

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010083.D
 Acq On : 19 May 2017 23:38
 Operator : SJ/MA
 Sample : I3202-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:03:41 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	172939	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	584277	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	354298	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	883980	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1389854	20.00	ng	0.00
86) Perylene-d12	23.87	264	987404	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1337176	139.63	ng	0.00
7) Phenol-d6	7.16	99	1509517	122.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	1078114	99.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	809072	150.36	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2746739	99.66	ng	0.00
78) Terphenyl-d14	19.94	244	5431145	88.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	315	0.07	ng	# 100
3) Pyridine	3.87	79	147	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	694	0.16	ng	# 4
9) Benzaldehyde	7.16	77	5108	0.67	ng	# 10
10) Phenol	7.20	94	287	0.02	ng	# 1
13) 1,4-Dichlorobenzene	8.00	146	122	0.01	ng	# 41
14) 1,2-Dichlorobenzene	8.32	146	1715	0.13	ng	# 31
15) Benzyl Alcohol	8.29	79	22286	2.39	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.43	45	937	0.10	ng	# 66
18) Hexachloroethane	9.06	117	119	0.03	ng	# 27
22) Acetophenone	8.83	105	734	0.05	ng	# 52
24) Nitrobenzene	9.22	77	535	0.05	ng	# 42
25) Isophorone	9.70	82	492	0.03	ng	# 62
31) Naphthalene	10.83	128	41243	1.32	ng	# 98
37) 2-Methylnaphthalene	12.43	142	37637	1.67	ng	# 90
45) 1,1'-Biphenyl	13.44	154	5180	0.18	ng	# 88
48) Acenaphthylene	14.33	152	1037	0.03	ng	# 61
51) Acenaphthene	14.66	154	3964	0.18	ng	# 98
54) Dibenzofuran	15.00	168	2909	0.09	ng	# 70
55) 4-Nitrophenol	15.00	139	1269	0.28	ng	# 18
56) 2,4-Dinitrotoluene	14.98	165	183	0.02	ng	# 11
57) Fluorene	15.65	166	4017	0.14	ng	# 77
59) Diethylphthalate	15.42	149	2711	0.09	ng	# 69
62) Azobenzene	15.93	77	348	0.02	ng	# 20
65) n-Nitrosodiphenylamine	15.86	169	1092	0.04	ng	# 24
69) Pentachlorophenol	17.00	266	118	0.02	ng	# 19
70) Phenanthrene	17.39	178	10133	0.20	ng	# 92
71) Anthracene	17.47	178	1732	0.04	ng	# 51
72) Carbazole	17.77	167	6554	0.15	ng	# 99
73) Di-n-butylphthalate	18.29	149	6902	0.13	ng	# 88
74) Fluoranthene	19.40	202	2086	0.03	ng	# 76
77) Pvrene	19.76	202	1650	0.02	ng	# 60
79) Butylbenzylphthalate	20.64	149	1346	0.05	ng	# 57
80) Benzo(a)anthracene	21.50	228	4541	0.06	ng	# 85

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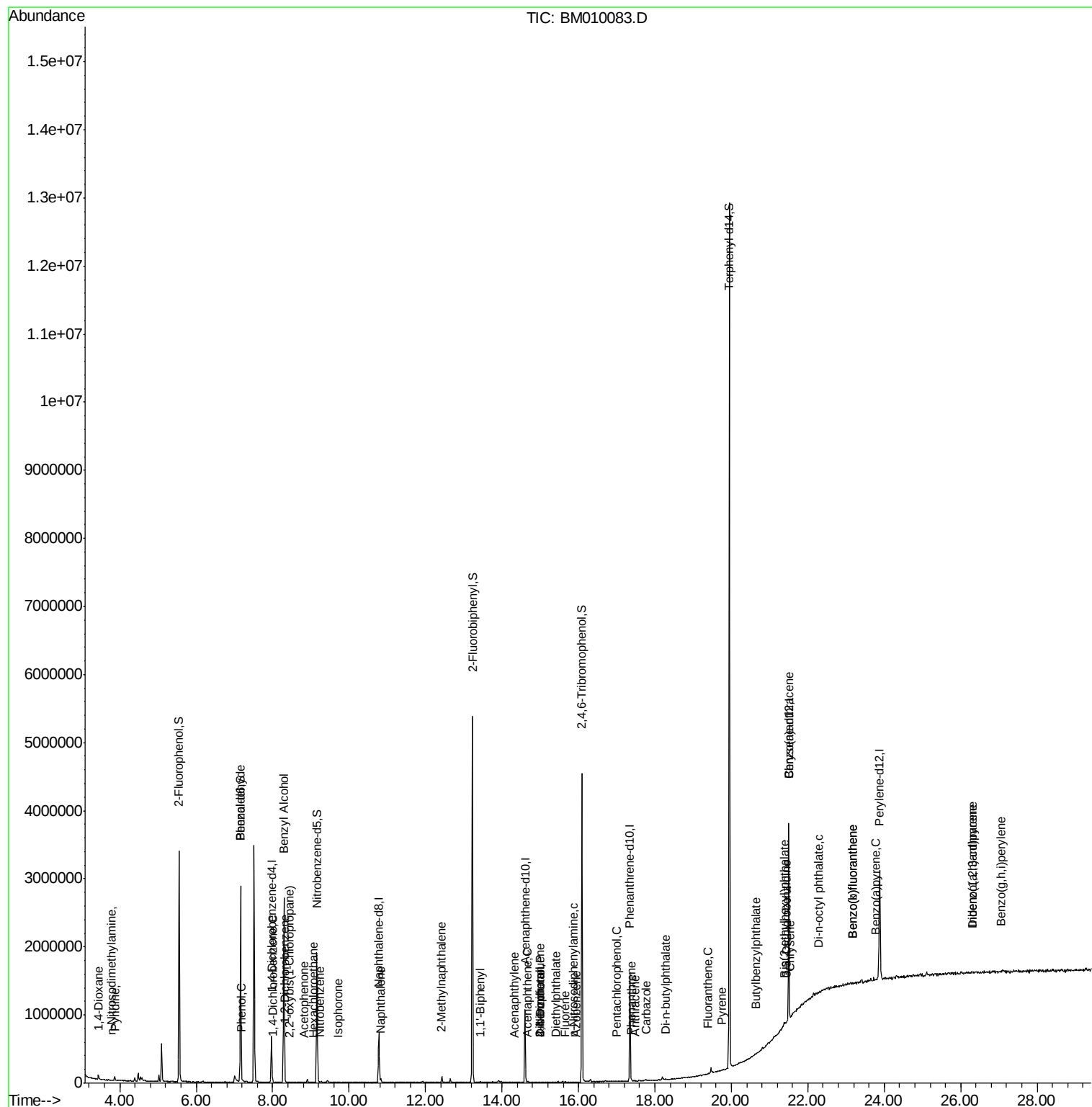
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	21.43	252	363	0.01	nq	# 60
82) Chrysene	21.54	228	998	0.01	nq	# 81
83) Bis(2-ethylhexyl)phthalate	21.37	149	3316	0.08	nq	# 72
84) Di-n-octyl phthalate	22.29	149	1066	0.01	nq	# 55
85) Indeno(1,2,3-cd)pyrene	26.30	276	7123	0.07	nq	# 100
87) Benzo(b)fluoranthene	23.17	252	2141	0.04	nq	# 1
88) Benzo(k)fluoranthene	23.17	252	2141	0.04	nq	# 1
89) Benzo(a)pyrene	23.77	252	3061	0.06	nq	# 1
90) Dibenzo(a,h)anthracene	26.33	278	1492	0.02	nq	# 1
91) Benzo(a,h,i)perylene	27.05	276	7794	0.13	nq	# 90

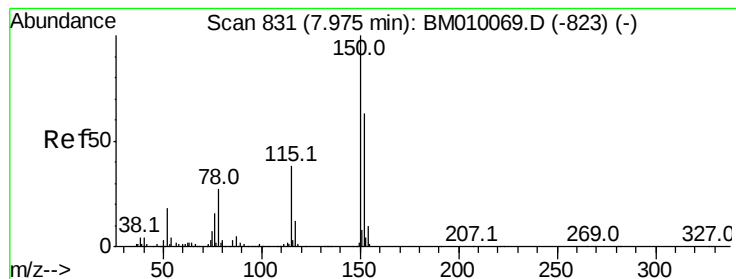
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampled :

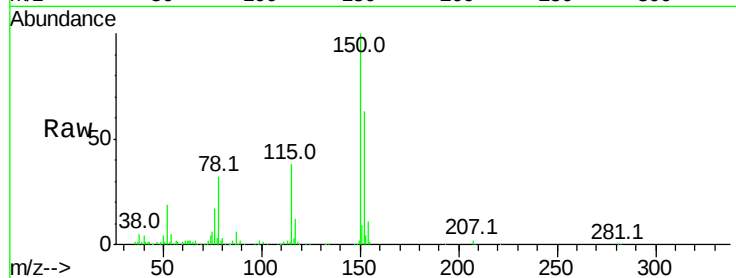
Tot Ion:152 Resp: 172939

Ion Ratio Lower Upper

152 100

150 160.0 119.5 179.3

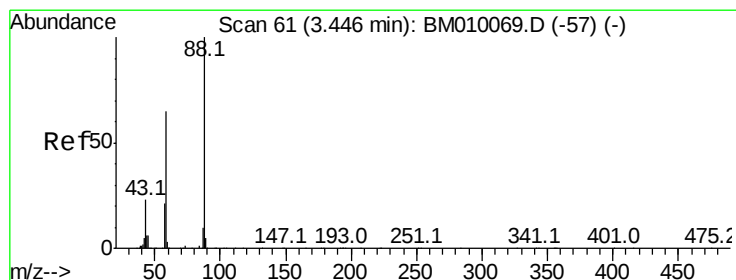
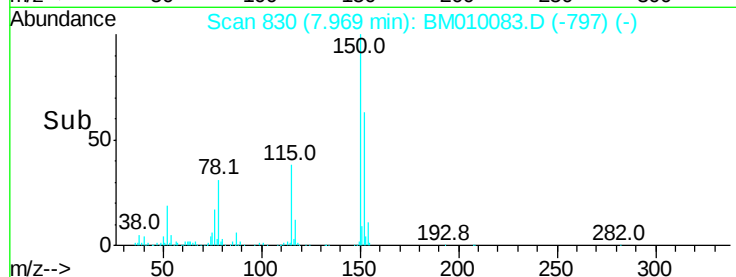
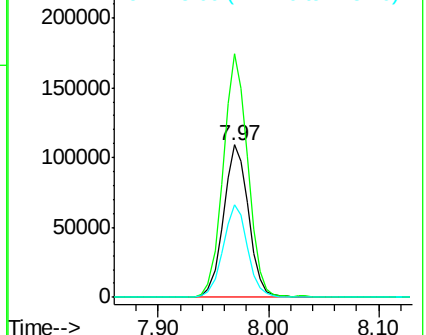
115 60.6 43.0 64.4



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: 0.07 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

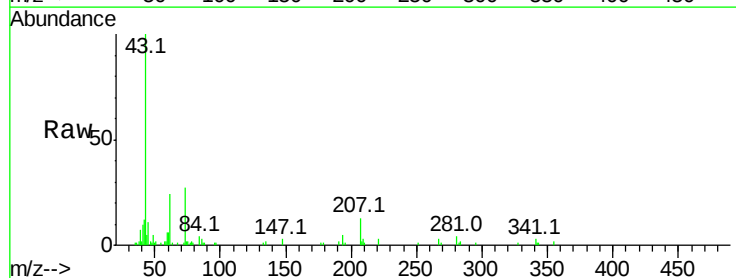
Tgt Ion: 88 Resp: 315

Ion Ratio Lower Upper

88 100

58 222.5 0.0 0.0#

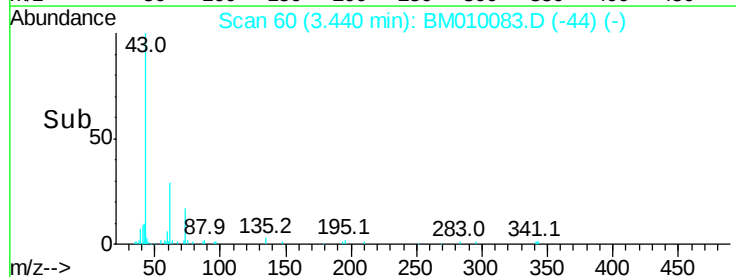
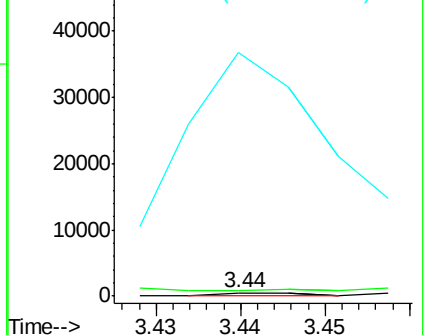
43 14147.3 0.0 0.0#

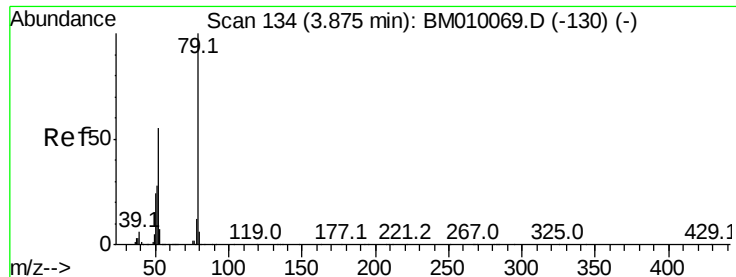


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.01 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

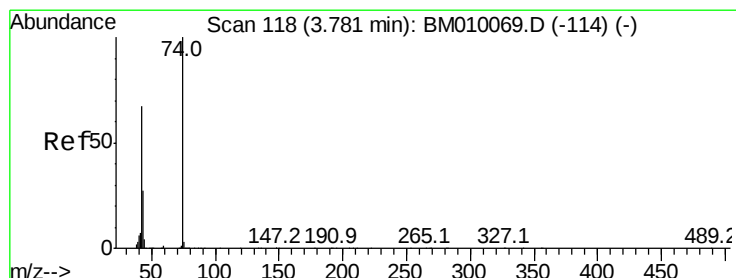
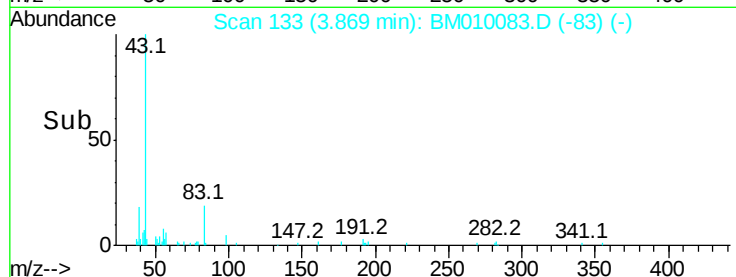
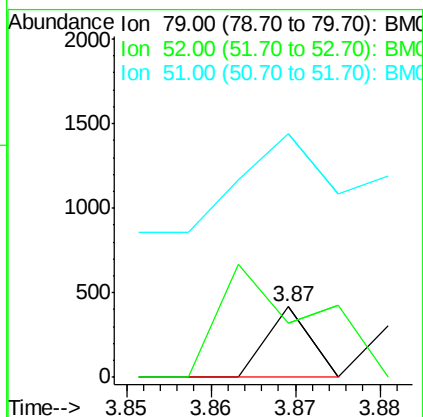
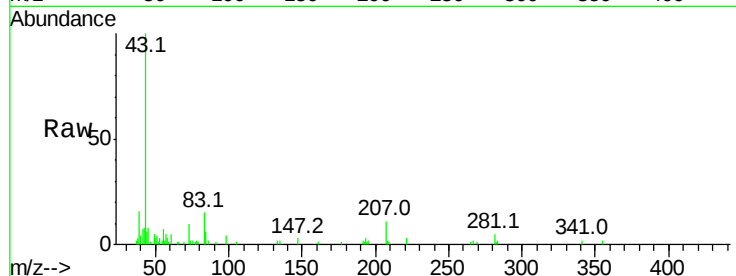
Tot Ion: 79 Resp: 147

Ion Ratio Lower Upper

79 100

52 76.7 51.1 76.7#

51 345.9 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

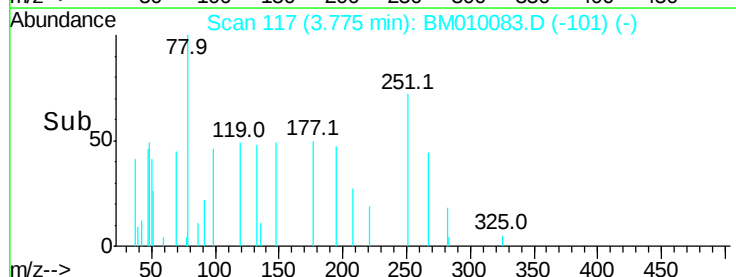
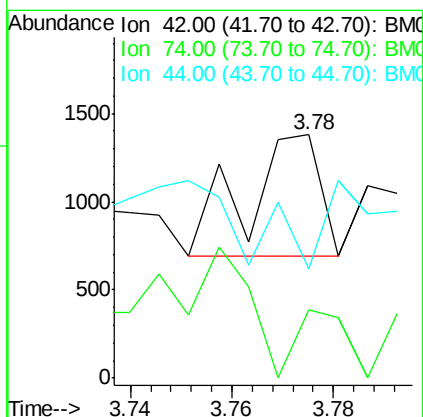
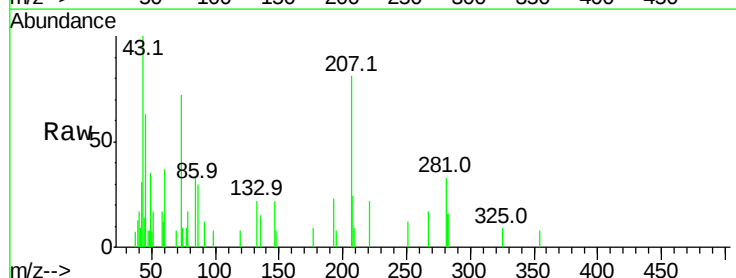
Tgt Ion: 42 Resp: 694

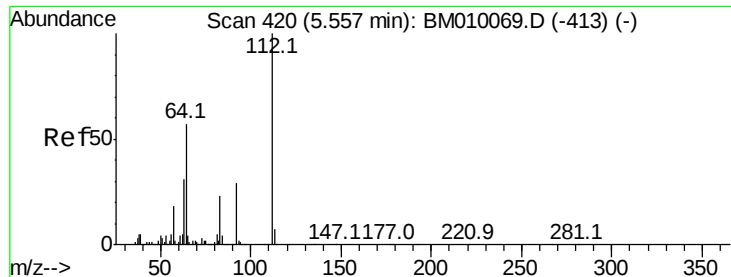
Ion Ratio Lower Upper

42 100

74 28.1 119.3 178.9#

44 44.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 139.63 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampled :

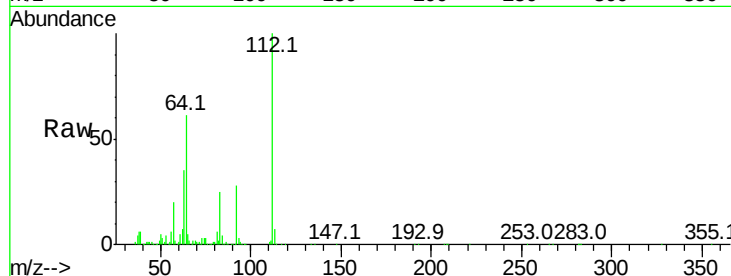
Tot Ion:112 Resp: 1337176

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

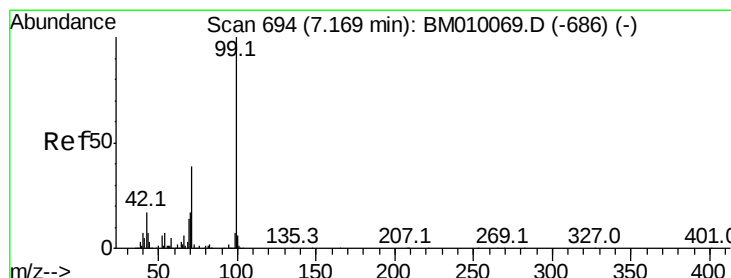
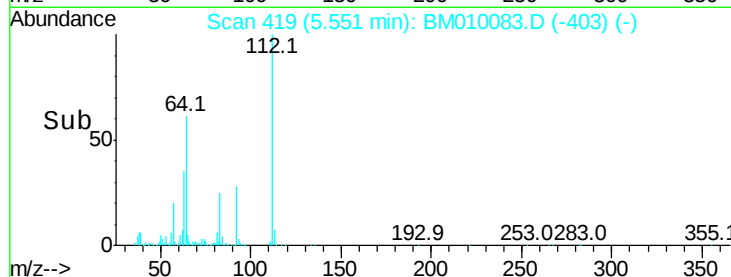
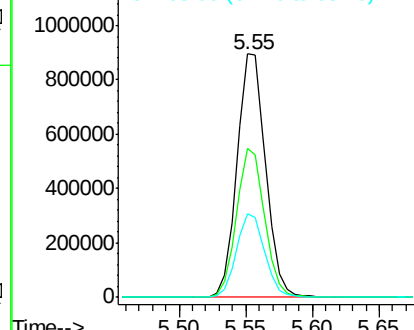
63 34.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 122.50 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

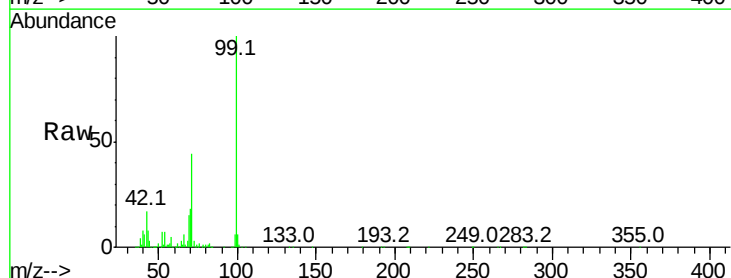
Tgt Ion: 99 Resp: 1509517

Ion Ratio Lower Upper

99 100

42 17.3 11.0 16.4#

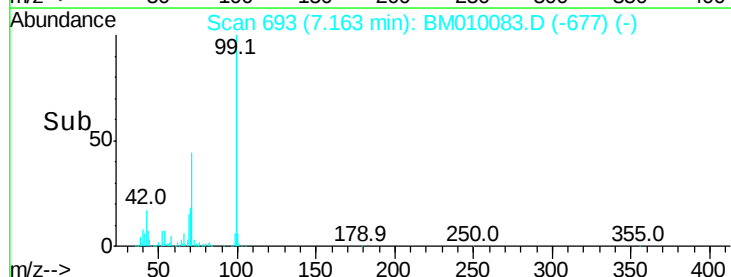
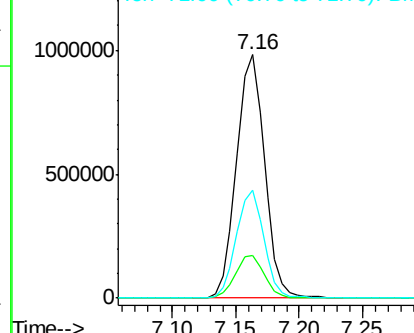
71 44.1 23.4 35.2#

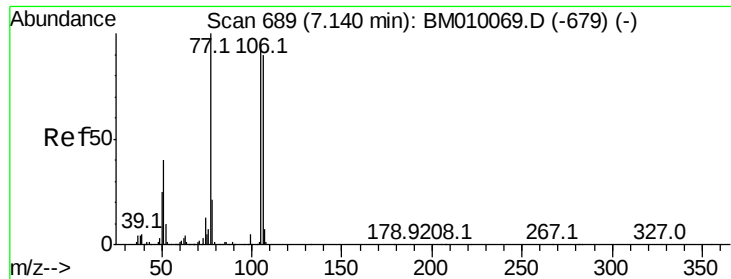


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.67 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

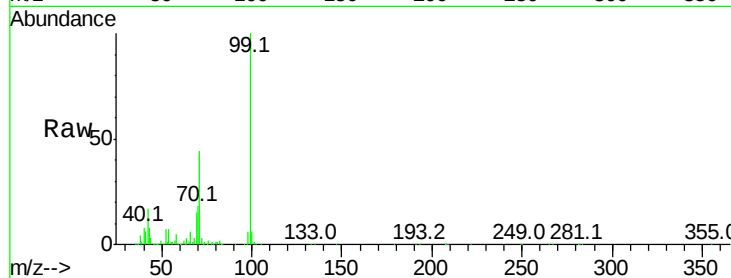
Tot Ion: 77 Resp: 5108

Ion Ratio Lower Upper

77 100

105 16.5 78.8 118.8#

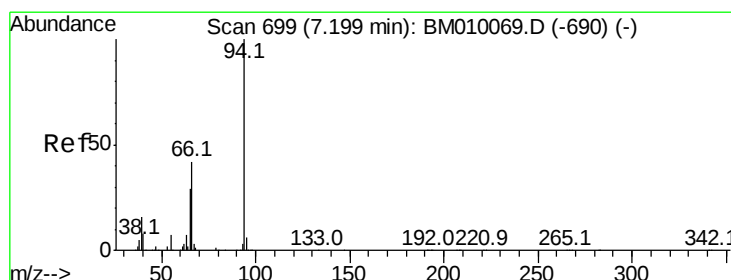
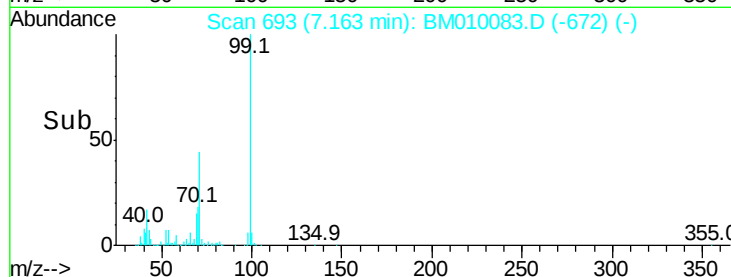
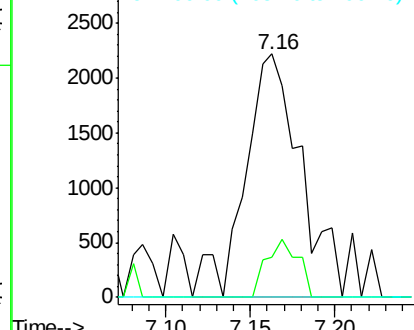
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)



#10

Phenol

Concen: 0.02 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

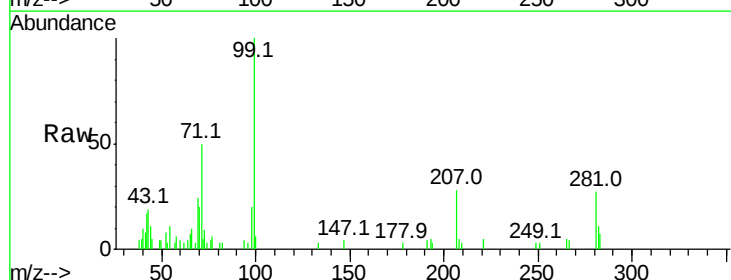
Tgt Ion: 94 Resp: 287

Ion Ratio Lower Upper

94 100

65 157.8 18.8 58.8#

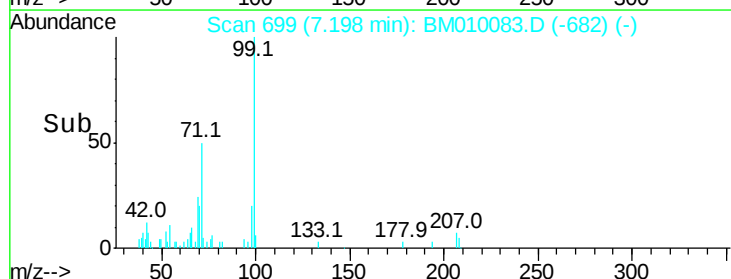
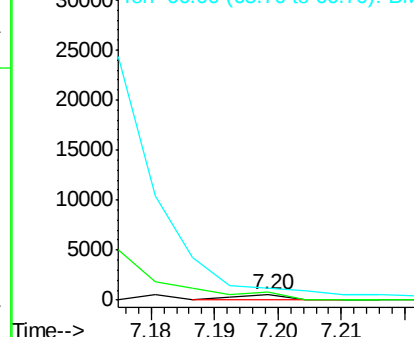
66 228.5 39.9 79.9#

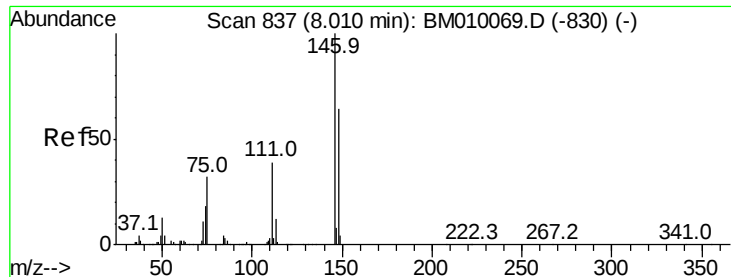


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)

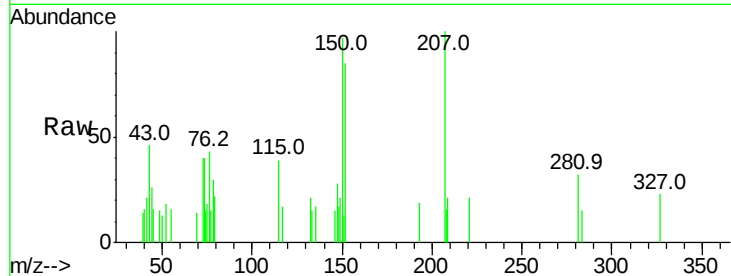




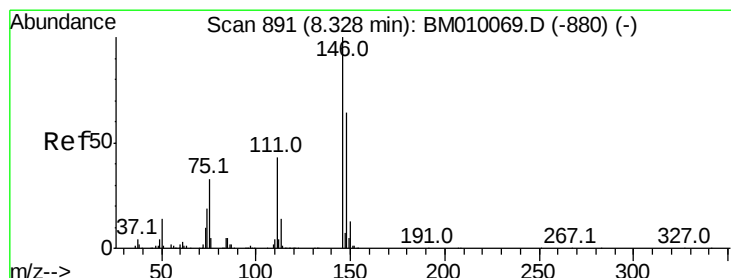
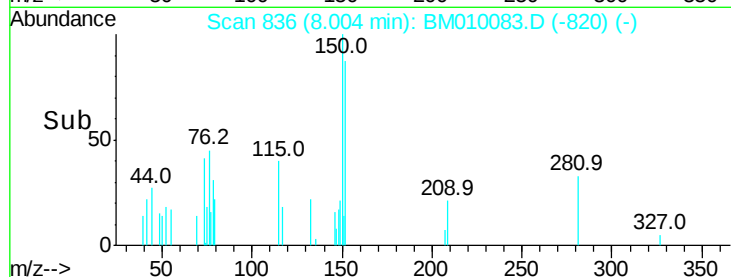
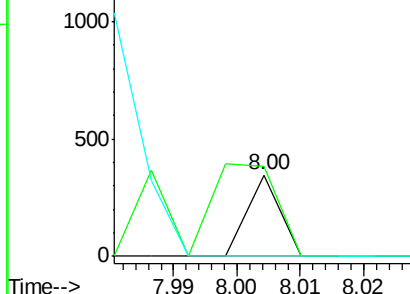
#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:146 Resp: 122
Ion Ratio Lower Upper
146 100
148 110.1 51.9 77.9#
111 0.0 29.2 43.8#

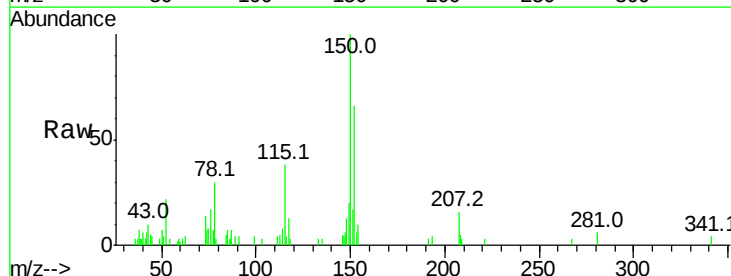


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

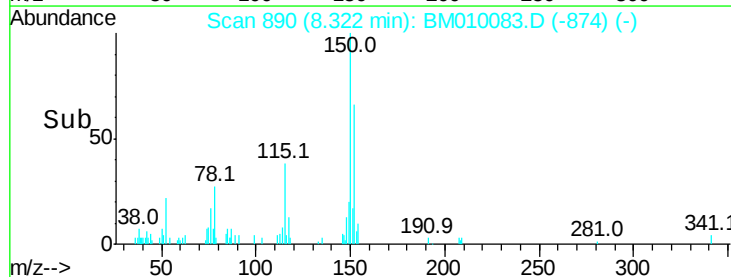
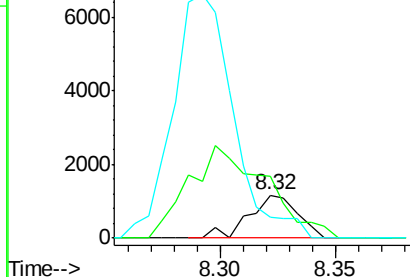


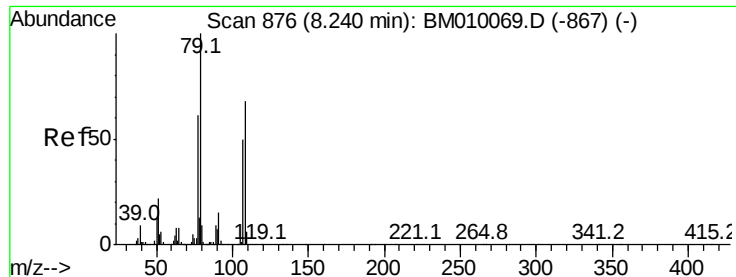
#14
1,2-Dichlorobenzene
Concen: 0.13 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion:146 Resp: 1715
Ion Ratio Lower Upper
146 100
148 144.5 52.3 78.5#
111 47.3 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: 2.39 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.05 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampled :

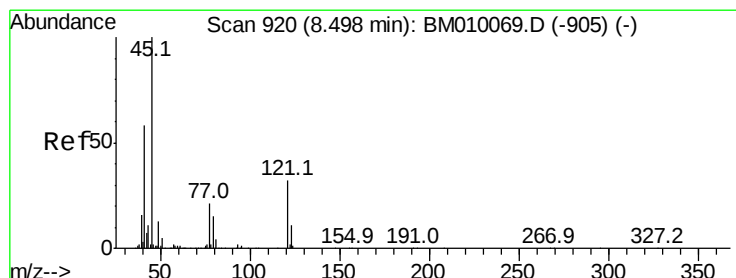
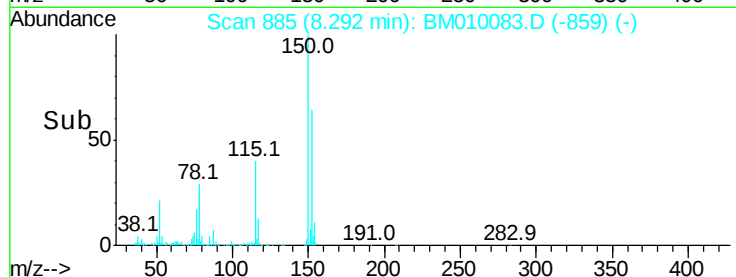
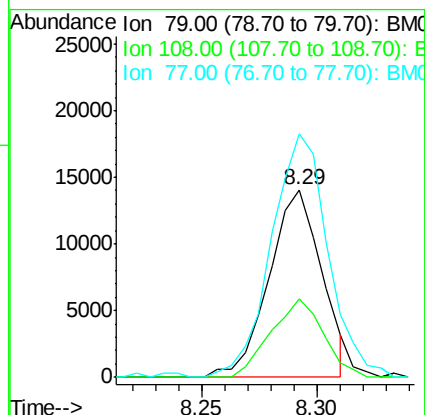
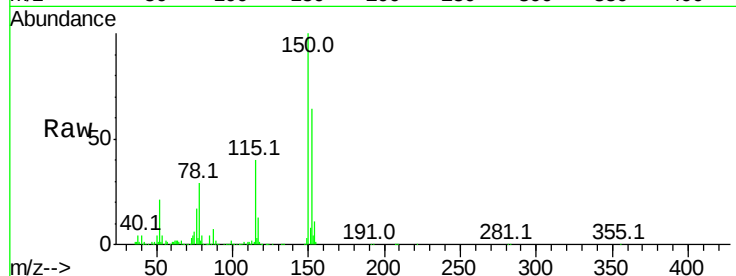
Tot Ion: 79 Resp: 22286

Ion Ratio Lower Upper

79 100

108 42.1 65.0 97.4#

77 129.8 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.10 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.06 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

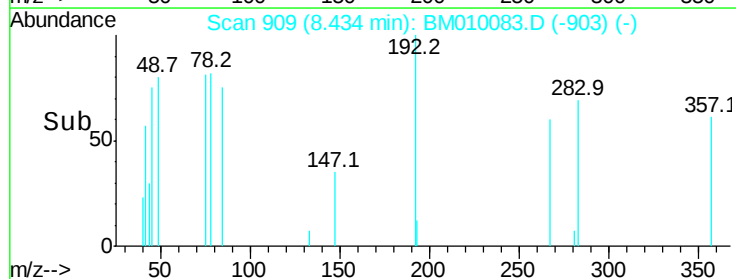
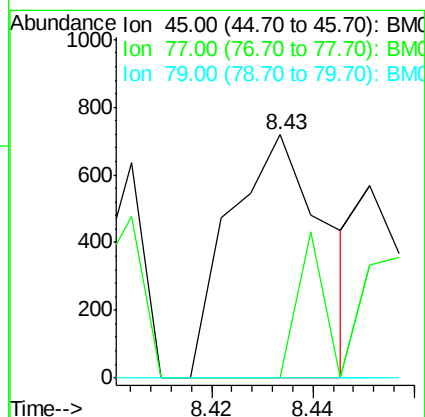
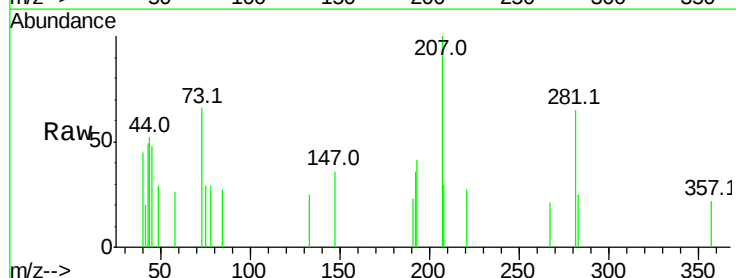
Tgt Ion: 45 Resp: 937

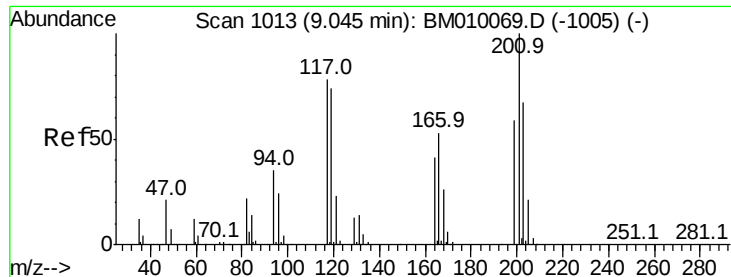
Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

79 0.0 0.0 32.0

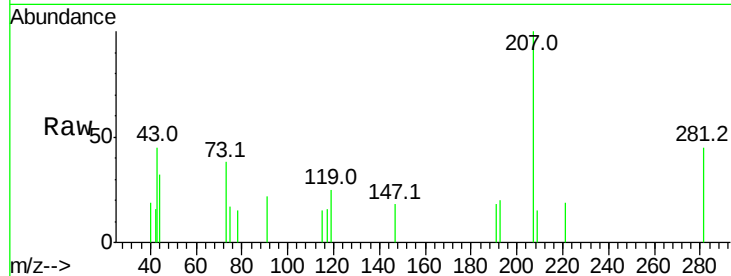




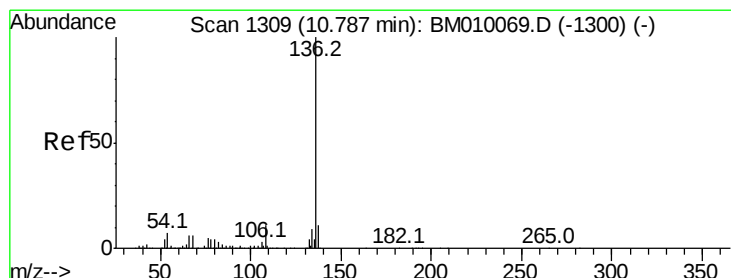
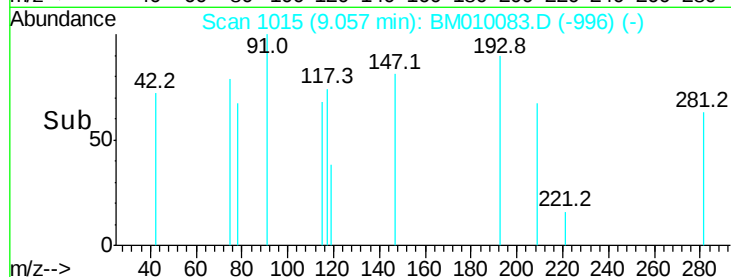
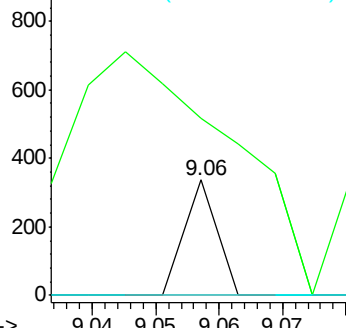
#18
Hexachloroethane
Concen: 0.03 ng
RT: 9.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 119
Ion Ratio Lower Upper
117 100
119 153.9 79.2 118.8#
201 0.0 69.8 104.6#

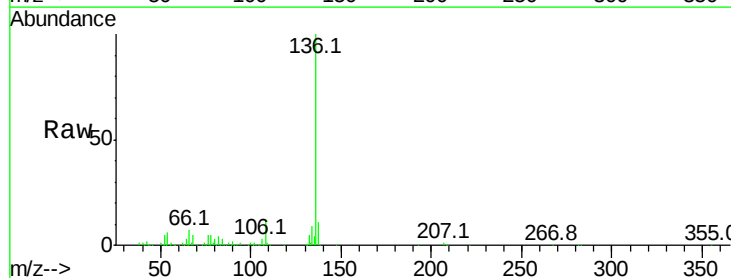


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

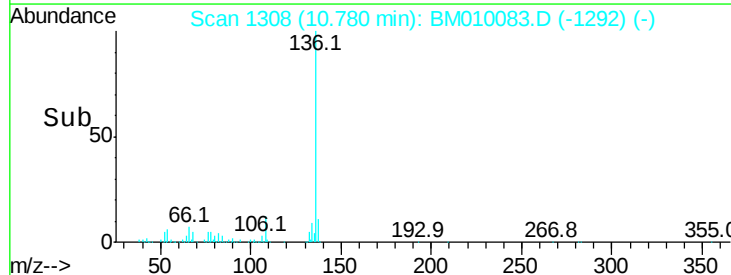
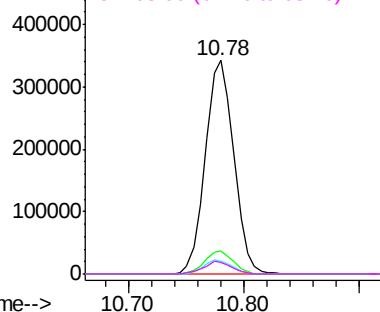


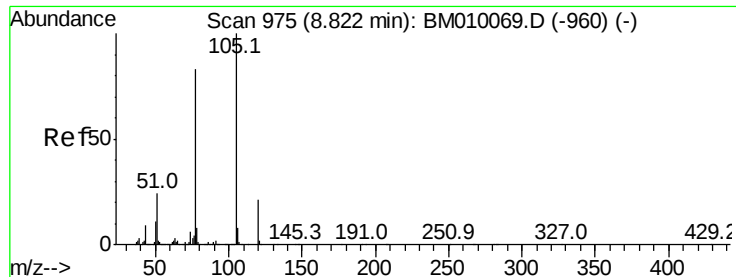
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion:136 Resp: 584277
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.3 4.6 6.8
68 5.4 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: 8.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BM010083.D

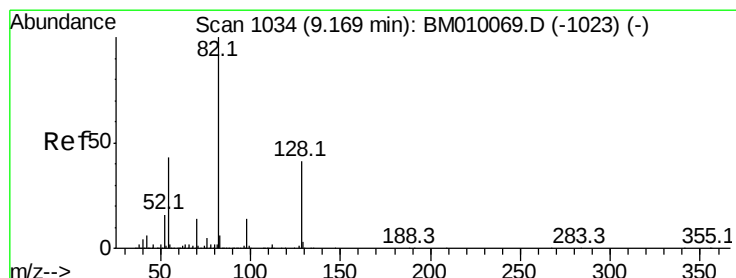
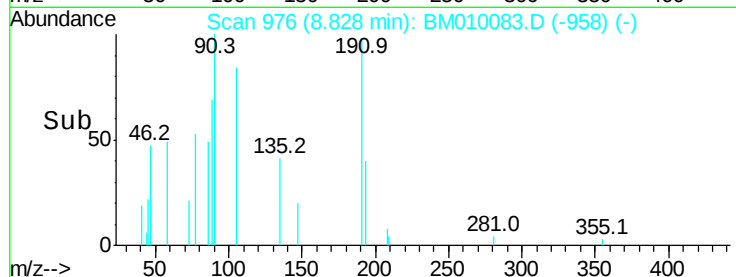
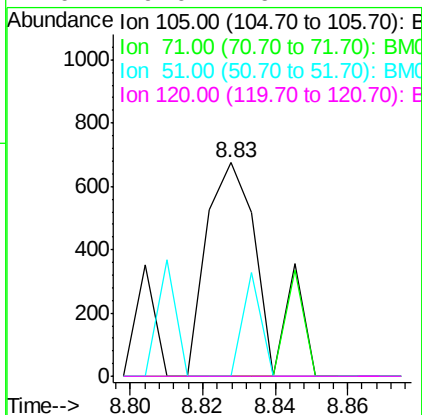
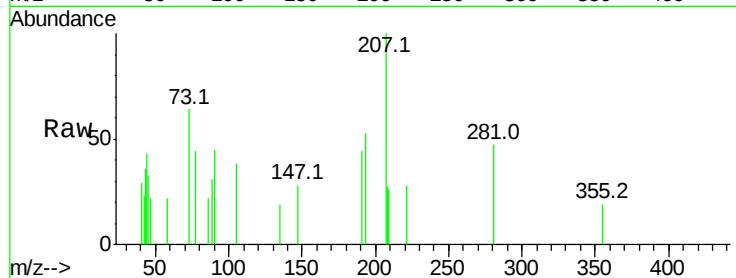
Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	734
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#



#23

Nitrobenzene-d5

Concen: 99.55 ng

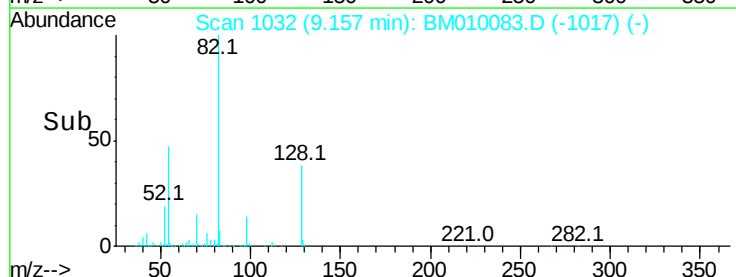
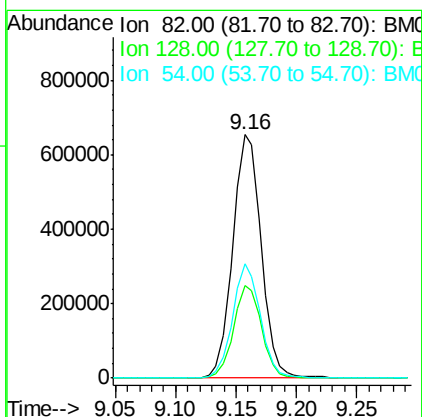
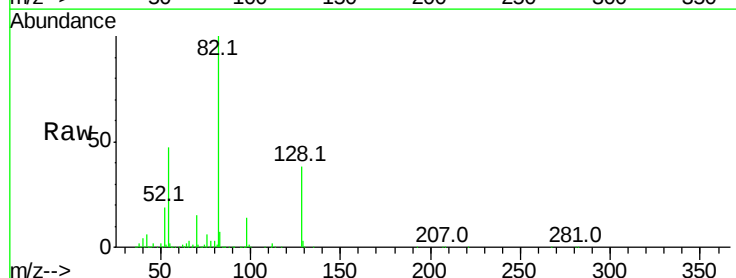
RT: 9.16 min Scan# 1032

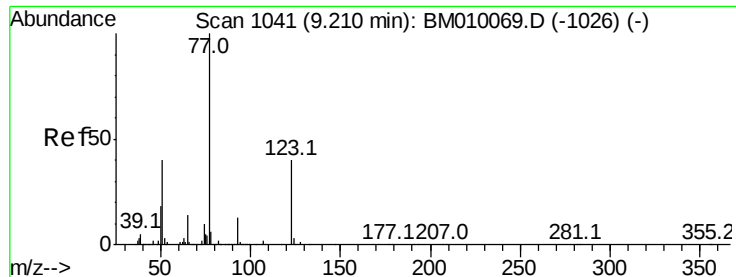
Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:	82	Resp:	1078114
Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.8	49.2
54	46.9	40.6	60.8

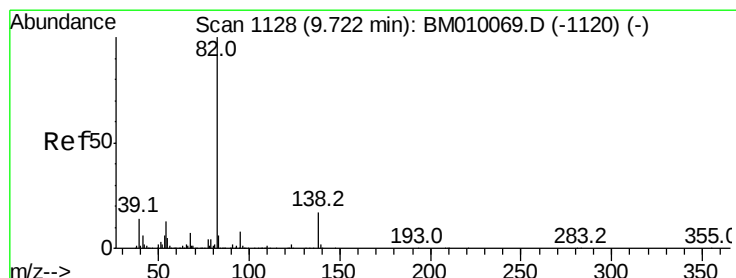
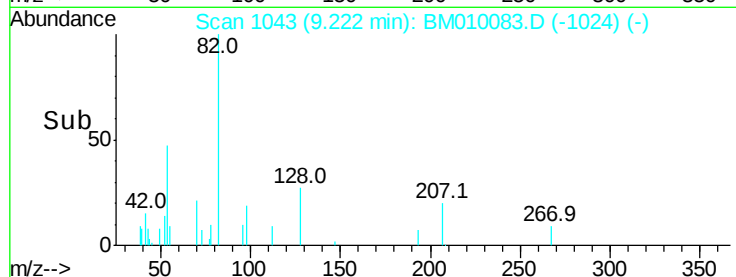
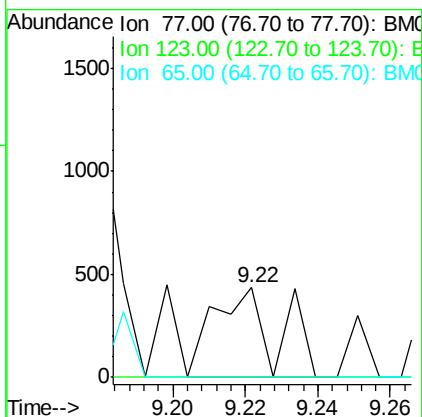
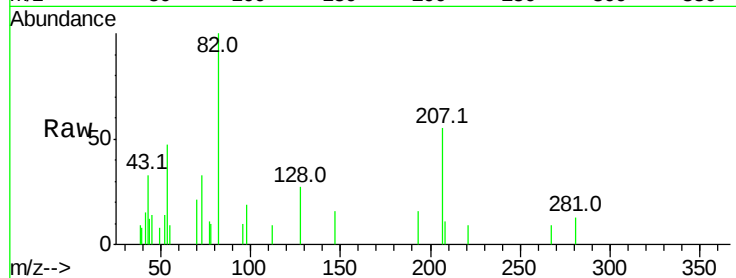




#24
 Nitrobenzene
 Concen: 0.05 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

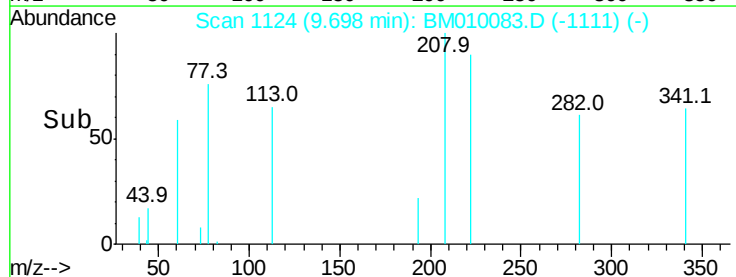
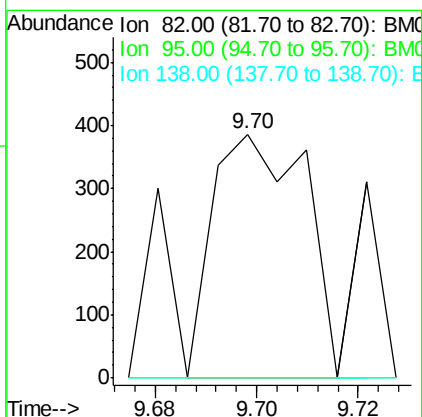
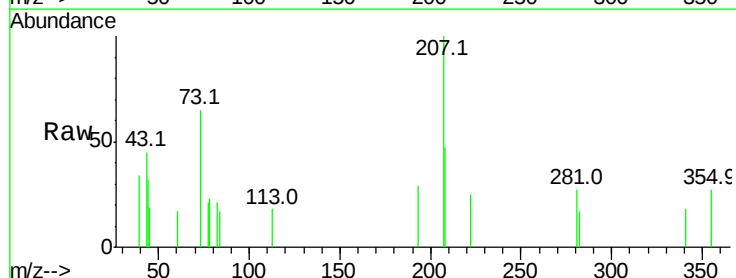
Instrument :
 BNA_M
 ClientSampleID :

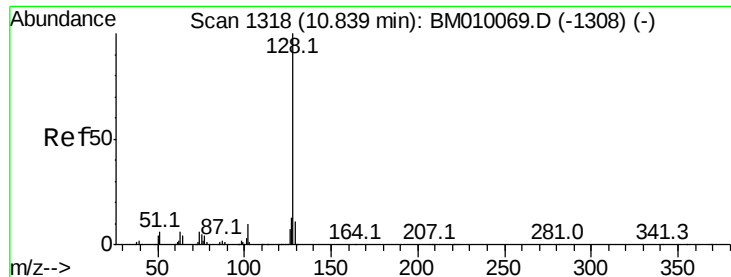
Tot Ion: 77 Resp: 535
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 10.9 16.3#



#25
 Isophorone
 Concen: 0.03 ng
 RT: 9.70 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Tgt Ion: 82 Resp: 492
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 16.3 24.5#

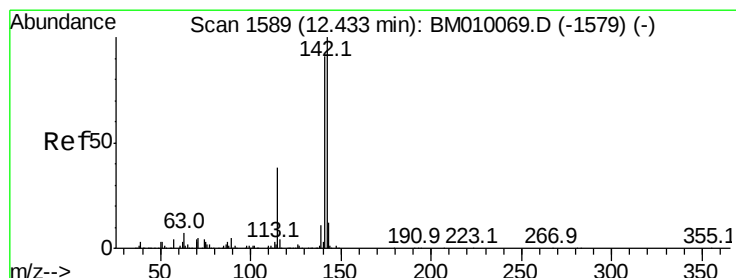
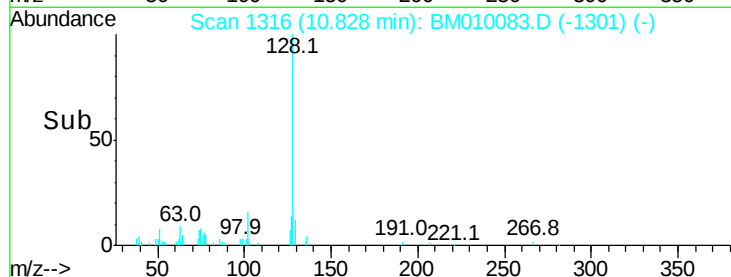
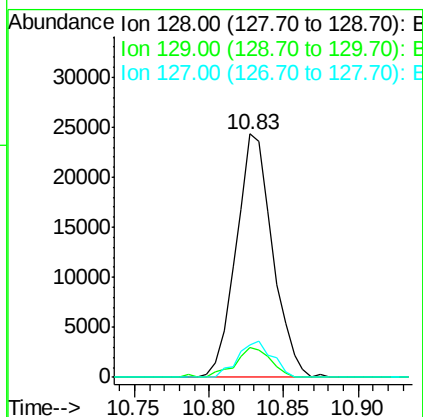
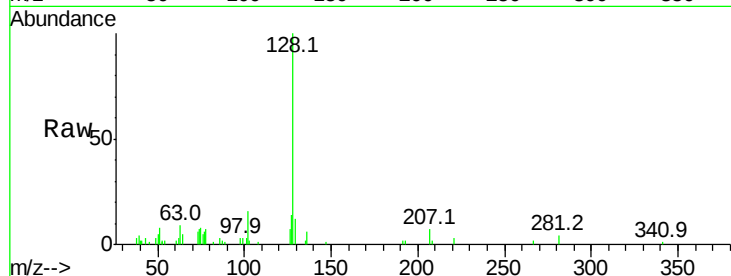




#31
Naphthalene
Concen: 1.32 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

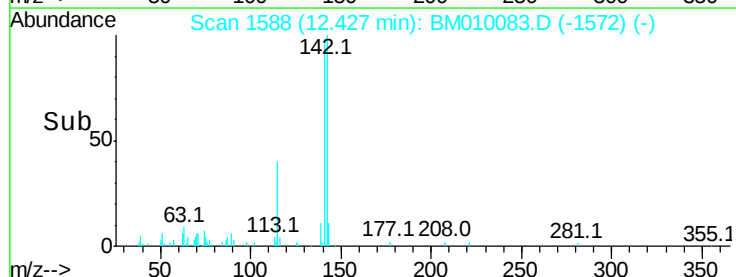
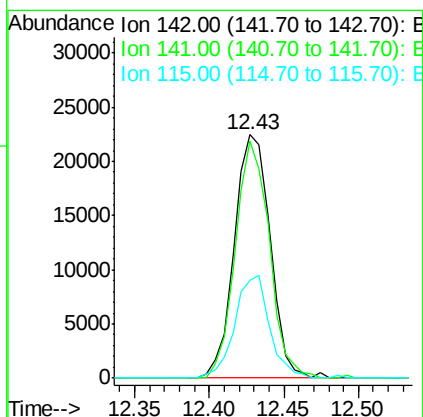
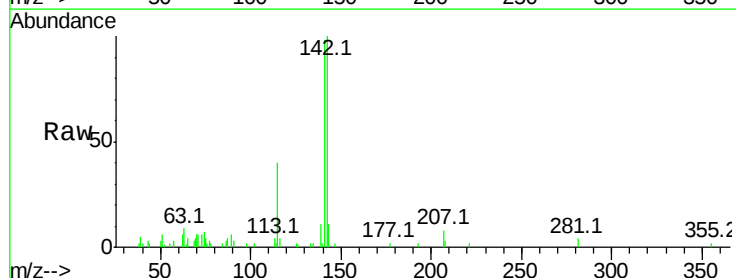
Instrument :
BNA_M
ClientSampleId :

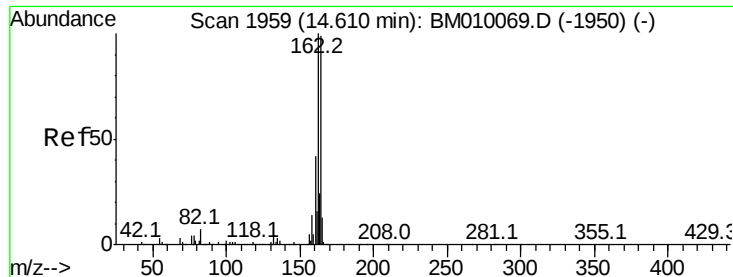
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.5	10.4	15.6



#37
2-Methylnaphthalene
Concen: 1.67 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.6	71.9	107.9
115	40.0	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: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

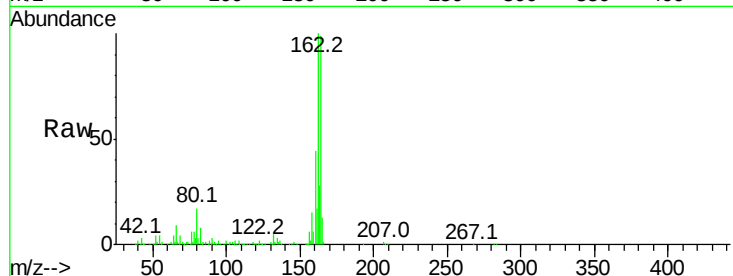
Tot Ion:164 Resp: 354298

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

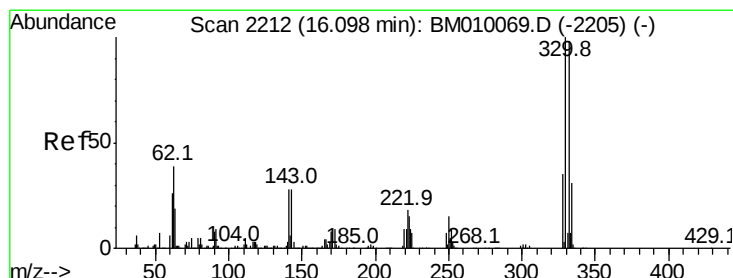
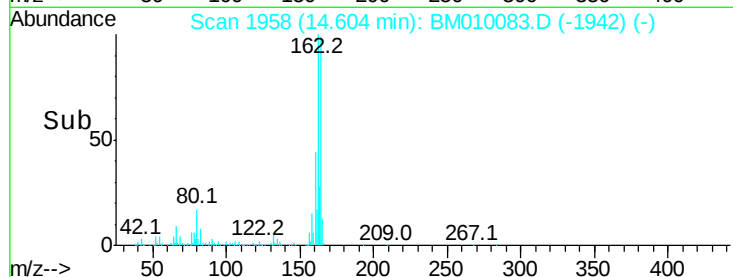
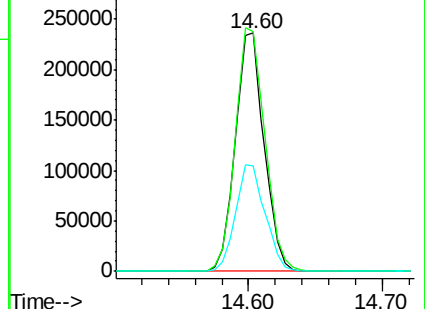
160 44.4 35.8 53.6



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: 150.36 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

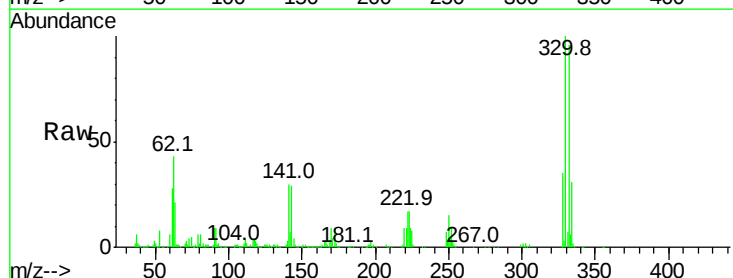
Tgt Ion:330 Resp: 809072

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

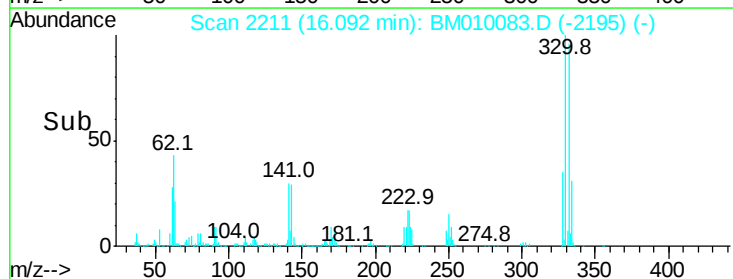
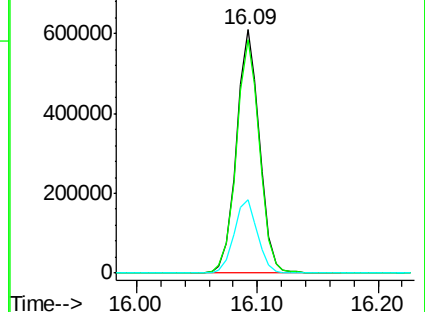
141 30.7 0.0 0.0#

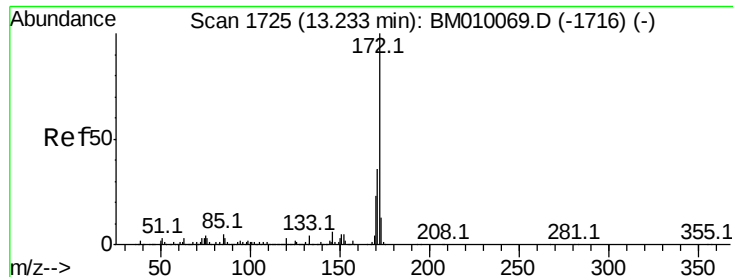


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

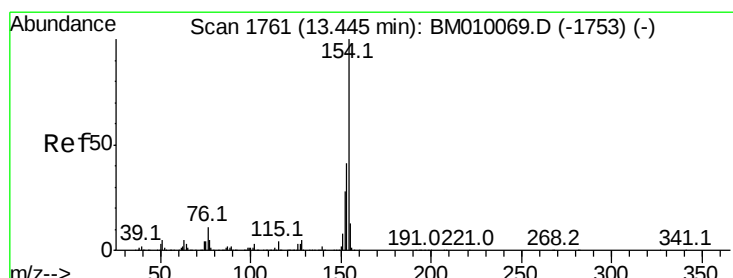
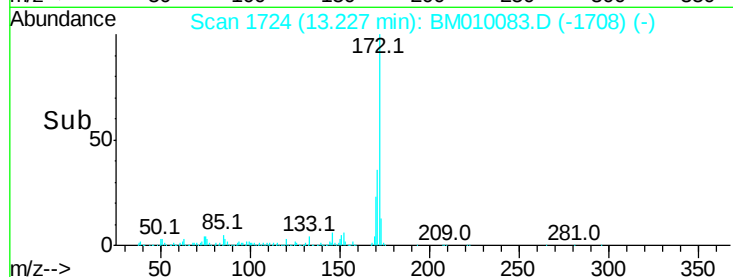
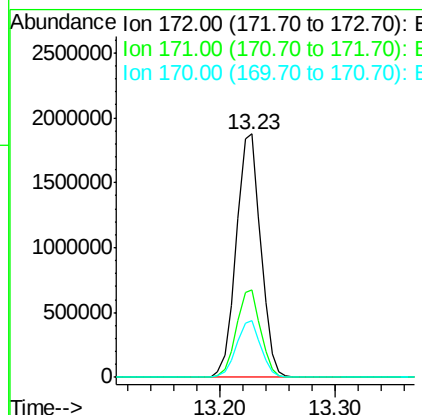
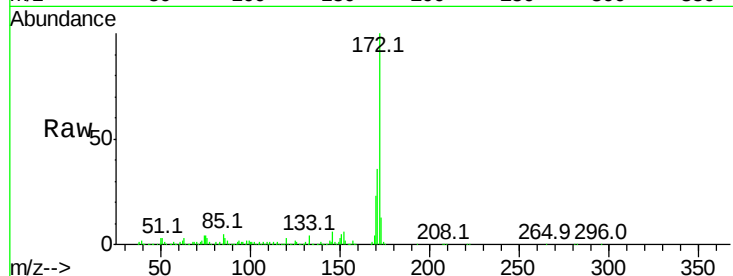




#44
2-Fluorobiphenyl
Concen: 99.66 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

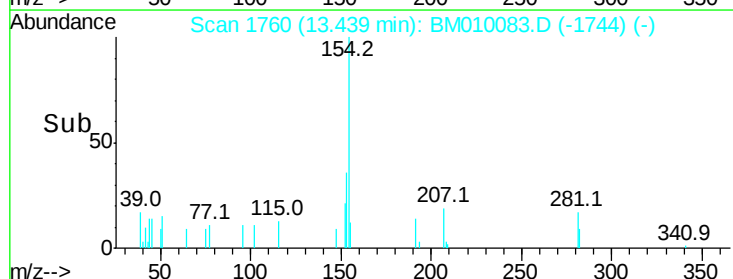
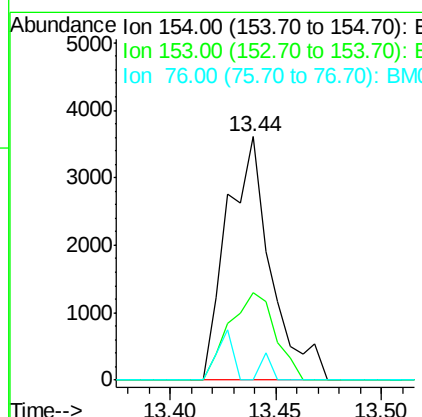
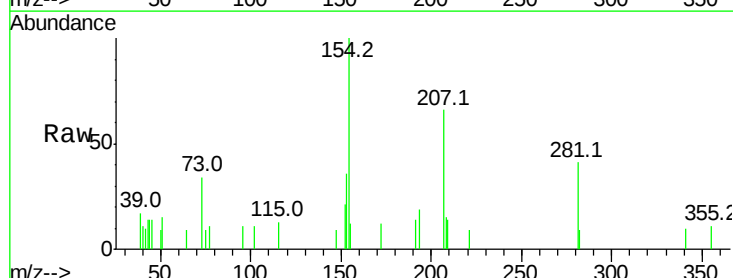
Instrument :
BNA_M
ClientSampled :

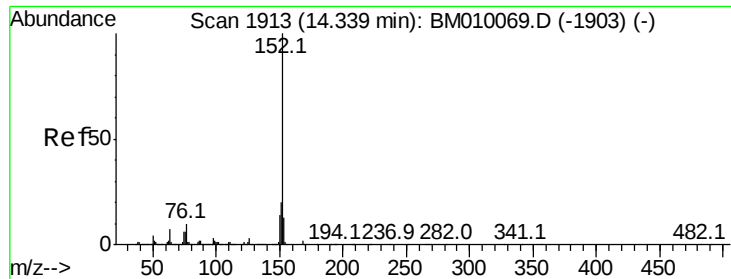
Tot Ion:172 Resp: 2746739
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.4 18.8 28.2



#45
1,1'-Biphenyl
Concen: 0.18 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion:154 Resp: 5180
Ion Ratio Lower Upper
154 100
153 35.9 20.7 60.7
76 0.0 0.0 30.9





#48

Acenaphthylene

Concen: 0.03 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

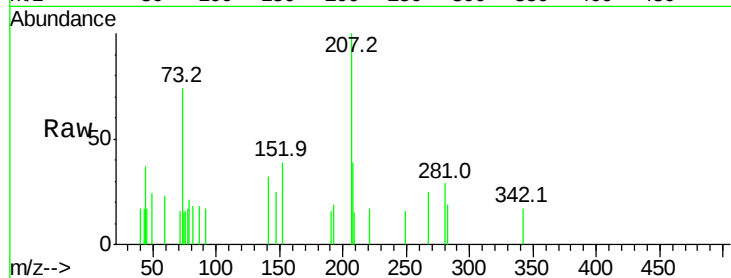
Tot Ion:152 Resp: 1037

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

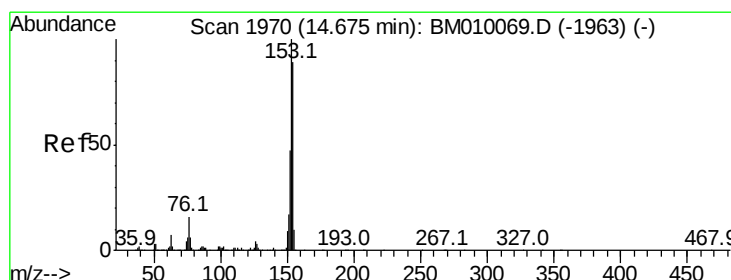
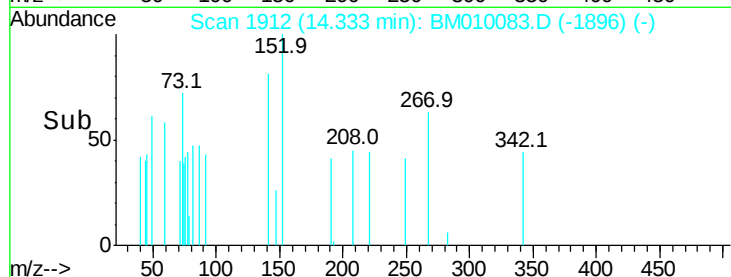
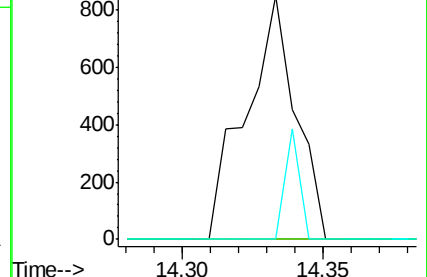
153 0.0 10.6 16.0#



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: 0.18 ng

RT: 14.66 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

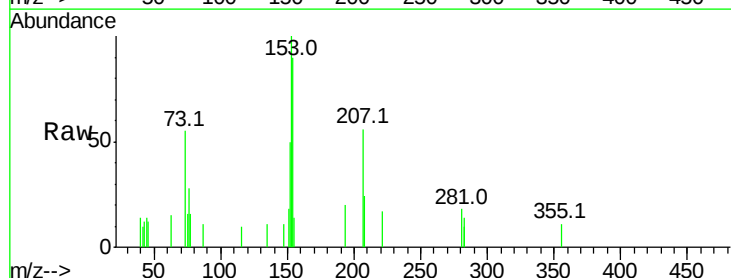
Tgt Ion:154 Resp: 3964

Ion Ratio Lower Upper

154 100

153 111.6 90.0 135.0

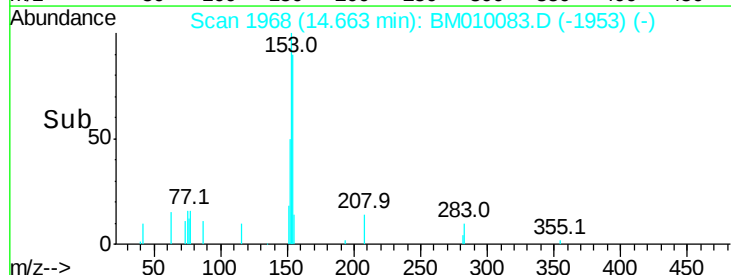
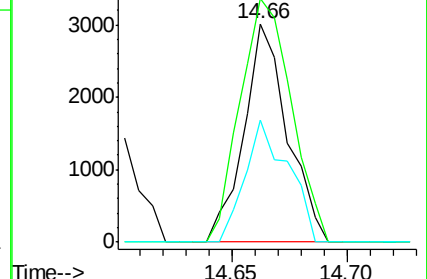
152 56.0 42.6 63.8

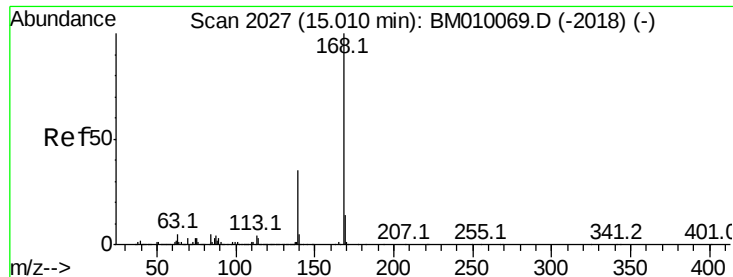


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.09 ng

RT: 15.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampled :

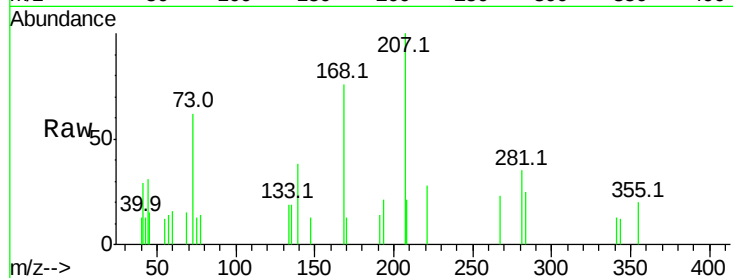
Tot Ion:168 Resp: 2909

Ion Ratio Lower Upper

168 100

139 50.4 27.3 40.9#

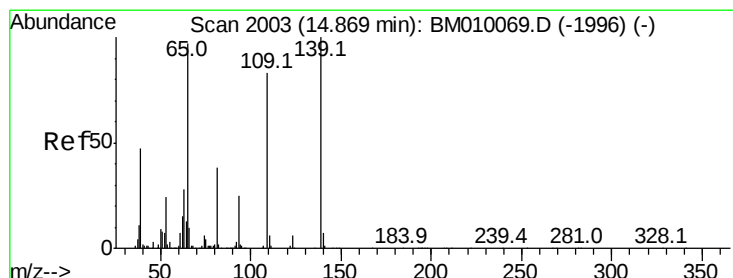
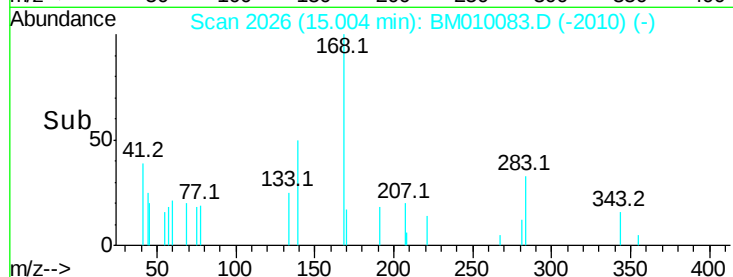
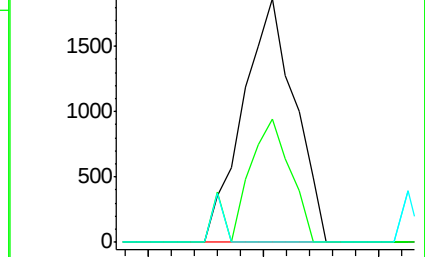
169 0.0 10.6 16.0#



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: 0.28 ng

RT: 15.00 min Scan# 2026

Delta R.T. 0.14 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

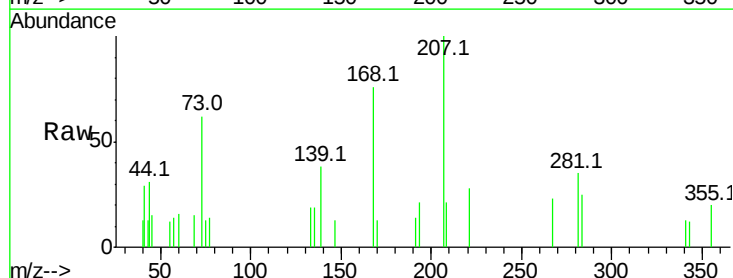
Tgt Ion:139 Resp: 1269

Ion Ratio Lower Upper

139 100

109 0.0 37.7 77.7#

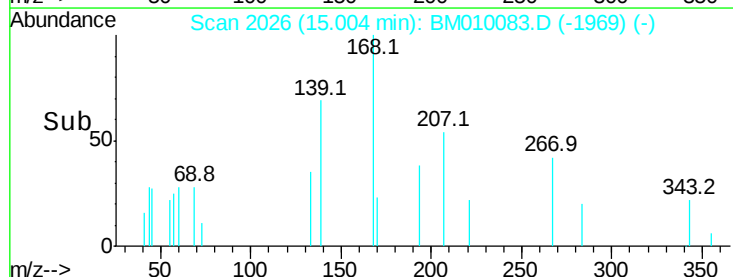
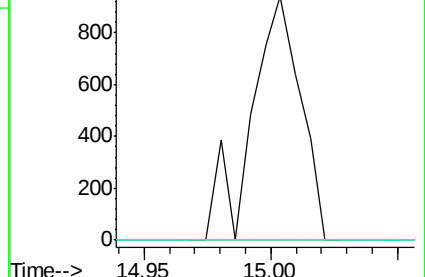
65 0.0 49.9 89.9#

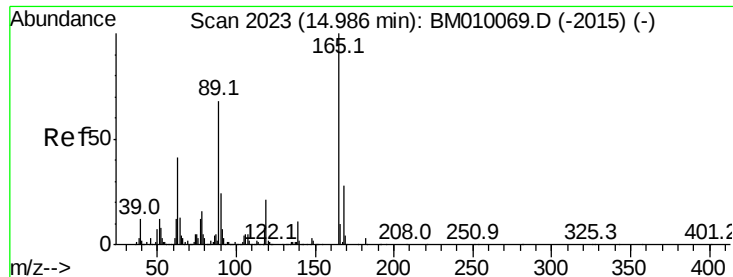


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

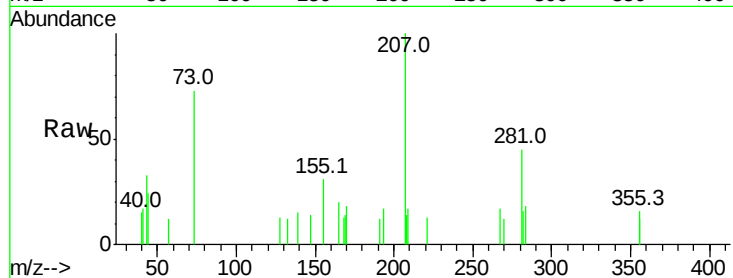




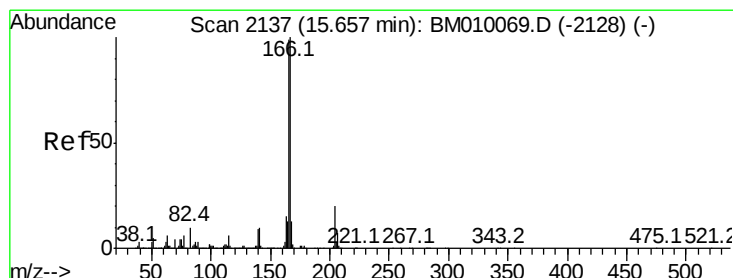
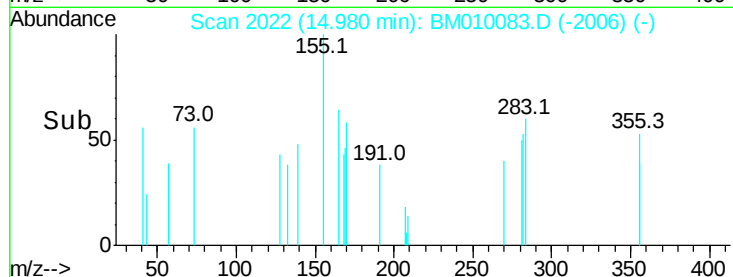
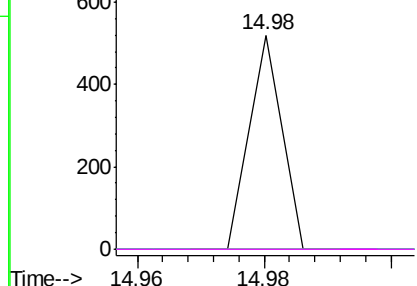
#56
2,4-Dinitrotoluene
Concen: 0.02 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 183
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#

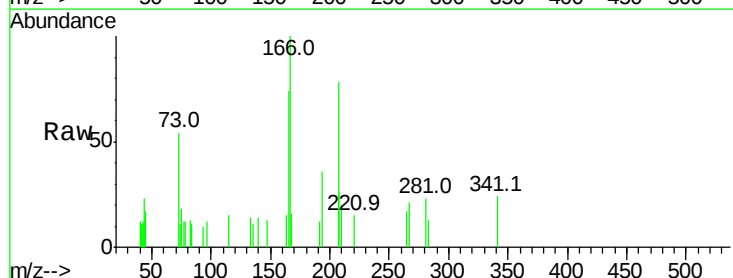


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

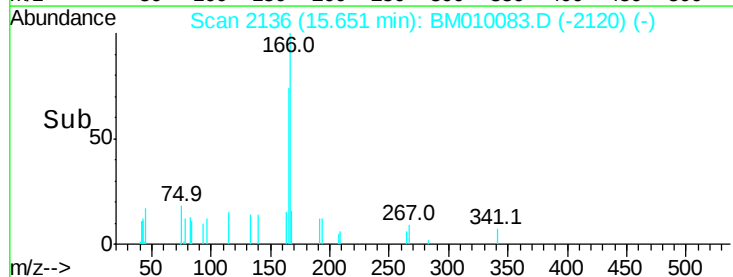
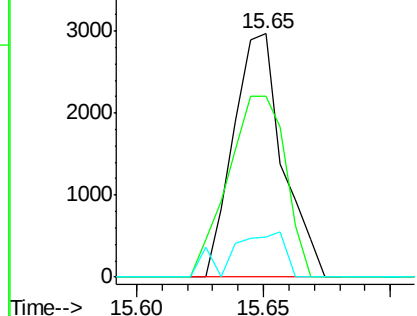


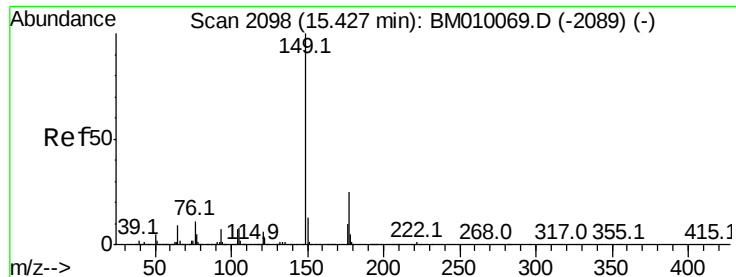
#57
Fluorene
Concen: 0.14 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion:166 Resp: 4017
Ion Ratio Lower Upper
166 100
165 74.4 79.0 118.4#
167 16.5 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

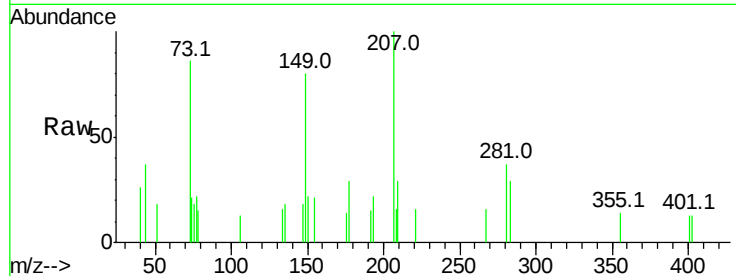




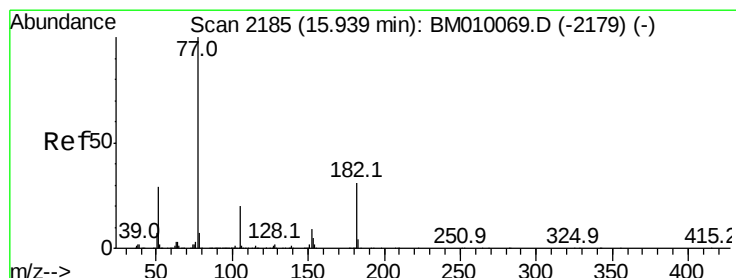
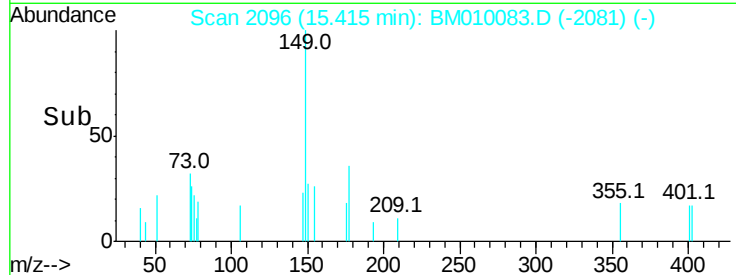
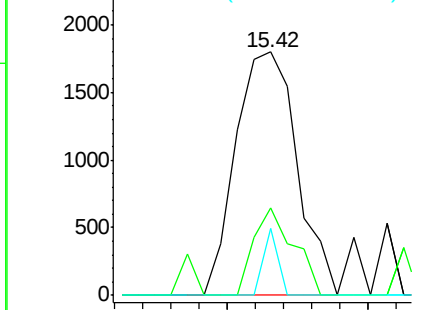
#59
Diethylphthalate
Concen: 0.09 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Instrument :
BNA_M
ClientSampled :

Tot Ion: 149 Resp: 2711
Ion Ratio Lower Upper
149 100
177 35.8 18.3 27.5#
150 27.4 9.8 14.8#

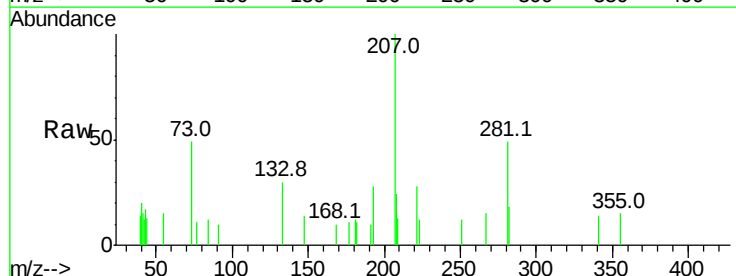


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

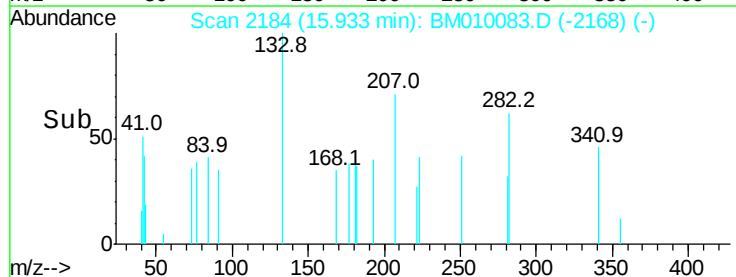
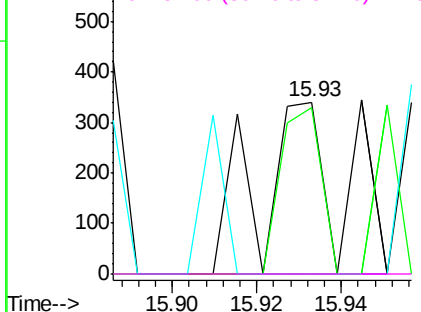


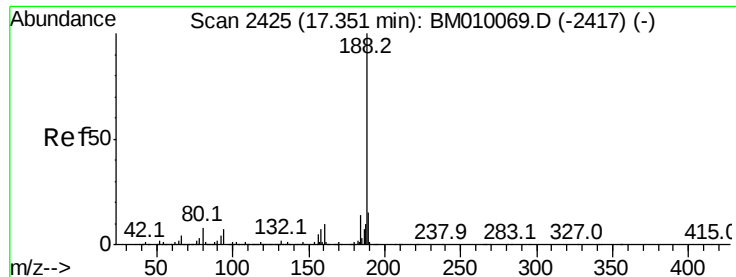
#62
Azobenzene
Concen: 0.02 ng
RT: 15.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion: 77 Resp: 348
Ion Ratio Lower Upper
77 100
182 96.8 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: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

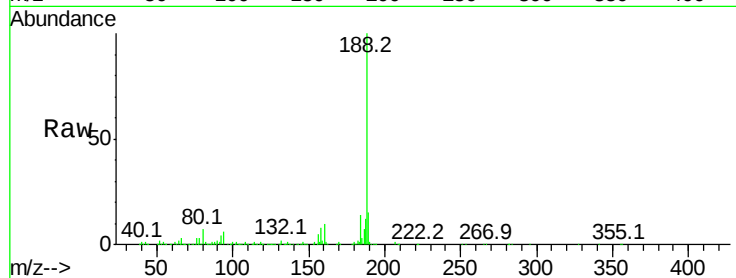
Tot Ion:188 Resp: 883980

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

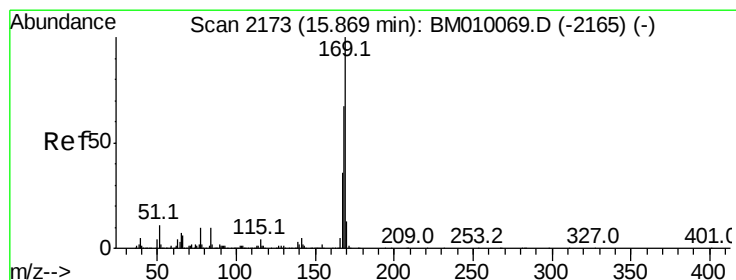
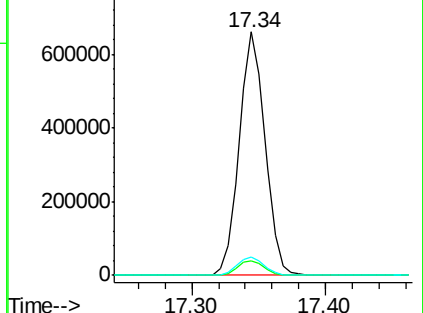
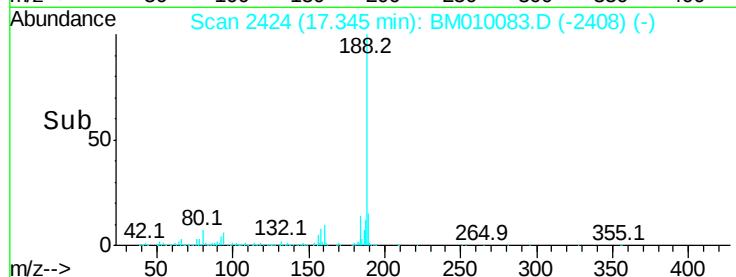
80 7.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM010083.D (-2408) (-)

Ion 80.00 (79.70 to 80.70): BM010083.D (-2408) (-)



#65

n-Nitrosodiphenylamine

Concen: 0.04 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

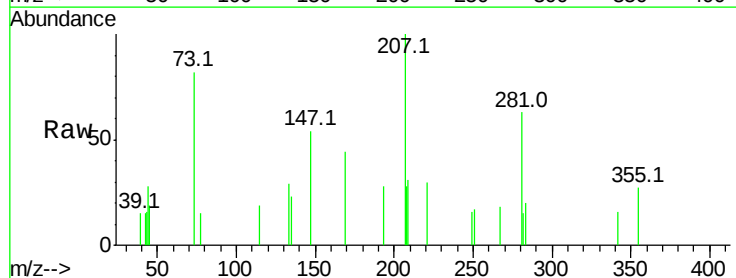
Tgt Ion:169 Resp: 1092

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

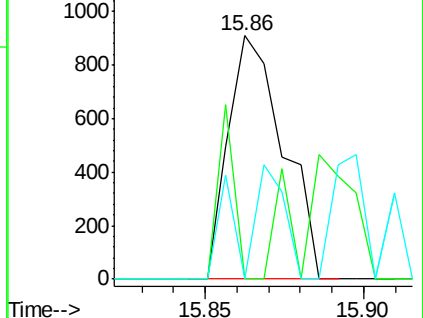
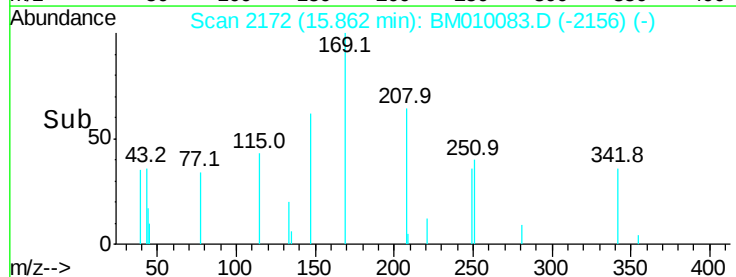
167 0.0 28.9 43.3#

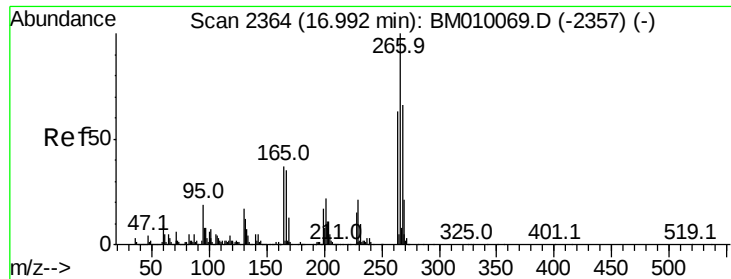


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

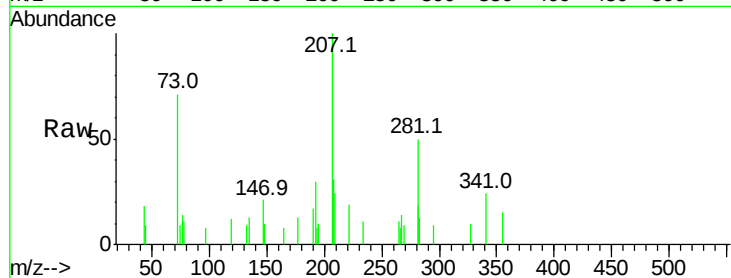




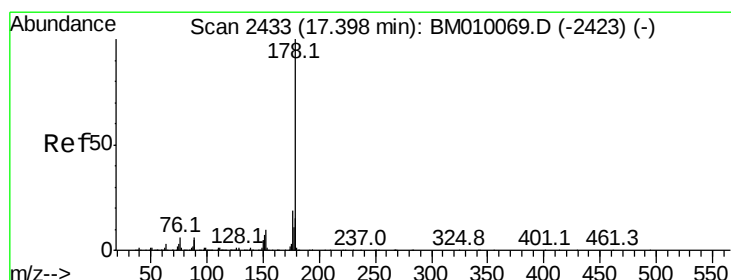
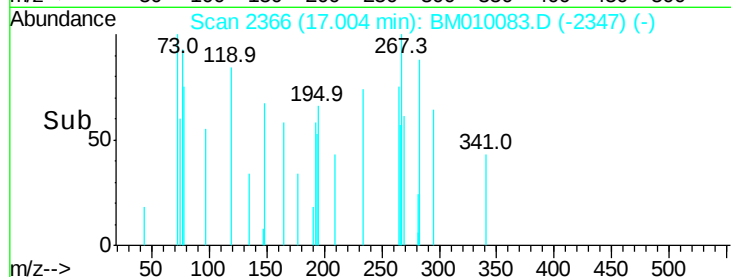
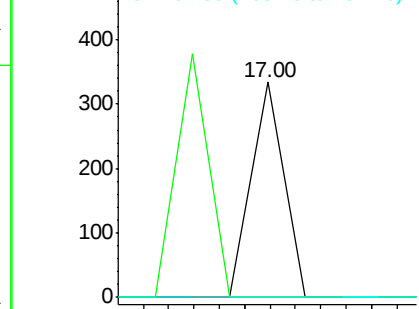
#69
 Pentachlorophenol
 Concen: 0.02 ng
 RT: 17.00 min Scan# 2366
 Delta R.T. 0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 118
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 0.0 49.0 73.4#

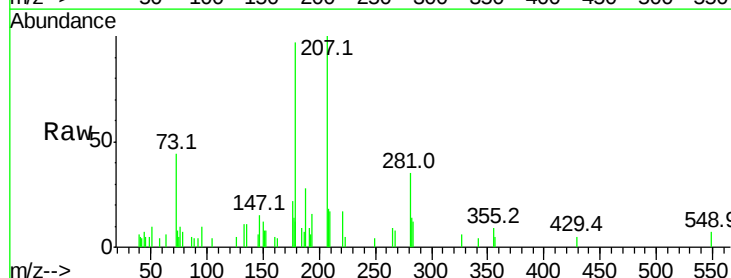


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

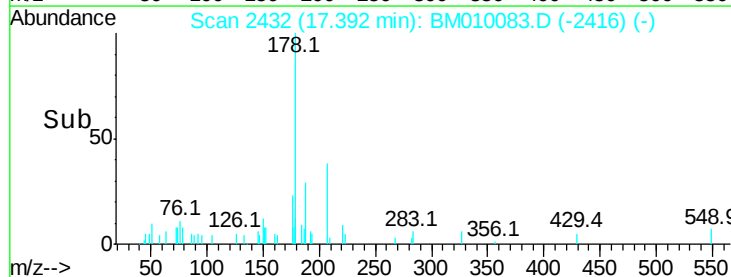
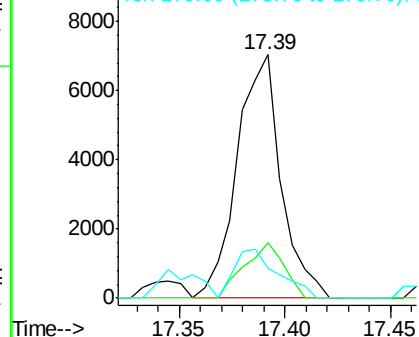


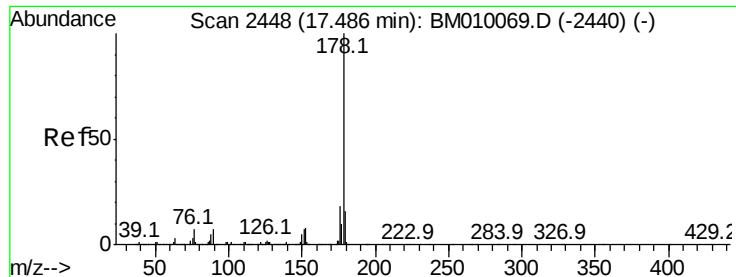
#70
 Phenanthrene
 Concen: 0.20 ng
 RT: 17.39 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Tgt Ion:178 Resp: 10133
 Ion Ratio Lower Upper
 178 100
 176 22.9 15.2 22.8#
 179 12.1 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: 0.04 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

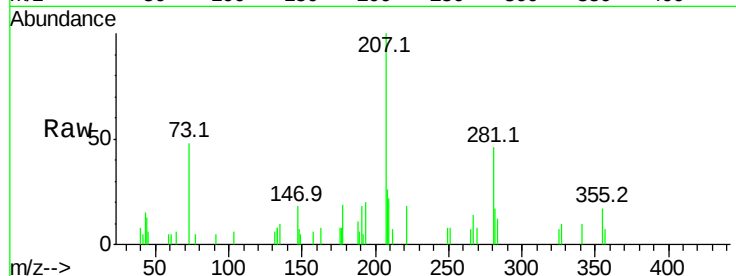
Tot Ion:178 Resp: 1732

Ion Ratio Lower Upper

178 100

176 44.4 14.6 22.0#

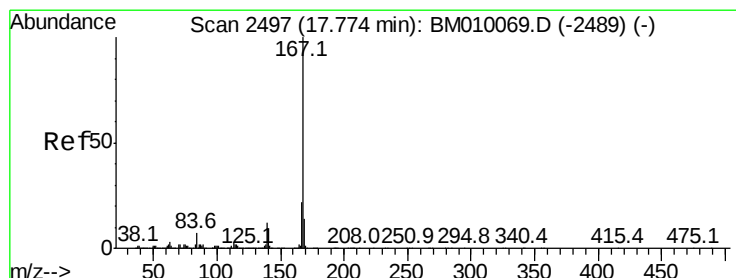
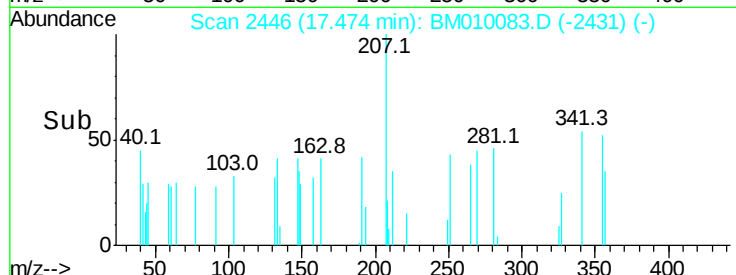
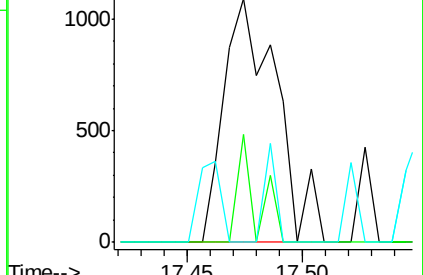
179 0.0 12.6 19.0#



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



#72

Carbazole

Concen: 0.15 ng

RT: 17.77 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

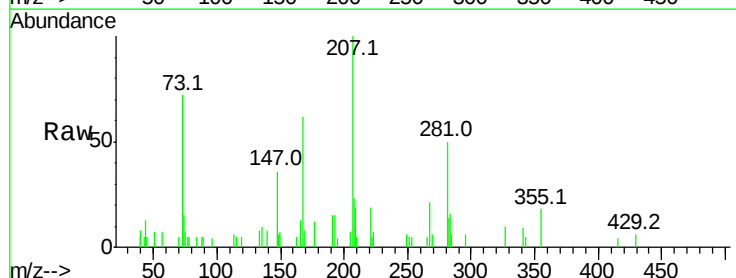
Tgt Ion:167 Resp: 6554

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

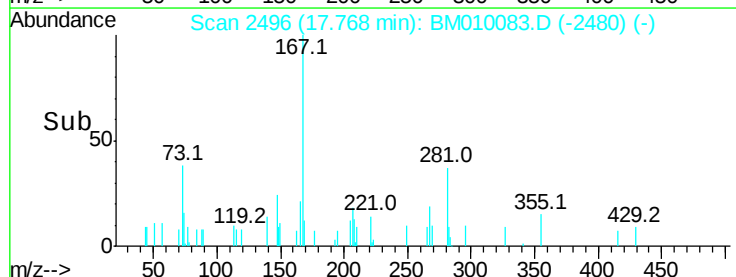
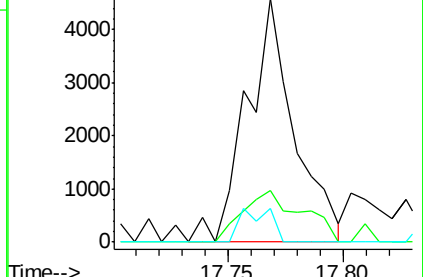
139 13.7 10.8 16.2

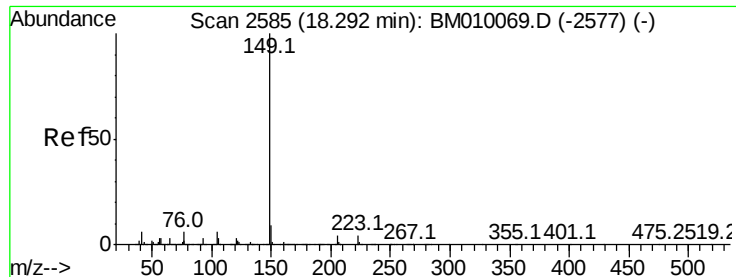


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 18.29 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BM010083.D

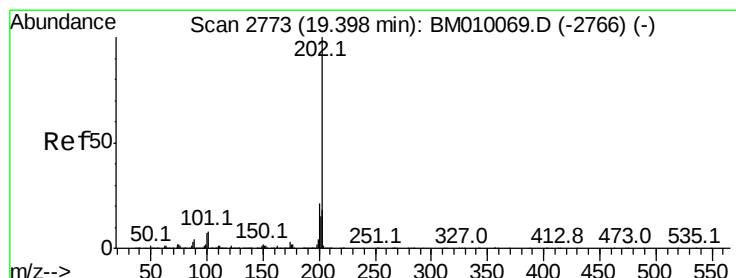
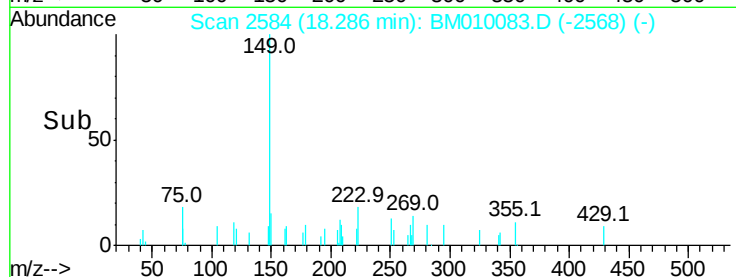
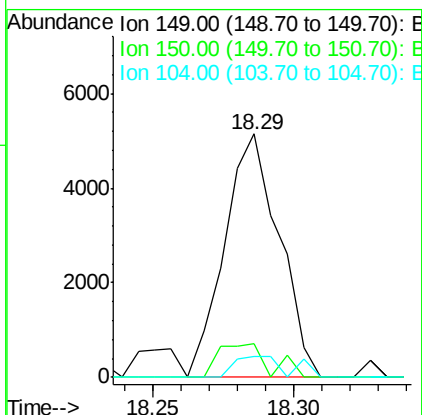
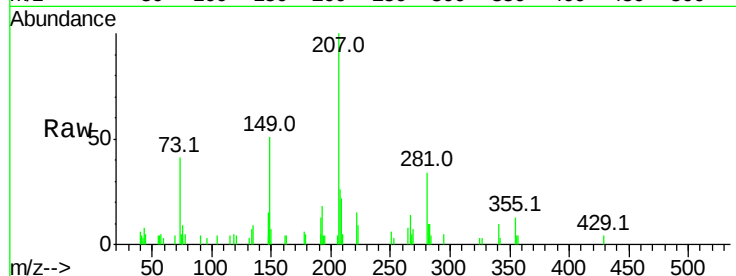
Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149	Resp:	6902
Ion Ratio	Lower	Upper
149	100	
150	14.1	7.5 11.3#
104	8.5	3.7 5.5#



#74

Fluoranthene

Concen: 0.03 ng

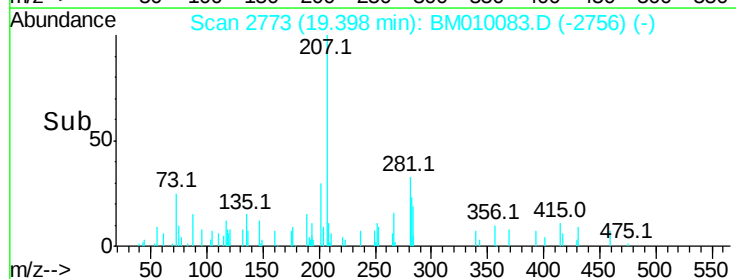
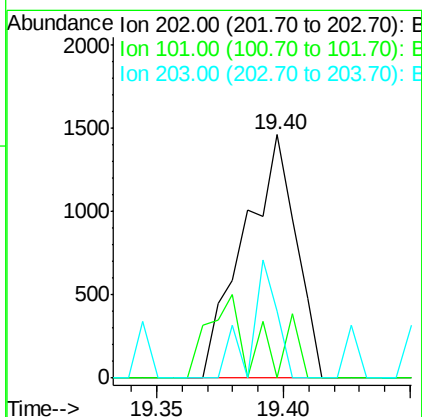
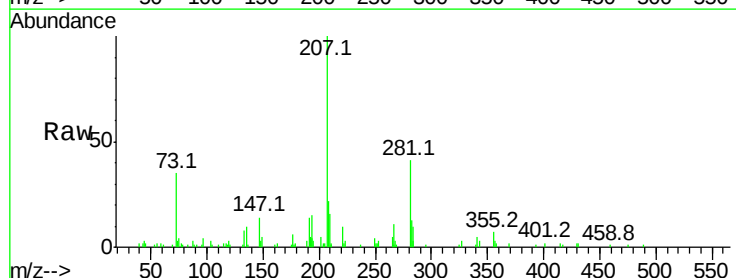
RT: 19.40 min Scan# 2773

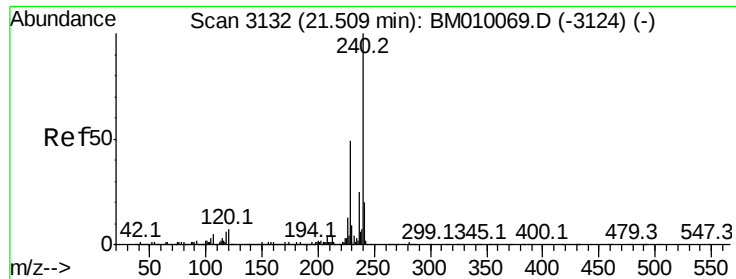
Delta R.T. -0.00 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:202	Resp:	2086
Ion Ratio	Lower	Upper
202	100	
101	0.0	0.0 28.7
203	27.7	0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

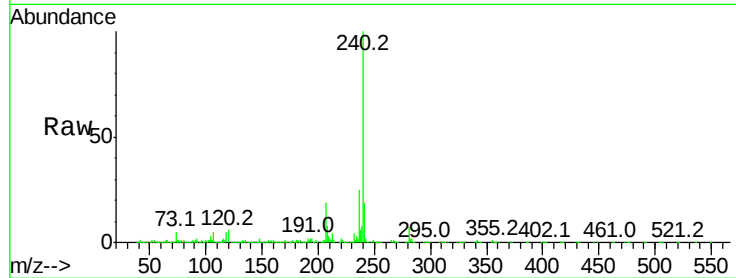
Tot Ion:240 Resp: 1389854

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

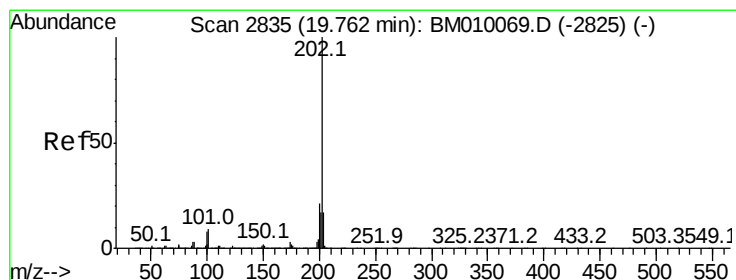
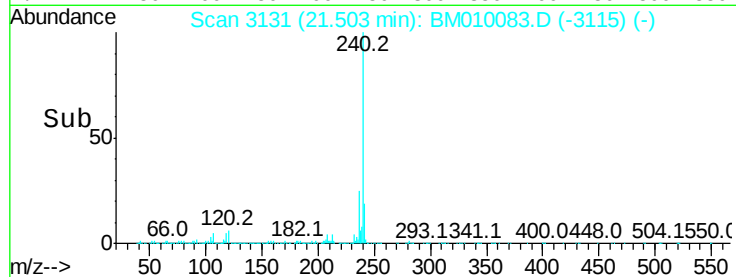
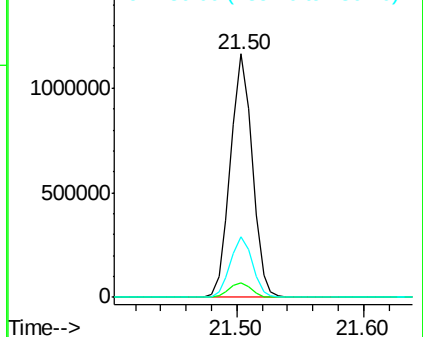
236 24.9 20.0 30.0



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

Pyrene

Concen: 0.02 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

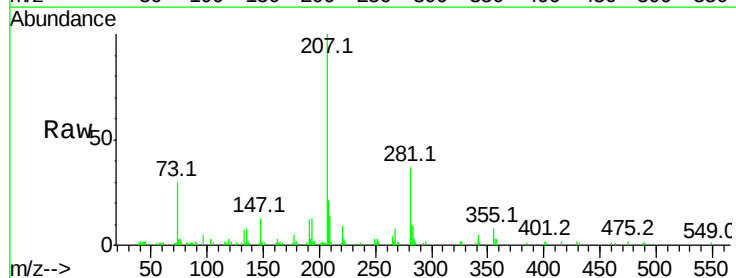
Tgt Ion:202 Resp: 1650

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

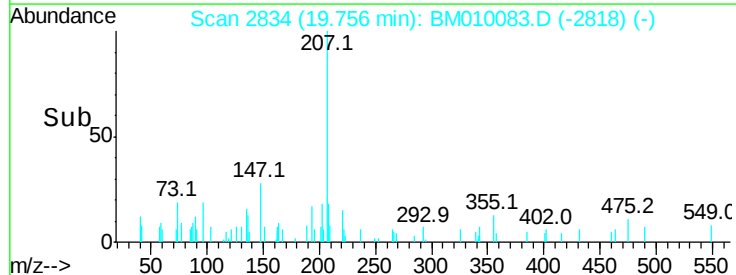
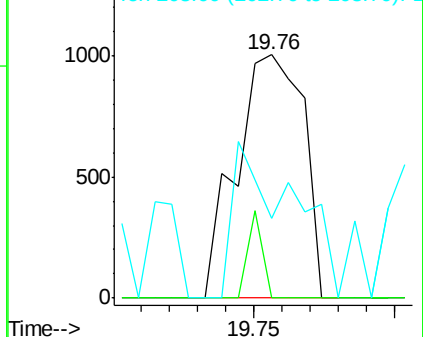
203 32.8 14.1 21.1#

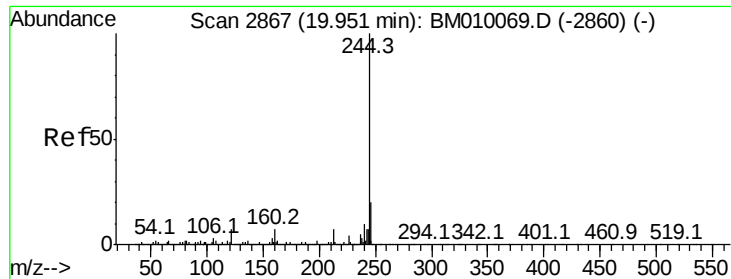


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.85 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampled :

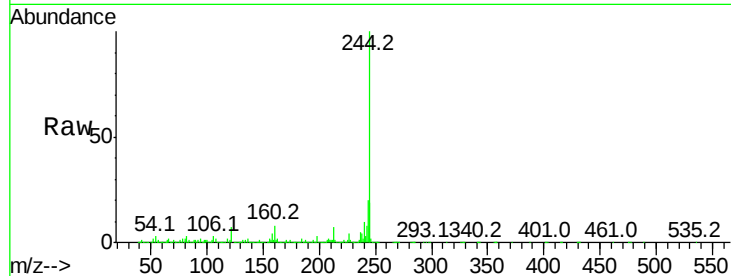
Tot Ion:244 Resp: 5431145

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

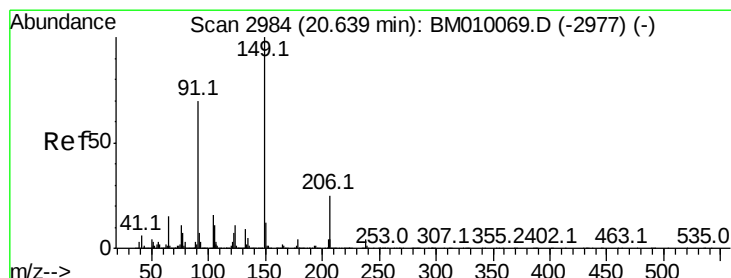
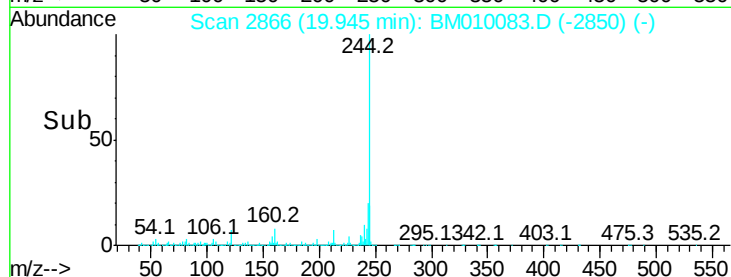
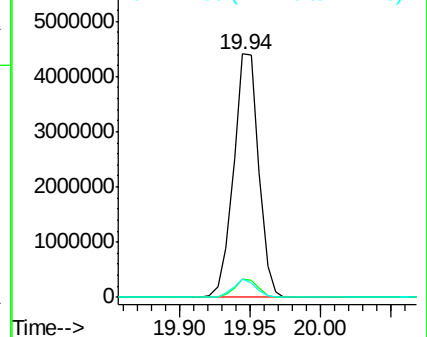
122 7.4 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.05 ng

RT: 20.64 min Scan# 2985

Delta R.T. 0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

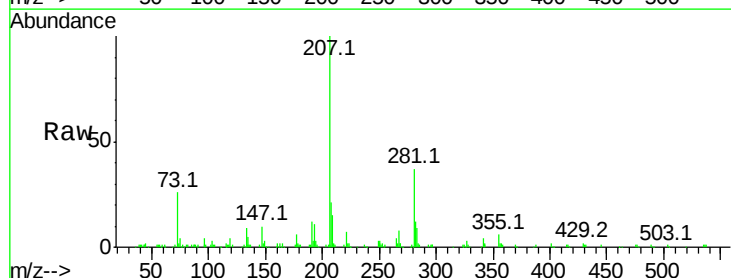
Tgt Ion:149 Resp: 1346

Ion Ratio Lower Upper

149 100

91 24.6 50.1 75.1#

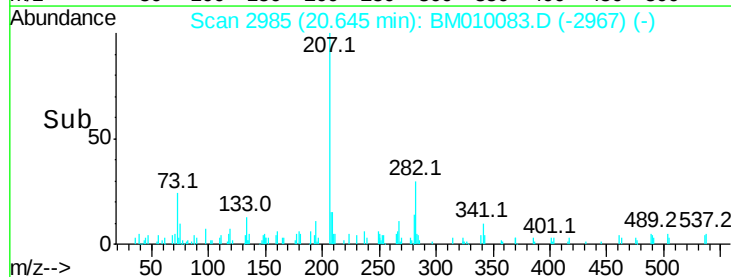
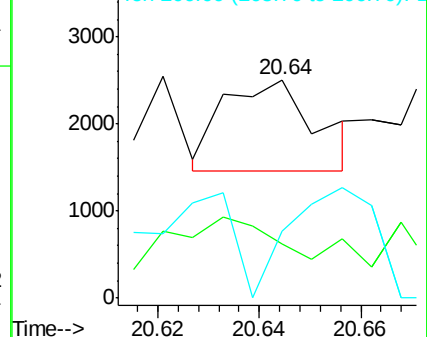
206 30.8 16.2 24.2#

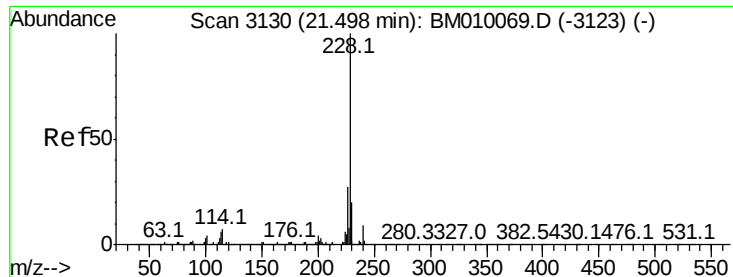


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.50 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

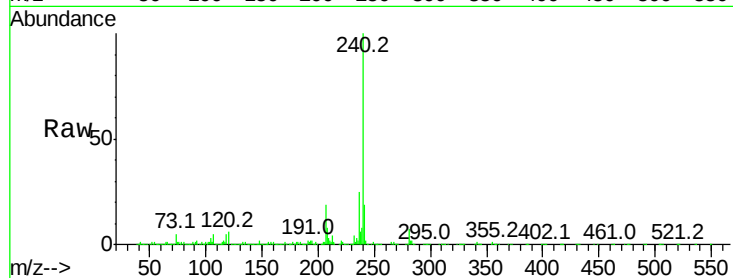
Tot Ion:228 Resp: 4541

Ion Ratio Lower Upper

228 100

226 15.1 21.7 32.5#

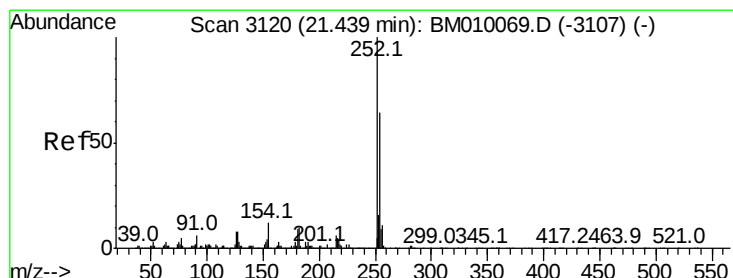
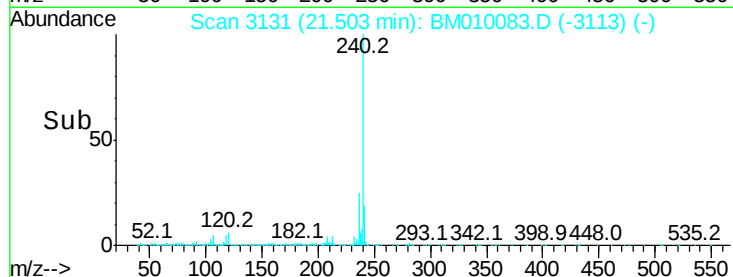
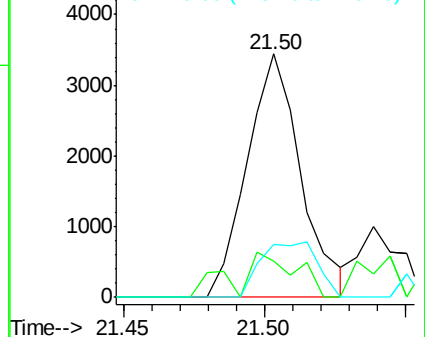
229 21.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.01 ng

RT: 21.43 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

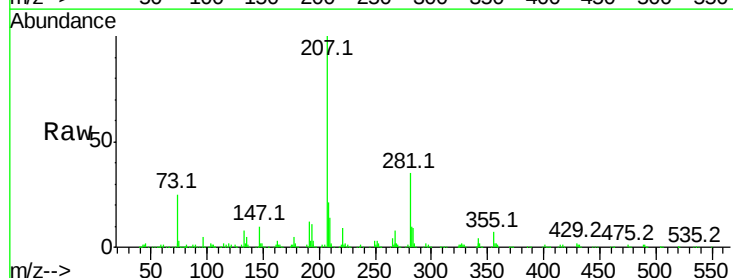
Tgt Ion:252 Resp: 363

Ion Ratio Lower Upper

252 100

254 36.1 51.9 77.9#

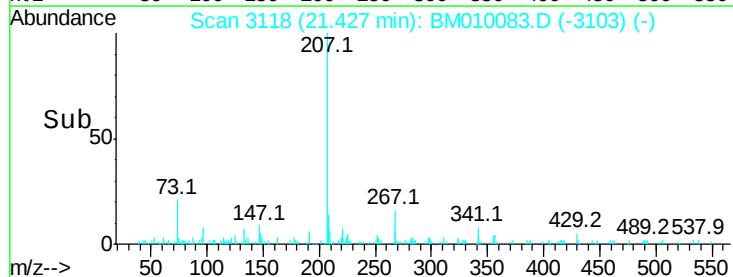
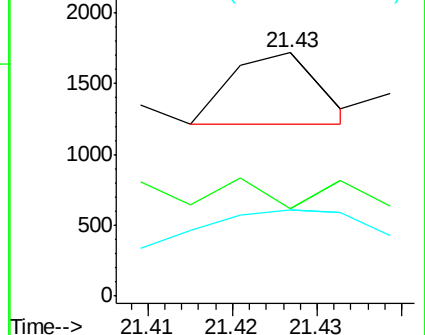
126 35.3 9.8 14.8#

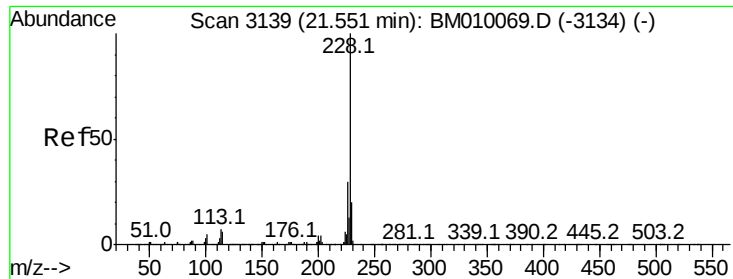


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.01 ng

RT: 21.54 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM010083.D

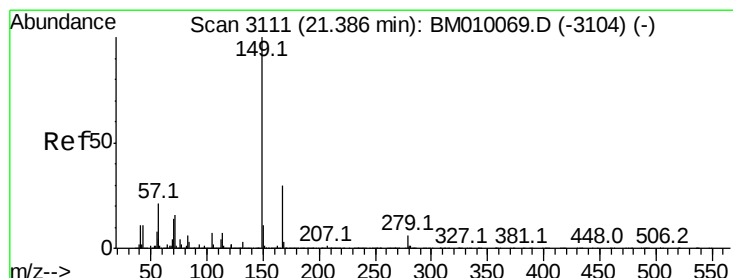
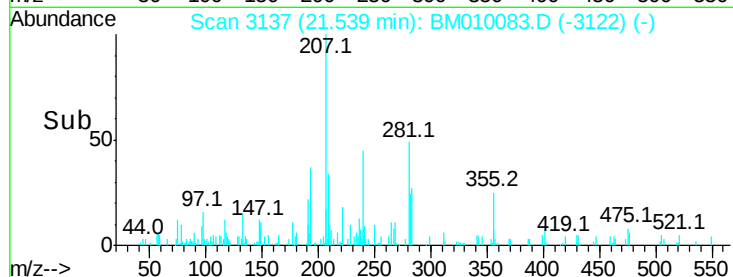
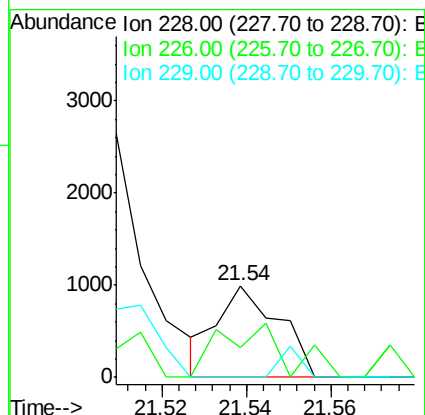
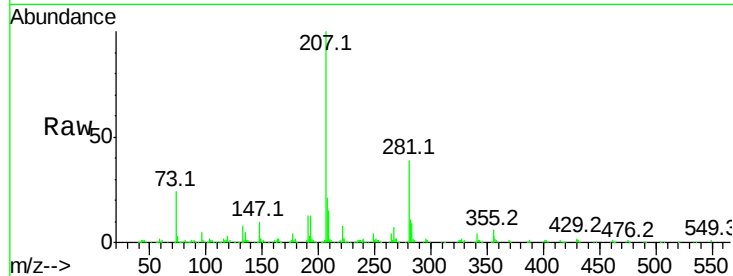
Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	998
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.1	36.1
229	0.0	15.5	23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

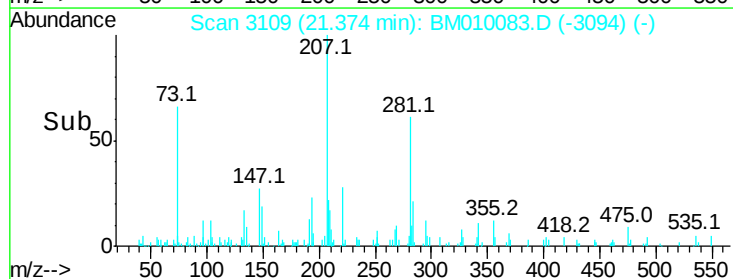
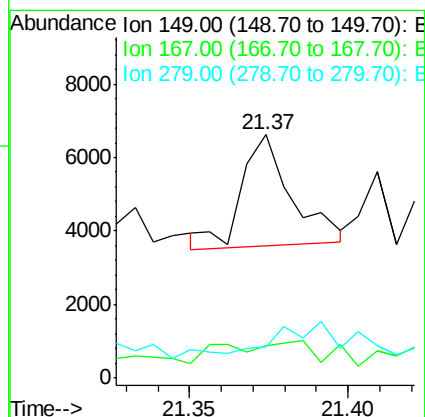
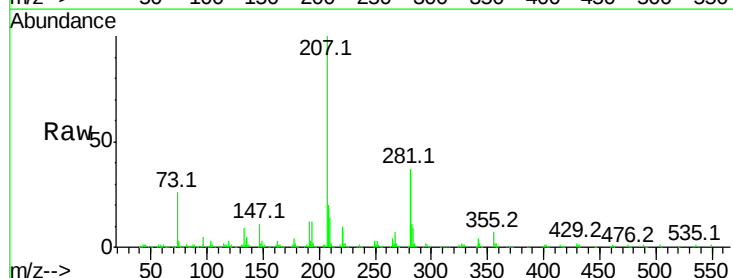
RT: 21.37 min Scan# 3109

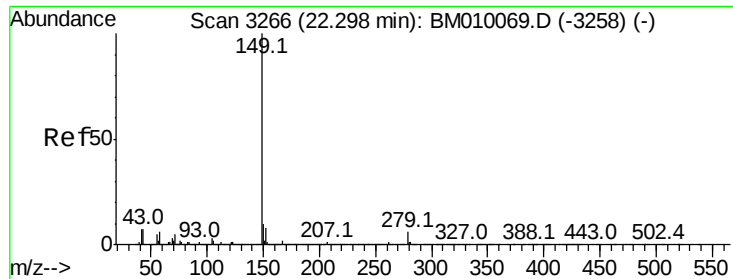
Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:	149	Resp:	3316
Ion	Ratio	Lower	Upper
149	100		
167	13.2	22.4	33.6#
279	12.9	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: BM010083.D

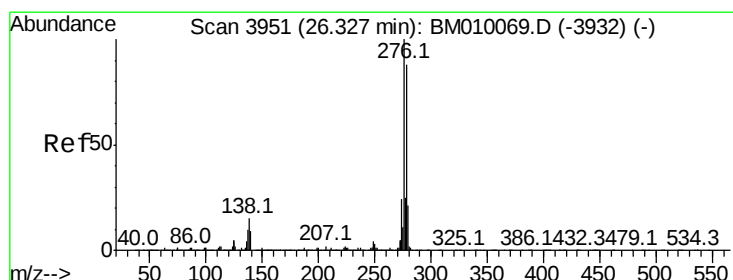
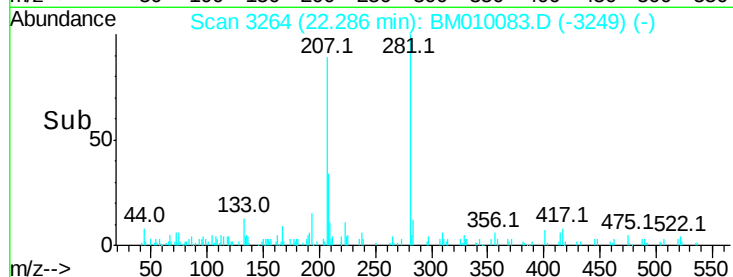
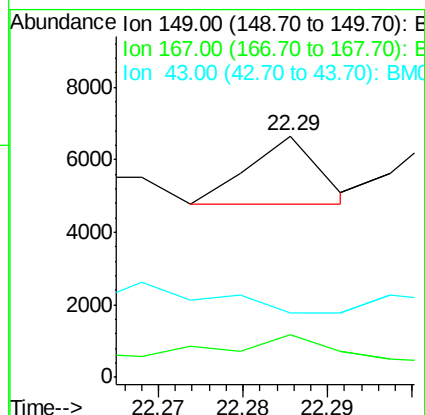
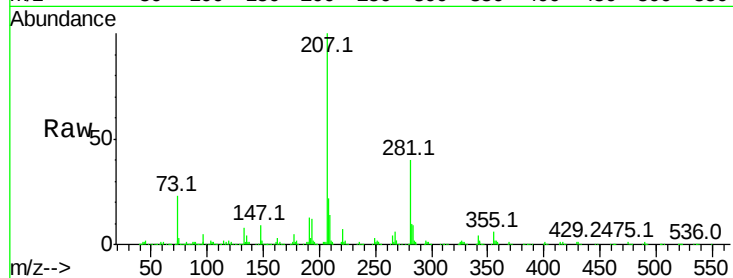
Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149	Resp:	1066
Ion Ratio	Lower	Upper
149	100	
167	63.6	1.2 1.8#
43	0.0	7.3 10.9#



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng

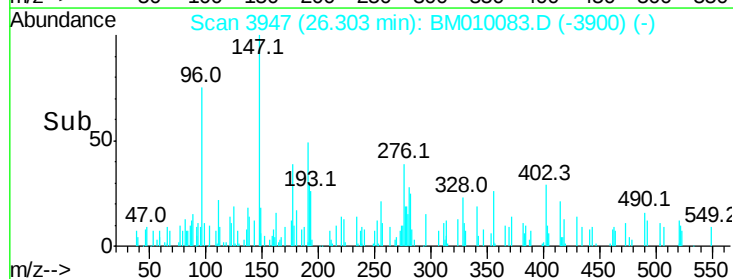
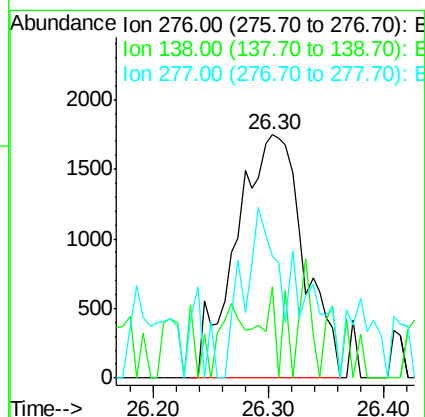
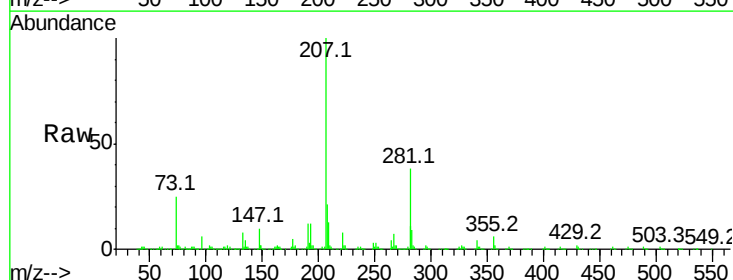
RT: 26.30 min Scan# 3947

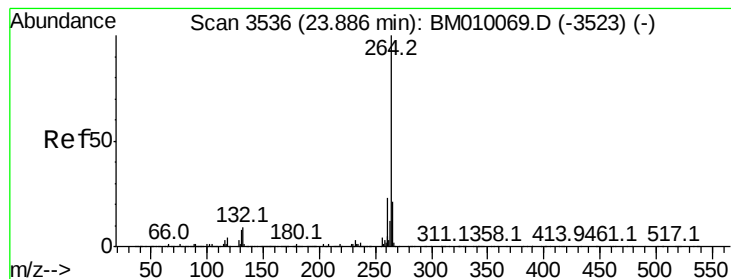
Delta R.T. -0.02 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:276	Resp:	7123
Ion Ratio	Lower	Upper
276	100	
138	6.8	0.0 0.0#
277	34.4	0.0 0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.87 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

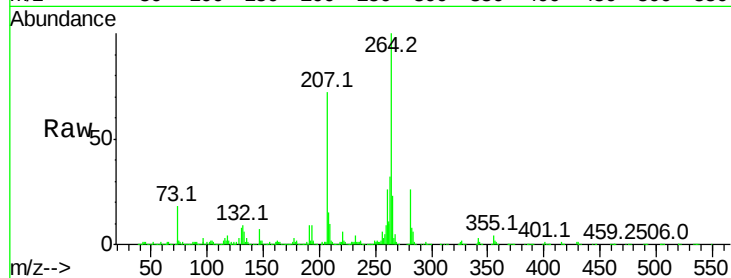
Tot Ion:264 Resp: 987404

Ion Ratio Lower Upper

264 100

260 26.4 18.6 27.8

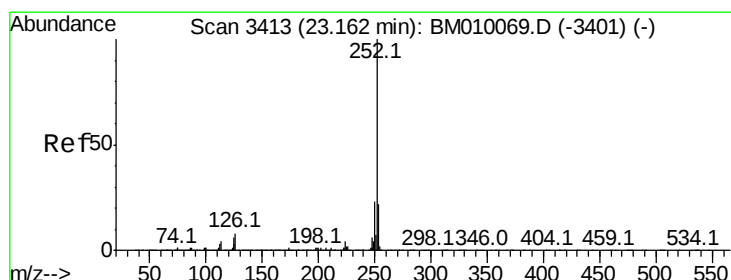
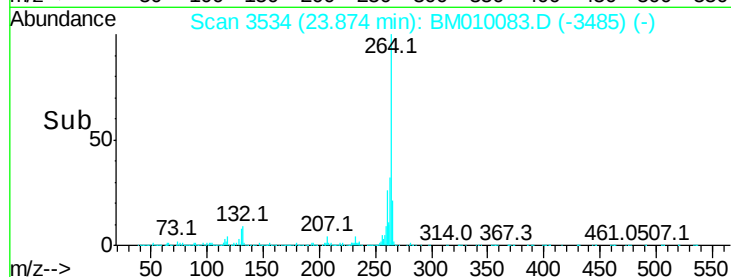
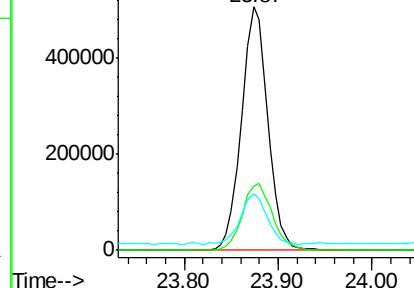
265 23.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 23.17 min Scan# 3414

Delta R.T. 0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

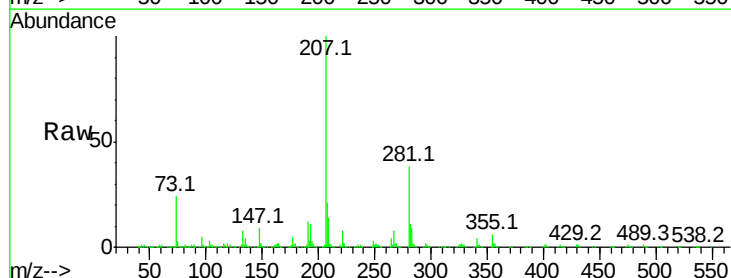
Tgt Ion:252 Resp: 2141

Ion Ratio Lower Upper

252 100

253 128.1 18.0 27.0#

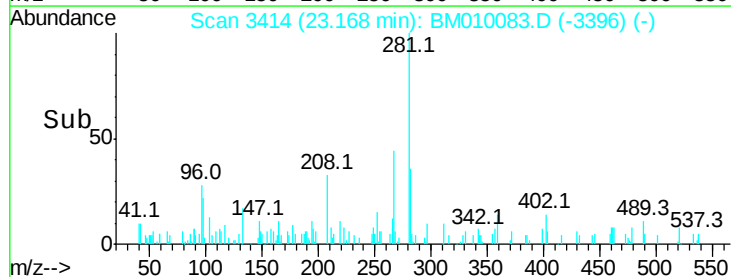
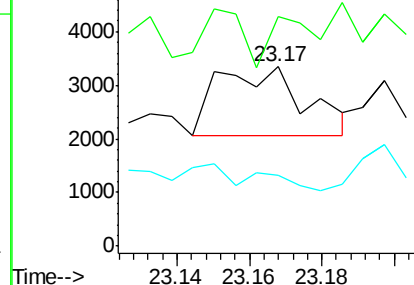
125 39.5 9.9 14.9#

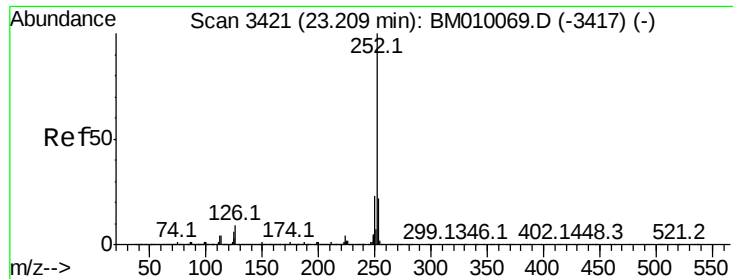


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

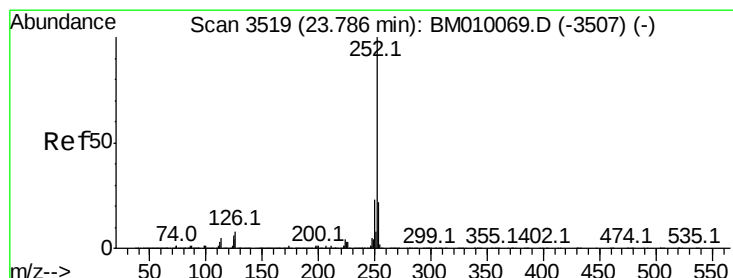
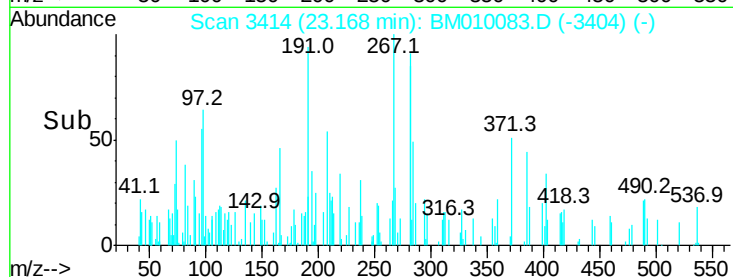
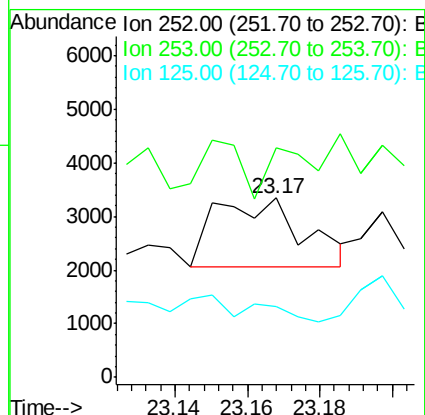
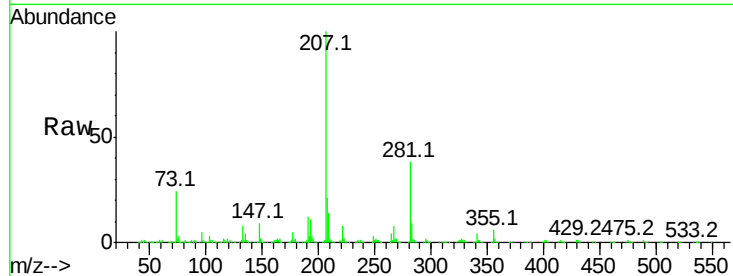




#88
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.17 min Scan# 3414
Delta R.T. -0.04 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

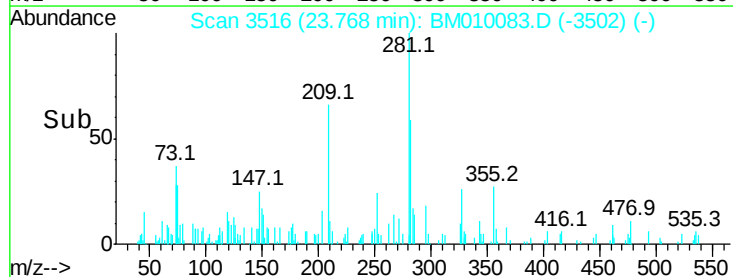
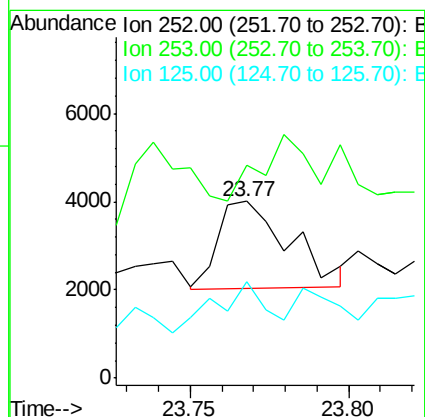
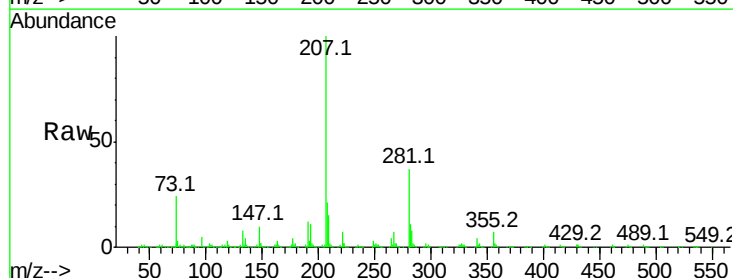
Instrument :
BNA_M
ClientSampled :

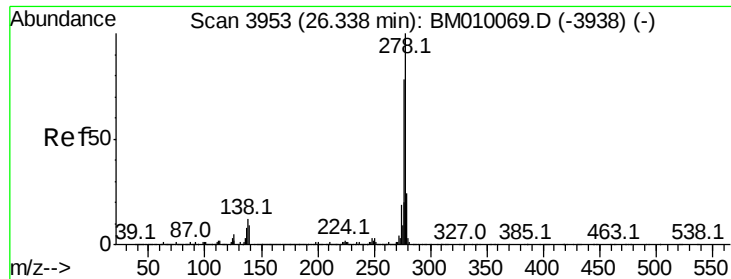
Tot Ion:252 Resp: 2141
Ion Ratio Lower Upper
252 100
253 128.1 17.2 25.8#
125 39.5 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.77 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion:252 Resp: 3061
Ion Ratio Lower Upper
252 100
253 120.3 17.6 26.4#
125 54.8 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.33 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

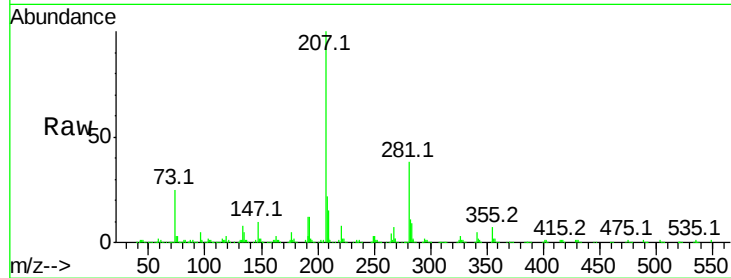
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1492

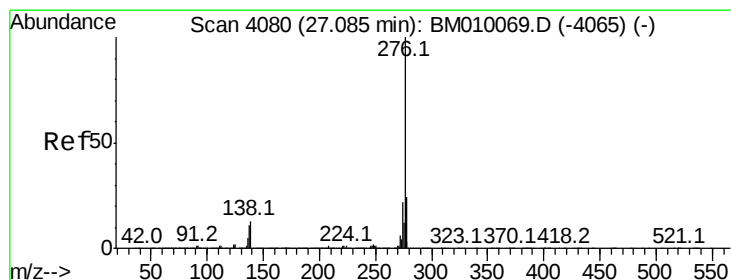
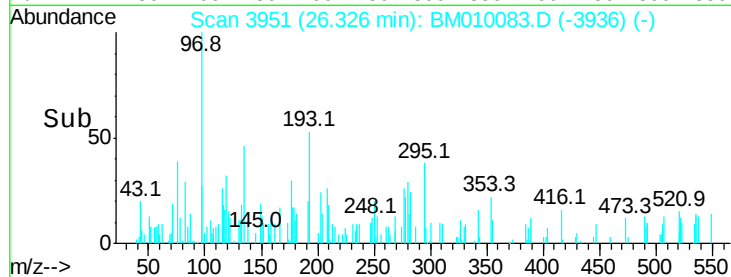
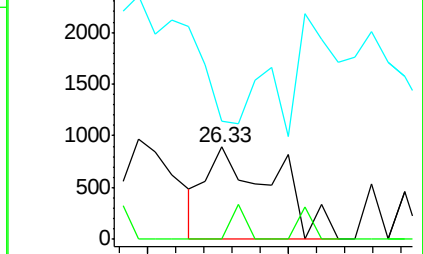
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	128.3	19.0	28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.13 ng

RT: 27.05 min Scan# 4074

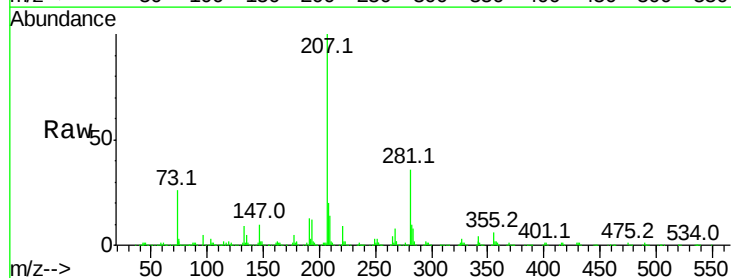
Delta R.T. -0.04 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:276 Resp: 7794

Ion	Ratio	Lower	Upper
276	100		
277	19.3	18.5	27.7
138	29.5	19.0	28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

