

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010004.D
 Acq On : 12 May 2017 02:54
 Operator : SJ/MA
 Sample : I3079-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 12 07:00:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	54071	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	231590	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	153598	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	390001	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	487890	20.00	ng	-0.02
86) Perylene-d12	23.66	264	369747	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	149302	43.21	ng	-0.01
7) Phenol-d6	6.94	99	195858	35.38	ng	-0.03
23) Nitrobenzene-d5	8.93	82	617212	97.40	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	346477	164.82	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1115386	97.11	ng	-0.02
78) Terphenyl-d14	19.80	244	2251178	97.25	ng	-0.02

Target Compounds						Qvalue
3) Pyridine	3.76	79	128	0.03	ng	# 9
4) n-Nitrosodimethylamine	3.63	42	231	0.09	ng	# 1
8) 2-Chlorophenol	7.33	128	115	0.03	ng	# 1
9) Benzaldehyde	6.93	77	136	0.03	ng	# 2
10) Phenol	6.97	94	15384	2.56	ng	79
15) Benzyl Alcohol	8.07	79	8140	1.73	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1421	0.19	ng	66
24) Nitrobenzene	9.01	77	153	0.02	ng	# 42
31) Naphthalene	10.59	128	6022	0.47	ng	# 1
37) 2-Methylnaphthalene	12.24	142	150	0.02	ng	# 41
47) 2-Nitroaniline	13.54	65	9733	2.14	ng	# 3
49) Dimethylphthalate	13.88	163	19775	1.46	ng	97
51) Acenaphthene	14.41	154	233	0.02	ng	# 5
57) Fluorene	15.48	166	162	0.01	ng	# 8
59) Diethylphthalate	15.24	149	3647	0.26	ng	# 75
62) Azobenzene	15.77	77	114	0.01	ng	# 50
69) Pentachlorophenol	16.86	266	128	6.14	ng	# 43
70) Phenanthrene	17.22	178	1193	0.05	ng	# 60
71) Anthracene	17.22	178	882	0.04	ng	# 61
73) Di-n-butylphthalate	18.13	149	2322	0.09	ng	# 78
74) Fluoranthene	19.24	202	1335	0.05	ng	57
76) Benzidine	19.48	184	111	0.01	ng	# 68
77) Pyrene	19.60	202	1433	0.05	ng	# 57
79) Butylbenzylphthalate	20.49	149	571	0.05	ng	# 81
80) Benzo(a)anthracene	21.36	228	1081	0.04	ng	# 72
81) 3,3'-Dichlorobenzidine	21.30	252	259	0.02	ng	# 26
82) Chrysene	21.40	228	622	0.02	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.24	149	2859	0.16	ng	# 89
84) Di-n-octyl phthalate	22.13	149	207	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.04	276	179	0.01	ng	# 100
87) Benzo(b)fluoranthene	22.94	252	110	0.00	ng	# 20
88) Benzo(k)fluoranthene	23.00	252	1200	0.05	ng	# 39
89) Benzo(a)pyrene	23.56	252	938	0.04	ng	# 45
91) Benzo(g,h,i)perylene	26.75	276	107	0.01	ng	# 52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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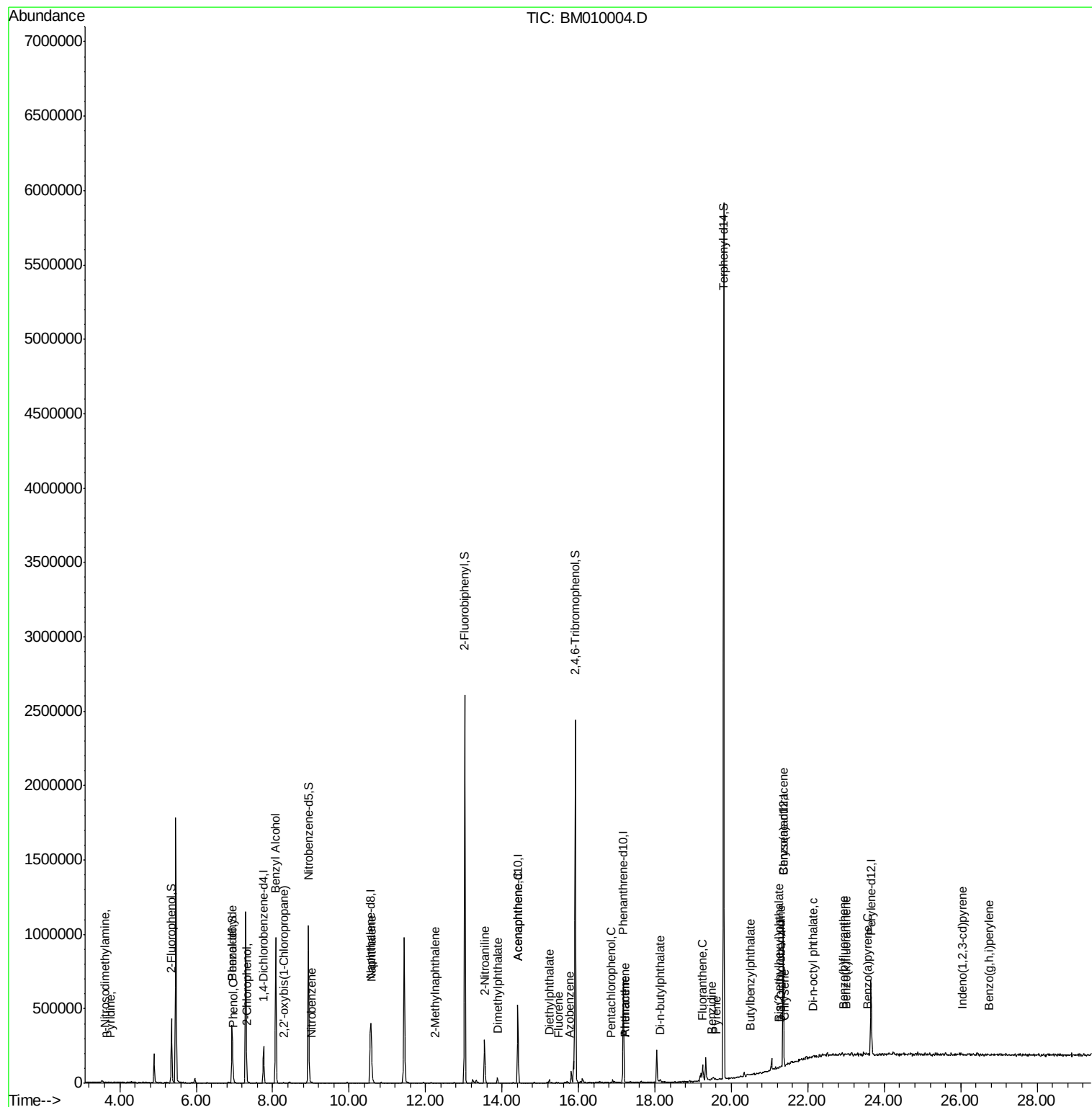
-----	-----	-----	-----	-----	-----	-----
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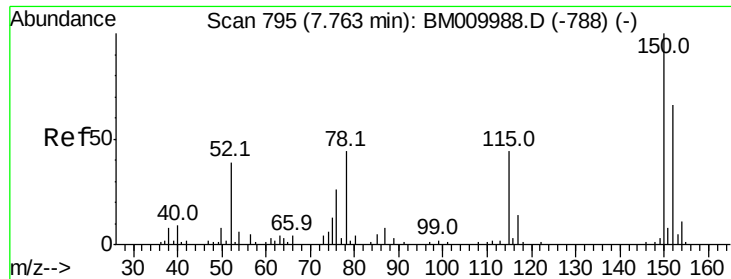
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

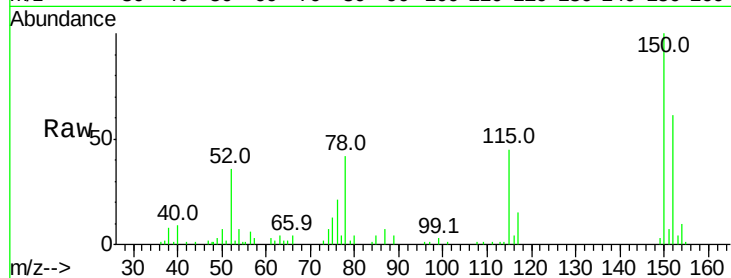
Tot Ion:152 Resp: 54071

Ion Ratio Lower Upper

152 100

150 162.8 119.5 179.3

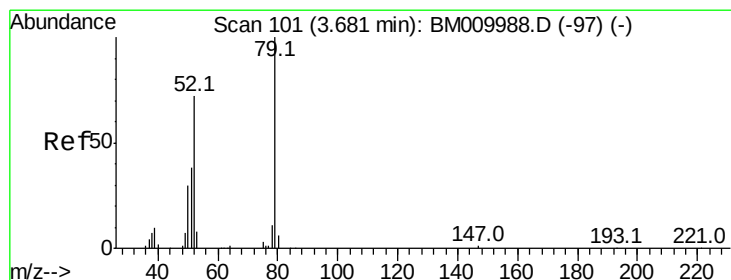
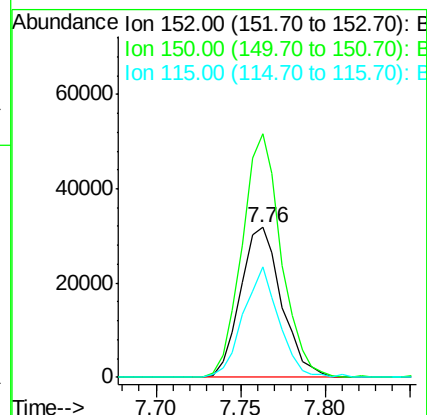
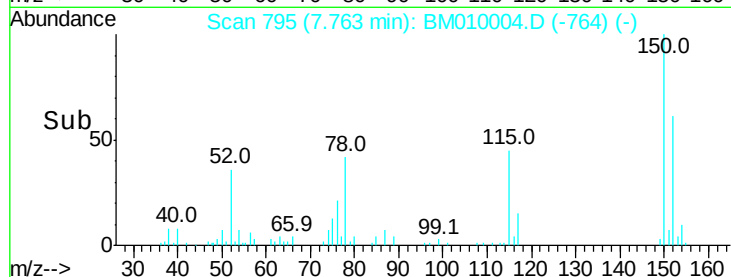
115 73.9 43.0 64.4#



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



#3

Pyridine

Concen: 0.03 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.07 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

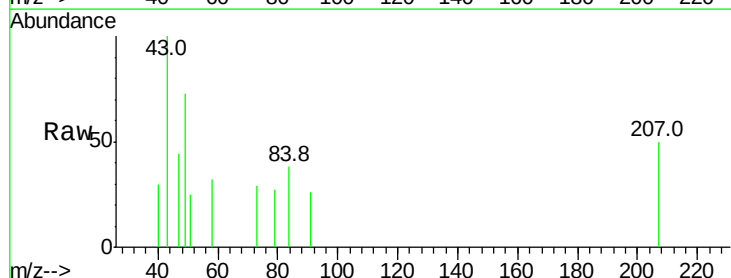
Tgt Ion: 79 Resp: 128

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

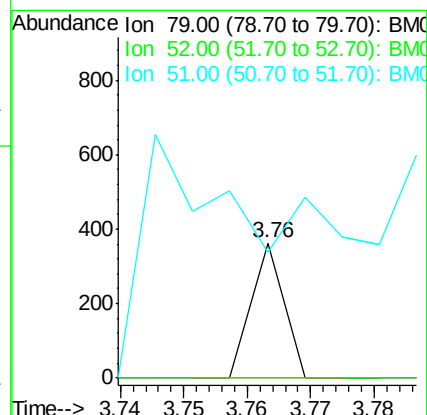
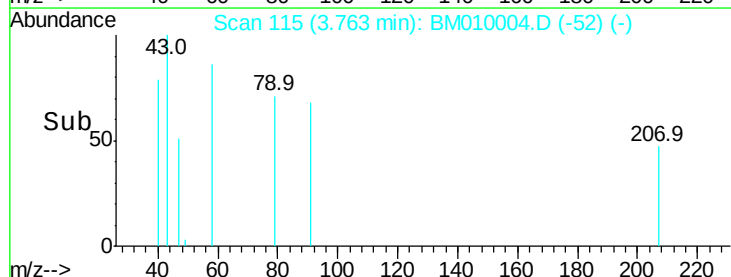
51 93.4 26.1 39.1#

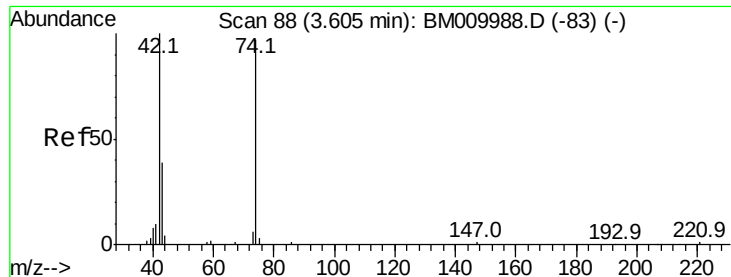


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.63 min Scan# 92

Delta R.T. 0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

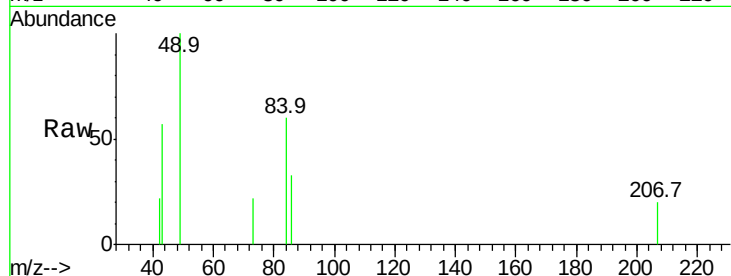
Tot Ion: 42 Resp: 231

Ion Ratio Lower Upper

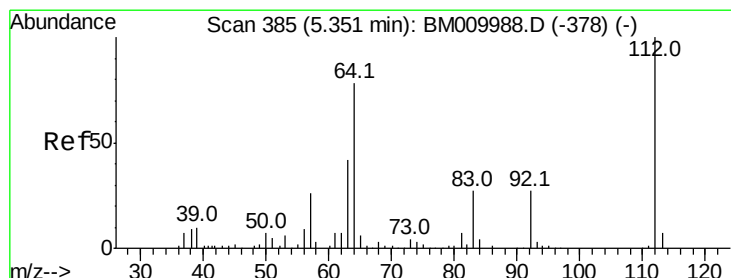
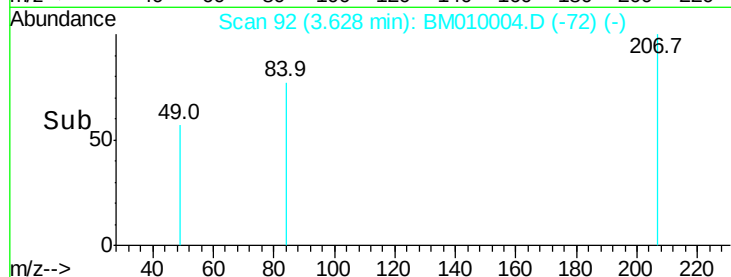
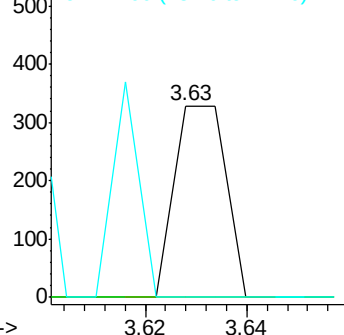
42 100

74 0.0 119.3 178.9#

44 0.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



#5

2-Fluorophenol

Concen: 43.21 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

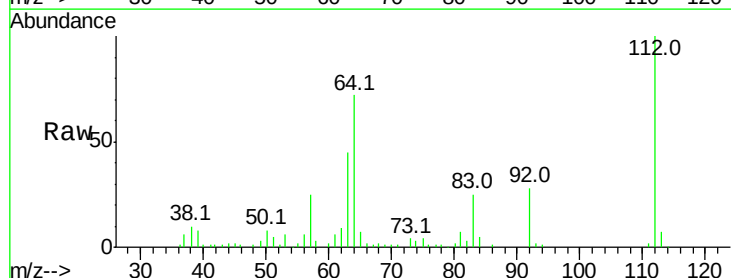
Tgt Ion: 112 Resp: 149302

Ion Ratio Lower Upper

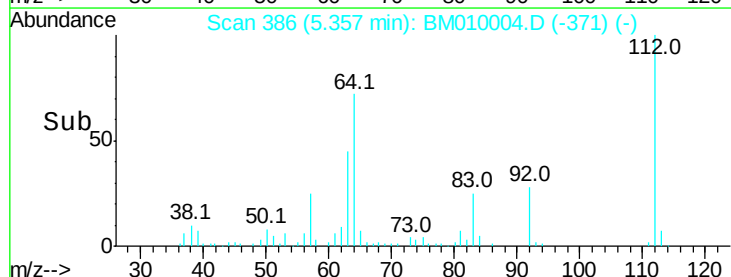
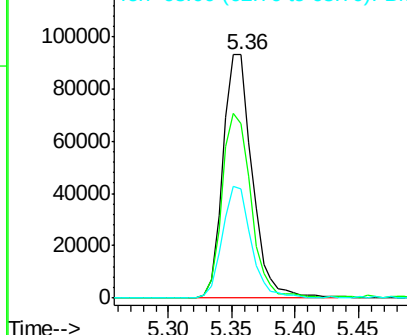
112 100

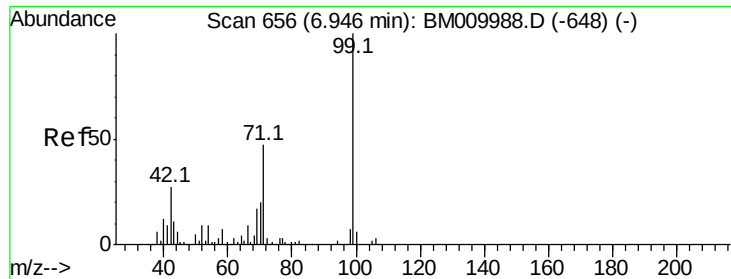
64 71.5 38.6 57.8#

63 44.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 35.38 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

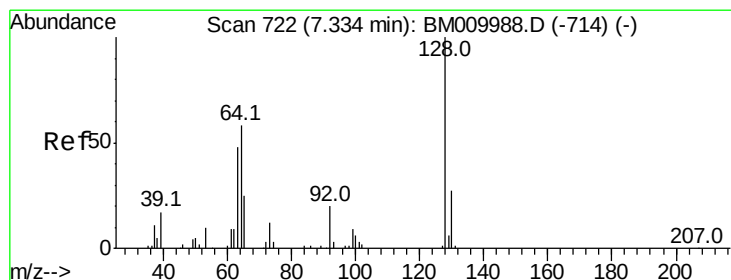
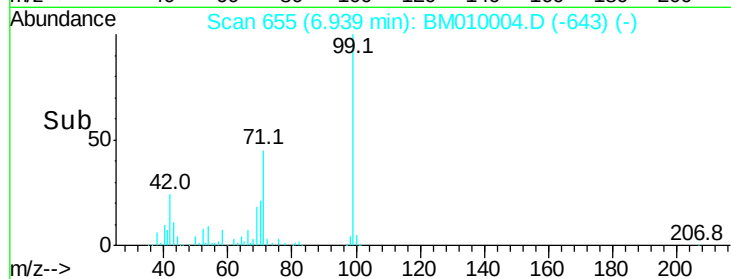
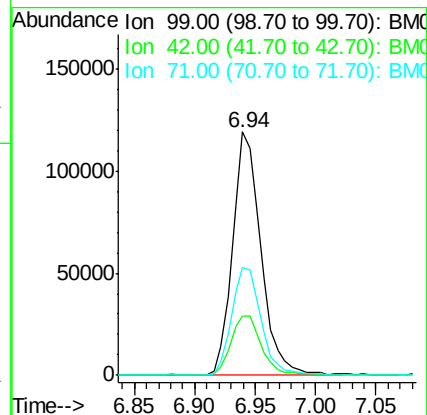
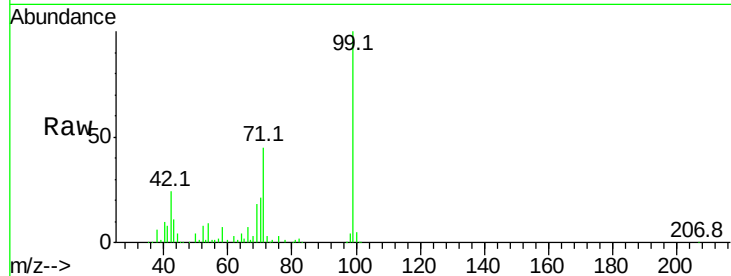
Tot Ion: 99 Resp: 195858

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 44.5 23.4 35.2#



#8

2-Chlorophenol

Concen: 0.03 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

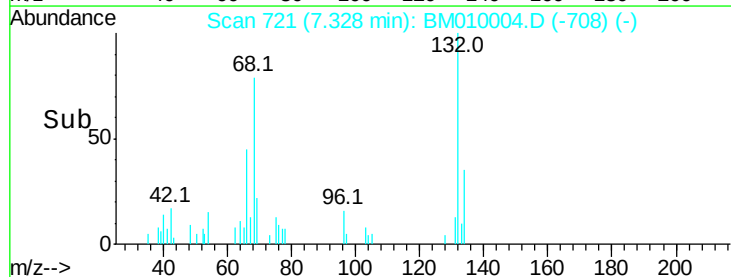
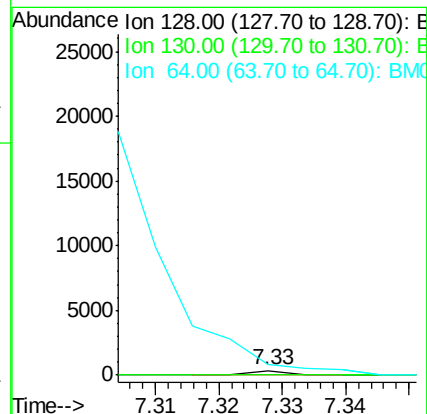
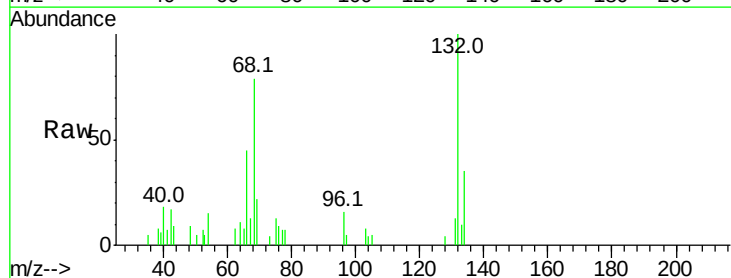
Tgt Ion: 128 Resp: 115

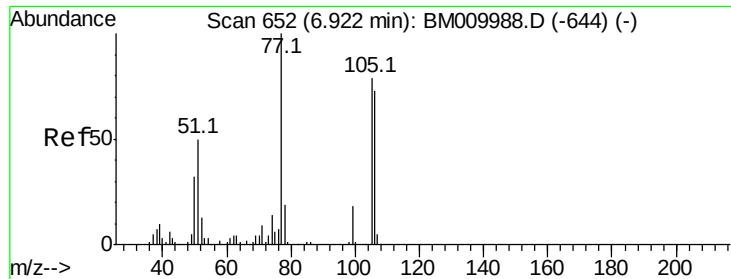
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 258.7 24.9 64.9#





#9

Benzaldehyde

Concen: 0.03 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampled :

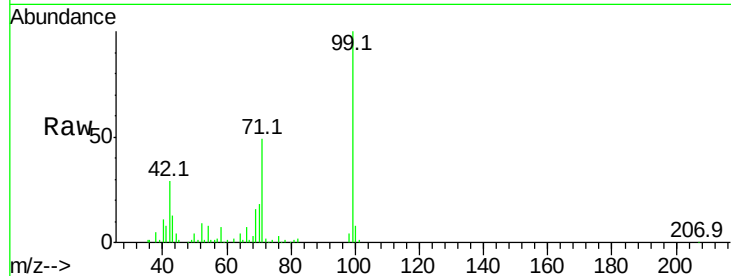
Tot Ion: 77 Resp: 136

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

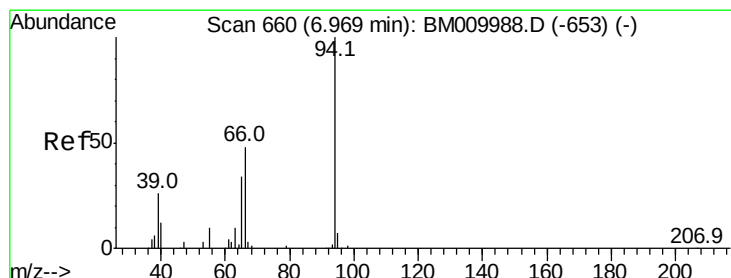
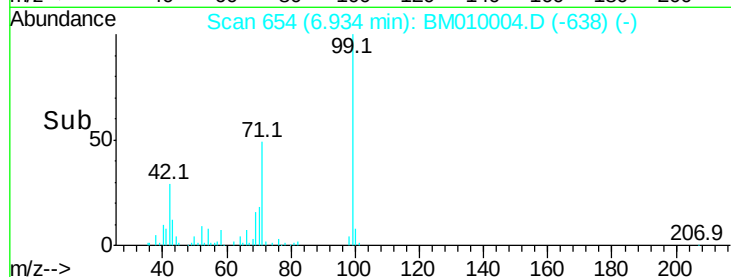
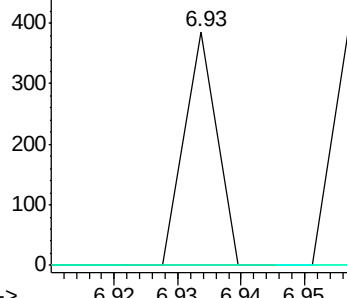
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM009988.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BM009988.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BM009988.D (-644) (-)



#10

Phenol

Concen: 2.56 ng

RT: 6.97 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

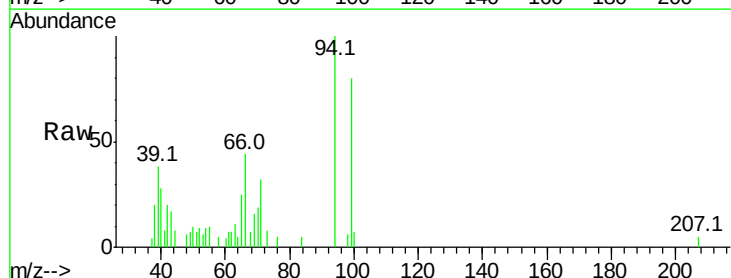
Tgt Ion: 94 Resp: 15384

Ion Ratio Lower Upper

94 100

65 25.3 18.8 58.8

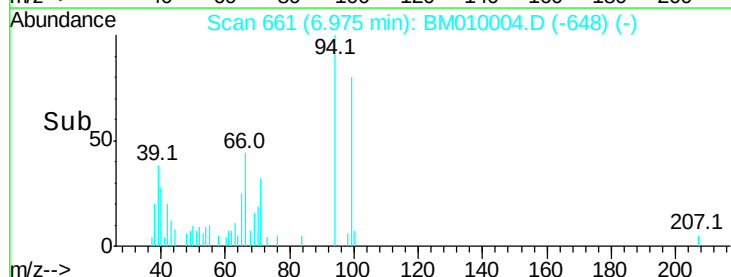
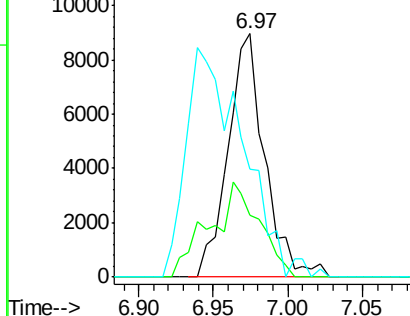
66 44.2 39.9 79.9

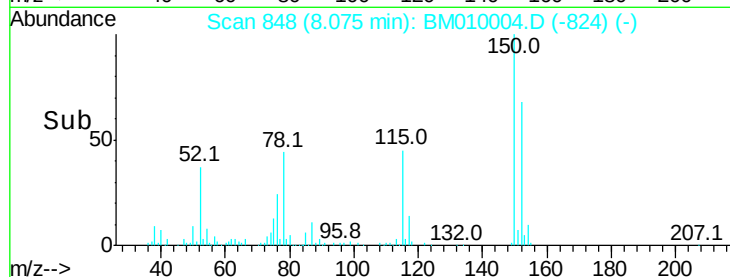
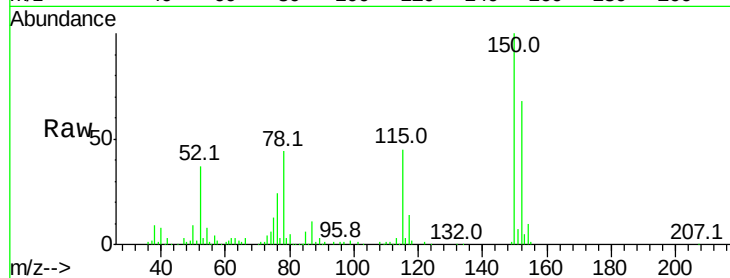
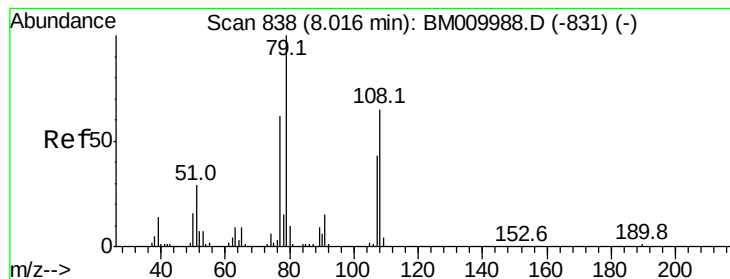


Abundance Ion 94.00 (93.70 to 94.70): BM009988.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM009988.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM009988.D (-653) (-)





#15

Benzyl Alcohol

Concen: 1.73 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.04 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampled :

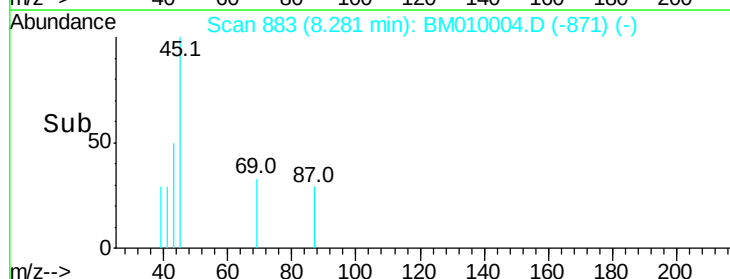
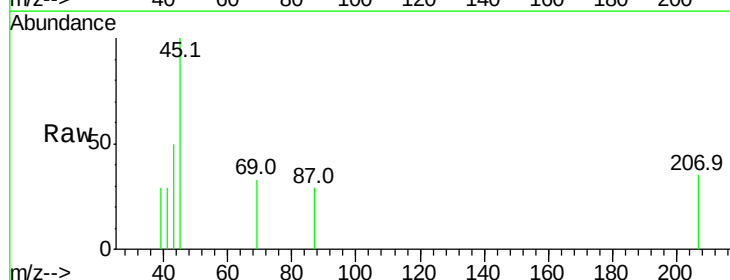
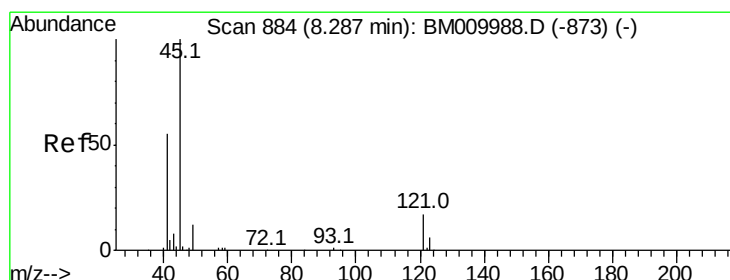
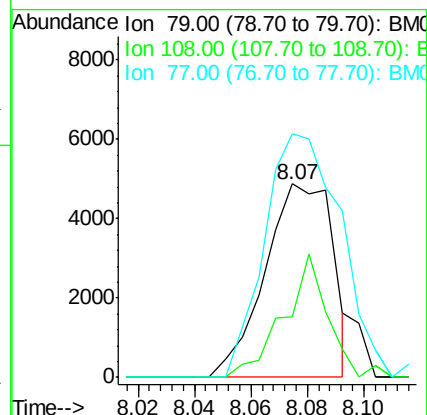
Tot Ion: 79 Resp: 8140

Ion Ratio Lower Upper

79 100

108 31.2 65.0 97.4#

77 125.8 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.19 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

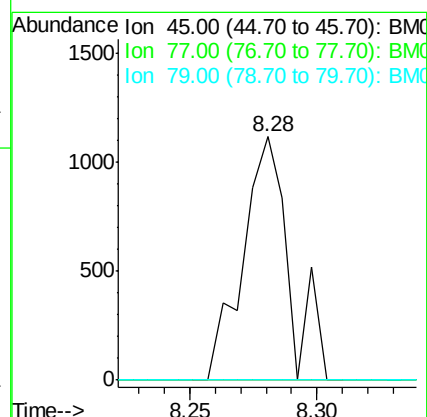
Tgt Ion: 45 Resp: 1421

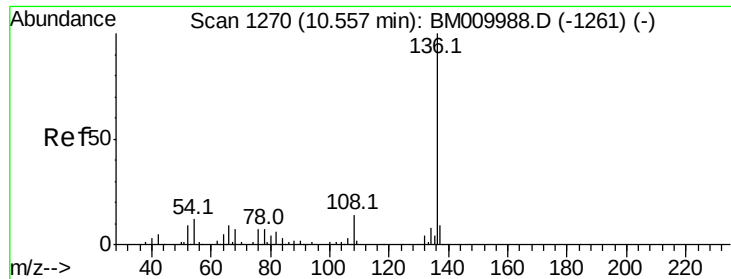
Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

79 0.0 0.0 32.0

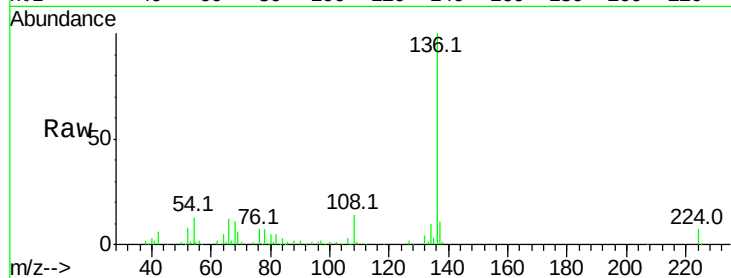




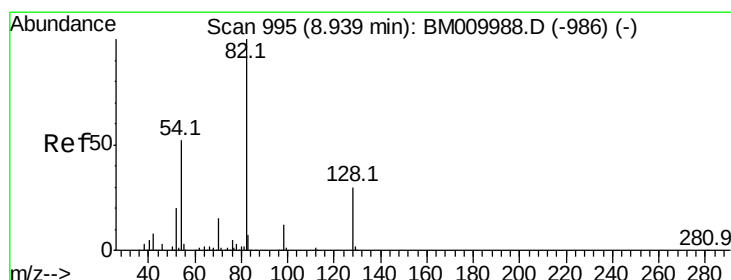
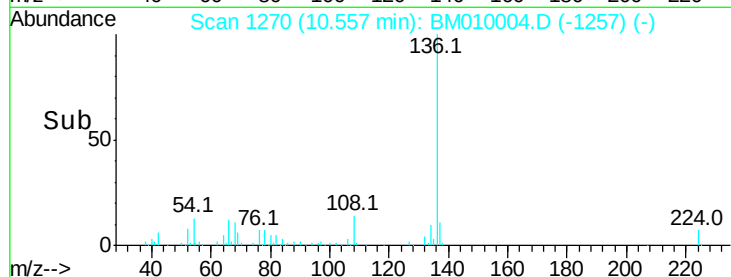
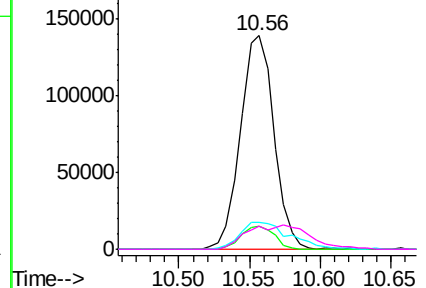
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	231590
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	12.7	4.6 6.8#
68	10.7	3.7 5.5#

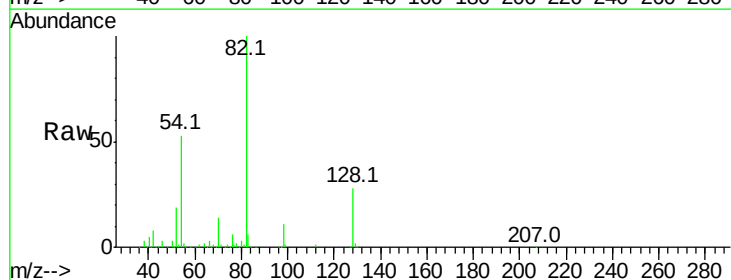


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

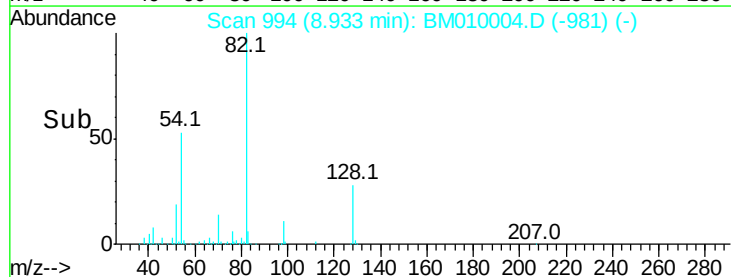
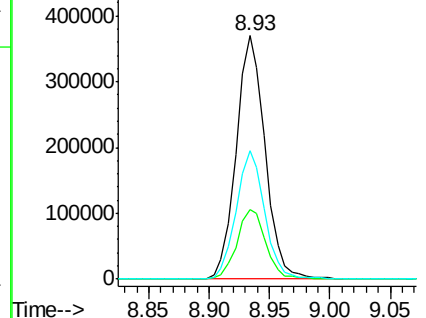


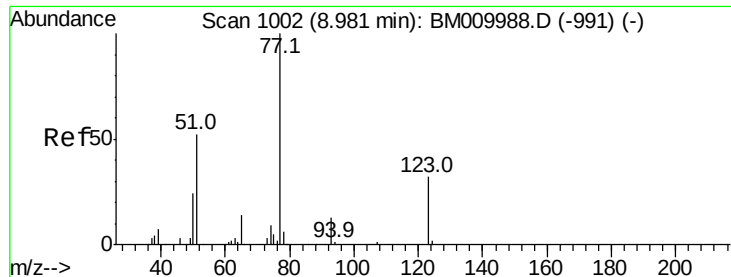
#23
Nitrobenzene-d5
Concen: 97.40 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion: 82	Resp:	617212
Ion	Ratio	Lower Upper
82	100	
128	28.4	32.8 49.2#
54	52.5	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

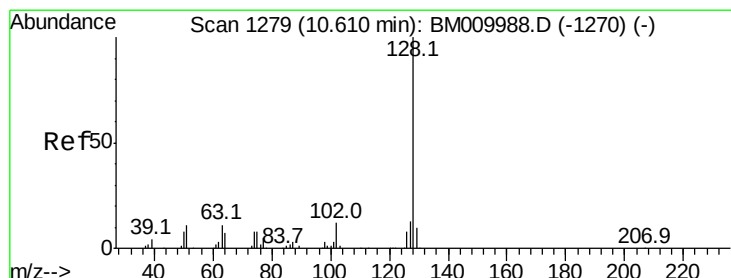
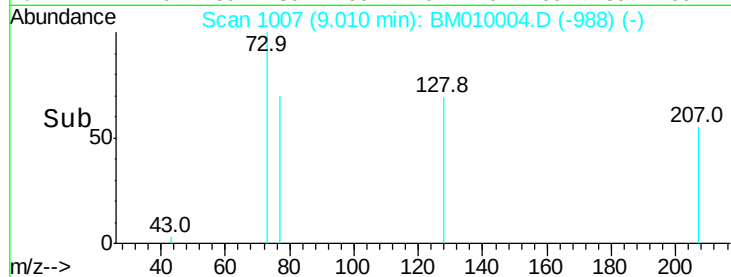
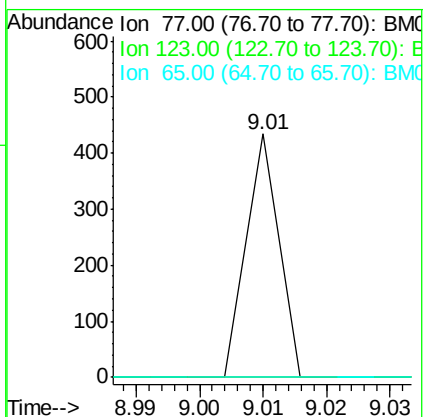
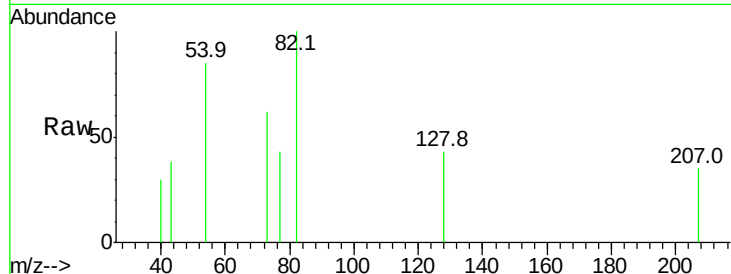




#24
Nitrobenzene
Concen: 0.02 ng
RT: 9.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

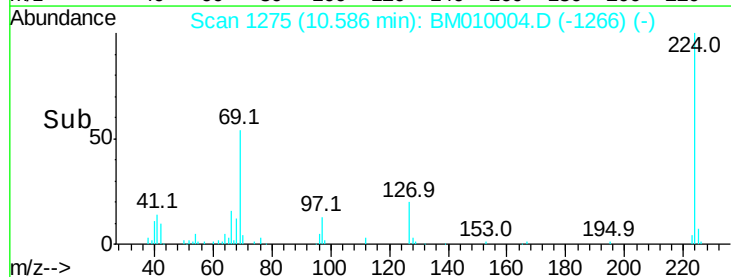
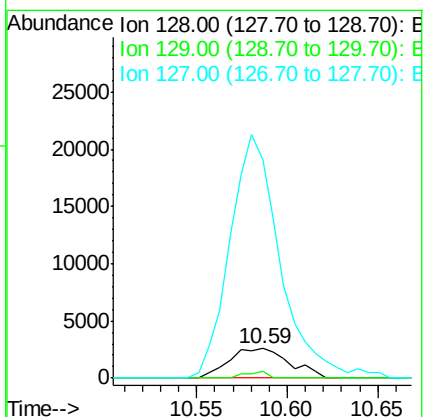
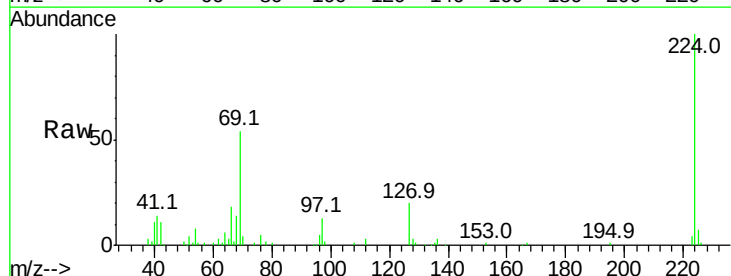
Instrument :
BNA_M
ClientSampleId :

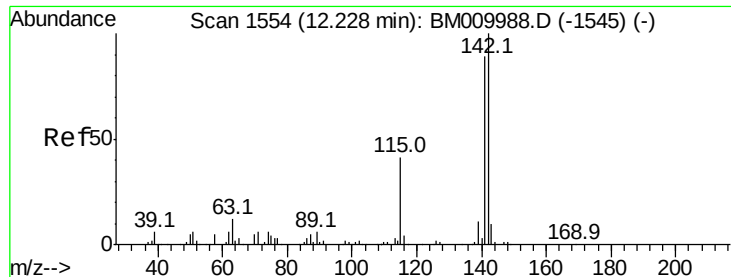
Tot Ion: 77 Resp: 153
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#



#31
Naphthalene
Concen: 0.47 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion: 128 Resp: 6022
Ion Ratio Lower Upper
128 100
129 20.9 8.9 13.3#
127 731.5 10.4 15.6#

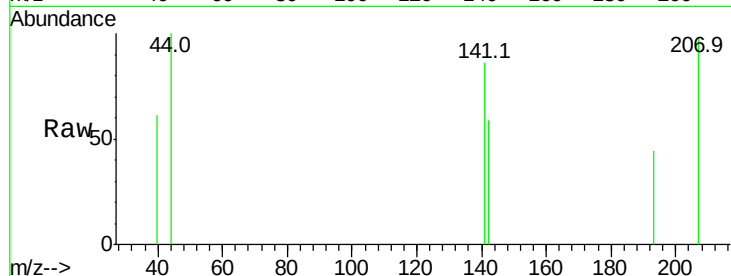




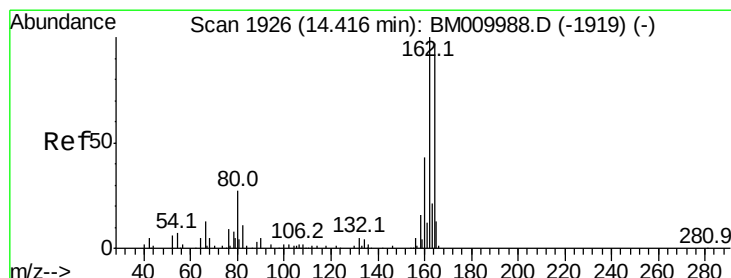
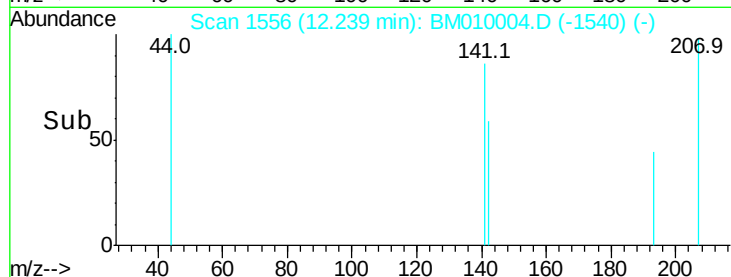
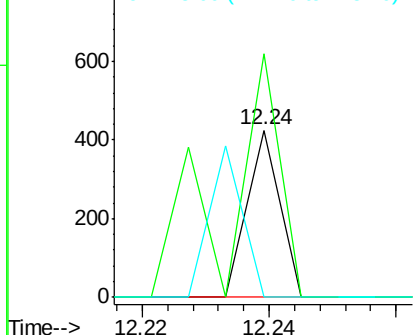
#37
 2-Methylnaphthalene
 Concen: 0.02 ng
 RT: 12.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	145.6	71.9	107.9#
115	0.0	25.4	38.0#

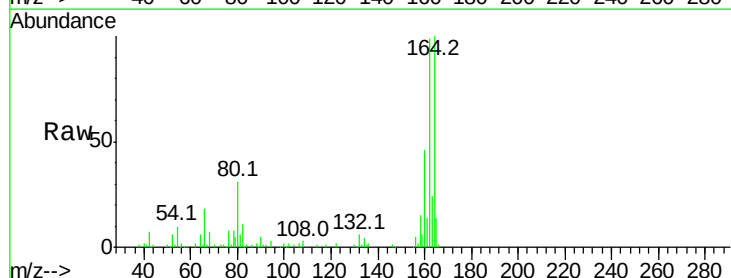


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

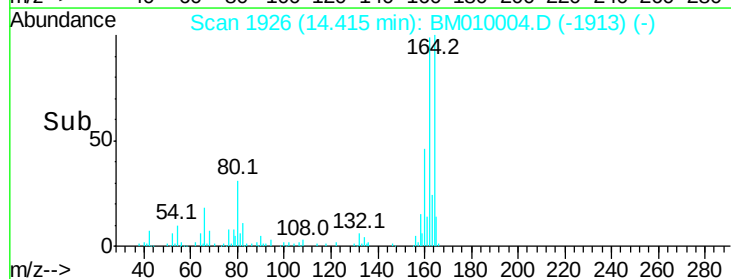
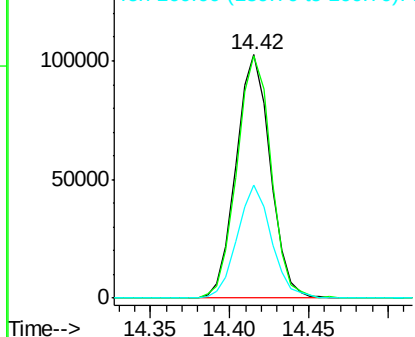


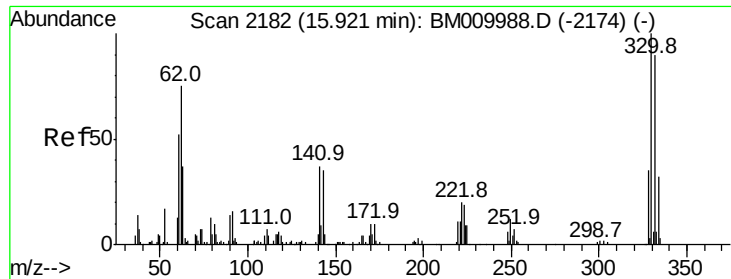
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	46.4	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

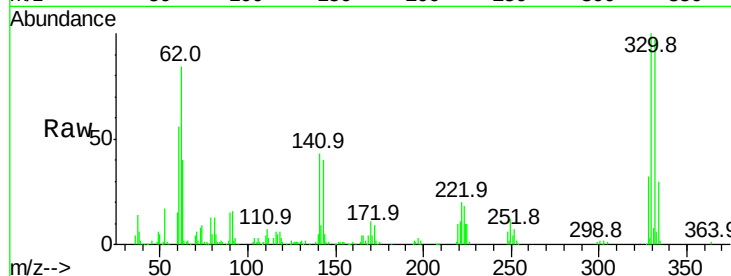




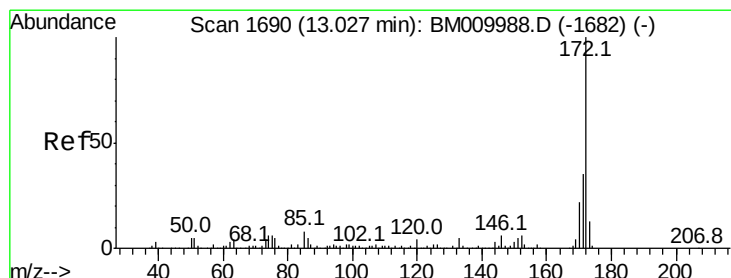
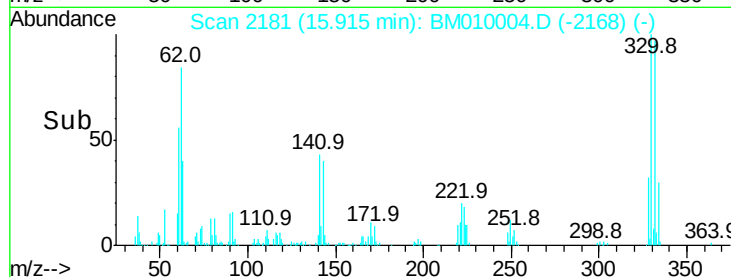
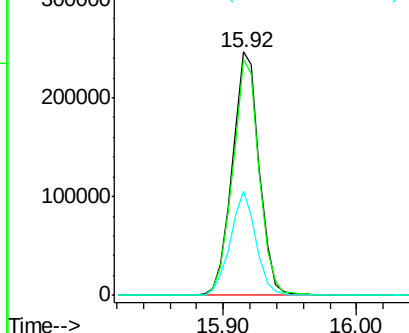
#41
 2,4,6-Tribromophenol
 Concen: 164.82 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	40.8	0.0	0.0#

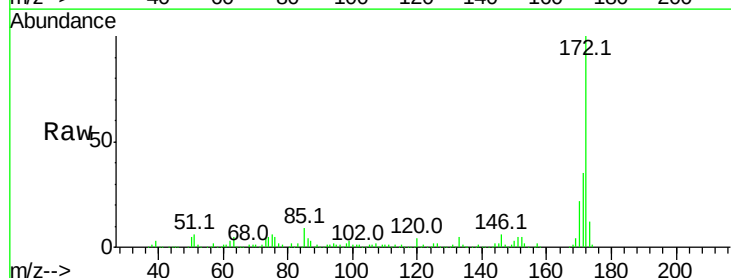


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

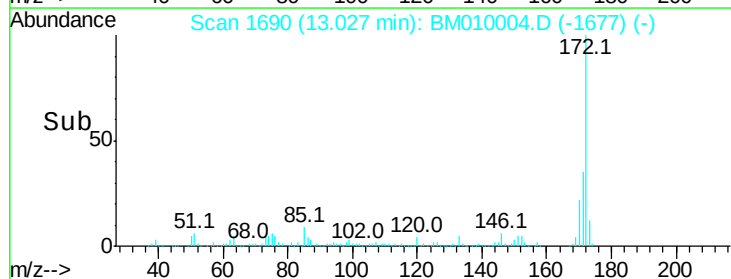
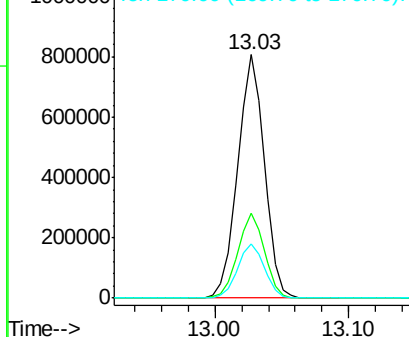


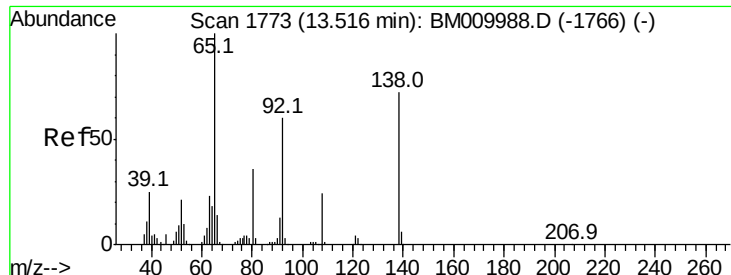
#44
 2-Fluorobiphenyl
 Concen: 97.11 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.3	18.8	28.2



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





#47

2-Nitroaniline

Concen: 2.14 ng

RT: 13.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

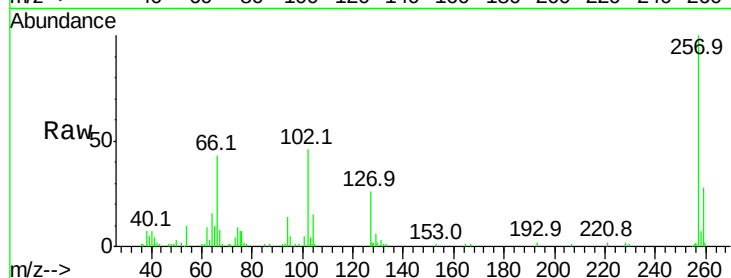
Tot Ion: 65 Resp: 9733

Ion Ratio Lower Upper

65 100

92 6.1 59.1 88.7#

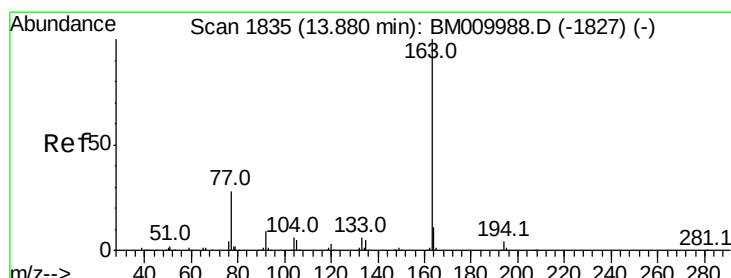
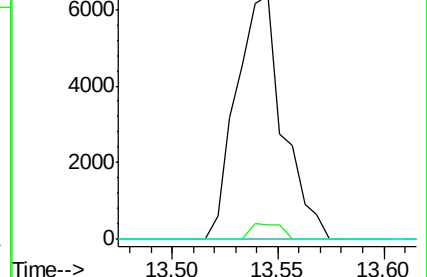
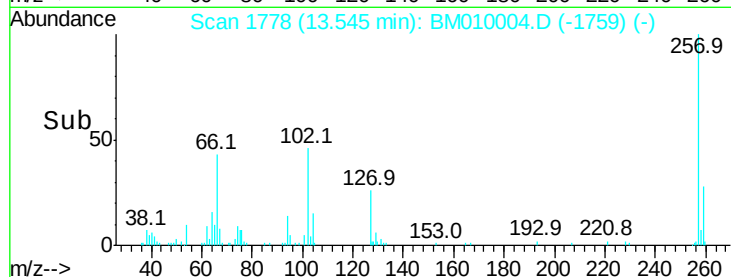
138 0.0 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010004.D (-1766) (-)

Ion 92.00 (91.70 to 92.70): BM010004.D (-1766) (-)

Ion 138.00 (137.70 to 138.70): BM010004.D (-1766) (-)



#49

Dimethylphthalate

Concen: 1.46 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

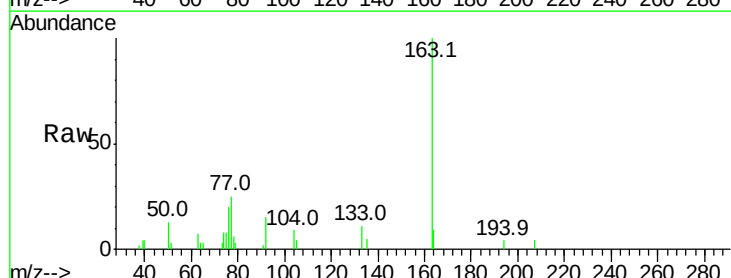
Tgt Ion:163 Resp: 19775

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

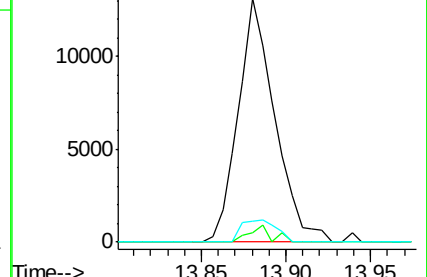
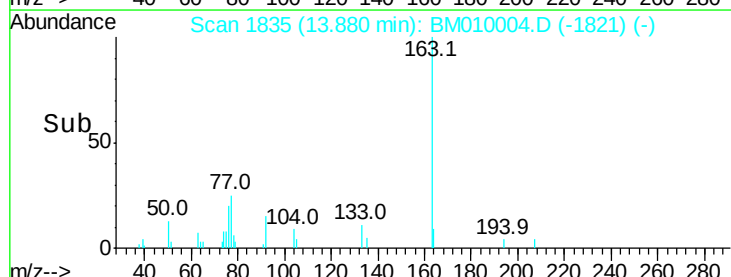
164 8.8 8.2 12.2

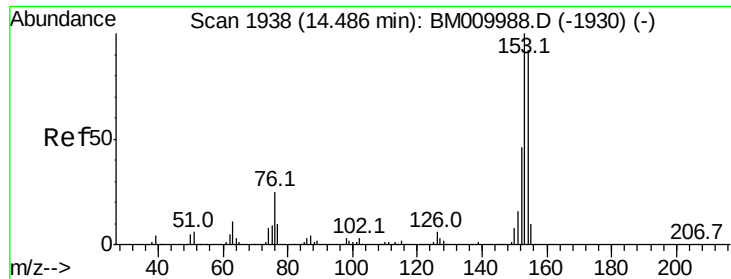


Abundance Ion 163.00 (162.70 to 163.70): BM010004.D (-1827) (-)

Ion 194.00 (193.70 to 194.70): BM010004.D (-1827) (-)

Ion 164.00 (163.70 to 164.70): BM010004.D (-1827) (-)





#51

Acenaphthene

Concen: 0.02 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.09 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

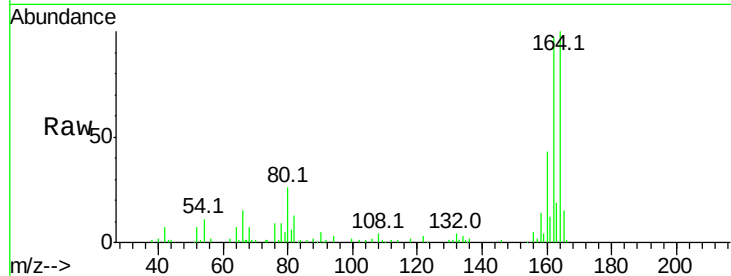
Tot Ion:154 Resp: 233

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

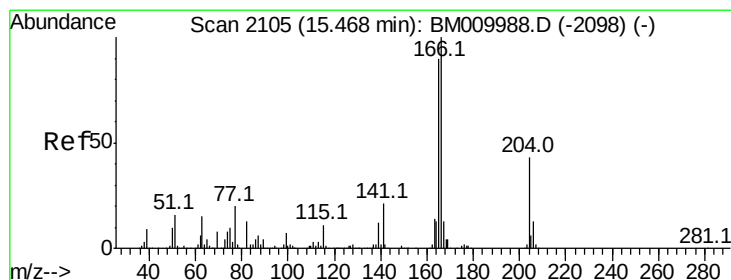
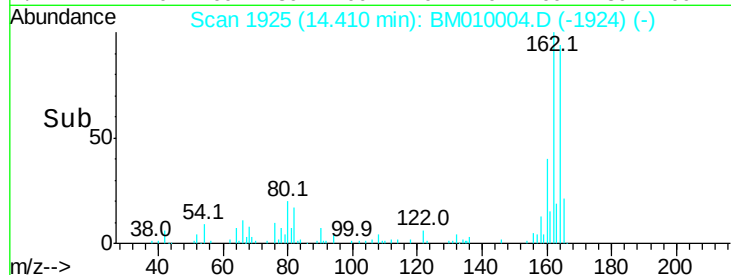
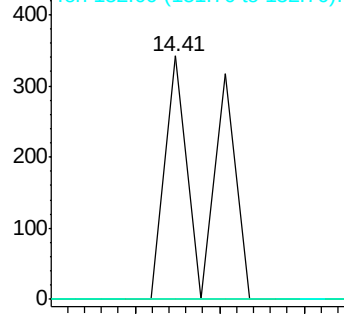
152 0.0 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 0.01 ng

RT: 15.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

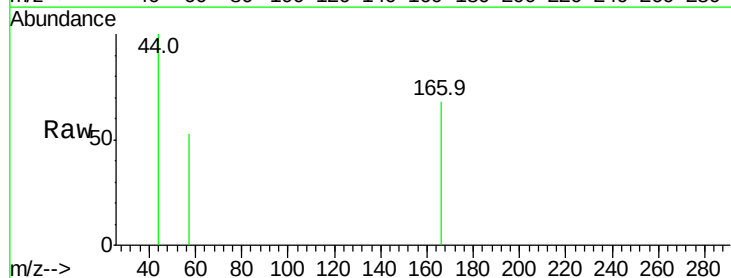
Tgt Ion:166 Resp: 162

Ion Ratio Lower Upper

166 100

165 0.0 79.0 118.4#

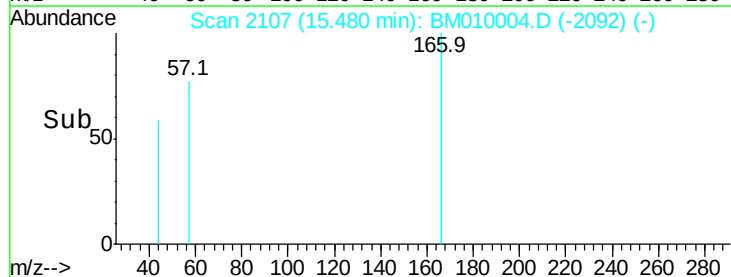
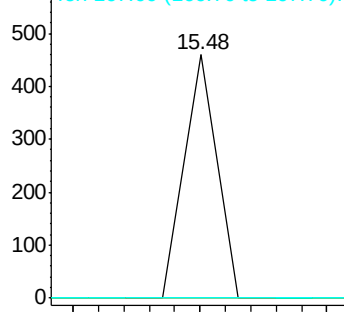
167 0.0 10.3 15.5#

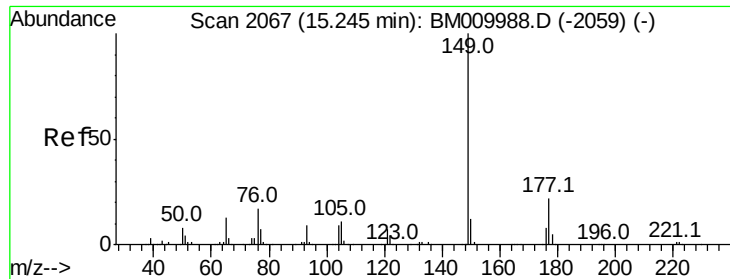


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

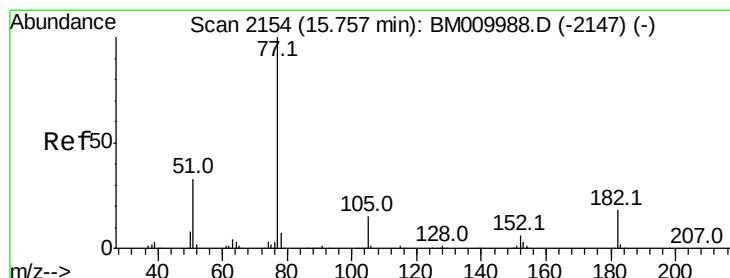
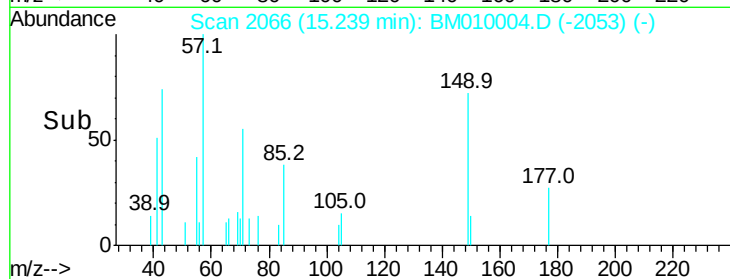
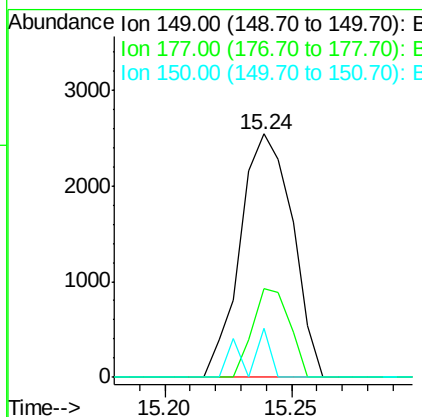
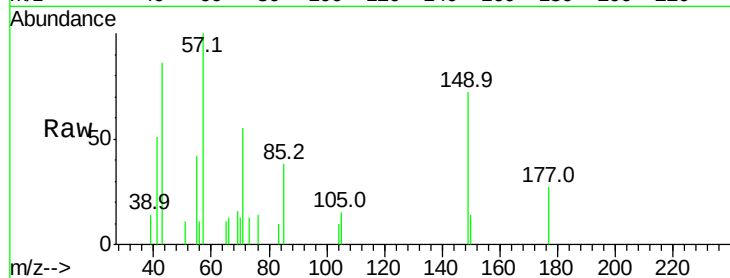




#59
 Diethylphthalate
 Concen: 0.26 ng
 RT: 15.24 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

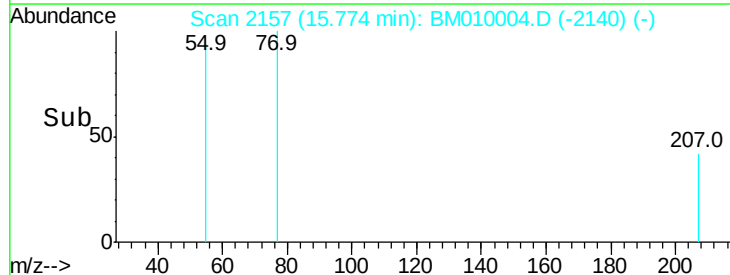
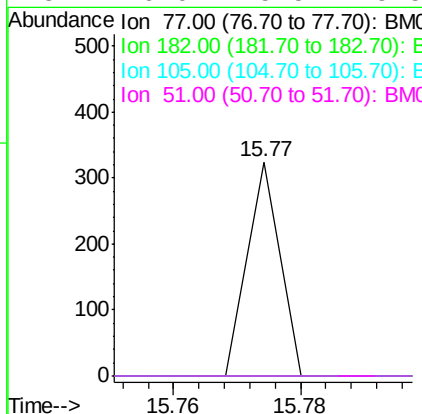
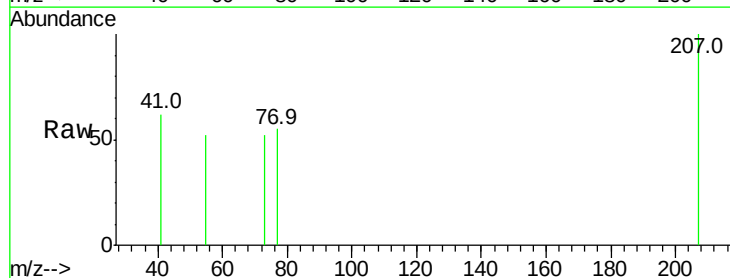
Instrument :
 BNA_M
 ClientSampleId :

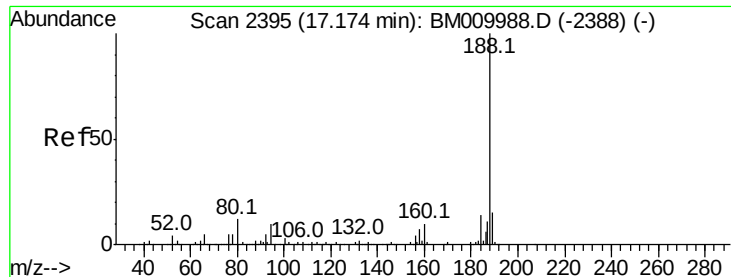
Tot Ion	Ratio	Lower	Upper
149	100		
177	36.6	18.3	27.5#
150	19.9	9.8	14.8#



#62
 Azobenzene
 Concen: 0.01 ng
 RT: 15.77 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

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

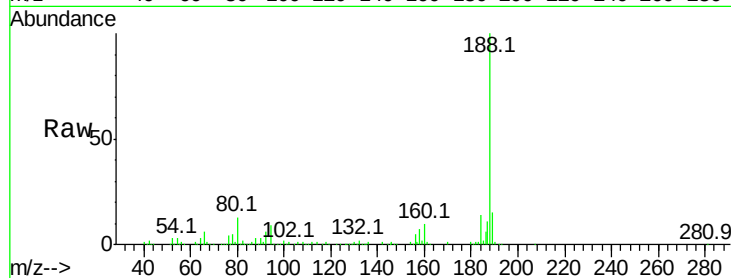




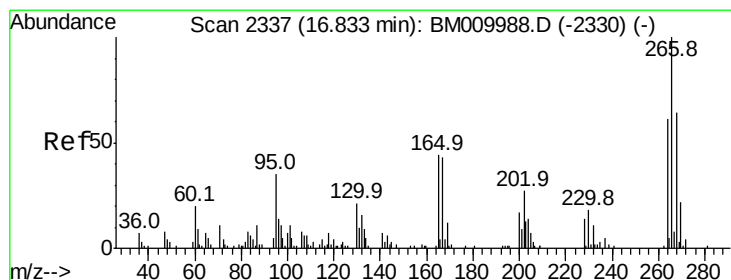
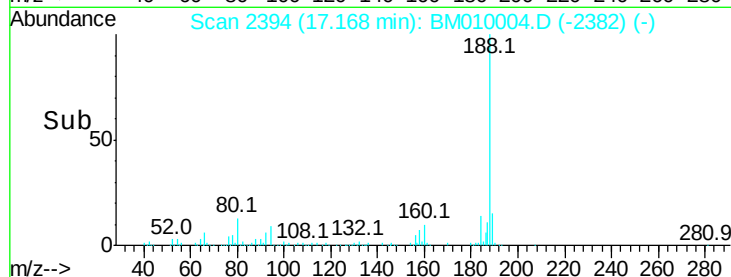
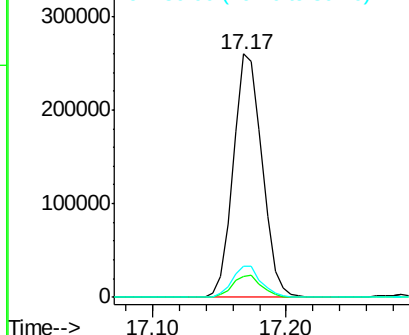
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 390001
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 12.6 9.3 13.9

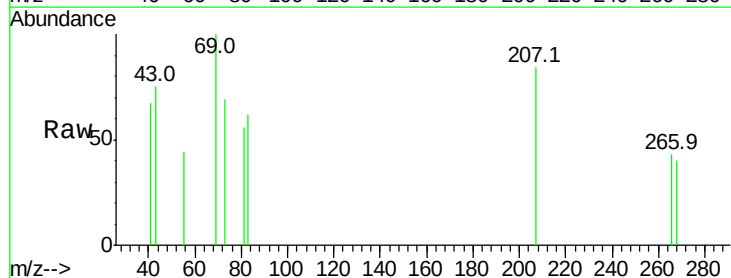


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

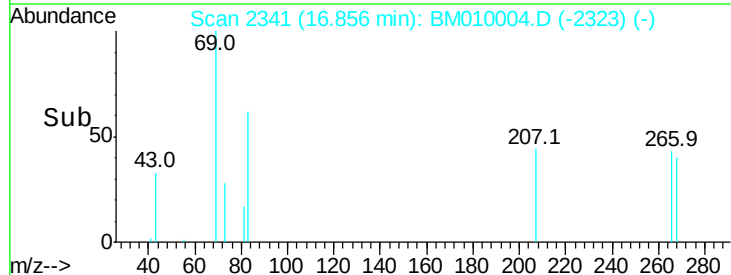
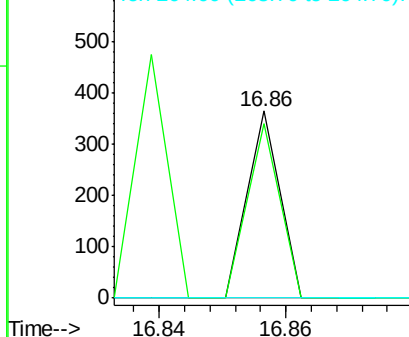


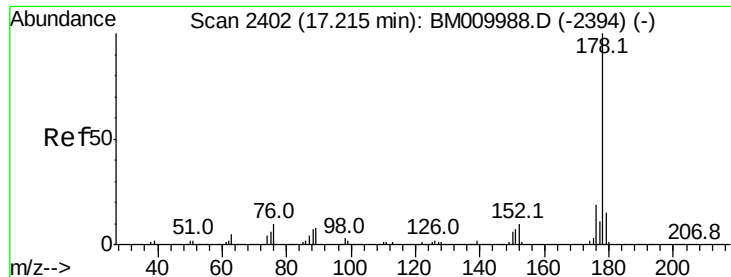
#69
Pentachlorophenol
Concen: 6.14 ng
RT: 16.86 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion:266 Resp: 128
Ion Ratio Lower Upper
266 100
268 93.4 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: 0.05 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampled :

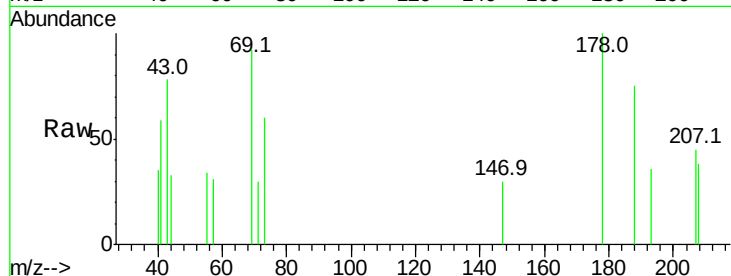
Tot Ion:178 Resp: 1193

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

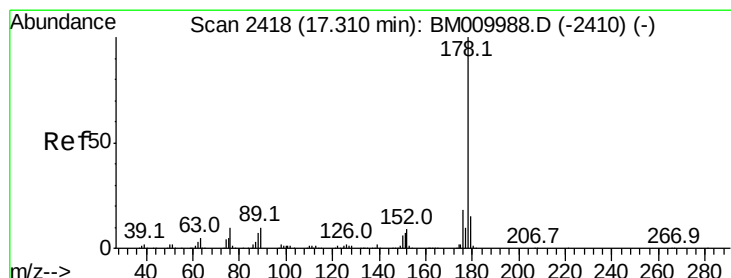
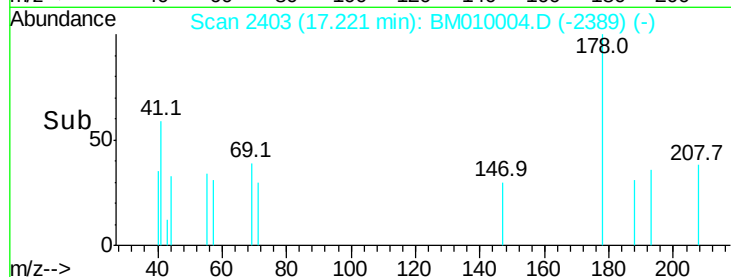
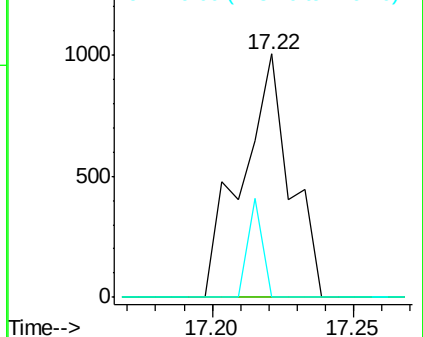
179 0.0 12.1 18.1#



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: 17.22 min Scan# 2403

Delta R.T. -0.11 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

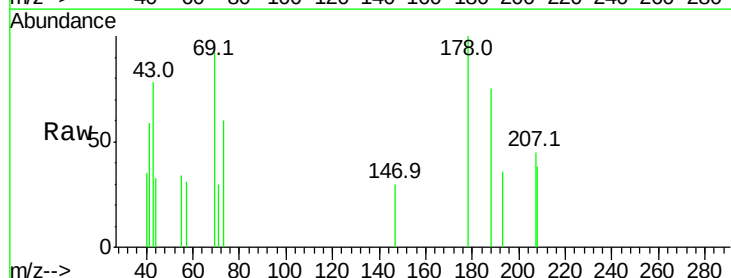
Tgt Ion:178 Resp: 882

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

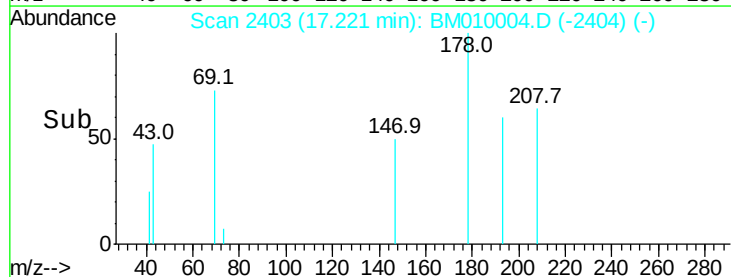
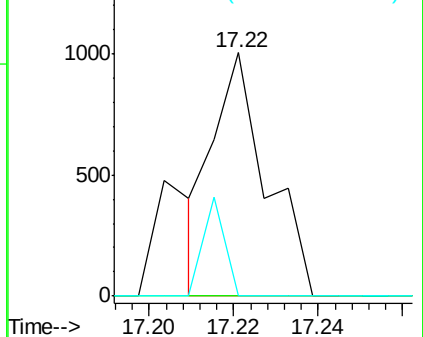
179 0.0 12.6 19.0#

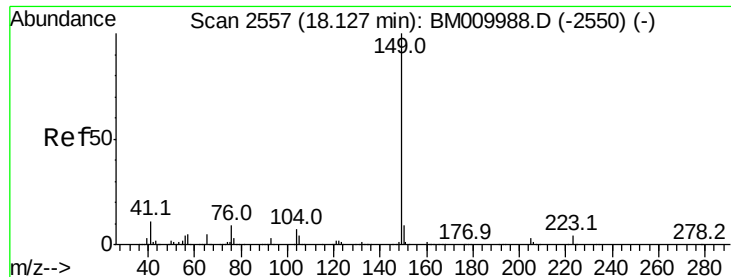


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

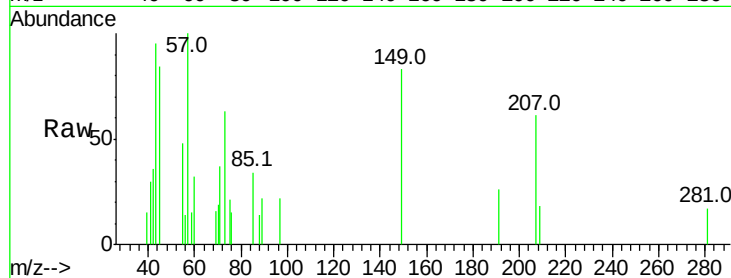




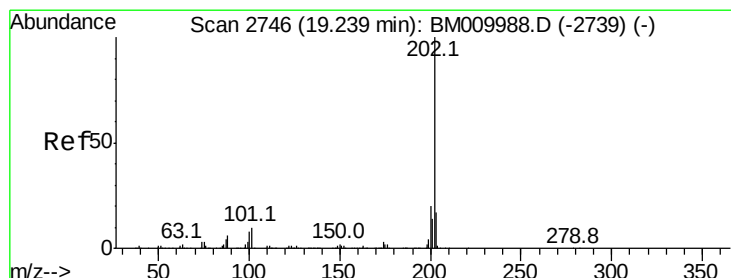
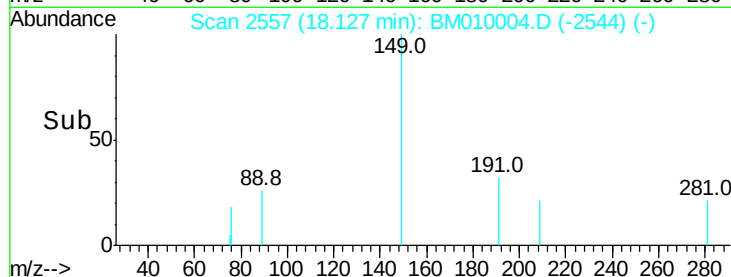
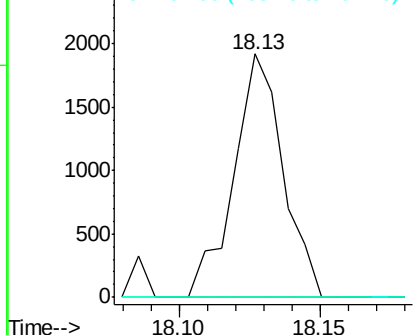
#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 2322
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

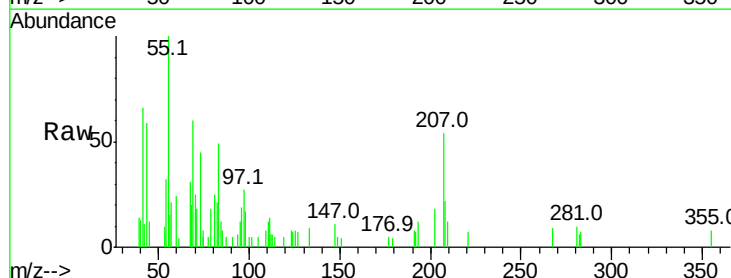


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

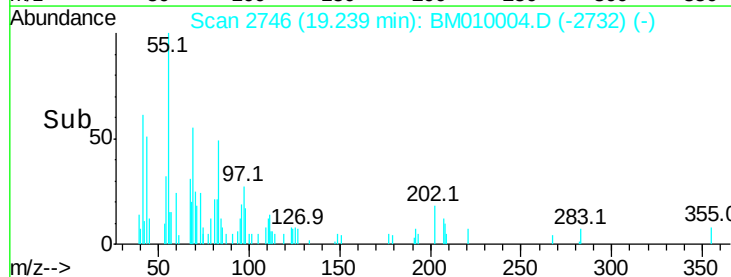
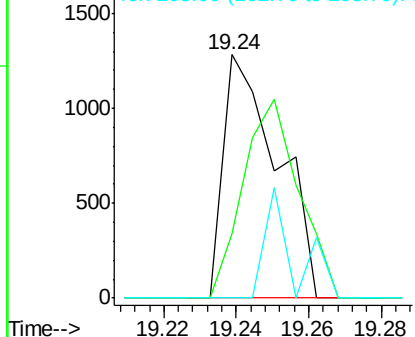


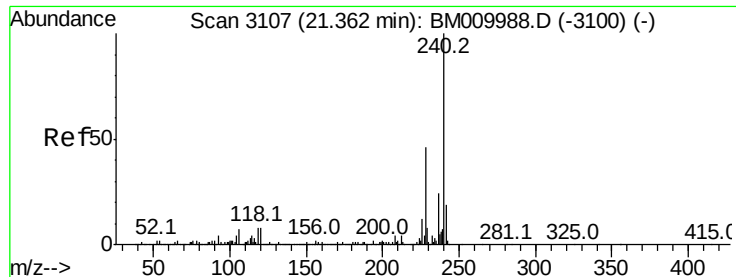
#74
Fluoranthene
Concen: 0.05 ng
RT: 19.24 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion:202 Resp: 1335
Ion Ratio Lower Upper
202 100
101 26.3 0.0 28.7
203 0.0 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampled :

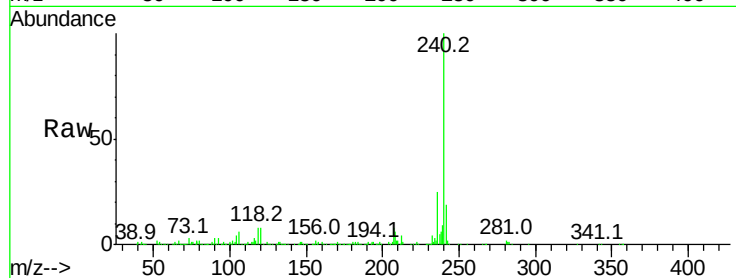
Tot Ion:240 Resp: 487890

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

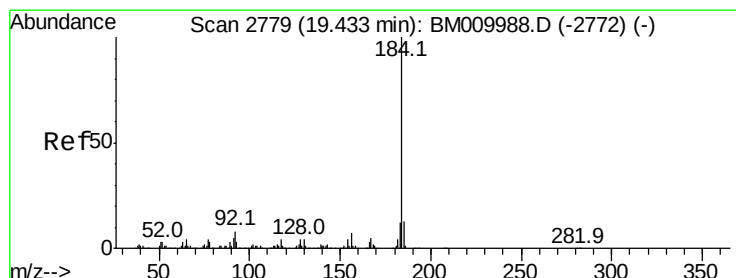
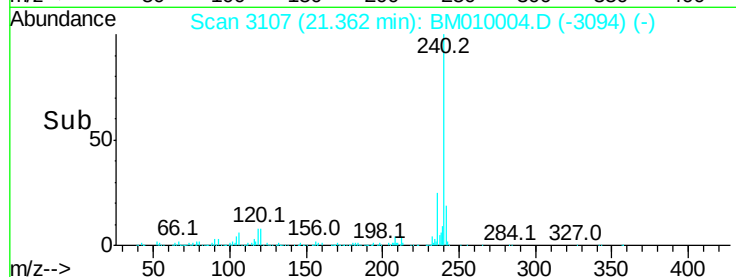
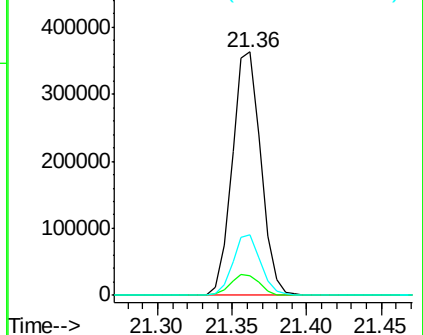
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.01 ng

RT: 19.48 min Scan# 2787

Delta R.T. 0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

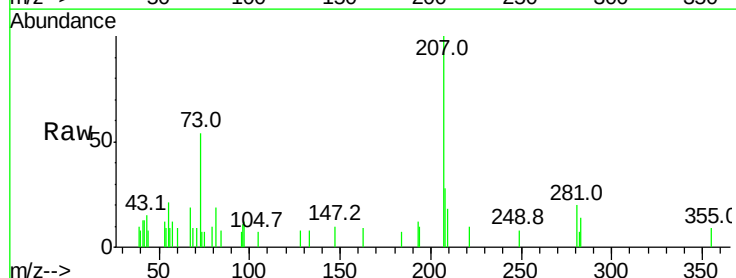
Tgt Ion:184 Resp: 111

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

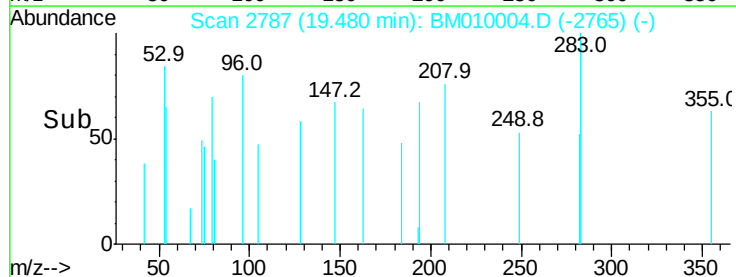
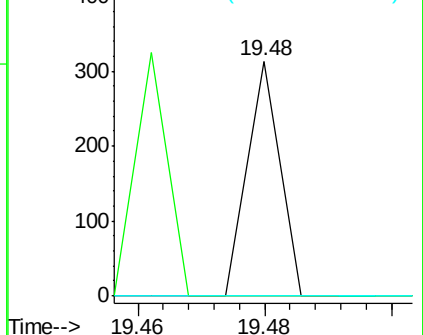
183 0.0 8.9 13.3#

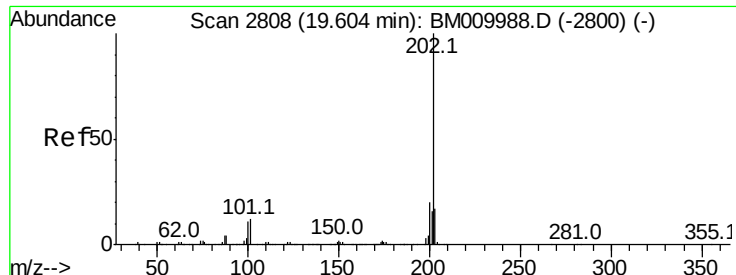


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

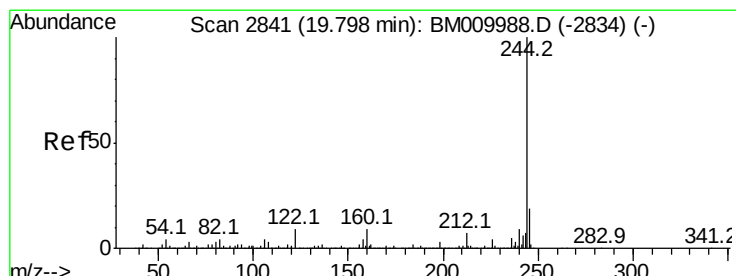
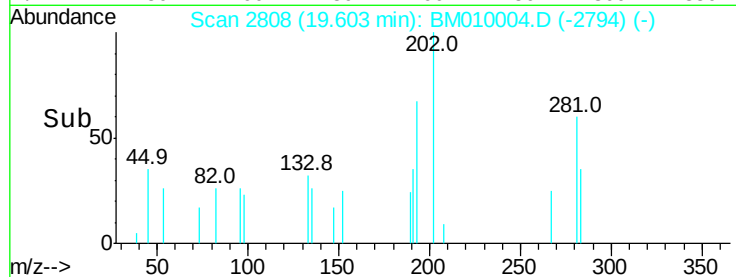
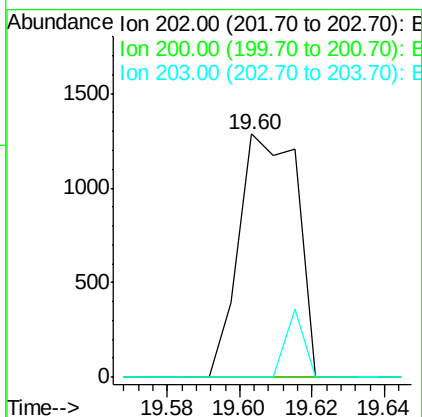
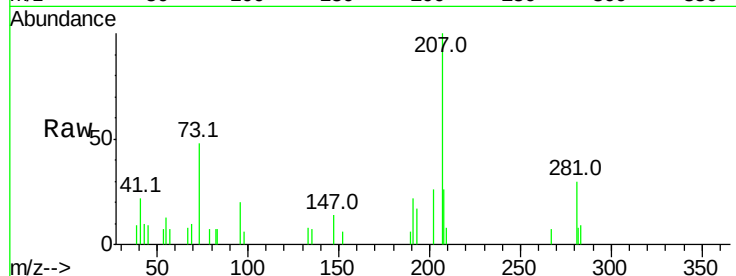




#77
Pvrene
Concen: 0.05 ng
RT: 19.60 min Scan# 2808
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

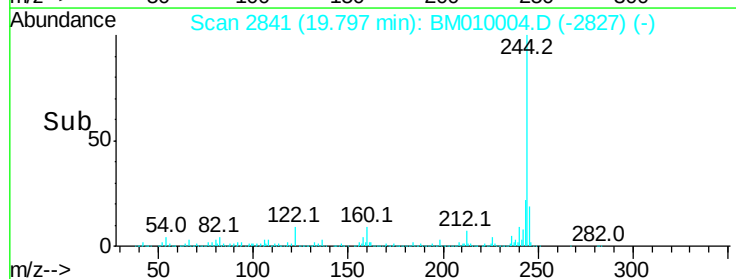
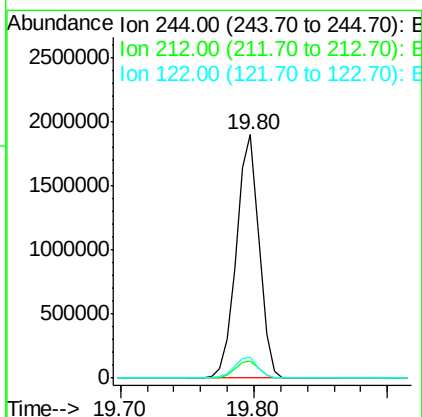
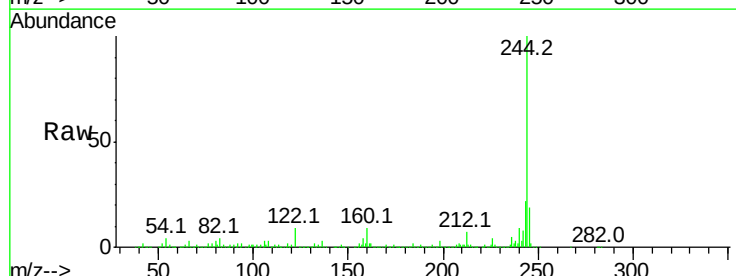
Instrument :
BNA_M
ClientSampleId :

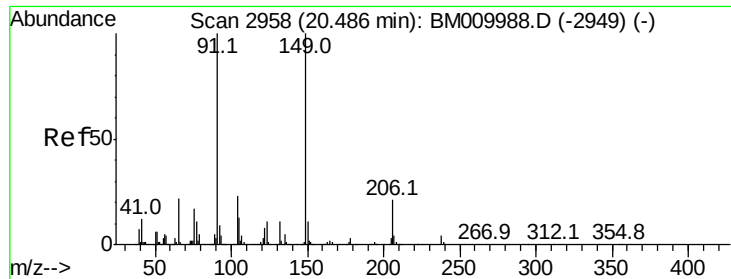
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



#78
Terphenyl-d14
Concen: 97.25 ng
RT: 19.80 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	8.7	6.2	9.4

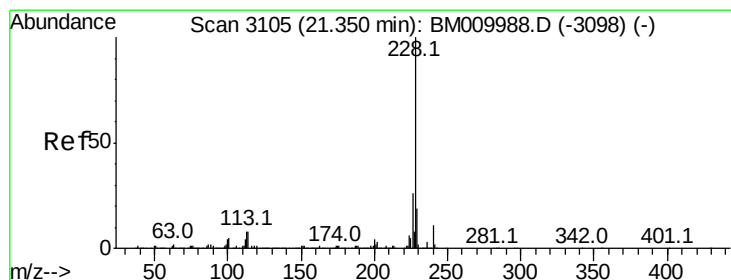
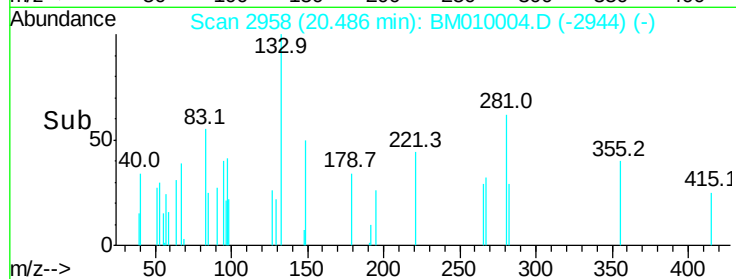
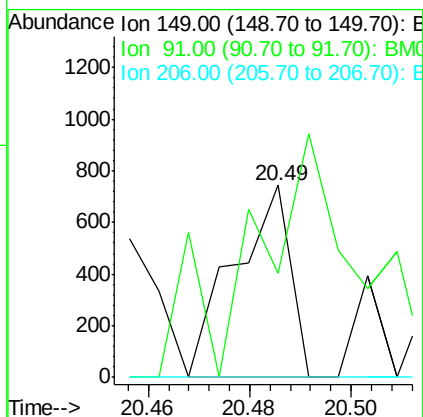
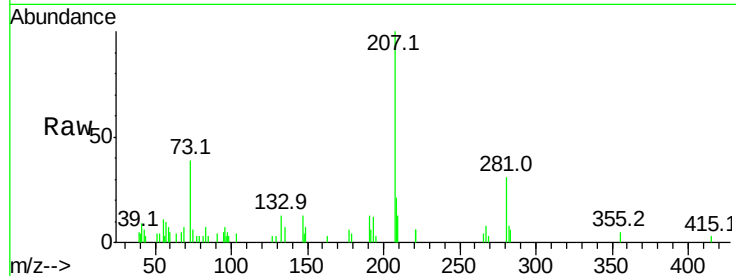




#79
Butylbenzylphthalate
Concen: 0.05 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

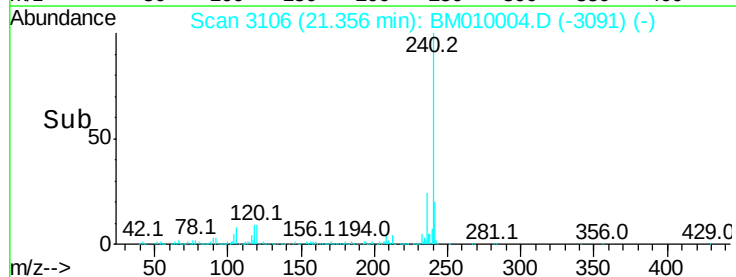
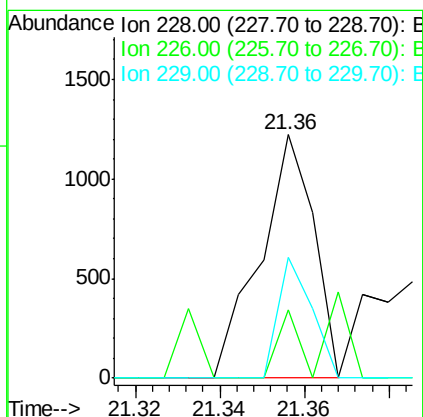
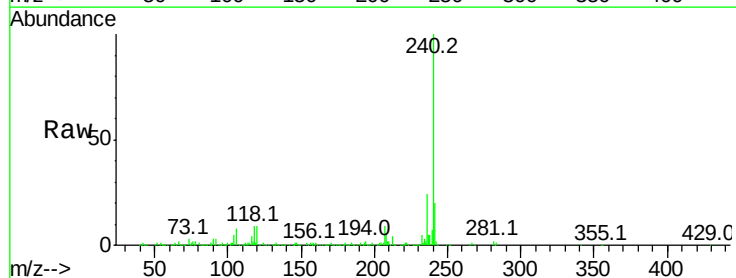
Instrument :
BNA_M
ClientSampled :

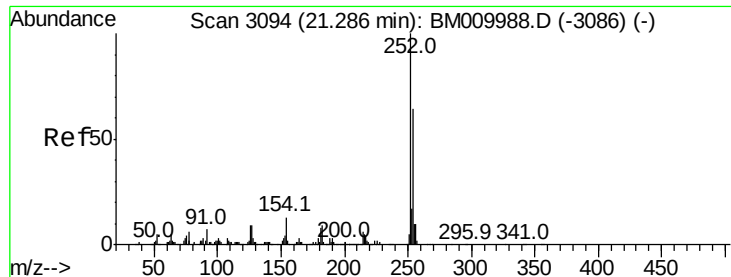
Tot Ion:149 Resp: 571
Ion Ratio Lower Upper
149 100
91 54.2 50.1 75.1
206 0.0 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM010004.D
Acq: 12 May 2017 02:54

Tgt Ion:228 Resp: 1081
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 49.7 16.0 24.0#

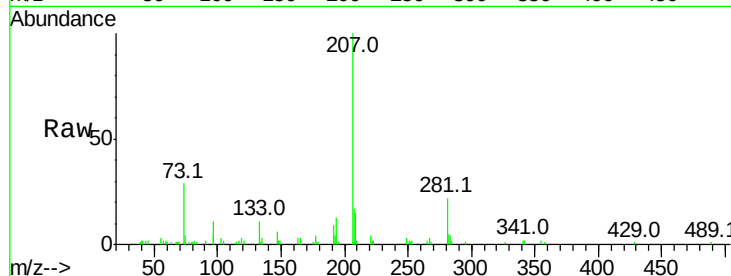




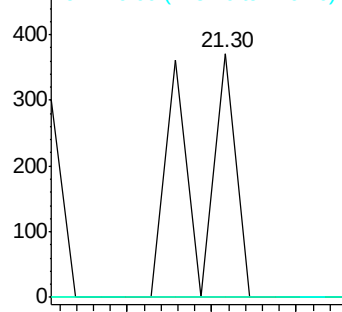
#81
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 21.30 min Scan# 3097
 Delta R.T. -0.00 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Instrument :
 BNA_M
 ClientSampled :

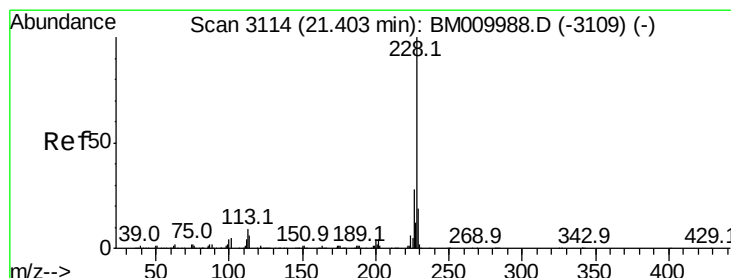
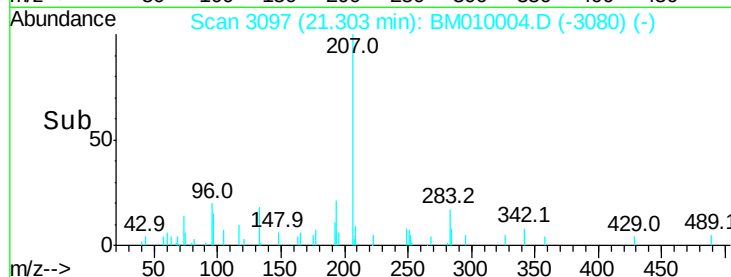
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	0.0	9.8	14.8#



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

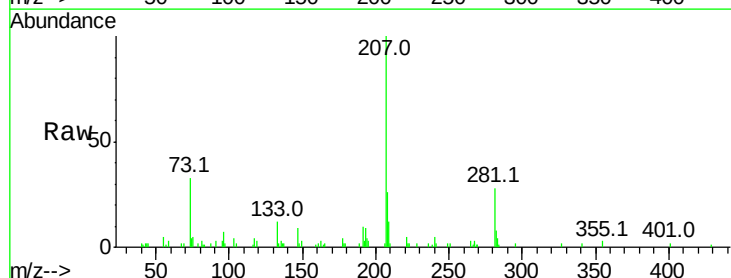


Time-->

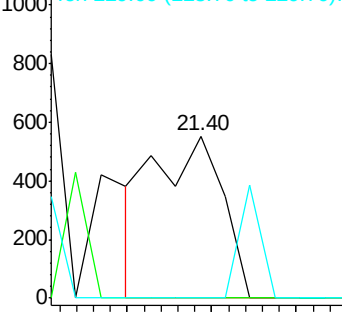


#82
 Chrysene
 Concen: 0.02 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

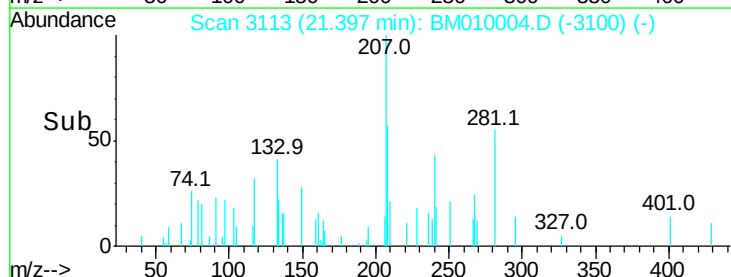
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#

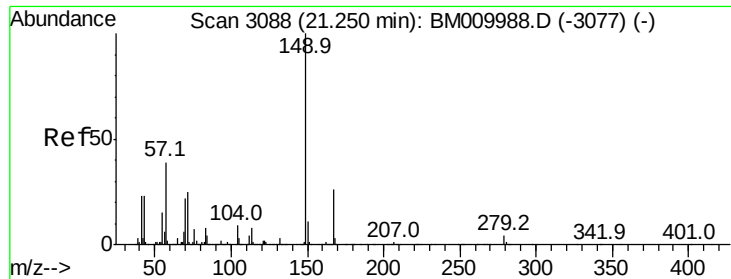


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

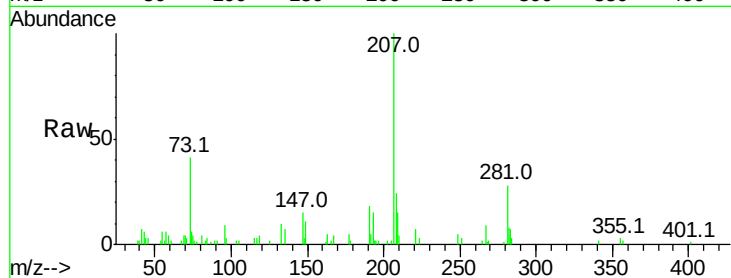
Tot Ion:149 Resp: 2859

Ion Ratio Lower Upper

149 100

167 32.5 22.4 33.6

279 13.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.24

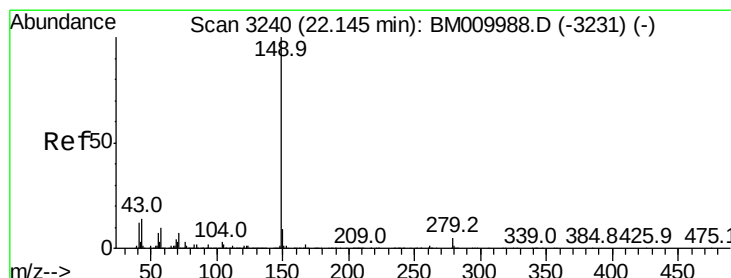
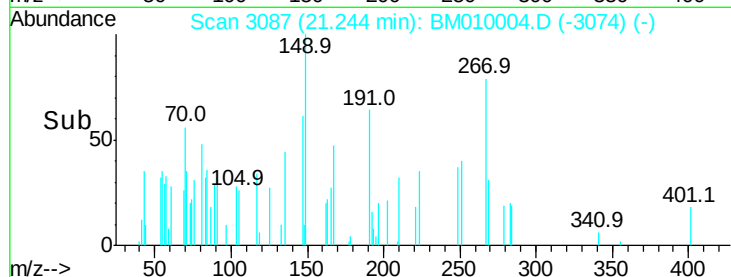
2000

1000

0

Time-->

21.20 21.25 21.30



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 22.13 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

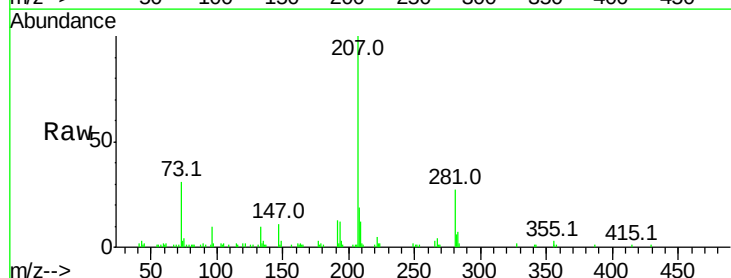
Tgt Ion:149 Resp: 207

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 144.0 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

22.13

1500

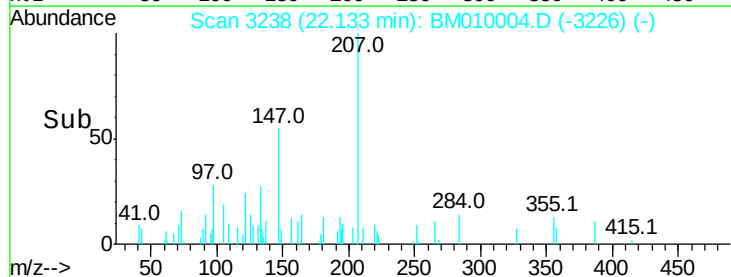
1000

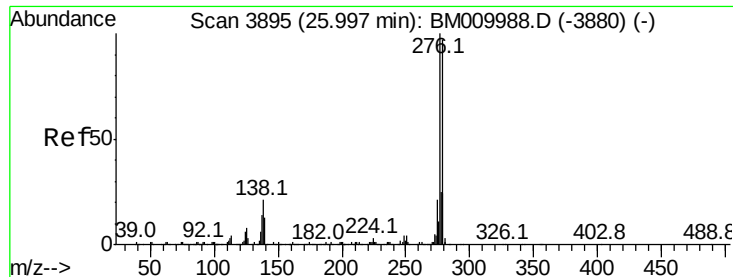
500

0

Time-->

22.12 22.13 22.14

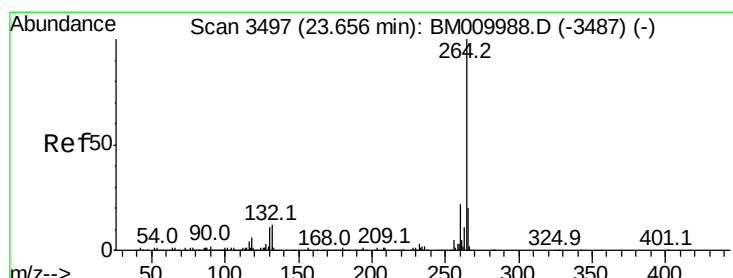
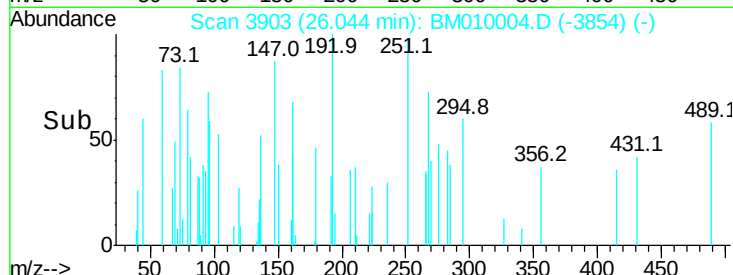
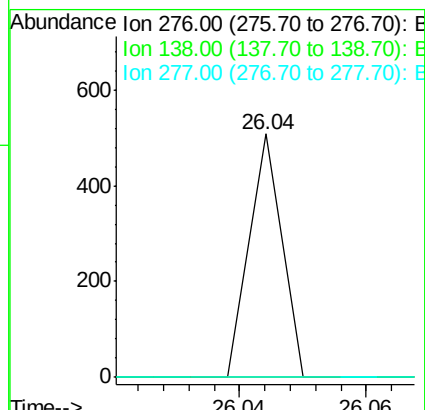
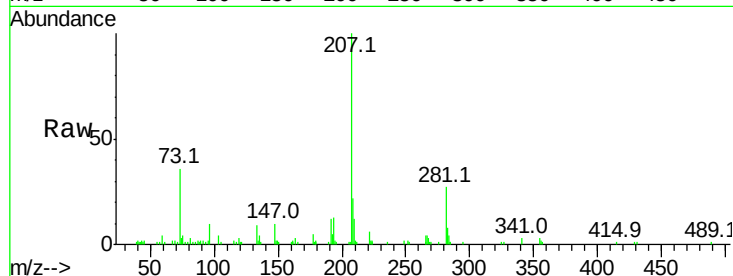




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 26.04 min Scan# 3903
 Delta R.T. -0.01 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

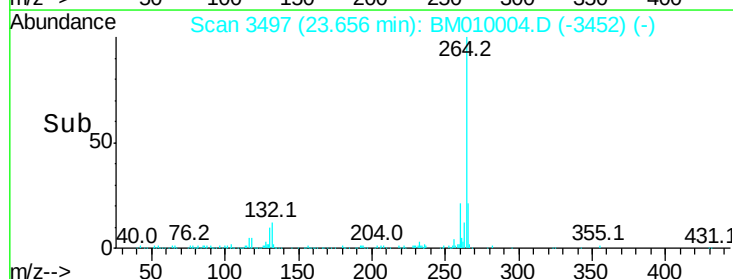
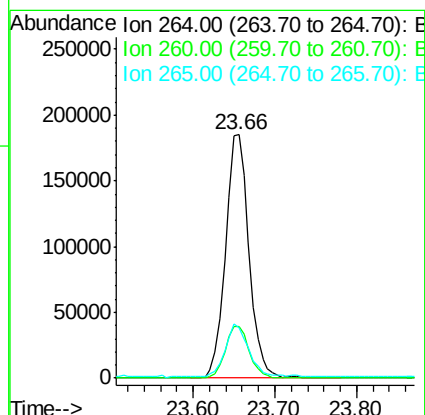
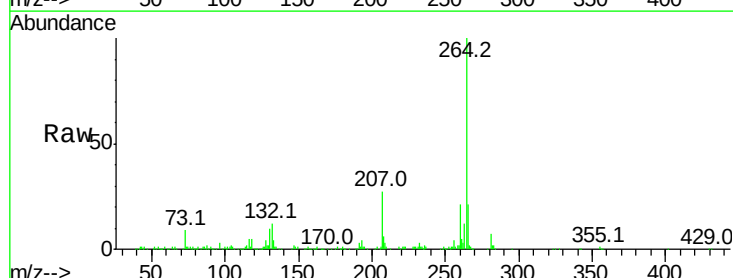
Instrument :
 BNA_M
 ClientSampled :

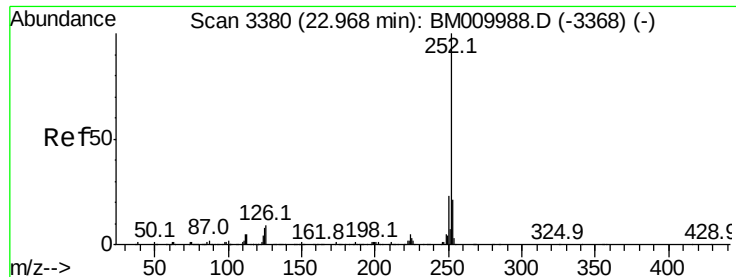
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3497
 Delta R.T. -0.04 min
 Lab File: BM010004.D
 Acq: 12 May 2017 02:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.9	18.6	27.8
265	20.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.06 min

Lab File: BM010004.D

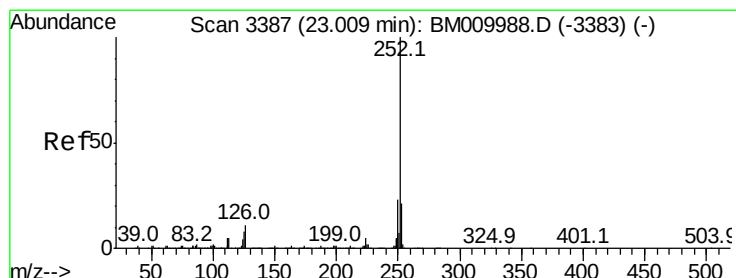
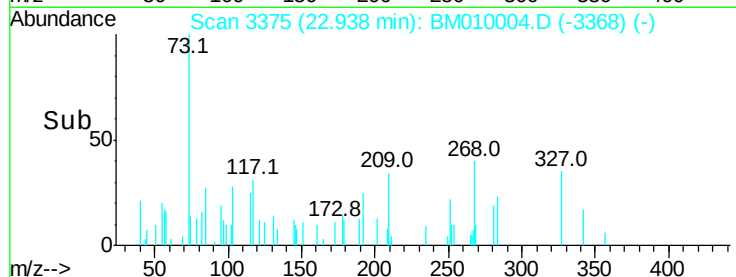
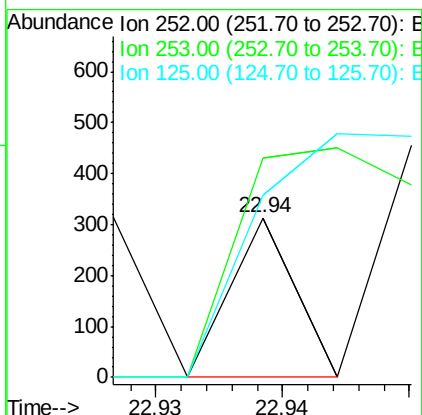
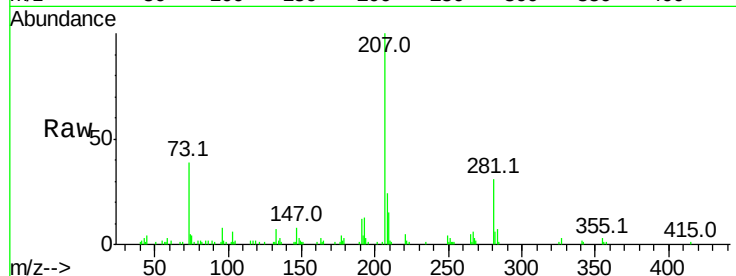
Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	110
Ion	Ratio	Lower	Upper
252	100		
253	57.9	18.0	27.0#
125	48.1	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 0.05 ng

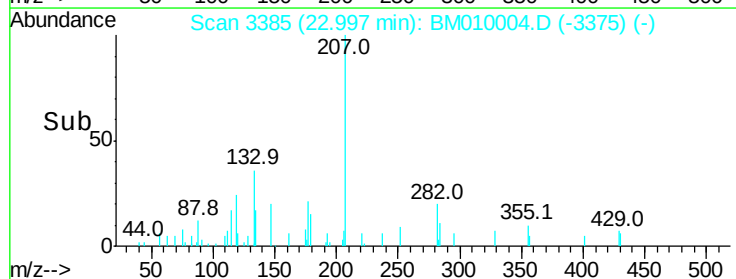
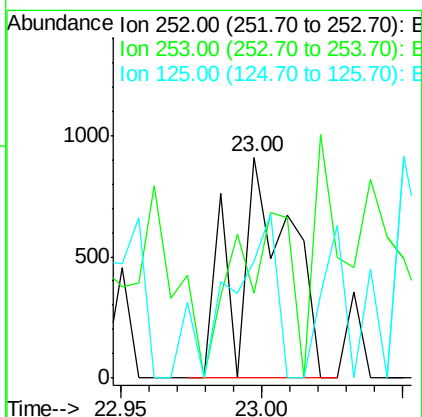
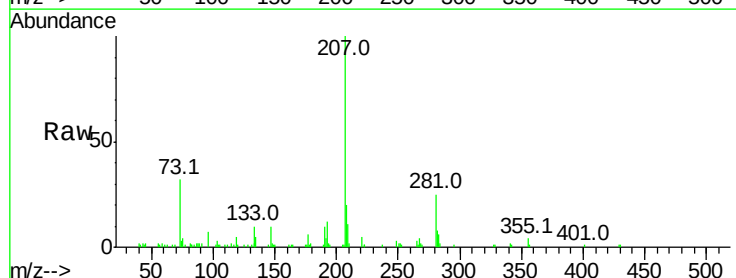
RT: 23.00 min Scan# 3385

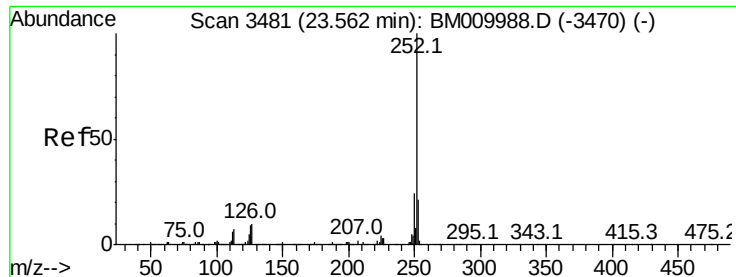
Delta R.T. -0.04 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Tgt Ion:	252	Resp:	1200
Ion	Ratio	Lower	Upper
252	100		
253	38.4	17.2	25.8#
125	53.0	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.04 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

Instrument :

BNA_M

ClientSampled :

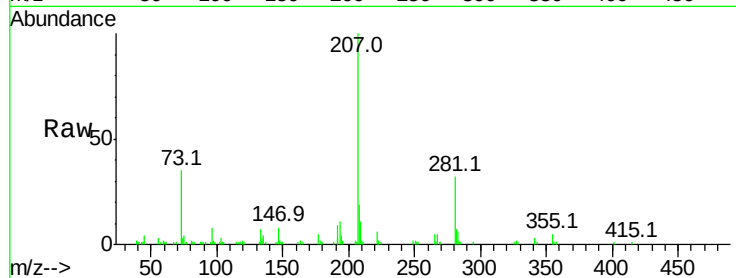
Tot Ion:252 Resp: 938

Ion Ratio Lower Upper

252 100

253 54.4 17.6 26.4#

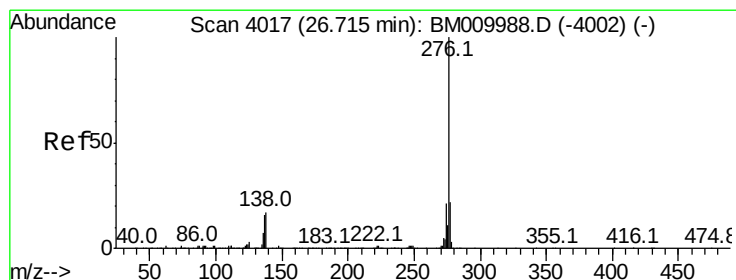
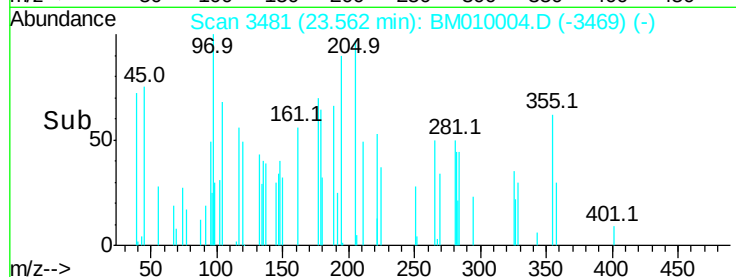
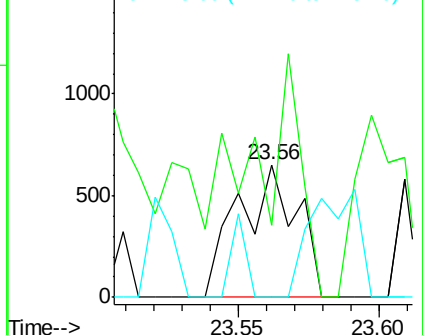
125 0.0 7.4 11.2#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 26.75 min Scan# 4023

Delta R.T. -0.03 min

Lab File: BM010004.D

Acq: 12 May 2017 02:54

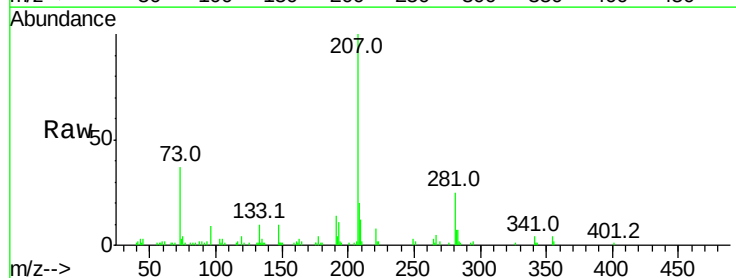
Tgt Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

