

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010258.D
 Acq On : 26 May 2017 15:47
 Operator : SJ/MA
 Sample : I3345-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:31:36 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	112772	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	370170	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	228121	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	546800	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	820157	20.00	ng	-0.03
86) Perylene-d12	23.83	264	702424	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	884022	141.56	ng	-0.03
7) Phenol-d6	7.13	99	969323	120.63	ng	-0.04
23) Nitrobenzene-d5	9.13	82	784323	114.31	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	537903	155.25	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1981361	111.66	ng	-0.04
78) Terphenyl-d14	19.92	244	3294531	91.34	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	244	0.09	ng	# 100
3) Pyridine	3.91	79	114	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	141	0.05	ng	# 1
9) Benzaldehyde	7.13	77	3250	0.65	ng	# 20
10) Phenol	7.16	94	320	0.04	ng	# 1
14) 1,2-Dichlorobenzene	8.29	146	115	0.01	ng	# 1
15) Benzyl Alcohol	8.26	79	17882	2.94	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.50	45	114	0.02	ng	# 66
18) Hexachloroethane	9.03	117	515	0.18	ng	# 1
22) Acetophenone	8.78	105	499	0.05	ng	# 31
24) Nitrobenzene	9.13	77	4324	0.61	ng	# 48
25) Isophorone	9.67	82	118	0.01	ng	# 62
31) Naphthalene	10.79	128	31052	1.57	ng	# 95
37) 2-Methylnaphthalene	12.40	142	10964	0.77	ng	# 83
45) 1,1'-Biphenyl	13.40	154	3508	0.19	ng	# 82
48) Acenaphthylene	14.30	152	121	0.01	ng	# 61
51) Acenaphthene	14.64	154	1272	0.09	ng	# 80
54) Dibenzofuran	14.98	168	949	0.04	ng	# 83
55) 4-Nitrophenol	14.98	139	138	0.05	ng	# 18
57) Fluorene	15.62	166	1239	0.06	ng	# 80
59) Diethylphthalate	15.39	149	868	0.05	ng	# 60
62) Azobenzene	15.93	77	247	0.02	ng	# 50
70) Phenanthrene	17.36	178	3823	0.12	ng	# 96
71) Anthracene	17.46	178	333	0.01	ng	# 61
73) Di-n-butylphthalate	18.25	149	2242	0.07	ng	# 78
74) Fluoranthene	19.37	202	1813	0.05	ng	# 83
77) Pyrene	19.73	202	649	0.01	ng	# 57
79) Butylbenzylphthalate	20.61	149	666	0.04	ng	# 66
80) Benzo(a)anthracene	21.48	228	3214	0.07	ng	# 94
81) 3,3'-Dichlorobenzidine	21.41	252	1055	0.06	ng	# 79
82) Chrysene	21.52	228	2678	0.06	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.34	149	1519	0.06	ng	# 87
84) Di-n-octyl phthalate	22.29	149	916	0.02	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.31	276	406	0.01	ng	# 100

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QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

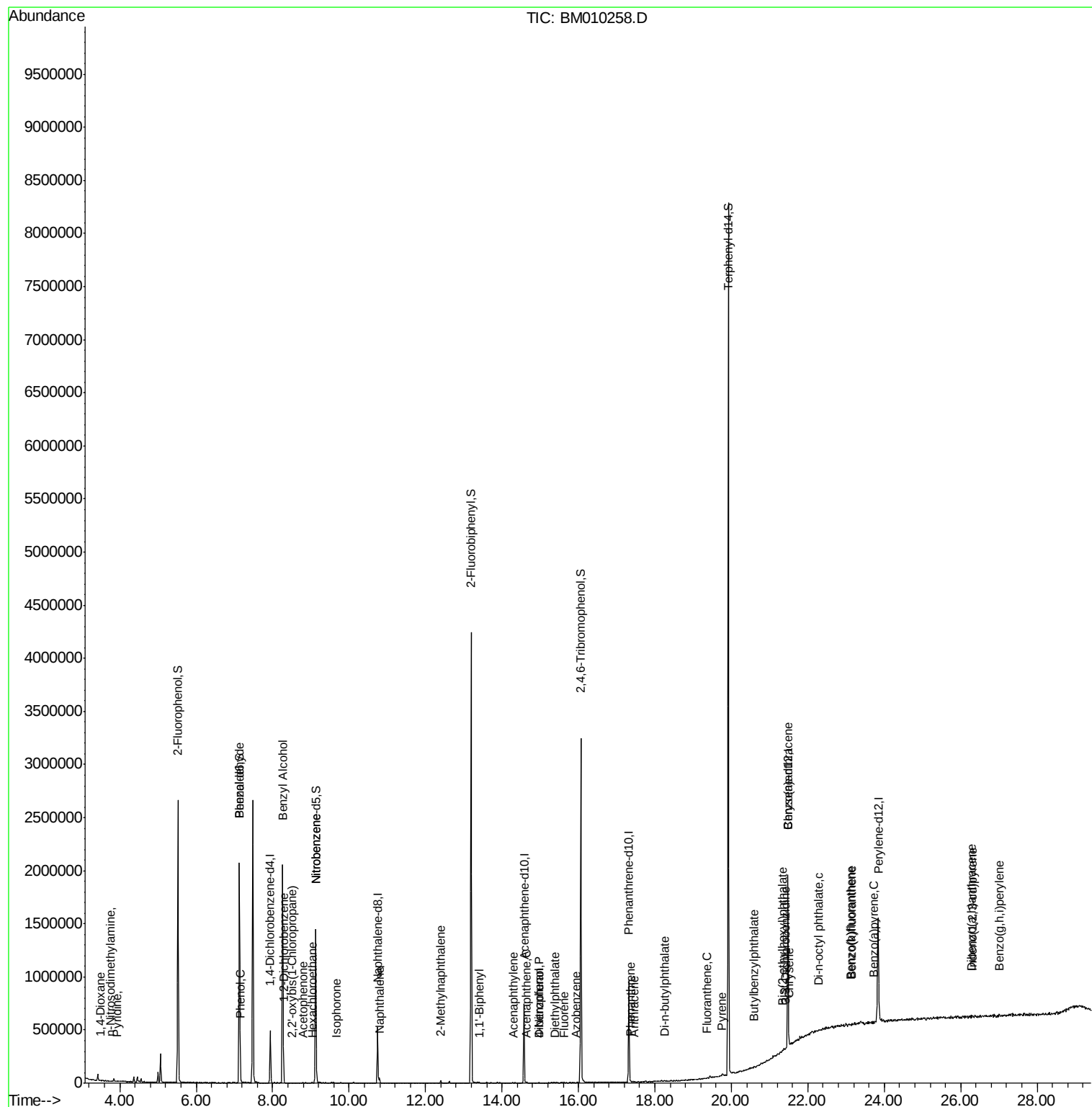
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	23.12	252	2870	0.07	ng	# 1
88) Benzo(k)fluoranthene	23.15	252	1756	0.04	ng	# 1
89) Benzo(a)pyrene	23.72	252	1176	0.03	ng	# 1
90) Dibenzo(a,h)anthracene	26.27	278	649	0.01	ng	# 1
91) Benzo(g,h,i)perylene	27.02	276	572	0.01	ng	# 28

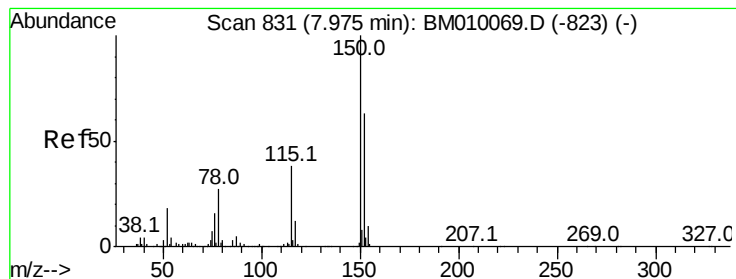
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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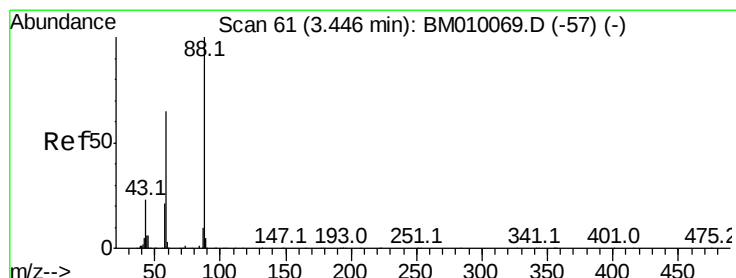
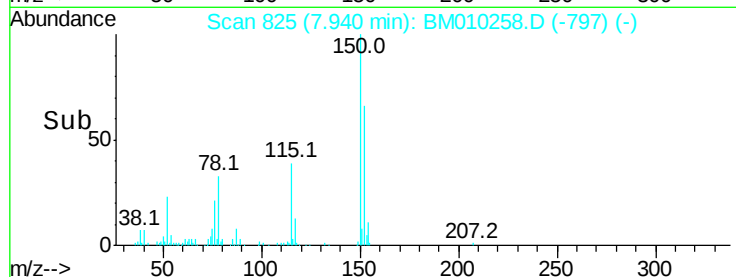
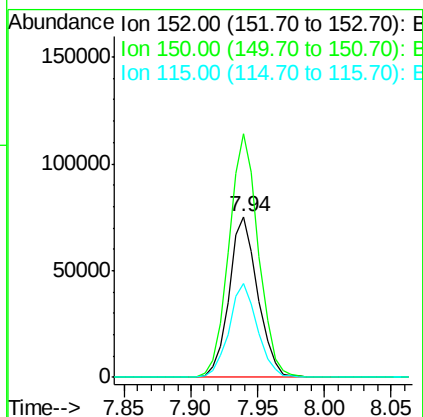
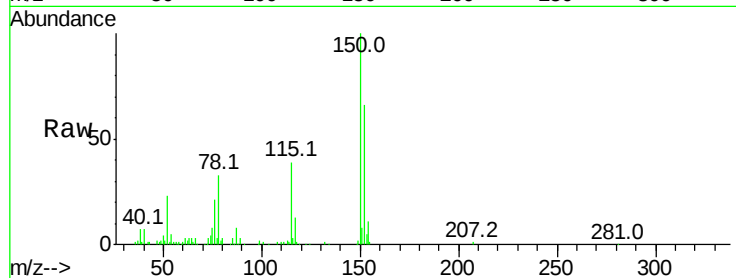


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :

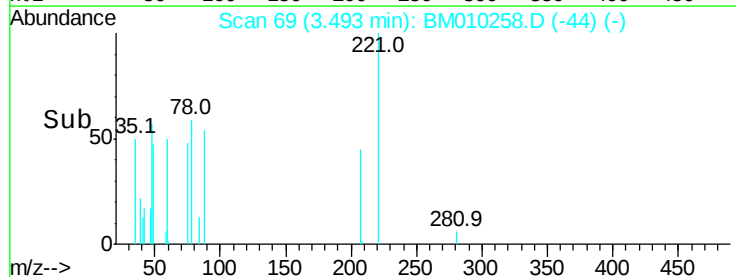
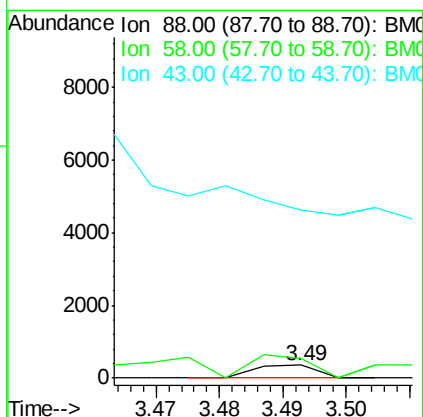
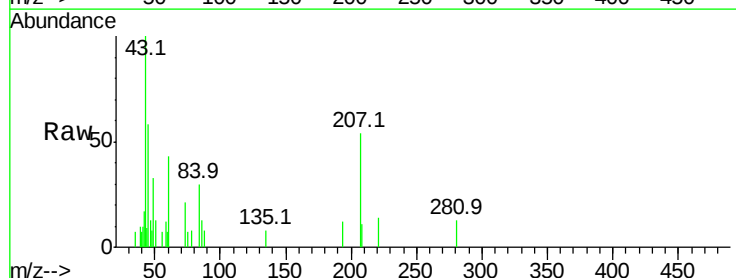
Tot Ion:152 Resp: 112772
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 58.8 43.0 64.4

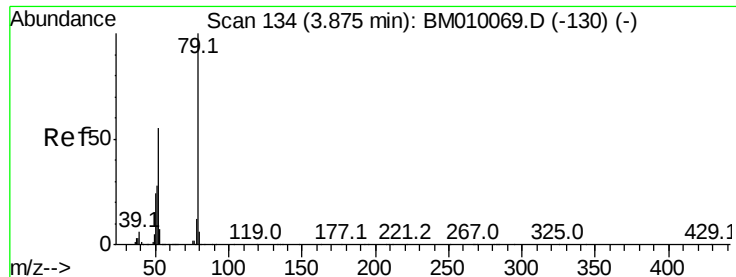


#2

1,4-Dioxane
Concen: 0.09 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.05 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 170.9 0.0 0.0#
43 0.0 0.0 0.0





#3

Pvridine

Concen: 0.01 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampled :

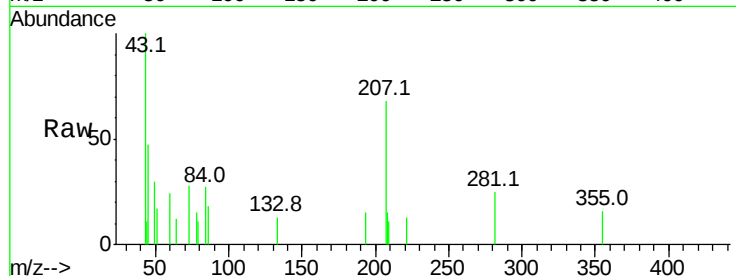
Tot Ion: 79 Resp: 114

Ion Ratio Lower Upper

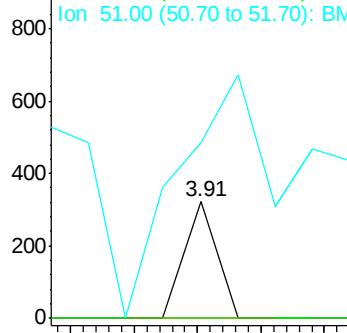
79 100

52 0.0 51.1 76.7#

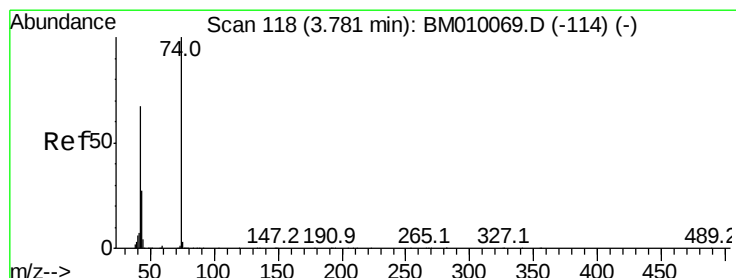
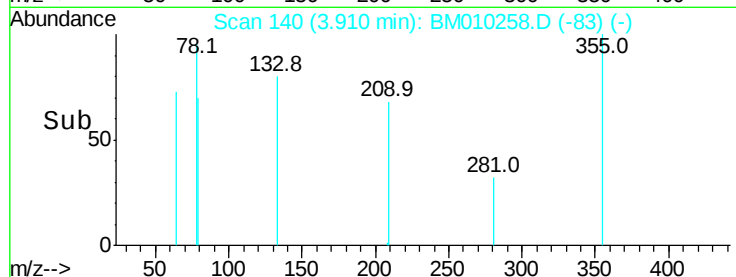
51 150.6 26.1 39.1#



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.02 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

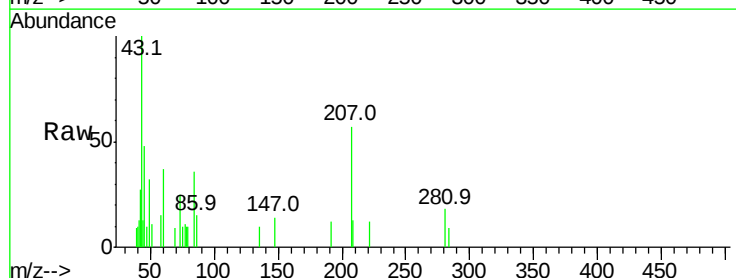
Tgt Ion: 42 Resp: 141

Ion Ratio Lower Upper

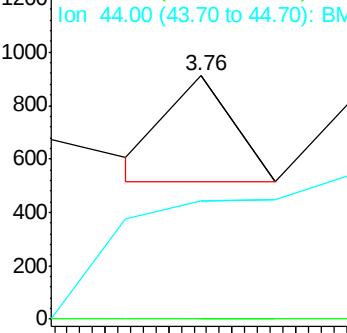
42 100

74 0.0 119.3 178.9#

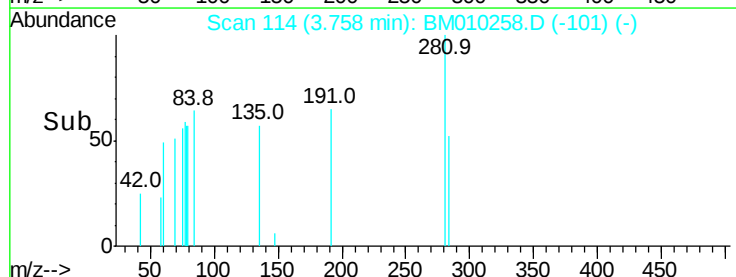
44 48.8 5.4 8.2#

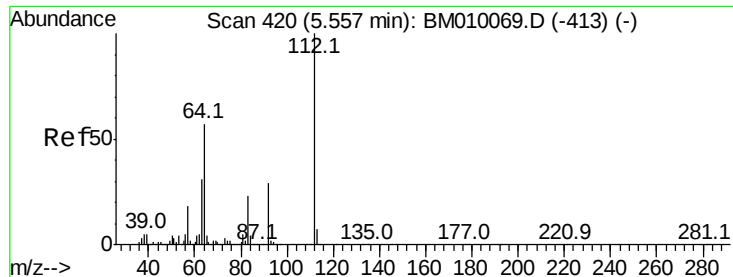


Abundance Ion 42.00 (41.70 to 42.70): BM010258.D (-101) (-)



Time-->





#5

2-Fluorophenol

Concen: 141.56 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

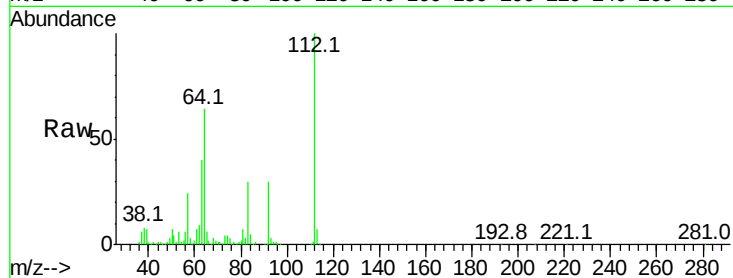
Tot Ion:112 Resp: 884022

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

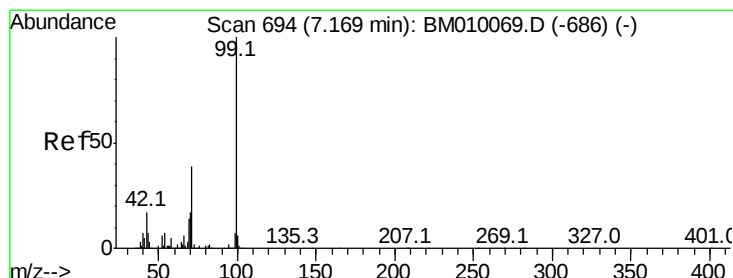
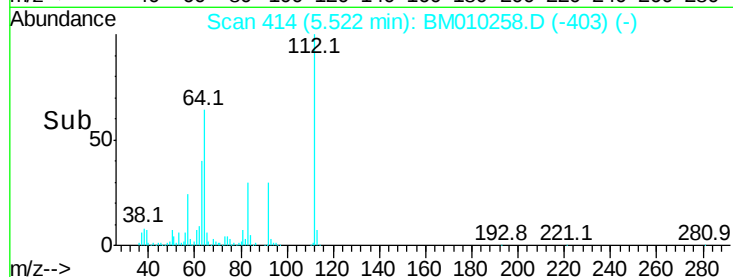
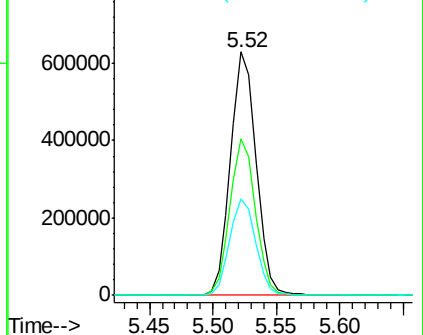
63 39.6 19.3 28.9#



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: 120.63 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

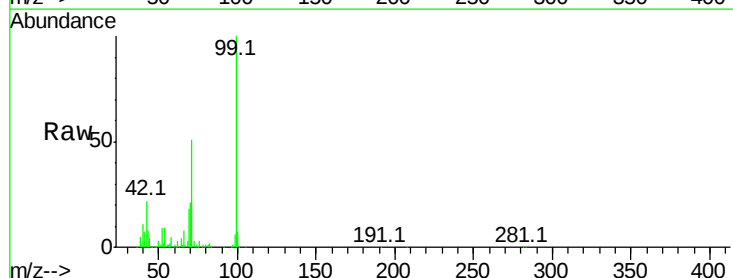
Tgt Ion: 99 Resp: 969323

Ion Ratio Lower Upper

99 100

42 21.5 11.0 16.4#

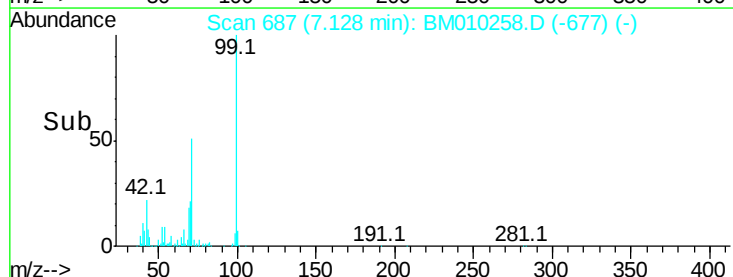
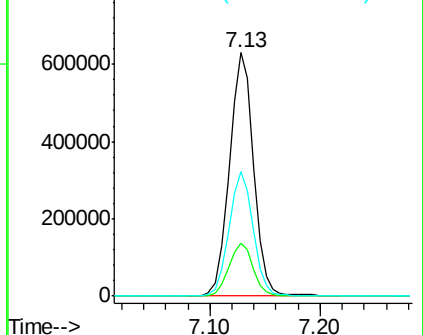
71 51.2 23.4 35.2#

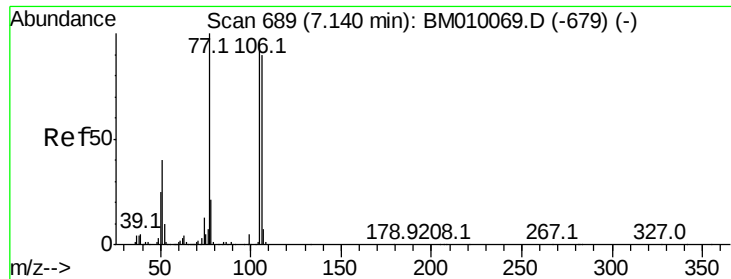


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.65 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

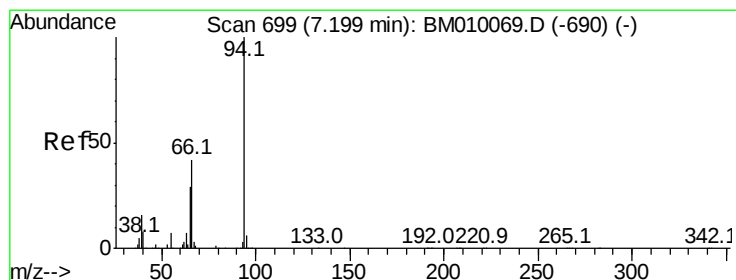
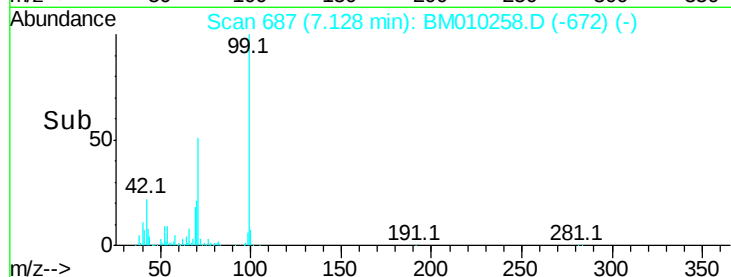
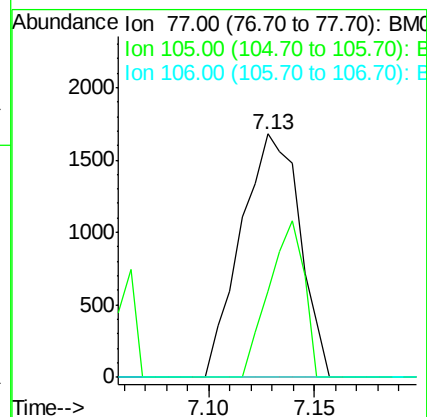
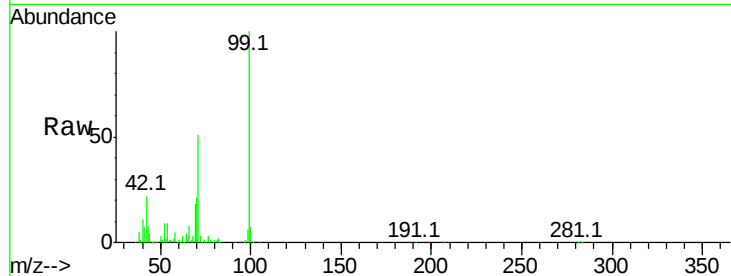
Tot Ion: 77 Resp: 3250

Ion Ratio Lower Upper

77 100

105 35.4 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.04 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

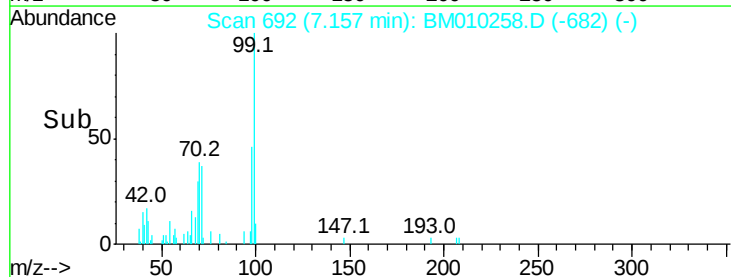
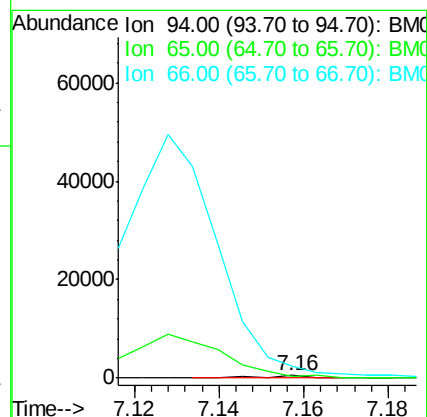
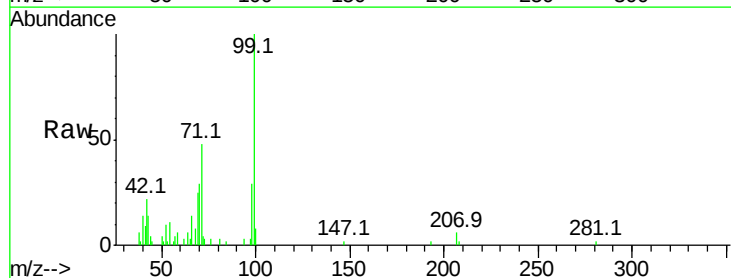
Tgt Ion: 94 Resp: 320

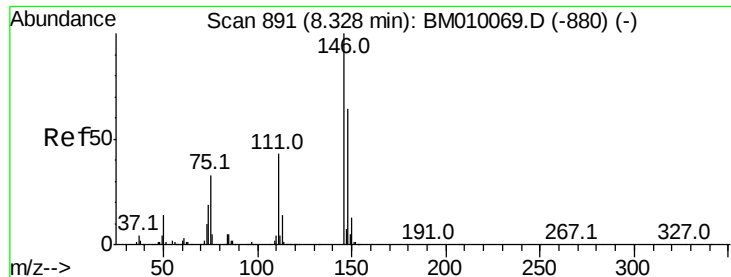
Ion Ratio Lower Upper

94 100

65 80.9 18.8 58.8#

66 413.0 39.9 79.9#





#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BM010258.D

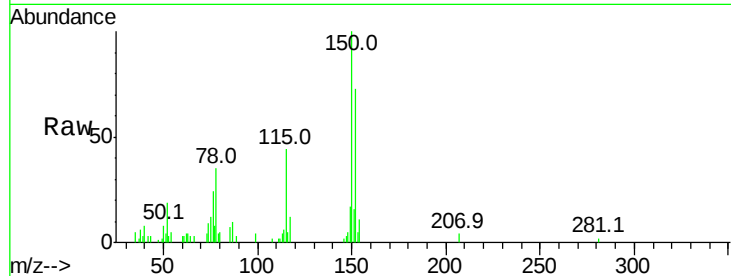
Acq: 26 May 2017 15:47

Instrument :

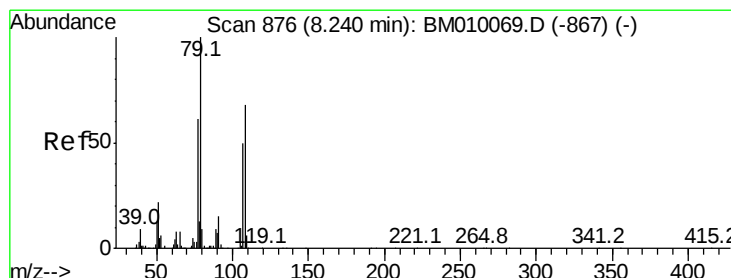
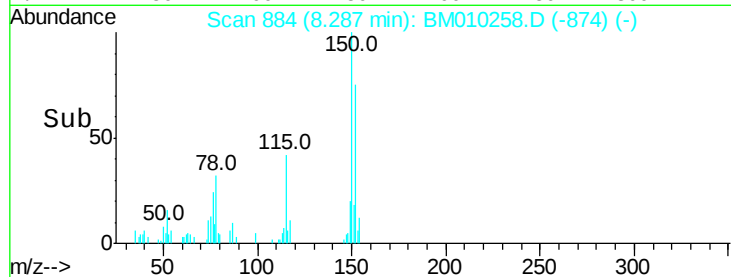
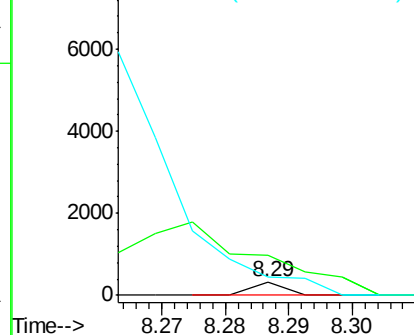
BNA_M

ClientSampleId :

Tot Ion:	146	Resp:	115
Ion	Ratio	Lower	Upper
146	100		
148	297.2	52.3	78.5#
111	135.0	30.6	45.8#



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



#15

Benzyl Alcohol

Concen: 2.94 ng

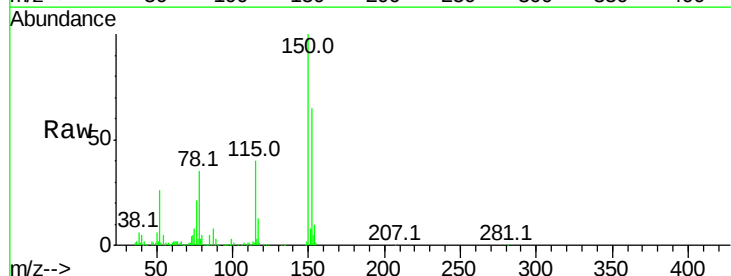
RT: 8.26 min Scan# 879

Delta R.T. 0.02 min

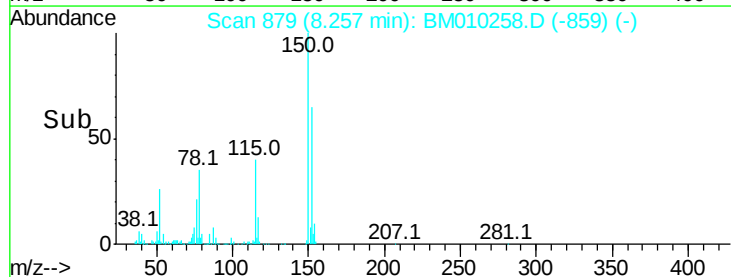
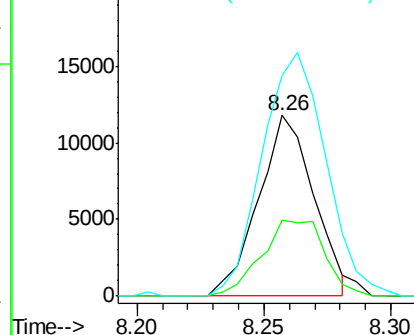
Lab File: BM010258.D

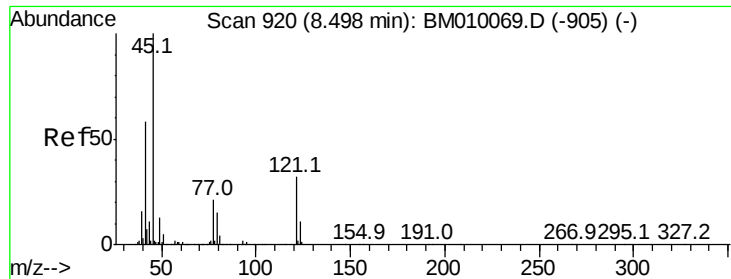
Acq: 26 May 2017 15:47

Tgt Ion:	79	Resp:	17882
Ion	Ratio	Lower	Upper
79	100		
108	41.9	65.0	97.4#
77	121.8	53.0	79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0

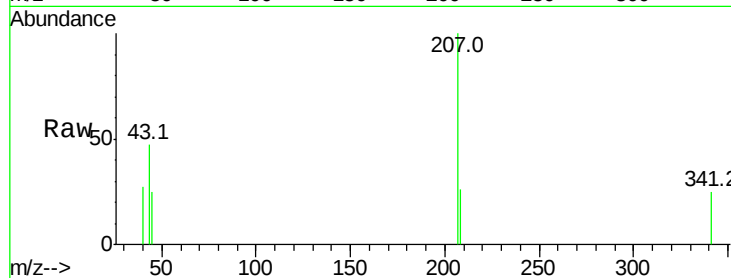




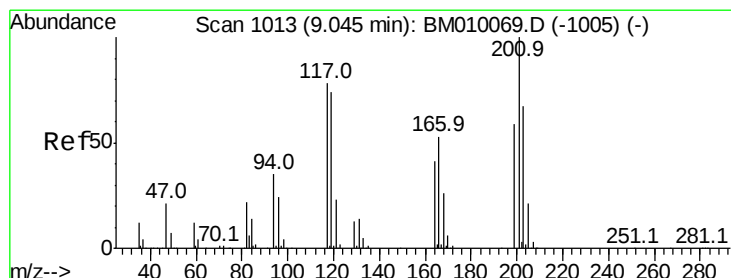
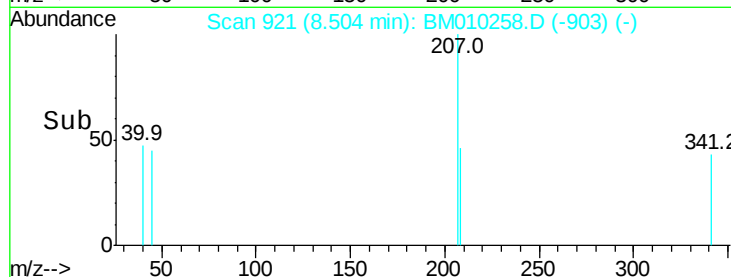
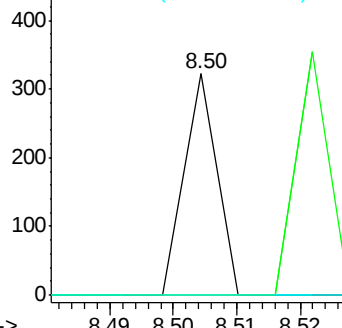
#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.02 ng
 RT: 8.50 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Instrument :
 BNA_M
 ClientSampleId :

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

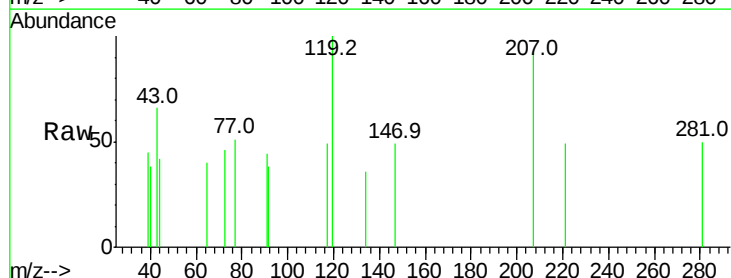


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

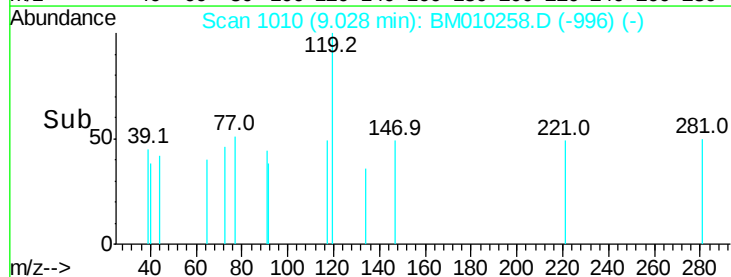
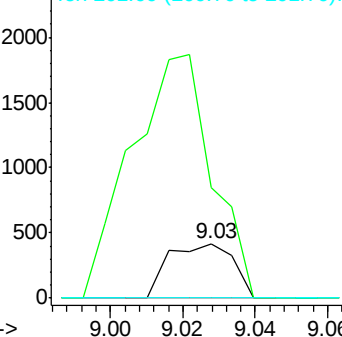


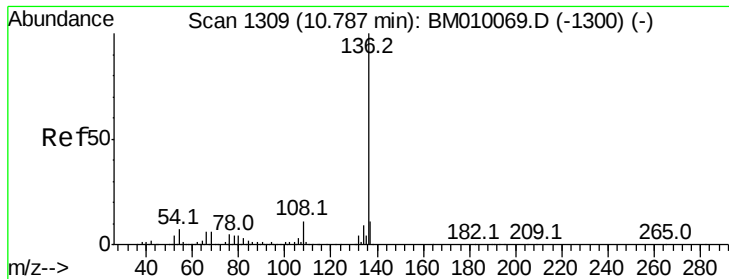
#18
 Hexachloroethane
 Concen: 0.18 ng
 RT: 9.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	202.6	79.2	118.8#
201	0.0	69.8	104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

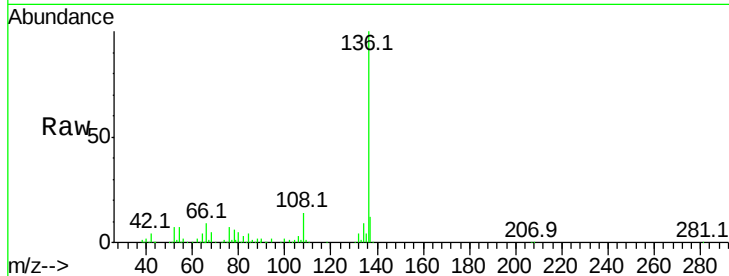




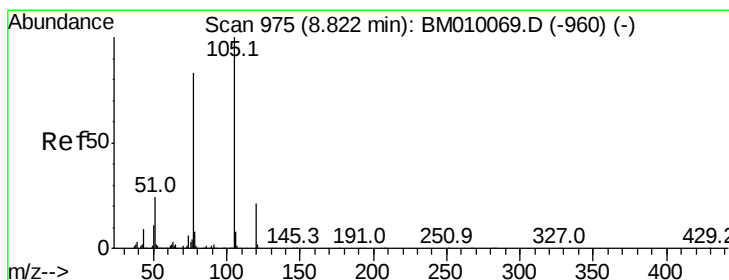
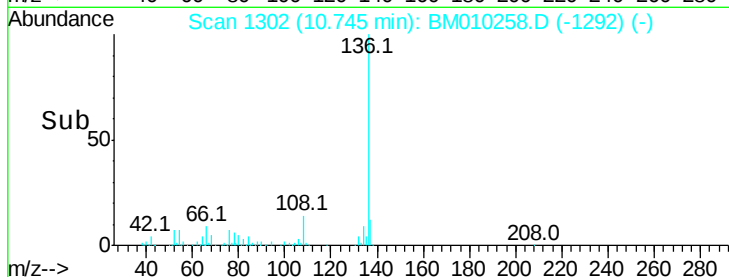
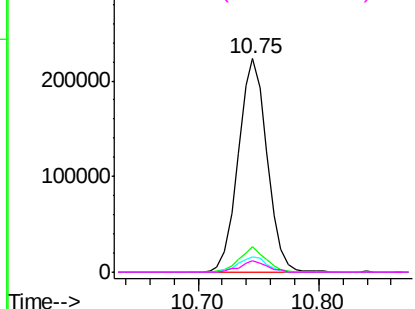
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	370170
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	7.3	4.6	6.8#
68	5.2	3.7	5.5

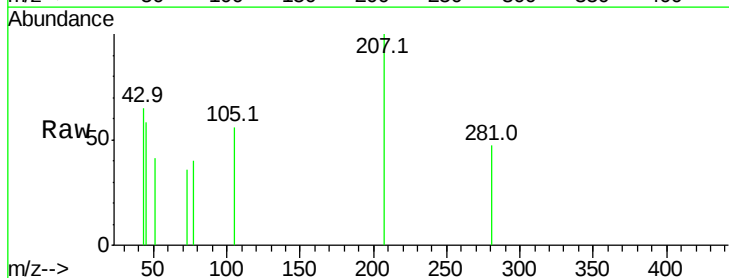


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

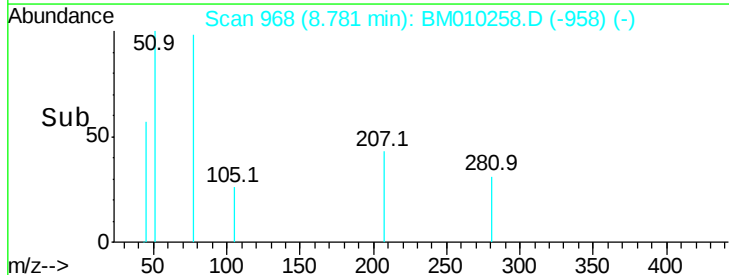
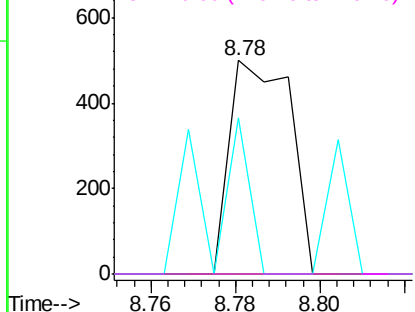


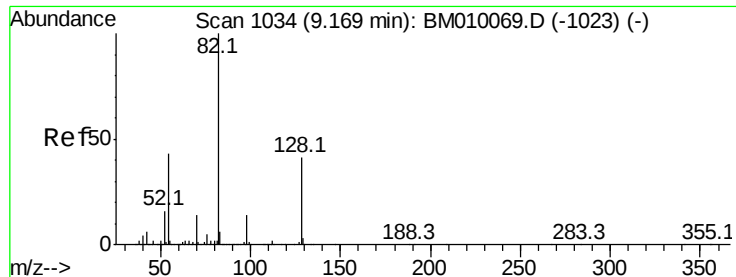
#22
Acetophenone
Concen: 0.05 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:	105	Resp:	499
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	73.4	21.6	32.4#
120	0.0	16.1	24.1#



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

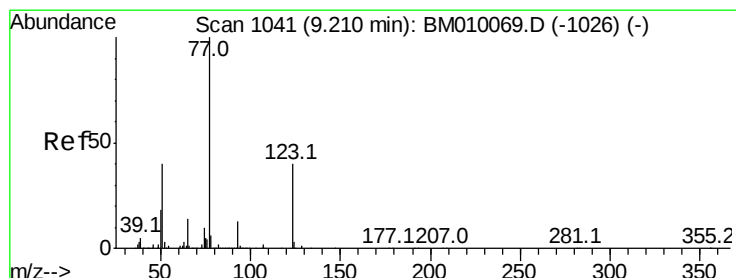
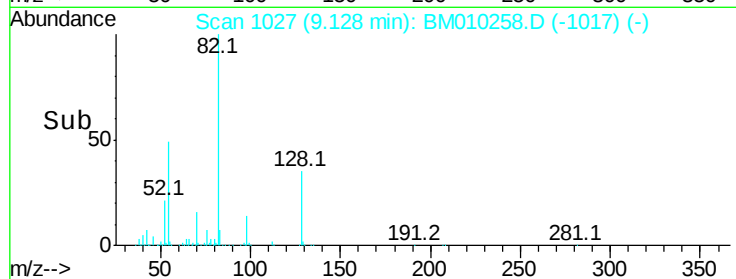
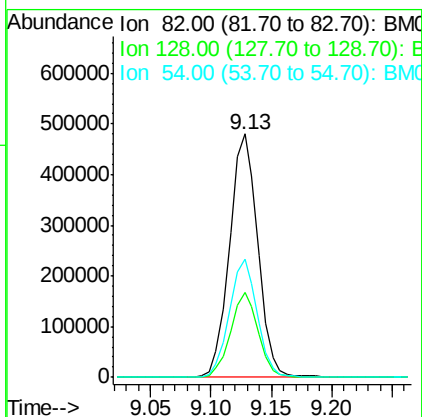
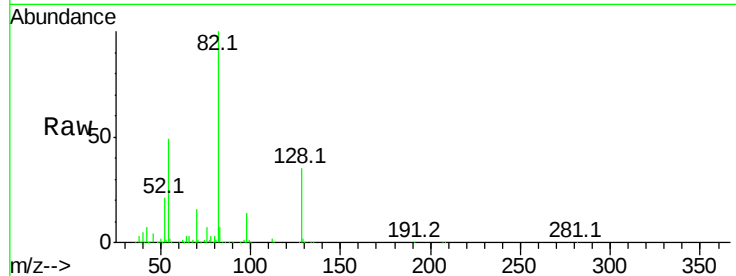




#23
 Nitrobenzene-d5
 Concen: 114.31 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

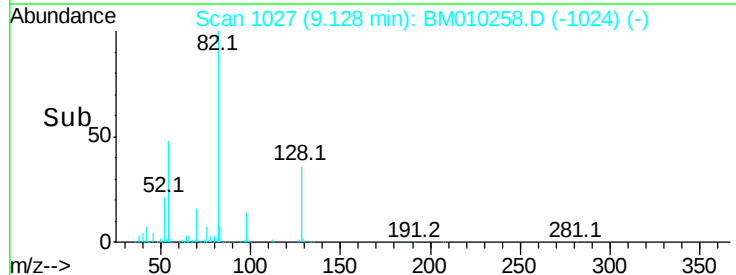
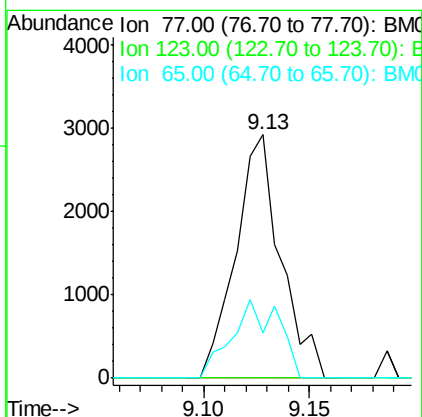
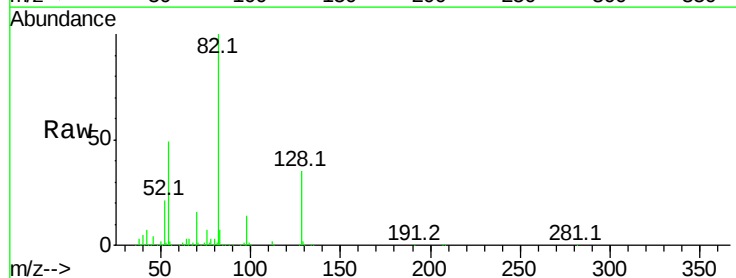
Instrument :
 BNA_M
 ClientSampleId :

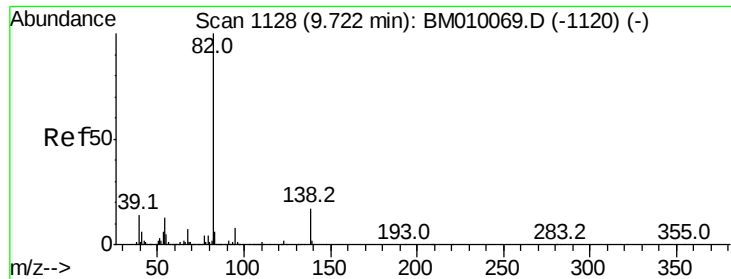
Tot Ion	82	Resp	784323
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	48.6	40.6	60.8



#24
 Nitrobenzene
 Concen: 0.61 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion	77	Resp	4324
Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	18.4	10.9	16.3#





#25

Isophorone

Concen: 0.01 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

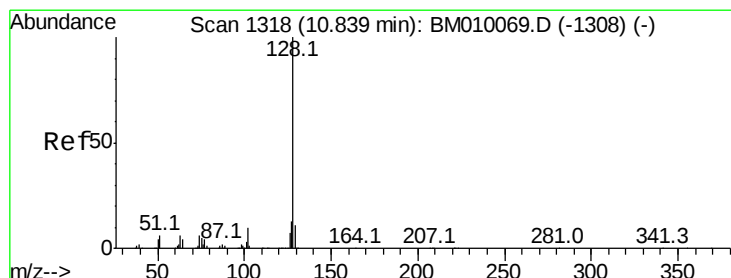
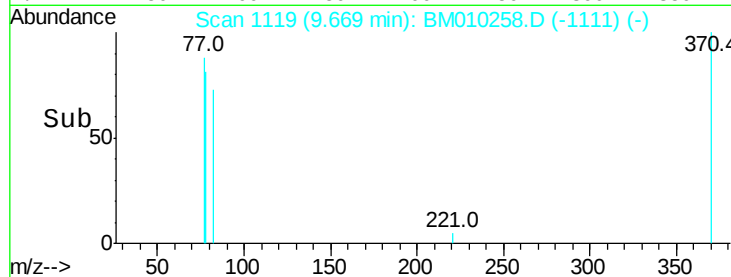
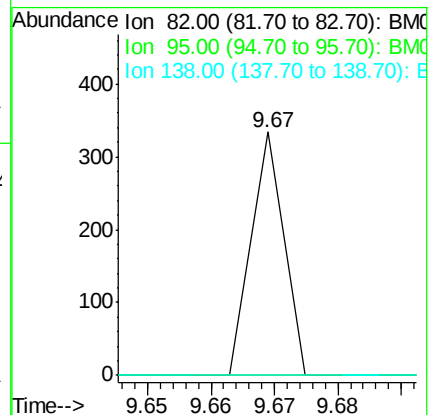
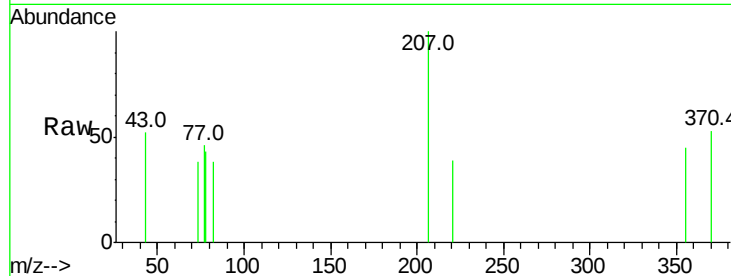
Tot Ion: 82 Resp: 118

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



#31

Naphthalene

Concen: 1.57 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

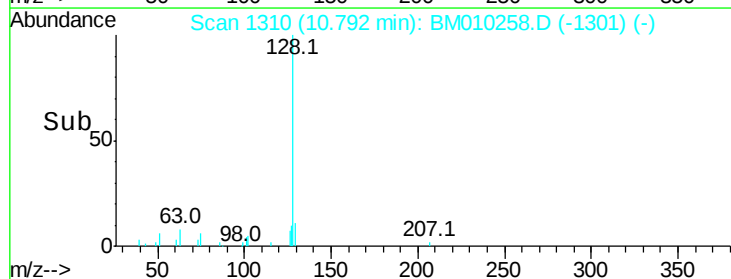
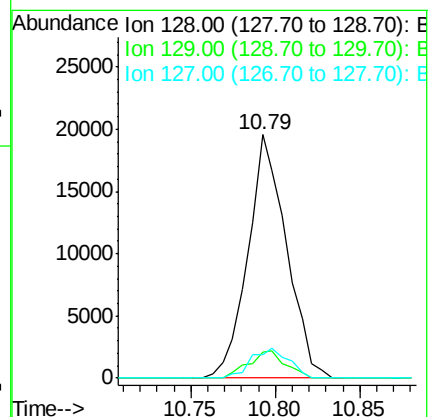
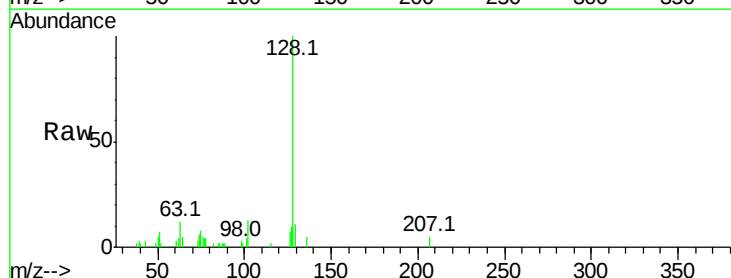
Tgt Ion: 128 Resp: 31052

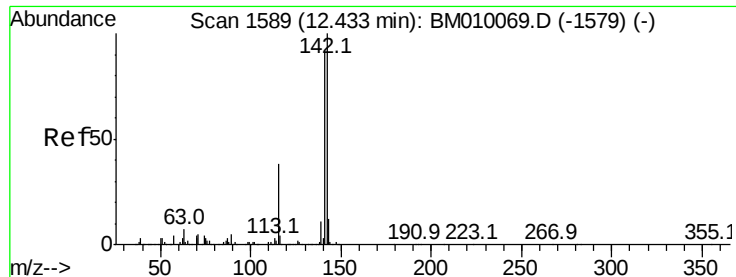
Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 9.6 10.4 15.6#

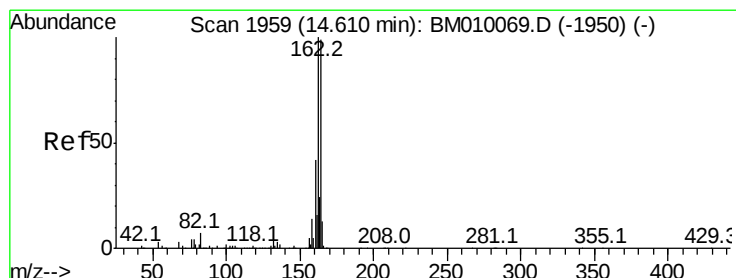
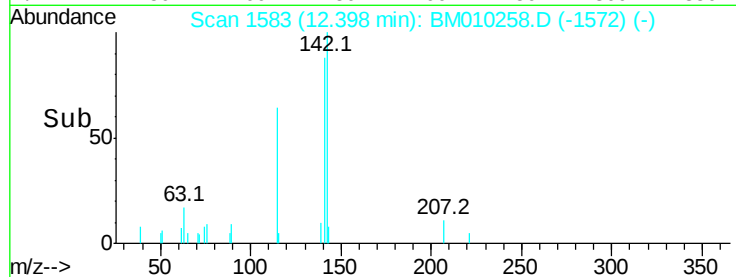
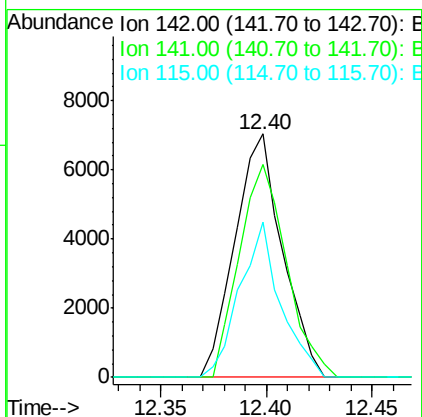
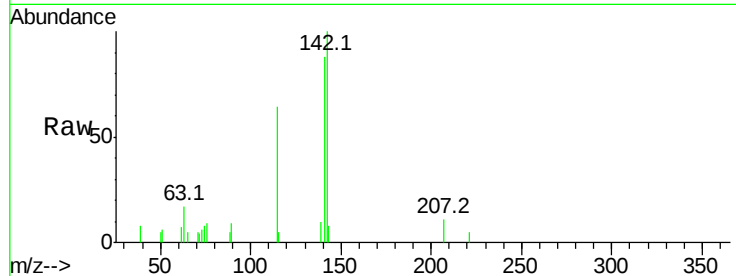




#37
 2-Methylnaphthalene
 Concen: 0.77 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

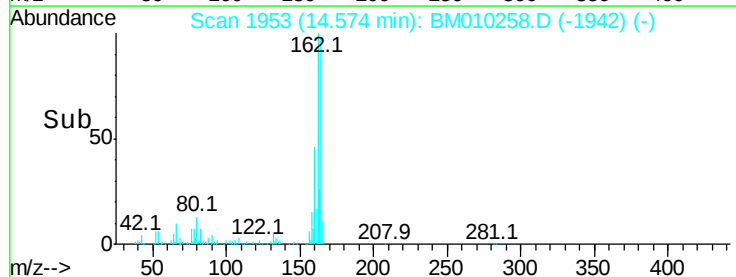
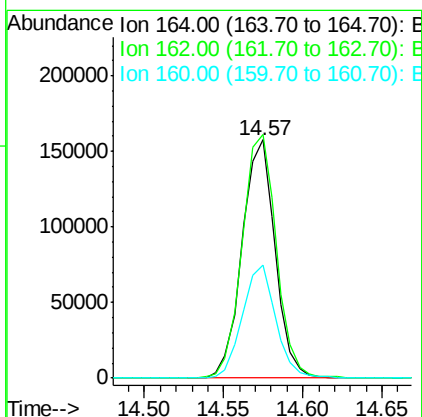
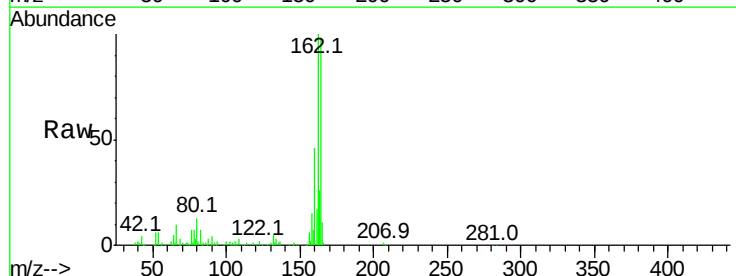
Instrument :
 BNA_M
 ClientSampleId :

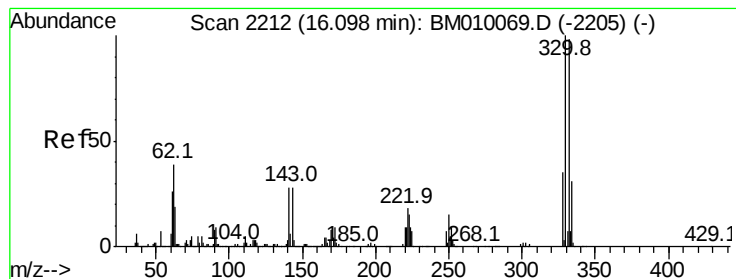
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.9	107.9
115	63.7	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	47.5	35.8	53.6

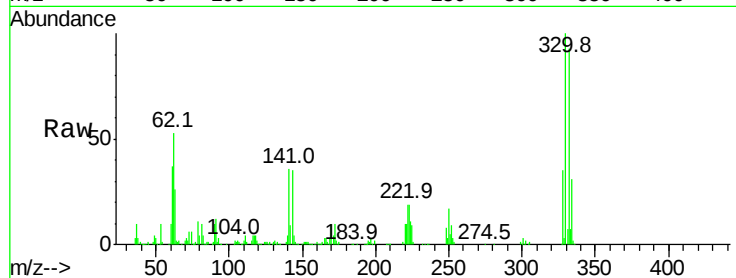




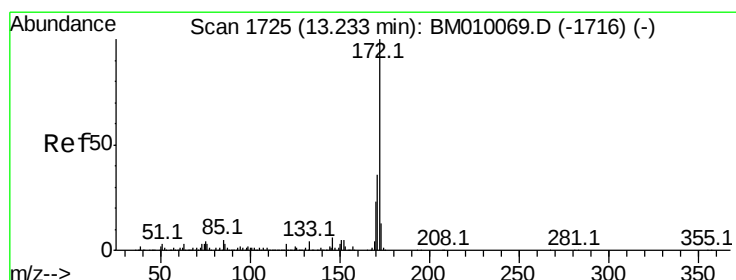
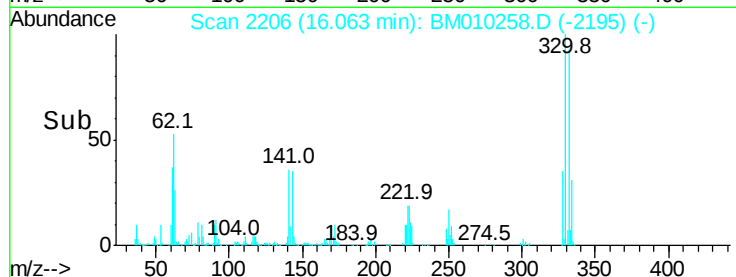
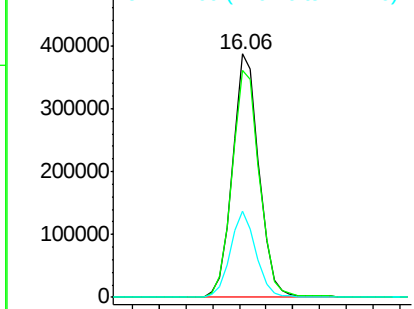
#41
 2,4,6-Tribromophenol
 Concen: 155.25 ng
 RT: 16.06 min Scan# 2206
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.3	0.0	0.0#

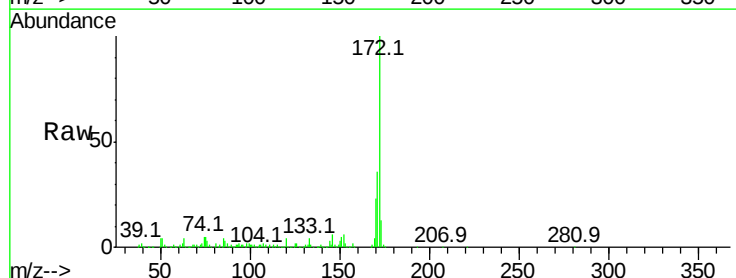


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

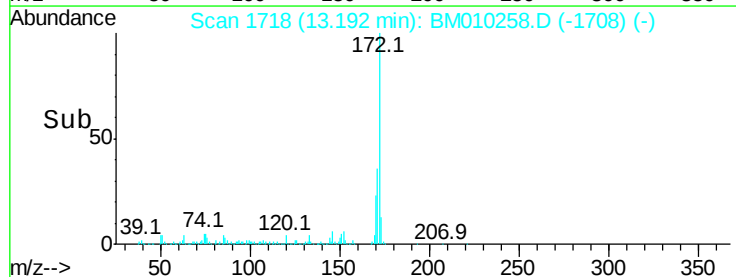
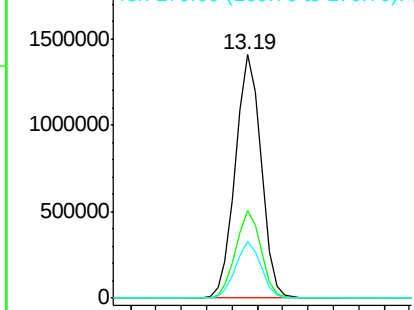


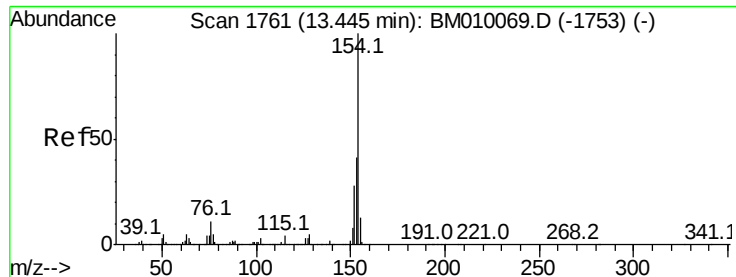
#44
 2-Fluorobiphenyl
 Concen: 111.66 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.2	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.19 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

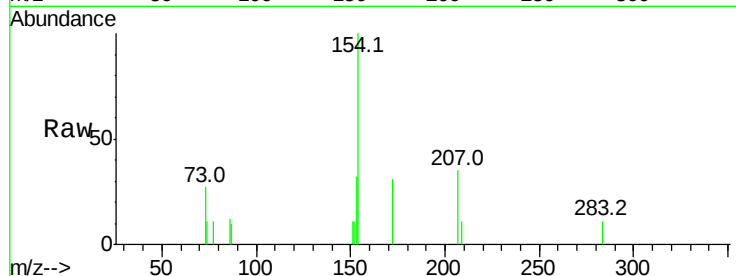
Tot Ion:154 Resp: 3508

Ion Ratio Lower Upper

154 100

153 31.6 20.7 60.7

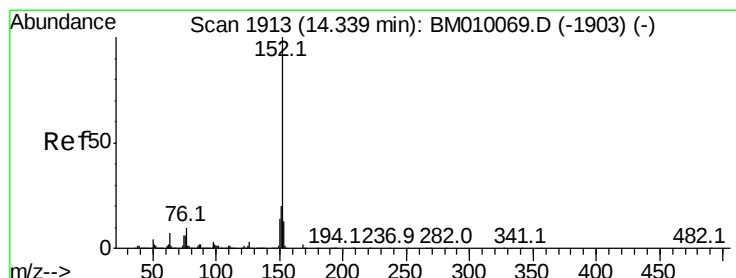
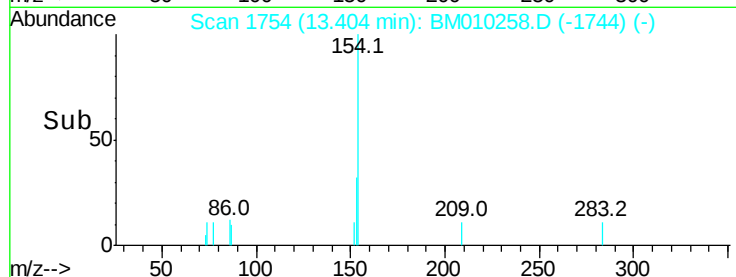
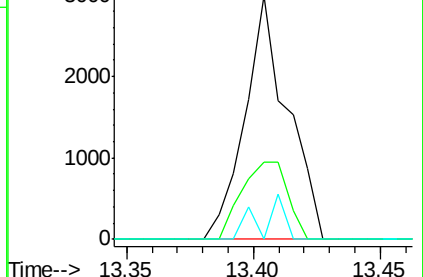
76 0.0 0.0 30.9



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): BM0



#48

Acenaphthylene

Concen: 0.01 ng

RT: 14.30 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

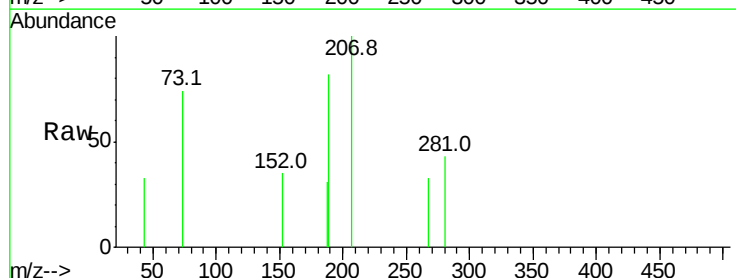
Tgt Ion:152 Resp: 121

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

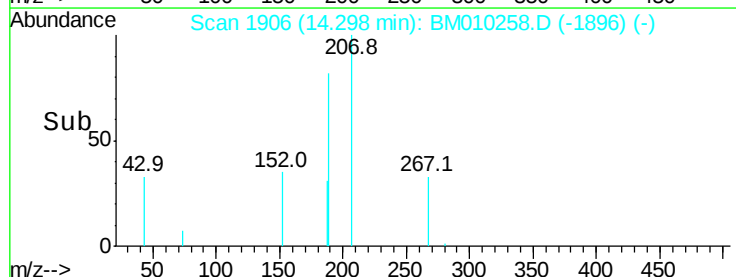
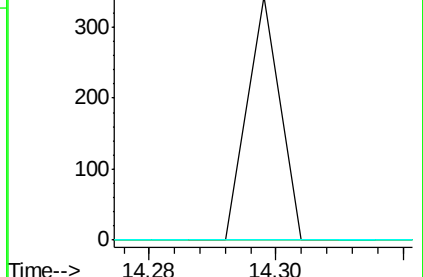
153 0.0 10.6 16.0#

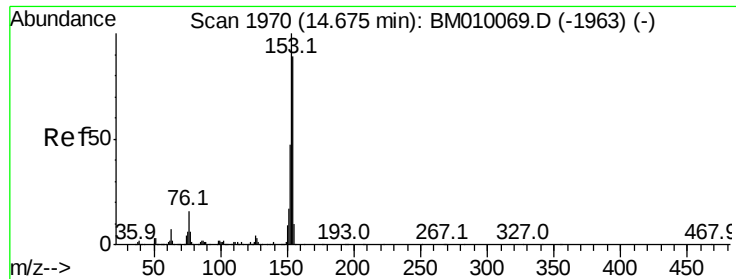


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 0.09 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

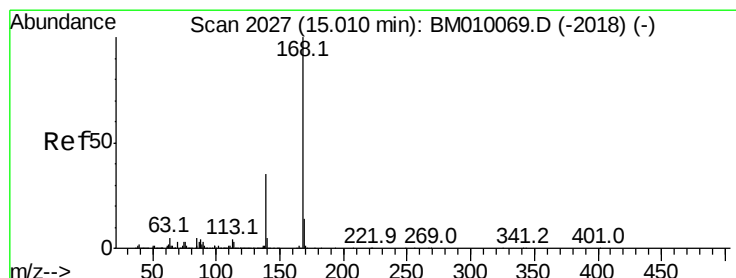
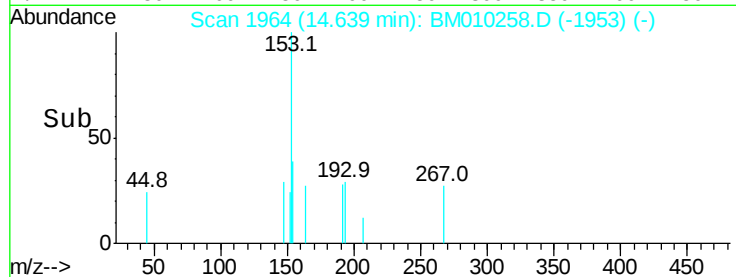
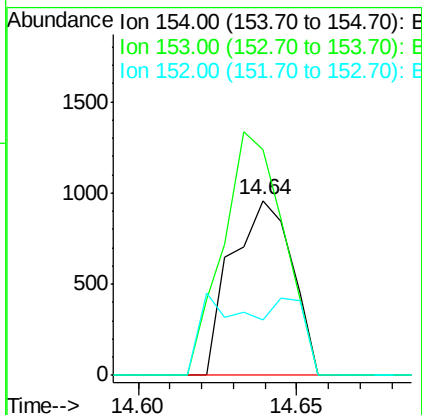
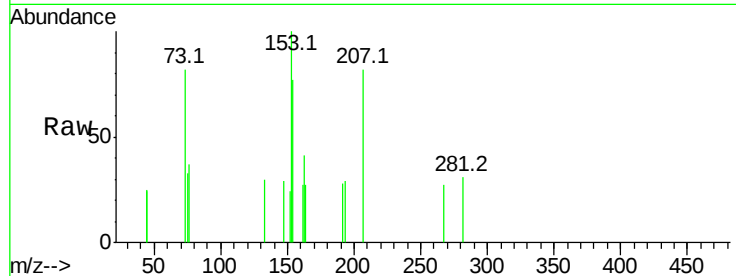
Tot Ion:154 Resp: 1272

Ion Ratio Lower Upper

154 100

153 129.1 90.0 135.0

152 31.6 42.6 63.8#



#54

Dibenzofuran

Concen: 0.04 ng

RT: 14.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

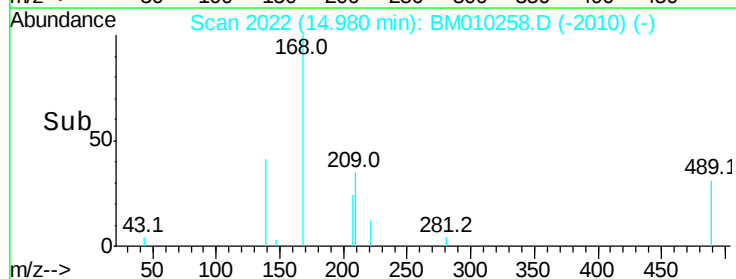
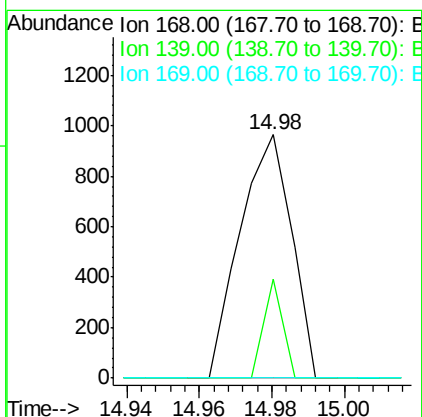
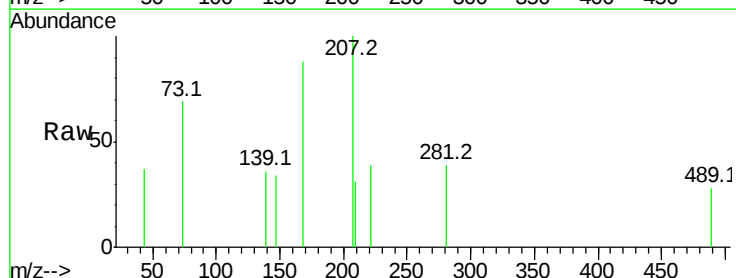
Tgt Ion:168 Resp: 949

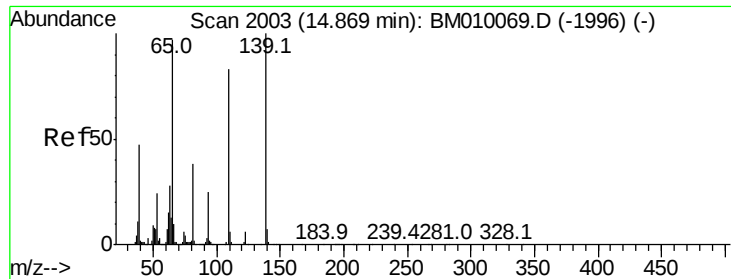
Ion Ratio Lower Upper

168 100

139 40.5 27.3 40.9

169 0.0 10.6 16.0#

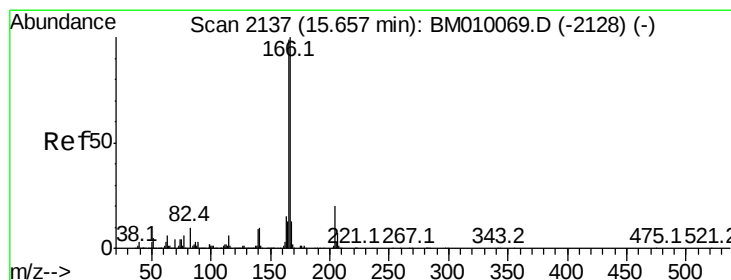
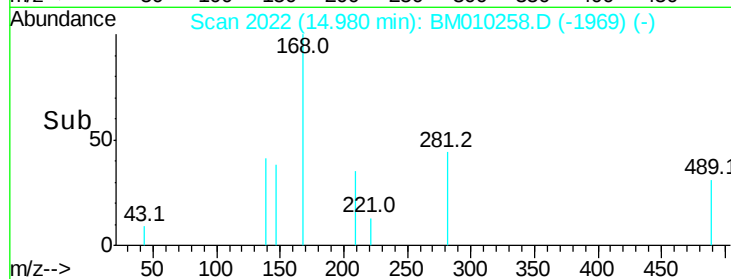
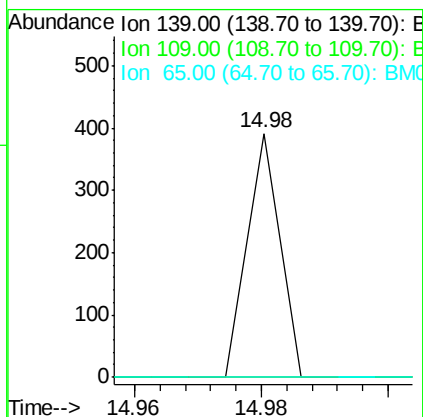
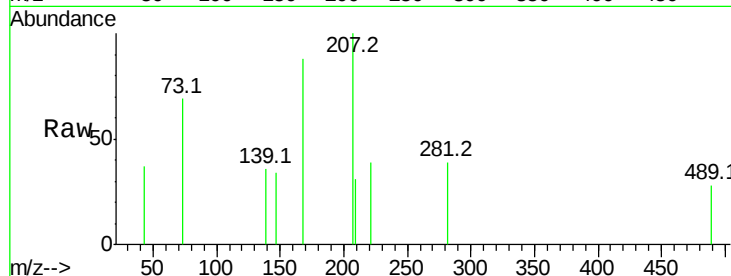




#55
4-Nitrophenol
Concen: 0.05 ng
RT: 14.98 min Scan# 2022
Delta R.T. 0.11 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

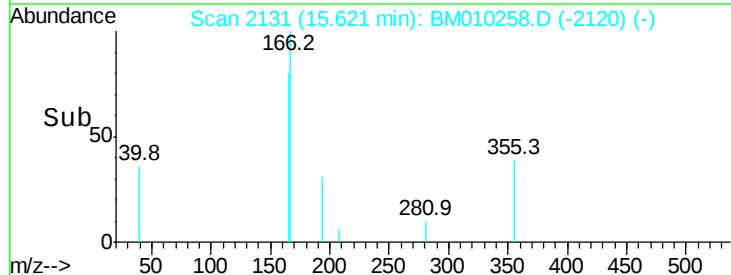
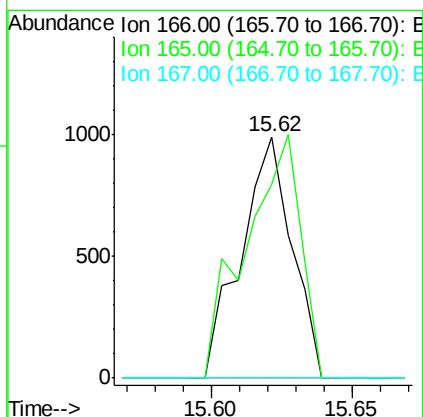
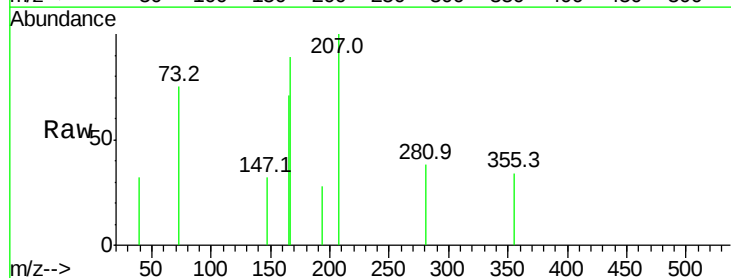
Instrument :
BNA_M
ClientSampleId :

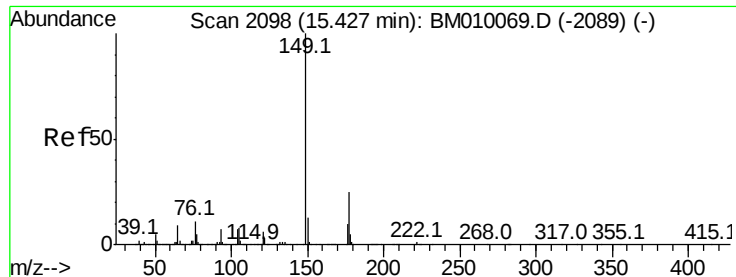
Tot Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#



#57
Fluorene
Concen: 0.06 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:166 Resp: 1239
Ion Ratio Lower Upper
166 100
165 80.0 79.0 118.4
167 0.0 10.3 15.5#

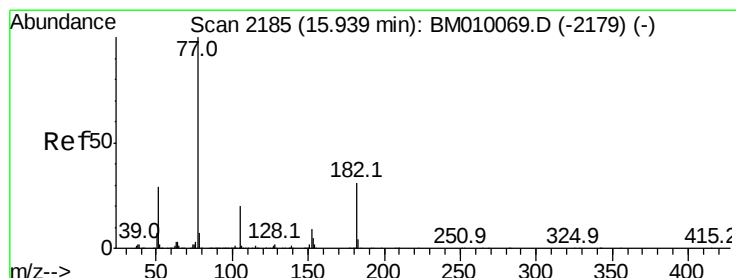
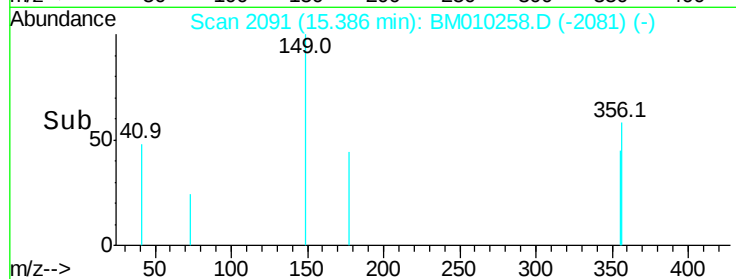
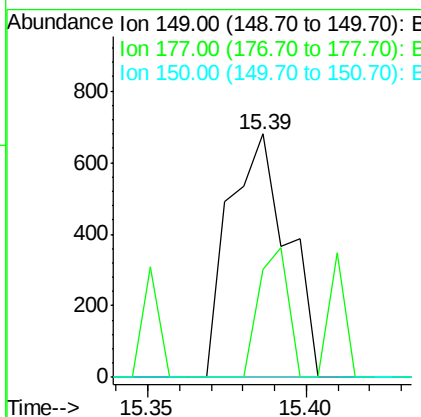
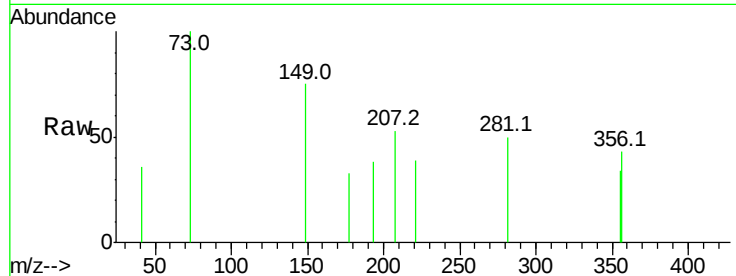




#59
Diethylphthalate
Concen: 0.05 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

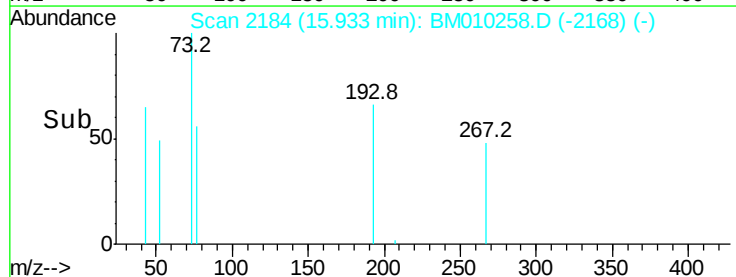
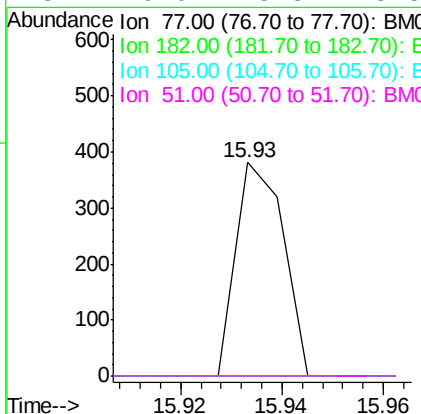
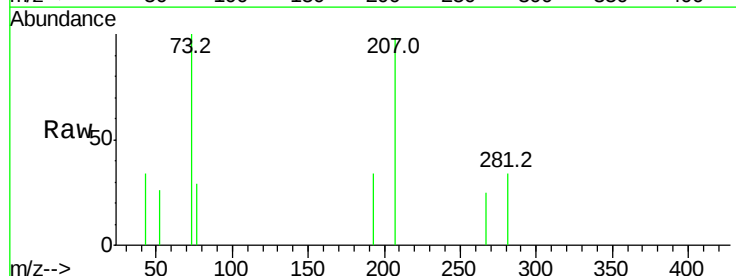
Instrument :
BNA_M
ClientSampled :

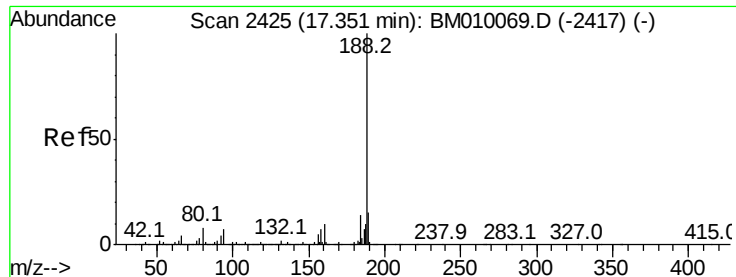
Tot Ion:149 Resp: 868
Ion Ratio Lower Upper
149 100
177 44.4 18.3 27.5#
150 0.0 9.8 14.8#



#62
Azobenzene
Concen: 0.02 ng
RT: 15.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion: 77 Resp: 247
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#

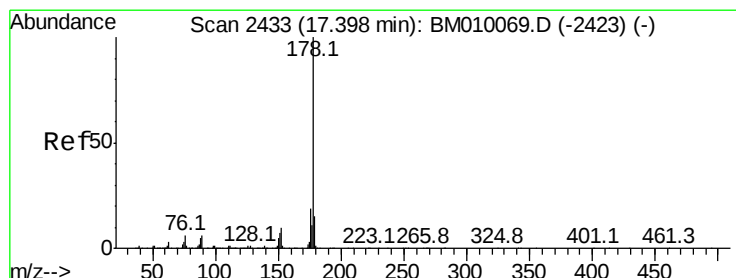
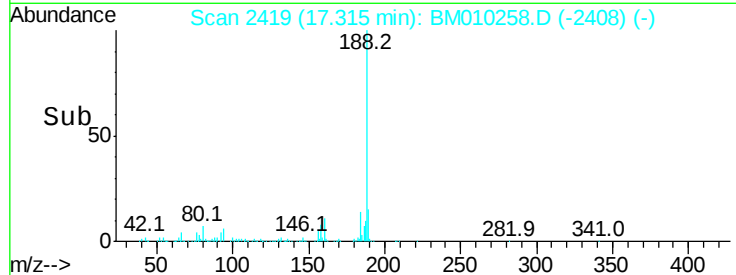
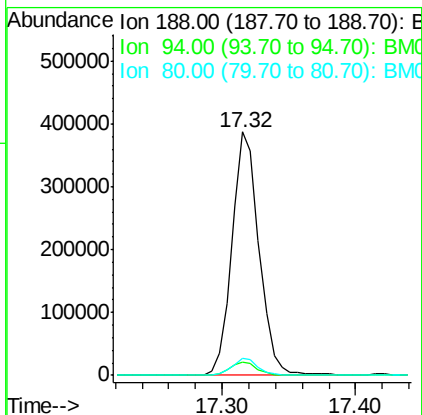
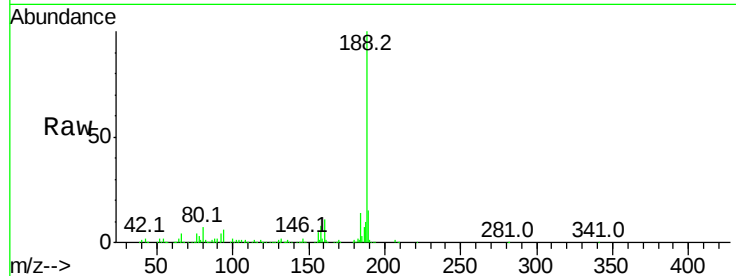




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.32 min Scan# 2419
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

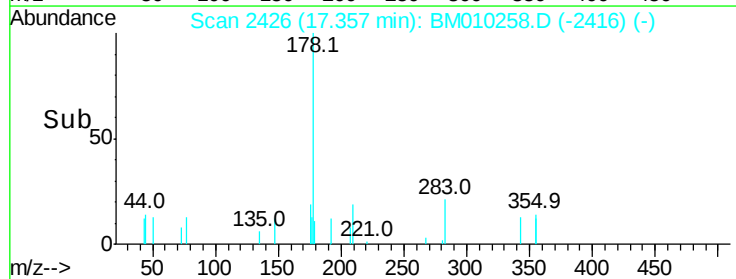
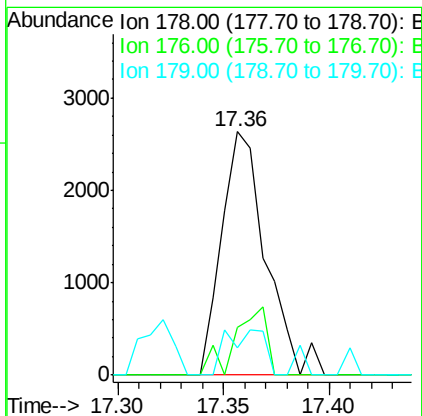
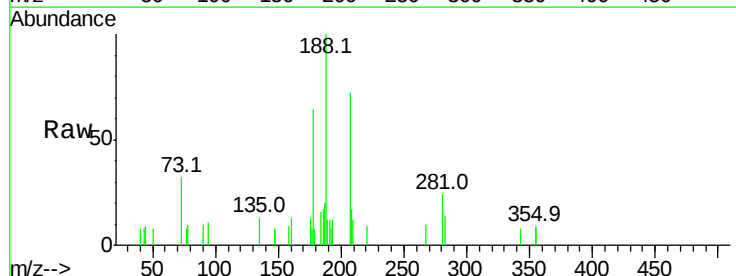
Instrument :
 BNA_M
 ClientSampled :

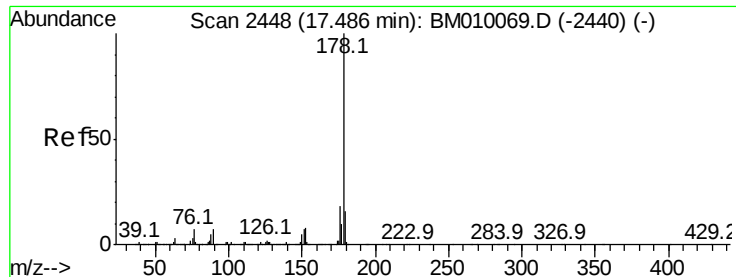
Tot Ion:188 Resp: 546800
 Ion Ratio Lower Upper
 188 100
 94 5.5 8.7 13.1#
 80 7.1 9.3 13.9#



#70
 Phenanthrene
 Concen: 0.12 ng
 RT: 17.36 min Scan# 2426
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion:178 Resp: 3823
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 11.5 12.1 18.1#





#71

Anthracene

Concen: 0.01 ng

RT: 17.46 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampleId :

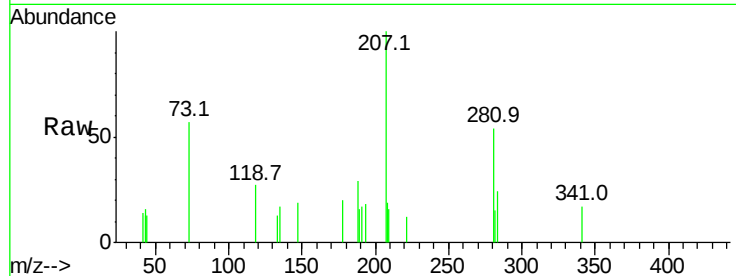
Tot Ion:178 Resp: 333

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

179 0.0 12.6 19.0#

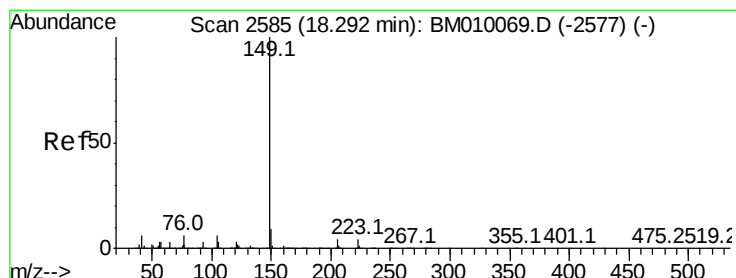
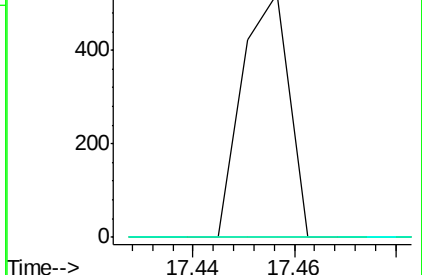
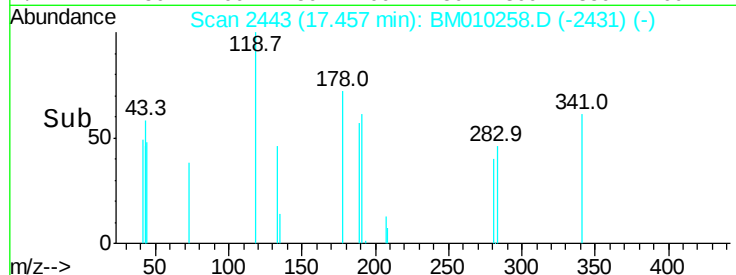


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 0.07 ng

RT: 18.25 min Scan# 2578

Delta R.T. -0.04 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

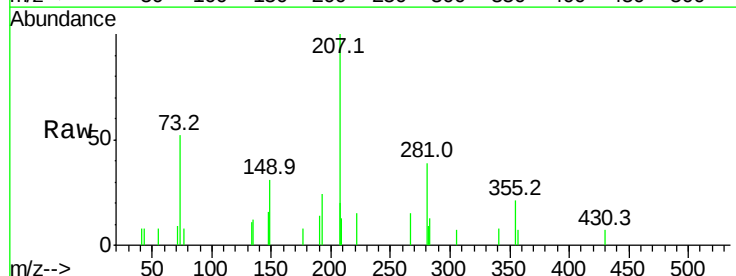
Tgt Ion:149 Resp: 2242

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.7 5.5#

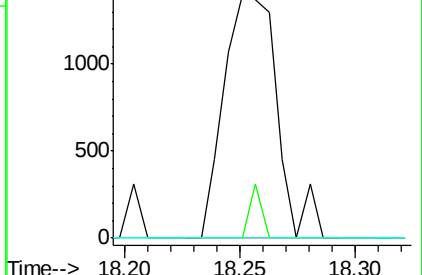
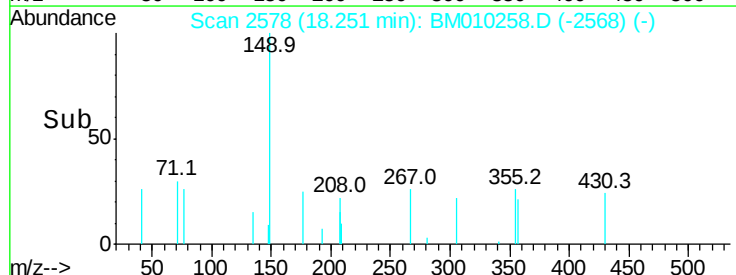


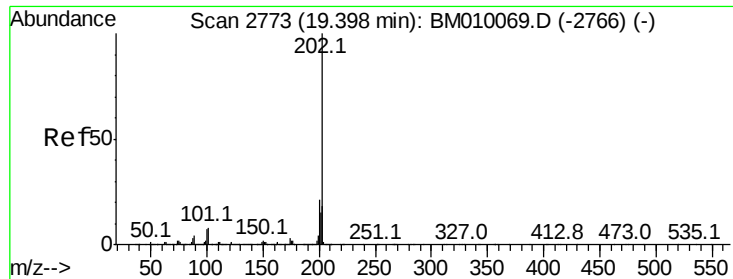
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#74

Fluoranthene

Concen: 0.05 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.03 min

Lab File: BM010258.D

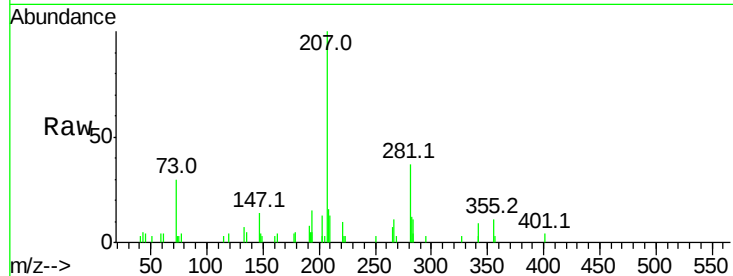
Acq: 26 May 2017 15:47

Instrument :

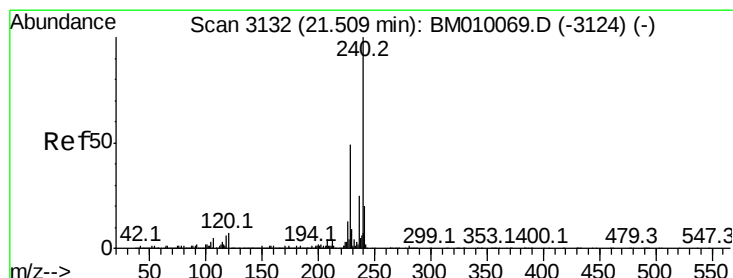
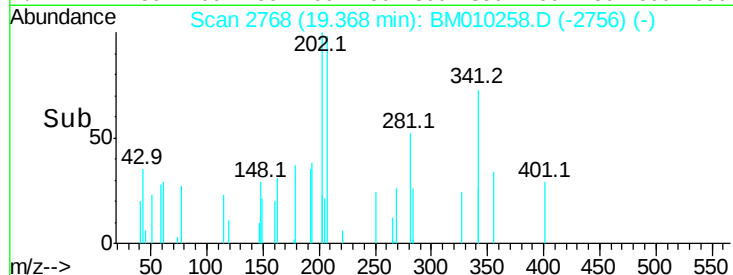
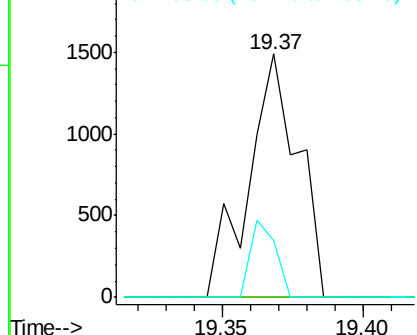
BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	1813
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	23.3	0.0	37.2



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



#75

Chrysene-d12

Concen: 20.00 ng

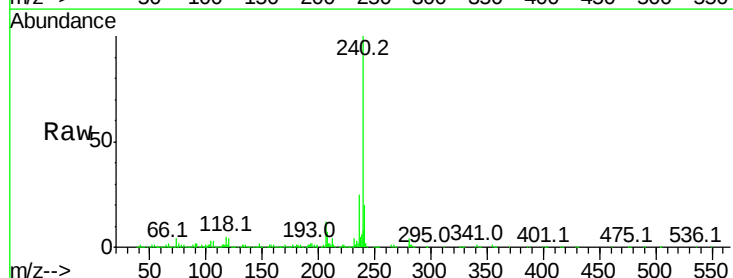
RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

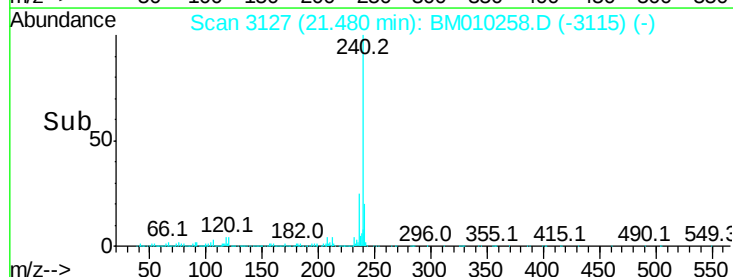
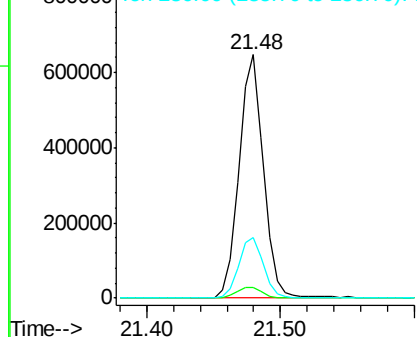
Lab File: BM010258.D

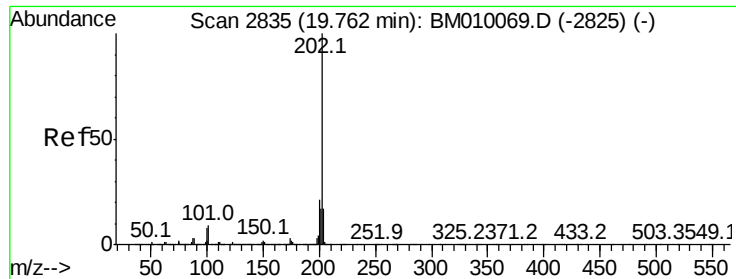
Acq: 26 May 2017 15:47

Tgt Ion:	240	Resp:	820157
Ion	Ratio	Lower	Upper
240	100		
120	4.4	8.2	12.2#
236	25.0	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.01 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

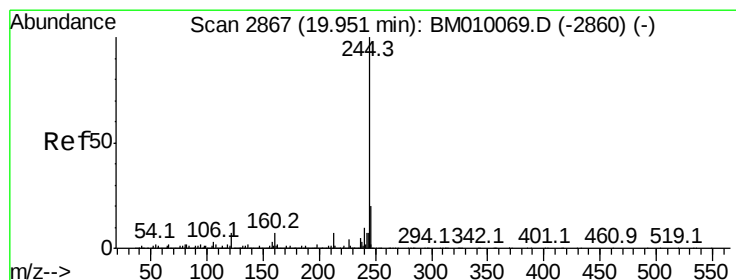
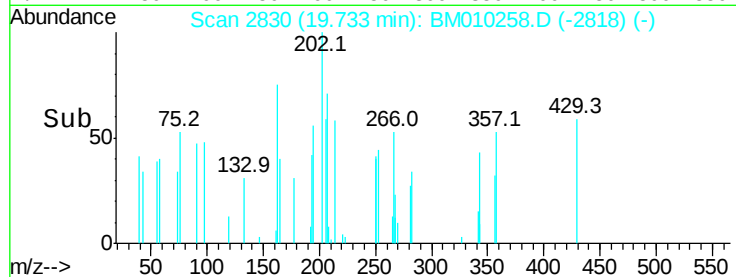
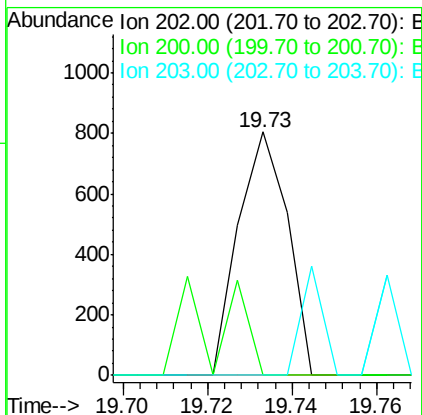
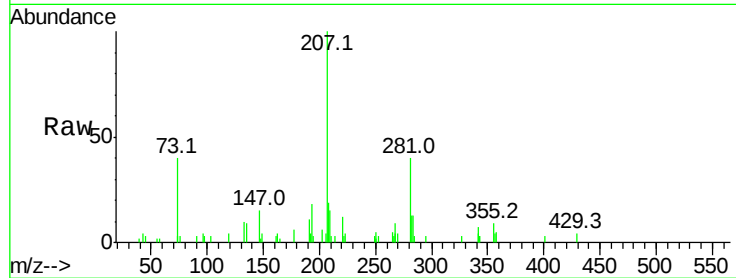
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp: 649

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



#78

Terphenyl-d14

Concen: 91.34 ng

RT: 19.92 min Scan# 2862

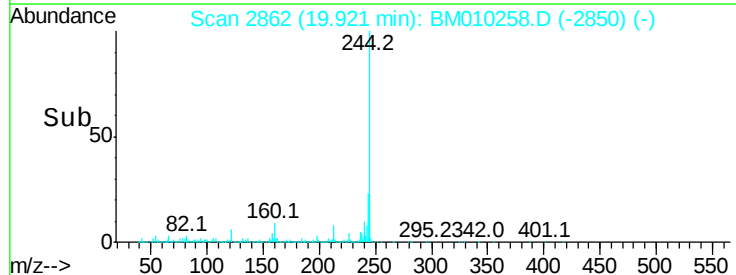
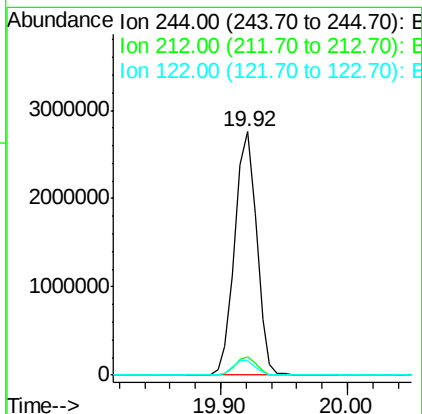
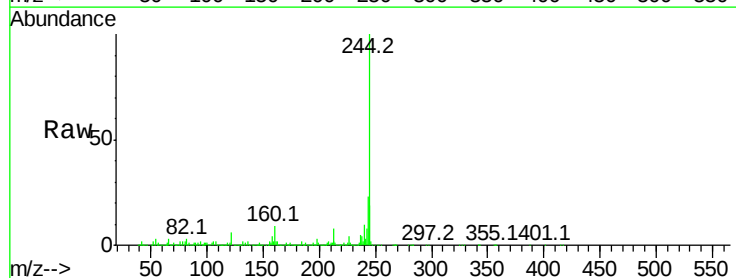
Delta R.T. -0.03 min

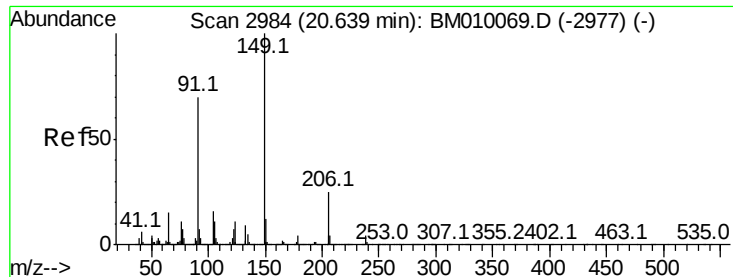
Lab File: BM010258.D

Acq: 26 May 2017 15:47

Tgt Ion:244 Resp: 3294531

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	6.0	6.2	9.4#

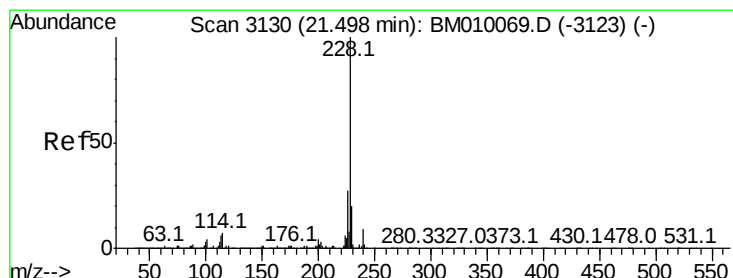
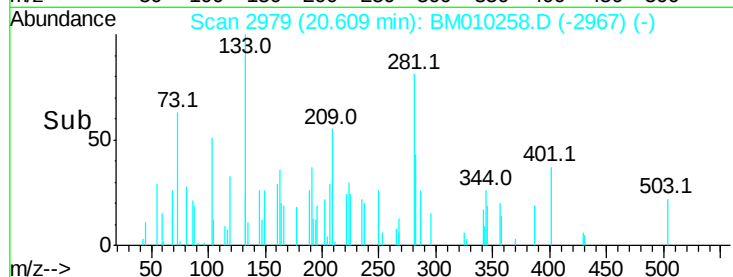
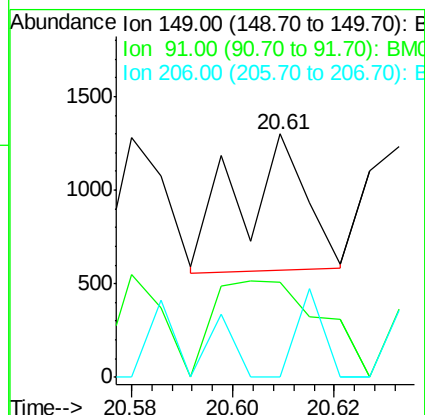
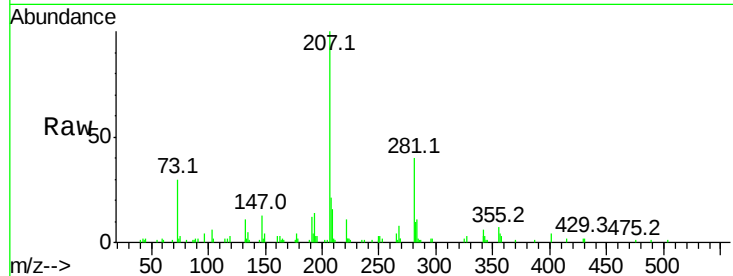




#79
Butylbenzylphthalate
Concen: 0.04 ng
RT: 20.61 min Scan# 2979
Delta R.T. -0.03 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

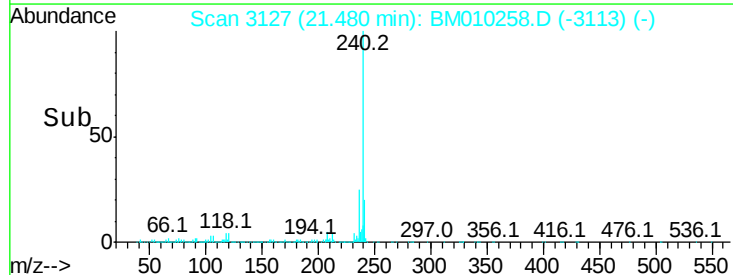
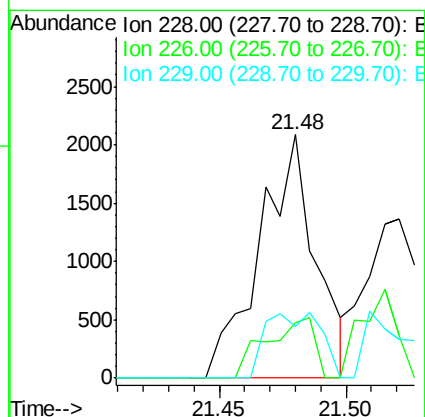
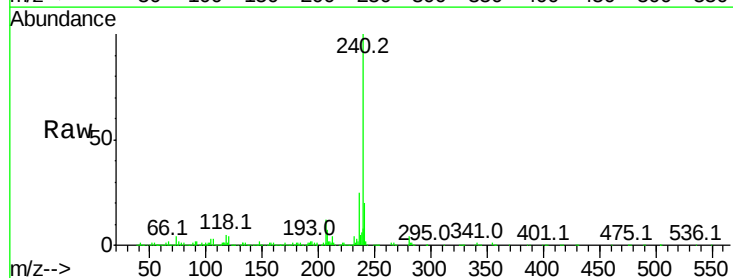
Instrument :
BNA_M
ClientSampled :

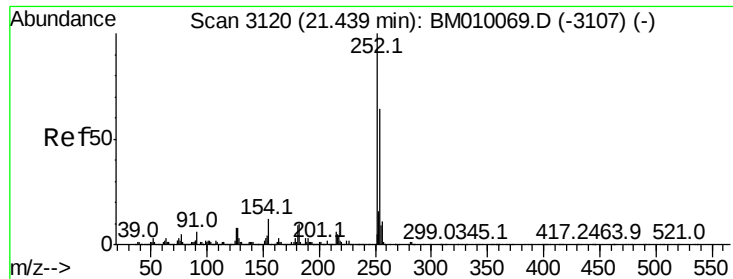
Tot Ion:149 Resp: 666
Ion Ratio Lower Upper
149 100
91 39.0 50.1 75.1#
206 0.0 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:228 Resp: 3214
Ion Ratio Lower Upper
228 100
226 22.7 21.7 32.5
229 21.2 16.0 24.0

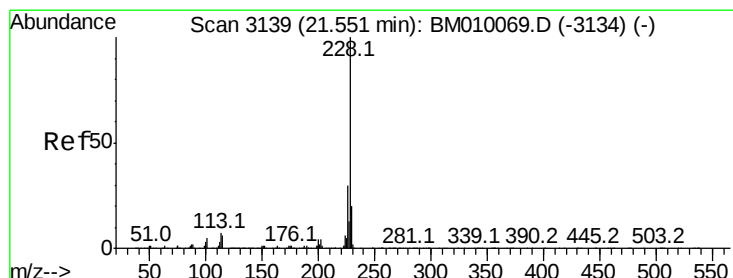
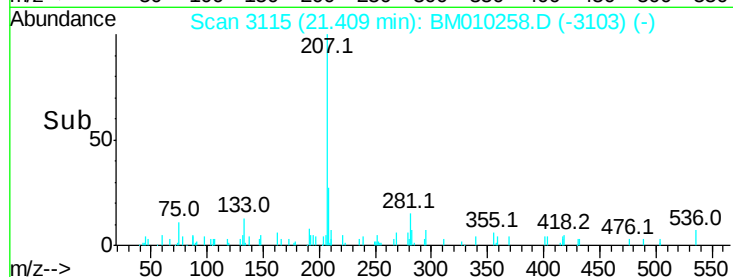
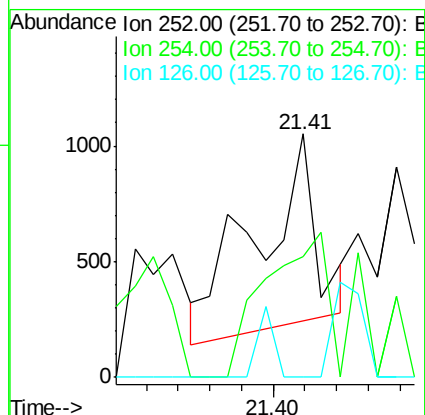
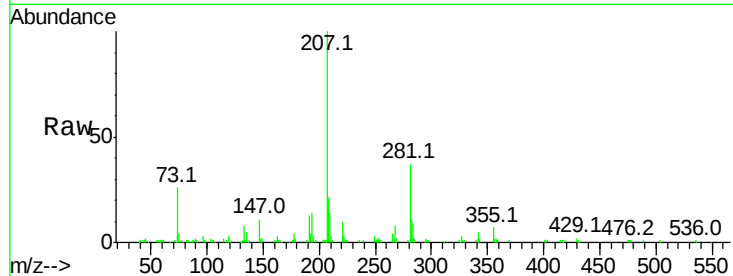




#81
 3,3'-Dichlorobenzidine
 Concen: 0.06 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

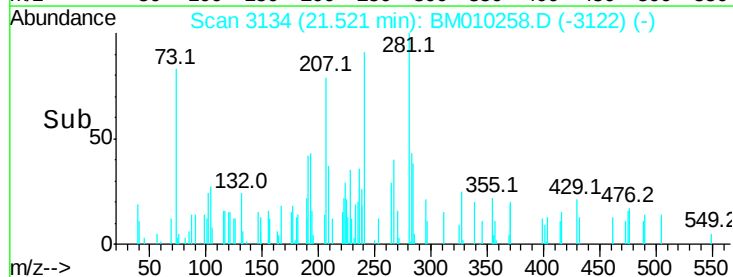
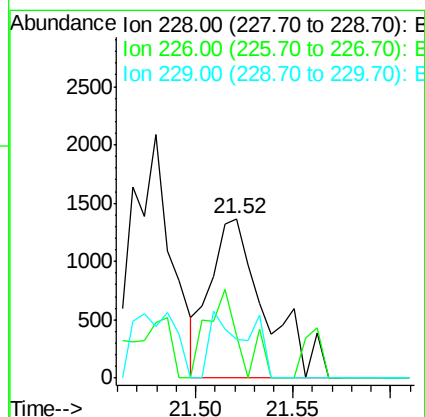
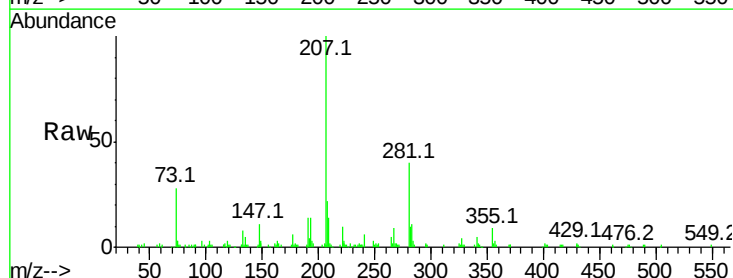
Instrument :
 BNA_M
 ClientSampleId :

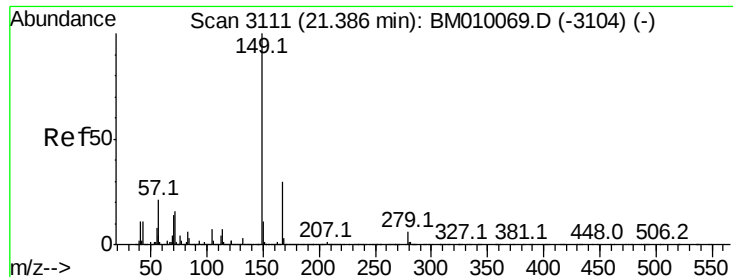
Tot Ion:252 Resp: 1055
 Ion Ratio Lower Upper
 252 100
 254 49.5 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.06 ng
 RT: 21.52 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion:228 Resp: 2678
 Ion Ratio Lower Upper
 228 100
 226 26.4 24.1 36.1
 229 24.5 15.5 23.3#

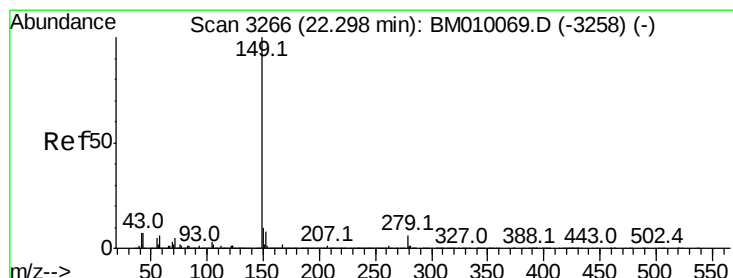
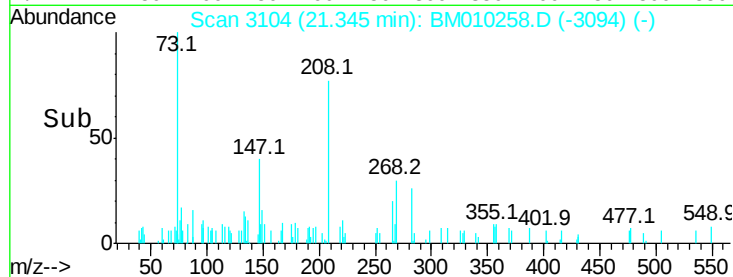
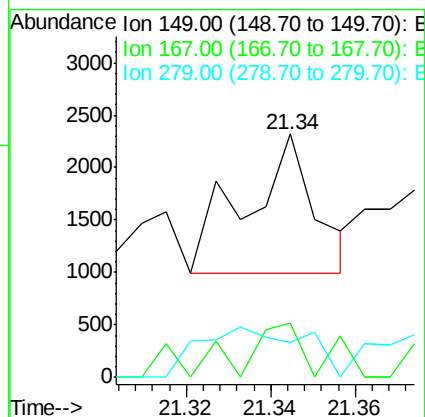
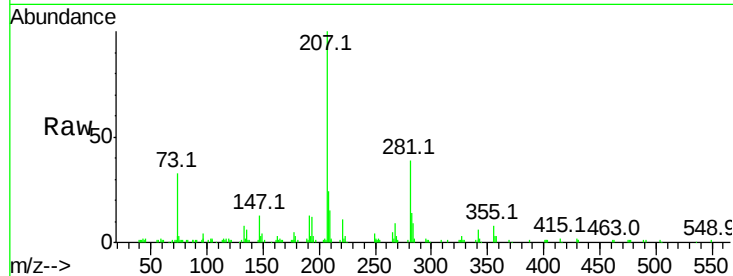




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

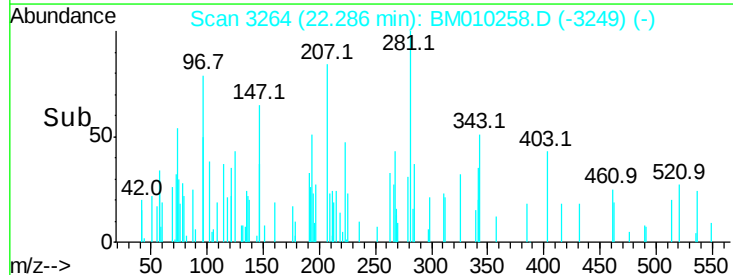
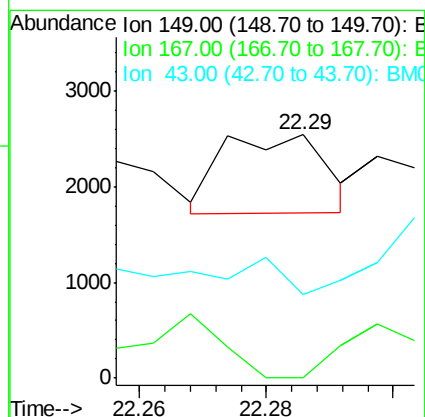
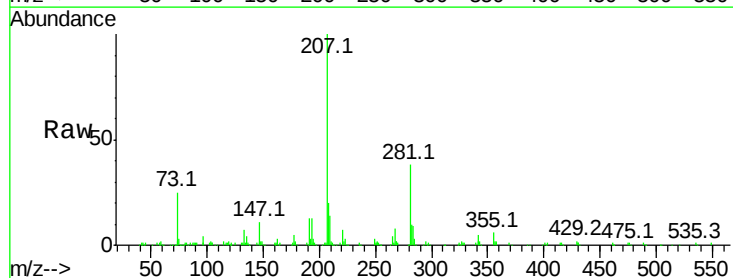
Instrument :
 BNA_M
 ClientSampleId :

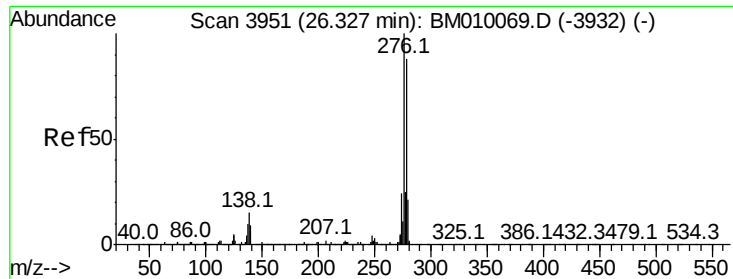
Tot Ion:149 Resp: 1519
 Ion Ratio Lower Upper
 149 100
 167 22.3 22.4 33.6#
 279 14.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.02 ng
 RT: 22.29 min Scan# 3264
 Delta R.T. -0.01 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Tgt Ion:149 Resp: 916
 Ion Ratio Lower Upper
 149 100
 167 64.8 1.2 1.8#
 43 69.4 7.3 10.9#

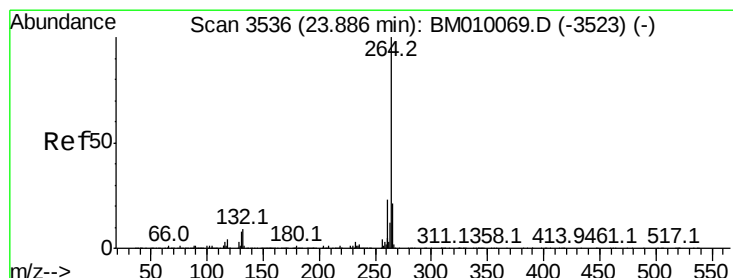
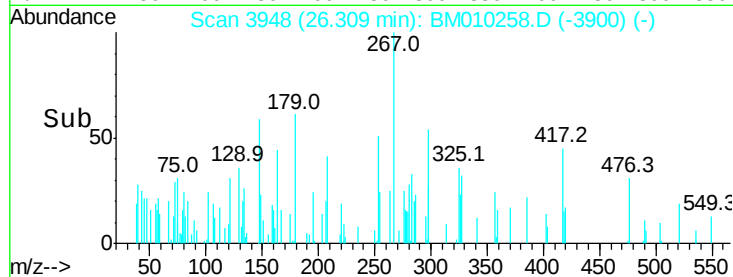
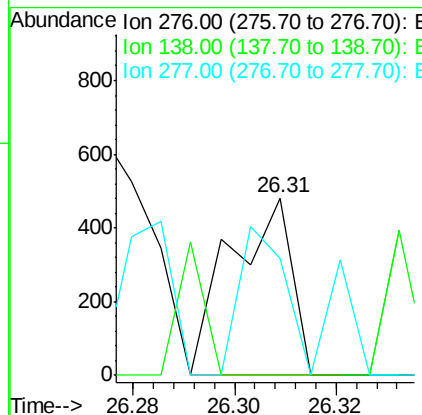
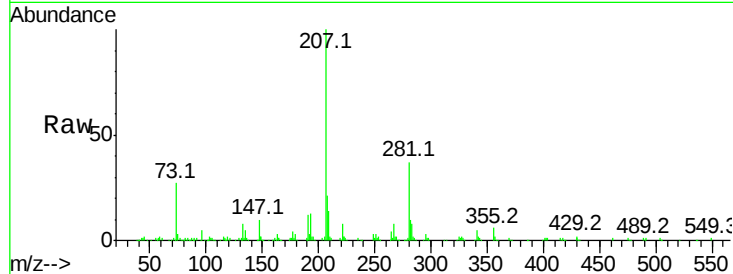




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.31 min Scan# 3948
Delta R.T. -0.02 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

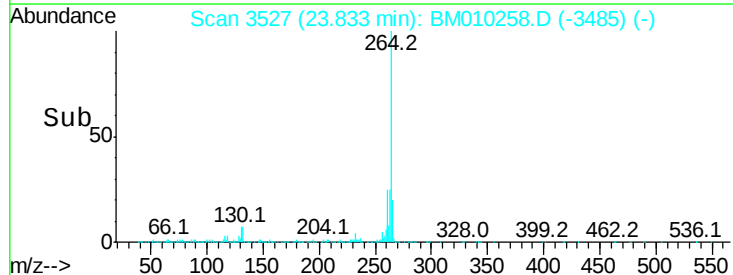
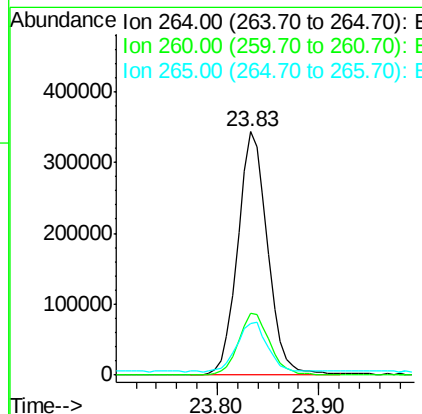
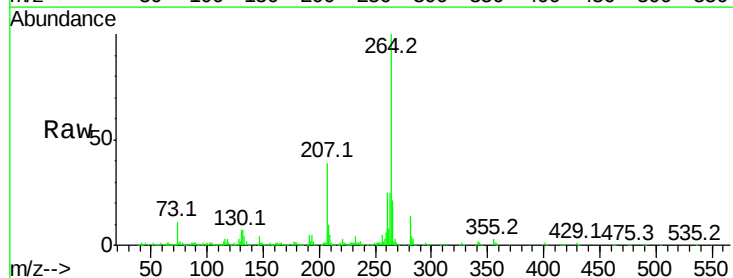
Instrument :
BNA_M
ClientSampleId :

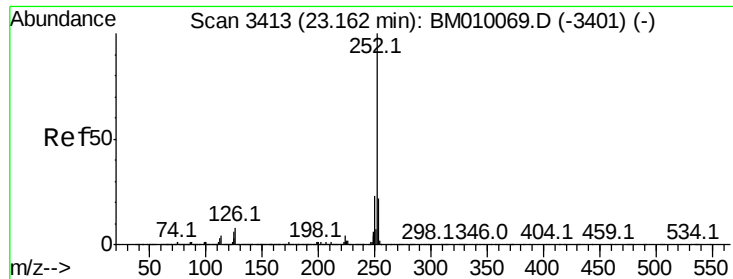
Tot Ion:276 Resp: 406
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 90.1 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:264 Resp: 702424
Ion Ratio Lower Upper
264 100
260 25.2 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.07 ng

RT: 23.12 min Scan# 3405

Delta R.T. -0.05 min

Lab File: BM010258.D

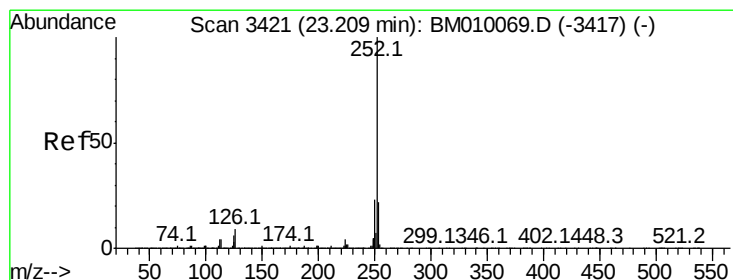
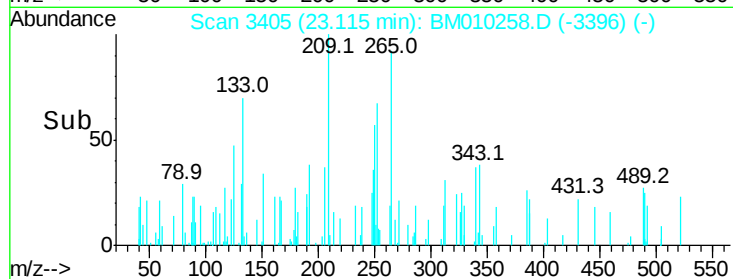
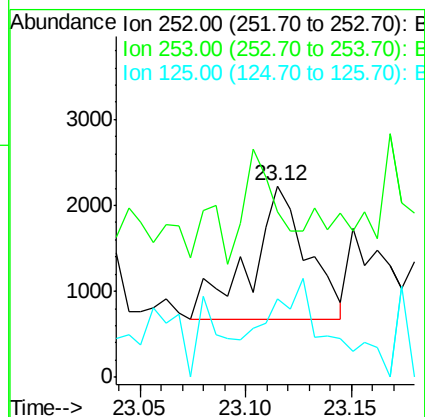
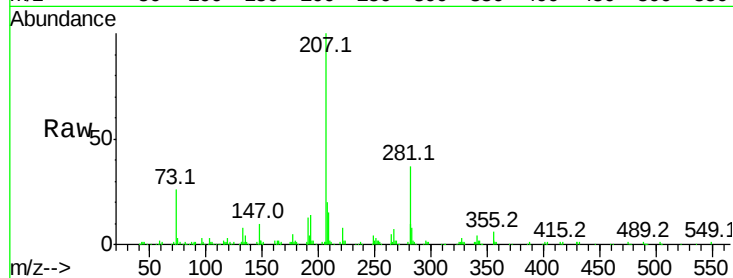
Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	2870
Ion Ratio	Lower	Upper
252	100	
253	86.8	18.0 27.0#
125	41.2	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.04 ng

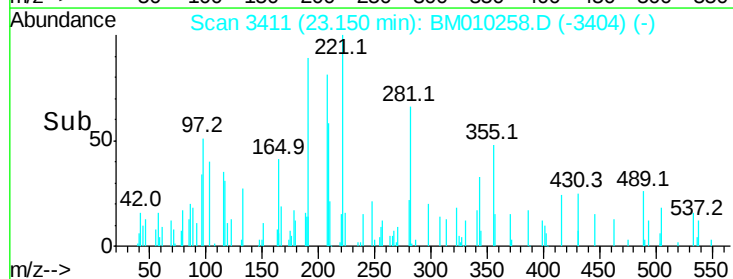
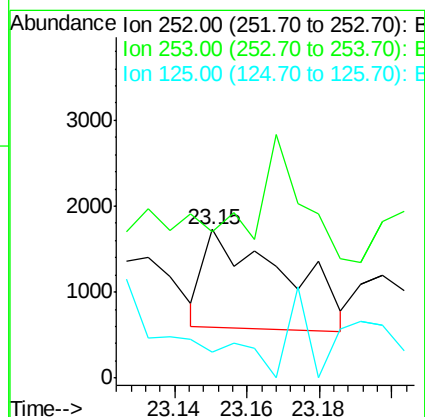
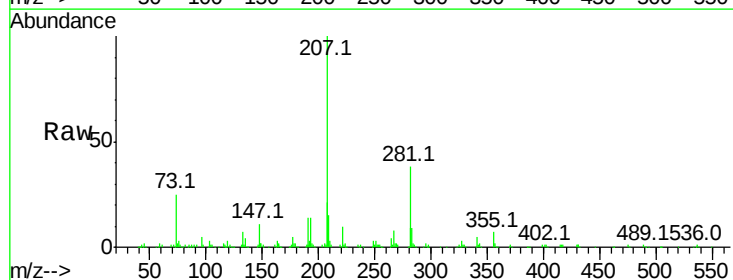
RT: 23.15 min Scan# 3411

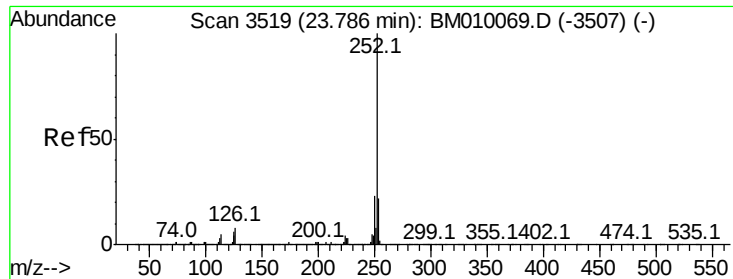
Delta R.T. -0.06 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Tgt Ion:252	Resp:	1756
Ion Ratio	Lower	Upper
252	100	
253	98.8	17.2 25.8#
125	17.7	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.72 min Scan# 3508

Delta R.T. -0.06 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

Instrument :

BNA_M

ClientSampled :

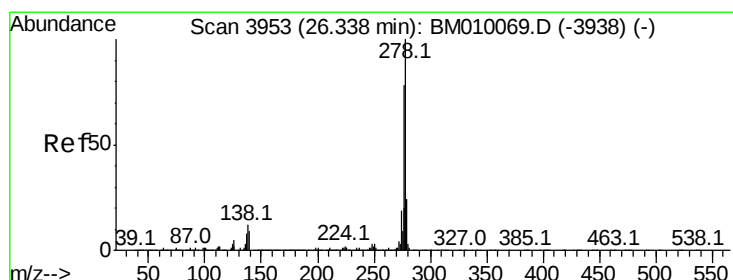
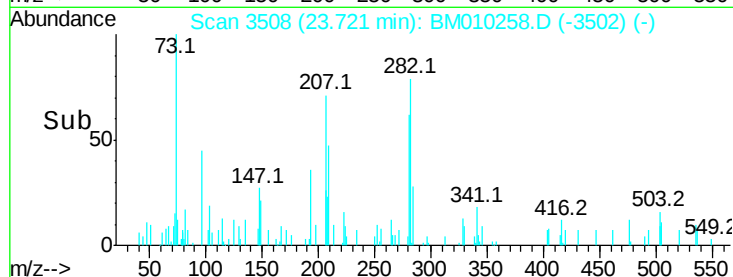
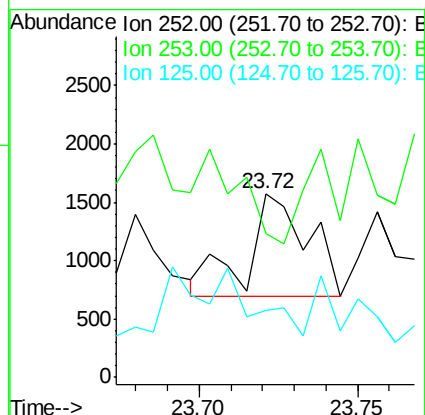
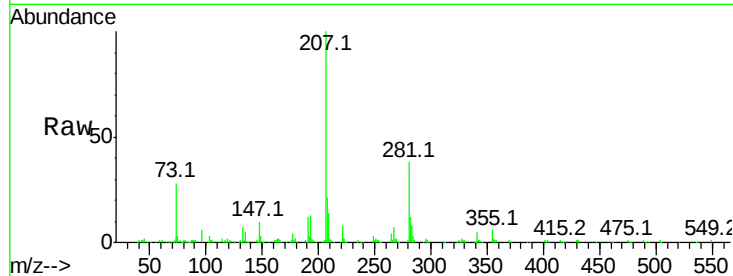
Tot Ion:252 Resp: 1176

Ion Ratio Lower Upper

252 100

253 78.0 17.6 26.4#

125 36.4 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.27 min Scan# 3942

Delta R.T. -0.06 min

Lab File: BM010258.D

Acq: 26 May 2017 15:47

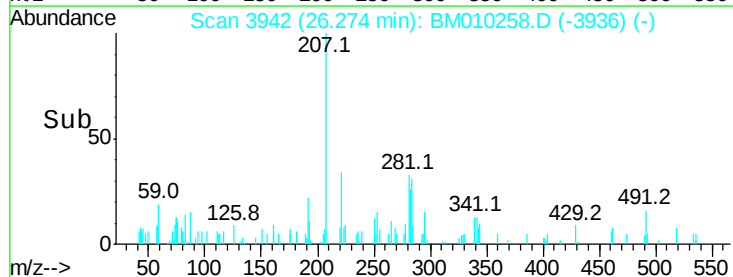
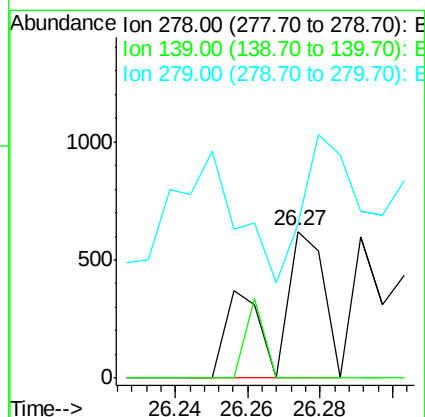
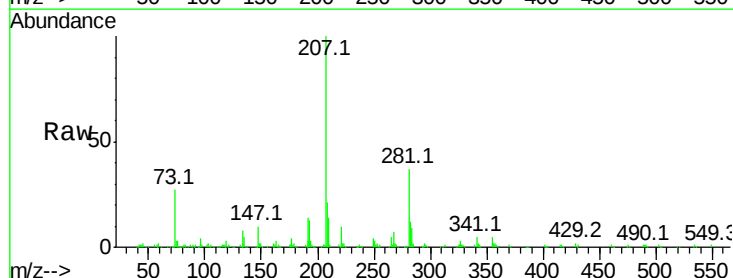
Tgt Ion:278 Resp: 649

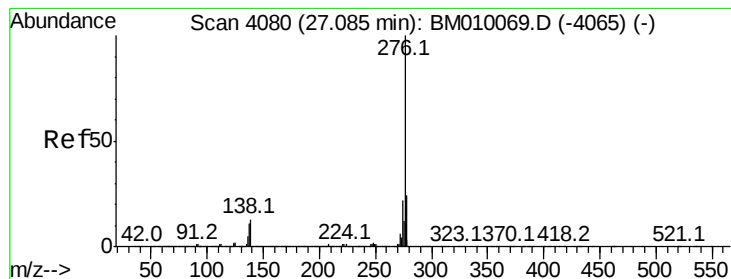
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 105.2 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 0.01 ng
 RT: 27.02 min Scan# 4069
 Delta R.T. -0.06 min
 Lab File: BM010258.D
 Acq: 26 May 2017 15:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	69.6	18.5	27.7#
138	0.0	19.0	28.6#

