

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010076.D
 Acq On : 19 May 2017 19:27
 Operator : SJ/MA
 Sample : I3235-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 03:59:21 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	7.98	152	126	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.79
38) Acenaphthene-d10	14.60	164	705	20.00	ng	-0.01
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.35
75) Chrysene-d12	21.50	240	2023	20.00	ng	0.00
86) Perylene-d12	23.87	264	1919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	696867	99875.79	ng	0.00
7) Phenol-d6	7.16	99	547654	60998.46	ng	0.00
23) Nitrobenzene-d5	9.16	82	1269932	0.00	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	956666	89345.49	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	3327099	60669.46	ng	0.00
78) Terphenyl-d14	19.95	244	6111406	68690.78	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	7320	2283.28	ng	# 100
3) Pyridine	3.87	79	124	14.45	ng	# 1
4) n-Nitrosodimethylamine	3.80	42	1119	360.49	ng	# 1
6) Aniline	7.33	93	1276	114.71	ng	# 56
8) 2-Chlorophenol	7.55	128	116	15.28	ng	# 1
9) Benzaldehyde	7.16	77	3367	602.44	ng	# 2
10) Phenol	7.19	94	9320	985.03	ng	# 98
11) bis(2-Chloroethyl)ether	7.40	93	428	60.69	ng	# 23
14) 1,2-Dichlorobenzene	8.32	146	353	37.11	ng	# 1
15) Benzyl Alcohol	8.29	79	24818	3653.53	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.53	45	173	24.95	ng	# 66
19) n-Nitroso-di-n-propylamine	8.75	70	106	16.73	ng	# 37
20) 3+4-Methylphenols	8.76	107	136	14.96	ng	# 19
45) 1,1'-Biphenyl	13.44	154	3251	56.07	ng	# 84
47) 2-Nitroaniline	13.75	65	114	9.44	ng	# 1
49) Dimethylphthalate	14.07	163	100021	1590.50	ng	# 96
51) Acenaphthene	14.66	154	234	5.42	ng	# 70
54) Dibenzofuran	15.00	168	451	6.65	ng	# 48
55) 4-Nitrophenol	14.86	139	119	13.32	ng	# 1
57) Fluorene	15.67	166	917	15.54	ng	# 63
58) 2,3,4,6-Tetrachlorophenol	15.23	232	110	7.32	ng	# 100
59) Diethylphthalate	15.42	149	4748	79.86	ng	# 97
62) Azobenzene	15.94	77	446	10.20	ng	# 50
76) Benidine	19.59	184	123	3.30	ng	# 1
77) Pyrene	19.76	202	1972	18.18	ng	# 61
79) Butylbenzylphthalate	20.64	149	3086	76.86	ng	# 86
80) Benzo(a)anthracene	21.50	228	3148	28.24	ng	# 40
81) 3,3'-Dichlorobenzidine	21.46	252	463	10.32	ng	# 53
82) Chrysene	21.50	228	3148	29.77	ng	# 44
83) Bis(2-ethylhexyl)phthalate	21.38	149	14708	244.96	ng	# 86
84) Di-n-octyl phthalate	22.30	149	1159	10.78	ng	# 13
85) Indeno(1,2,3-cd)pyrene	26.30	276	3657	23.58	ng	# 100
87) Benzo(b)fluoranthene	23.14	252	1077	9.59	ng	# 1
88) Benzo(k)fluoranthene	23.20	252	2275	20.68	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

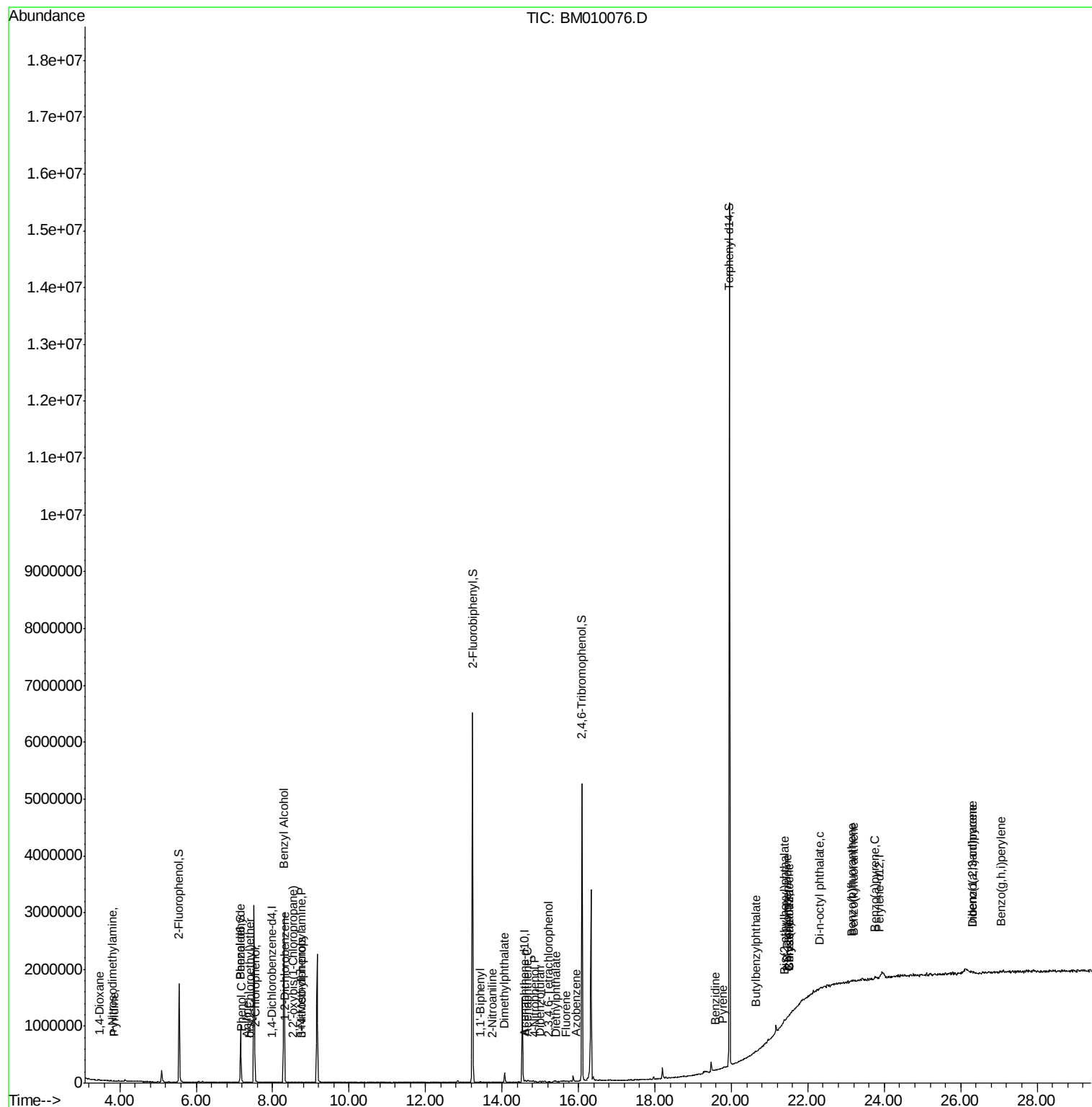
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.77	252	1292	12.07	ng	# 1
90) Dibenzo(a,h)anthracene	26.30	278	6124	51.17	ng	# 1
91) Benzo(g,h,i)perylene	27.04	276	5933	50.60	ng	# 59

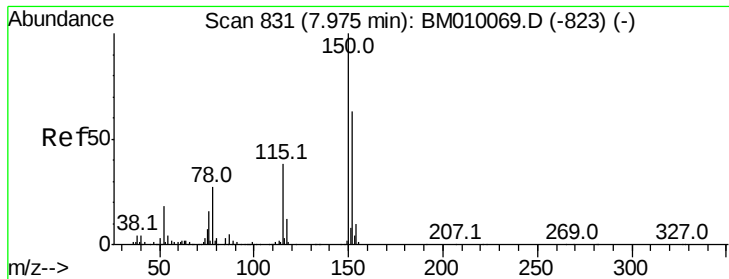
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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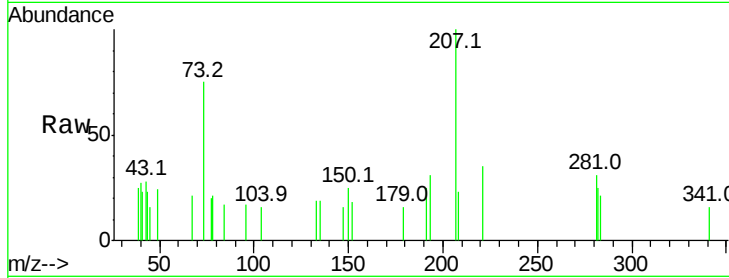


#1

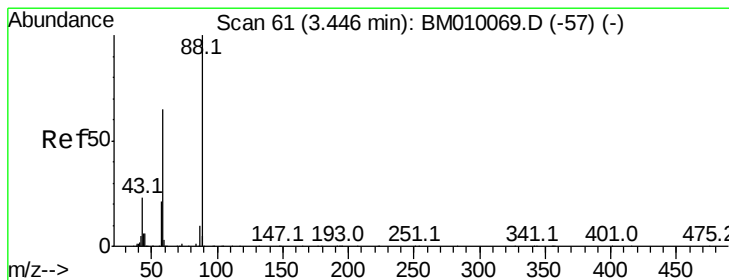
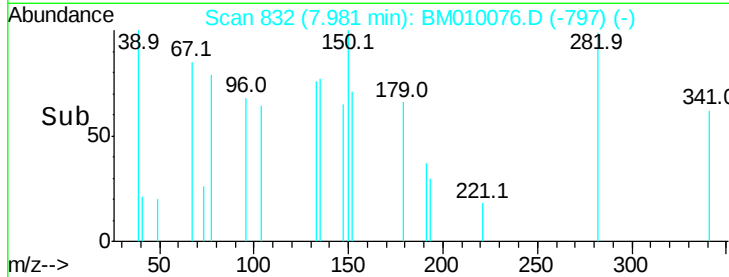
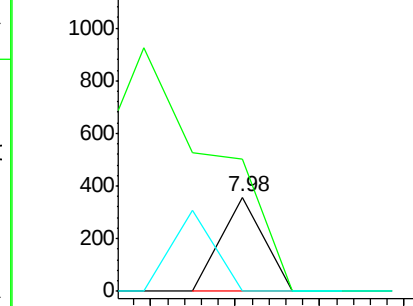
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 126
Ion Ratio Lower Upper
152 100
150 139.9 119.5 179.3
115 0.0 43.0 64.4#



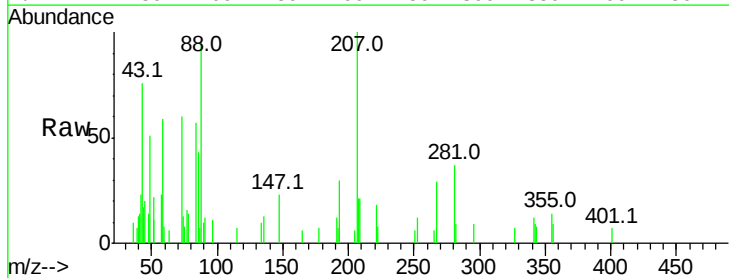
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



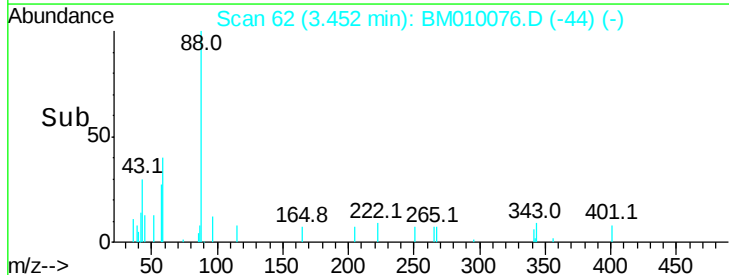
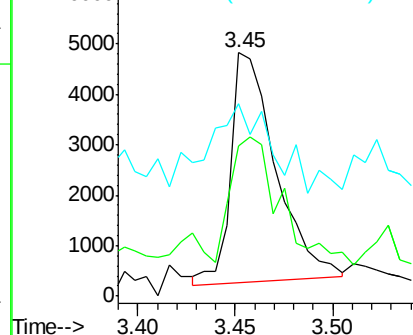
#2

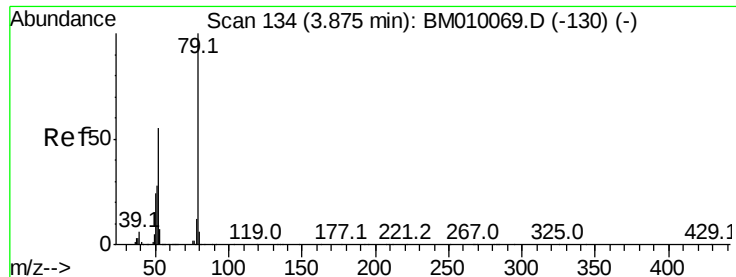
1,4-Dioxane
Concen: 2283.28 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion: 88 Resp: 7320
Ion Ratio Lower Upper
88 100
58 62.1 0.0 0.0#
43 49.1 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: 14.45 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

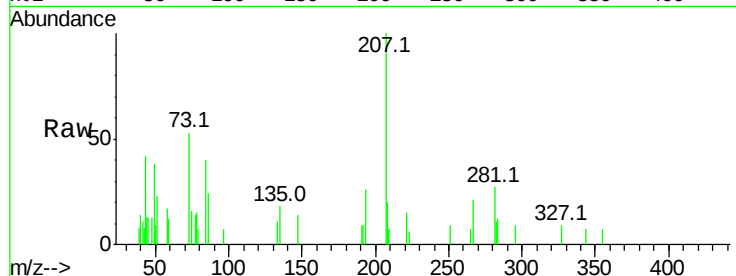
Tot Ion: 79 Resp: 124

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

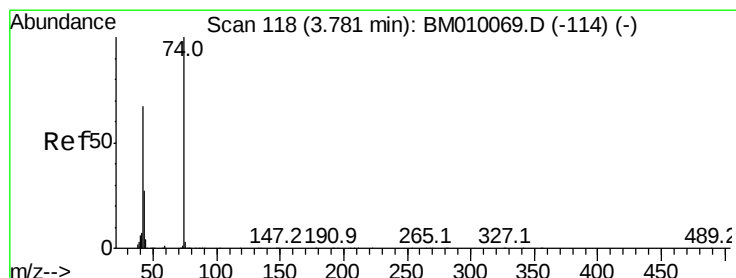
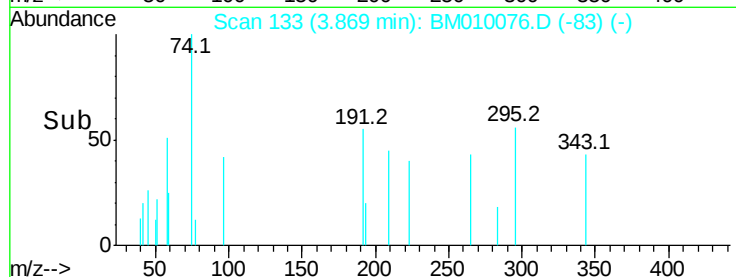
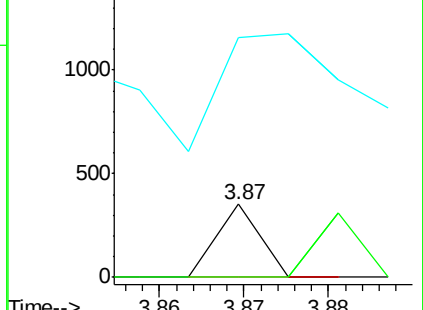
51 328.1 26.1 39.1#



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

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

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



#4

n-Nitrosodimethylamine

Concen: 360.49 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.02 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

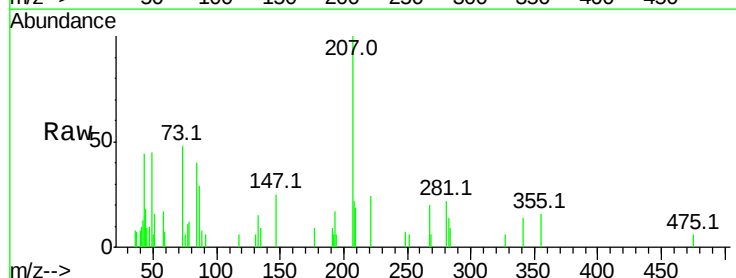
Tgt Ion: 42 Resp: 1119

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

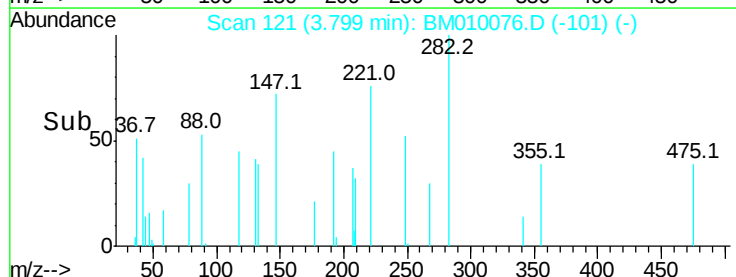
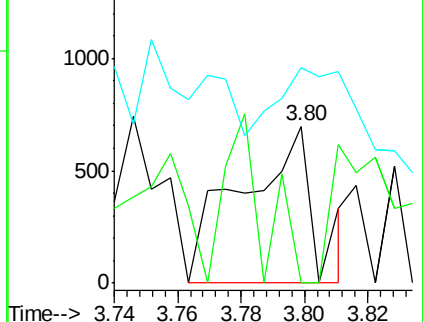
44 137.4 5.4 8.2#

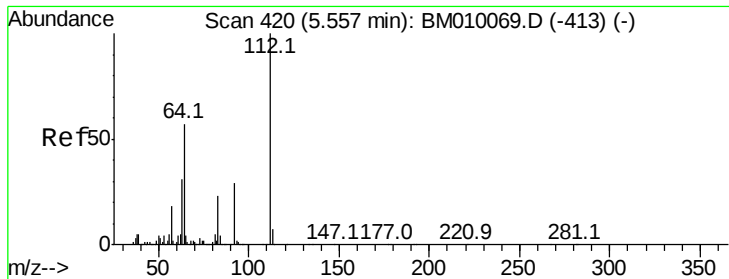


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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

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





#5

2-Fluorophenol

Concen: 99875.79 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

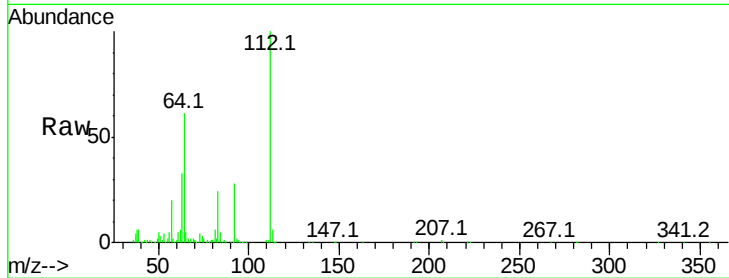
Tot Ion:112 Resp: 696867

Ion Ratio Lower Upper

112 100

64 60.7 38.6 57.8#

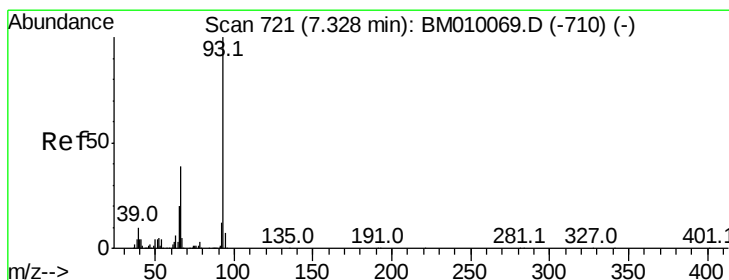
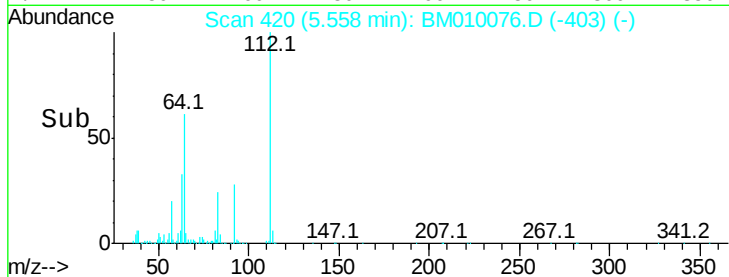
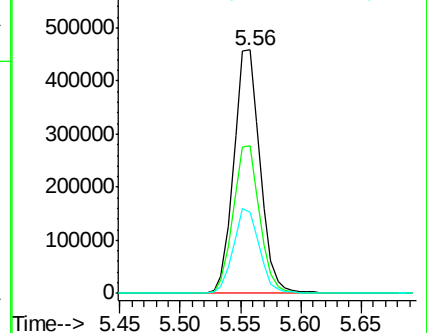
63 33.1 19.3 28.9#



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



#6

Aniline

Concen: 114.71 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

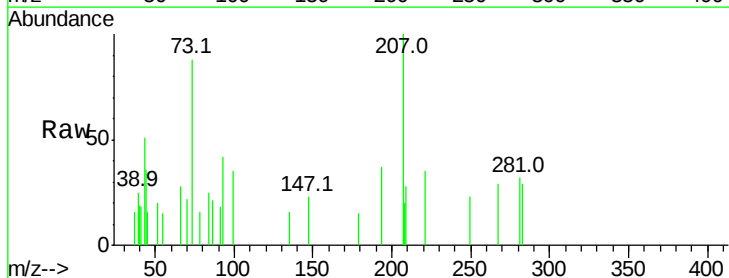
Tgt Ion: 93 Resp: 1276

Ion Ratio Lower Upper

93 100

66 65.2 30.8 46.2#

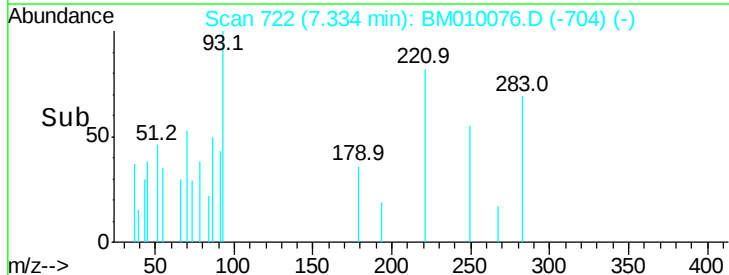
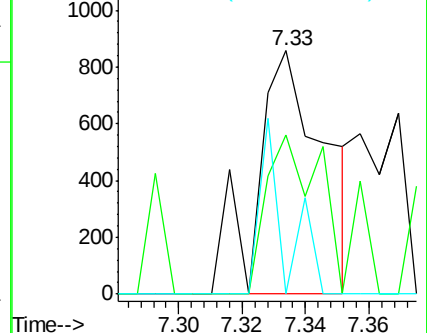
65 0.0 16.0 24.0#

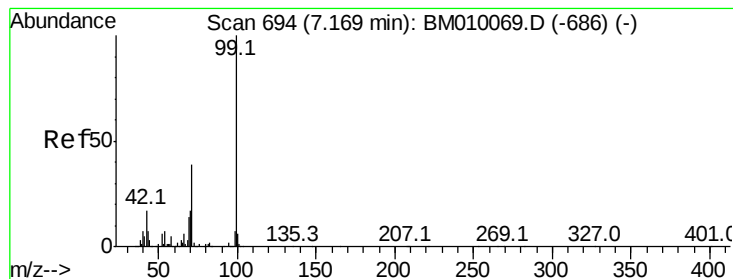


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 60998.46 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

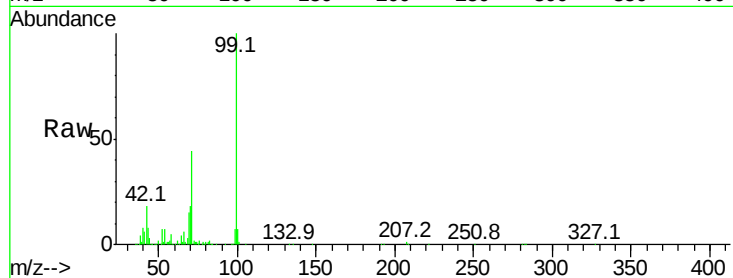
Tot Ion: 99 Resp: 547654

Ion Ratio Lower Upper

99 100

42 18.1 11.0 16.4#

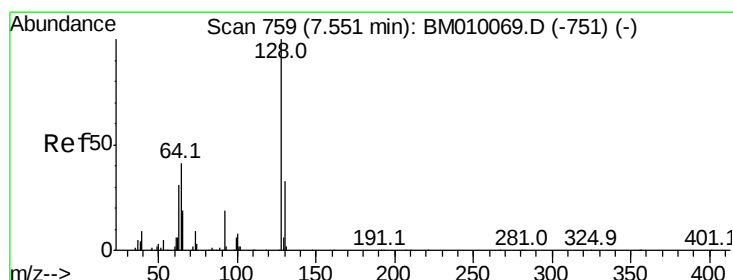
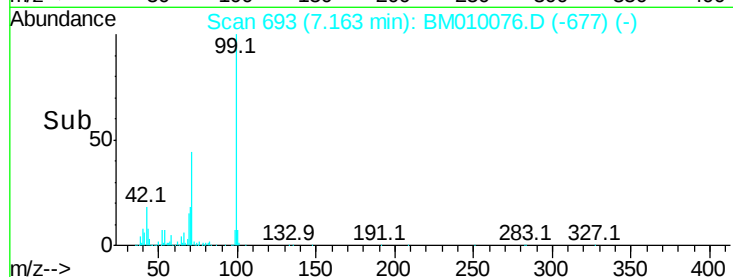
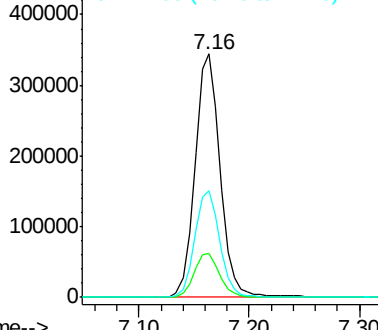
71 43.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 15.28 ng

RT: 7.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

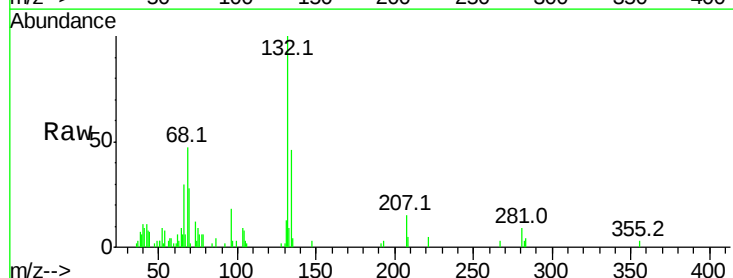
Tgt Ion: 128 Resp: 116

Ion Ratio Lower Upper

128 100

130 108.2 12.0 52.0#

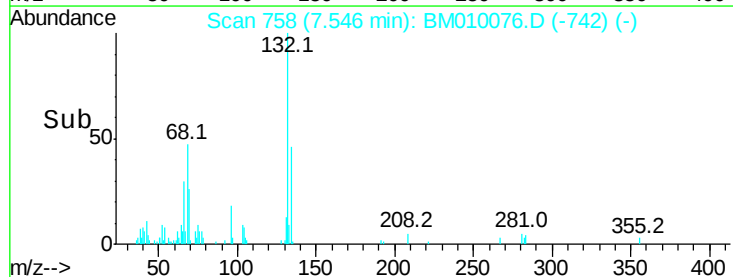
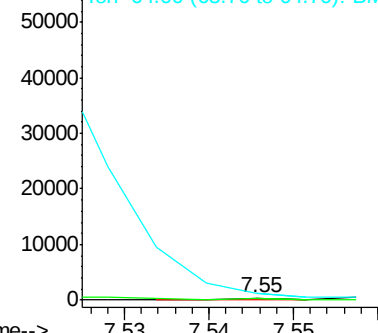
64 401.8 24.9 64.9#

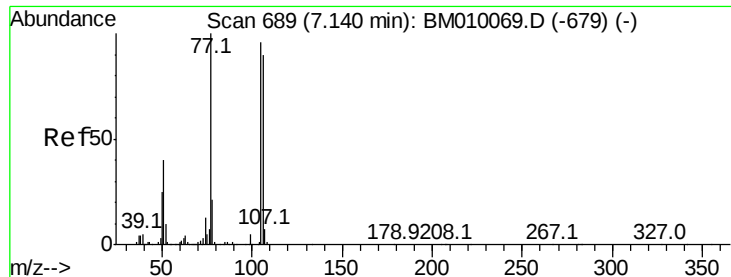


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 602.44 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.02 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

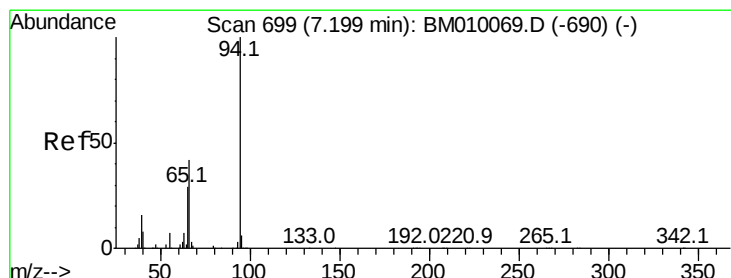
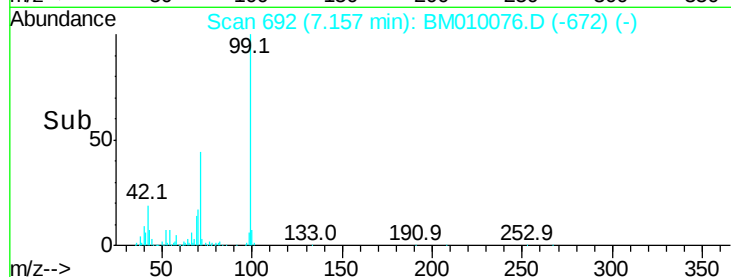
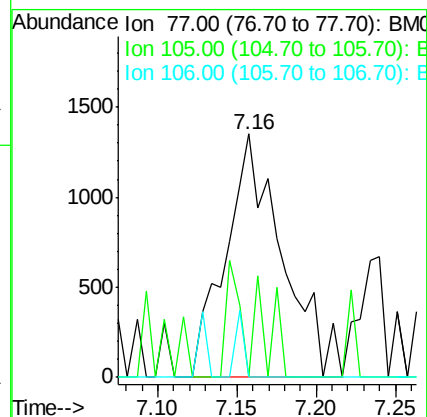
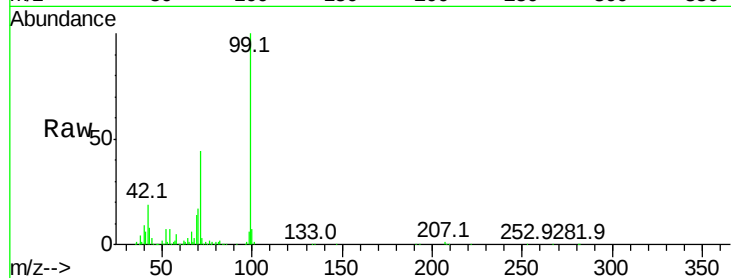
Tot Ion: 77 Resp: 3367

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 985.03 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

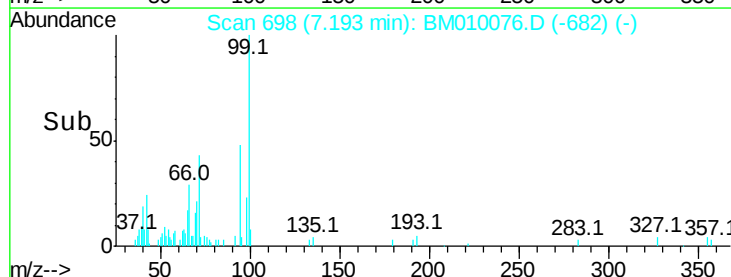
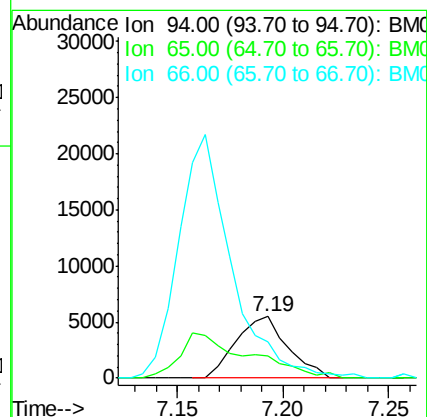
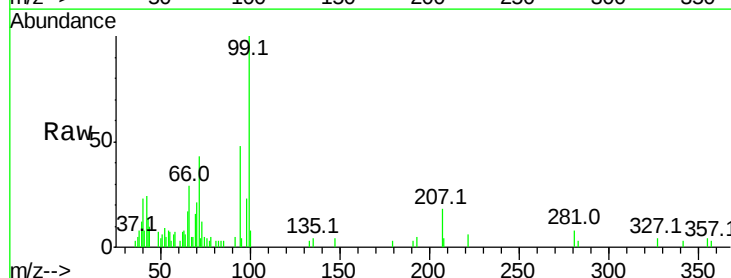
Tgt Ion: 94 Resp: 9320

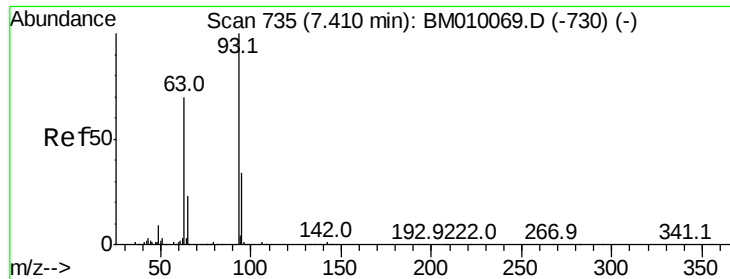
Ion Ratio Lower Upper

94 100

65 36.0 18.8 58.8

66 59.6 39.9 79.9

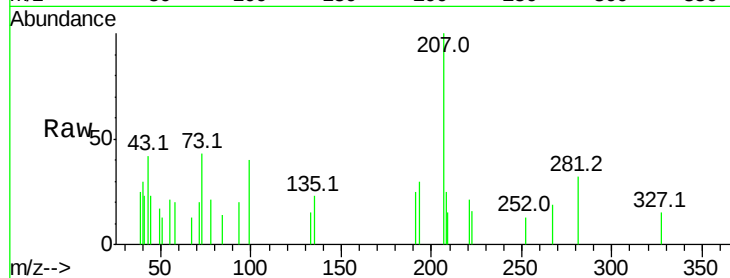




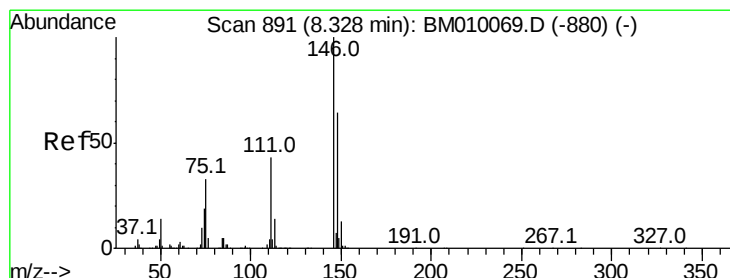
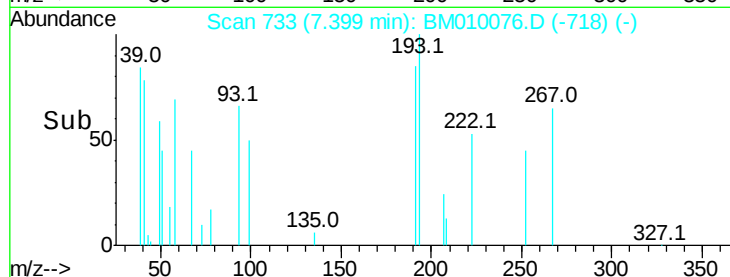
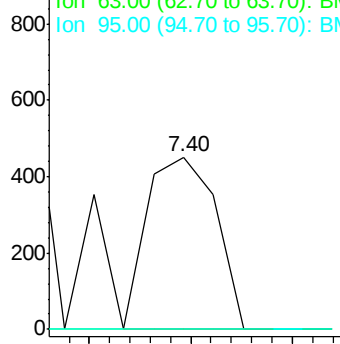
#11
bis(2-Chloroethyl)ether
Concen: 60.69 ng
RT: 7.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 428
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#

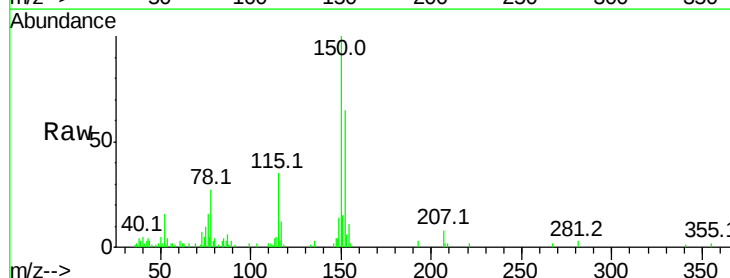


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

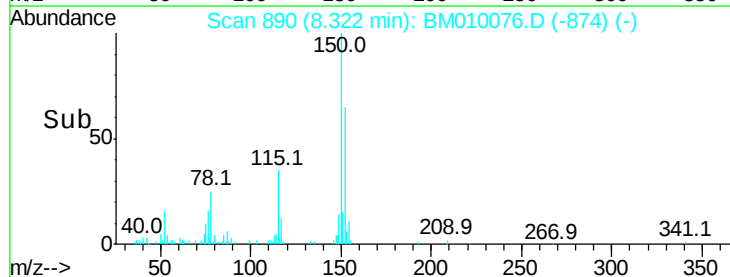
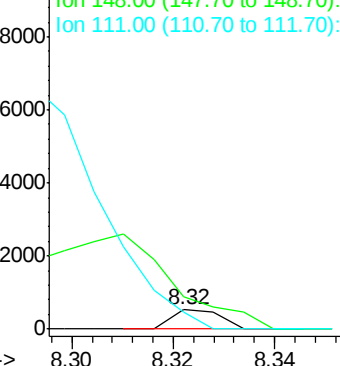


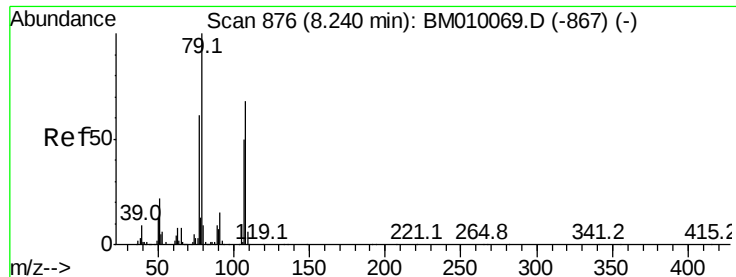
#14
1,2-Dichlorobenzene
Concen: 37.11 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion: 146 Resp: 353
Ion Ratio Lower Upper
146 100
148 170.4 52.3 78.5#
111 89.2 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: 3653.53 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.05 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

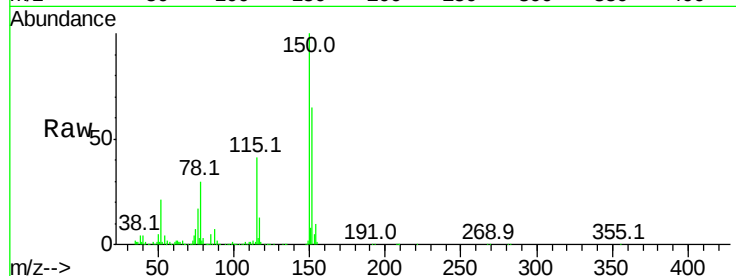
Tot Ion: 79 Resp: 24818

Ion Ratio Lower Upper

79 100

108 44.6 65.0 97.4#

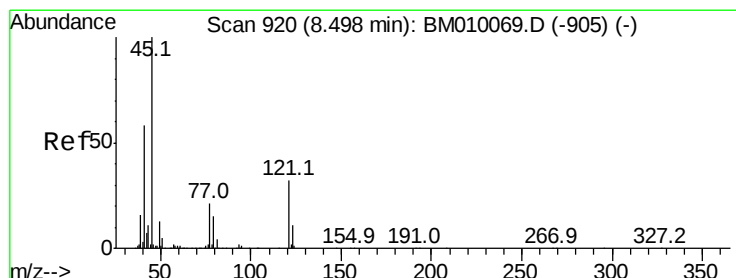
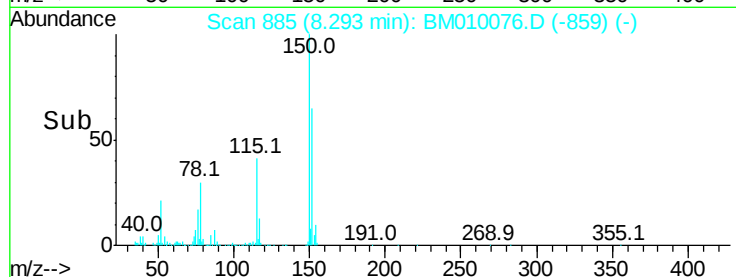
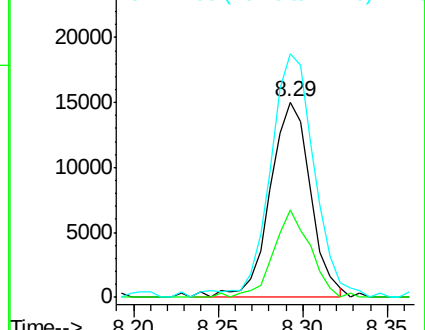
77 124.7 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010076.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010076.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010076.D (-867) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.95 ng

RT: 8.53 min Scan# 926

Delta R.T. 0.04 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

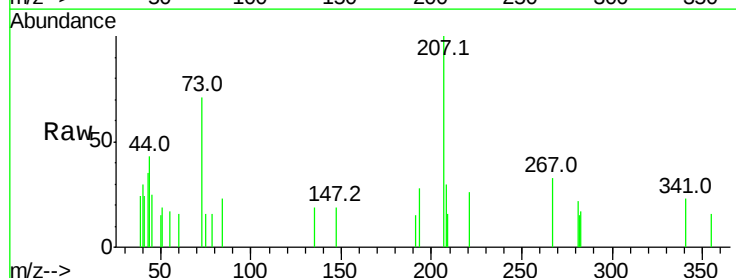
Tgt Ion: 45 Resp: 173

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

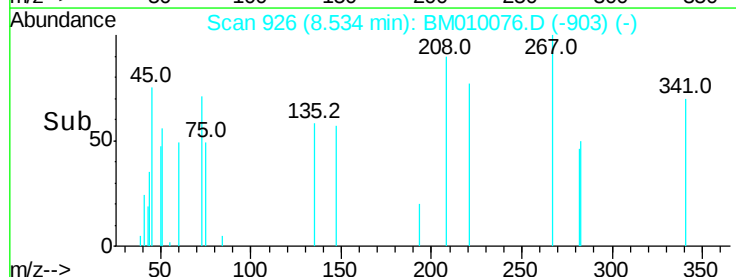
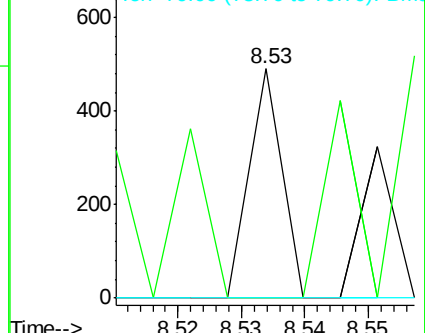
79 0.0 0.0 32.0

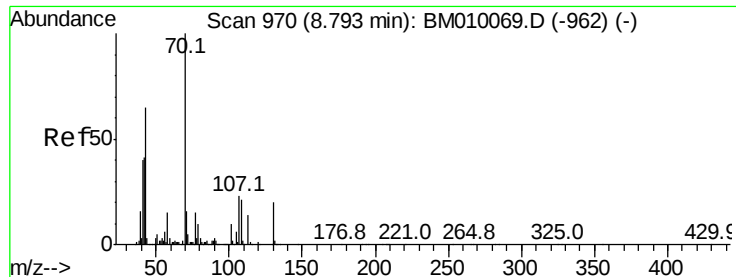


Abundance Ion 45.00 (44.70 to 45.70): BM010069.D (-905) (-)

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

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





#19

n-Nitroso-di-n-propylamine

Concen: 16.73 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.05 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 106

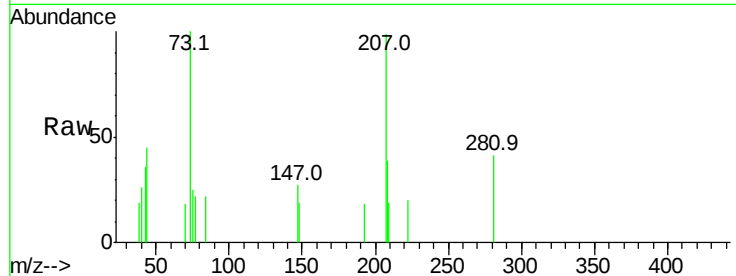
Ion Ratio Lower Upper

70 100

42 0.0 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

600

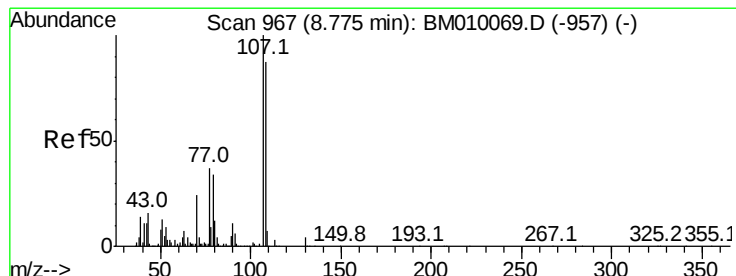
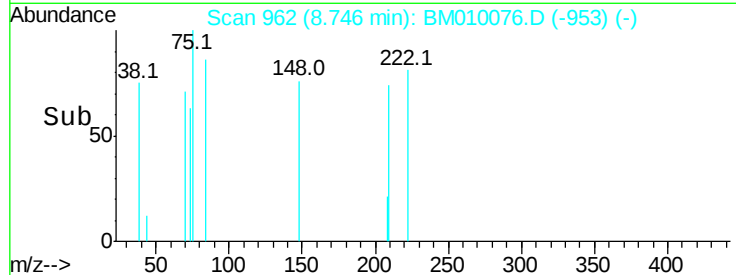
400

200

0

8.73 8.74 8.75 8.76

Time-->



#20

3+4-Methylphenols

Concen: 14.96 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Tgt Ion: 107 Resp: 136

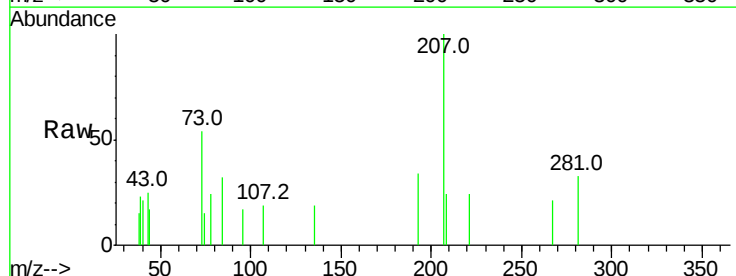
Ion Ratio Lower Upper

107 100

108 0.0 73.2 113.2#

77 0.0 10.7 50.7#

79 0.0 9.6 49.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

800

600

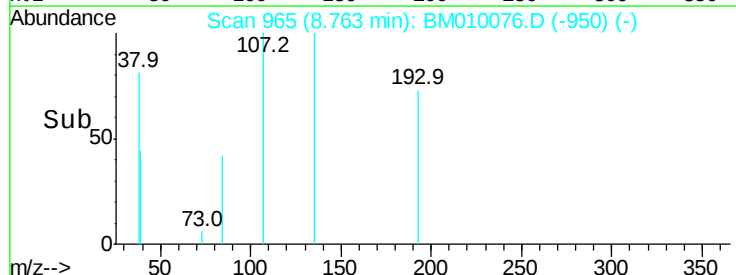
400

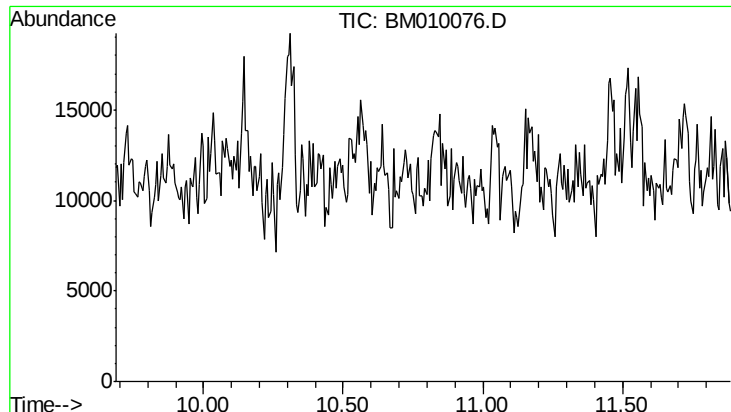
200

0

8.74 8.75 8.76 8.77 8.78

Time-->

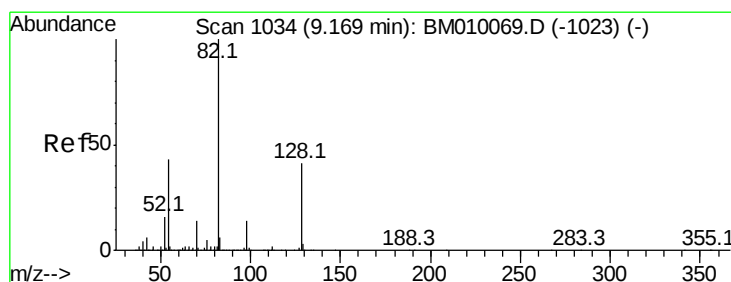
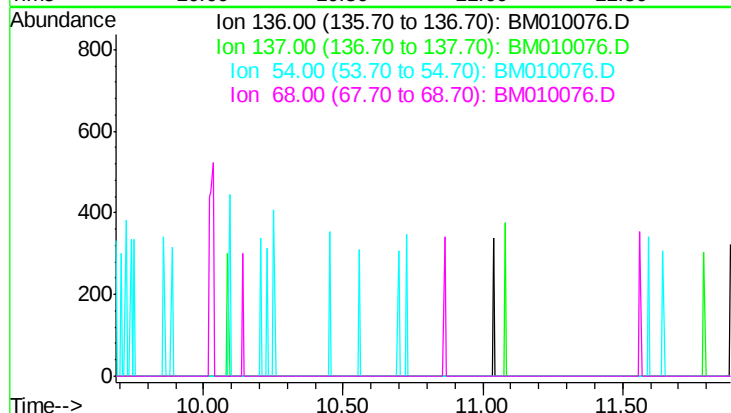




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 10.79 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

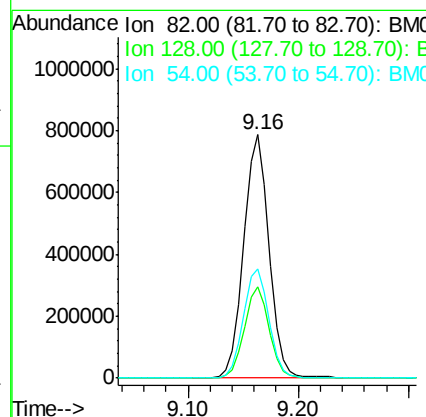
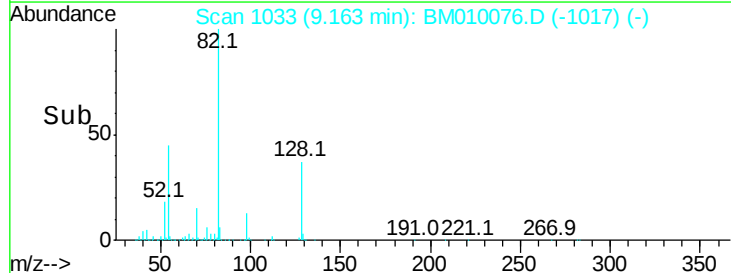
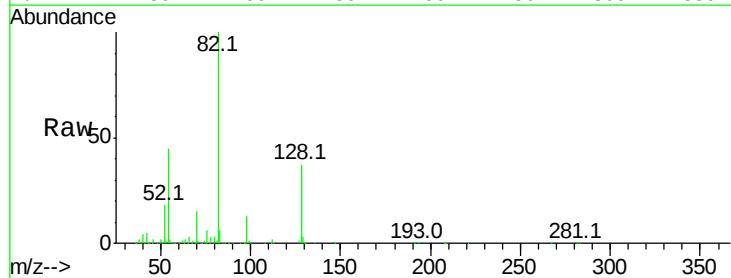
Instrument :
BNA_M
ClientSampleId :

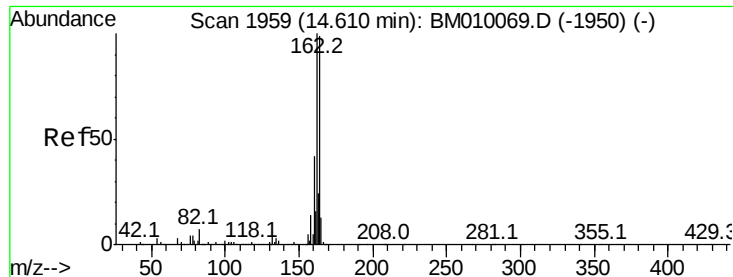
Tot Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 5.7
68 4.6



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion: 82 Resp: 1269932
Ion Ratio Lower Upper
82 100
128 37.4 32.8 49.2
54 44.9 40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

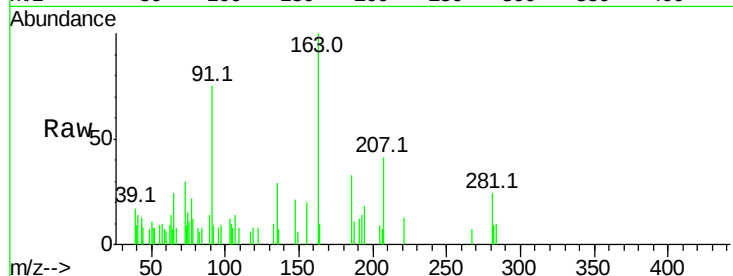
Tot Ion:164 Resp: 705

Ion Ratio Lower Upper

164 100

162 0.0 82.4 123.6#

160 0.0 35.8 53.6#

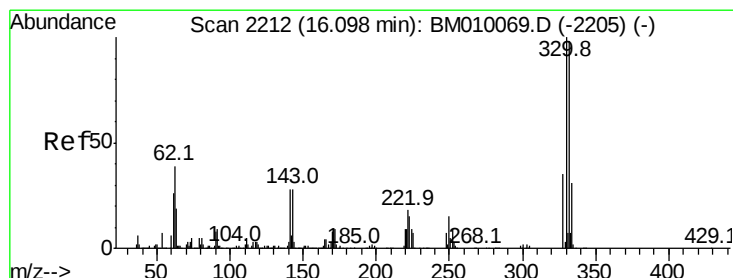
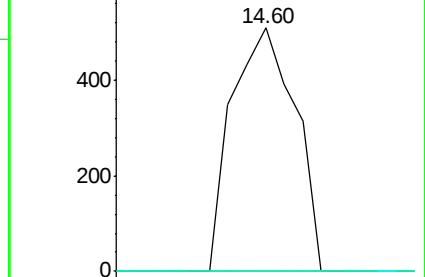
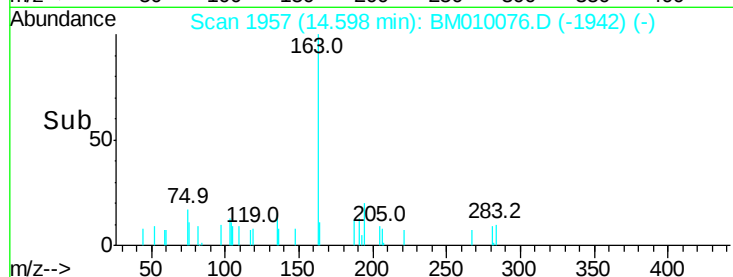


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.60



#41

2,4,6-Tribromophenol

Concen: 89345.49 ng

RT: 16.10 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

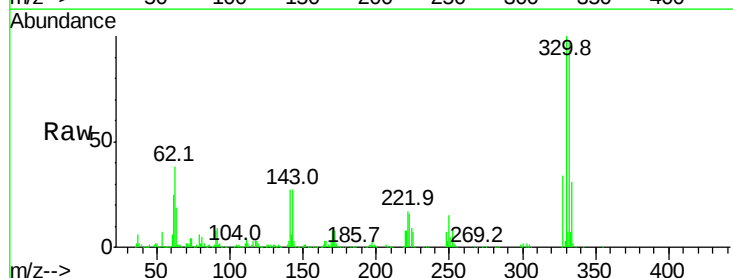
Tgt Ion:330 Resp: 956666

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

141 30.1 0.0 0.0#

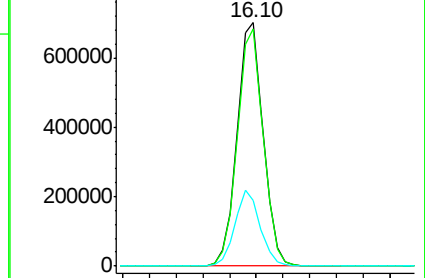
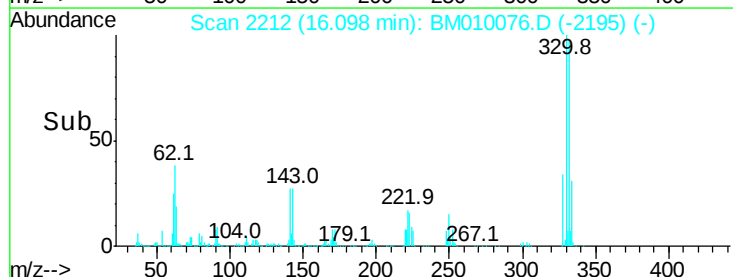


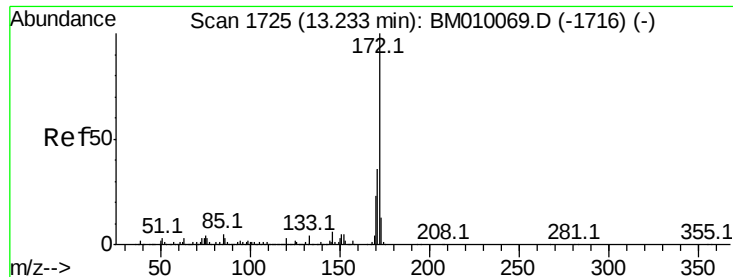
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.10

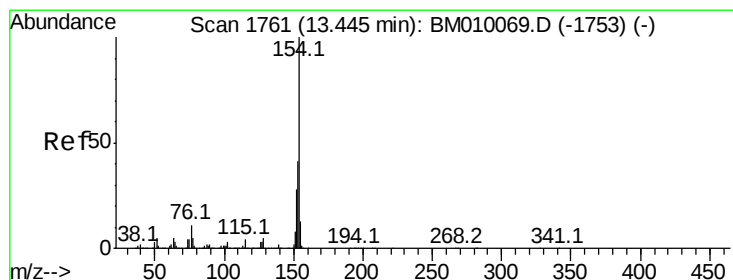
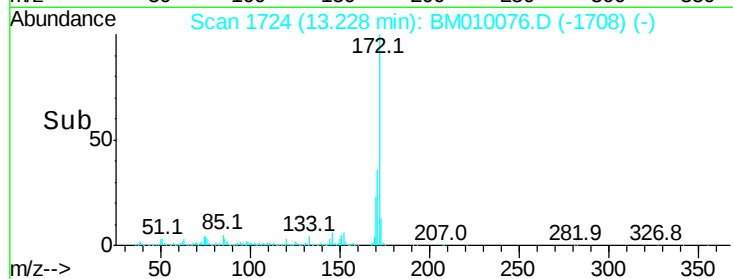
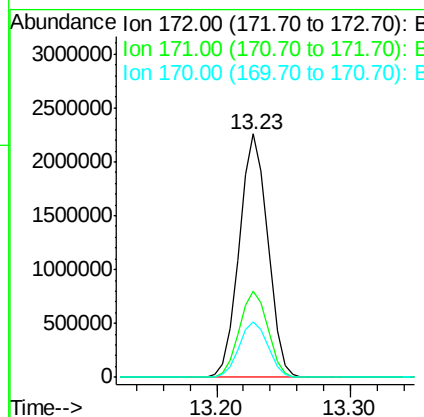
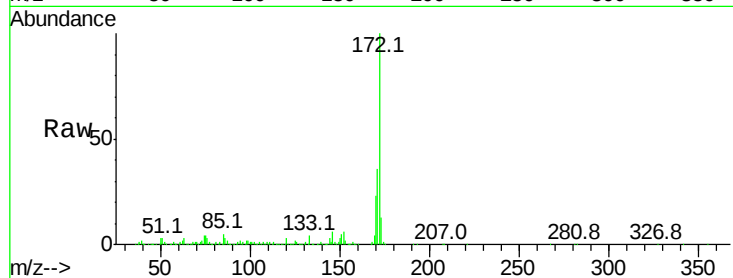




#44
2-Fluorobiphenyl
Concen: 60669.46 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

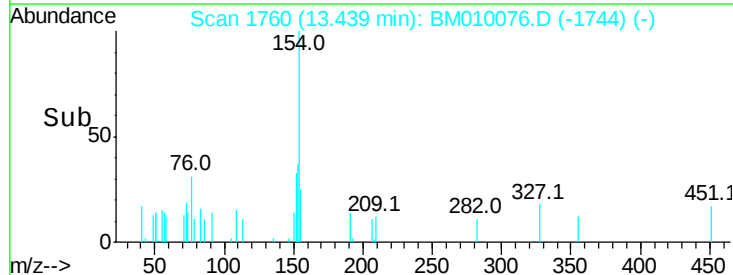
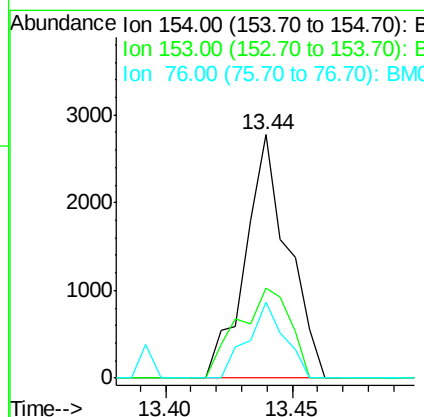
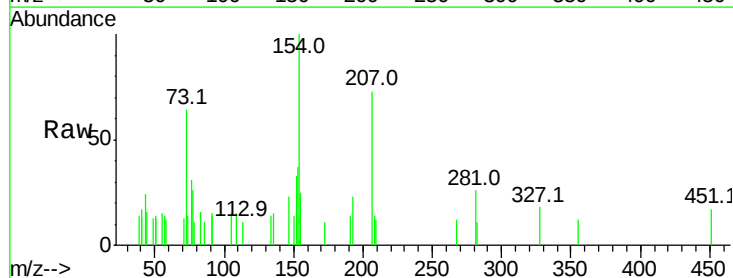
Instrument :
BNA_M
ClientSampleId :

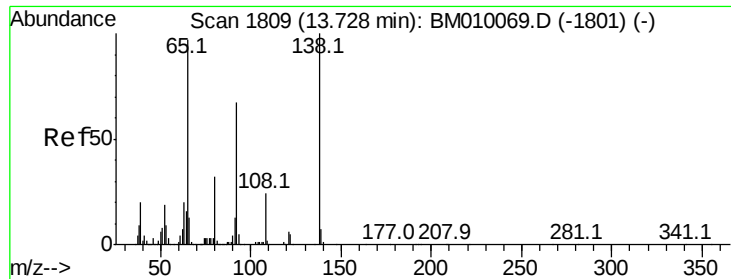
Tot Ion:172 Resp: 3327099
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.9 18.8 28.2



#45
1,1'-Biphenyl
Concen: 56.07 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion:154 Resp: 3251
Ion Ratio Lower Upper
154 100
153 37.2 20.7 60.7
76 31.0 0.0 30.9#

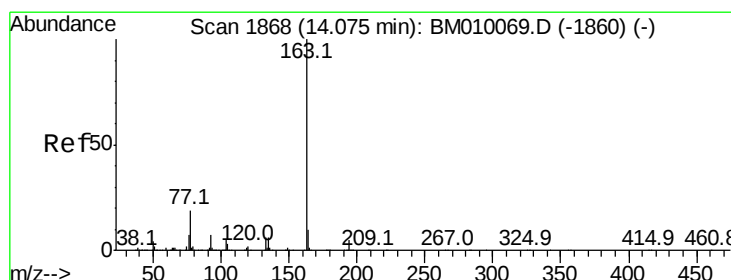
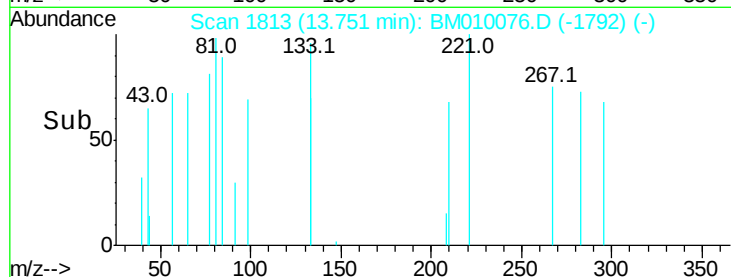
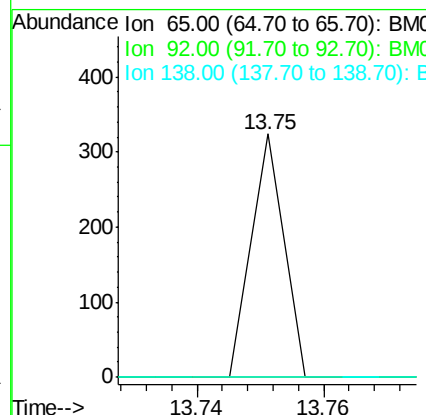
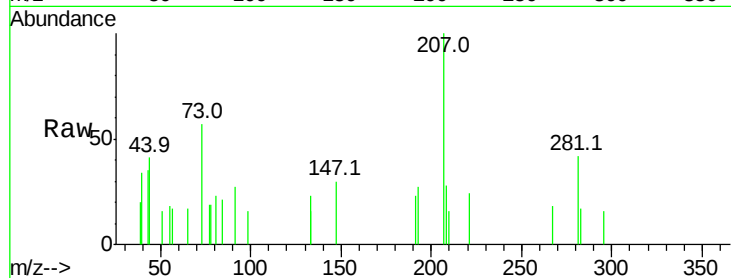




#47
2-Nitroaniline
Concen: 9.44 ng
RT: 13.75 min Scan# 1813
Delta R.T. 0.02 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

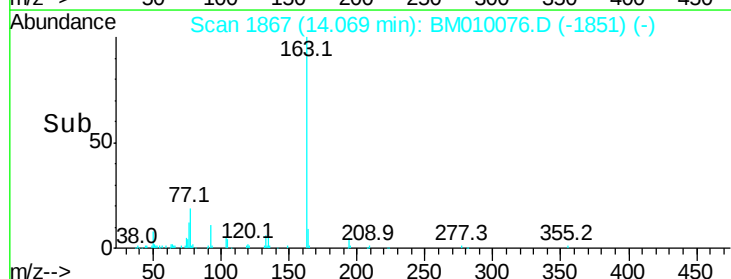
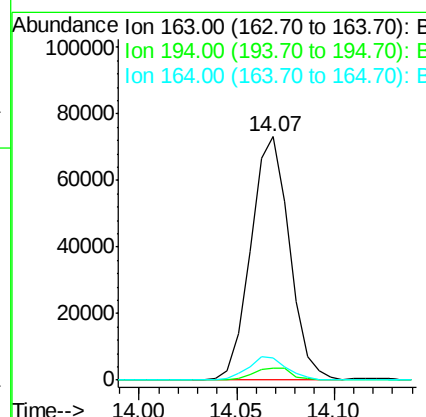
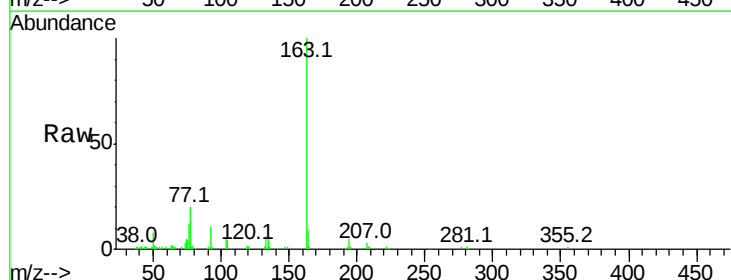
Instrument :
BNA_M
ClientSampleId :

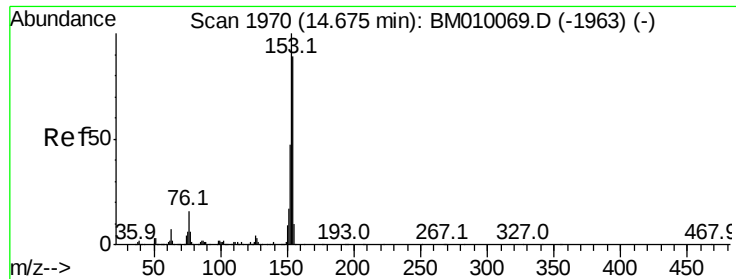
Tot Ion: 65 Resp: 114
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



#49
Dimethylphthalate
Concen: 1590.50 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion:163 Resp: 100021
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 8.9 8.2 12.2





#51

Acenaphthene

Concen: 5.42 ng

RT: 14.66 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

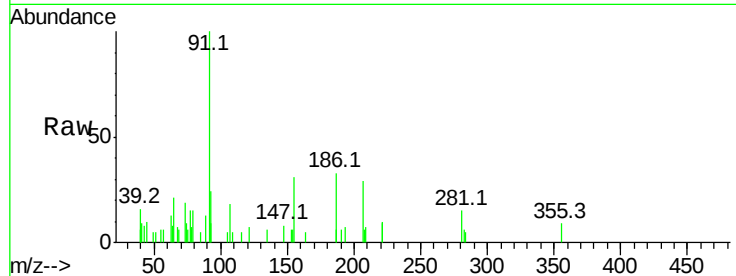
Tot Ion:154 Resp: 234

Ion Ratio Lower Upper

154 100

153 102.9 90.0 135.0

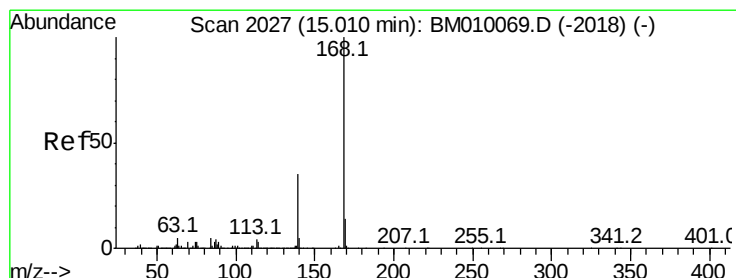
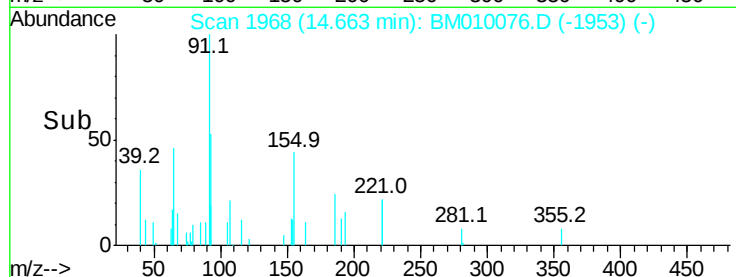
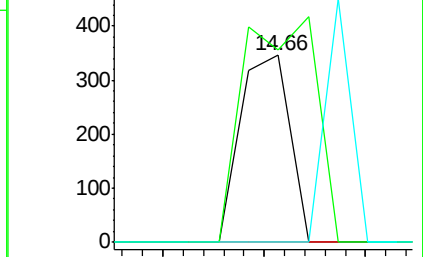
152 0.0 42.6 63.8#



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



#54

Dibenzofuran

Concen: 6.65 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

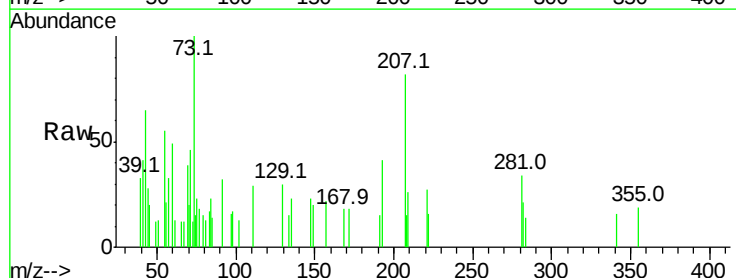
Tgt Ion:168 Resp: 451

Ion Ratio Lower Upper

168 100

139 0.0 27.3 40.9#

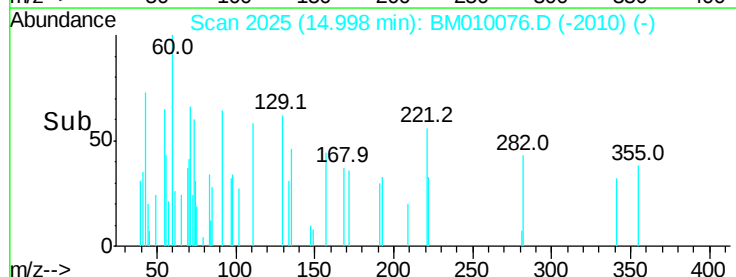
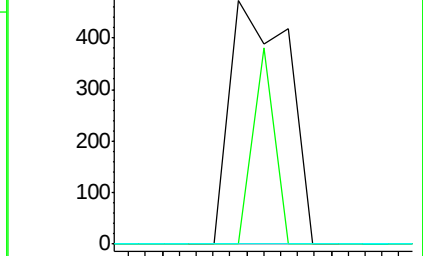
169 0.0 10.6 16.0#

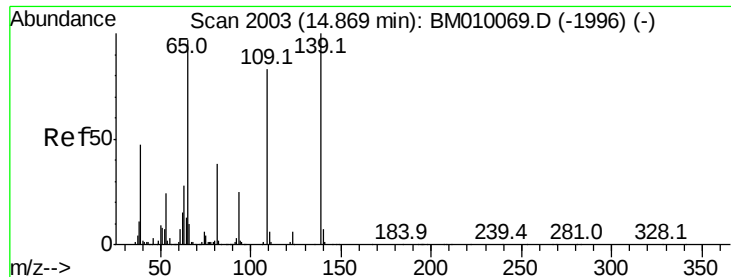


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 13.32 ng

RT: 14.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

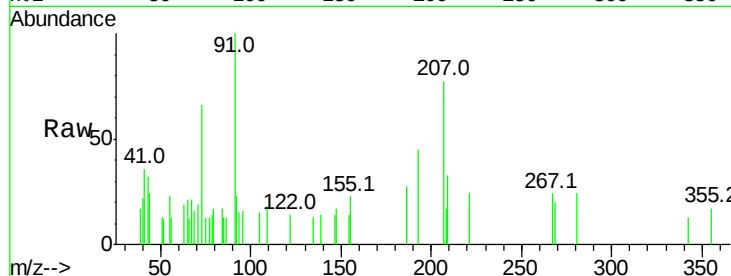
Tot Ion:139 Resp: 119

Ion Ratio Lower Upper

139 100

109 129.7 37.7 77.7#

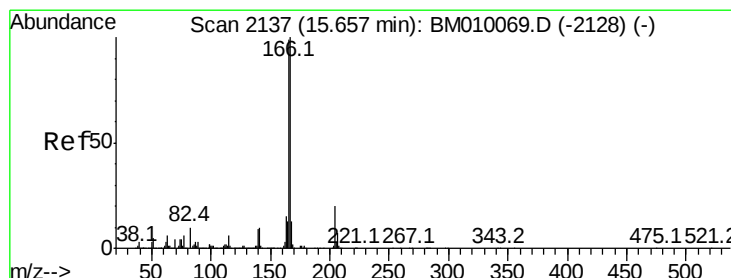
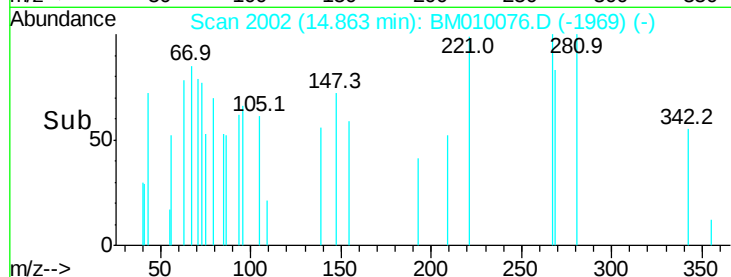
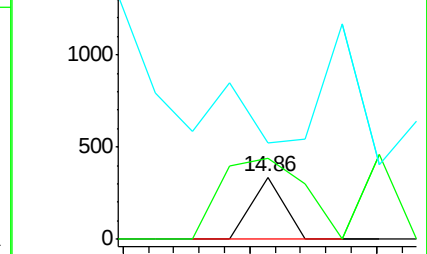
65 155.5 49.9 89.9#



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



#57

Fluorene

Concen: 15.54 ng

RT: 15.67 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

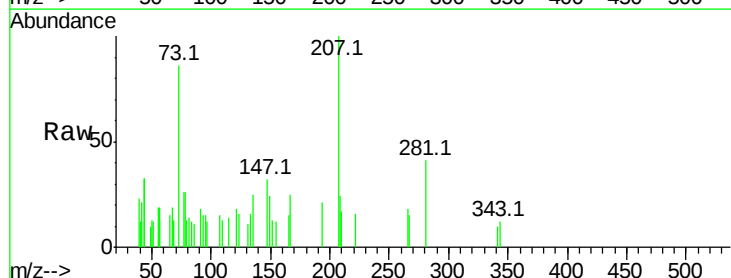
Tgt Ion:166 Resp: 917

Ion Ratio Lower Upper

166 100

165 61.3 79.0 118.4#

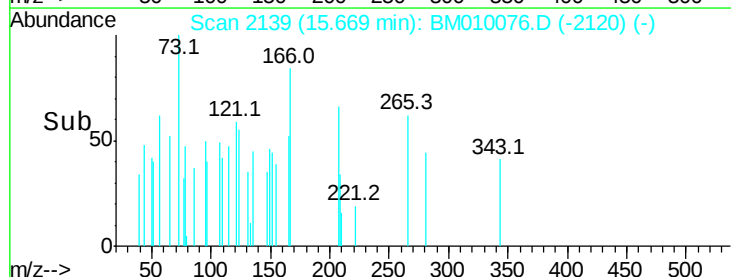
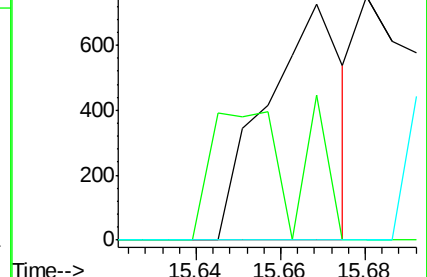
167 0.0 10.3 15.5#

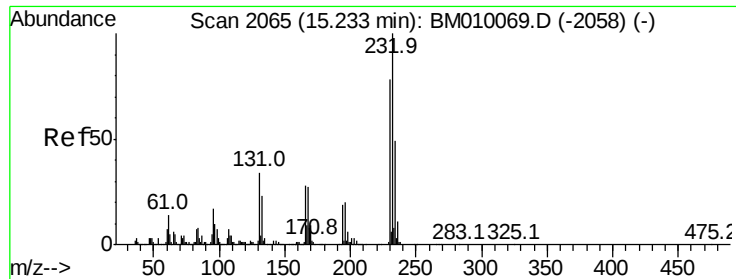


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 7.32 ng

RT: 15.23 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM010076.D

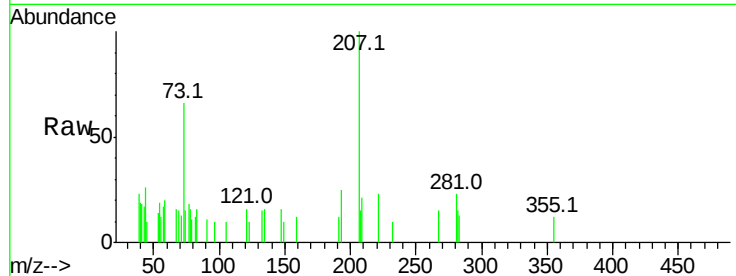
Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

Tot Ion:232	Resp: 110
Ion Ratio	Lower Upper
232 100	
131 0.0	0.0 0.0
130 0.0	0.0 0.0
166 0.0	0.0 0.0

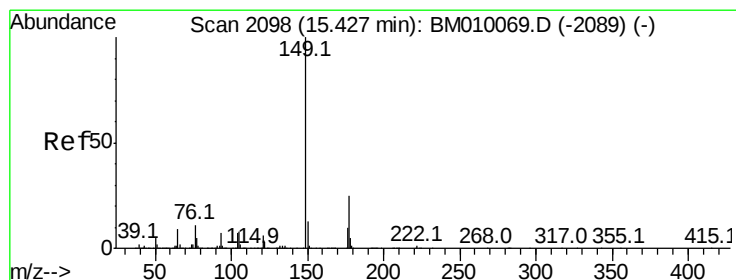
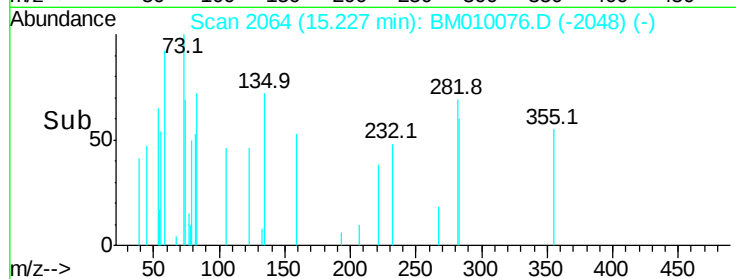
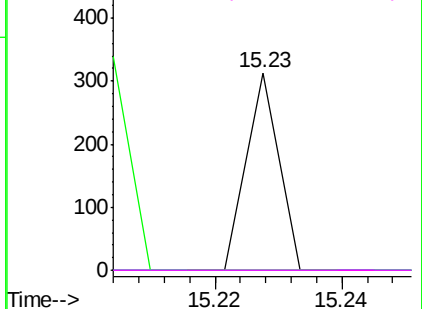


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 79.86 ng

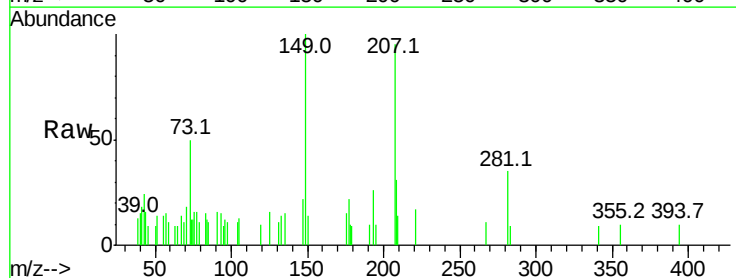
RT: 15.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

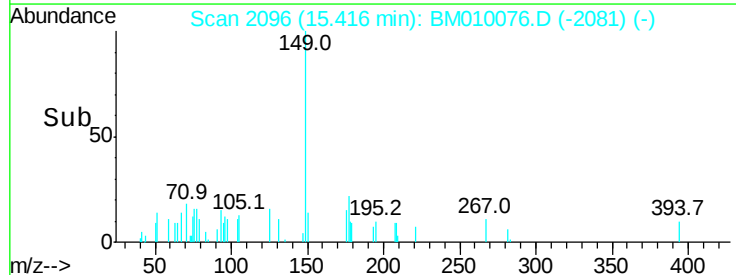
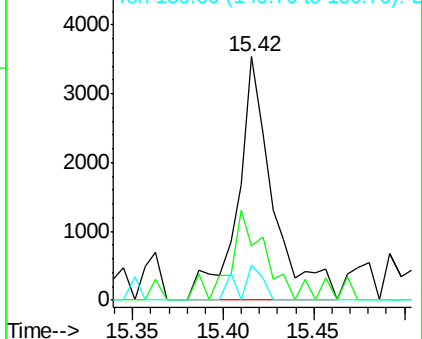
Tgt Ion:149	Resp: 4748
Ion Ratio	Lower Upper
149 100	
177 22.2	18.3 27.5
150 14.4	9.8 14.8

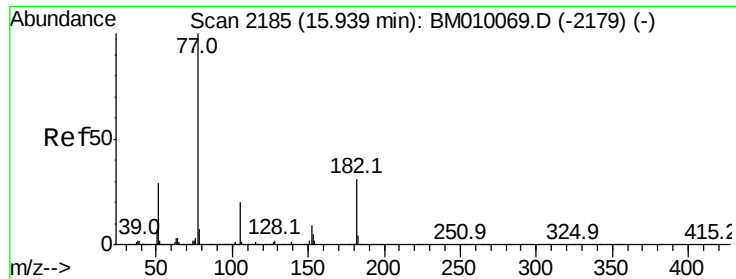


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 10.20 ng

RT: 15.94 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 446

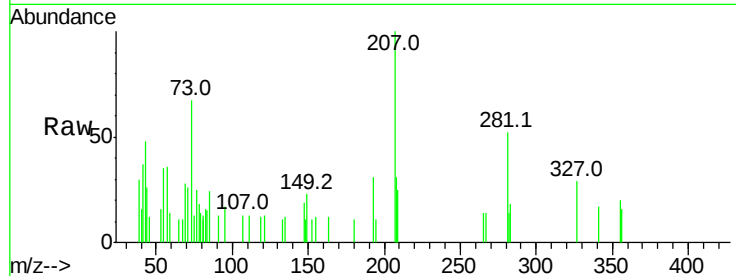
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#



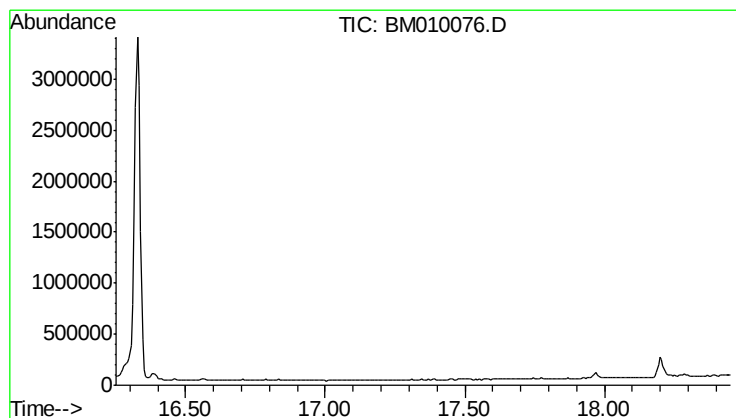
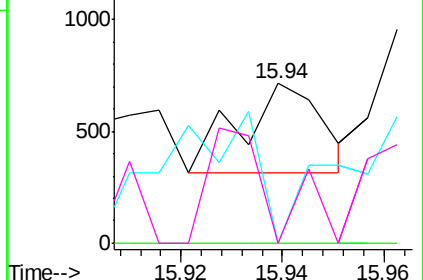
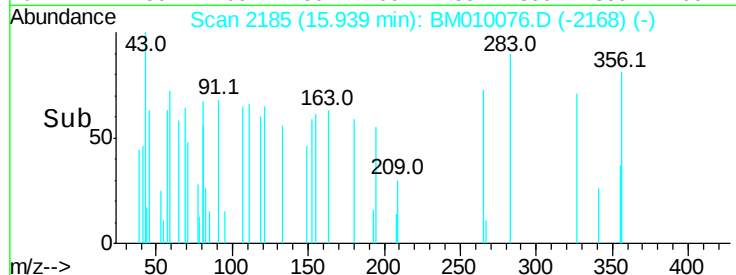
Abundance

Ion 77.00 (76.70 to 77.70): BM010076.D

Ion 182.00 (181.70 to 182.70): BM010076.D

Ion 105.00 (104.70 to 105.70): BM010076.D

Ion 51.00 (50.70 to 51.70): BM010076.D



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 17.35 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

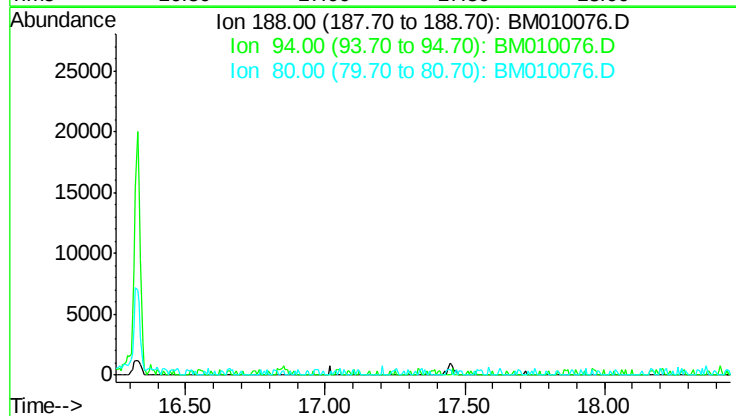
Tgt Ion: 188

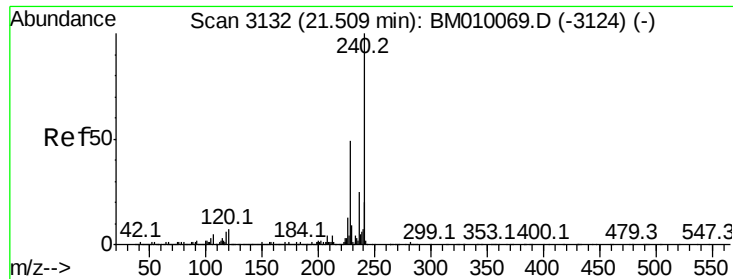
Sig Exp Ratio

188 100

94 10.9

80 11.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampled :

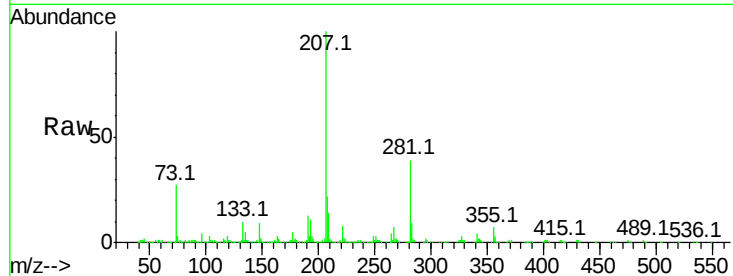
Tot Ion:240 Resp: 2023

Ion Ratio Lower Upper

240 100

120 134.2 8.2 12.2#

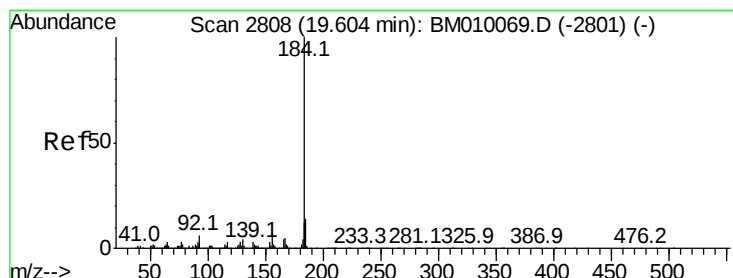
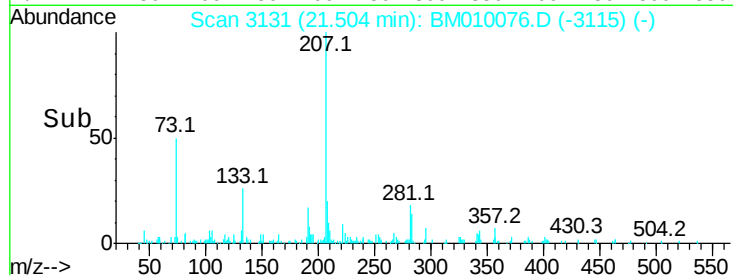
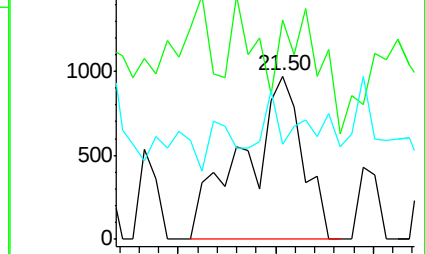
236 58.2 20.0 30.0#



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: 3.30 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

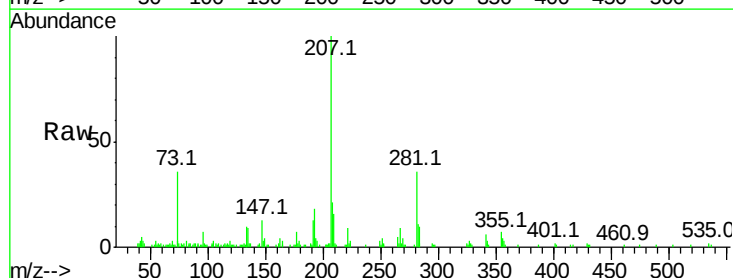
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

185 138.7 11.3 16.9#

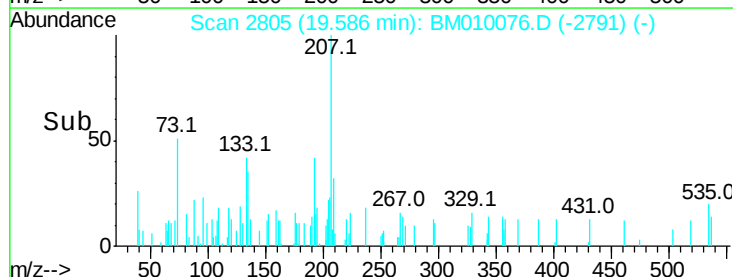
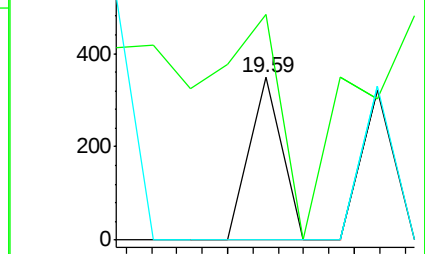
183 0.0 8.9 13.3#

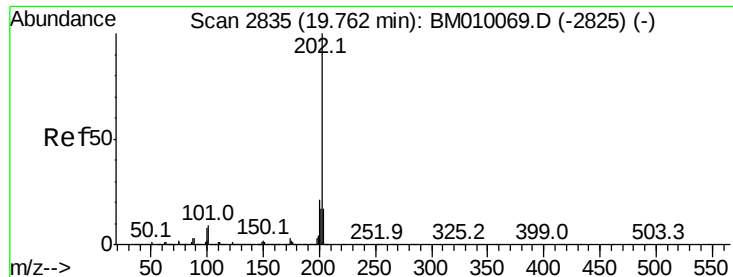


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 18.18 ng

RT: 19.76 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

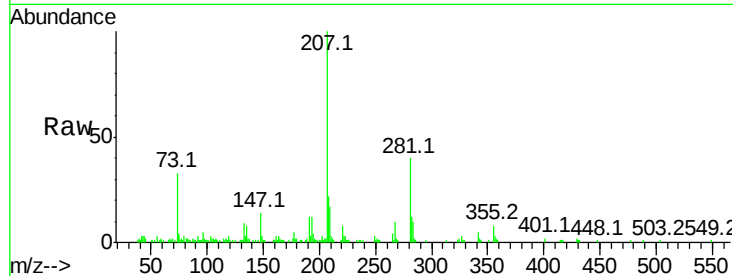
Tot Ion:202 Resp: 1972

Ion Ratio Lower Upper

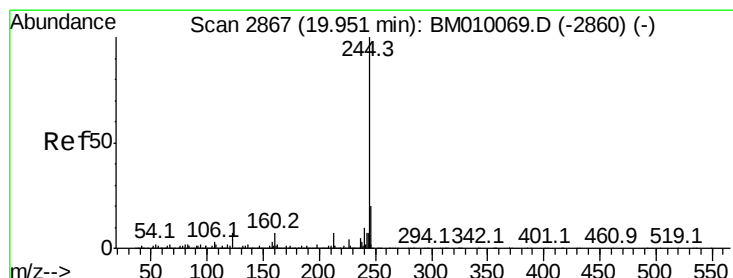
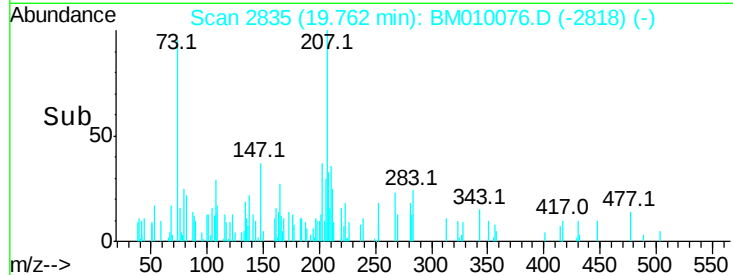
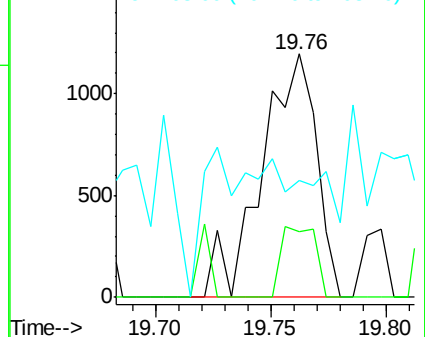
202 100

200 26.9 16.9 25.3#

203 48.2 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: 68690.78 ng

RT: 19.95 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

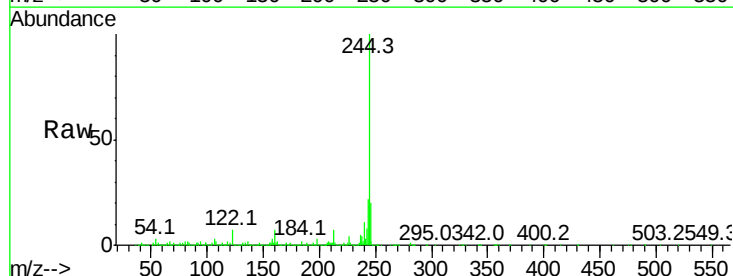
Tgt Ion:244 Resp: 6111406

Ion Ratio Lower Upper

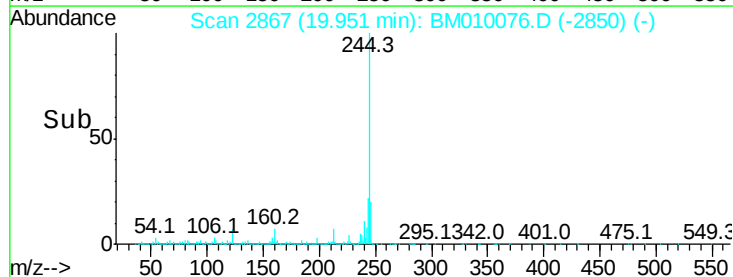
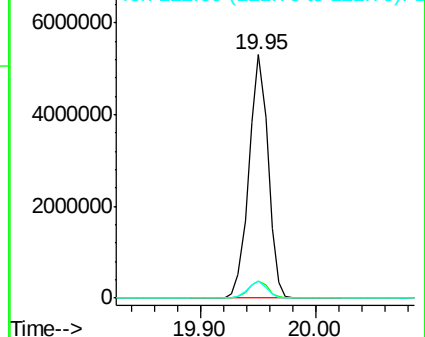
244 100

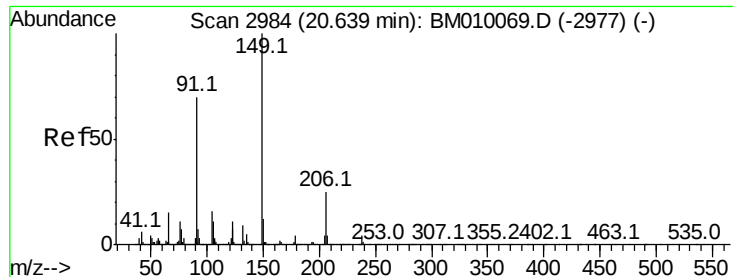
212 7.1 4.9 7.3

122 7.0 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

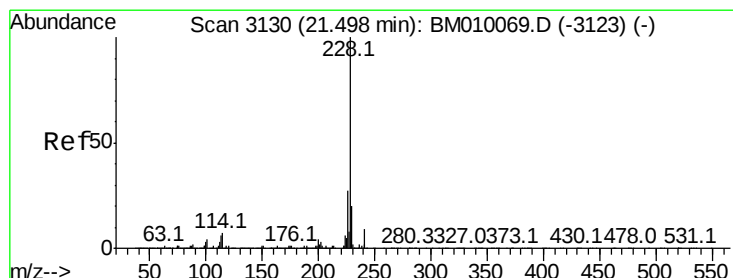
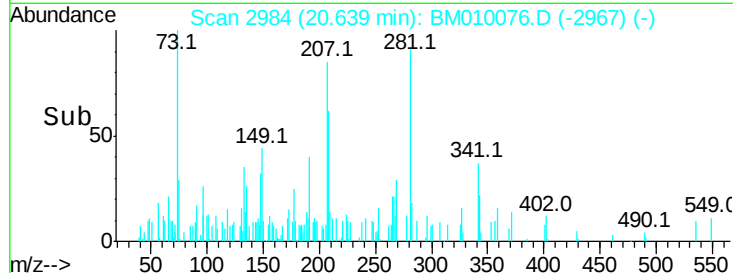
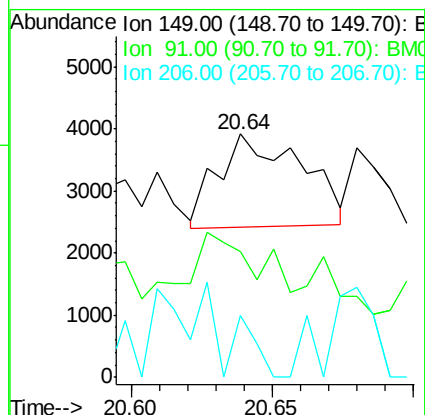
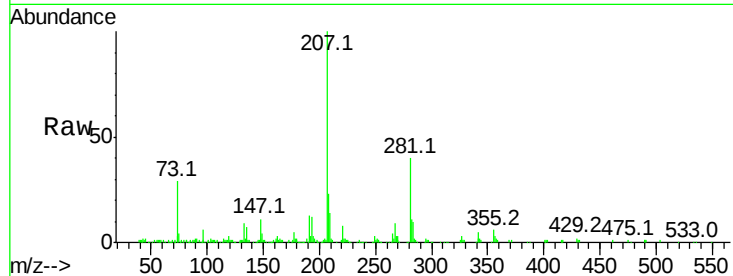




#79
Butylbenzylphthalate
Concen: 76.86 ng
RT: 20.64 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

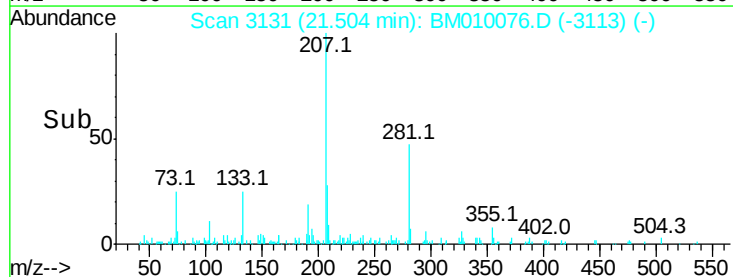
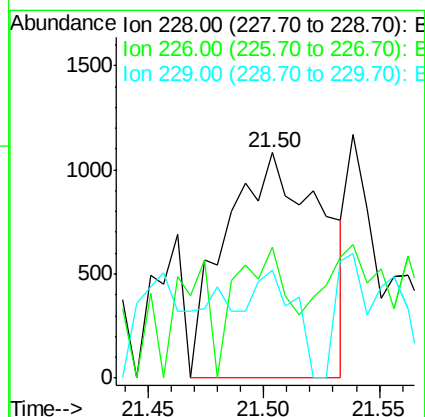
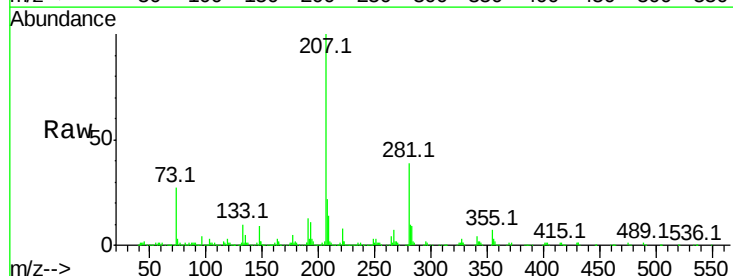
Instrument :
BNA_M
ClientSampleId :

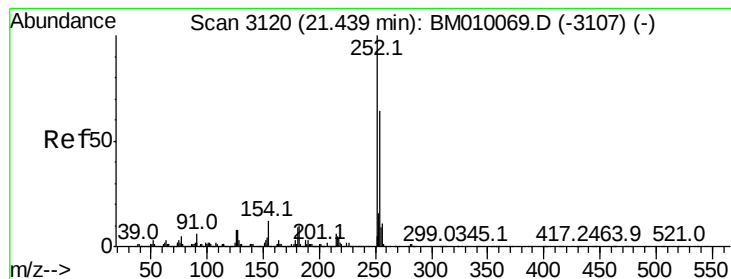
Tot Ion:149 Resp: 3086
Ion Ratio Lower Upper
149 100
91 51.5 50.1 75.1
206 25.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 28.24 ng
RT: 21.50 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion:228 Resp: 3148
Ion Ratio Lower Upper
228 100
226 58.1 21.7 32.5#
229 48.2 16.0 24.0#

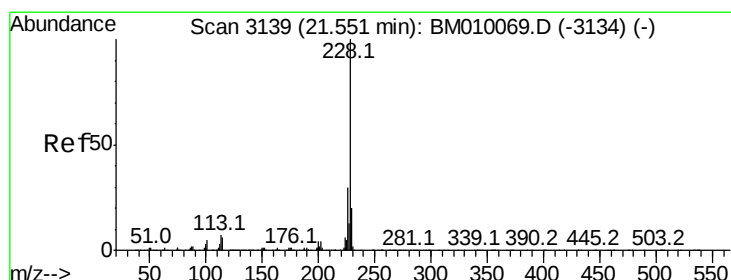
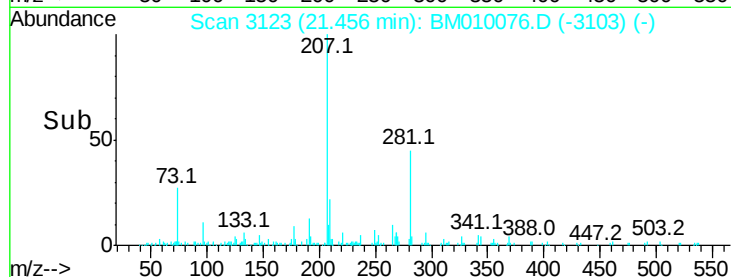
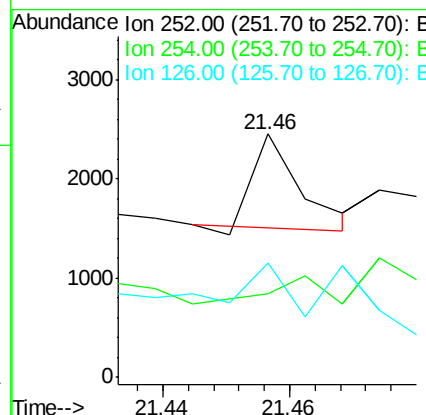
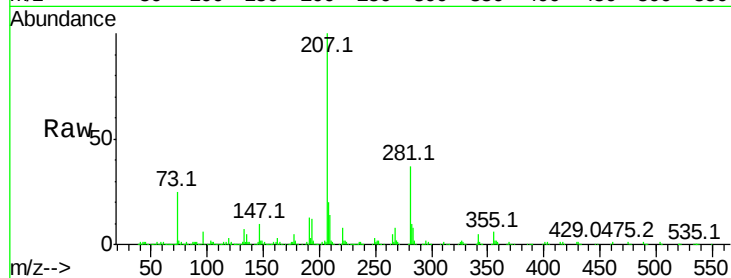




#81
 3,3'-Dichlorobenzidine
 Concen: 10.32 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.02 min
 Lab File: BM010076.D
 Acq: 19 May 2017 19:27

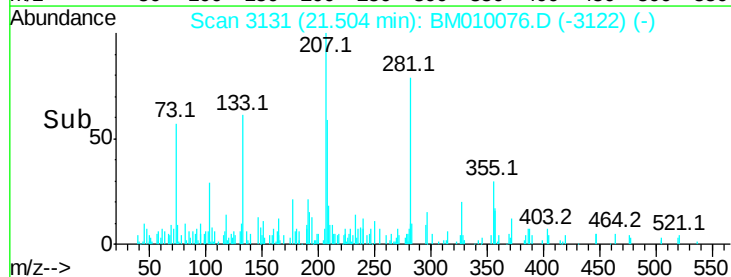
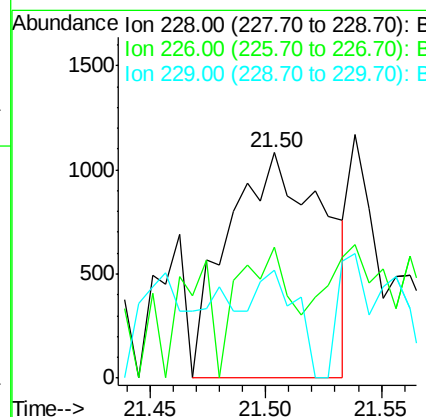
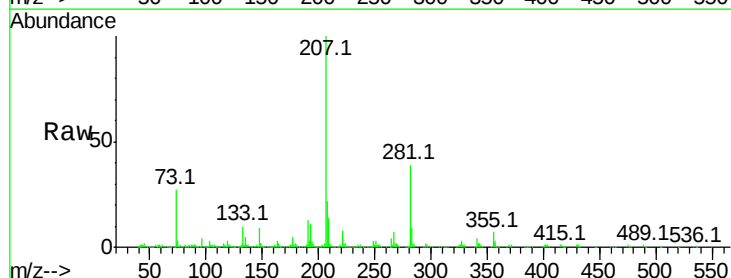
Instrument :
 BNA_M
 ClientSampleId :

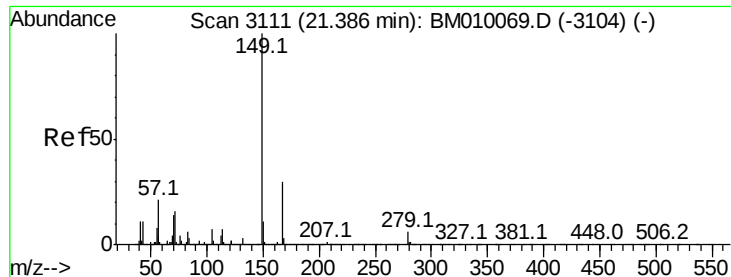
Tot Ion:252 Resp: 463
 Ion Ratio Lower Upper
 252 100
 254 34.4 51.9 77.9#
 126 47.1 9.8 14.8#



#82
 Chrysene
 Concen: 29.77 ng
 RT: 21.50 min Scan# 3131
 Delta R.T. -0.05 min
 Lab File: BM010076.D
 Acq: 19 May 2017 19:27

Tgt Ion:228 Resp: 3148
 Ion Ratio Lower Upper
 228 100
 226 58.1 24.1 36.1#
 229 48.2 15.5 23.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 244.96 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

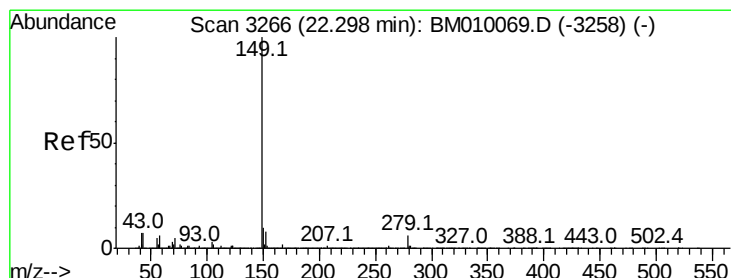
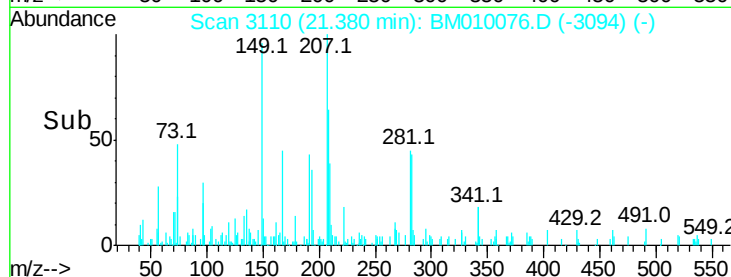
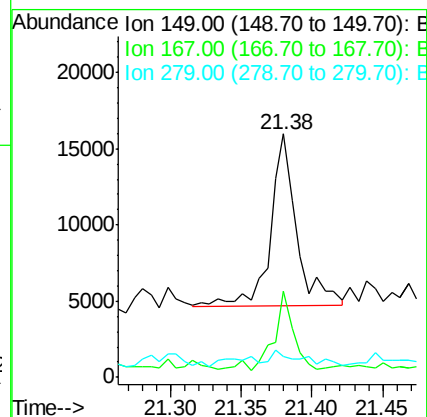
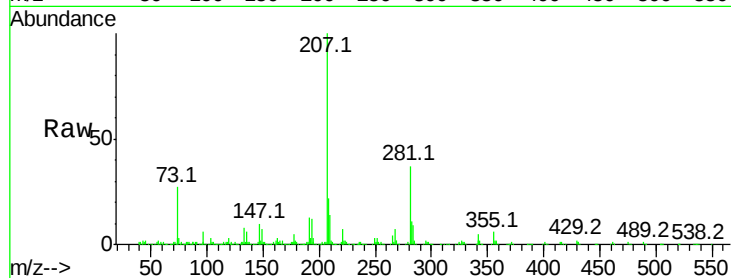
Tot Ion:149 Resp: 14708

Ion Ratio Lower Upper

149 100

167 35.3 22.4 33.6#

279 8.6 3.4 5.0#



#84

Di-n-octyl phthalate

Concen: 10.78 ng

RT: 22.30 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

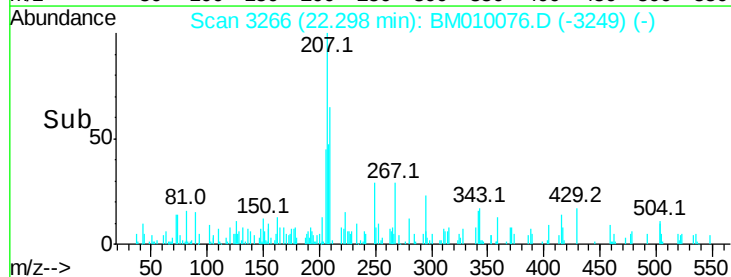
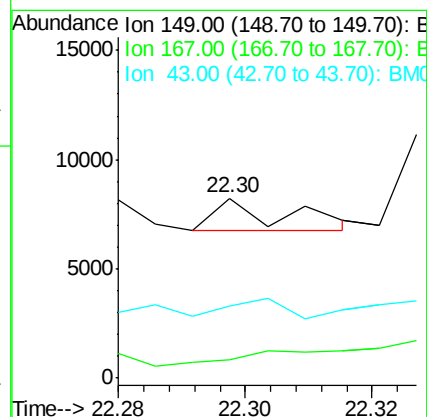
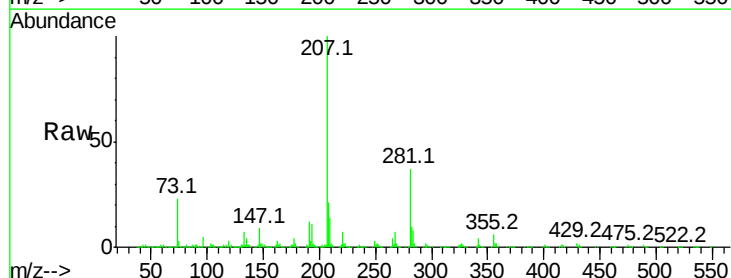
Tgt Ion:149 Resp: 1159

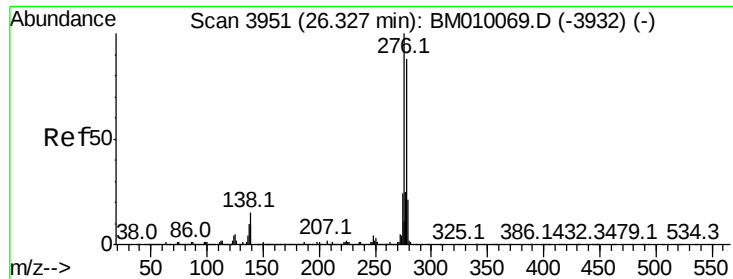
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 45.6 7.3 10.9#

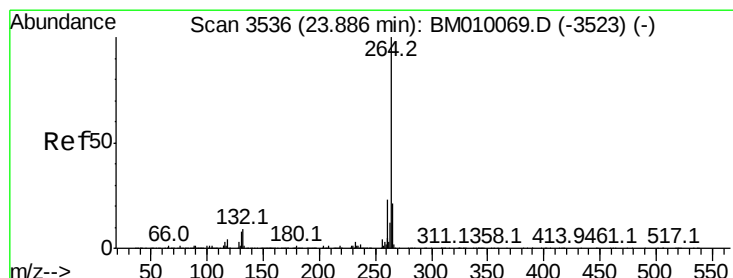
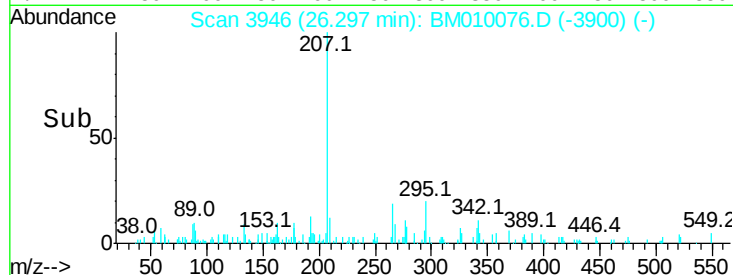
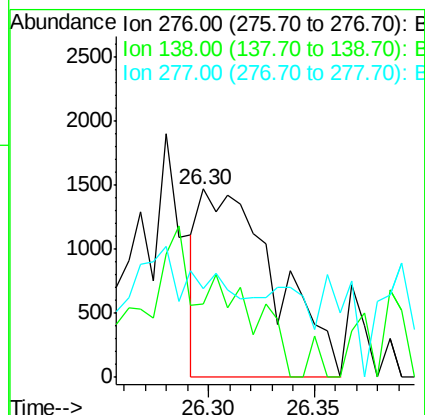
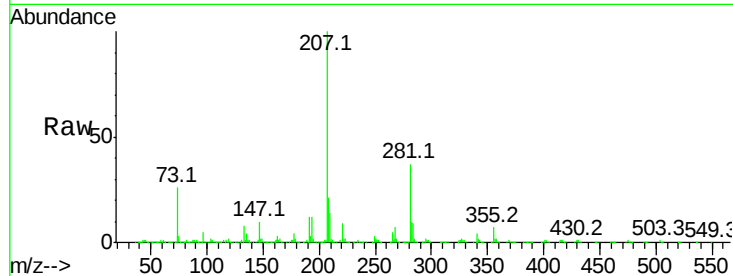




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.58 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

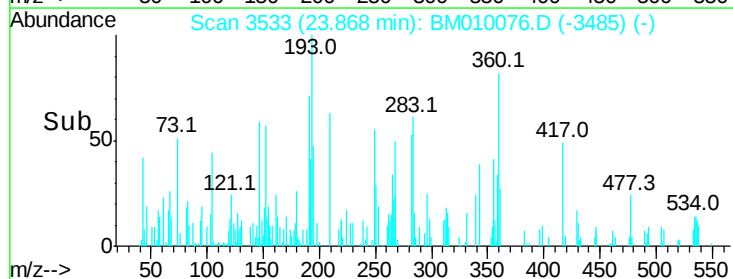
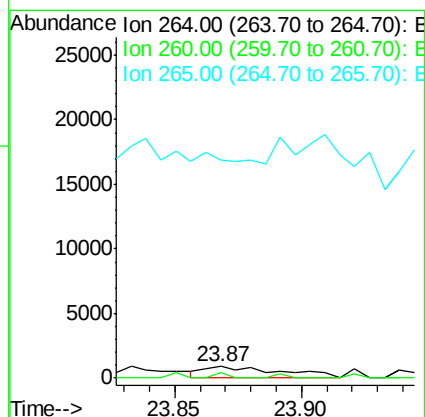
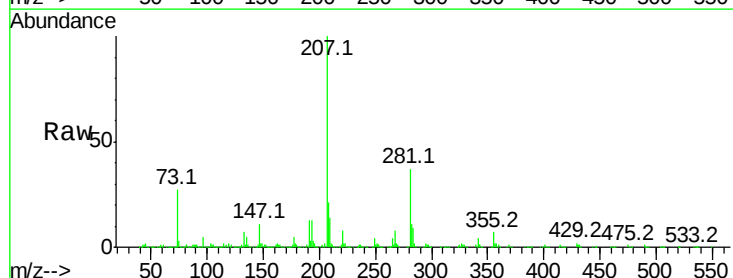
Instrument :
BNA_M
ClientSampleId :

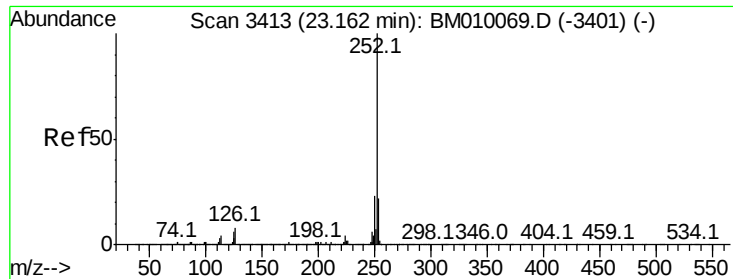
Tot Ion:276 Resp: 3657
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 0.0 0.0 0.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010076.D
Acq: 19 May 2017 19:27

Tgt Ion:264 Resp: 1919
Ion Ratio Lower Upper
264 100
260 43.6 18.6 27.8#
265 1841.3 17.3 25.9#





#87

Benzo(b)fluoranthene

Concen: 9.59 ng

RT: 23.14 min Scan# 3410

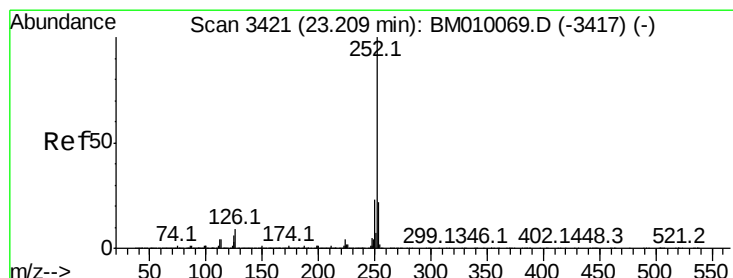
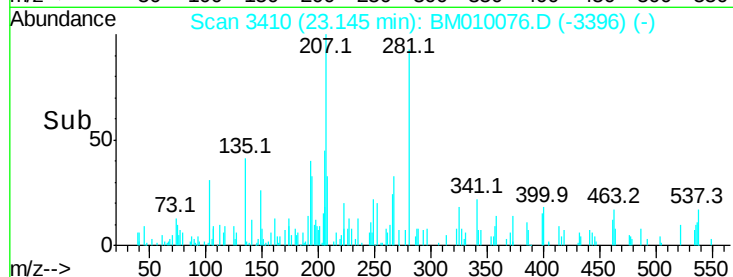
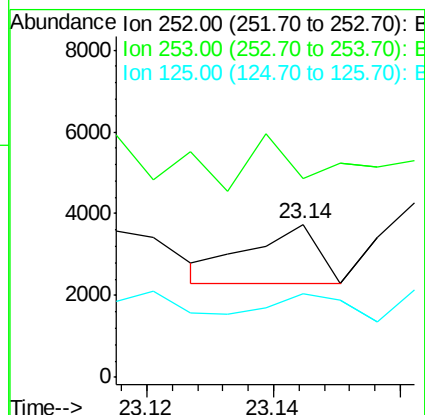
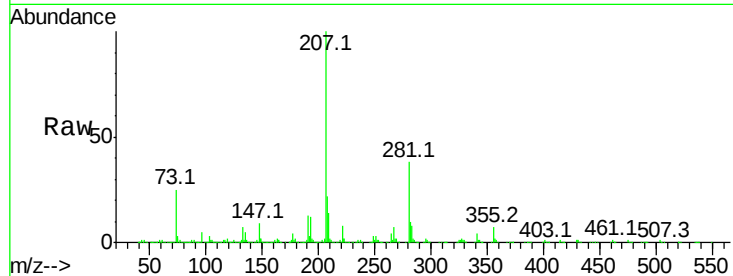
Delta R.T. -0.02 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	130.3	18.0	27.0#
125	54.9	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 20.68 ng

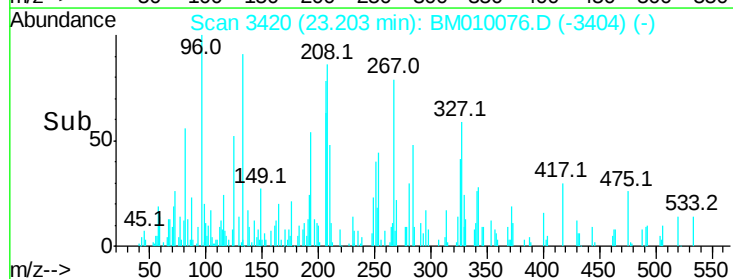
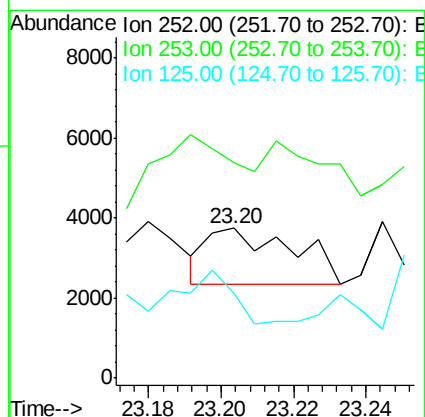
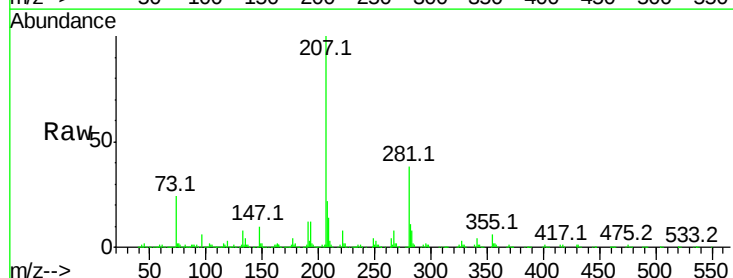
RT: 23.20 min Scan# 3420

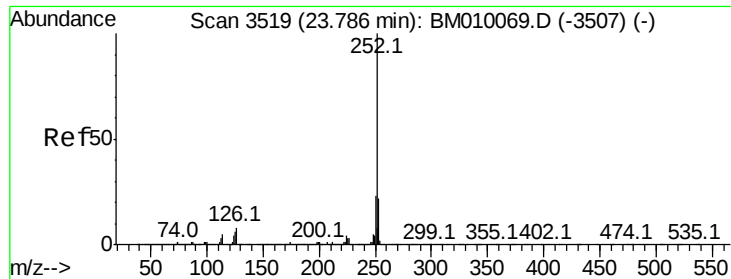
Delta R.T. -0.01 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	143.6	17.2	25.8#
125	56.7	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 12.07 ng

RT: 23.77 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

Instrument :

BNA_M

ClientSampleId :

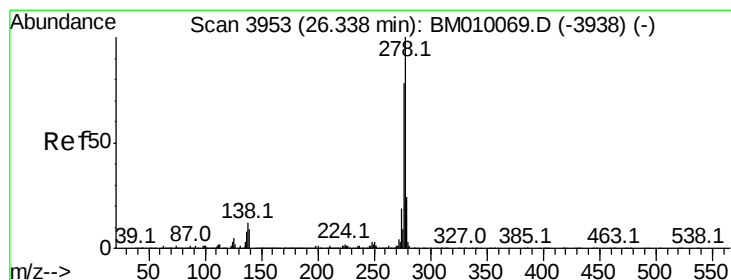
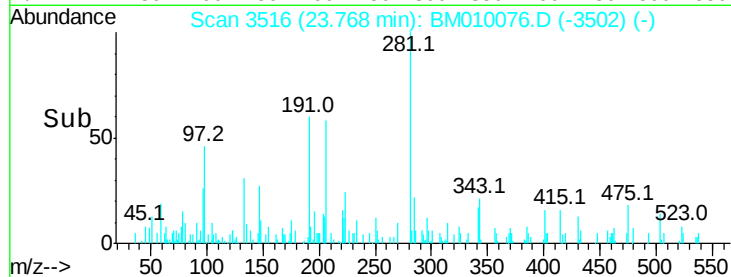
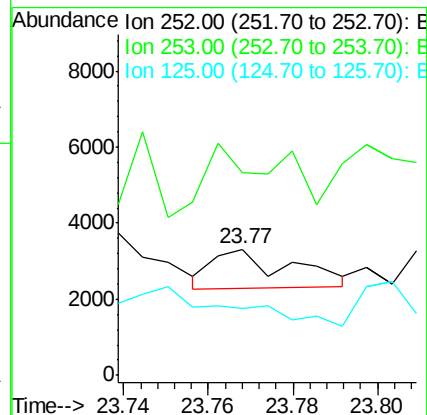
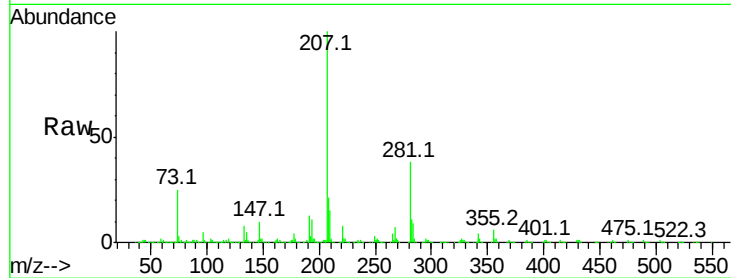
Tot Ion:252 Resp: 1292

Ion Ratio Lower Upper

252 100

253 160.8 17.6 26.4#

125 53.0 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 51.17 ng

RT: 26.30 min Scan# 3947

Delta R.T. -0.04 min

Lab File: BM010076.D

Acq: 19 May 2017 19:27

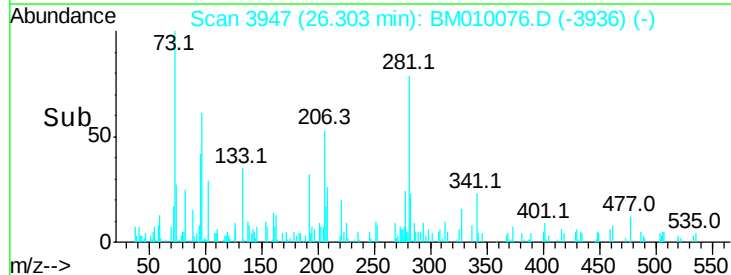
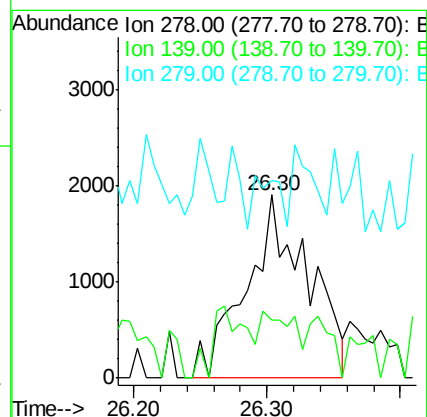
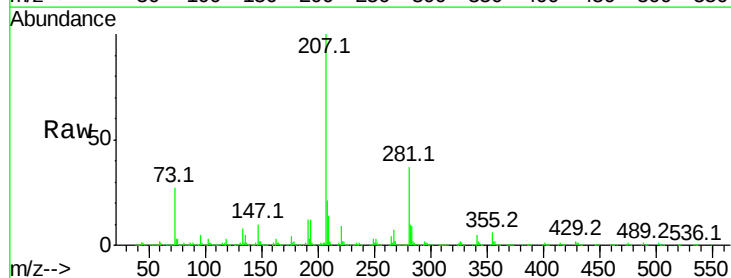
Tgt Ion:278 Resp: 6124

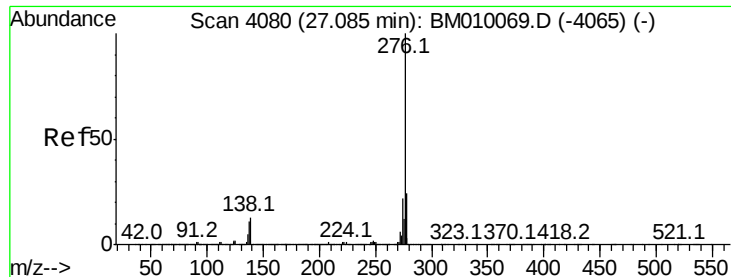
Ion Ratio Lower Upper

278 100

139 31.3 13.4 20.0#

279 108.1 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 50.60 ng
 RT: 27.04 min Scan# 4073
 Delta R.T. -0.04 min
 Lab File: BM010076.D
 Acq: 19 May 2017 19:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	39.2	18.5	27.7#
138	0.0	19.0	28.6#

