

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010084.D
 Acq On : 20 May 2017 00:14
 Operator : SJ/MA
 Sample : I3202-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:04:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 14:14:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	170326	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	587762	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	297055	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	891155	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1062848	20.00	ng	0.00
86) Perylene-d12	23.87	264	82590	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1111628	117.86	ng	0.00
7) Phenol-d6	7.16	99	1202931	99.12	ng	0.00
23) Nitrobenzene-d5	9.16	82	903262	82.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	707802	156.88	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2370881	102.60	ng	0.00
78) Terphenyl-d14	19.94	244	4811956	102.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	216	0.05	ng	# 100
3) Pyridine	3.87	79	312	0.03	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	230	0.05	ng	# 3
8) 2-Chlorophenol	7.55	128	292	0.03	ng	# 1
9) Benzaldehyde	7.11	77	375	0.05	ng	# 2
10) Phenol	7.20	94	1483	0.12	ng	# 24
14) 1,2-Dichlorobenzene	8.32	146	136	0.01	ng	# 1
15) Benzyl Alcohol	8.29	79	18357	2.00	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.50	45	578	0.06	ng	# 1
22) Acetophenone	8.82	105	509	0.03	ng	# 52
24) Nitrobenzene	9.23	77	852	0.08	ng	# 42
25) Isophorone	9.71	82	119	0.01	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	172	0.02	ng	# 6
31) Naphthalene	10.83	128	8223	0.26	ng	# 88
32) Benzoic acid	10.04	122	113	0.02	ng	# 33
34) Hexachlorobutadiene	11.14	225	124	0.01	ng	# 20
37) 2-Methylnaphthalene	12.43	142	1665	0.07	ng	# 81
45) 1,1'-Biphenyl	13.43	154	2743	0.11	ng	# 84
49) Dimethylphthalate	14.05	163	268	0.01	ng	# 77
50) 2,6-Dinitrotoluene	14.12	165	137	0.03	ng	# 24
51) Acenaphthene	14.66	154	1165	0.06	ng	# 70
54) Dibenzofuran	15.00	168	1098	0.04	ng	# 81
55) 4-Nitrophenol	15.00	139	134	0.04	ng	# 18
57) Fluorene	15.64	166	759	0.03	ng	# 88
59) Diethylphthalate	15.41	149	2163	0.09	ng	# 88
62) Azobenzene	15.94	77	168	0.01	ng	# 50
65) n-Nitrosodiphenylamine	15.87	169	2055	0.08	ng	# 91
67) Hexachlorobenzene	16.60	284	362	0.03	ng	# 47
69) Pentachlorophenol	17.03	266	111	0.01	ng	# 28
70) Phenanthrene	17.39	178	4836	0.10	ng	# 85
71) Anthracene	17.47	178	711	0.01	ng	# 9
72) Carbazole	17.76	167	7522	0.17	ng	# 96
73) Di-n-butylphthalate	18.29	149	8718	0.17	ng	# 94
74) Fluoranthene	19.39	202	1087	0.02	ng	# 66

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

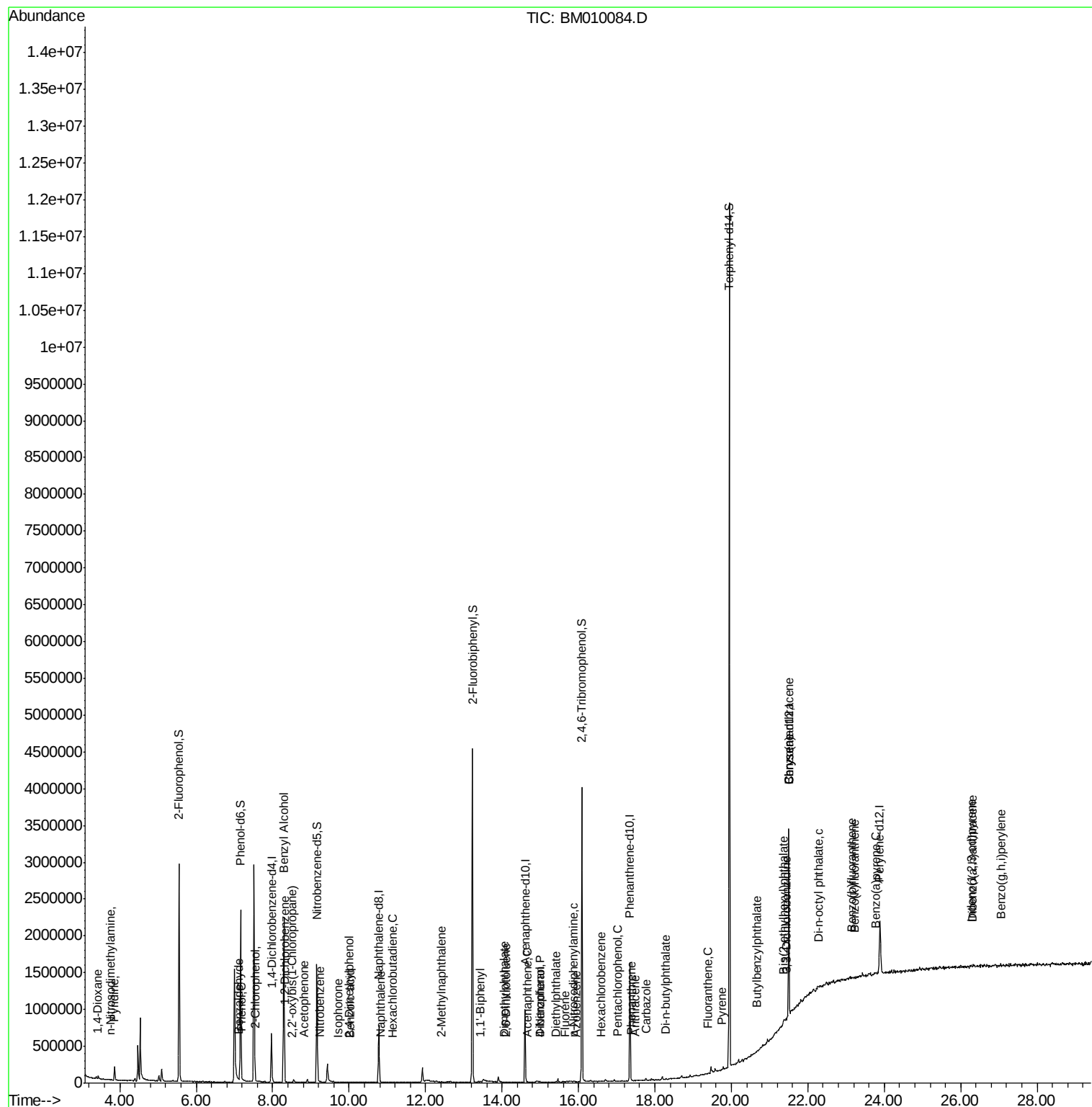
77) Pyrene	19.76	202	1701	0.03	nq	# 54
79) Butylbenzylphthalate	20.65	149	807	0.04	nq	# 60
80) Benzo(a)anthracene	21.51	228	5383	0.09	nq	# 54
81) 3,3'-Dichlorobenzidine	21.44	252	907	0.04	nq	# 67
82) Chrysene	21.51	228	5382	0.10	nq	# 53
83) Bis(2-ethylhexyl)phthalate	21.37	149	4476	0.14	nq	# 81
84) Di-n-octyl phthalate	22.29	149	658	0.01	nq	# 1
85) Indeno(1,2,3-cd)pyrene	26.29	276	8533	0.10	nq	# 100
87) Benzo(b)fluoranthene	23.15	252	919	0.19	nq	# 1
88) Benzo(k)fluoranthene	23.22	252	3325	0.70	nq	# 1
89) Benzo(a)pyrene	23.77	252	7151	1.55	nq	# 1
90) Dibenzo(a,h)anthracene	26.29	278	1280	0.25	nq	# 1
91) Benzo(a,h,i)perylene	27.06	276	9423	1.87	nq	# 92

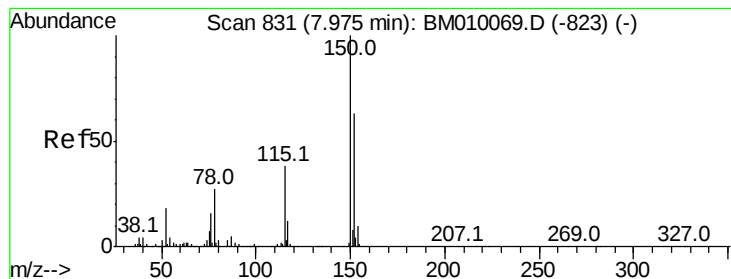
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

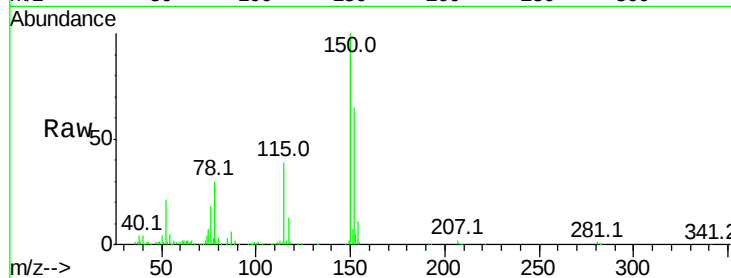
Tot Ion:152 Resp: 170326

Ion Ratio Lower Upper

152 100

150 154.8 119.5 179.3

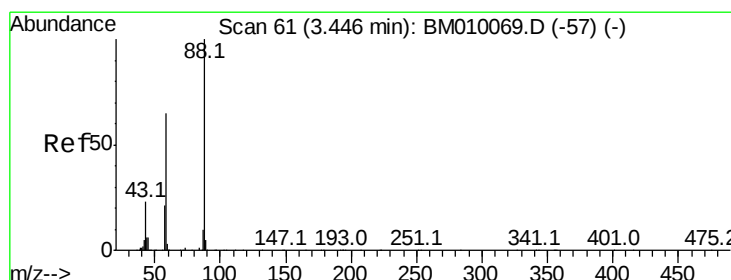
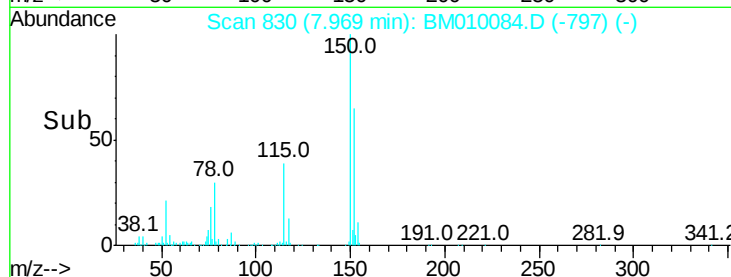
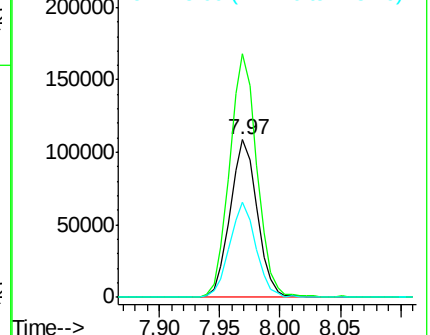
115 60.2 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 3.42 min Scan# 57

Delta R.T. -0.02 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

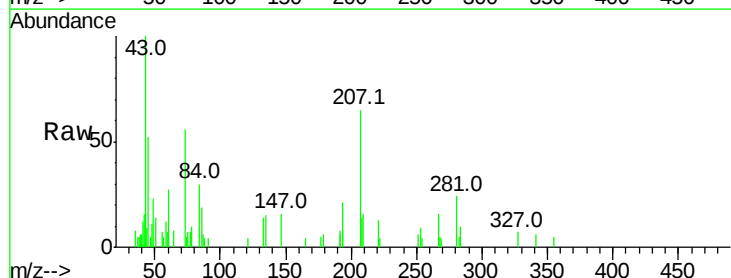
Tgt Ion: 88 Resp: 216

Ion Ratio Lower Upper

88 100

58 336.1 0.0 0.0#

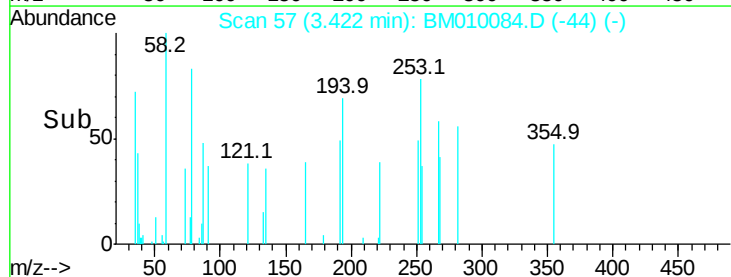
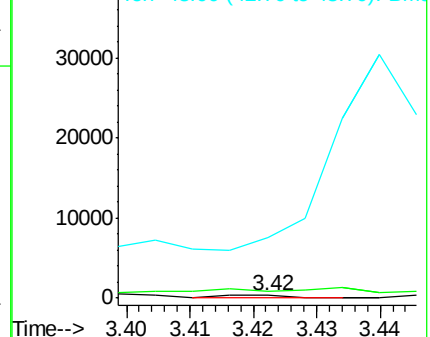
43 14890.7 0.0 0.0#

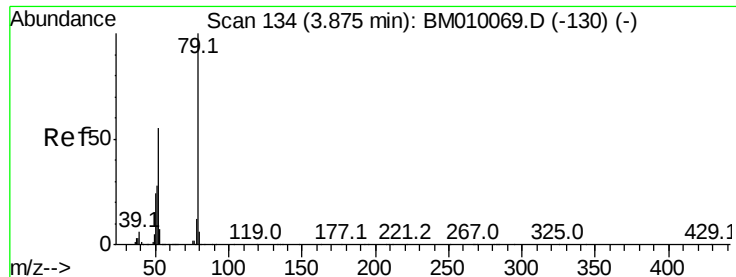


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.03 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

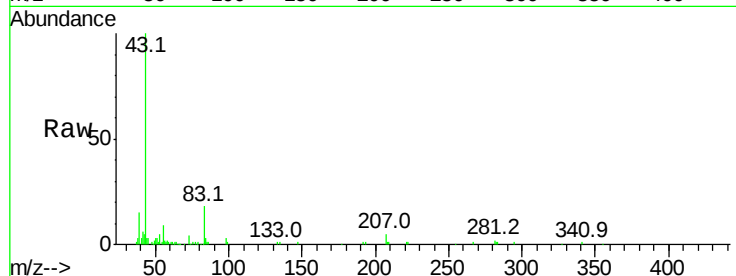
Tot Ion: 79 Resp: 312

Ion Ratio Lower Upper

79 100

52 181.7 51.1 76.7#

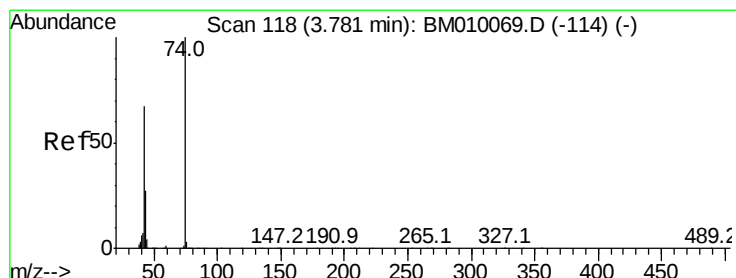
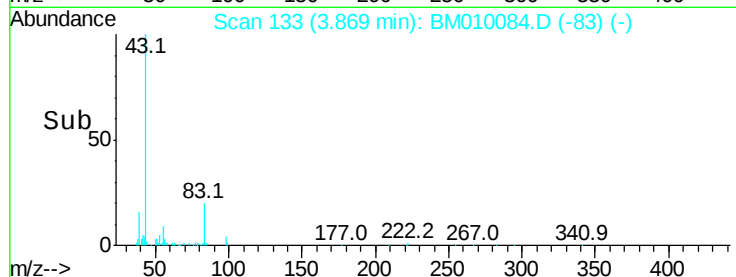
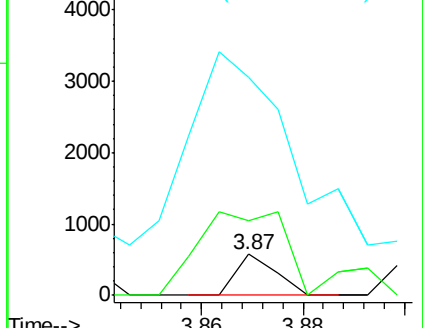
51 527.3 26.1 39.1#



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

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

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



#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

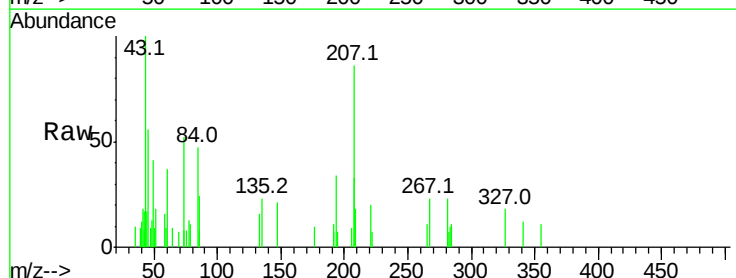
Tgt Ion: 42 Resp: 230

Ion Ratio Lower Upper

42 100

74 30.1 119.3 178.9#

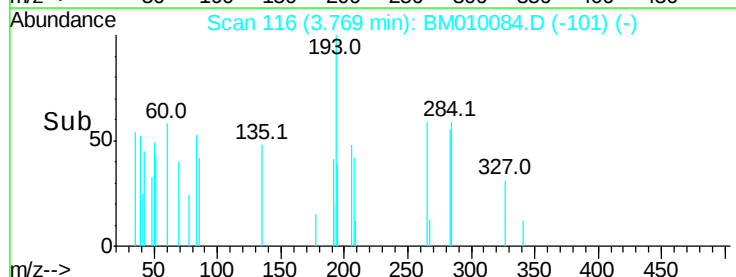
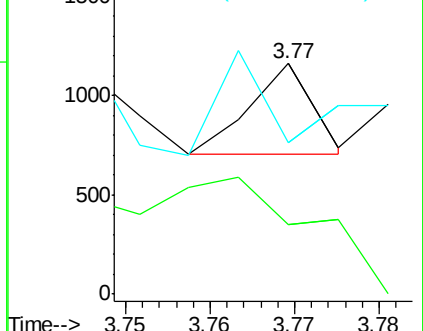
44 65.8 5.4 8.2#

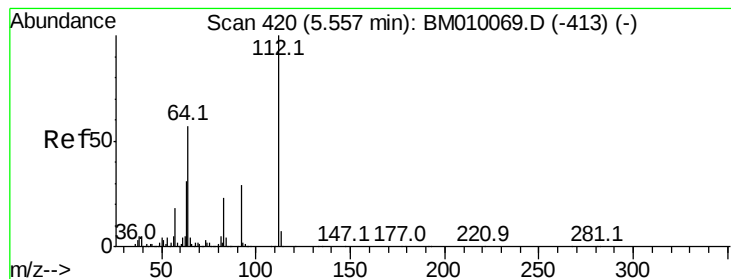


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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

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





#5

2-Fluorophenol

Concen: 117.86 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

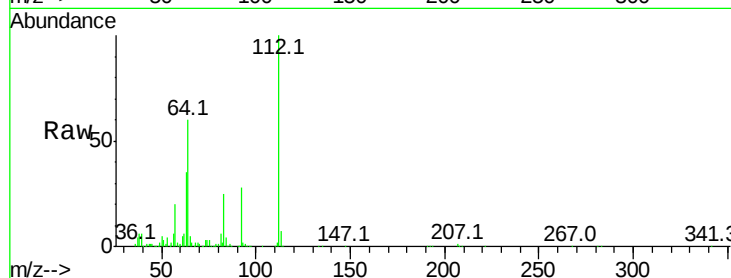
Tot Ion:112 Resp: 1111628

Ion Ratio Lower Upper

112 100

64 60.2 38.6 57.8#

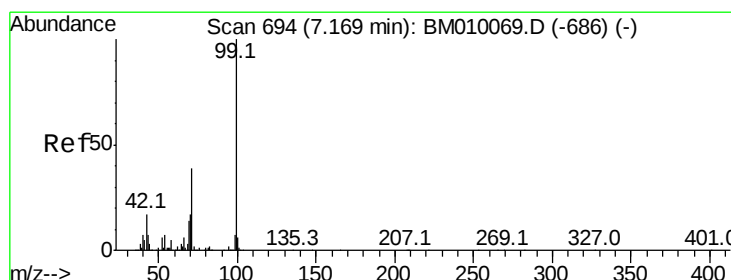
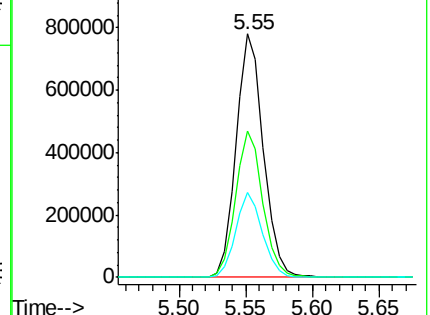
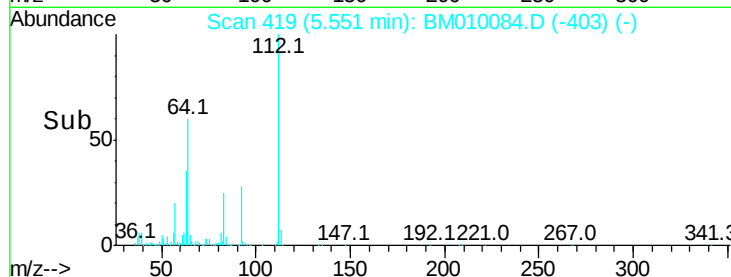
63 34.9 19.3 28.9#



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: 99.12 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

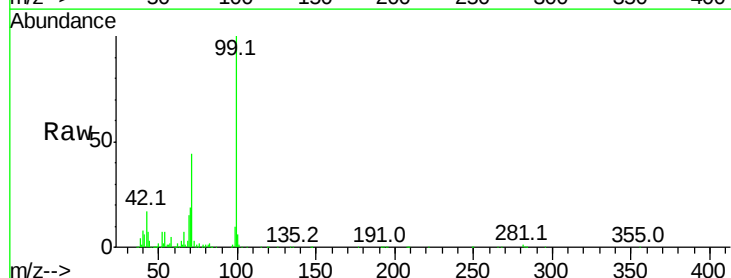
Tgt Ion: 99 Resp: 1202931

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

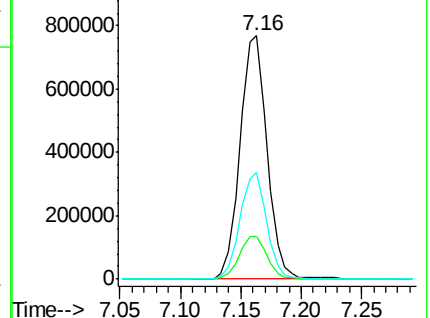
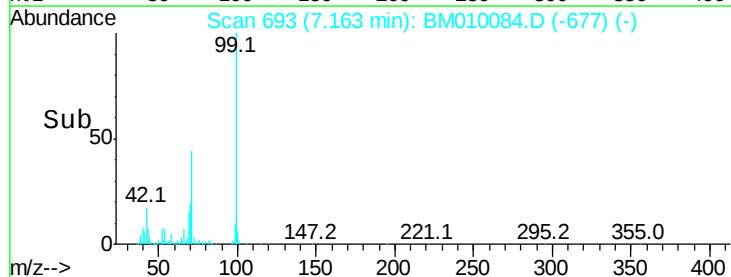
71 43.7 23.4 35.2#

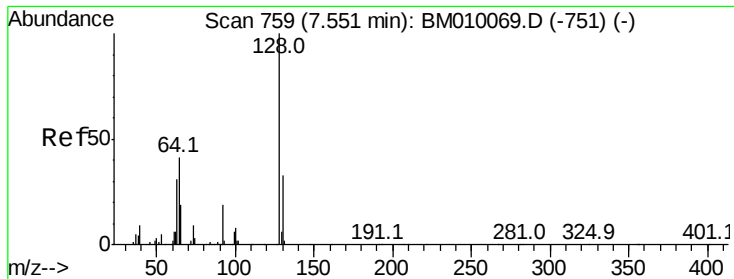


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 7.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BM010084.D

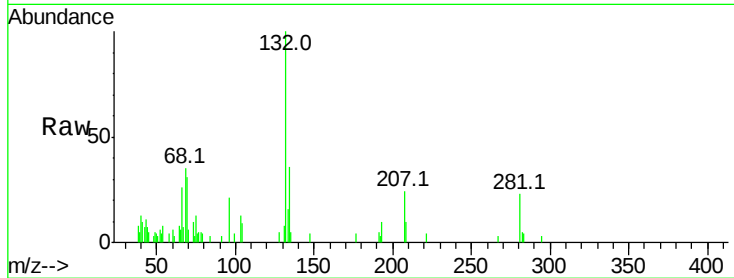
Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

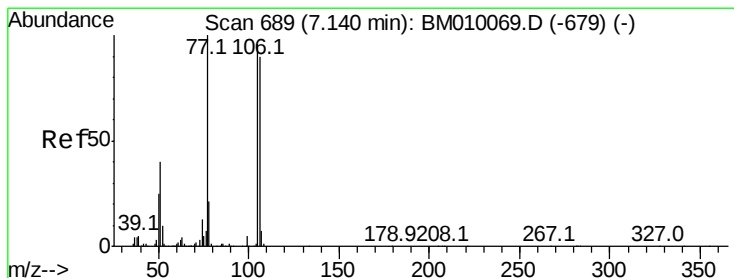
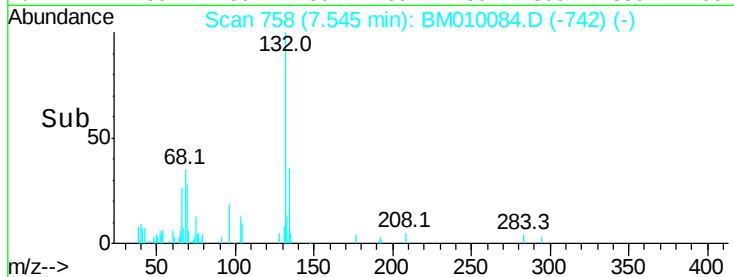
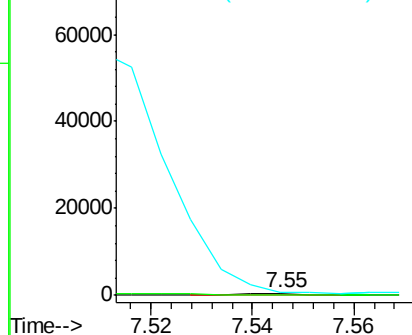
Tot Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	157.9	24.9	64.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0



#9

Benzaldehyde

Concen: 0.05 ng

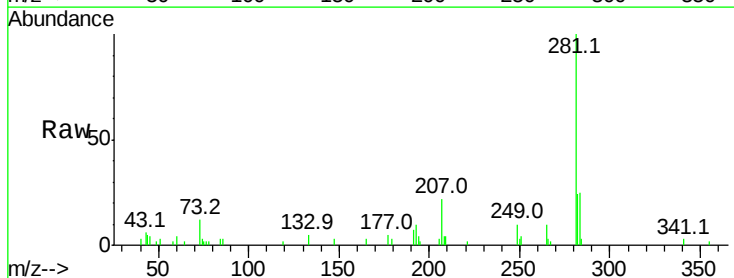
RT: 7.11 min Scan# 684

Delta R.T. -0.03 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

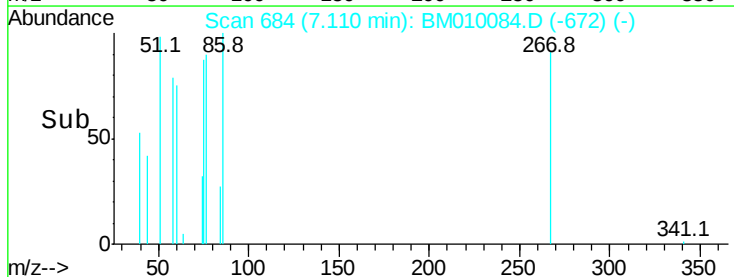
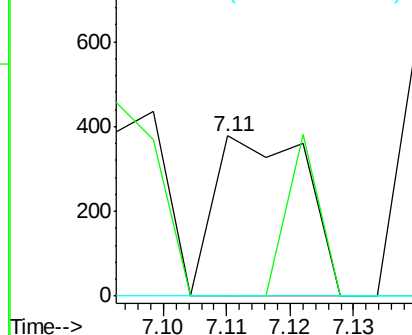
Tgt Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

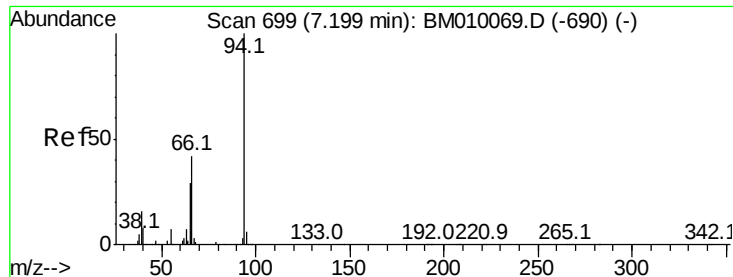


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.12 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

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ClientSampleId :

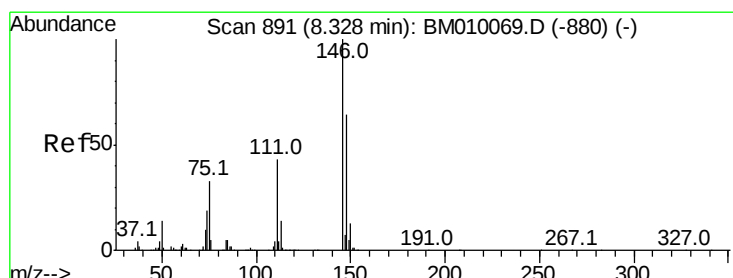
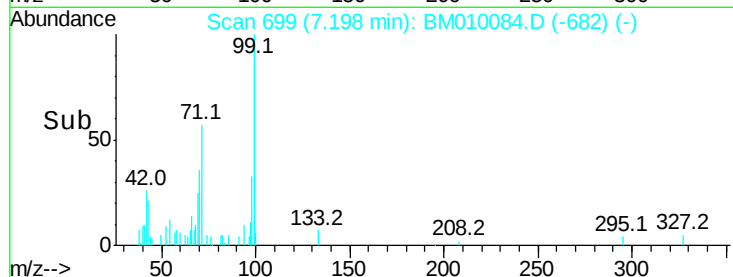
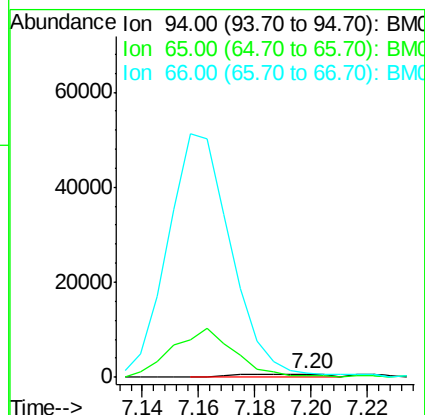
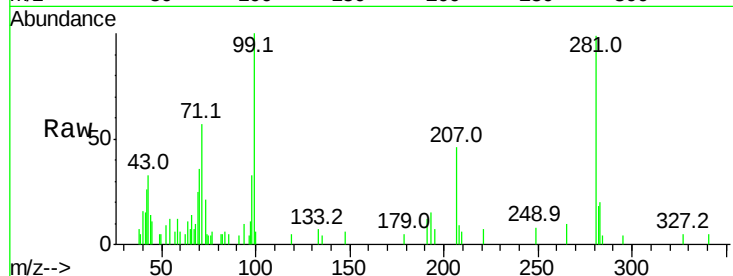
Tot Ion: 94 Resp: 1483

Ion Ratio Lower Upper

94 100

65 64.3 18.8 58.8#

66 133.7 39.9 79.9#



#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 8.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

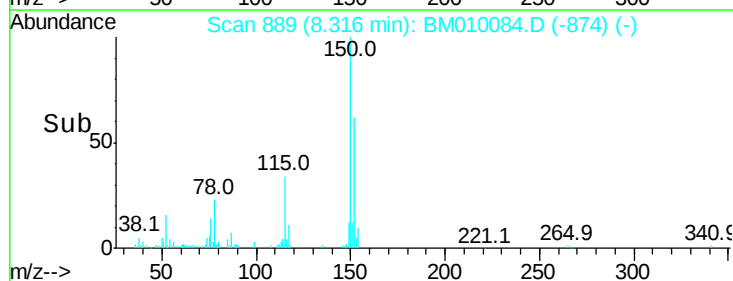
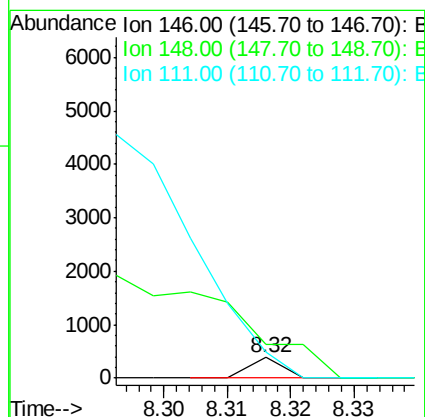
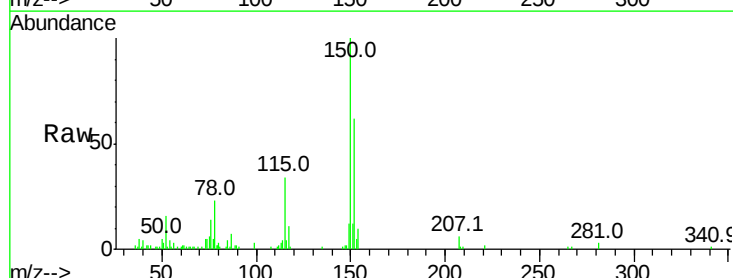
Tgt Ion: 146 Resp: 136

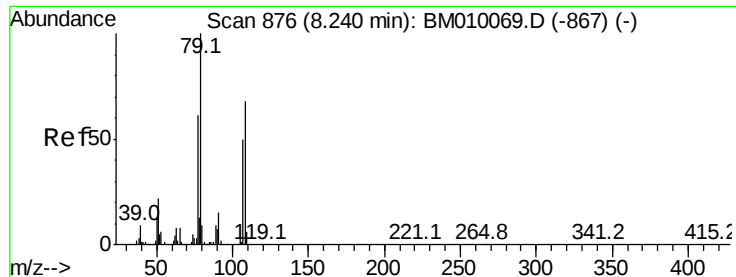
Ion Ratio Lower Upper

146 100

148 165.1 52.3 78.5#

111 126.8 30.6 45.8#





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

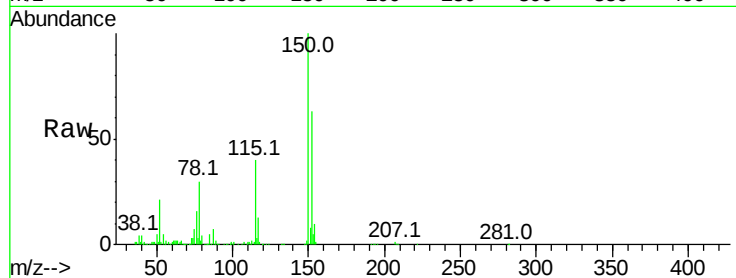
Tot Ion: 79 Resp: 18357

Ion Ratio Lower Upper

79 100

108 36.4 65.0 97.4#

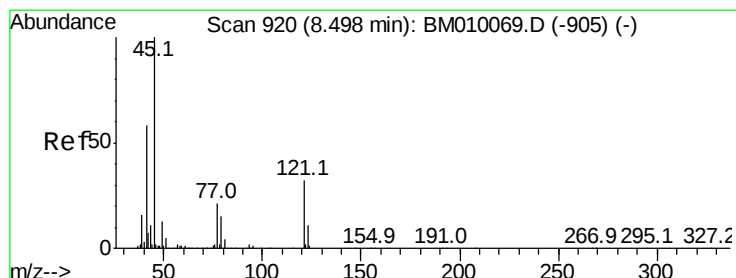
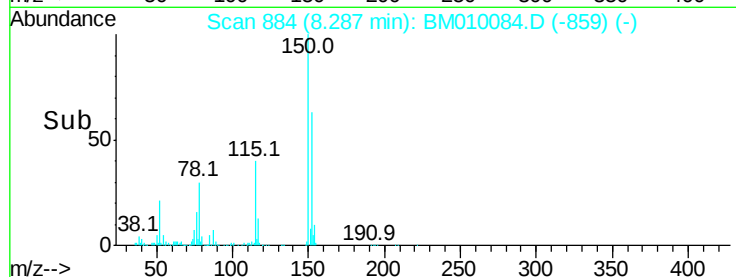
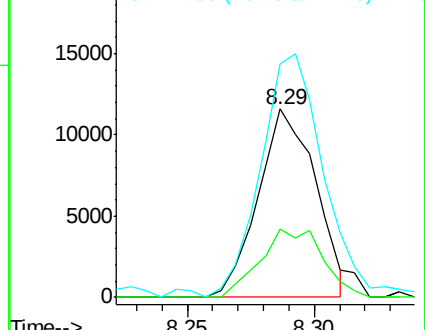
77 123.8 53.0 79.6#



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: 0.06 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

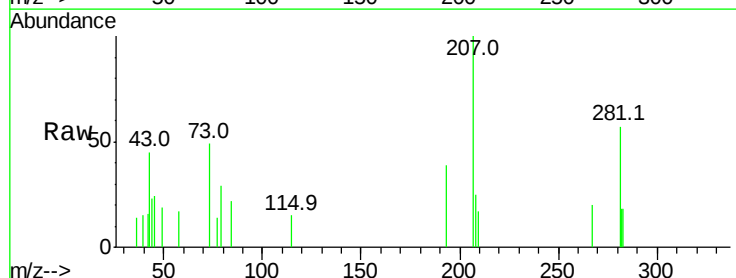
Tgt Ion: 45 Resp: 578

Ion Ratio Lower Upper

45 100

77 59.1 0.0 35.2#

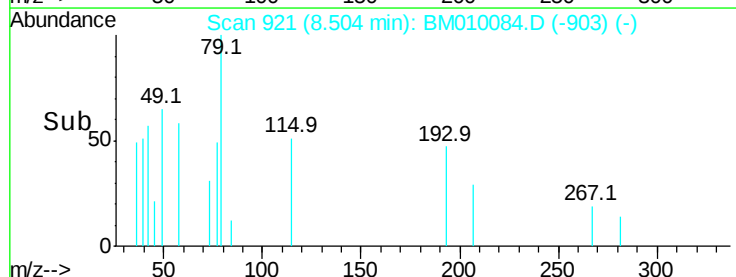
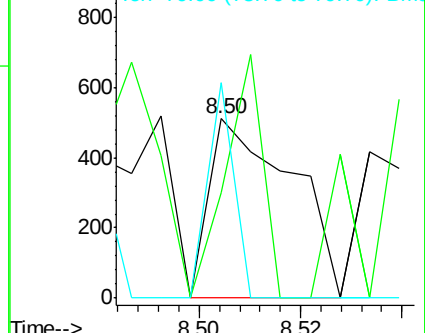
79 120.5 0.0 32.0#

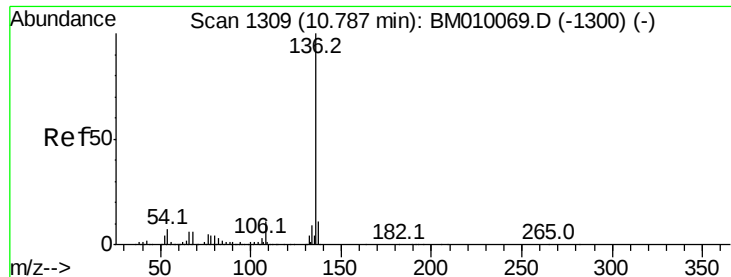


Abundance Ion 45.00 (44.70 to 45.70): BM010069.D (-905) (-)

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

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

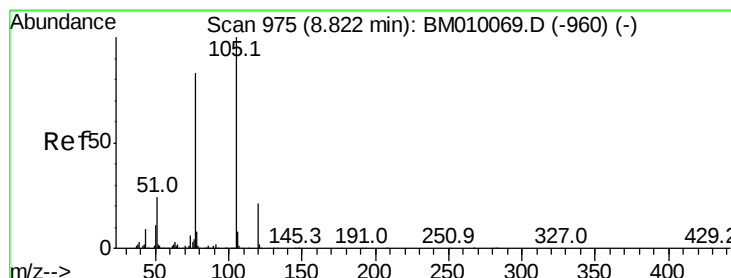
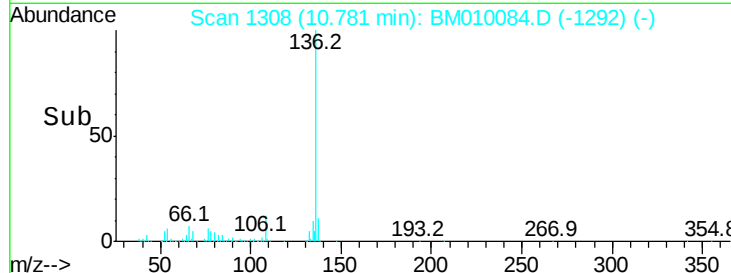
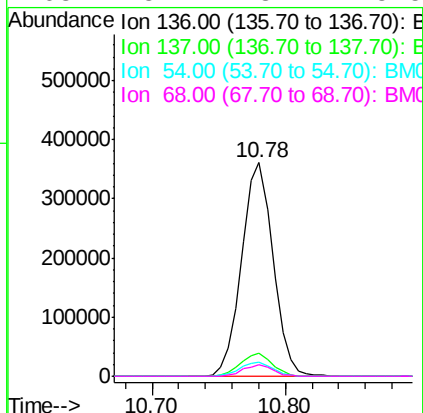
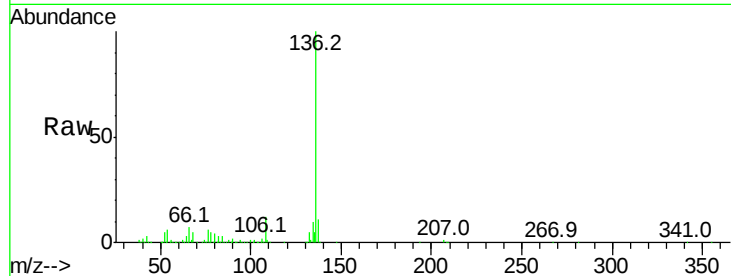




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

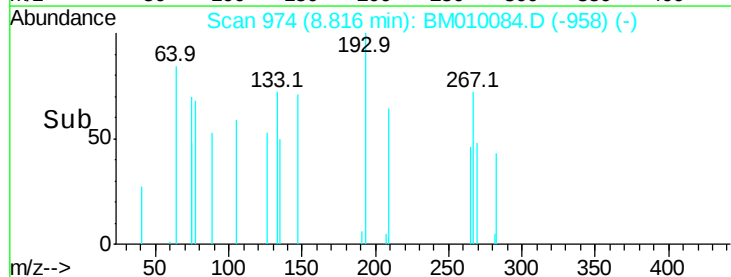
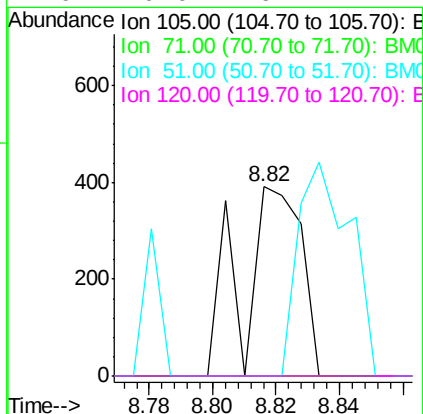
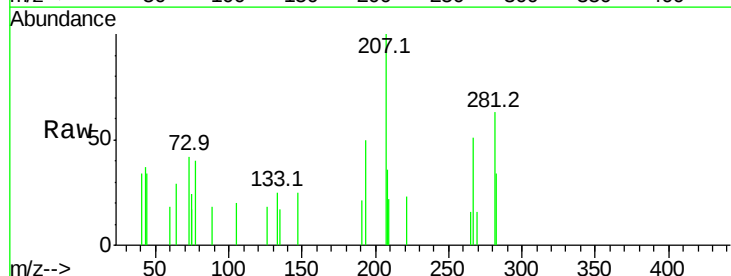
Instrument :
BNA_M
ClientSampleId :

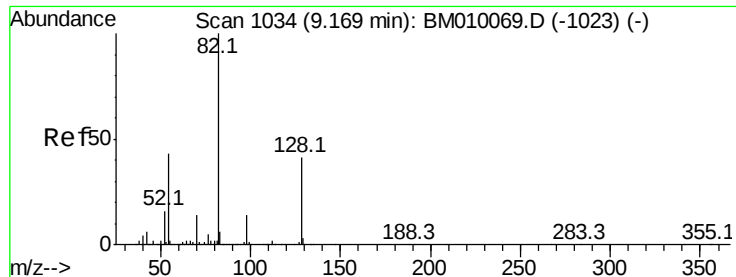
Tot Ion:136	Resp:	587762
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	6.4	4.6 6.8
68	5.1	3.7 5.5



#22
Acetophenone
Concen: 0.03 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Tgt Ion:105	Resp:	509
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#

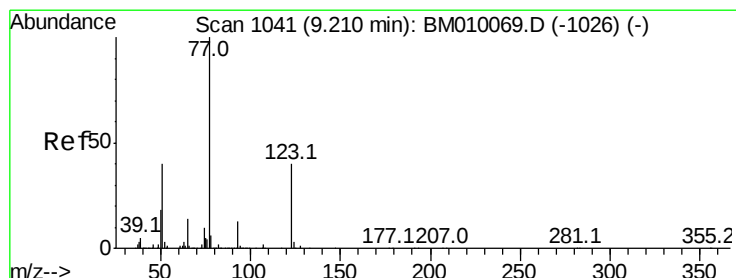
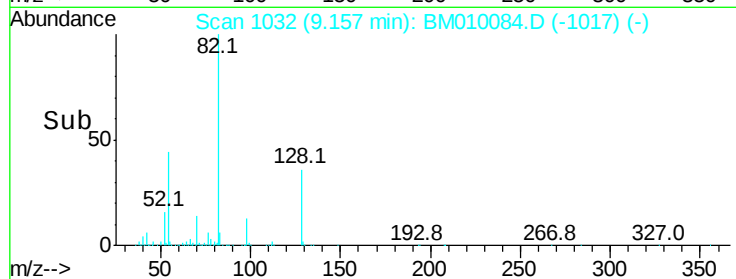
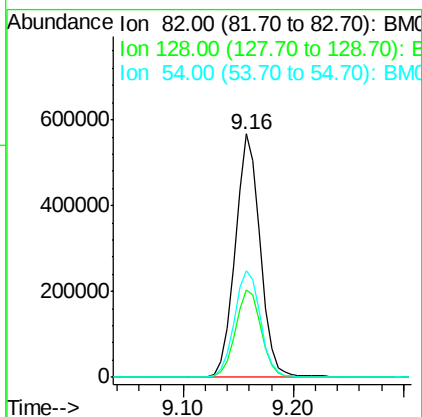
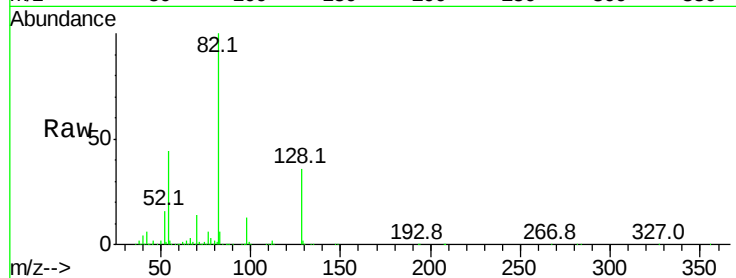




#23
 Nitrobenzene-d5
 Concen: 82.91 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

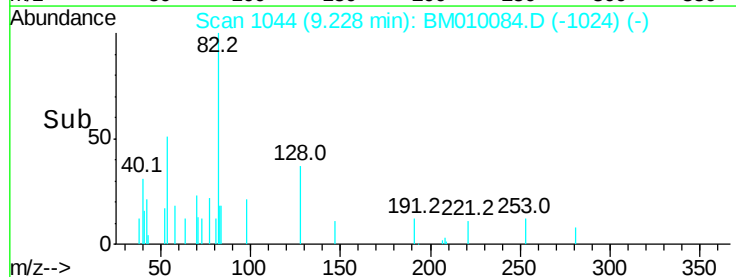
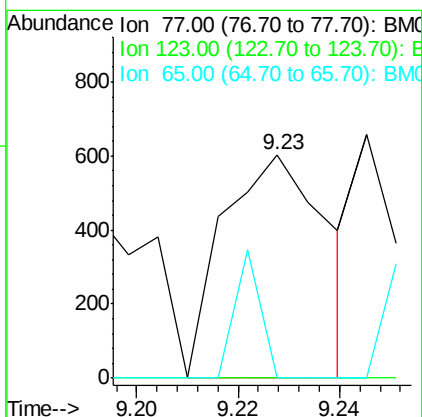
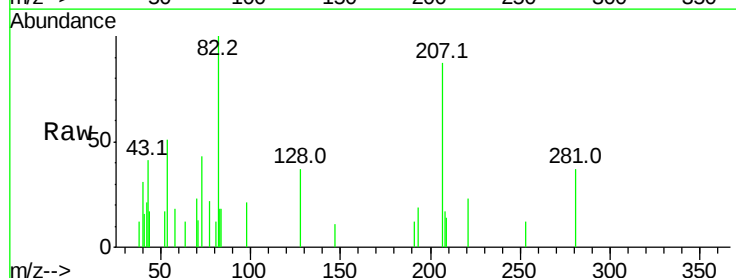
Instrument :
 BNA_M
 ClientSampleId :

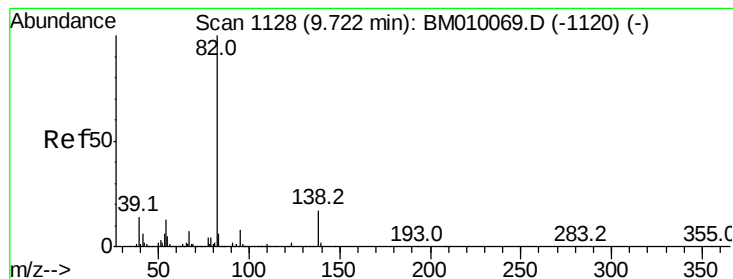
Tot Ion	82	Resp	903262
Ion Ratio	100	Lower	Upper
128	36.0	32.8	49.2
54	44.0	40.6	60.8



#24
 Nitrobenzene
 Concen: 0.08 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. 0.02 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

Tgt Ion	77	Resp	852
Ion Ratio	100	Lower	Upper
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#





#25

Isophorone

Concen: 0.01 ng

RT: 9.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampled :

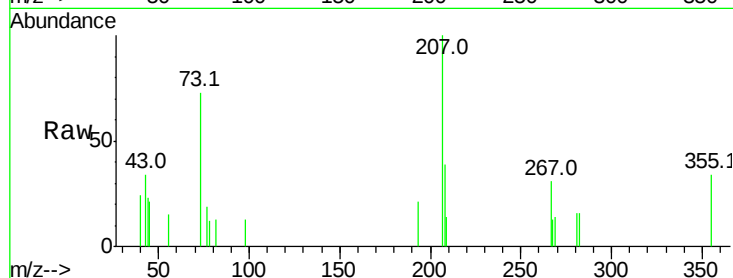
Tot Ion: 82 Resp: 119

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#

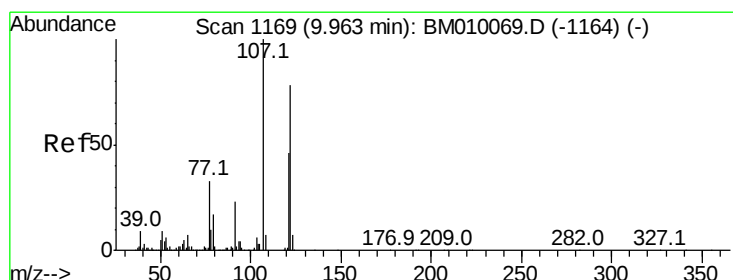
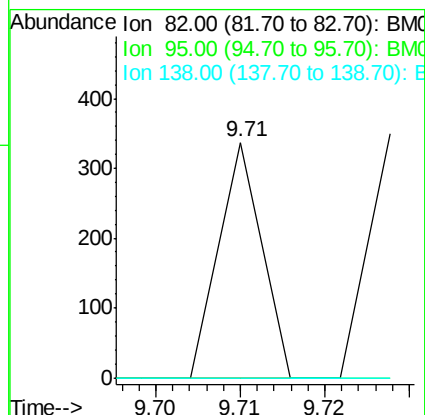
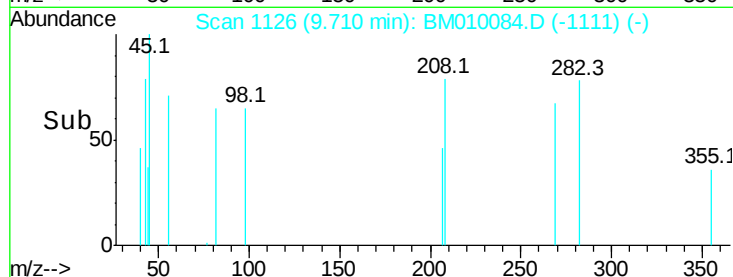


Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)

Time-->



#27

2,4-Dimethylphenol

Concen: 0.02 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.05 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

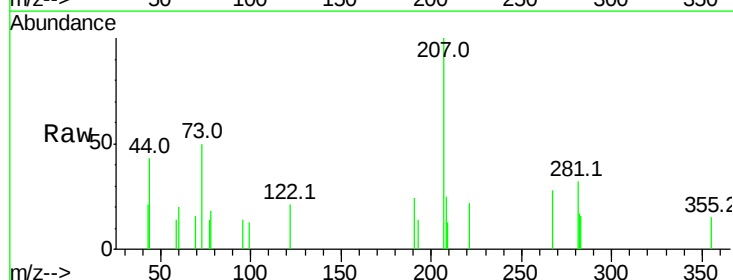
Tgt Ion: 122 Resp: 172

Ion Ratio Lower Upper

122 100

107 0.0 84.7 127.1#

121 0.0 46.6 69.8#

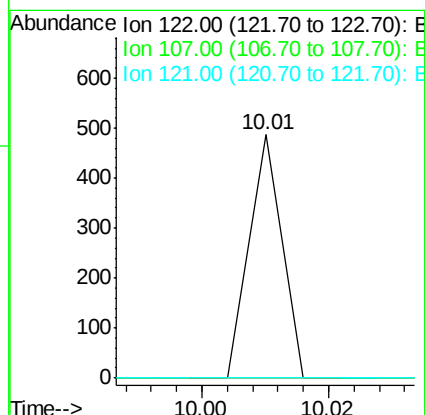
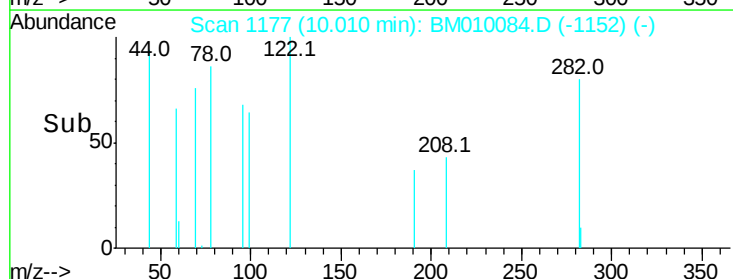


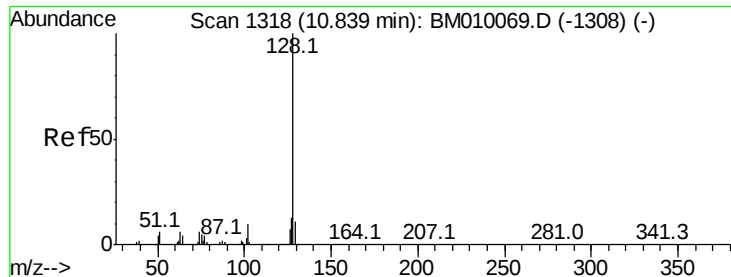
Abundance Ion 122.00 (121.70 to 122.70): BM010069.D (-1164) (-)

Ion 107.00 (106.70 to 107.70): BM010069.D (-1164) (-)

Ion 121.00 (120.70 to 121.70): BM010069.D (-1164) (-)

Time-->





#31

Naphthalene

Concen: 0.26 ng

RT: 10.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

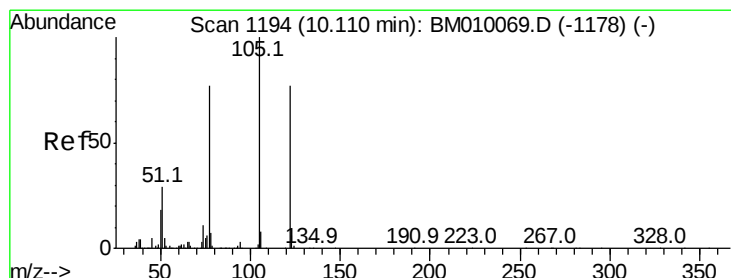
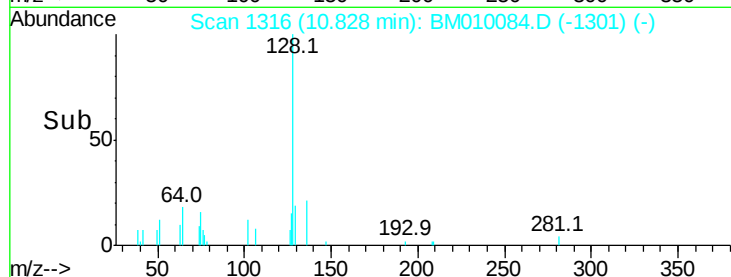
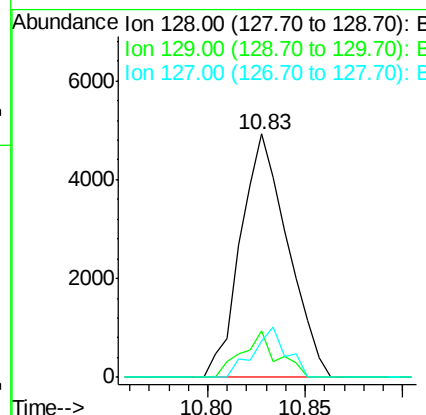
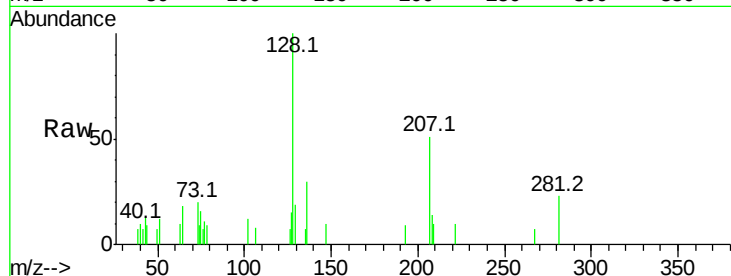
Tot Ion:128 Resp: 8223

Ion Ratio Lower Upper

128 100

129 19.3 8.9 13.3#

127 14.8 10.4 15.6



#32

Benzoic acid

Concen: 0.02 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.07 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

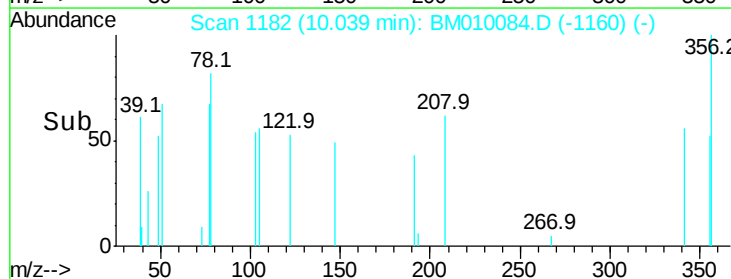
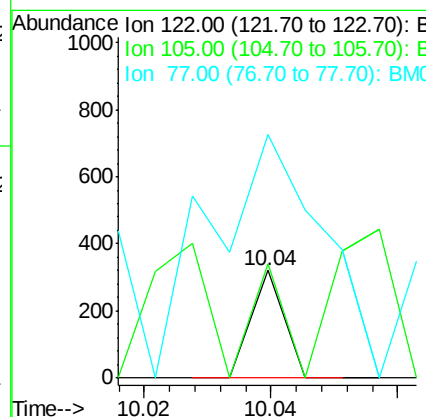
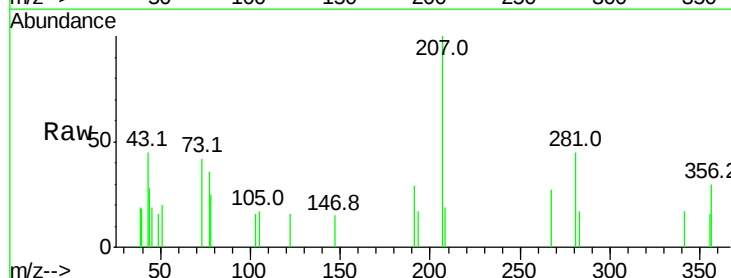
Tgt Ion:122 Resp: 113

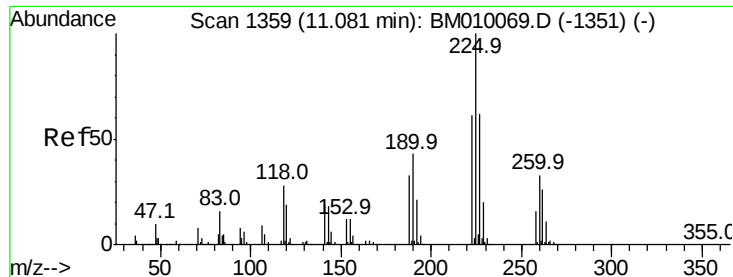
Ion Ratio Lower Upper

122 100

105 106.2 99.9 139.9

77 226.2 73.7 113.7#

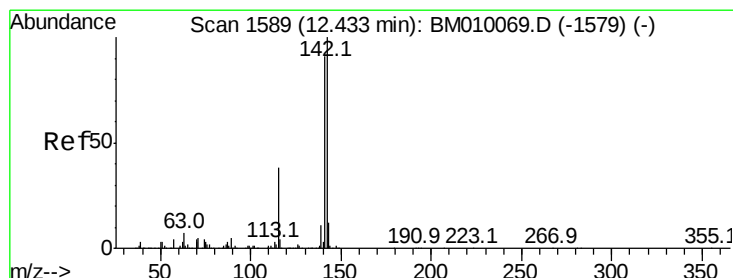
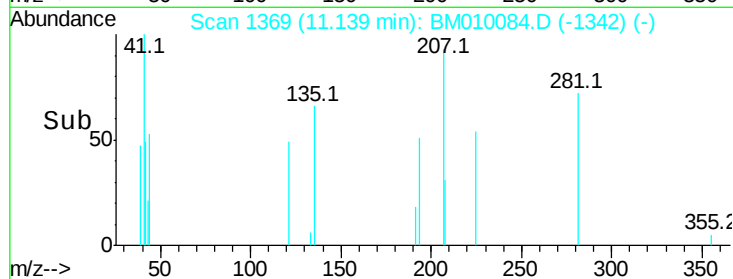
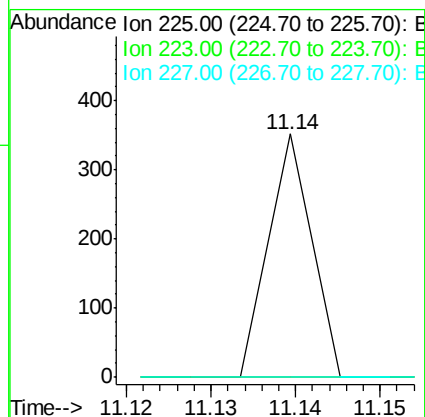
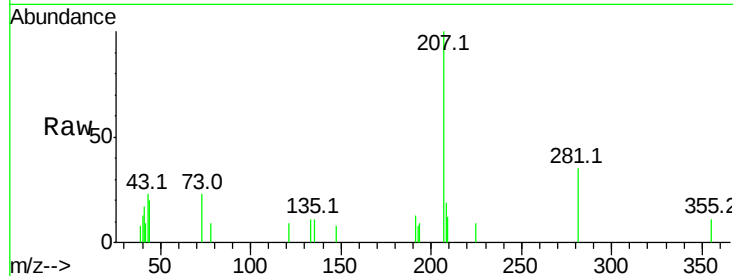




#34
Hexachlorobutadiene
Concen: 0.01 ng
RT: 11.14 min Scan# 1369
Delta R.T. 0.06 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

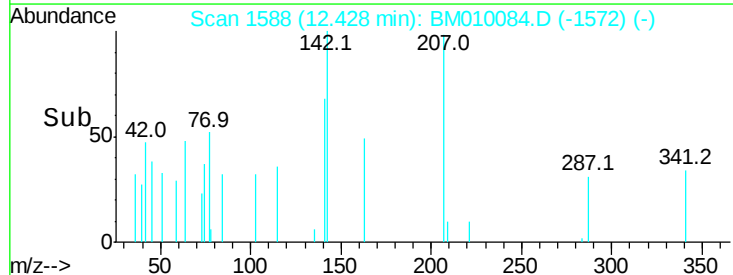
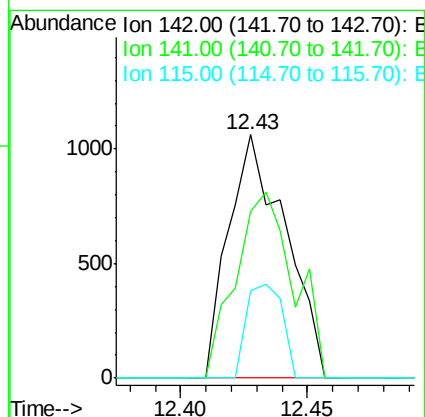
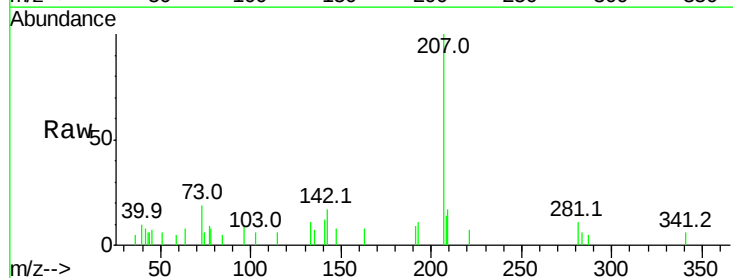
Instrument :
BNA_M
ClientSampleId :

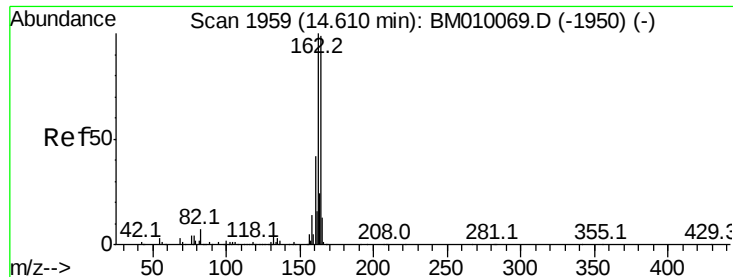
Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	47.9	71.9#
227	0.0	50.1	75.1#



#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	68.3	71.9	107.9#
115	35.7	25.4	38.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampled :

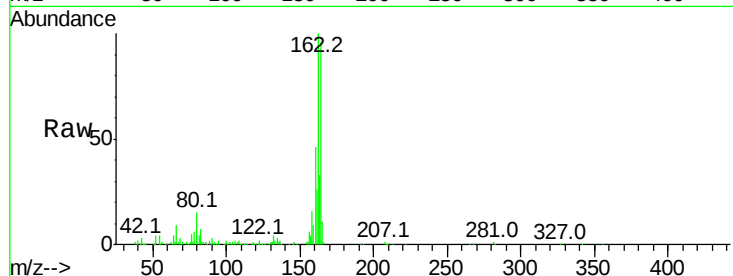
Tot Ion:164 Resp: 297055

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

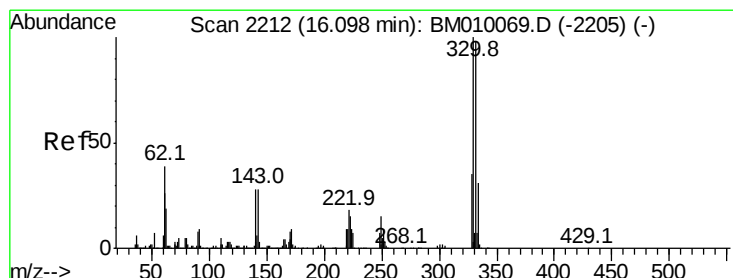
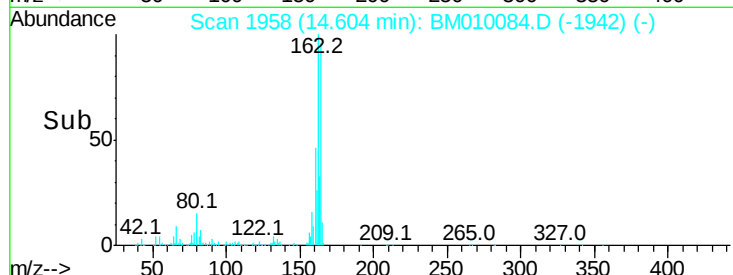
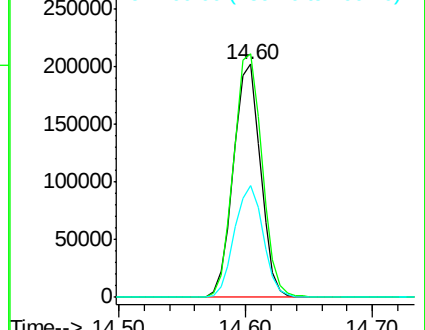
160 47.9 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 156.88 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

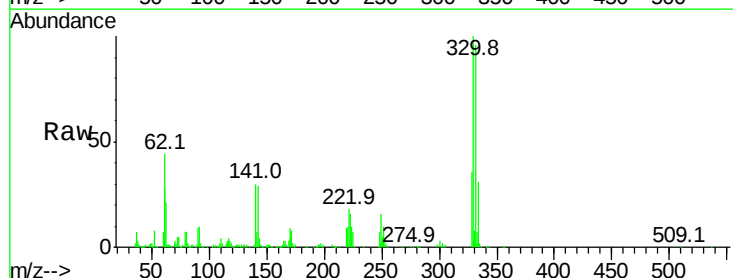
Tgt Ion:330 Resp: 707802

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

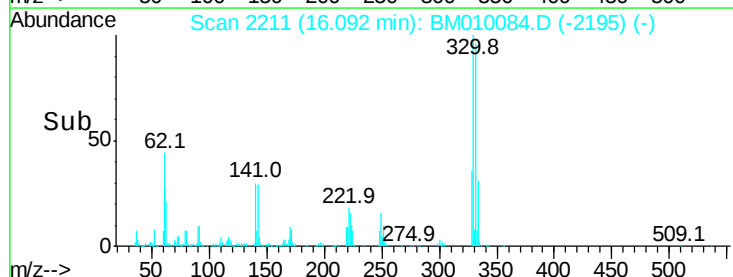
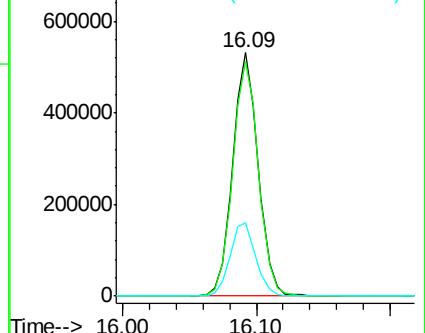
141 30.8 0.0 0.0#

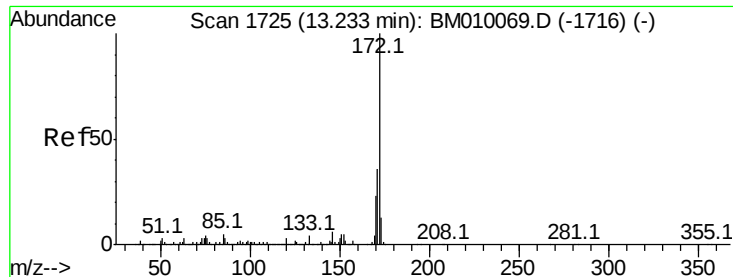


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

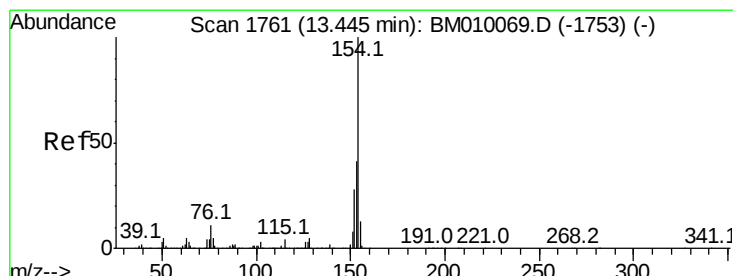
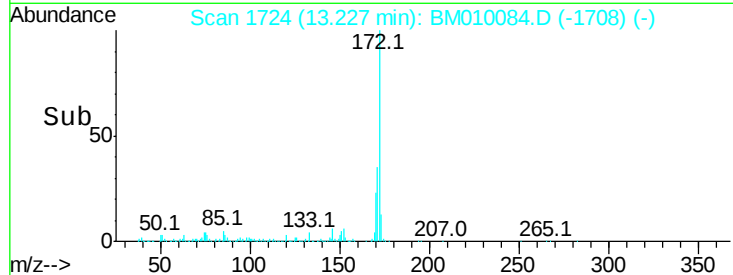
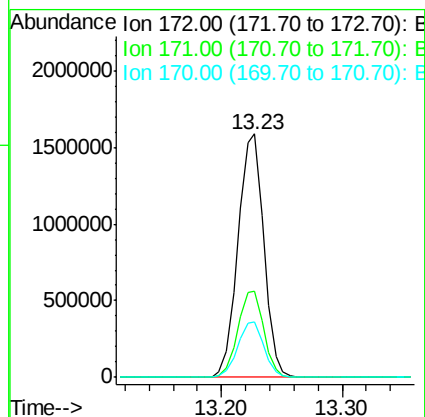
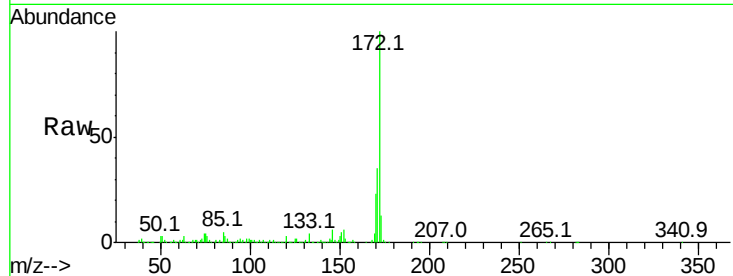




#44
2-Fluorobiphenyl
Concen: 102.60 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

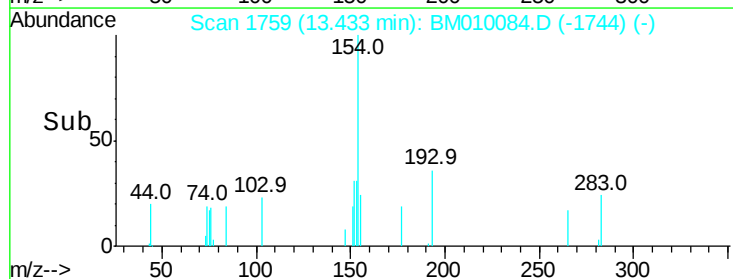
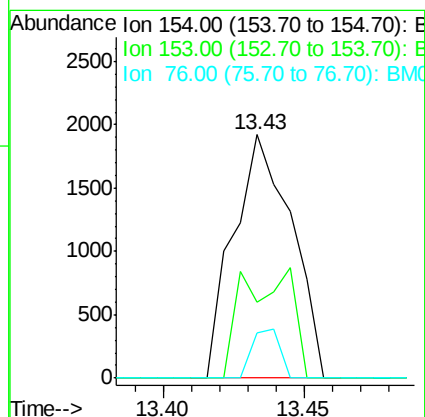
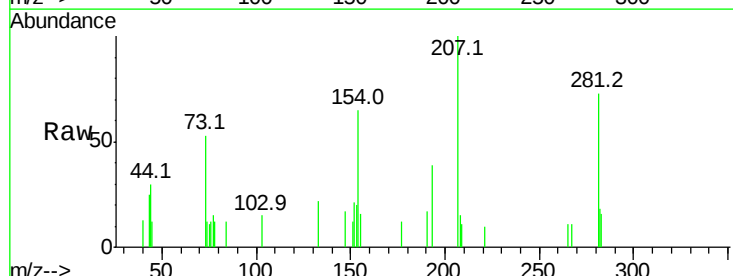
Instrument :
BNA_M
ClientSampleId :

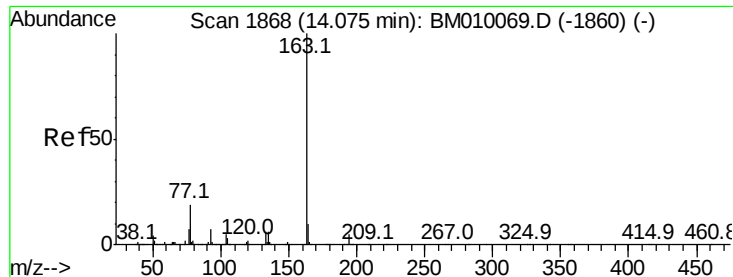
Tot Ion:172 Resp: 2370881
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 18.8 28.2



#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Tgt Ion:154 Resp: 2743
Ion Ratio Lower Upper
154 100
153 31.1 20.7 60.7
76 18.4 0.0 30.9





#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

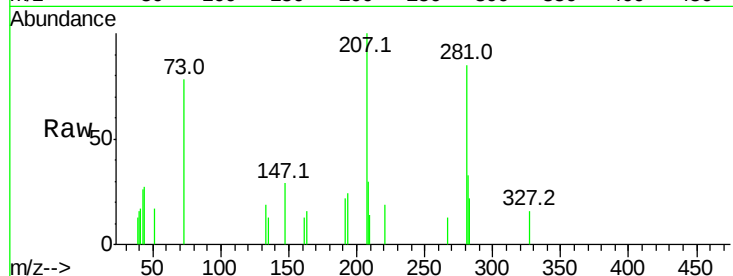
Tot Ion:163 Resp: 268

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

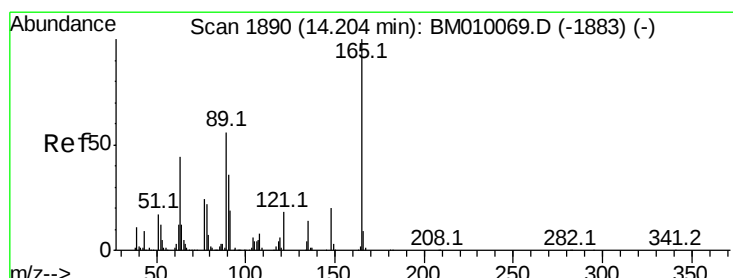
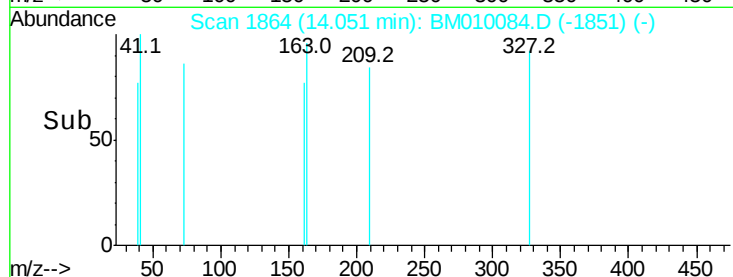
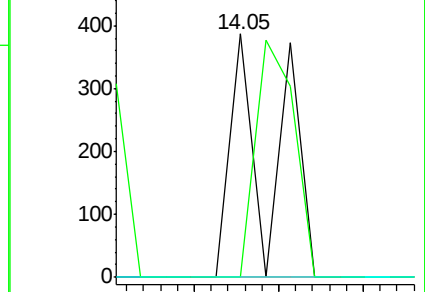
164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.03 ng

RT: 14.12 min Scan# 1875

Delta R.T. -0.09 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

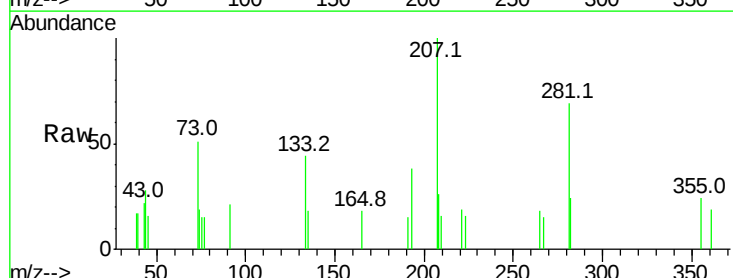
Tgt Ion:165 Resp: 137

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

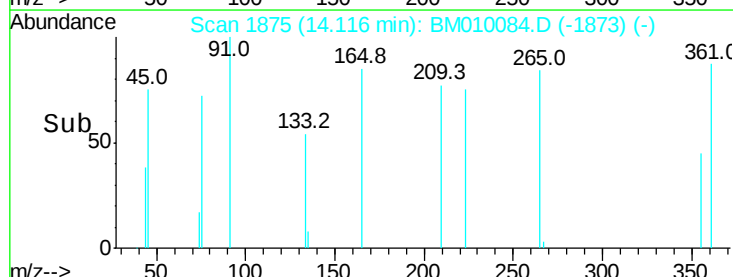
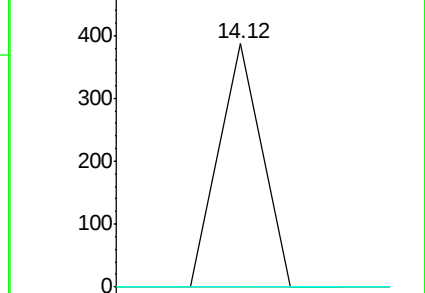
89 0.0 44.3 66.5#

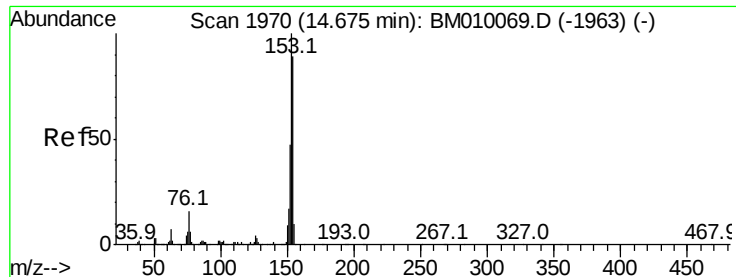


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 0.06 ng

RT: 14.66 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

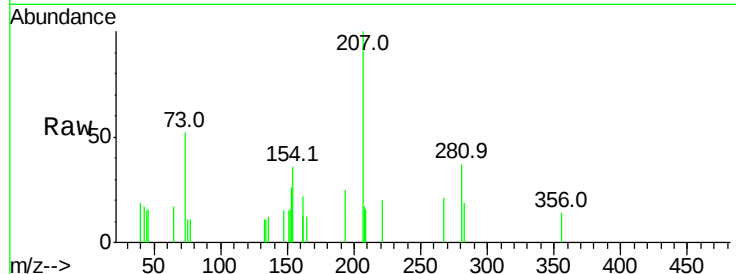
Tot Ion:154 Resp: 1165

Ion Ratio Lower Upper

154 100

153 71.5 90.0 135.0#

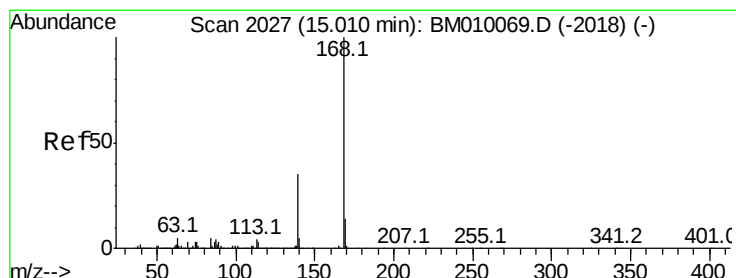
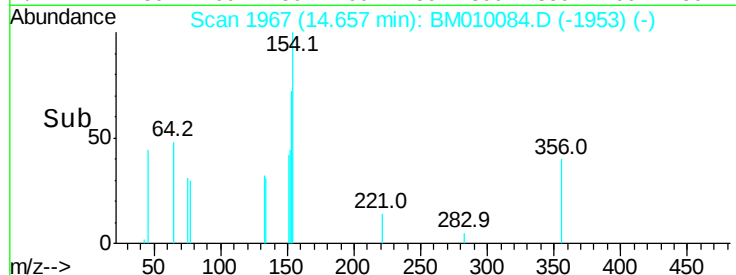
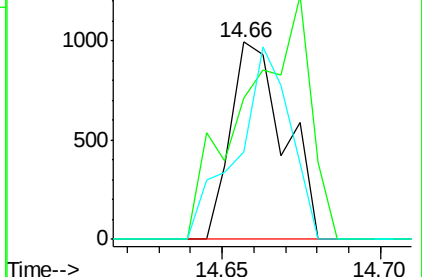
152 44.4 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.04 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

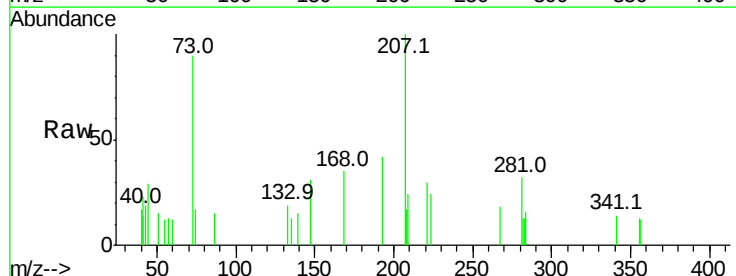
Tgt Ion:168 Resp: 1098

Ion Ratio Lower Upper

168 100

139 42.1 27.3 40.9#

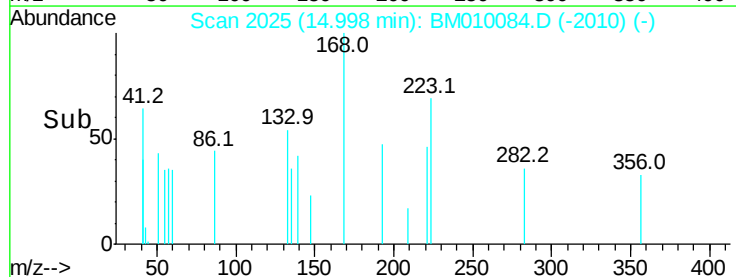
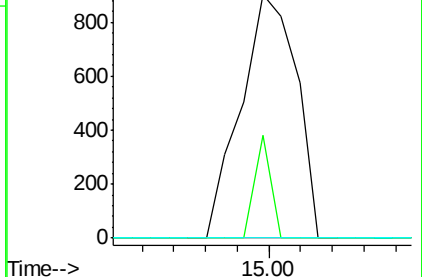
169 0.0 10.6 16.0#

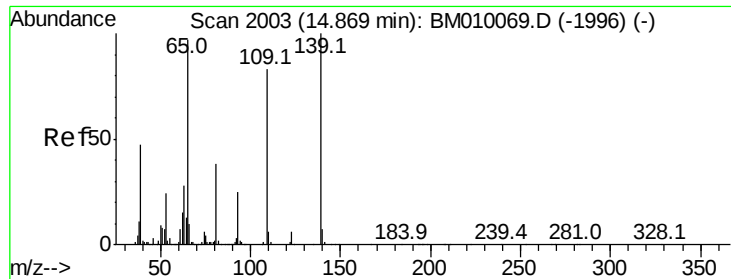


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

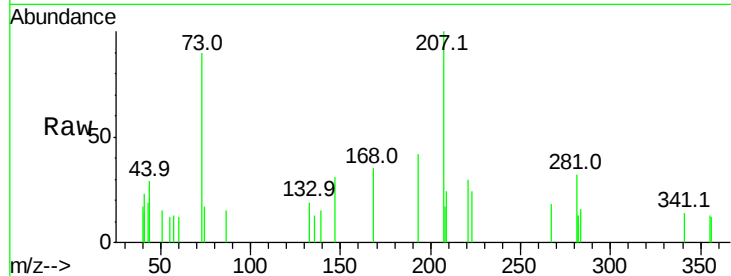




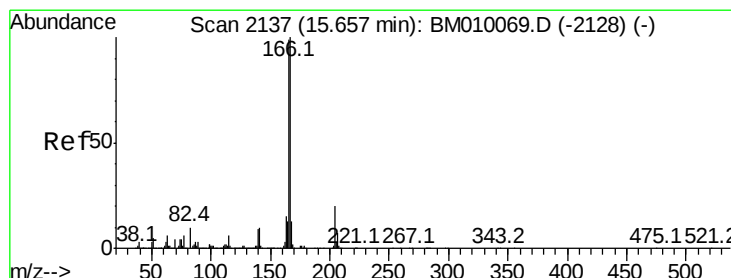
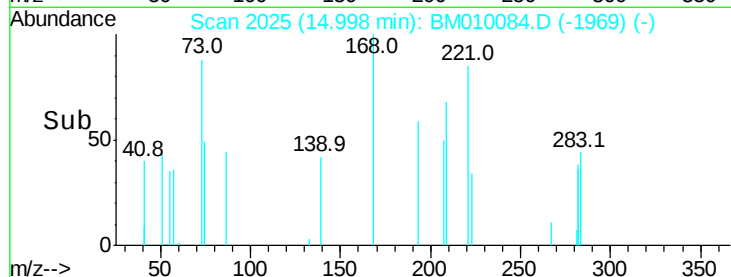
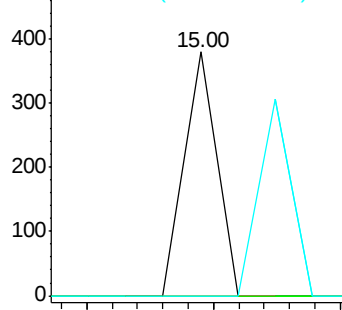
#55
4-Nitrophenol
Concen: 0.04 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.13 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#

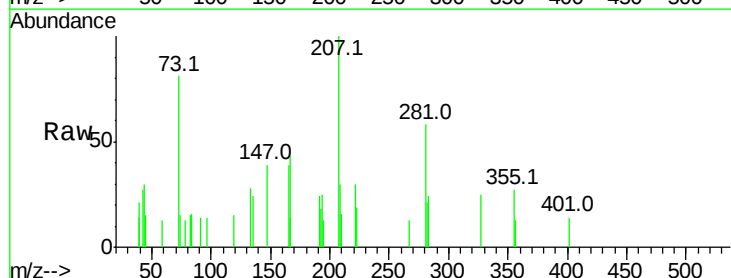


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

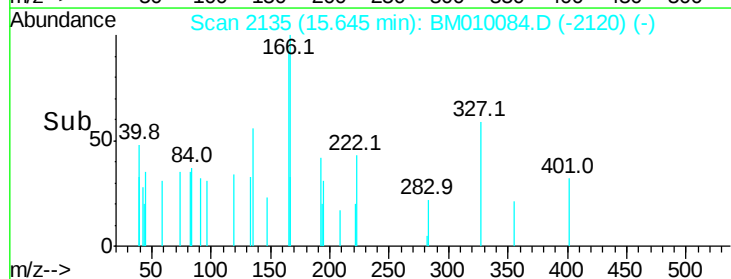
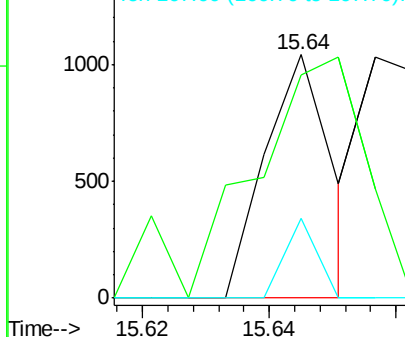


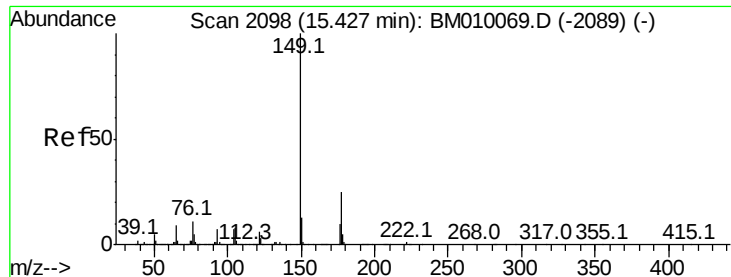
#57
Fluorene
Concen: 0.03 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Tgt Ion:166 Resp: 759
Ion Ratio Lower Upper
166 100
165 91.7 79.0 118.4
167 32.6 10.3 15.5#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.09 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

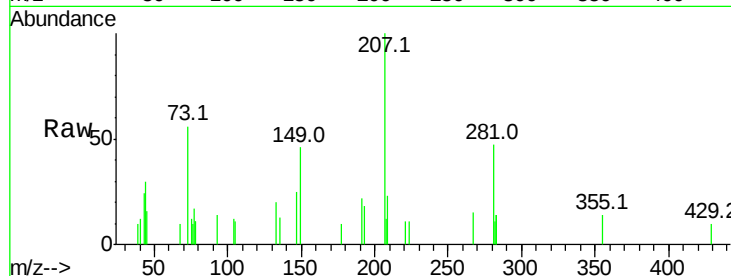
Tot Ion:149 Resp: 2163

Ion Ratio Lower Upper

149 100

177 22.0 18.3 27.5

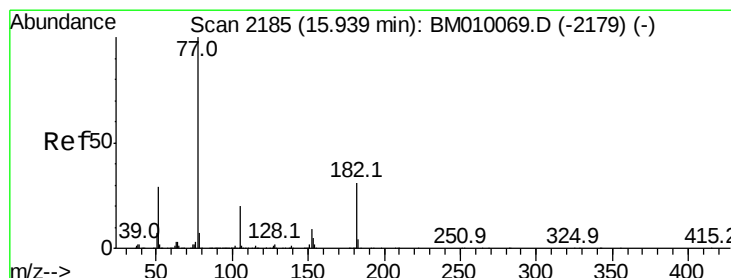
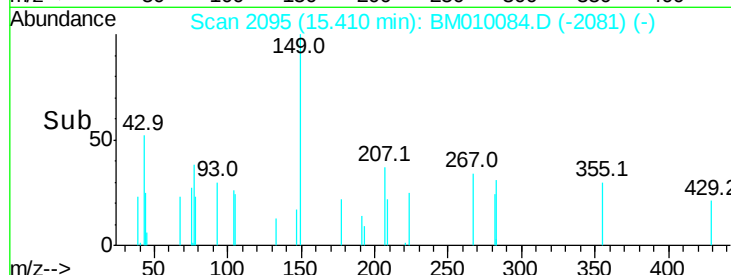
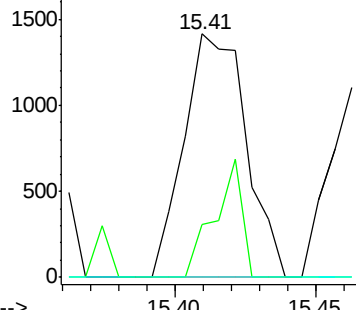
150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.01 ng

RT: 15.94 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Tgt Ion: 77 Resp: 168

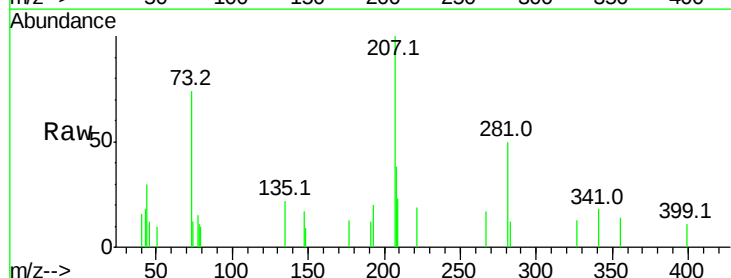
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

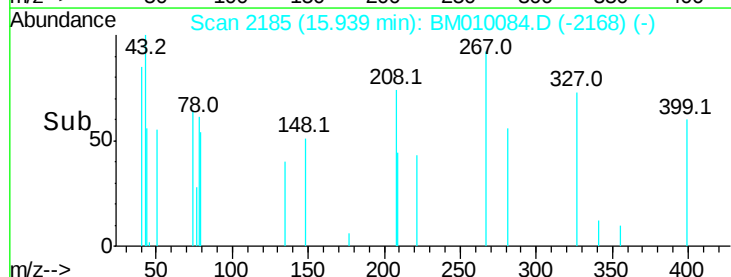
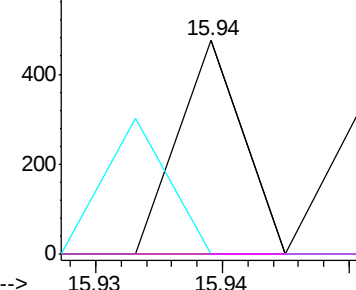


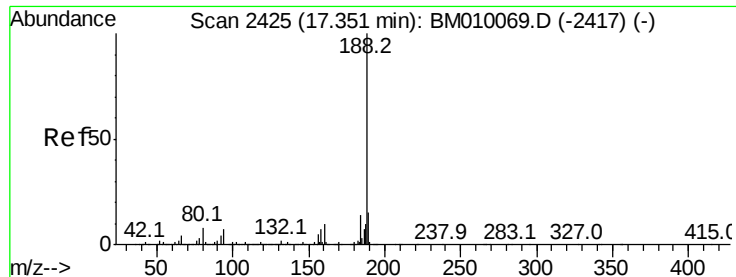
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

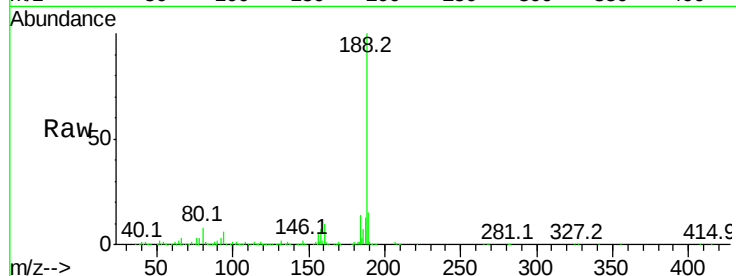
Tot Ion:188 Resp: 891155

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

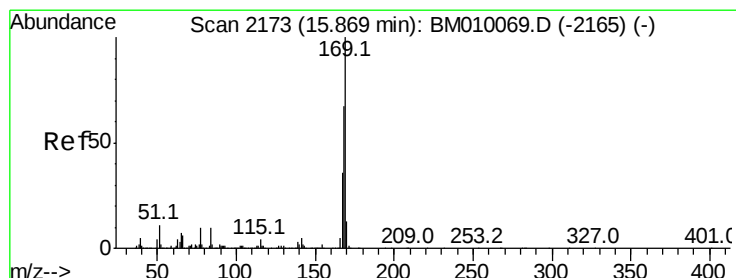
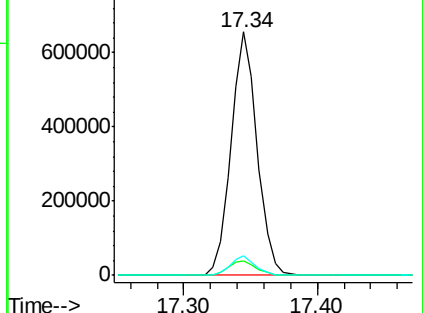
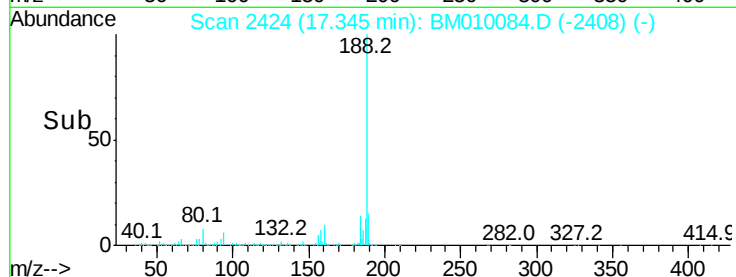
80 8.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

n-Nitrosodiphenylamine

Concen: 0.08 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

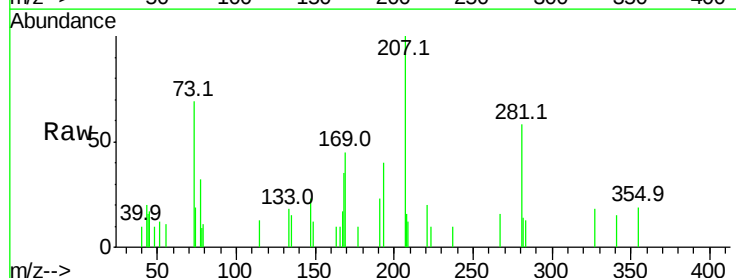
Tgt Ion:169 Resp: 2055

Ion Ratio Lower Upper

169 100

168 78.2 53.9 80.9

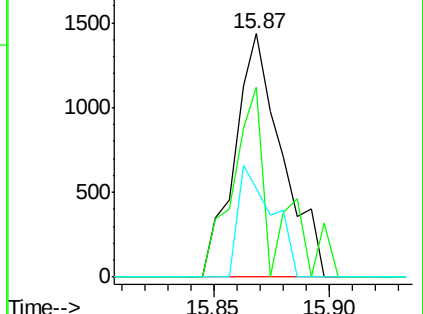
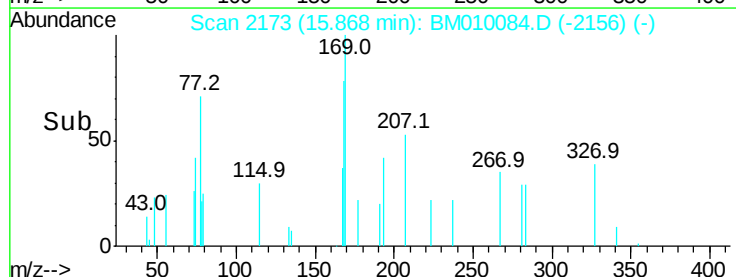
167 36.7 28.9 43.3

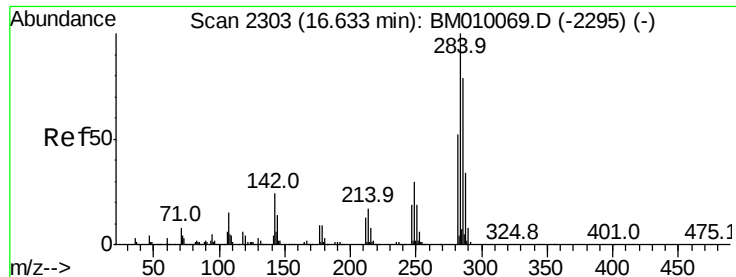


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Hexachlorobenzene

Concen: 0.03 ng

RT: 16.60 min Scan# 2298

Delta R.T. -0.03 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampled :

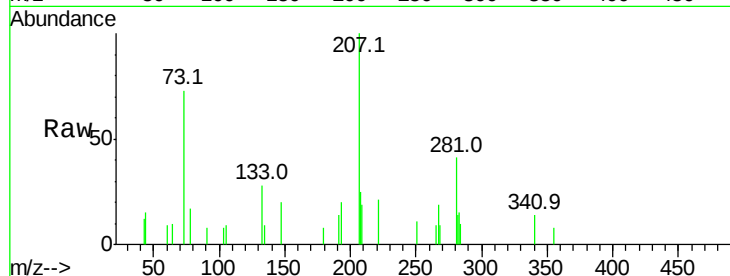
Tot Ion:284 Resp: 362

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

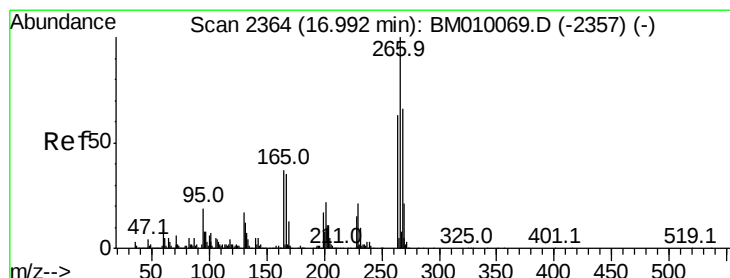
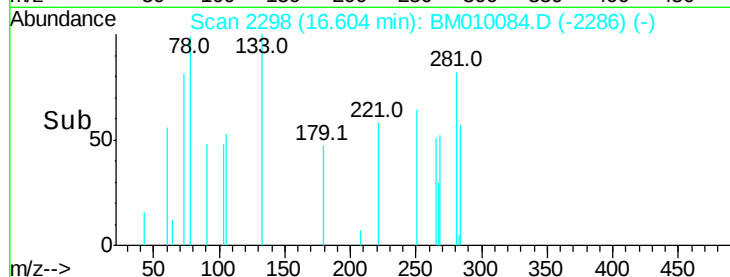
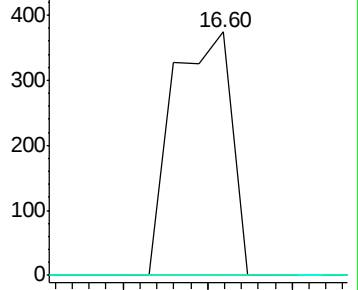
249 0.0 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 0.01 ng

RT: 17.03 min Scan# 2371

Delta R.T. 0.04 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

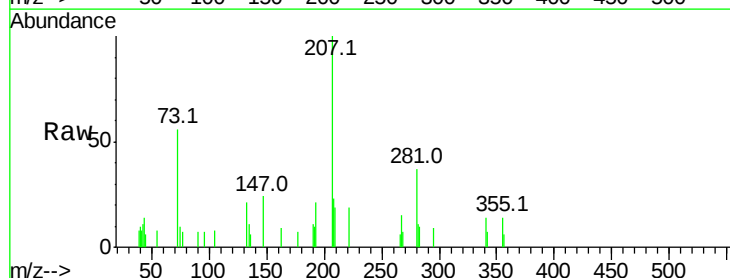
Tgt Ion:266 Resp: 111

Ion Ratio Lower Upper

266 100

268 115.5 52.0 78.0#

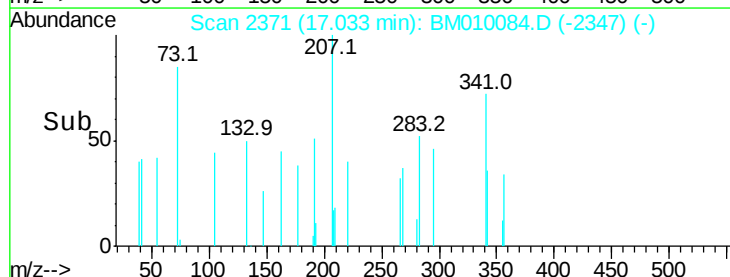
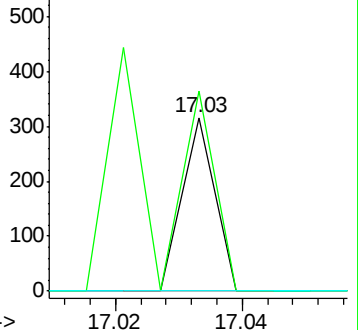
264 0.0 49.0 73.4#

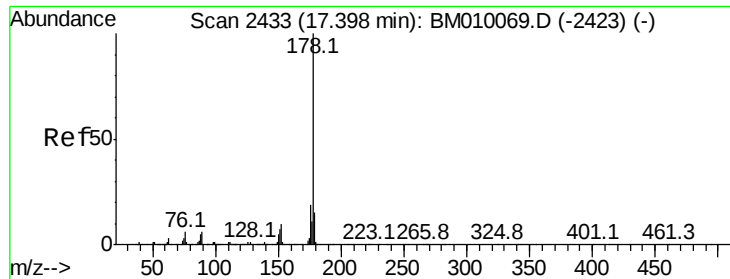


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.10 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

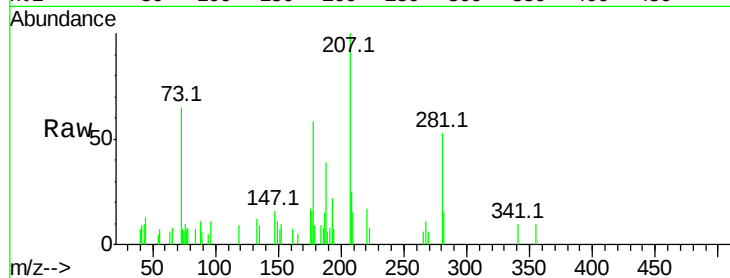
Tot Ion:178 Resp: 4836

Ion Ratio Lower Upper

178 100

176 29.7 15.2 22.8#

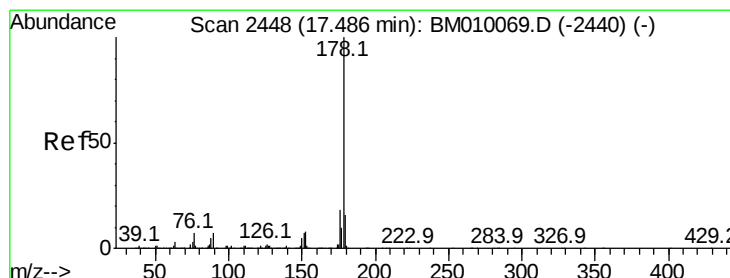
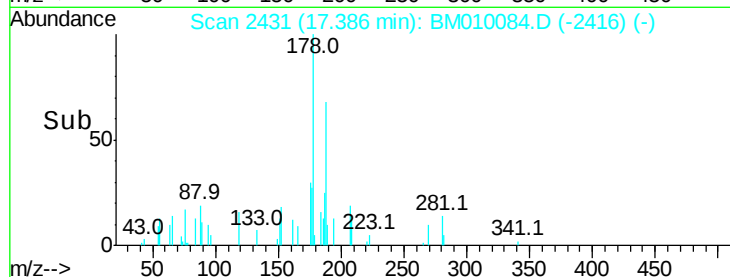
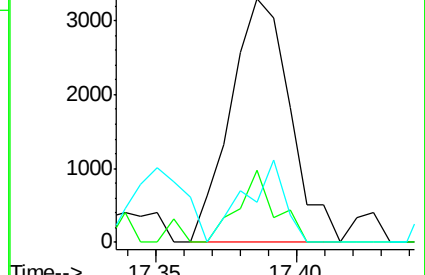
179 16.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

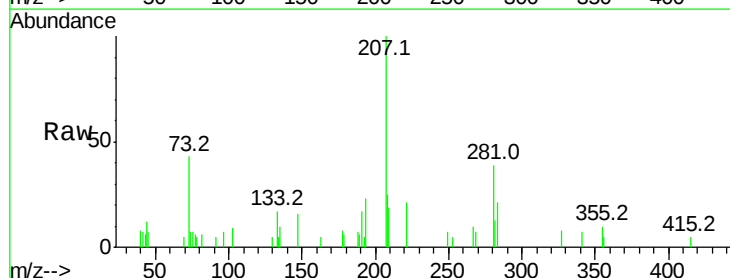
Tgt Ion:178 Resp: 711

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

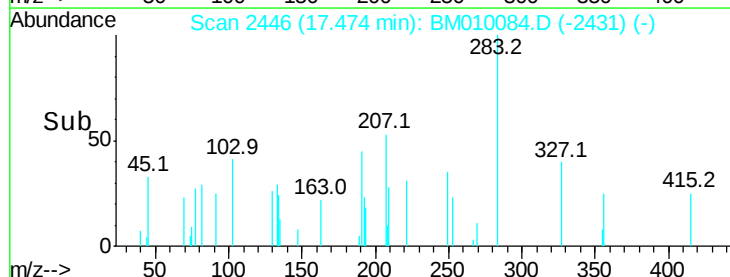
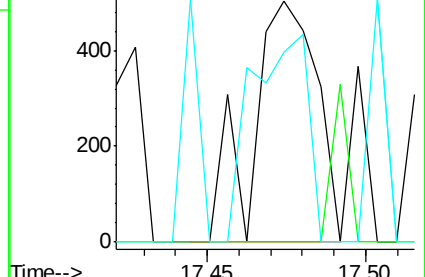
179 78.5 12.6 19.0#

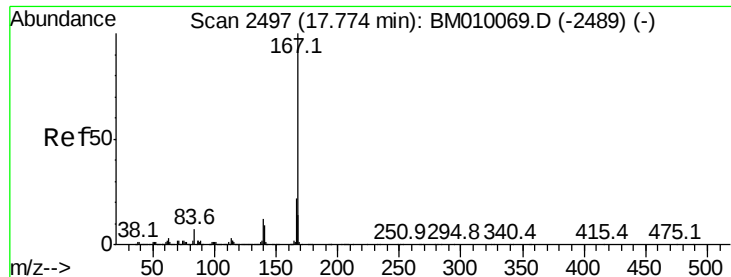


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.17 ng

RT: 17.76 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampled :

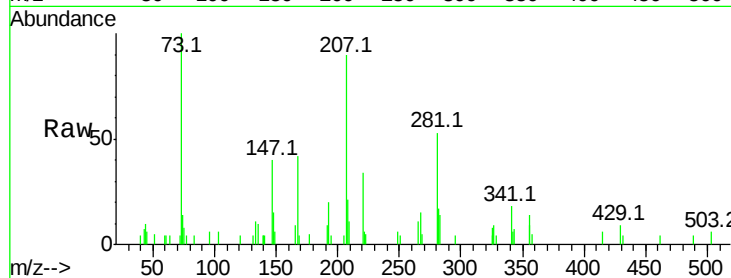
Tot Ion:167 Resp: 7522

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

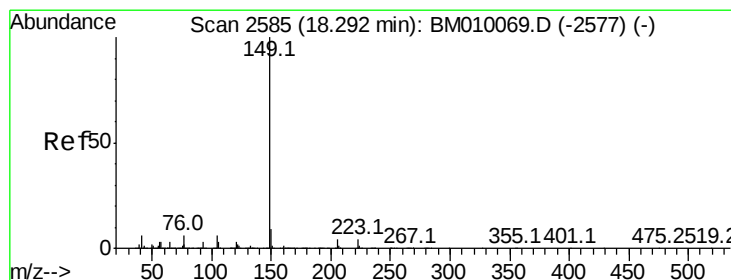
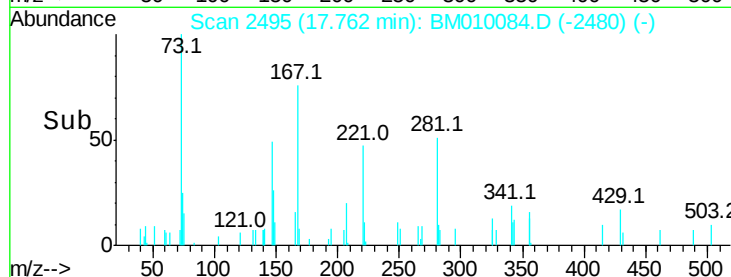
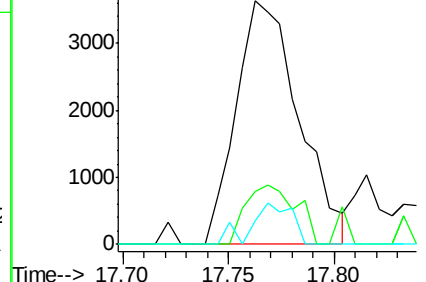
139 9.7 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.17 ng

RT: 18.29 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

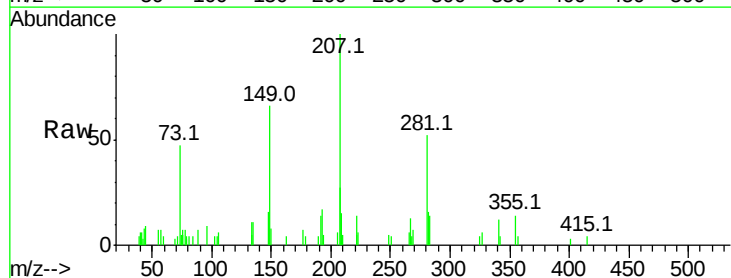
Tgt Ion:149 Resp: 8718

Ion Ratio Lower Upper

149 100

150 12.0 7.5 11.3#

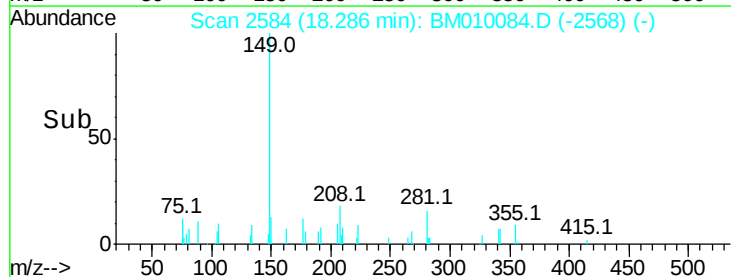
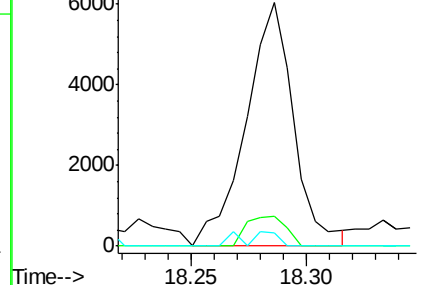
104 5.6 3.7 5.5#

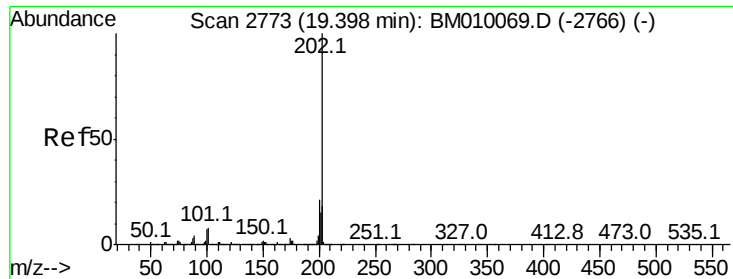


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.02 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

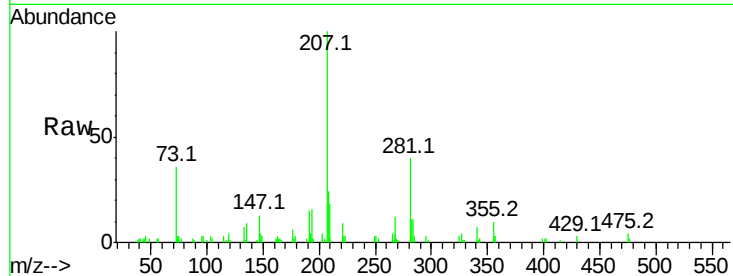
Tot Ion:202 Resp: 1087

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	34.3	0.0	37.2

202 100

101 0.0 0.0 28.7

203 34.3 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

1200

1000

800

600

400

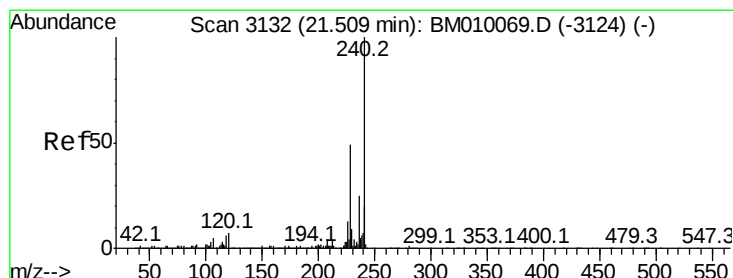
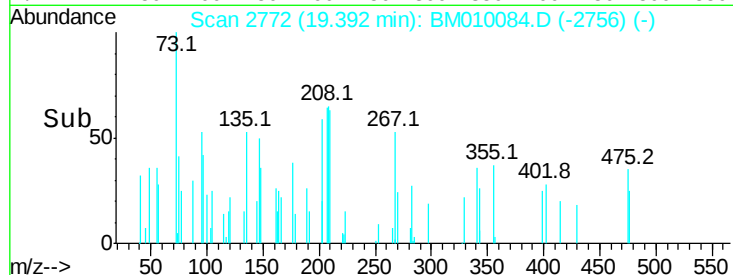
200

0

19.35

19.40

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

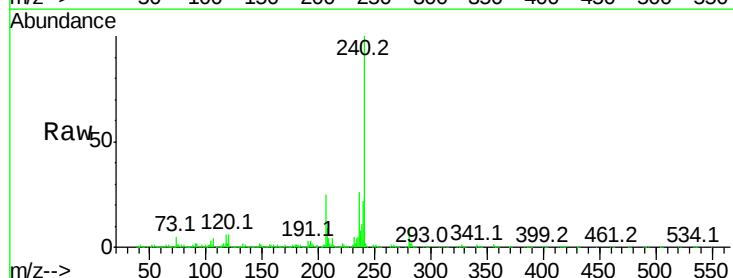
Tgt Ion:240 Resp: 1062848

Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	26.3	20.0	30.0

240 100

120 5.8 8.2 12.2#

236 26.3 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

1200000

1000000

800000

600000

400000

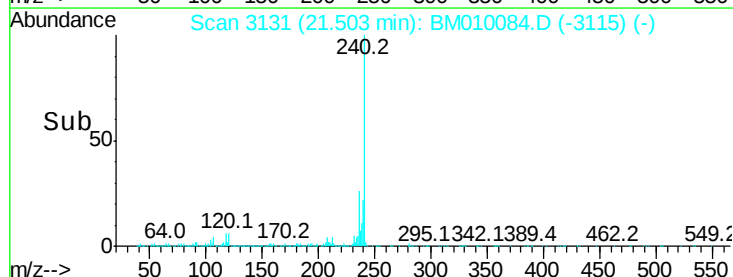
200000

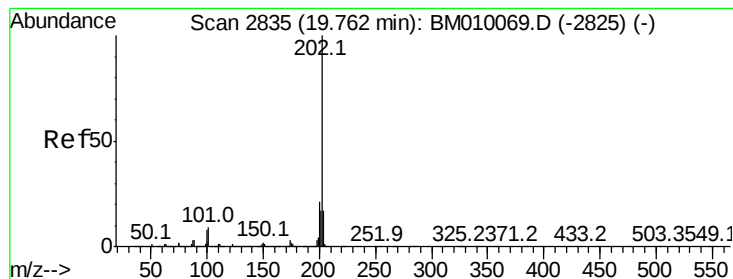
0

21.40

21.50

Time-->





#77

Pvrene

Concen: 0.03 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

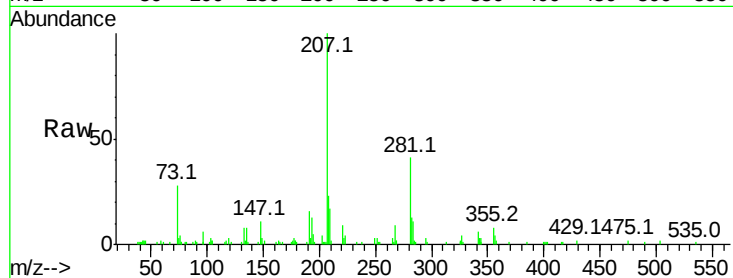
Tot Ion:202 Resp: 1701

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

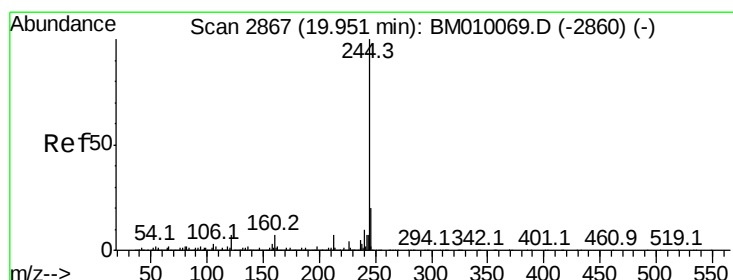
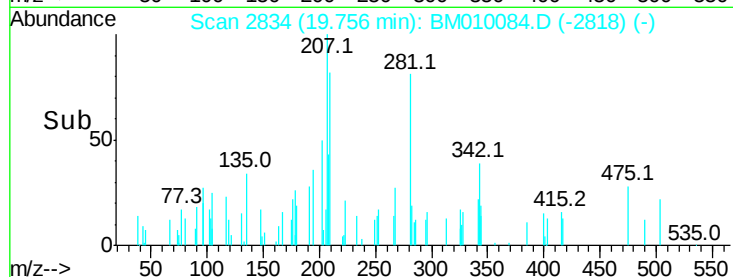
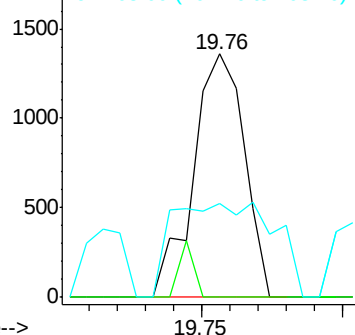
203 38.6 14.1 21.1#



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: 102.94 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

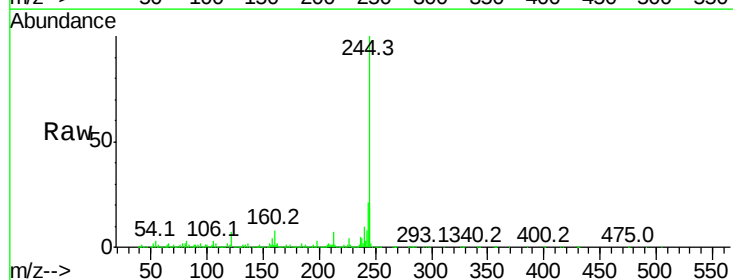
Tgt Ion:244 Resp: 4811956

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

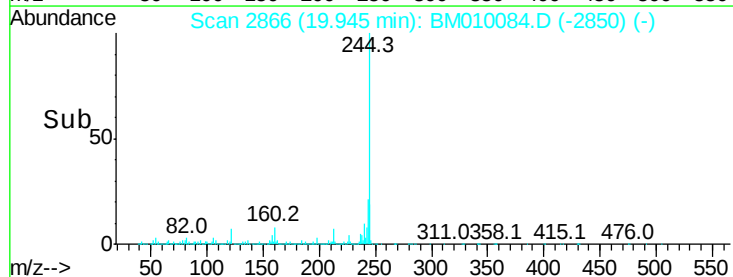
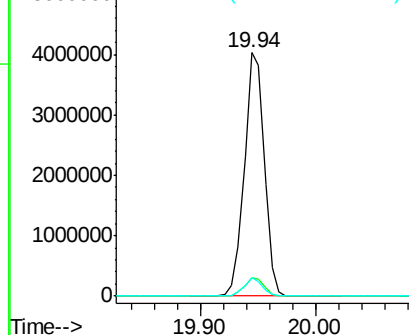
122 7.3 6.2 9.4

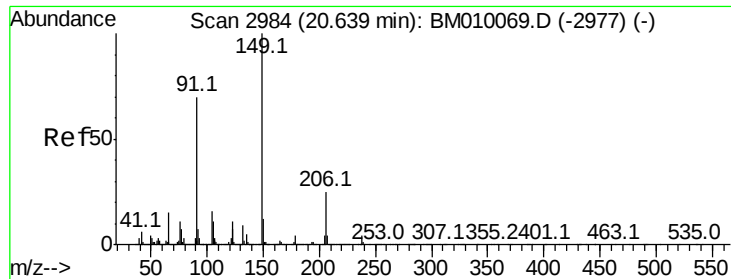


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

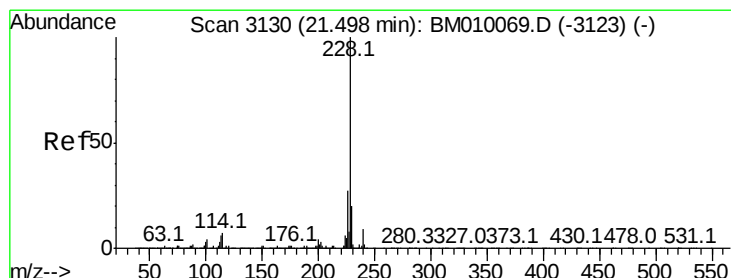
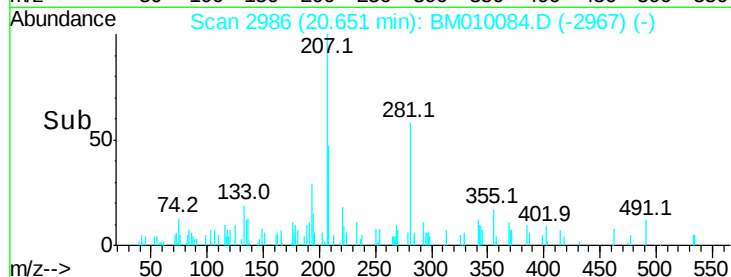
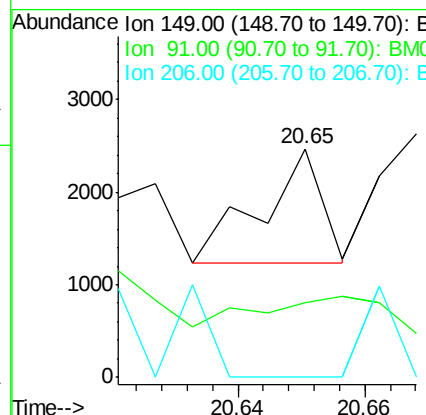
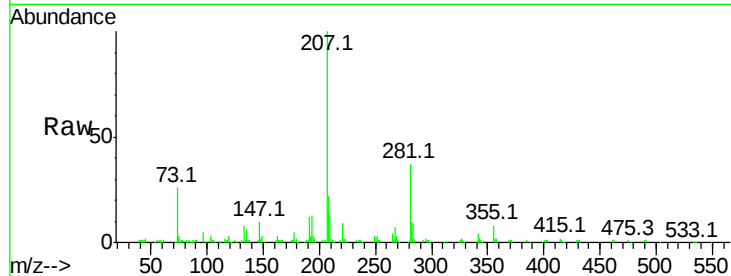




#79
 Butylbenzylphthalate
 Concen: 0.04 ng
 RT: 20.65 min Scan# 2986
 Delta R.T. 0.01 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

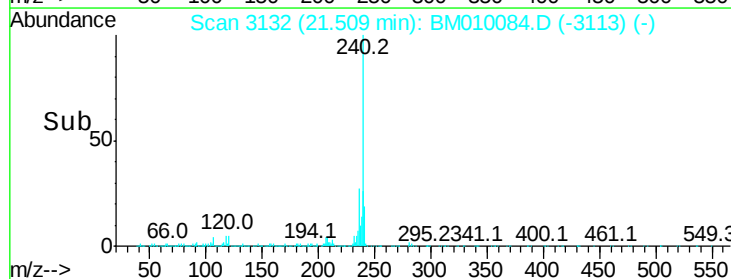
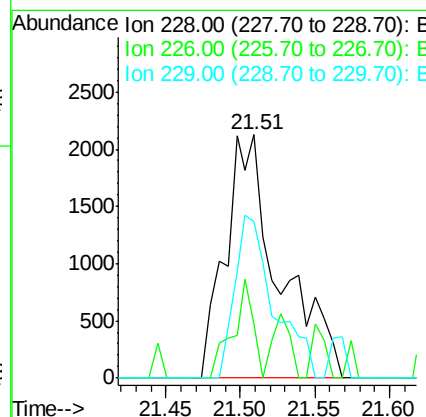
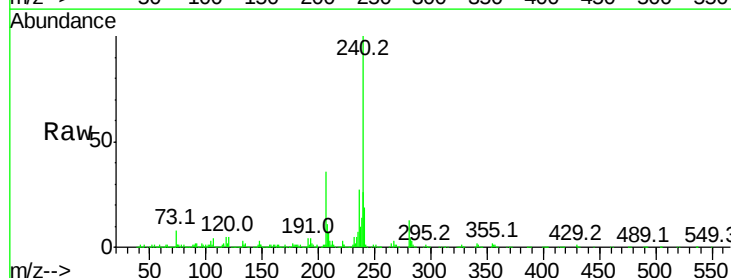
Instrument :
 BNA_M
 ClientSampleId :

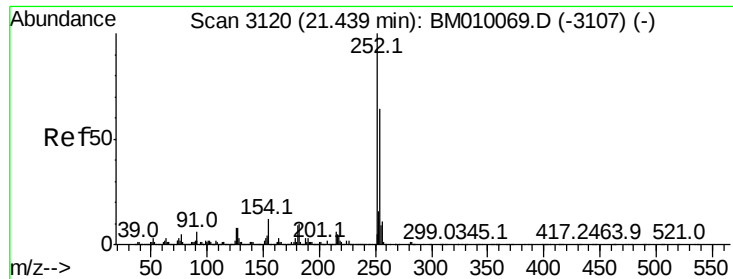
Tot Ion:149 Resp: 807
 Ion Ratio Lower Upper
 149 100
 91 32.9 50.1 75.1#
 206 0.0 16.2 24.2#



#80
 Benzo(a)anthracene
 Concen: 0.09 ng
 RT: 21.51 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

Tgt Ion:228 Resp: 5383
 Ion Ratio Lower Upper
 228 100
 226 22.4 21.7 32.5
 229 64.1 16.0 24.0#

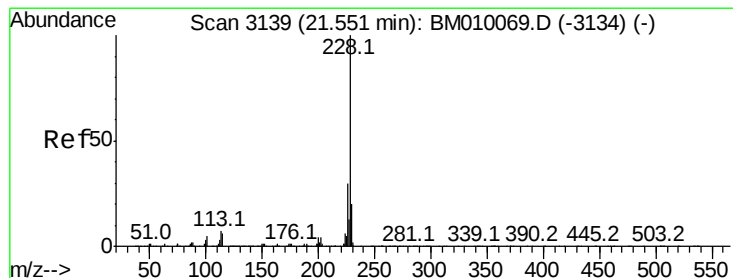
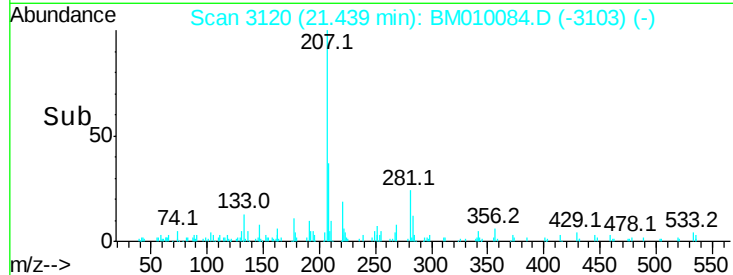
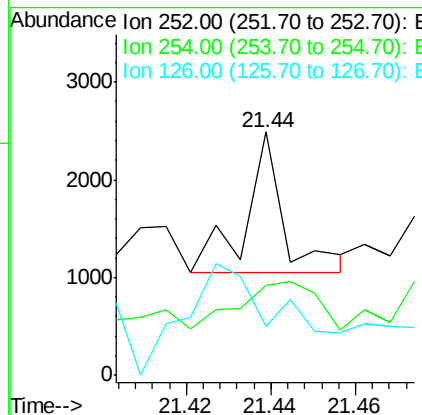
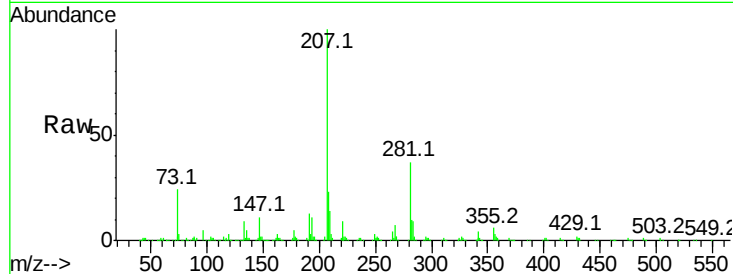




#81
 3,3'-Dichlorobenzidine
 Concen: 0.04 ng
 RT: 21.44 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

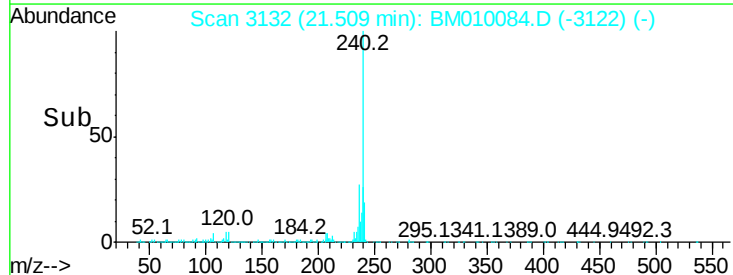
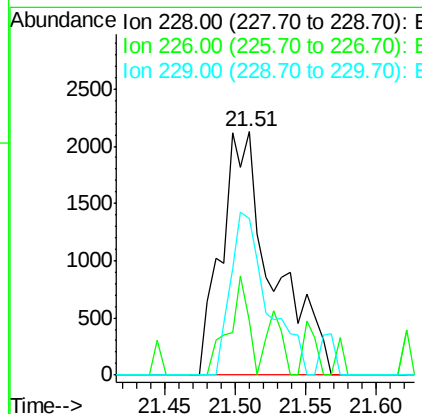
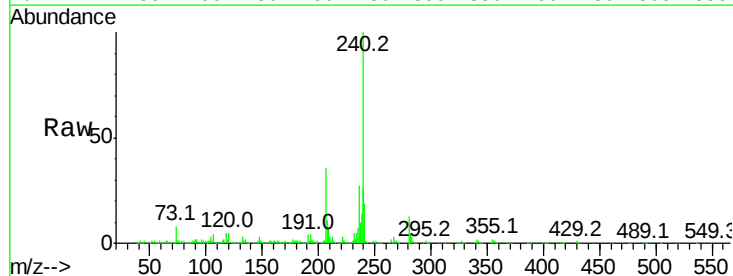
Instrument :
 BNA_M
 ClientSampleId :

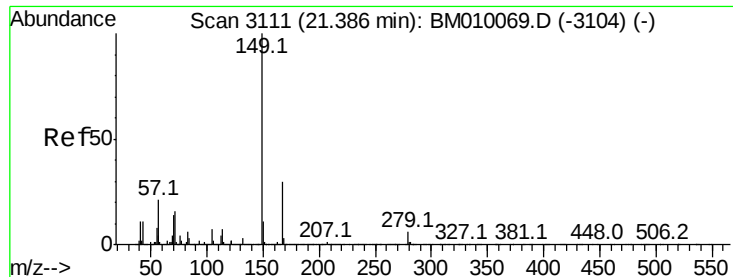
Tot Ion:252 Resp: 907
 Ion Ratio Lower Upper
 252 100
 254 37.1 51.9 77.9#
 126 20.3 9.8 14.8#



#82
 Chrysene
 Concen: 0.10 ng
 RT: 21.51 min Scan# 3132
 Delta R.T. -0.04 min
 Lab File: BM010084.D
 Acq: 20 May 2017 00:14

Tgt Ion:228 Resp: 5382
 Ion Ratio Lower Upper
 228 100
 226 22.4 24.1 36.1#
 229 64.1 15.5 23.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

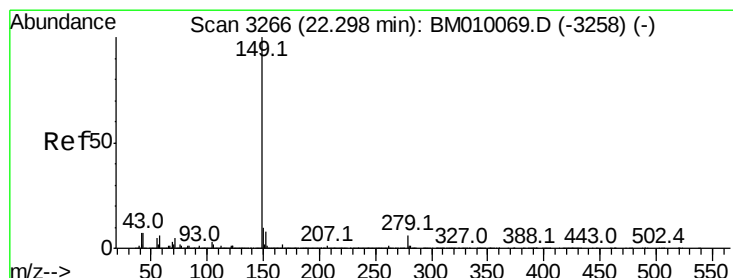
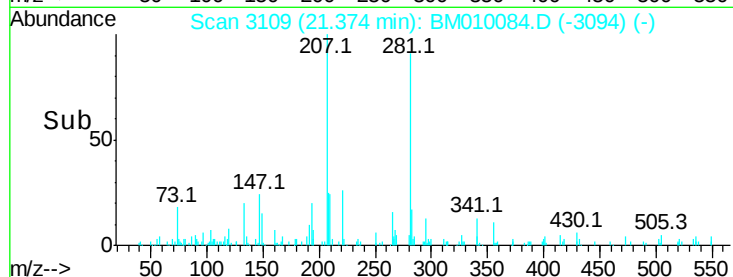
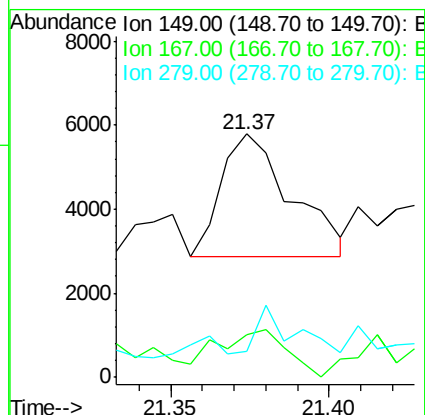
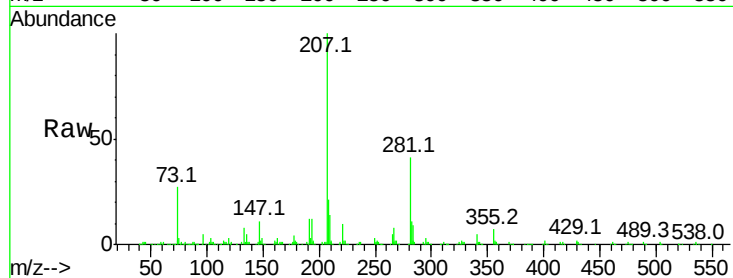
Tot Ion:149 Resp: 4476

Ion Ratio Lower Upper

149 100

167 17.8 22.4 33.6#

279 10.6 3.4 5.0#



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

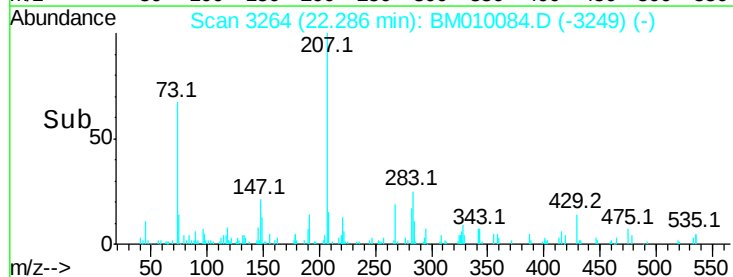
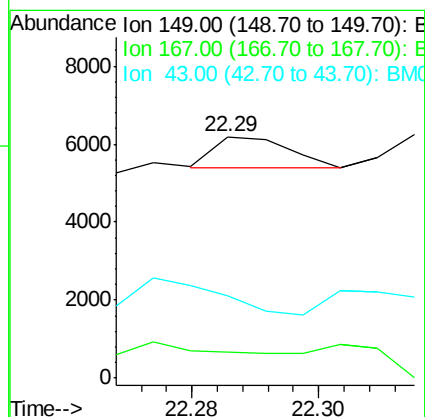
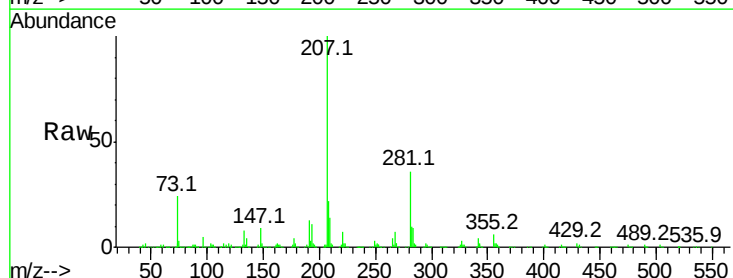
Tgt Ion:149 Resp: 658

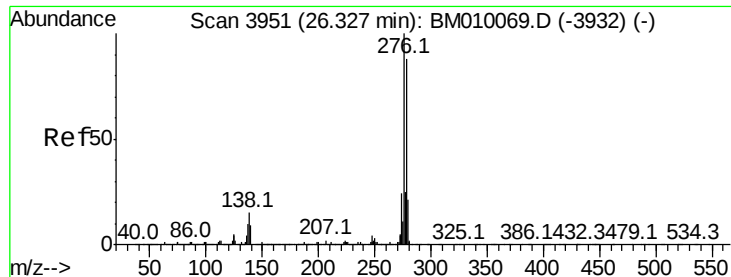
Ion Ratio Lower Upper

149 100

167 68.1 1.2 1.8#

43 126.4 7.3 10.9#

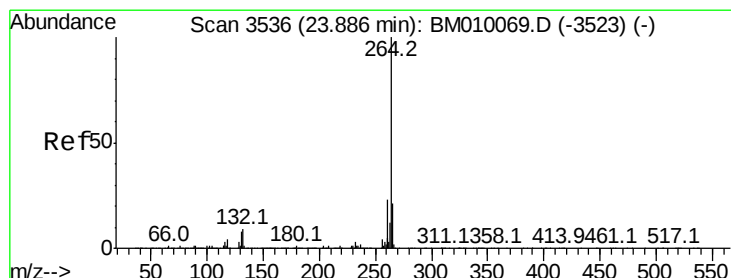
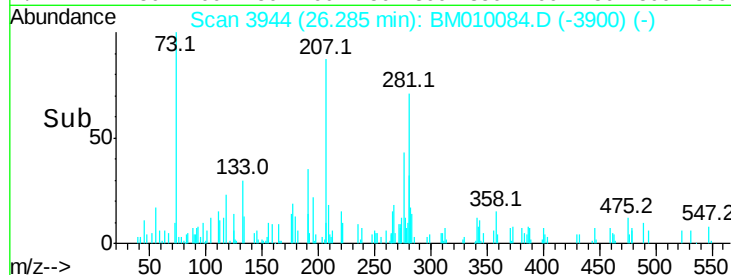
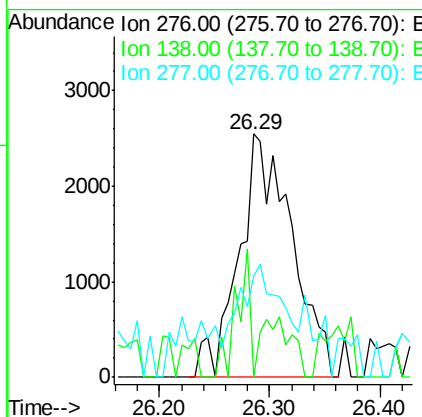
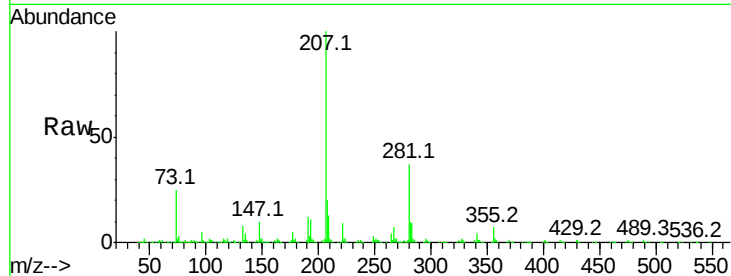




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.29 min Scan# 3944
Delta R.T. -0.04 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

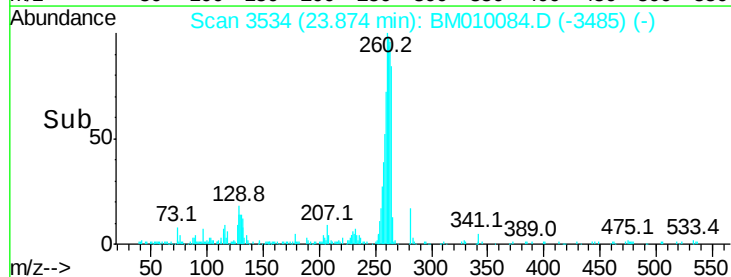
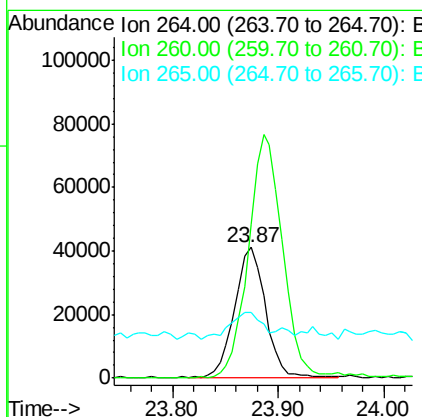
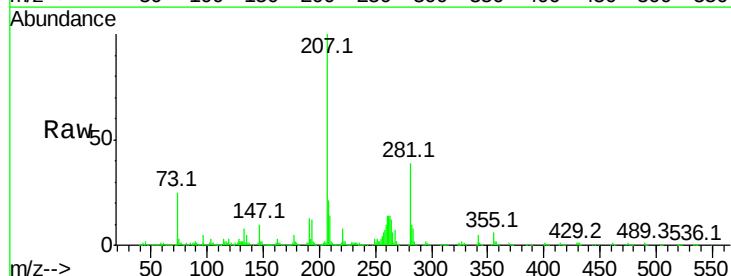
Instrument :
BNA_M
ClientSampleId :

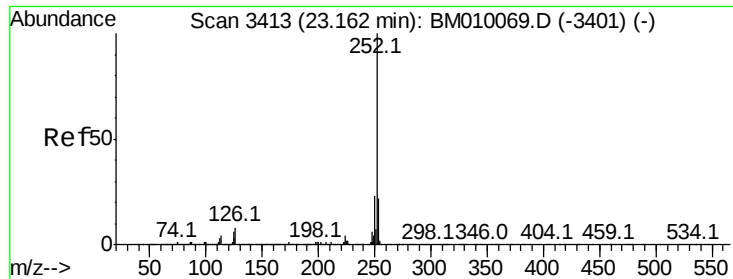
Tot Ion:276 Resp: 8533
Ion Ratio Lower Upper
276 100
138 15.7 0.0 0.0#
277 24.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM010084.D
Acq: 20 May 2017 00:14

Tgt Ion:264 Resp: 82590
Ion Ratio Lower Upper
264 100
260 118.0 18.6 27.8#
265 49.8 17.3 25.9#





#87

Benzo(b)fluoranthene

Concen: 0.19 ng

RT: 23.15 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM010084.D

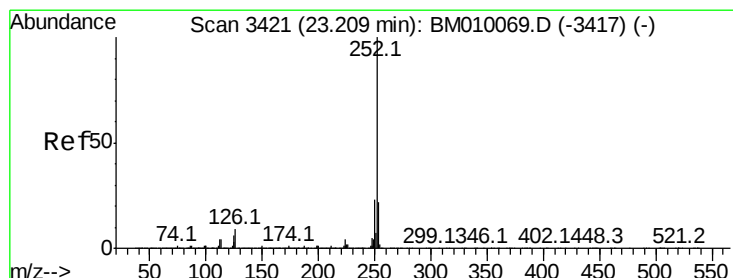
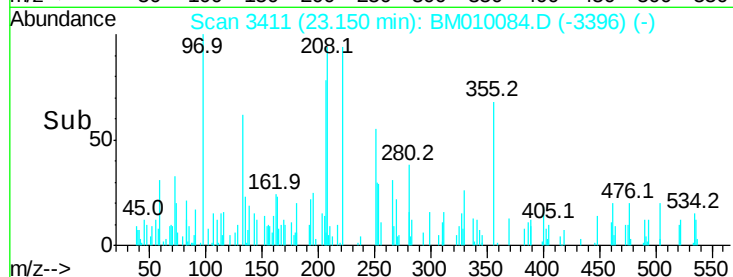
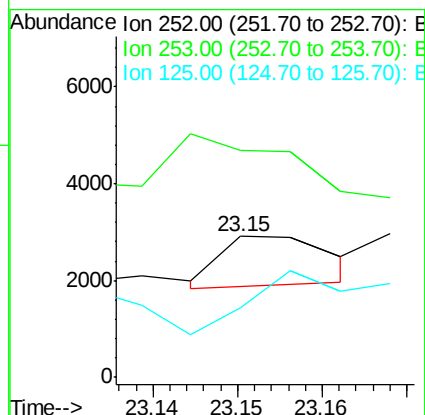
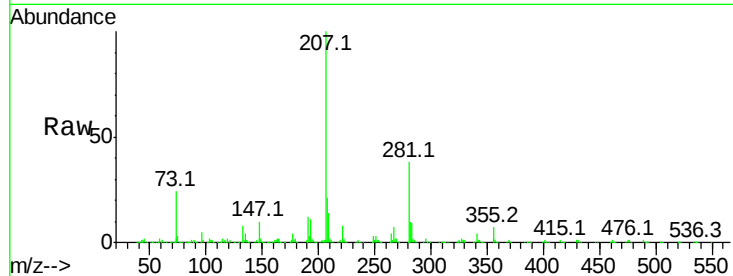
Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

Tot	Ion:252	Resp:	919
Ion	Ratio	Lower	Upper
252	100		
253	161.3	18.0	27.0#
125	49.4	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 0.70 ng

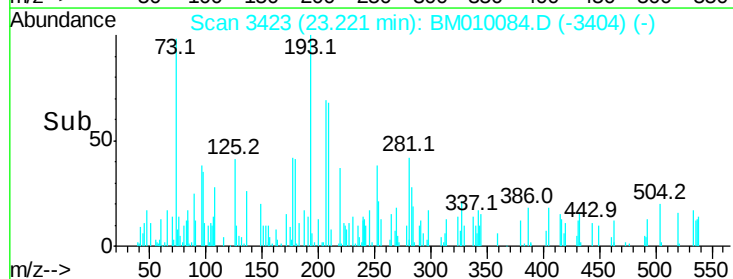
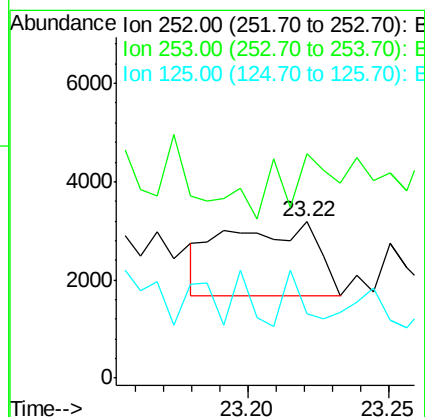
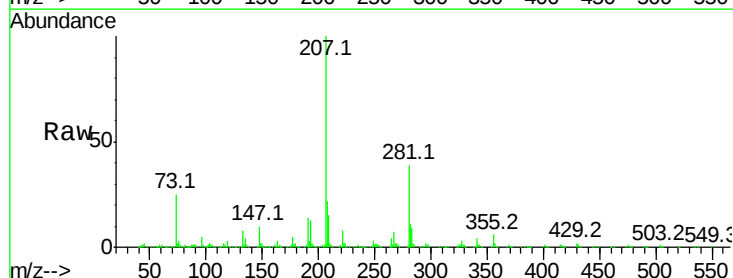
RT: 23.22 min Scan# 3423

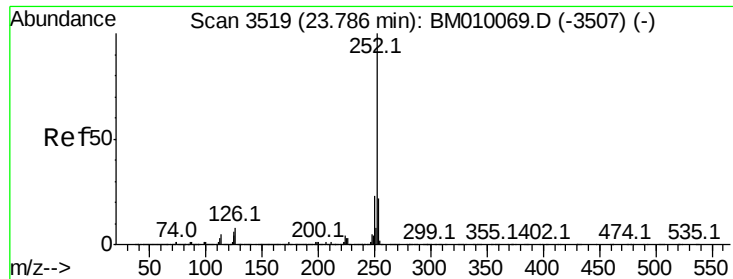
Delta R.T. 0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Tgt	Ion:252	Resp:	3325
Ion	Ratio	Lower	Upper
252	100		
253	143.6	17.2	25.8#
125	41.0	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 1.55 ng

RT: 23.77 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

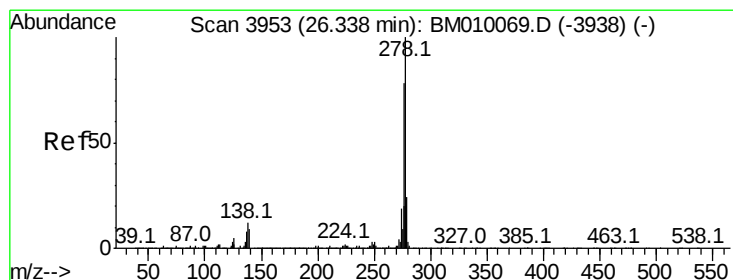
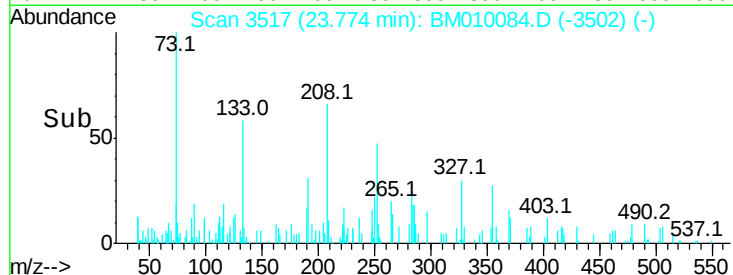
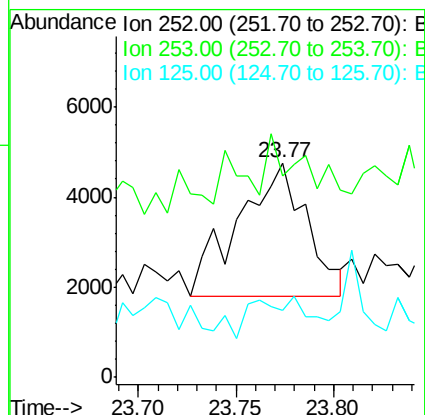
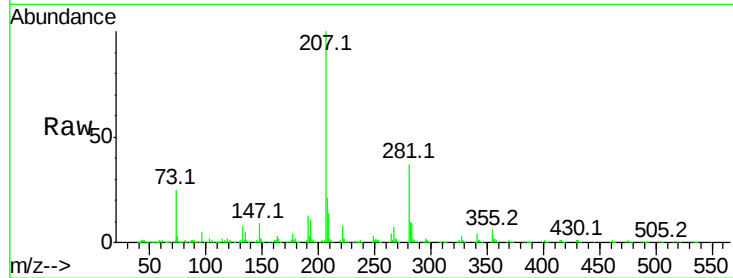
Instrument :

BNA_M

ClientSampled :

Tot Ion:252 Resp: 7151

Ion	Ratio	Lower	Upper
252	100		
253	94.2	17.6	26.4#
125	31.5	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.25 ng

RT: 26.29 min Scan# 3945

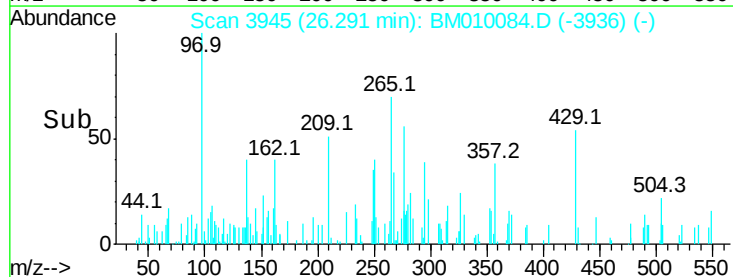
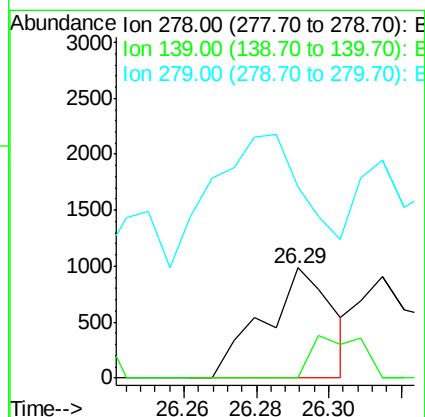
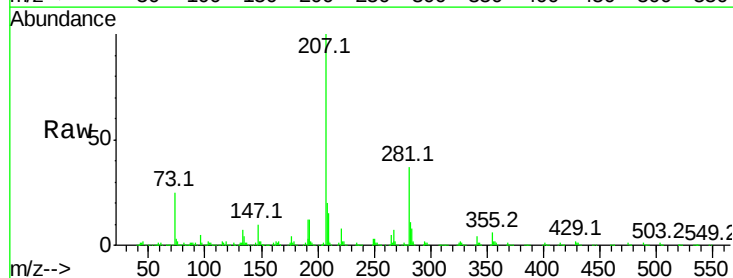
Delta R.T. -0.05 min

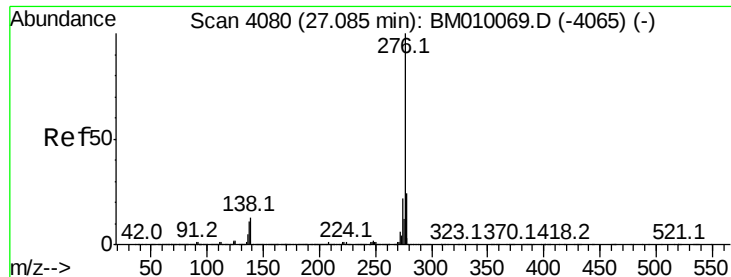
Lab File: BM010084.D

Acq: 20 May 2017 00:14

Tgt Ion:278 Resp: 1280

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	173.5	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 1.87 ng

RT: 27.06 min Scan# 4075

Delta R.T. -0.03 min

Lab File: BM010084.D

Acq: 20 May 2017 00:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 9423

Ion Ratio Lower Upper

276 100

277 30.6 18.5 27.7#

138 23.7 19.0 28.6

