.95	ng	-0.03
7) Phenol-d6	7.13	99	760969	93.81	ng	-0.04
23) Nitrobenzene-d5	9.13	82	514862	72.16	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	359999	96.43	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1041074	54.45	ng	-0.04
78) Terphenyl-d14	19.92	244	1977765	47.47	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	156	0.05	ng	# 100
3) Pyridine	3.89	79	120	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	625	0.22	ng	# 1
9) Benzaldehyde	7.13	77	3098	0.61	ng	# 2
10) Phenol	7.16	94	13048	1.53	ng	# 92
15) Benzyl Alcohol	8.26	79	10978	1.79	ng	# 27
16) 2,2'-oxybis(1-Chloropropan	8.51	45	125	0.02	ng	# 66
22) Acetophenone	8.80	105	117	0.01	ng	# 52
24) Nitrobenzene	9.21	77	111	0.02	ng	# 42
45) 1,1'-Biphenyl	13.41	154	1411	0.07	ng	# 76
49) Dimethylphthalate	14.03	163	380325	17.35	ng	# 98
51) Acenaphthene	14.58	154	1164	0.08	ng	# 5
59) Diethylphthalate	15.38	149	1060	0.05	ng	# 80
62) Azobenzene	15.89	77	394	0.03	ng	# 50
70) Phenanthrene	17.36	178	973	0.03	ng	# 60
71) Anthracene	17.46	178	282	0.01	ng	# 61
73) Di-n-butylphthalate	18.26	149	1998	0.06	ng	# 78
74) Fluoranthene	19.37	202	2205	0.05	ng	# 66
76) Benzidine	19.54	184	270	0.02	ng	# 13
77) Pvrene	19.73	202	1171	0.02	ng	# 57
79) Butylbenzylphthalate	20.60	149	545	0.03	ng	# 92
80) Benzo(a)anthracene	21.48	228	5316	0.10	ng	# 90
81) 3,3'-Dichlorobenzidine	21.40	252	703	0.03	ng	# 73
82) Chrysene	21.52	228	3358	0.07	ng	# 93
83) Bis(2-ethylhexyl)phthalate	21.34	149	2603	0.09	ng	# 93
84) Di-n-octyl phthalate	22.30	149	4612	0.09	ng	# 73
85) Indeno(1,2,3-cd)pyrene	26.31	276	381	0.01	ng	# 100
87) Benzo(b)fluoranthene	23.12	252	2997	0.05	ng	# 10
88) Benzo(k)fluoranthene	23.16	252	3657	0.06	ng	# 20
89) Benzo(a)pyrene	23.73	252	1292	0.02	ng	# 1
90) Dibenzo(a,h)anthracene	26.26	278	5495	0.08	ng	# 56
91) Benzo(a,h,i)perylene	27.03	276	246	0.00	ng	# 55

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Response via : Initial Calibration

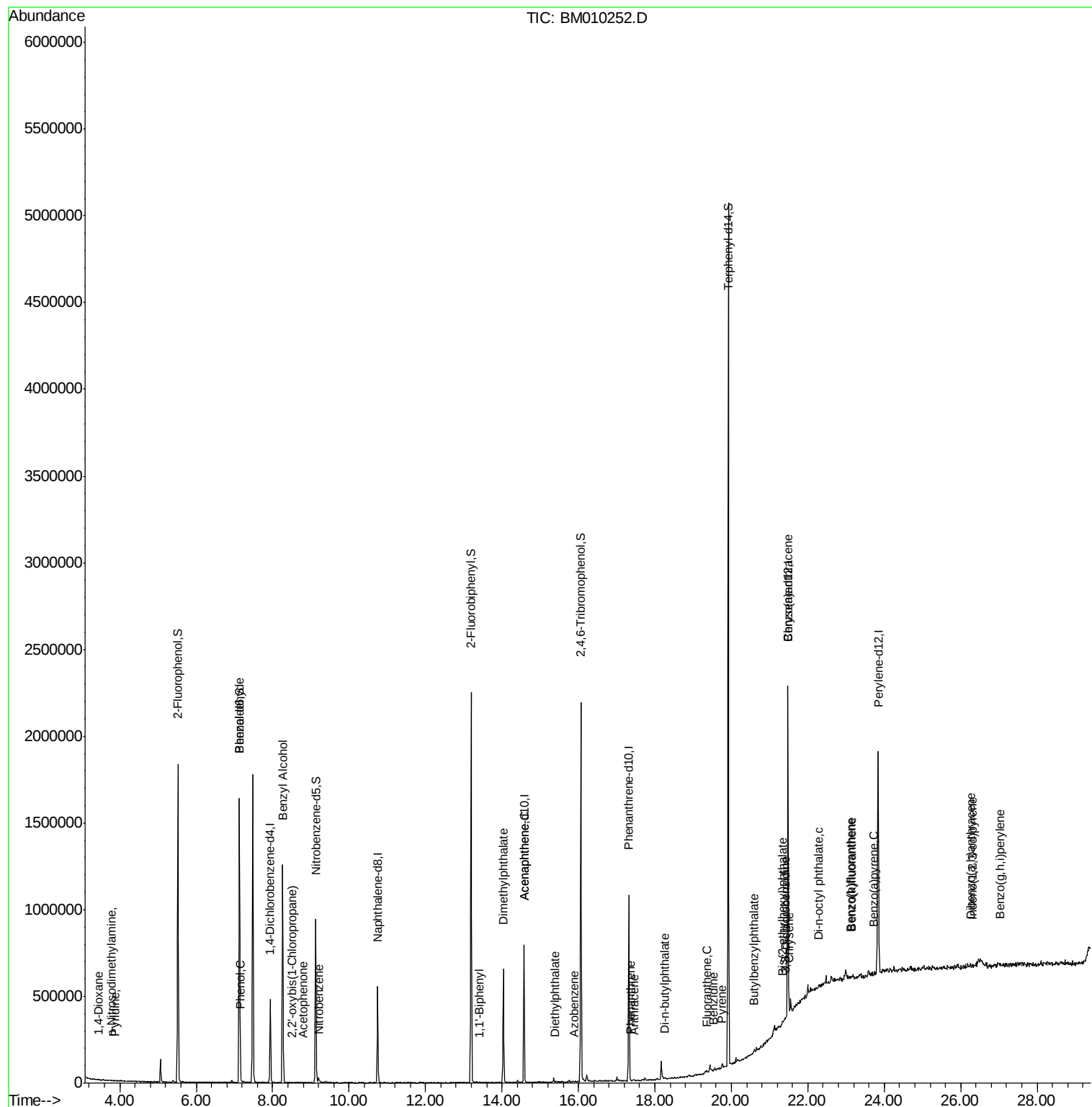
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

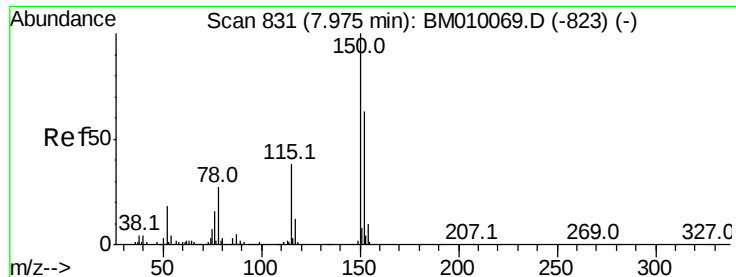
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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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: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

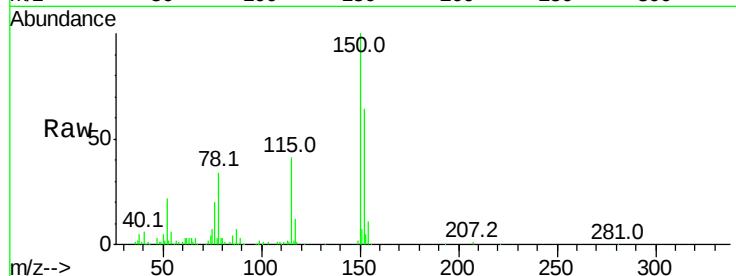
Tot Ion:152 Resp: 113837

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

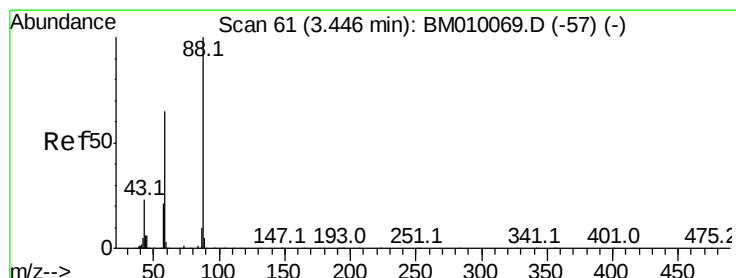
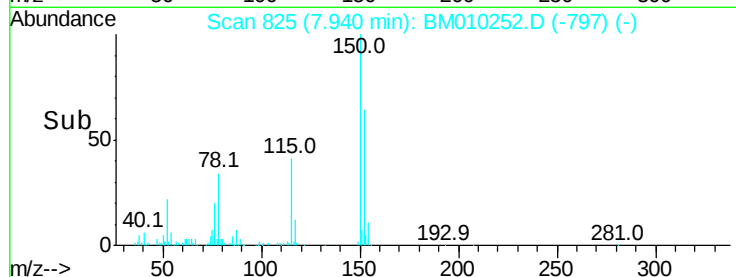
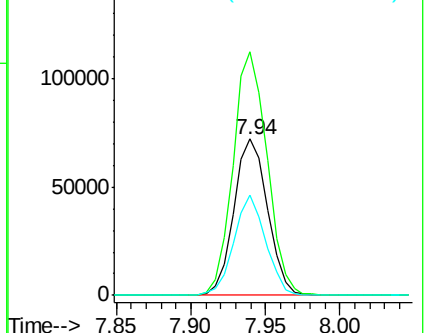
115 64.3 43.0 64.4



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: 0.05 ng

RT: 3.45 min Scan# 62

Delta R.T. 0.01 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

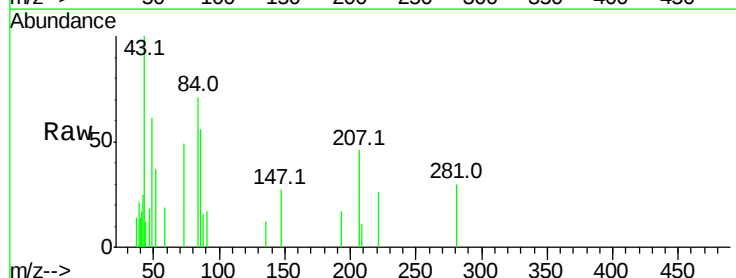
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

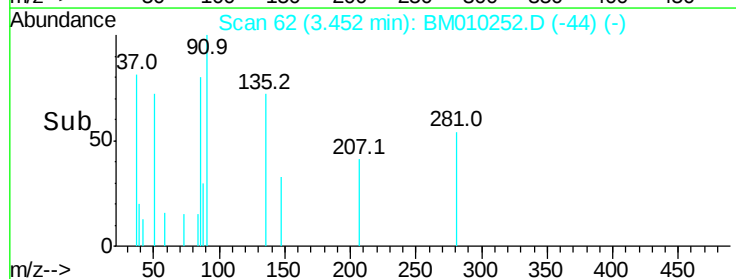
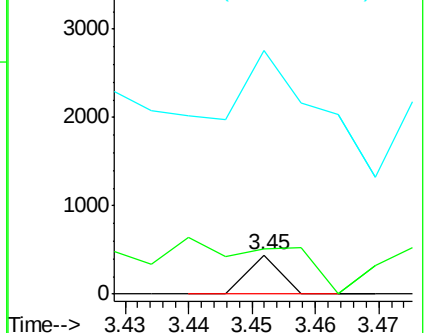
43 676.9 0.0 0.0#

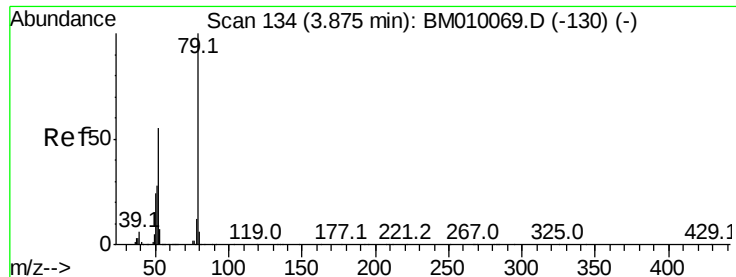


Abundance Ion 88.00 (87.70 to 88.70): BM0

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: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampled :

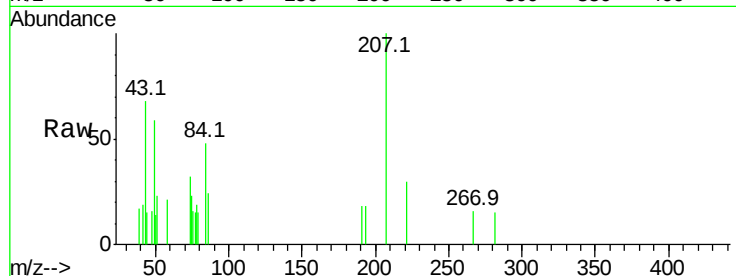
Tot Ion: 79 Resp: 120

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 149.6 26.1 39.1#

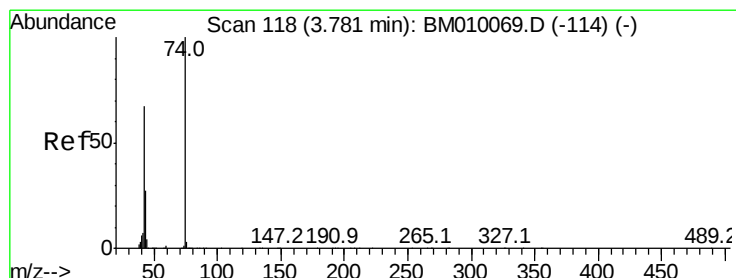
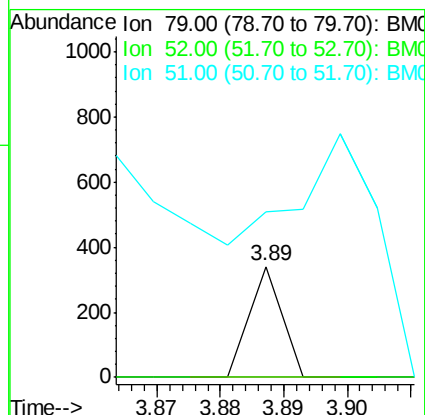
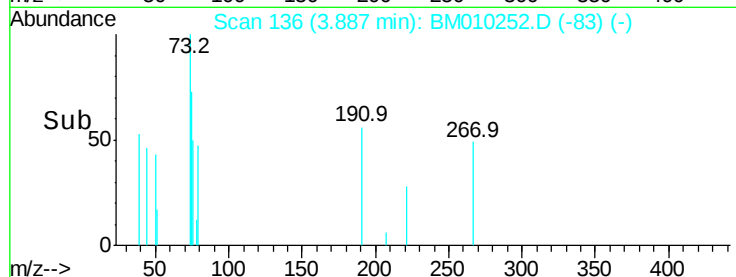


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

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

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

Time-->



#4

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

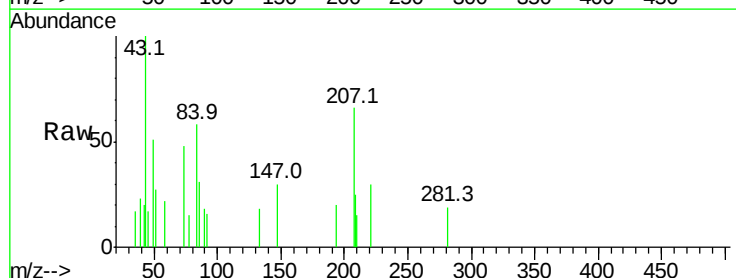
Tgt Ion: 42 Resp: 625

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 0.0 5.4 8.2#

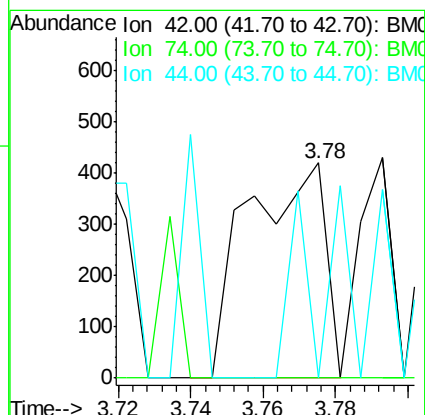
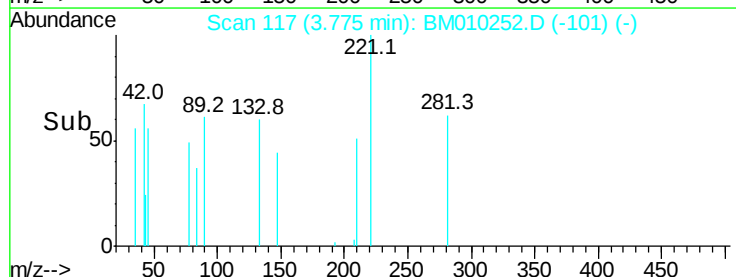


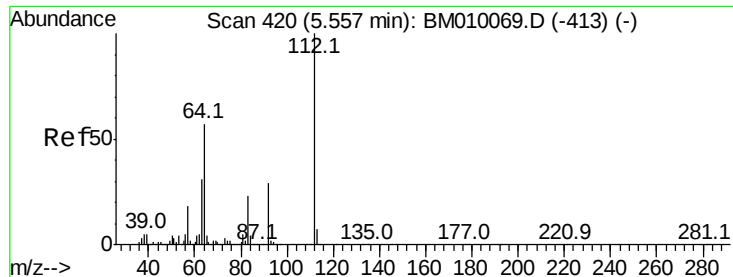
Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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

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

Time-->





#5

2-Fluorophenol

Concen: 99.95 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampled :

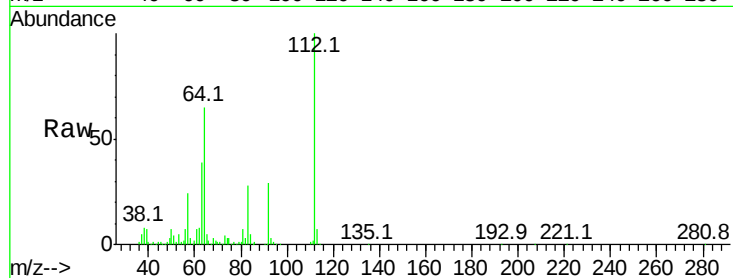
Tot Ion:112 Resp: 630086

Ion Ratio Lower Upper

112 100

64 65.3 38.6 57.8#

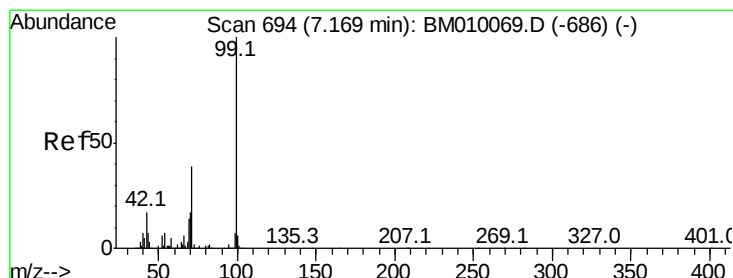
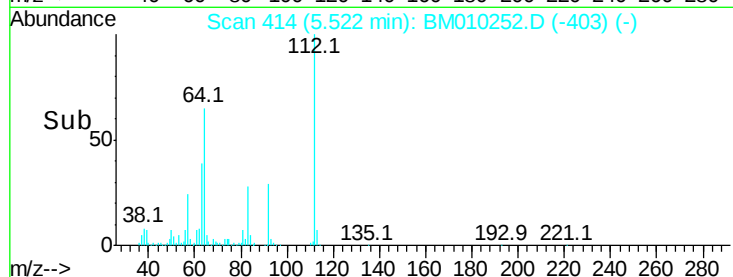
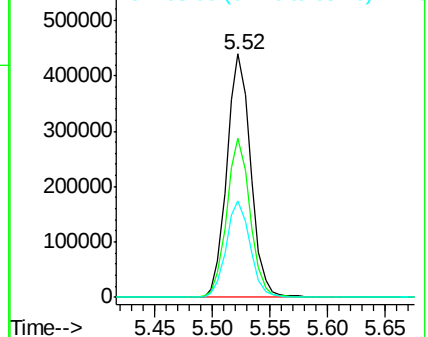
63 39.5 19.3 28.9#



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: 93.81 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

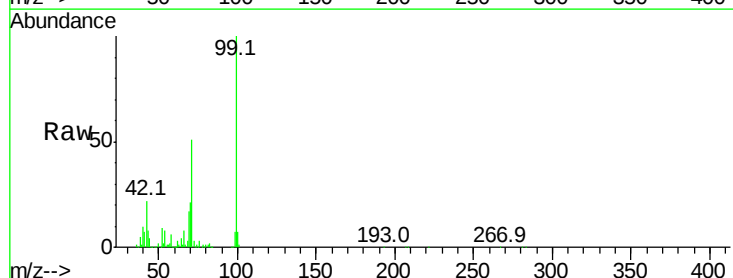
Tgt Ion: 99 Resp: 760969

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

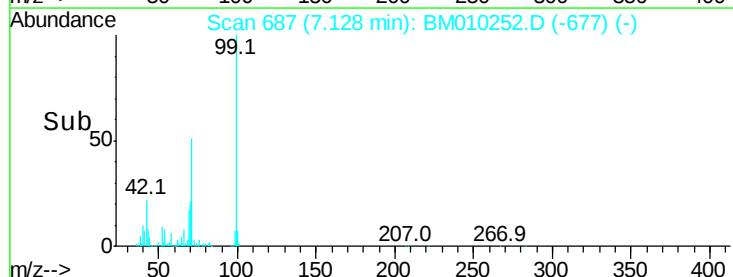
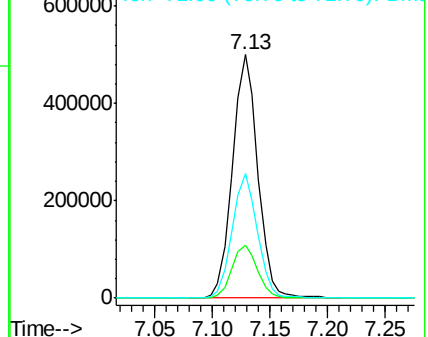
71 51.4 23.4 35.2#

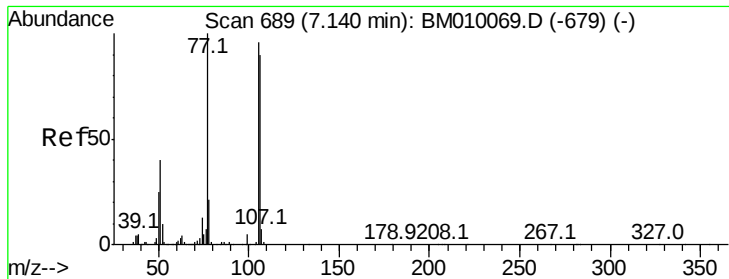


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.61 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

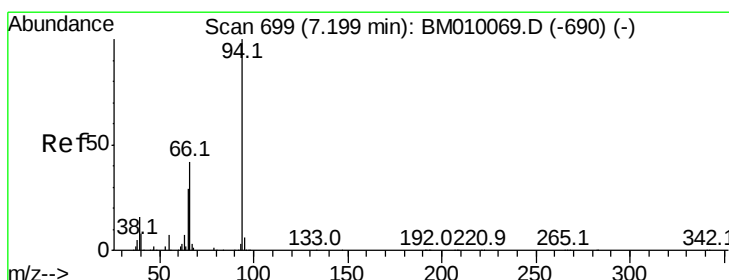
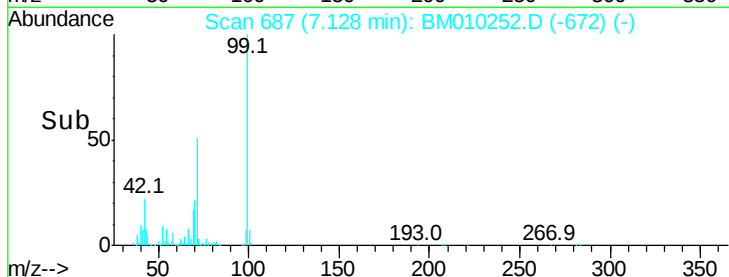
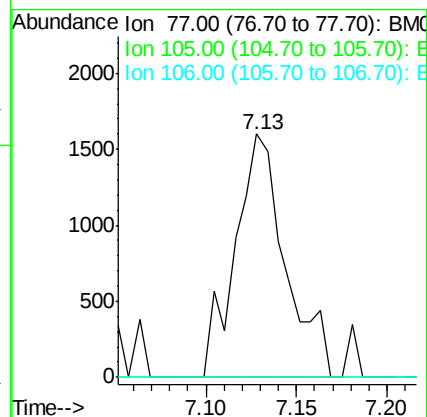
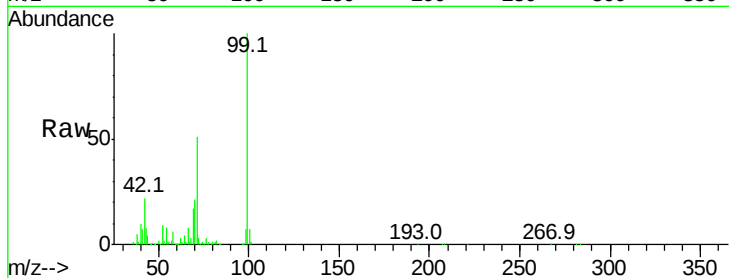
Tot Ion: 77 Resp: 3098

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 1.53 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

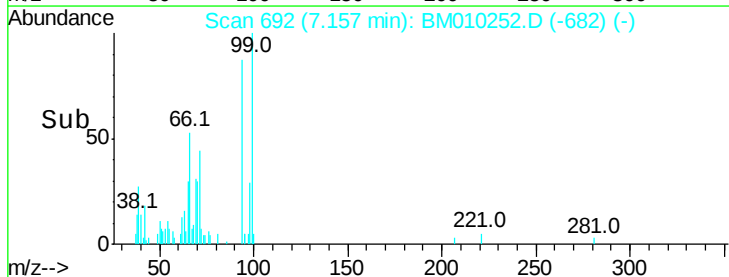
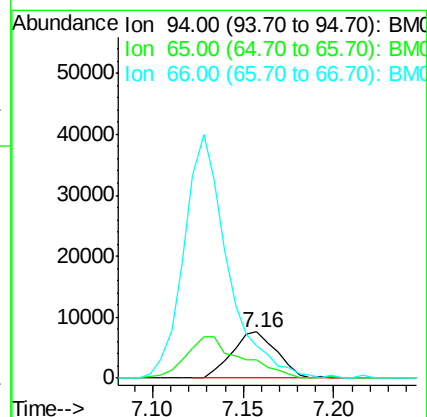
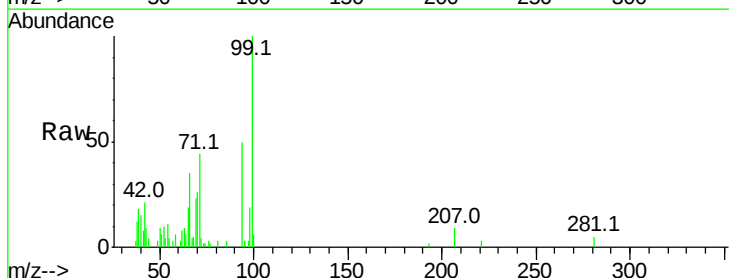
Tgt Ion: 94 Resp: 13048

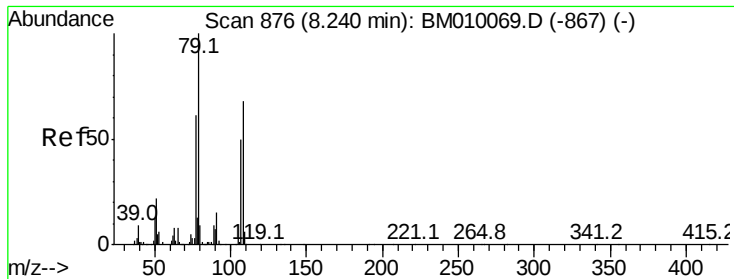
Ion Ratio Lower Upper

94 100

65 39.0 18.8 58.8

66 69.9 39.9 79.9





#15

Benzyl Alcohol

Concen: 1.79 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.02 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampled :

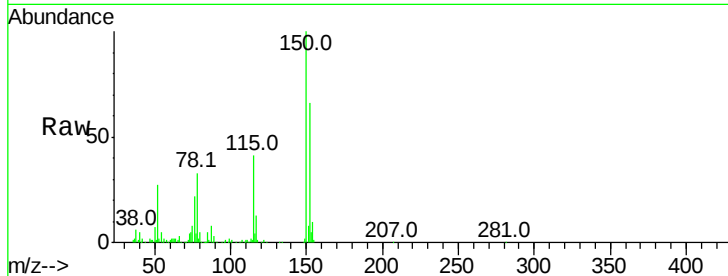
Tot Ion: 79 Resp: 10978

Ion Ratio Lower Upper

79 100

108 40.2 65.0 97.4#

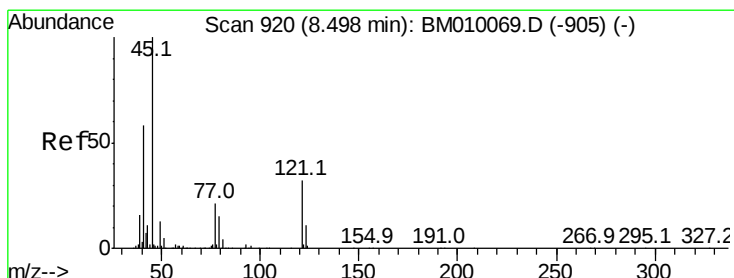
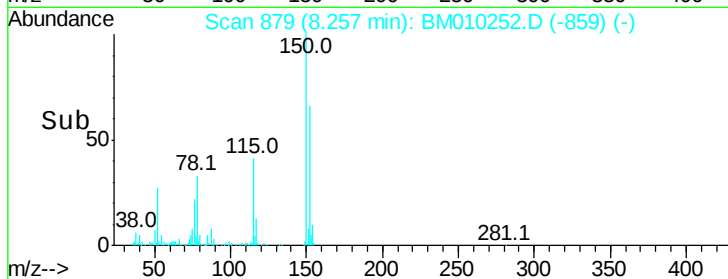
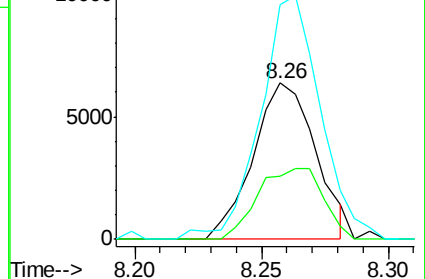
77 150.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

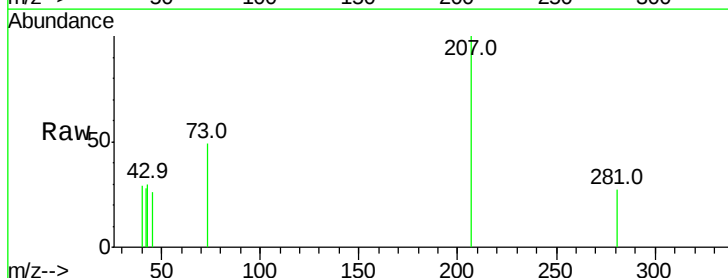
Tgt Ion: 45 Resp: 125

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

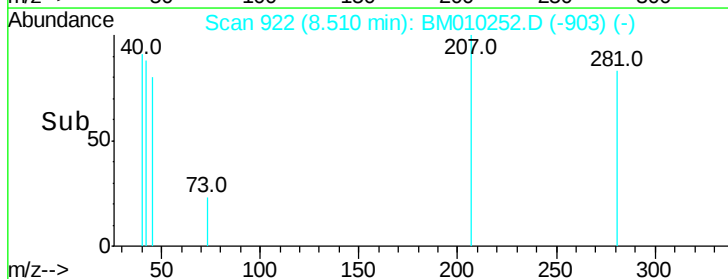
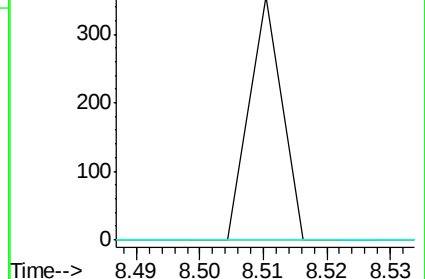
79 0.0 0.0 32.0

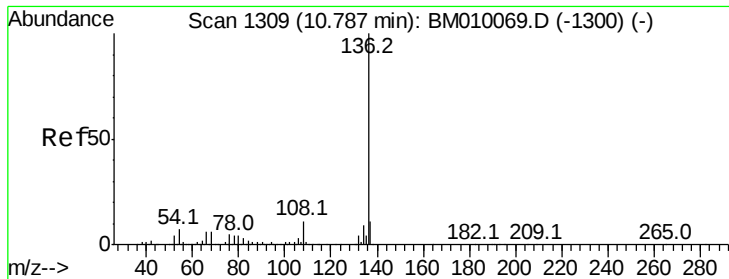


Abundance Ion 45.00 (44.70 to 45.70): BM010069.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM010069.D (-905) (-)

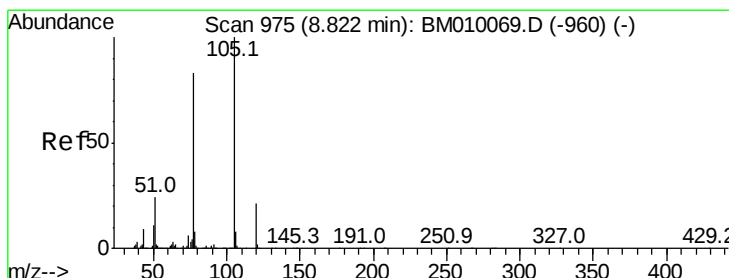
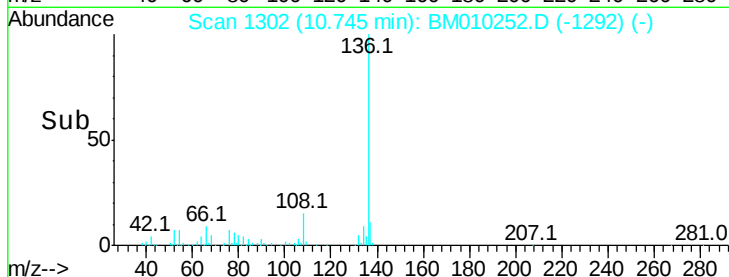
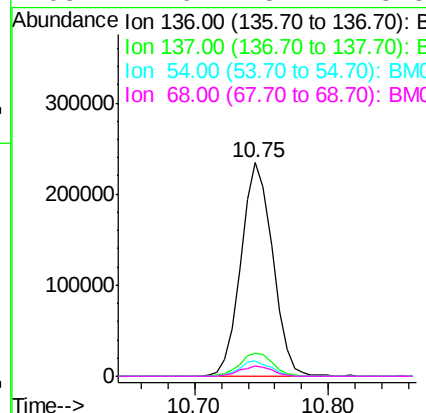
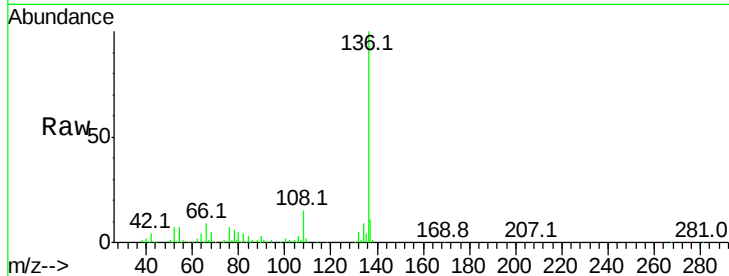




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

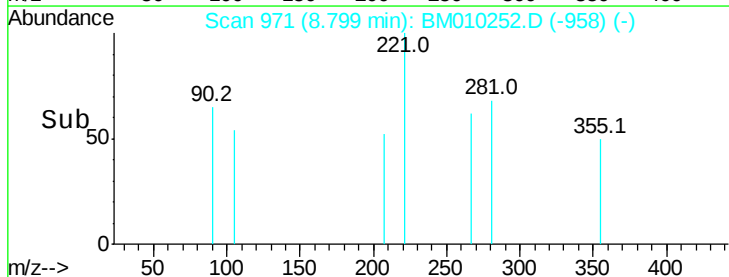
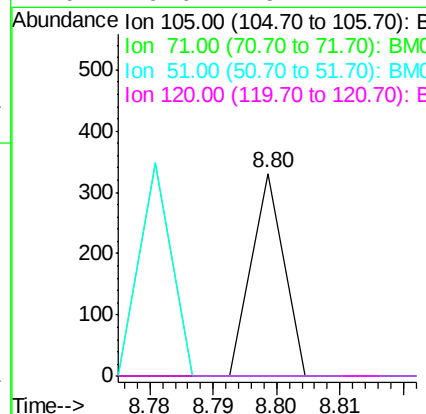
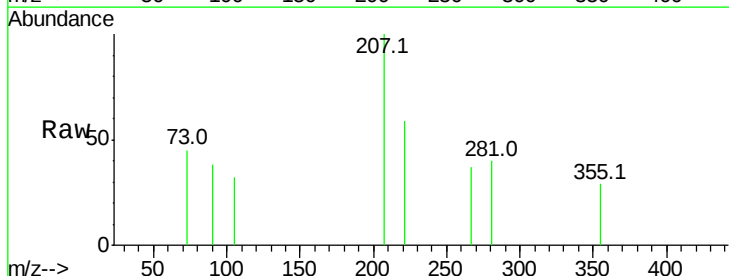
Instrument :
BNA_M
ClientSampleId :

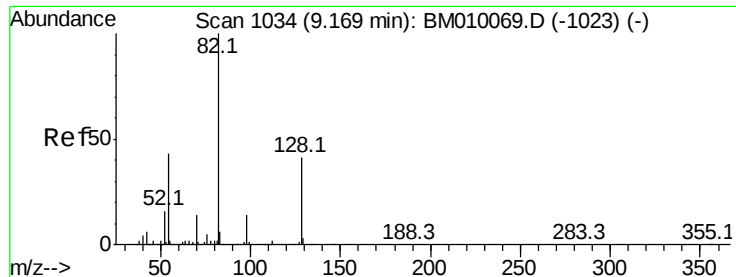
Tot Ion:136	Resp:	384935
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	7.2	4.6 6.8#
68	4.6	3.7 5.5



#22
Acetophenone
Concen: 0.01 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion:105	Resp:	117
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#

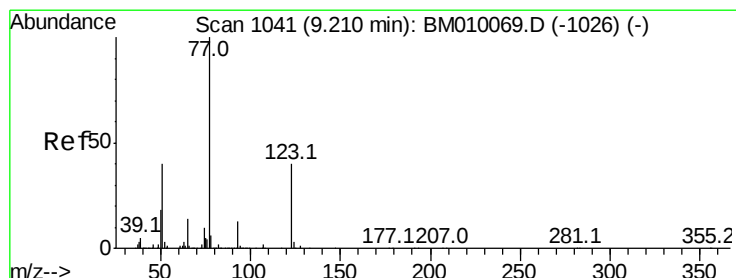
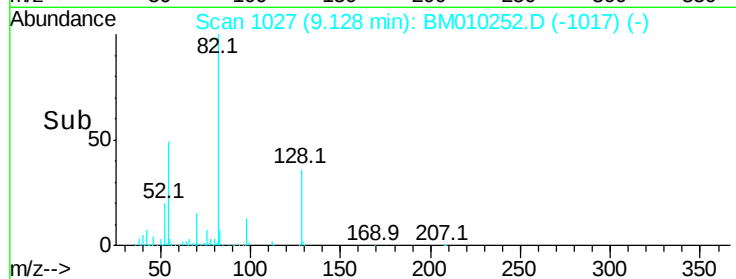
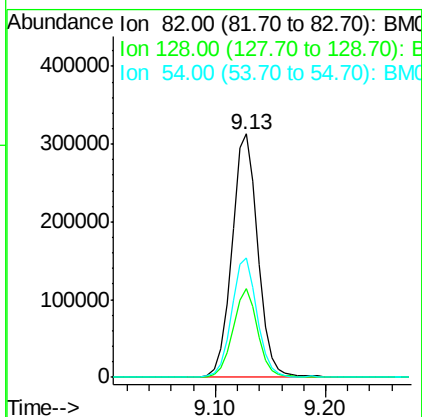
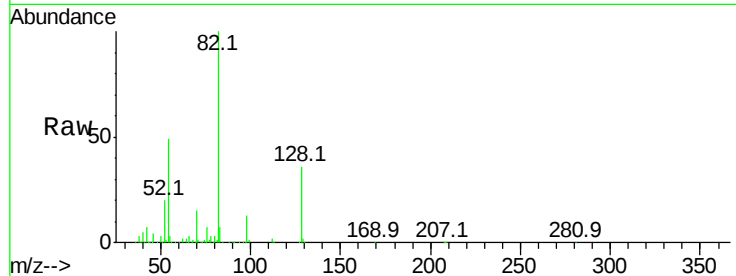




#23
Nitrobenzene-d5
Concen: 72.16 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

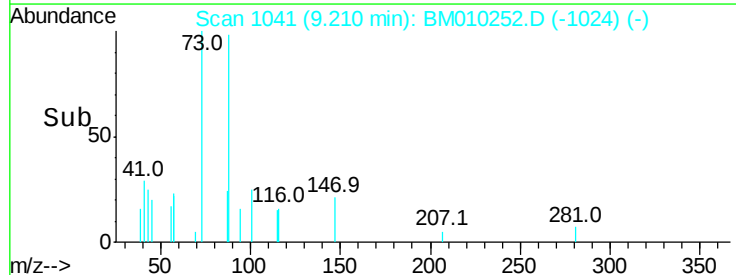
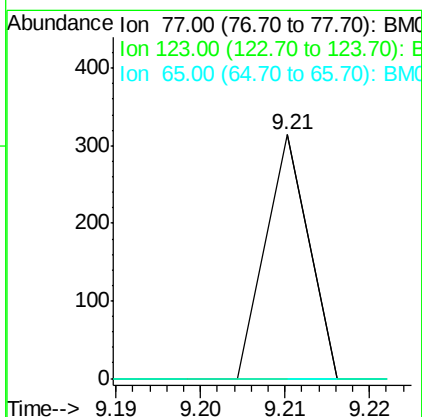
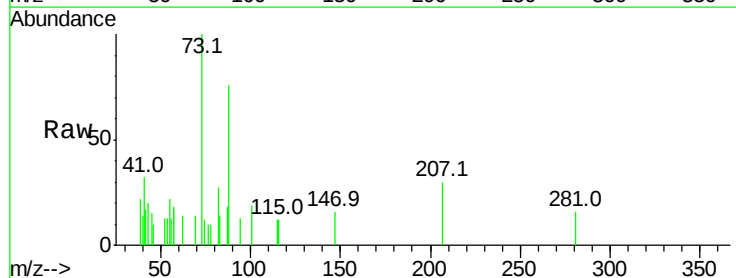
Instrument :
BNA_M
ClientSampleId :

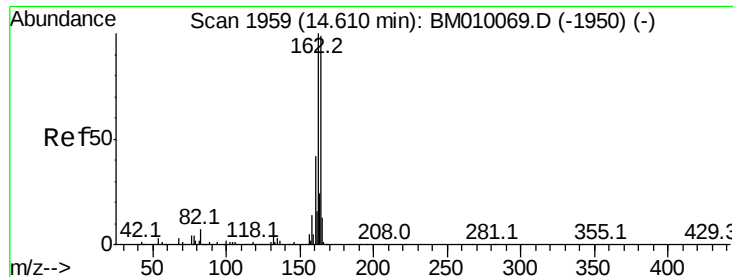
Tot Ion	82	Resp	514862
Ion Ratio	100	Lower	Upper
128	36.3	32.8	49.2
54	48.8	40.6	60.8



#24
Nitrobenzene
Concen: 0.02 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion	77	Resp	111
Ion Ratio	100	Lower	Upper
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

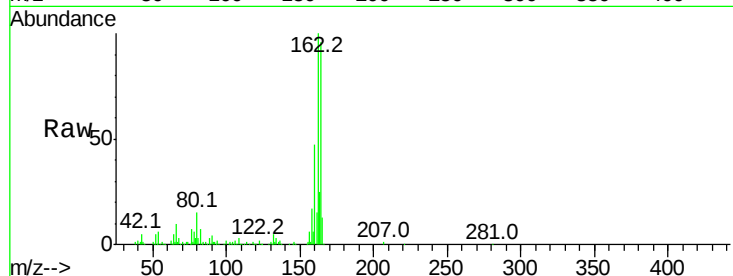
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 245800

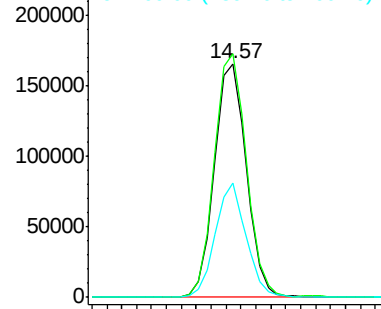
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	49.0	35.8	53.6



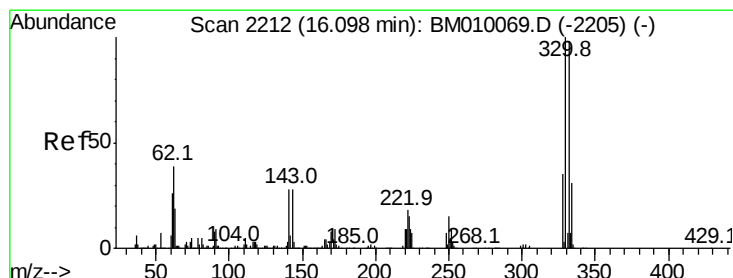
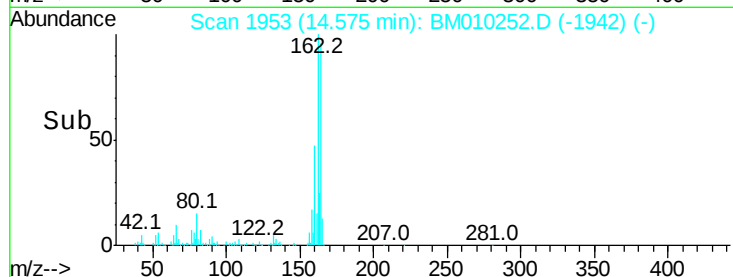
Abundance Ion 164.00 (163.70 to 164.70): E

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: 96.43 ng

RT: 16.06 min Scan# 2206

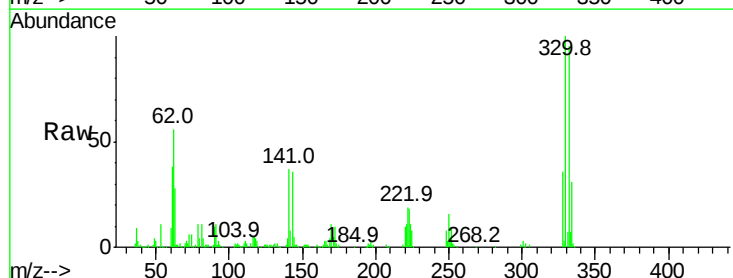
Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:330 Resp: 359999

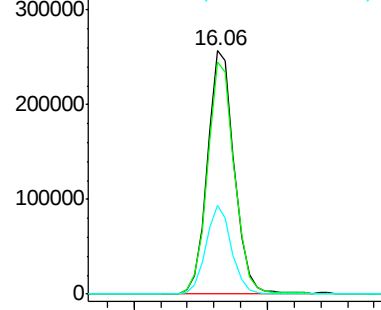
Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	35.1	0.0	0.0#



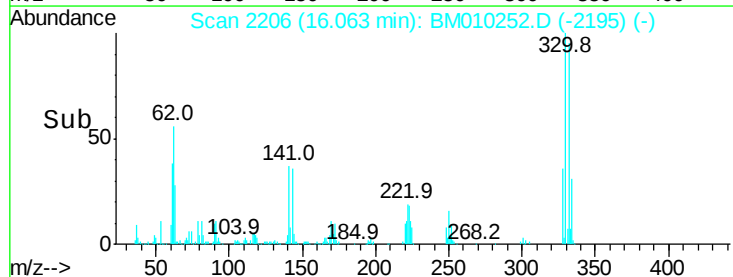
Abundance Ion 329.80 (329.50 to 330.50): E

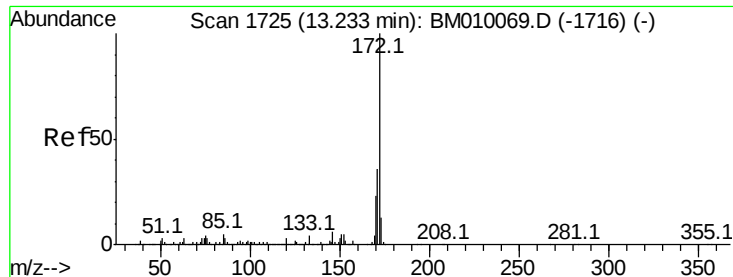
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#44

2-Fluorobiphenyl

Concen: 54.45 ng

RT: 13.19 min Scan# 1718

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

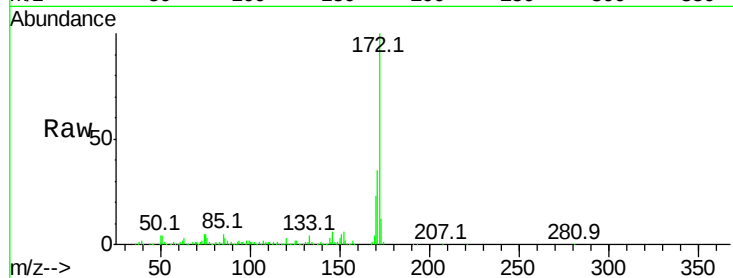
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 1041074

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.9	18.8	28.2

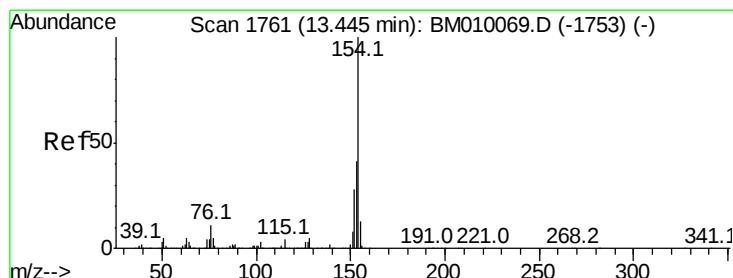
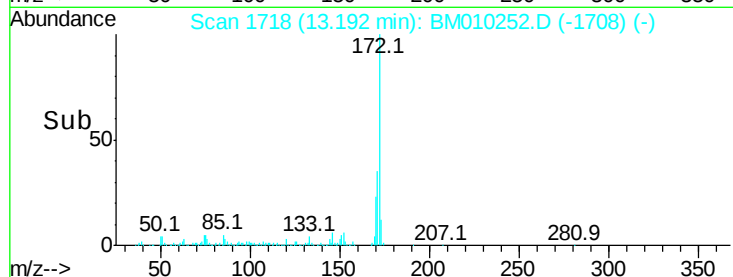
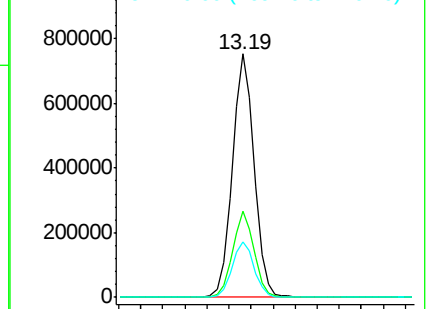


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.07 ng

RT: 13.41 min Scan# 1755

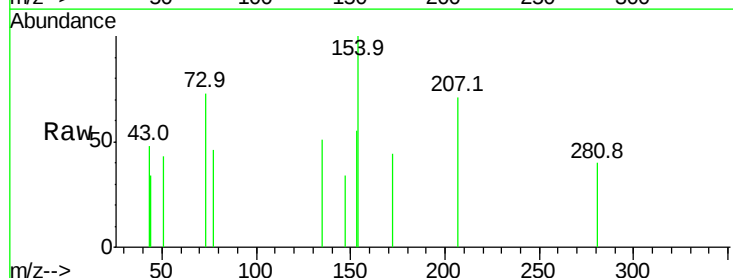
Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:154 Resp: 1411

Ion	Ratio	Lower	Upper
154	100		
153	54.5	20.7	60.7
76	0.0	0.0	30.9

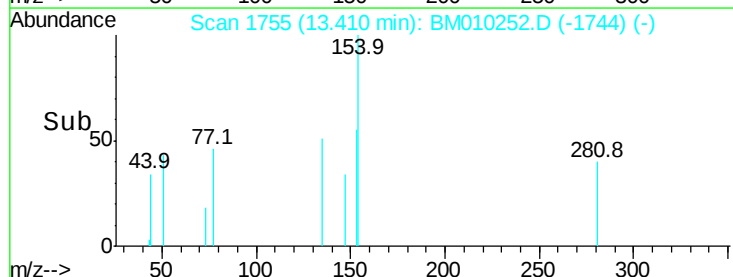
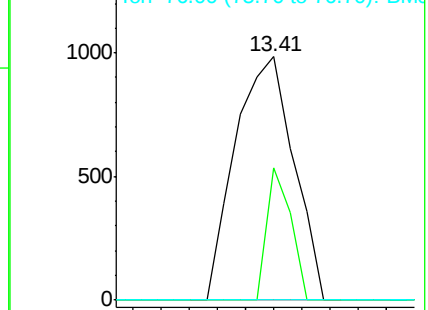


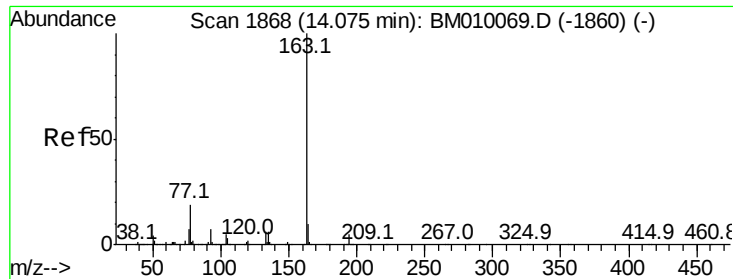
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#49

Dimethylphthalate

Concen: 17.35 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

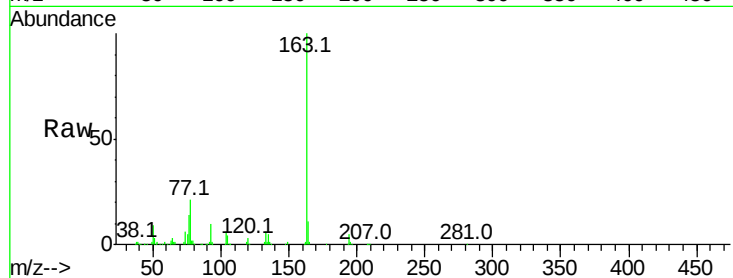
Tot Ion:163 Resp: 380325

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

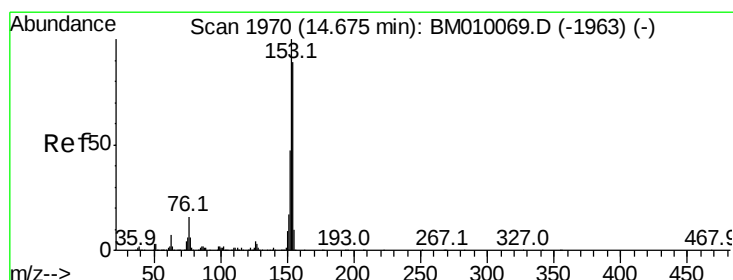
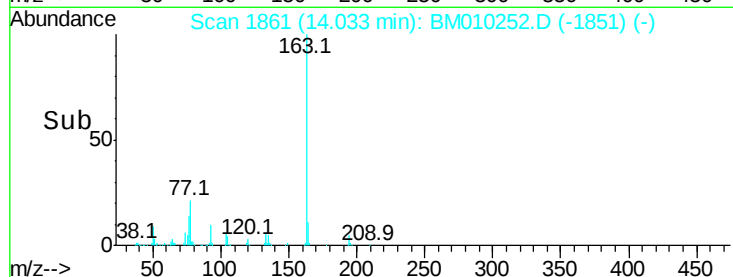
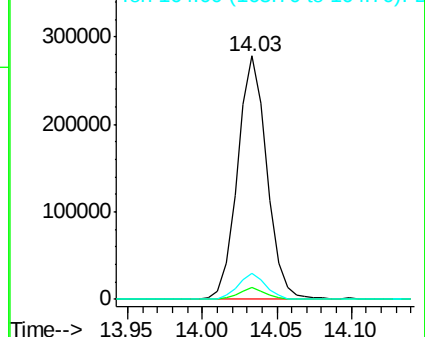
164 10.5 8.2 12.2



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



#51

Acenaphthene

Concen: 0.08 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.09 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

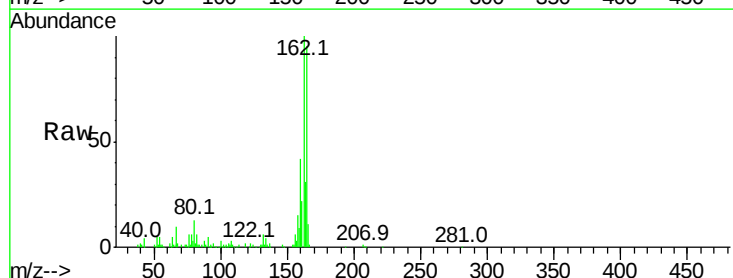
Tgt Ion:154 Resp: 1164

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

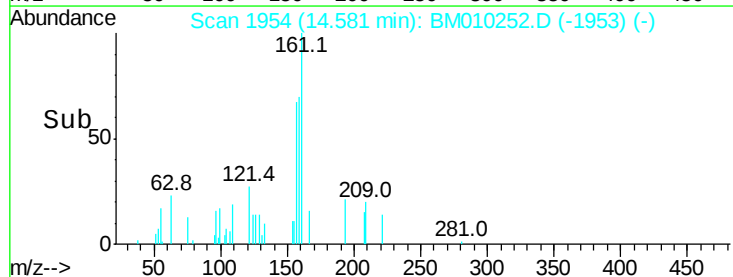
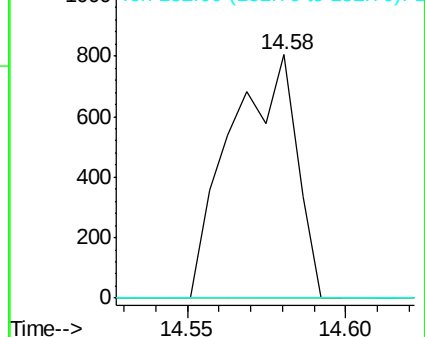
152 0.0 42.6 63.8#

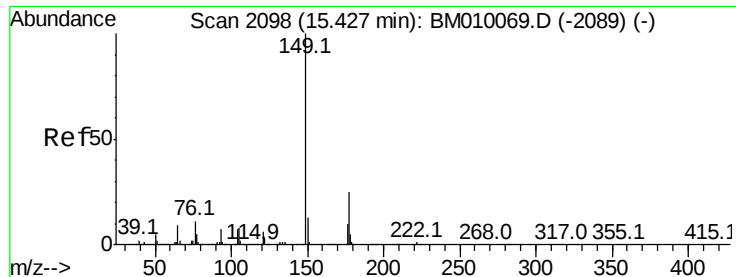


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

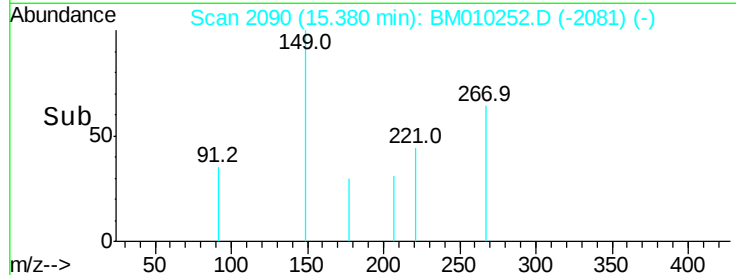
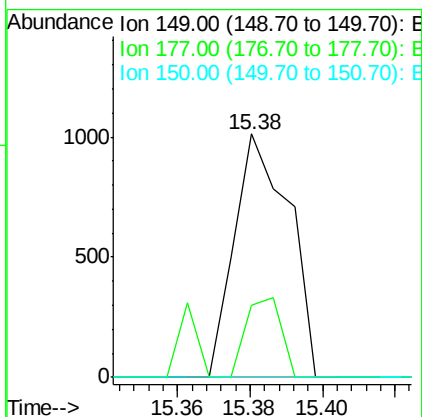
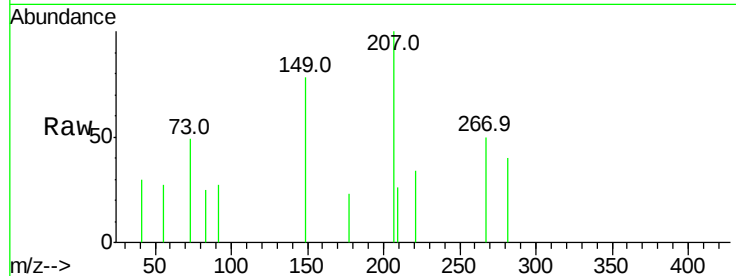




#59
Diethylphthalate
Concen: 0.05 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.05 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

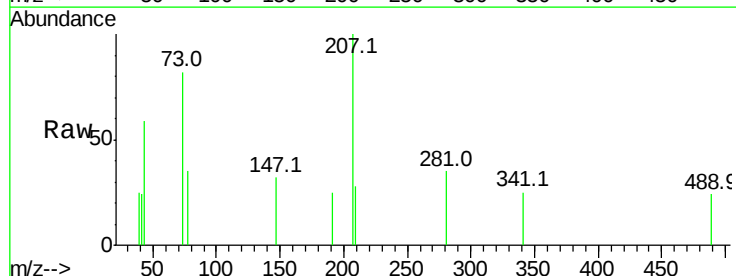
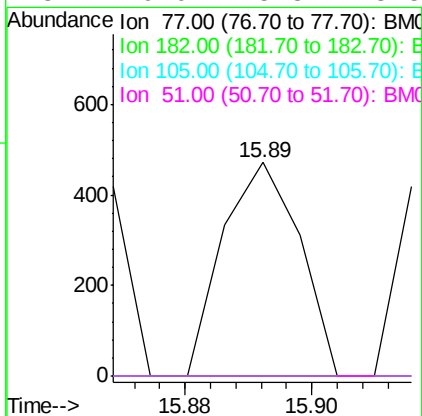
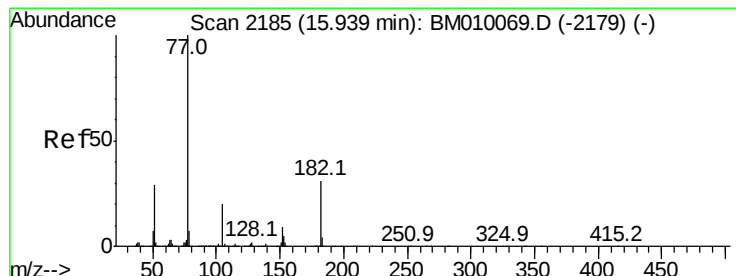
Instrument :
BNA_M
ClientSampled :

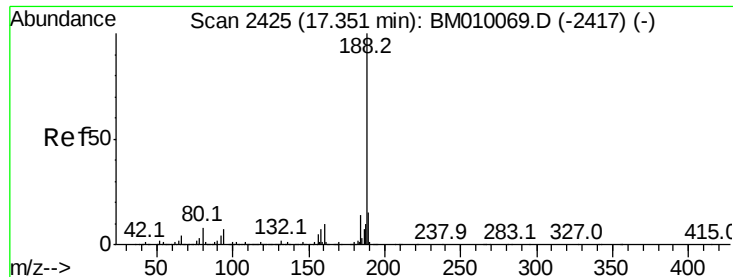
Tot Ion: 149 Resp: 1060
Ion Ratio Lower Upper
149 100
177 29.7 18.3 27.5#
150 0.0 9.8 14.8#



#62
Azobenzene
Concen: 0.03 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.05 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion: 77 Resp: 394
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 0.0 3.8 43.8#
51 0.0 5.5 45.5#

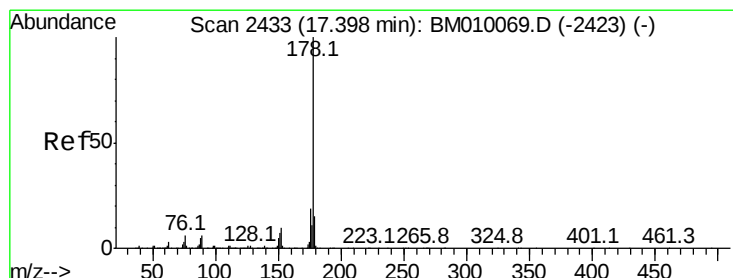
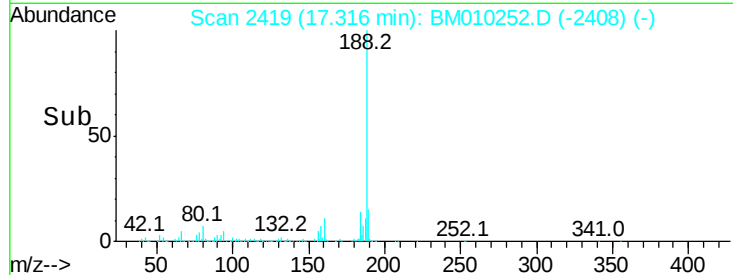
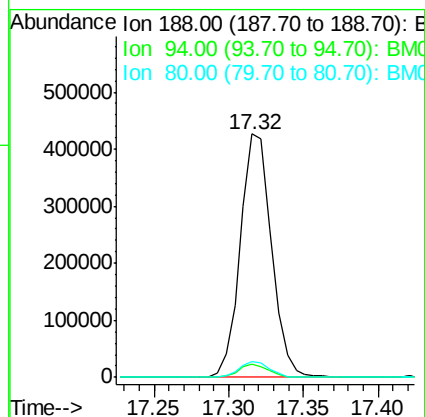
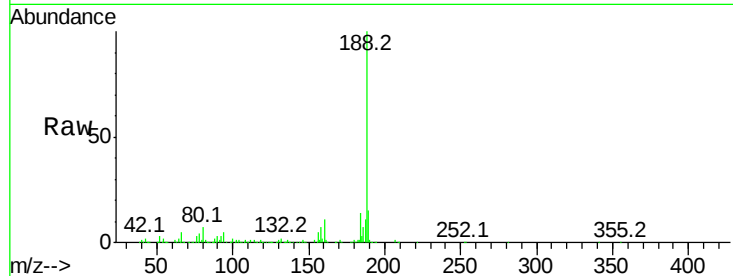




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

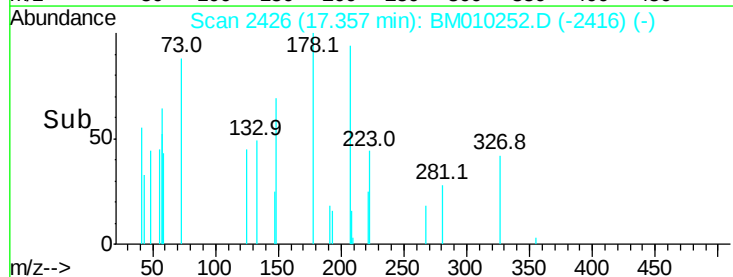
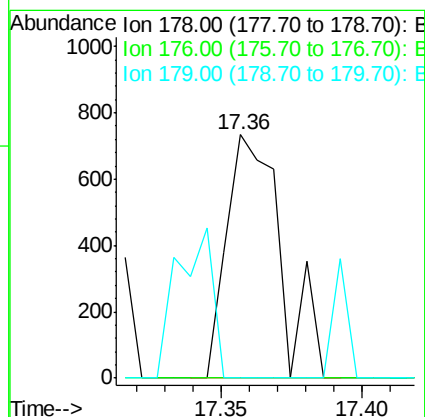
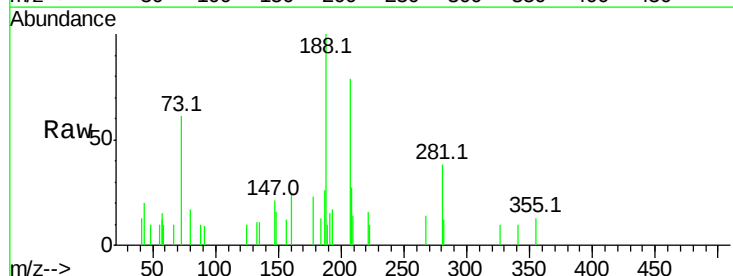
Instrument :
BNA_M
ClientSampled :

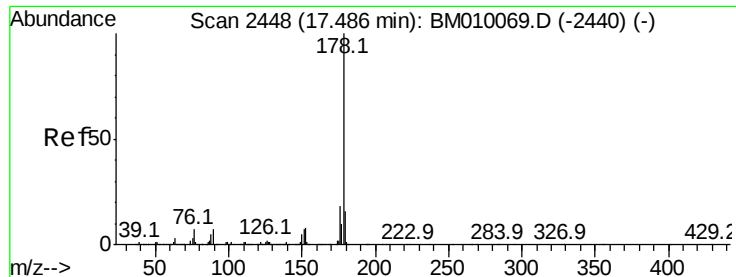
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.7	9.3	13.9#



#70
Phenanthrene
Concen: 0.03 ng
RT: 17.36 min Scan# 2426
Delta R.T. -0.04 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.1	18.1#





#71

Anthracene

Concen: 0.01 ng

RT: 17.46 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampled :

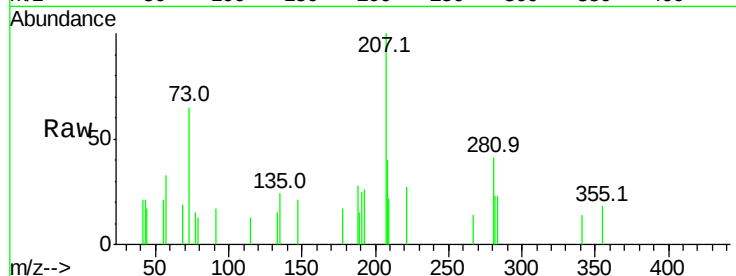
Tot Ion:178 Resp: 282

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

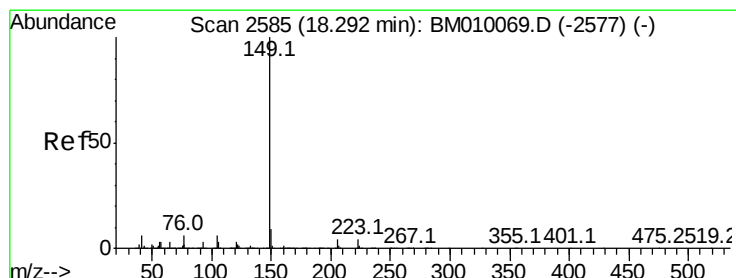
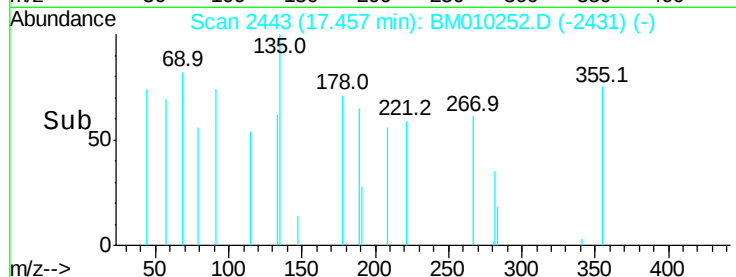
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.46

17.44 17.46 17.48

Time-->



#73

Di-n-butylphthalate

Concen: 0.06 ng

RT: 18.26 min Scan# 2579

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

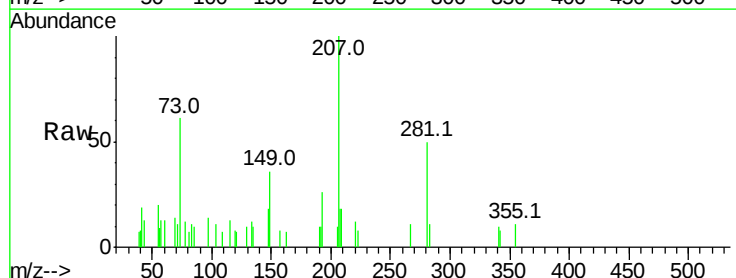
Tgt Ion:149 Resp: 1998

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

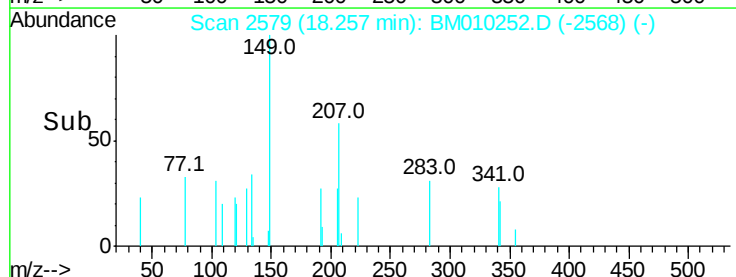
Ion 150.00 (149.70 to 150.70): E

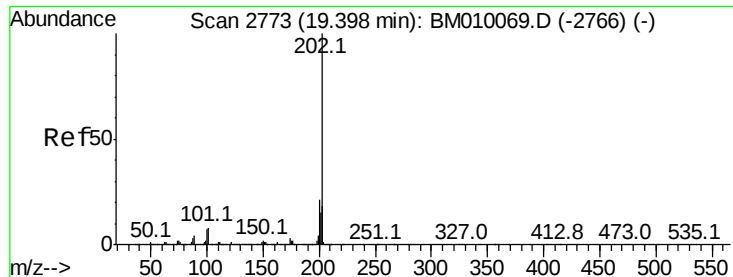
Ion 104.00 (103.70 to 104.70): E

18.26

18.25 18.30

Time-->





#74

Fluoranthene

Concen: 0.05 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.03 min

Lab File: BM010252.D

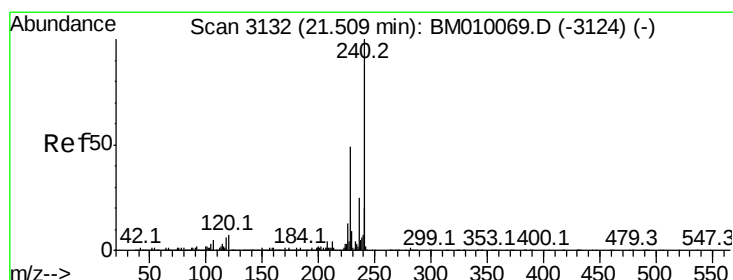
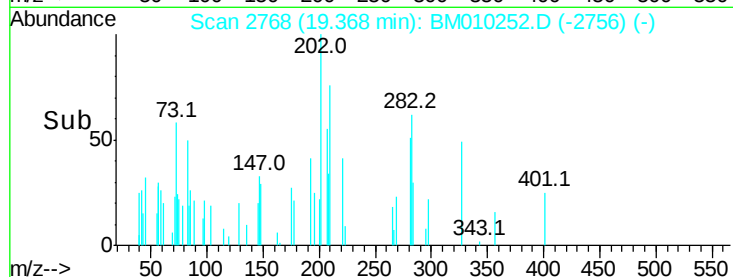
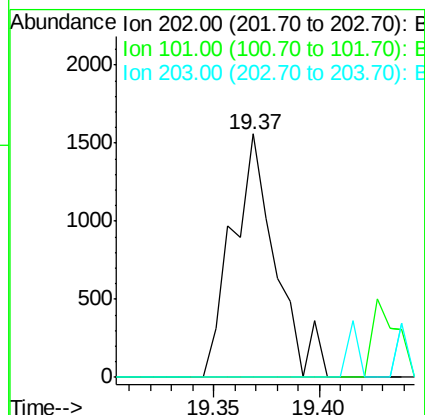
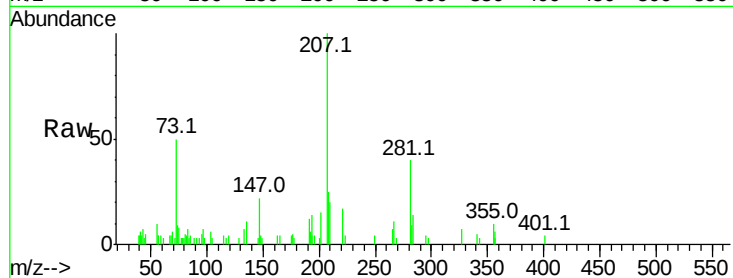
Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	2205
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	28.7
203	0.0	0.0	37.2



#75

Chrysene-d12

Concen: 20.00 ng

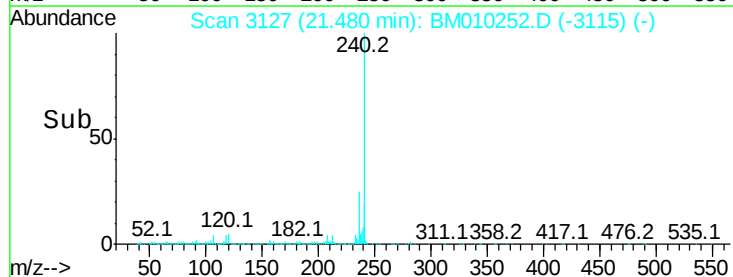
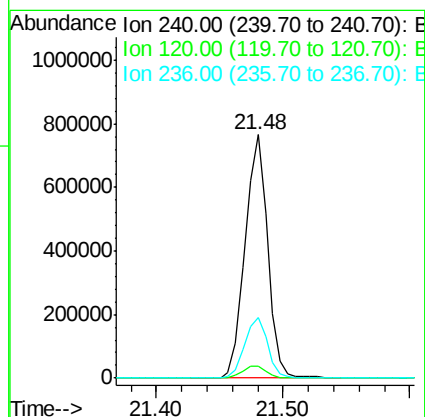
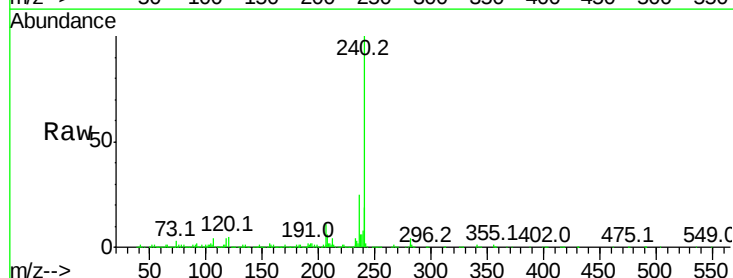
RT: 21.48 min Scan# 3127

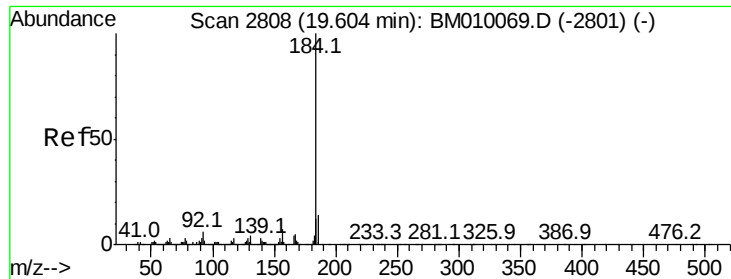
Delta R.T. -0.03 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:	240	Resp:	947437
Ion Ratio	Lower	Upper	
240	100		
120	4.8	8.2	12.2#
236	24.9	20.0	30.0





#76

Benzidine

Concen: 0.02 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.06 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

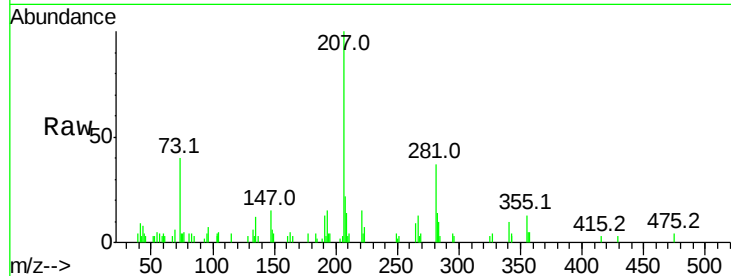
Tot Ion:184 Resp: 270

Ion Ratio Lower Upper

184 100

185 67.9 11.3 16.9#

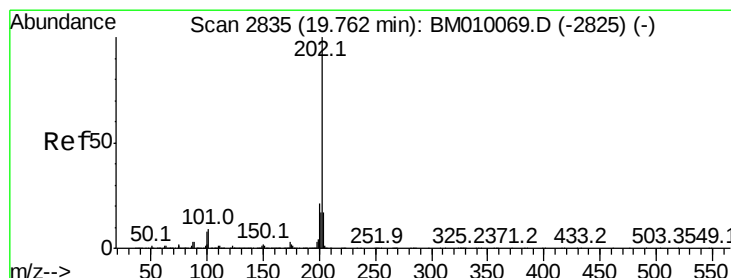
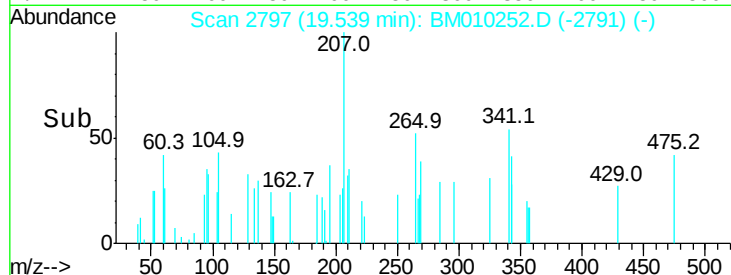
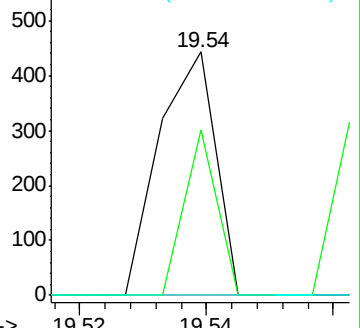
183 0.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.02 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

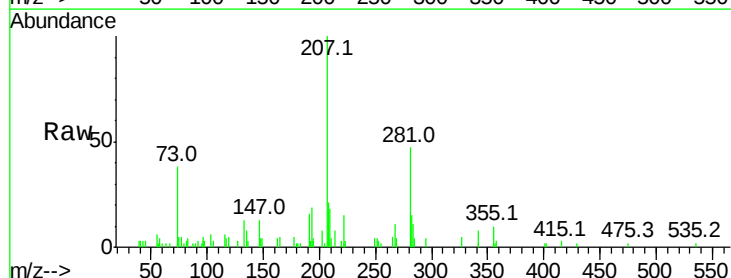
Tgt Ion:202 Resp: 1171

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

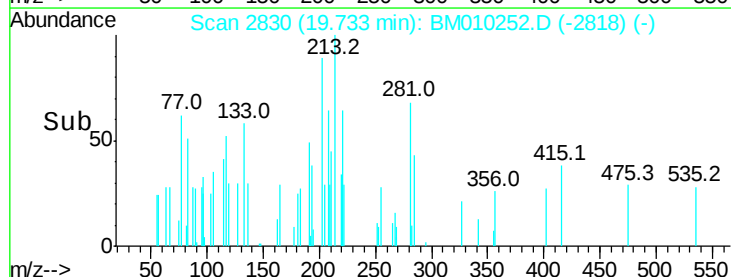
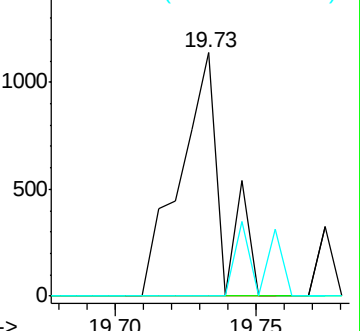
203 0.0 14.1 21.1#

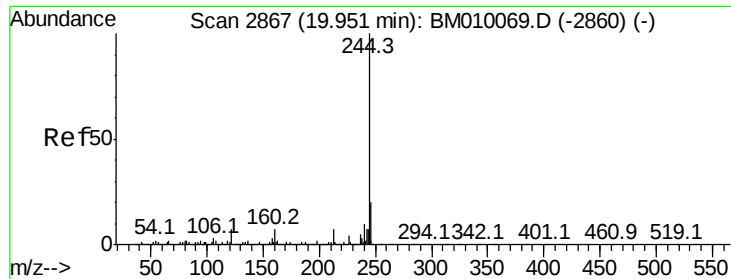


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 47.47 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampled :

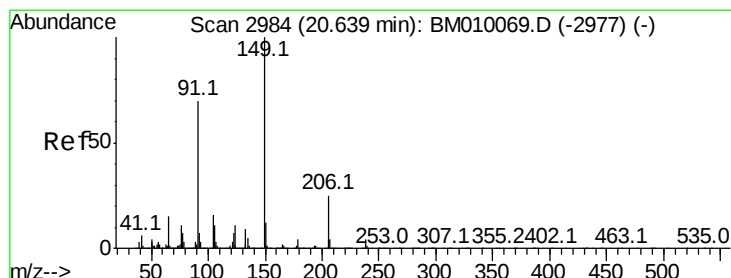
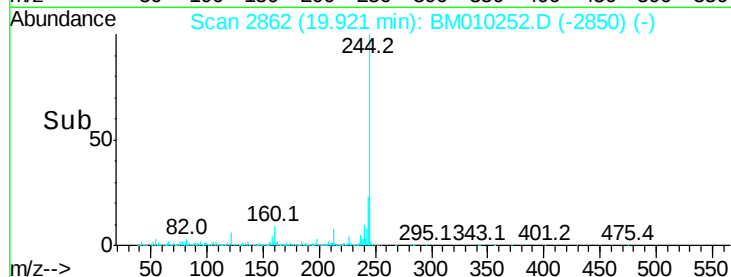
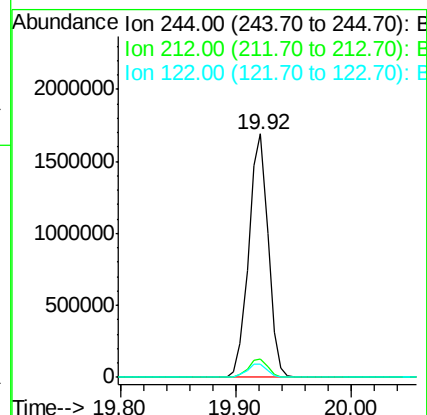
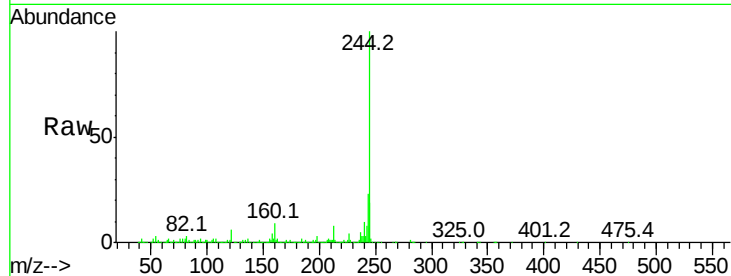
Tot Ion:244 Resp: 1977765

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

122 5.6 6.2 9.4#



#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 20.60 min Scan# 2977

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

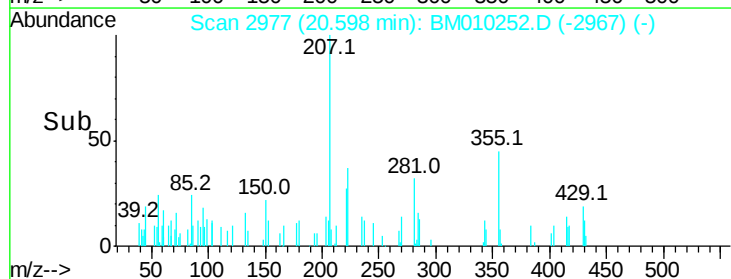
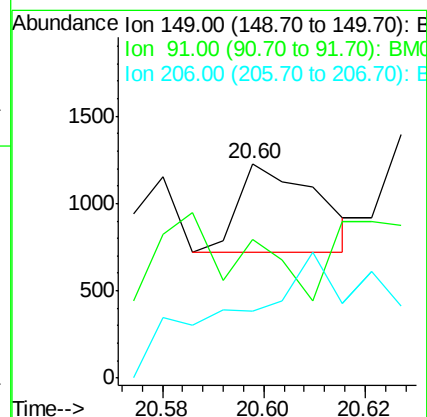
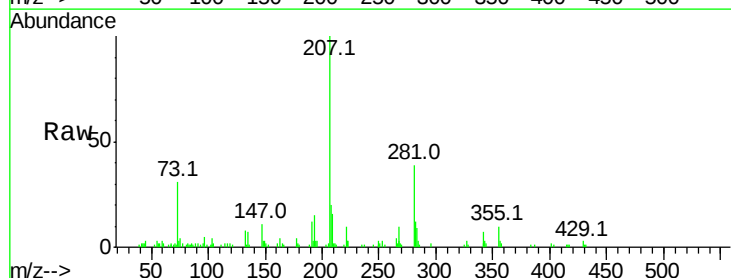
Tgt Ion:149 Resp: 545

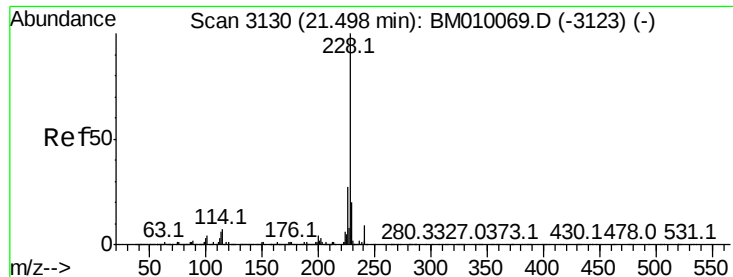
Ion Ratio Lower Upper

149 100

91 64.6 50.1 75.1

206 31.5 16.2 24.2#





#80

Benzo(a)anthracene

Concen: 0.10 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM010252.D

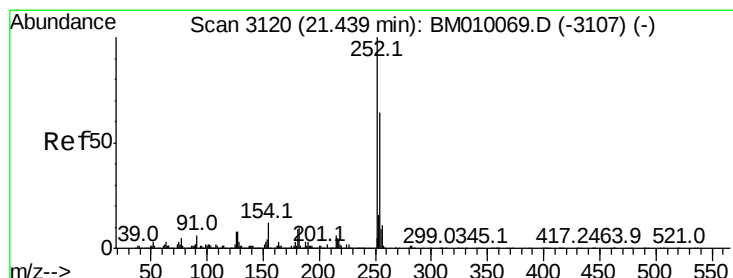
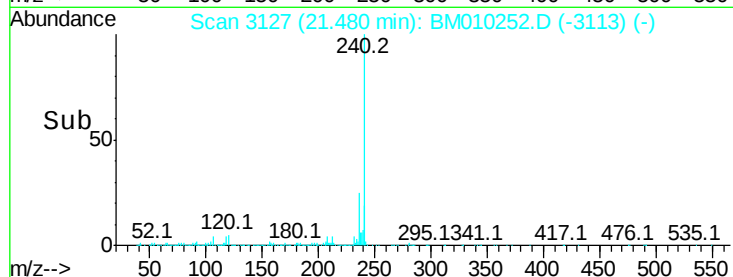
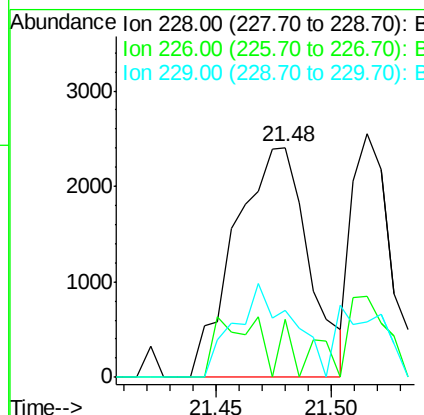
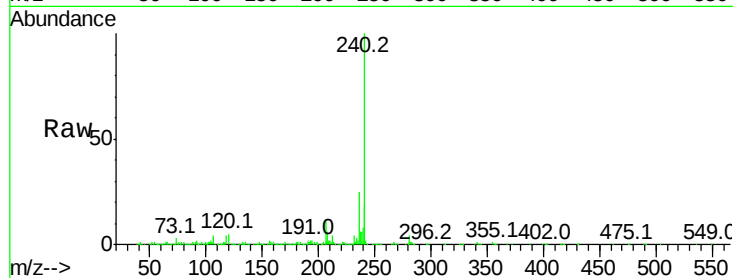
Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	5316
Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.7	32.5
229	29.3	16.0	24.0#



#81

3,3'-Dichlorobenzidine

Concen: 0.03 ng

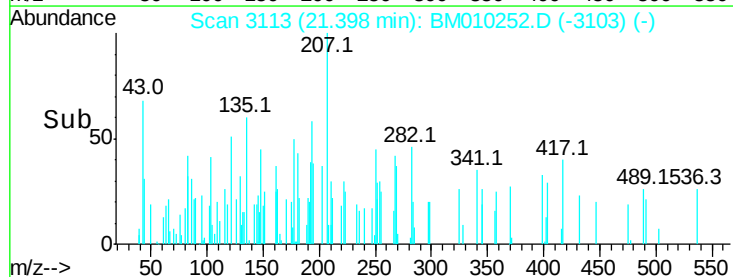
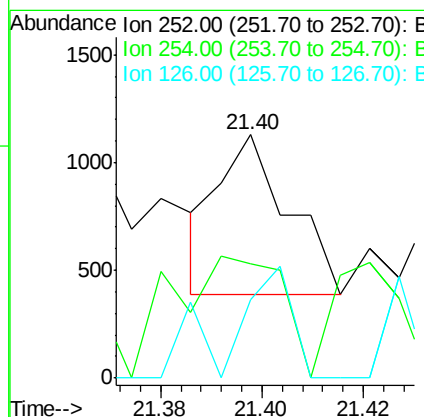
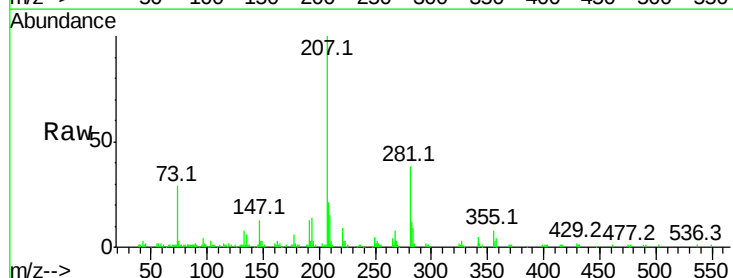
RT: 21.40 min Scan# 3113

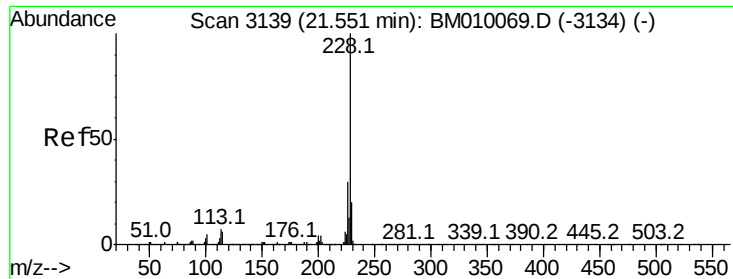
Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:	252	Resp:	703
Ion	Ratio	Lower	Upper
252	100		
254	46.8	51.9	77.9#
126	32.2	9.8	14.8#





#82

Chrysene

Concen: 0.07 ng

RT: 21.52 min Scan# 3133

Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

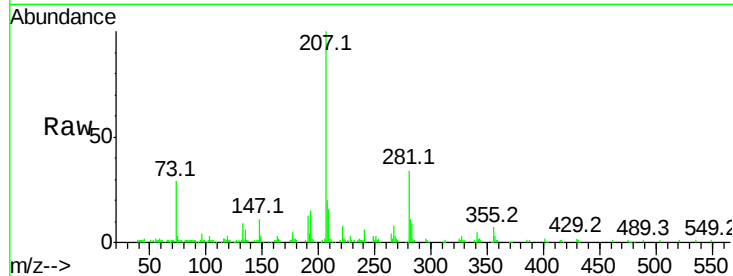
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3358

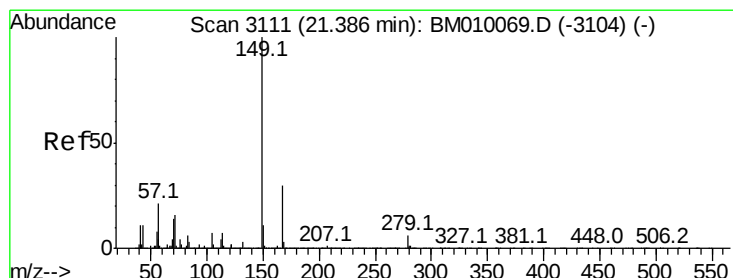
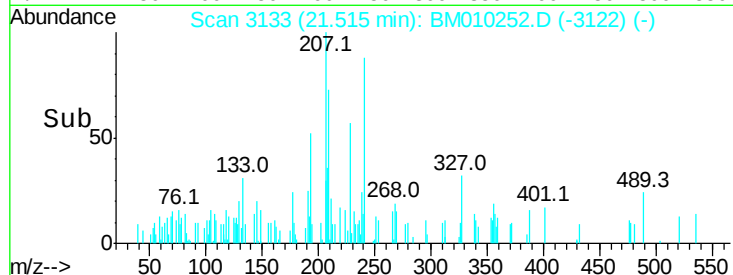
Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.1	36.1
229	23.0	15.5	23.3



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: 0.09 ng

RT: 21.34 min Scan# 3104

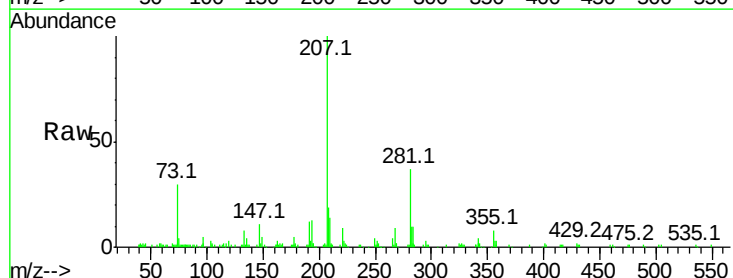
Delta R.T. -0.04 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:149 Resp: 2603

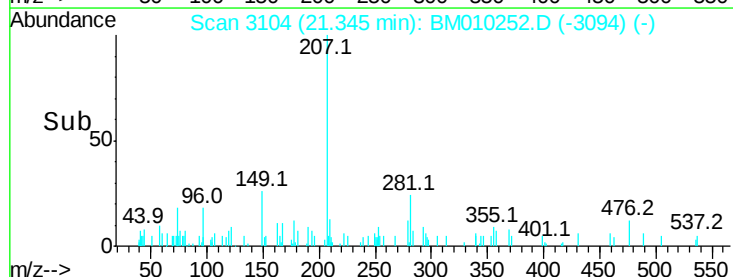
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	21.7	3.4	5.0#

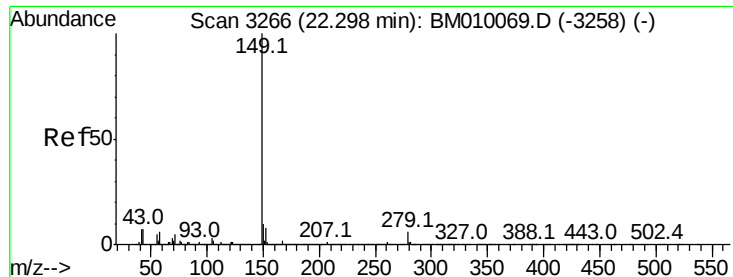


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

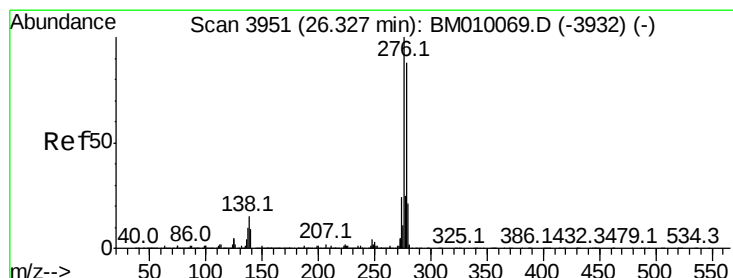
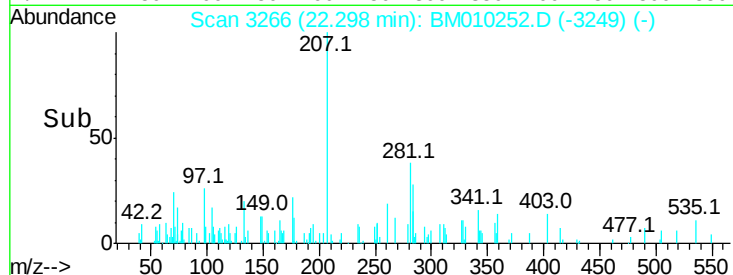
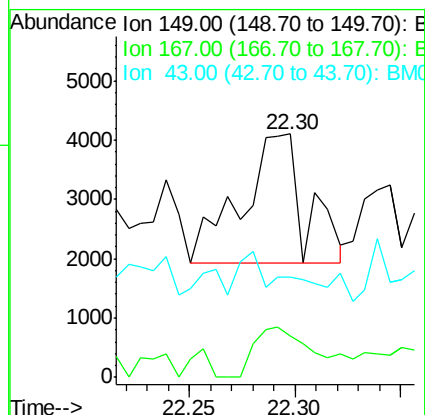
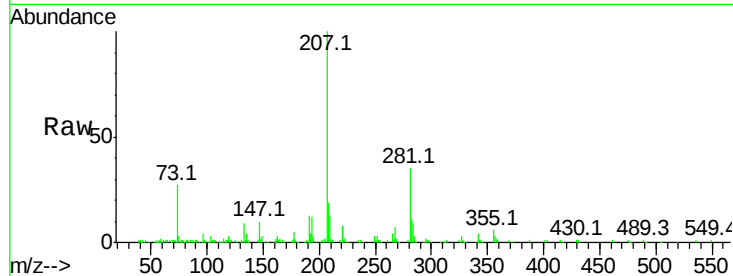




#84
Di-n-octyl phthalate
Concen: 0.09 ng
RT: 22.30 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

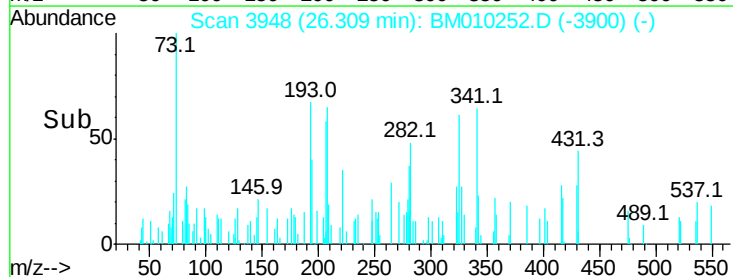
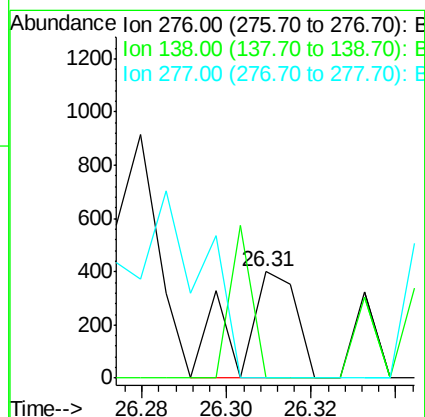
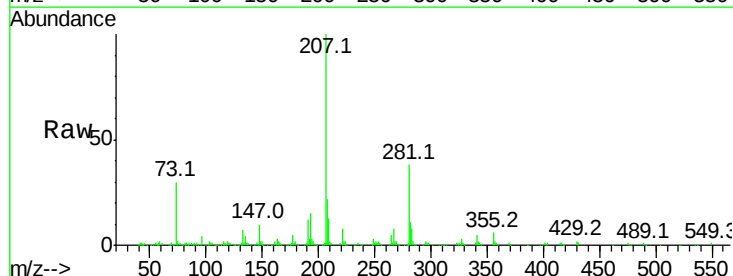
Instrument :
BNA_M
ClientSampleId :

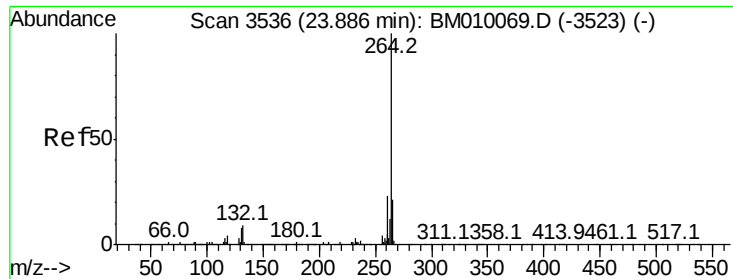
Tot Ion:149 Resp: 4612
Ion Ratio Lower Upper
149 100
167 32.4 1.2 1.8#
43 15.5 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.31 min Scan# 3948
Delta R.T. -0.02 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion:276 Resp: 381
Ion Ratio Lower Upper
276 100
138 53.0 0.0 0.0#
277 0.0 0.0 0.0



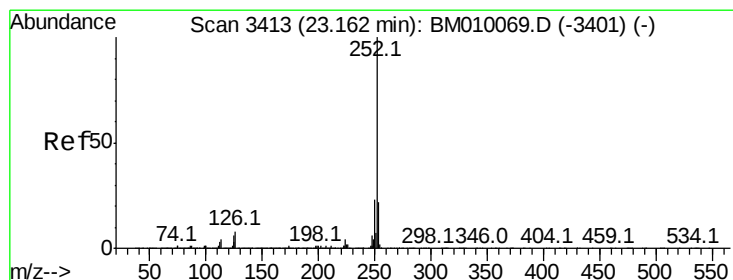
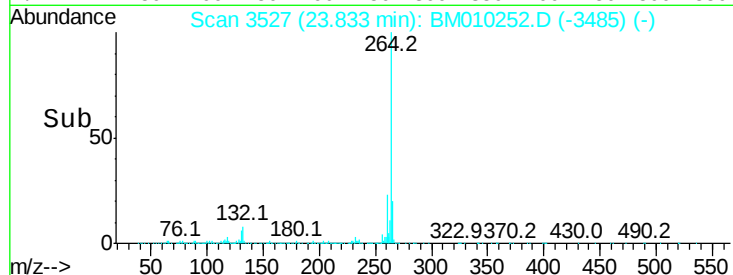
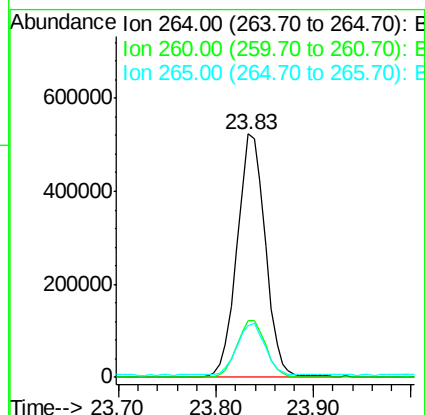
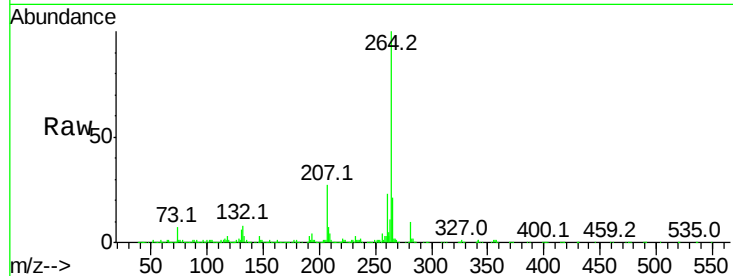


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1053292

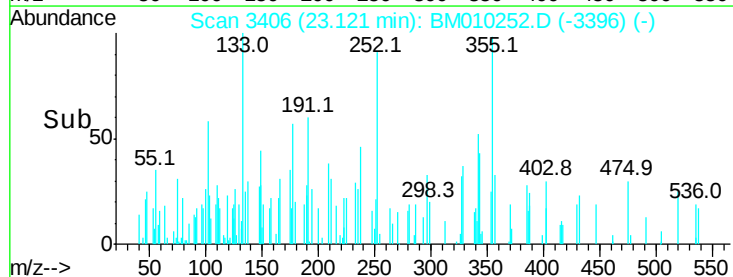
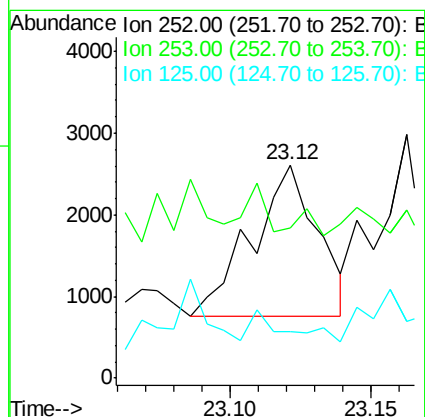
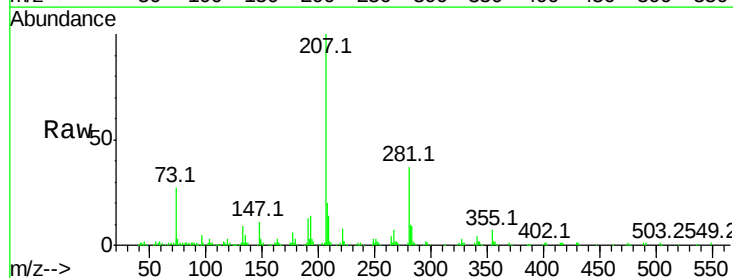
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.1	17.3	25.9

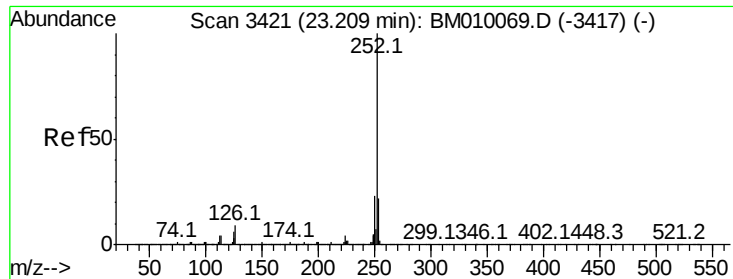


#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 23.12 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BM010252.D
Acq: 26 May 2017 12:11

Tgt Ion:252 Resp: 2997

Ion	Ratio	Lower	Upper
252	100		
253	70.6	18.0	27.0#
125	40.1	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: BM010252.D

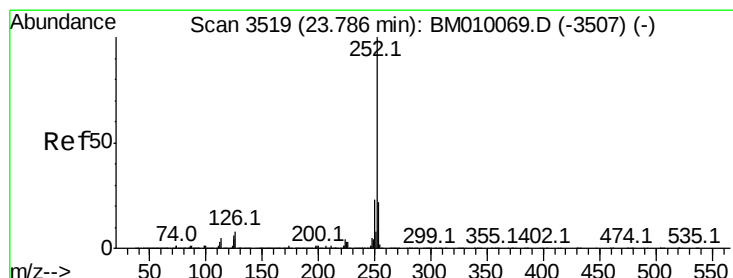
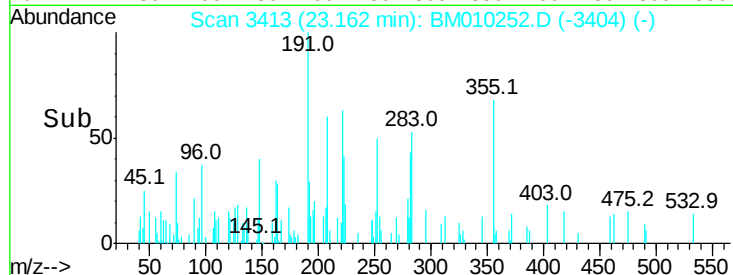
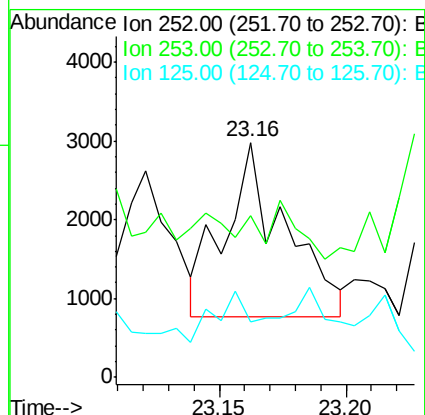
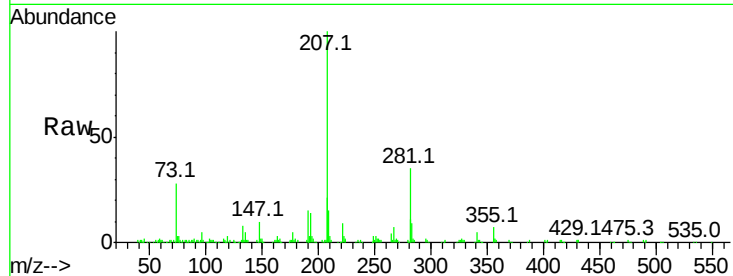
Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	3657
Ion	Ratio	Lower	Upper
252	100		
253	68.9	17.2	25.8#
125	23.3	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 0.02 ng

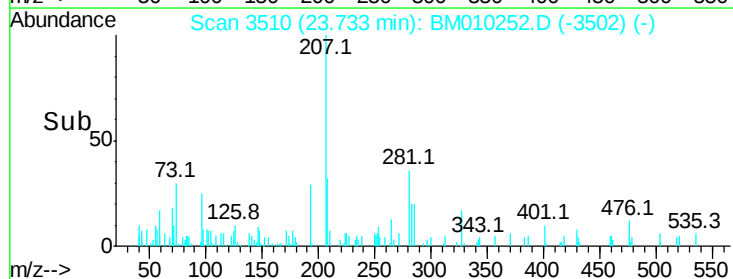
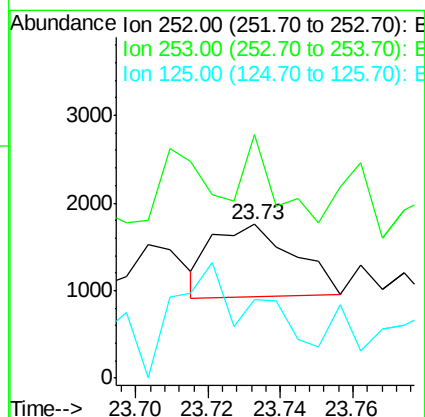
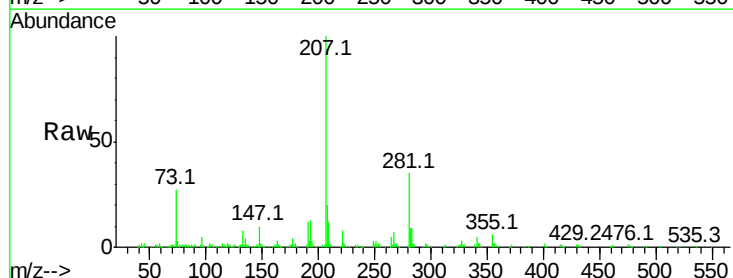
RT: 23.73 min Scan# 3510

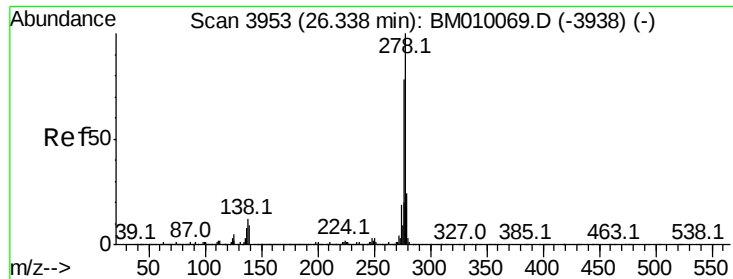
Delta R.T. -0.05 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Tgt Ion:	252	Resp:	1292
Ion	Ratio	Lower	Upper
252	100		
253	158.2	17.6	26.4#
125	50.8	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 26.26 min Scan# 3939

Delta R.T. -0.08 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

Instrument :

BNA_M

ClientSampleId :

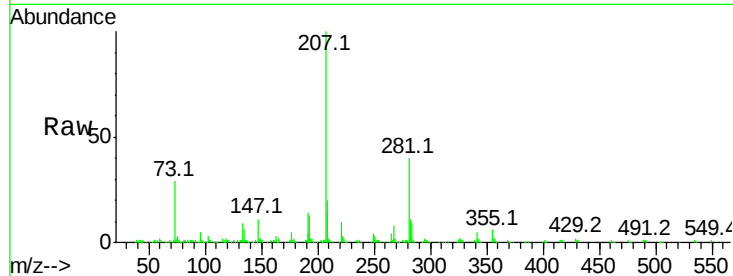
Tot Ion:278 Resp: 5495

Ion Ratio Lower Upper

278 100

139 22.0 13.4 20.0#

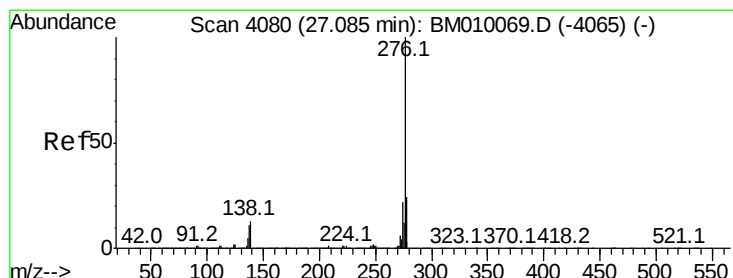
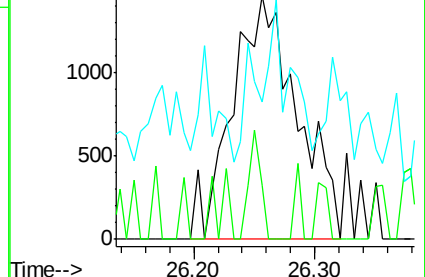
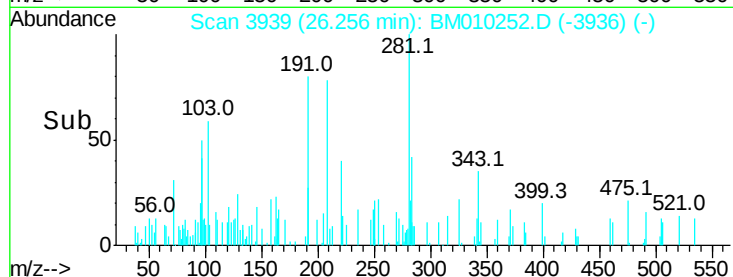
279 56.6 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 27.03 min Scan# 4071

Delta R.T. -0.05 min

Lab File: BM010252.D

Acq: 26 May 2017 12:11

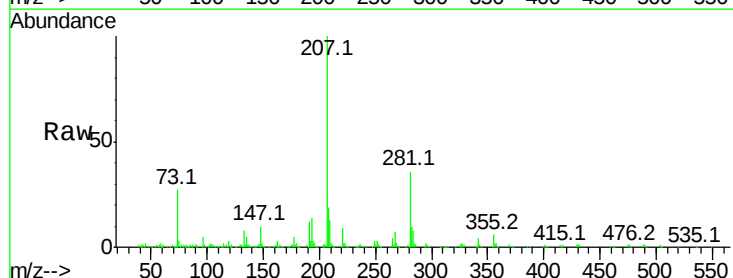
Tgt Ion:276 Resp: 246

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 45.0 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

