

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\
 Data File : BM017200.D
 Acq On : 18 Oct 2018 19:33
 Operator : MJ/SJ
 Sample : PB113954BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 10:04:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	333210	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1269306	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	703846	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1482932	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1188314	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1029047	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2081531	105.66	ng	0.00
7) Phenol-d6	6.85	99	2708939	100.96	ng	0.00
23) Nitrobenzene-d5	8.82	82	1622807	74.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	951097	99.92	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	3822095	72.25	ng	0.00
79) Terphenyl-d14	19.70	244	4377870	83.04	ng	0.00

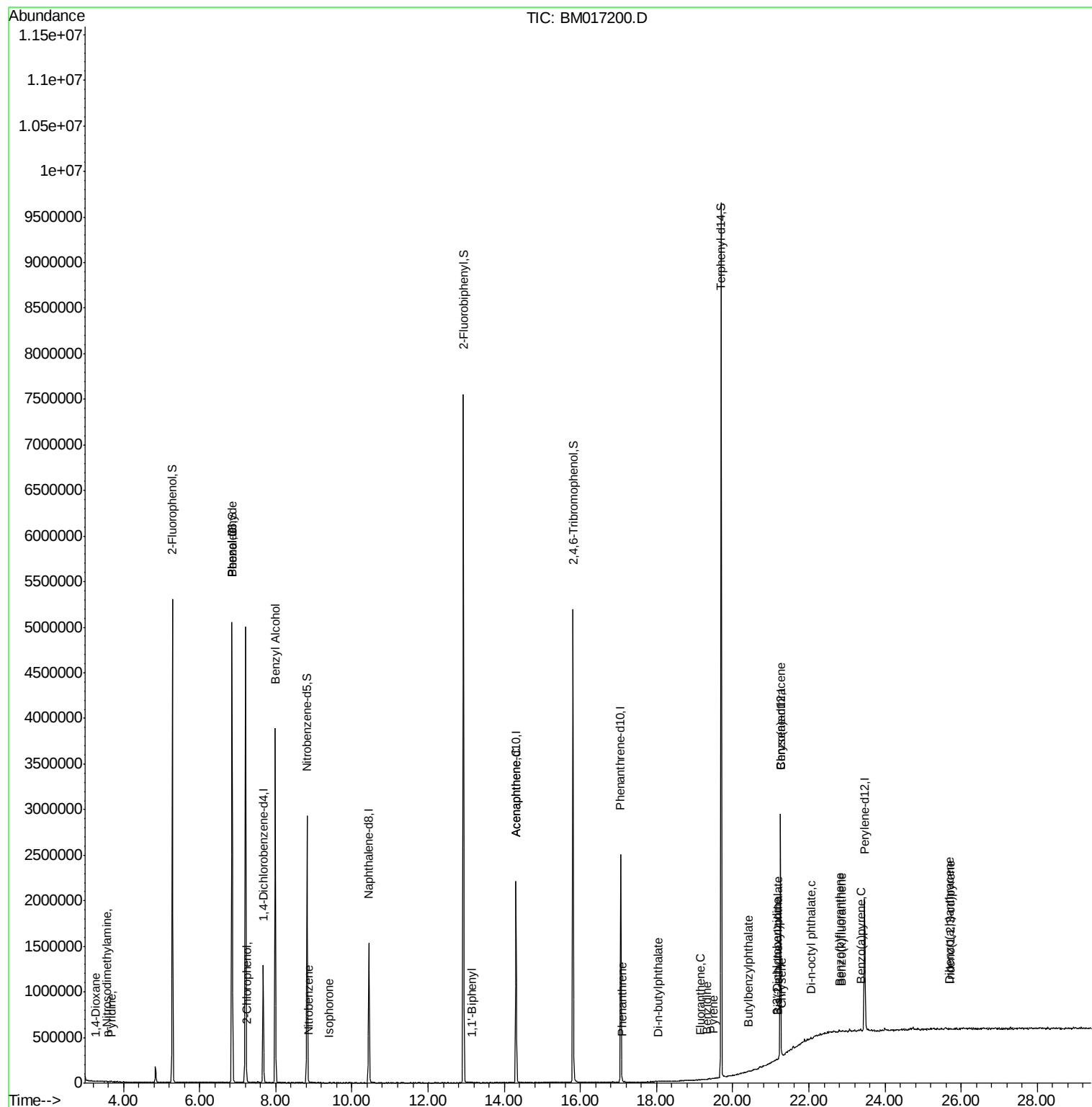
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	213	0.021	ng	# 1
3) Pyridine	3.69	79	124	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	358	0.039	ng	# 1
8) 2-Chlorophenol	7.24	128	593	0.026	ng	# 1
9) Benzaldehyde	6.85	77	5079	0.297	ng	# 1
10) Phenol	6.86	94	226	0.008	ng	# 1
15) Benzyl Alcohol	7.99	79	24680	1.258	ng	# 46
24) Nitrobenzene	8.86	77	259	0.011	ng	# 36
25) Isophorone	9.40	82	108	0.003	ng	# 63
46) 1,1'-Biphenyl	13.15	154	4599	0.073	ng	# 96
52) Acenaphthene	14.31	154	2496	0.059	ng	# 4
71) Phenanthrene	17.10	178	535	0.007	ng	# 60
74) Di-n-butylphthalate	18.05	149	383	0.005	ng	# 78
75) Fluoranthene	19.14	202	573	0.006	ng	# 65
77) Benzidine	19.33	184	117	0.004	ng	# 66
78) Pyrene	19.49	202	569	0.009	ng	# 58
80) Butylbenzylphthalate	20.41	149	1582	7.229	ng	# 24
81) Benzo(a)anthracene	21.25	228	3454	0.052	ng	# 62
82) 3,3'-Dichlorobenzidine	21.16	252	669	0.027	ng	# 25
83) Chrysene	21.29	228	755	0.011	ng	# 72
84) Bis(2-ethylhexyl)phthalate	21.18	149	552	5.321	ng	# 52
85) Di-n-octyl phthalate	22.04	149	1424	5.591	ng	# 3
86) Indeno(1,2,3-cd)pyrene	25.70	276	213	0.003	ng	# 50
88) Benzo(b)fluoranthene	22.81	252	842	0.015	ng	# 1
89) Benzo(k)fluoranthene	22.85	252	1373	0.024	ng	# 1
90) Benzo(a)pyrene	23.36	252	577	0.011	ng	# 1
91) Dibenzo(a,h)anthracene	25.70	278	405	0.008	ng	# 56

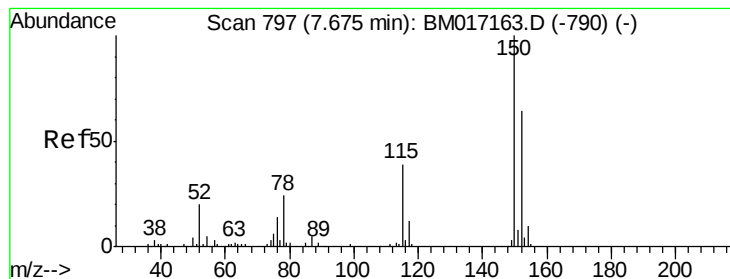
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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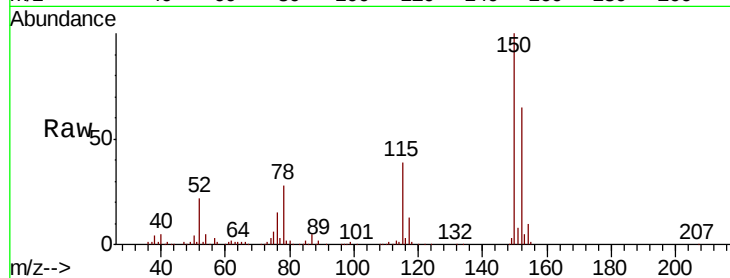


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.3	186.5
115	60.5	48.1	72.1

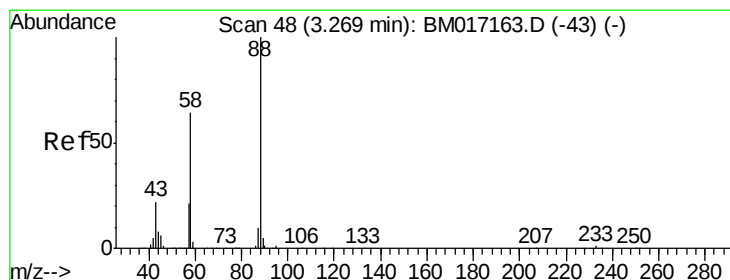
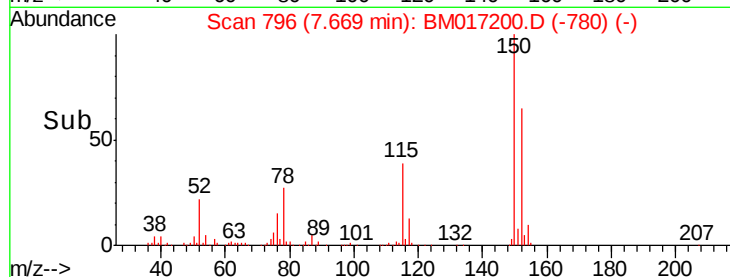
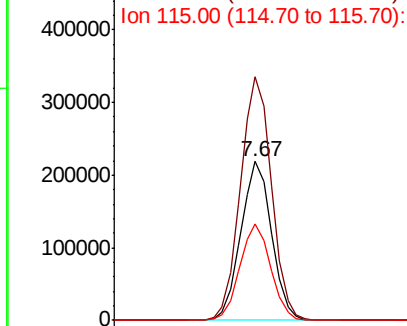


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

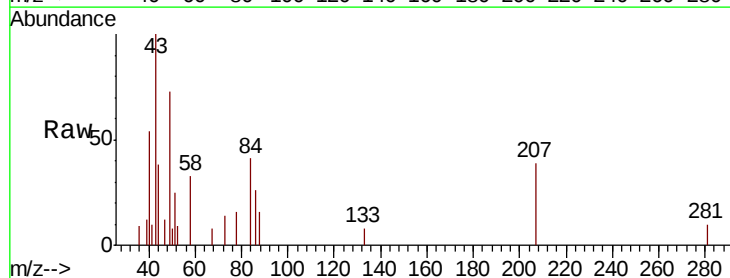
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.021 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.02 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	204.7	50.2	75.4#
43	576.5	19.3	28.9#

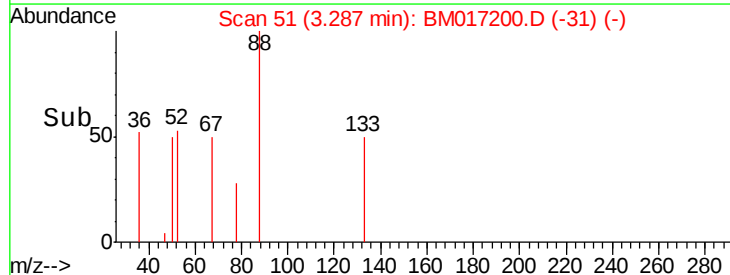
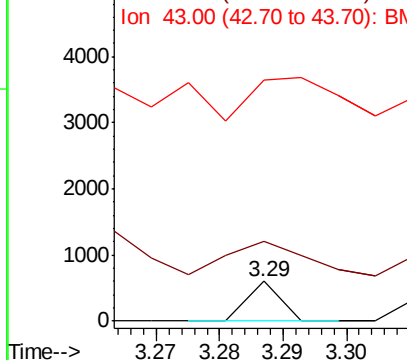


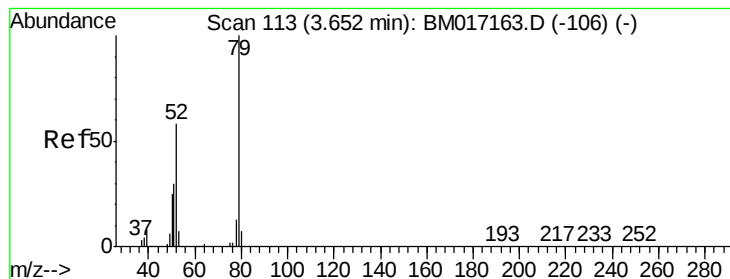
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.005 ng

RT: 3.69 min Scan# 119

Delta R.T. 0.04 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampled :

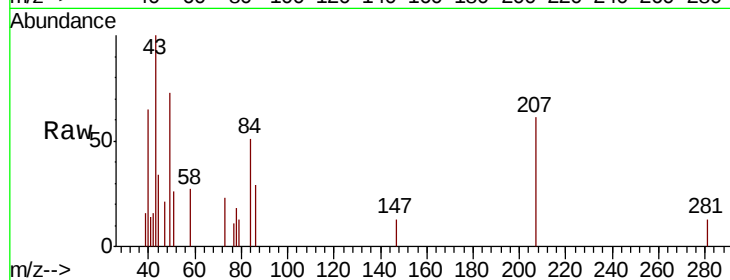
Tot Ion: 79 Resp: 124

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

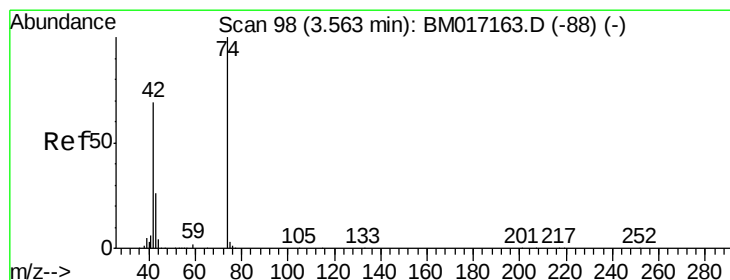
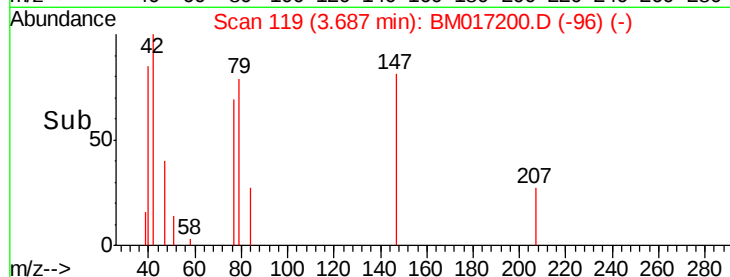
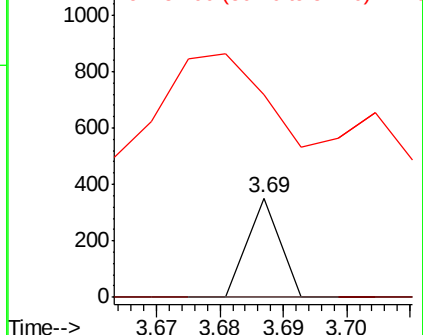
51 204.0 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

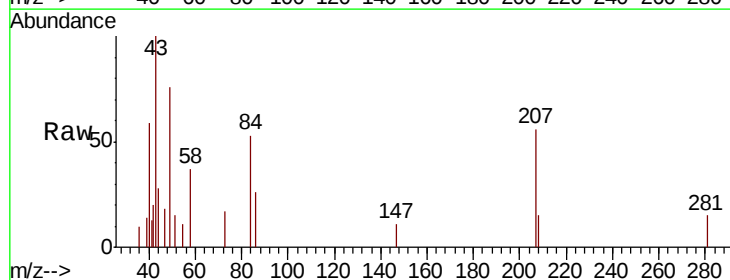
Tgt Ion: 42 Resp: 358

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

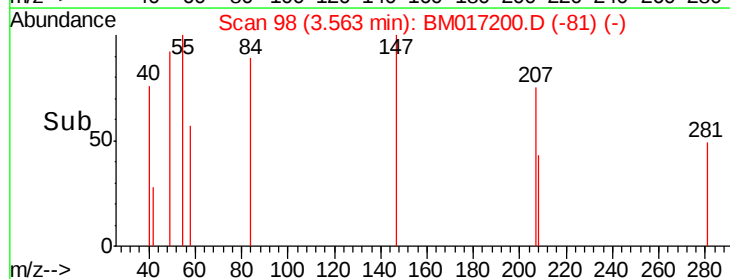
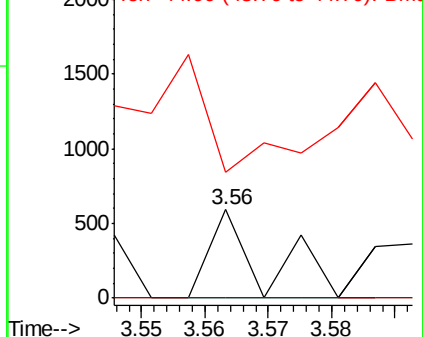
44 142.4 48.6 73.0#

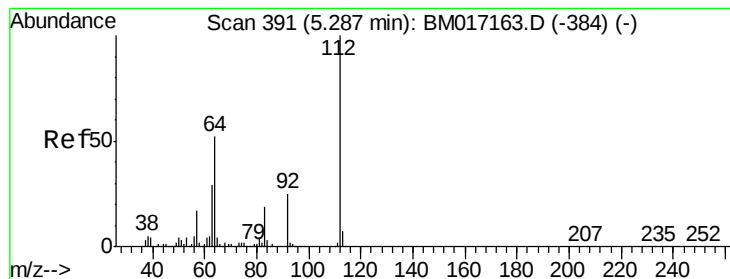


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 105.656 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

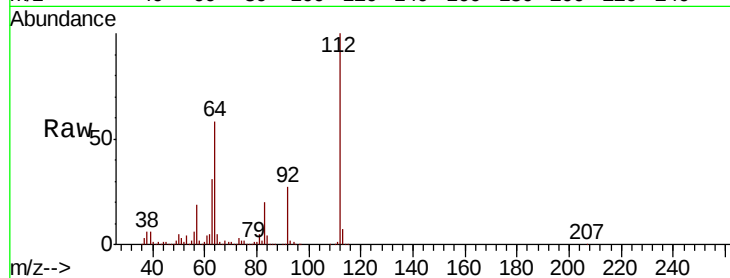
Tot Ion:112 Resp: 2081531

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

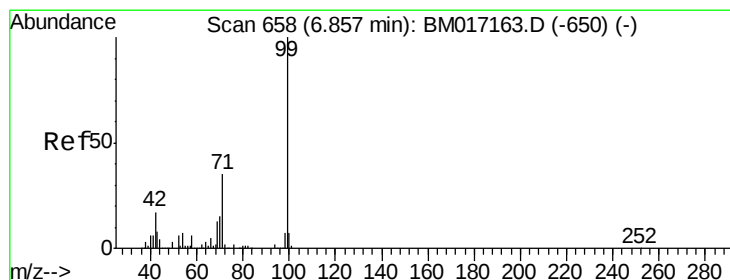
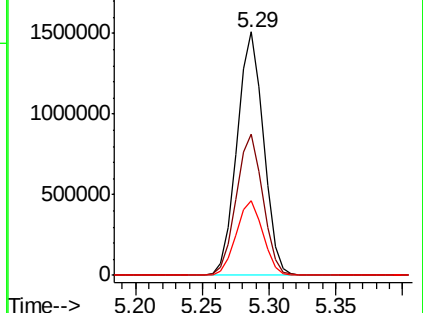
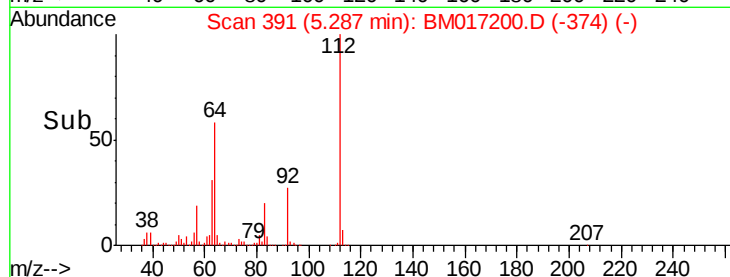
63 30.5 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 100.961 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

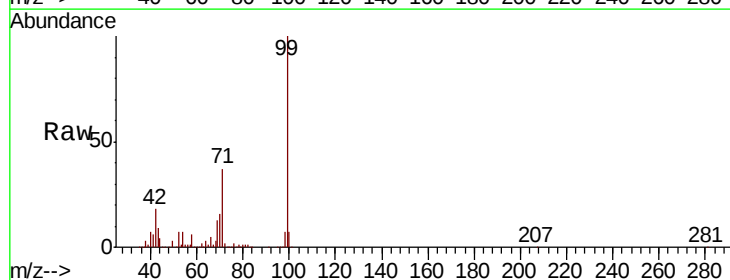
Tgt Ion: 99 Resp: 2708939

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

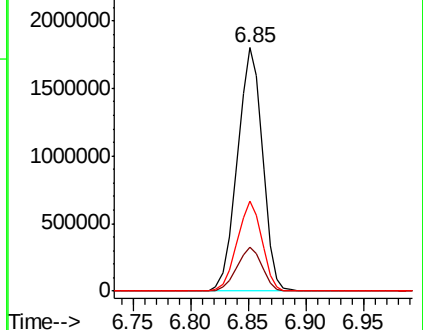
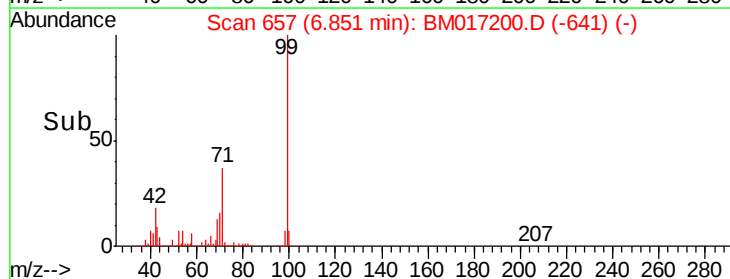
71 36.9 28.0 42.0

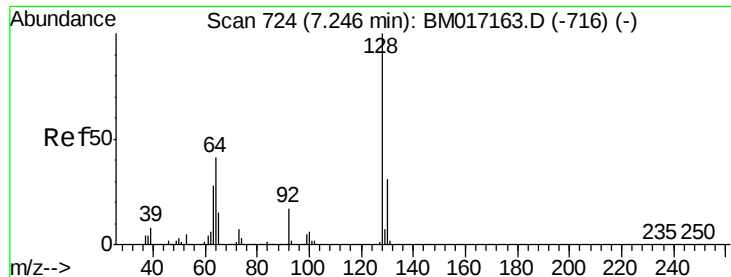


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.026 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

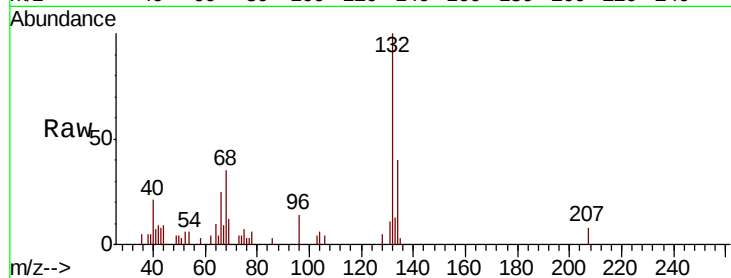
Tot Ion:128 Resp: 593

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

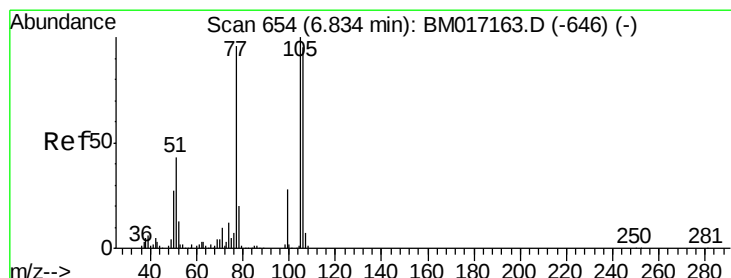
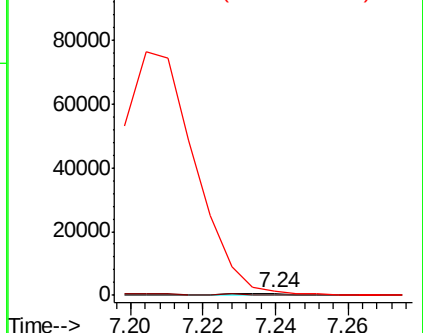
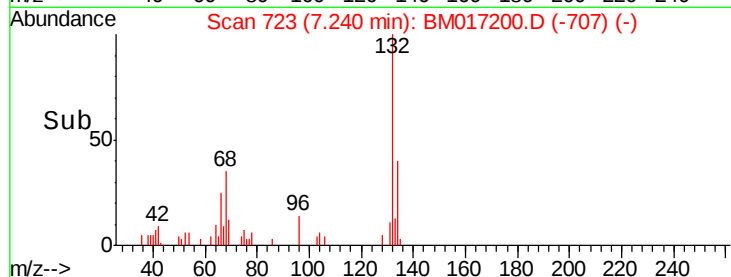
64 220.7 24.1 64.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.297 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

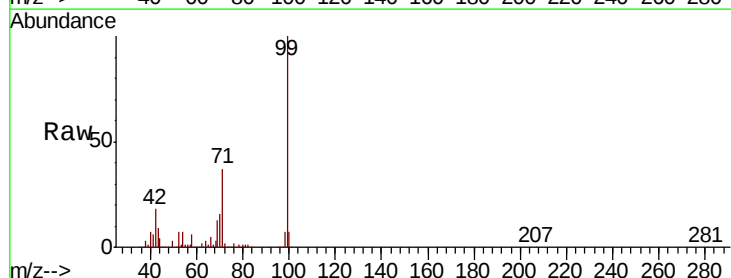
Tgt Ion: 77 Resp: 5079

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

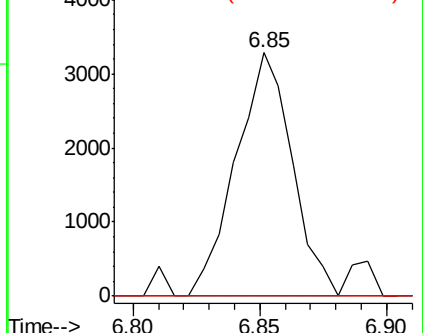
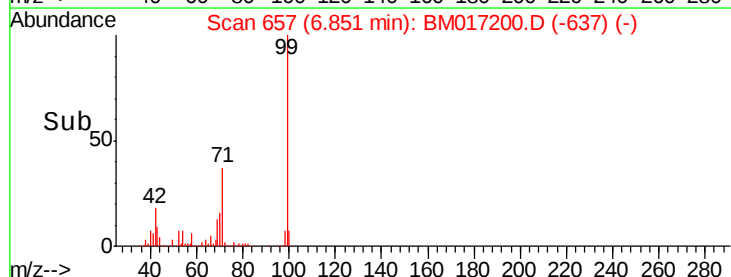
106 0.0 78.2 118.2#

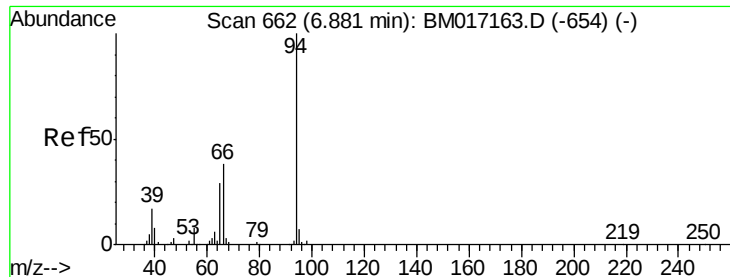


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.008 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

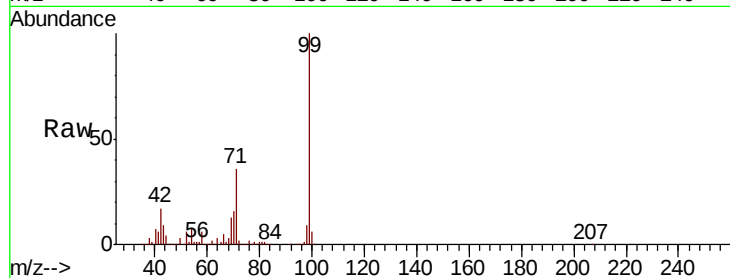
Tot Ion: 94 Resp: 226

Ion Ratio Lower Upper

94 100

65 2485.8 9.4 49.4#

66 12186.3 19.0 59.0#

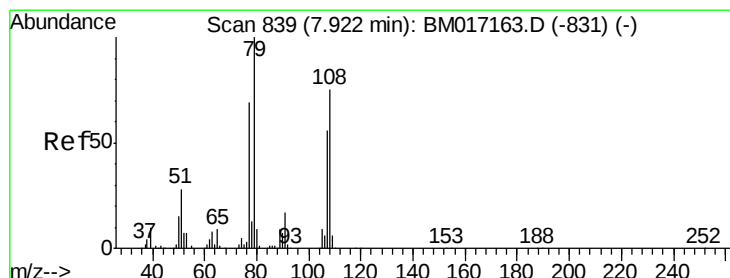
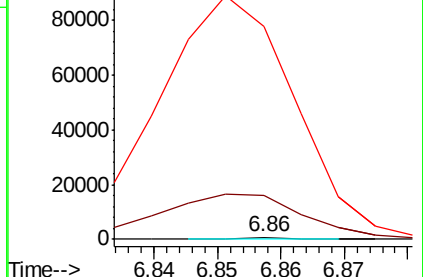
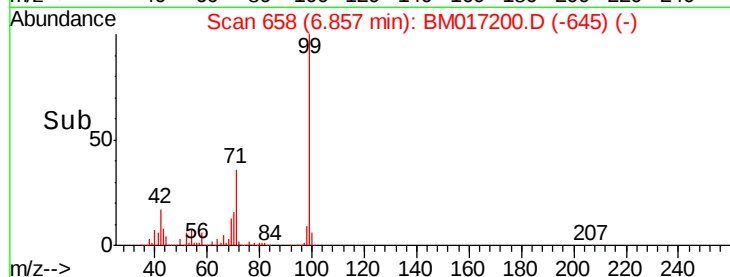


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

Time-->



#15

Benzyl Alcohol

Concen: 1.258 ng

RT: 7.99 min Scan# 850

Delta R.T. 0.06 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

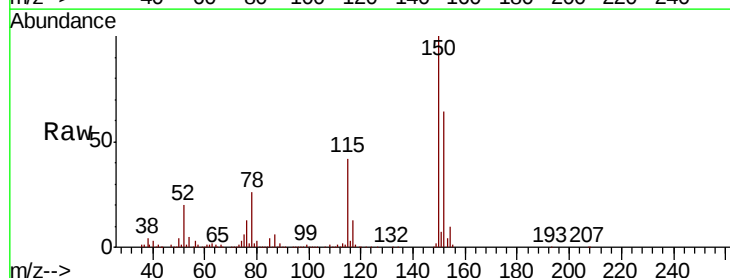
Tgt Ion: 79 Resp: 24680

Ion Ratio Lower Upper

79 100

108 31.1 60.3 90.5#

77 113.6 54.8 82.2#

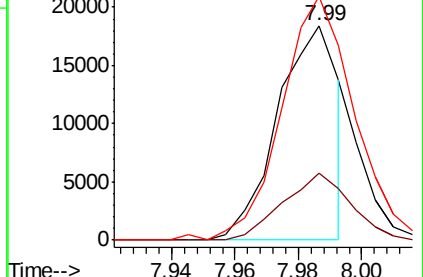
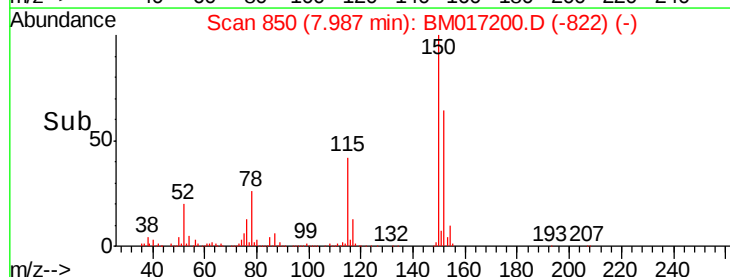


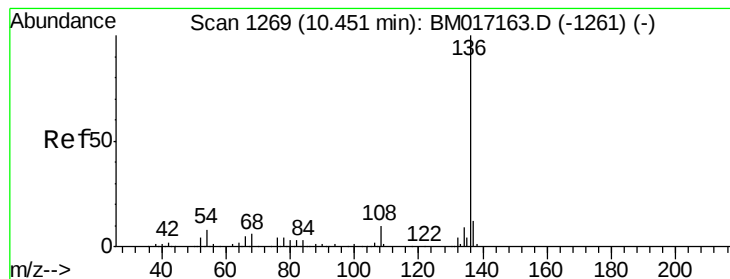
Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1269306

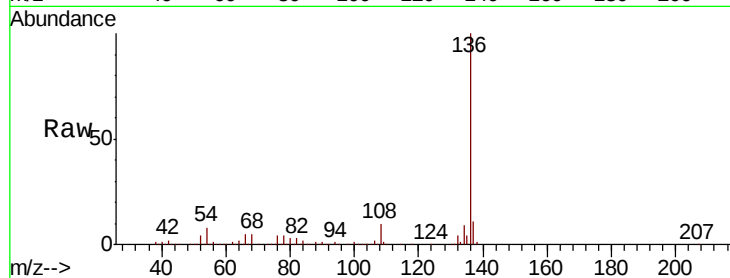
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 6.7 10.1

68 5.4 4.7 7.1

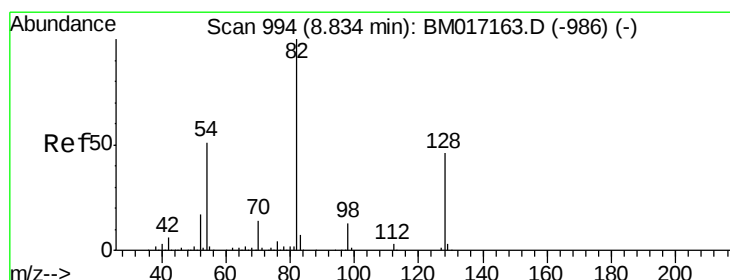
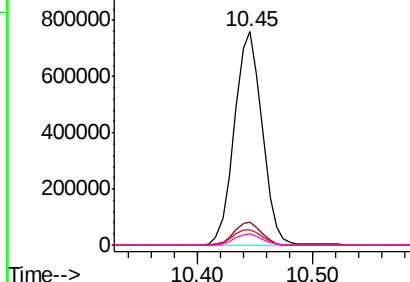
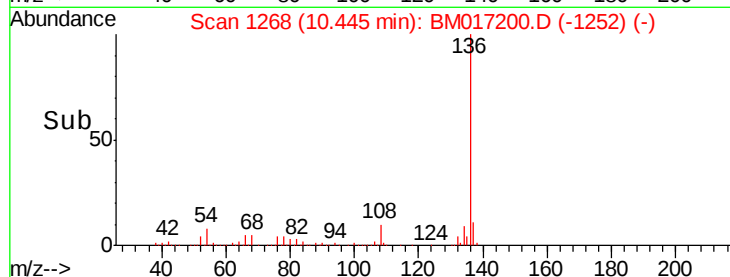


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.774 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

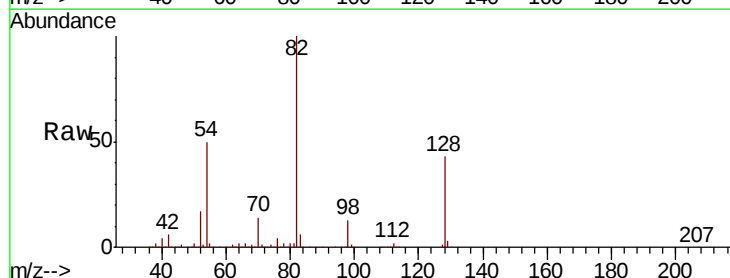
Tgt Ion: 82 Resp: 1622807

Ion Ratio Lower Upper

82 100

128 43.0 37.0 55.6

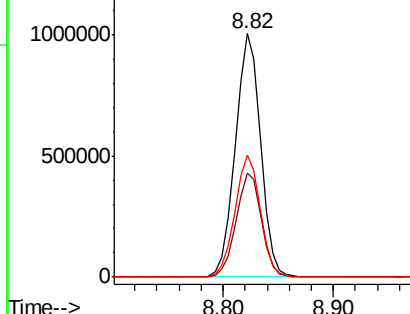
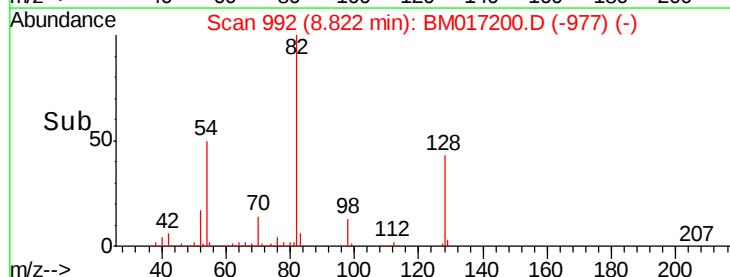
54 49.9 40.7 61.1

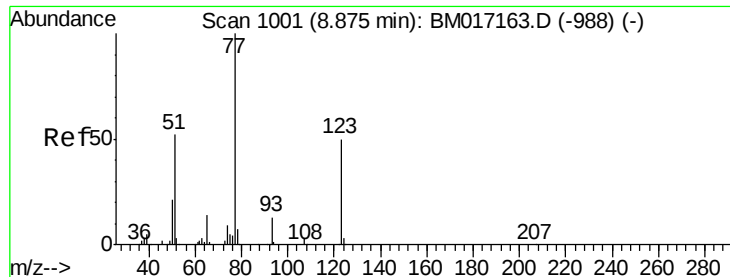


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.011 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

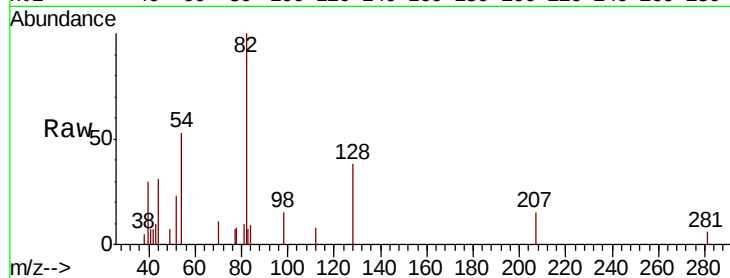
Tot Ion: 77 Resp: 259

Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.4#

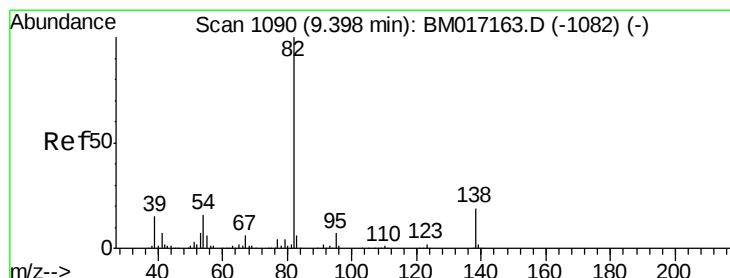
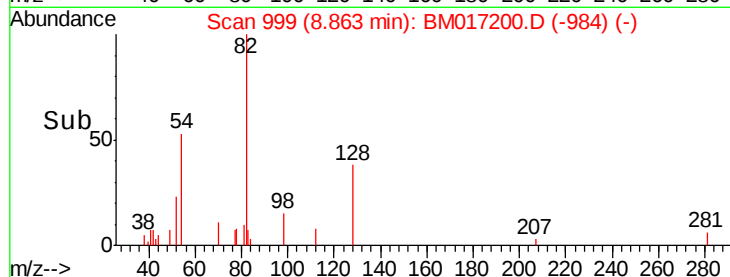
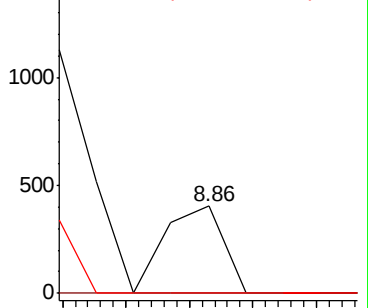
65 0.0 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0



#25

Isophorone

Concen: 0.003 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

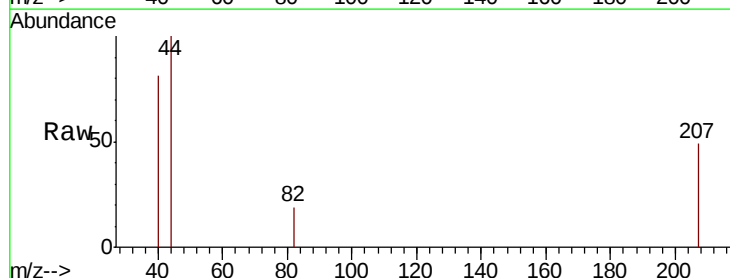
Tgt Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

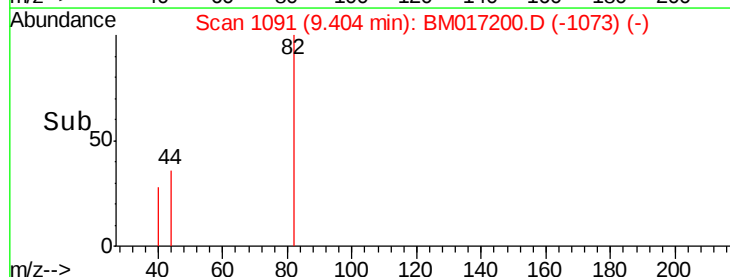
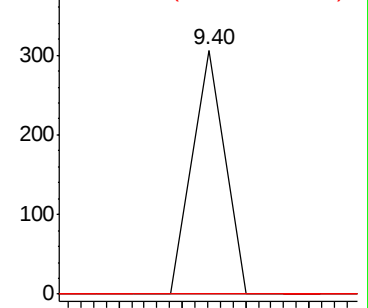
138 0.0 15.4 23.2#

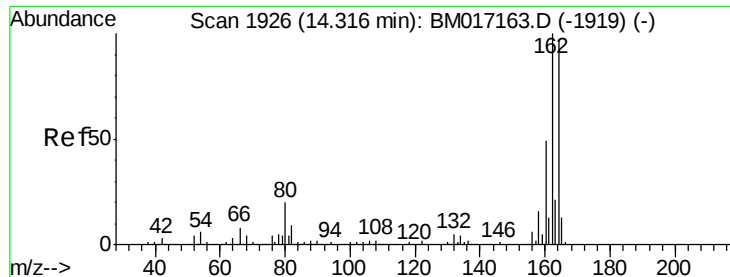


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

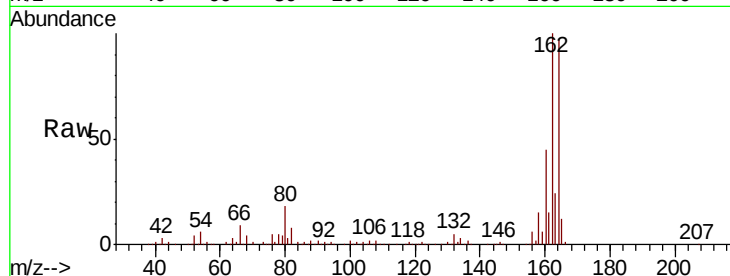
Tot Ion:164 Resp: 703846

Ion Ratio Lower Upper

164 100

162 103.6 82.1 123.1

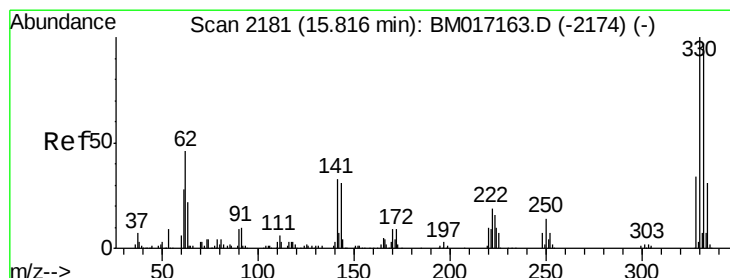
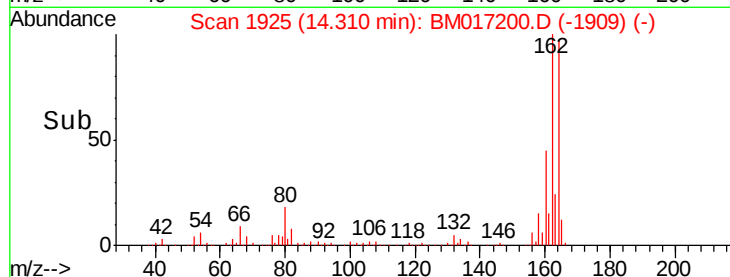
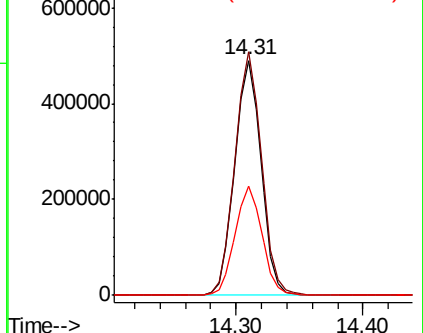
160 46.6 40.2 60.2



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



#42

2,4,6-Tribromophenol

Concen: 99.921 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

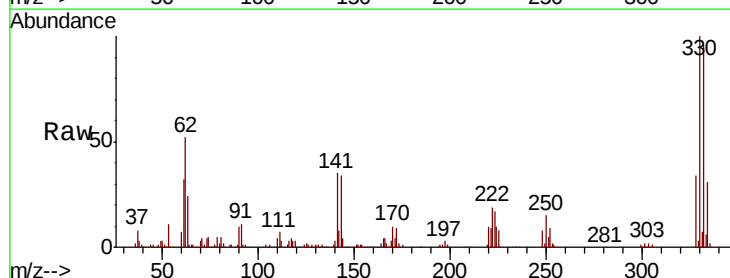
Tgt Ion:330 Resp: 951097

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

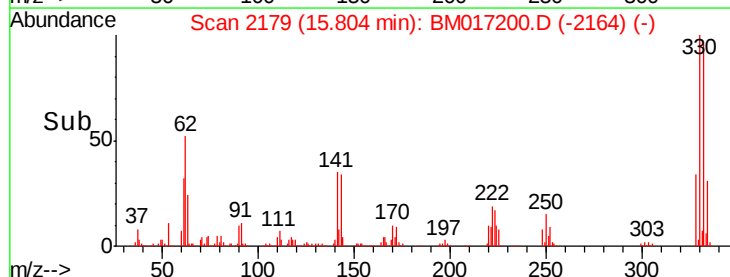
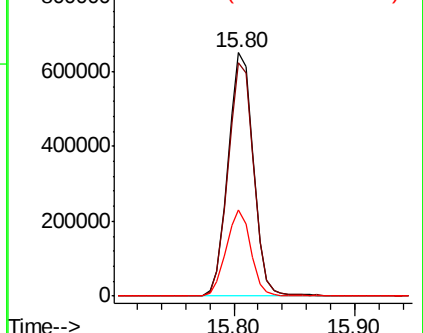
141 34.5 27.4 41.0

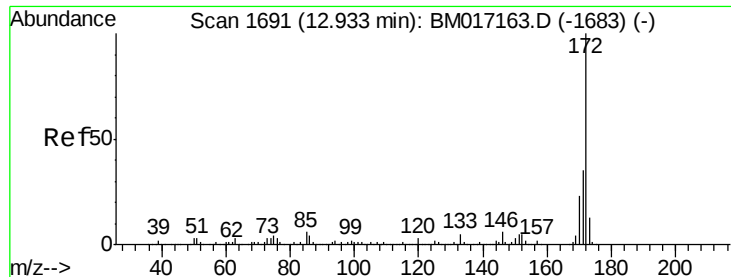


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

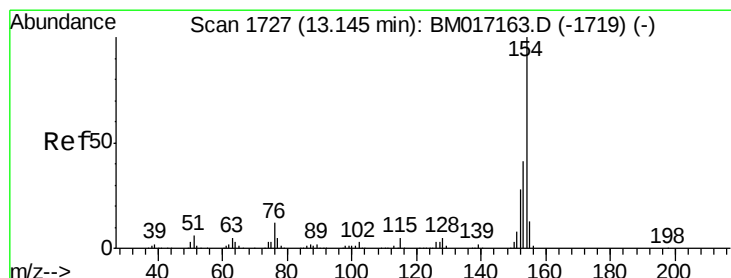
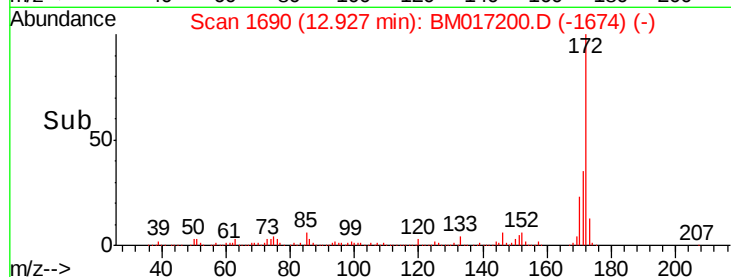
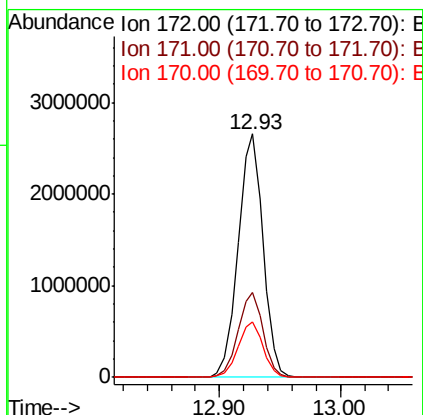
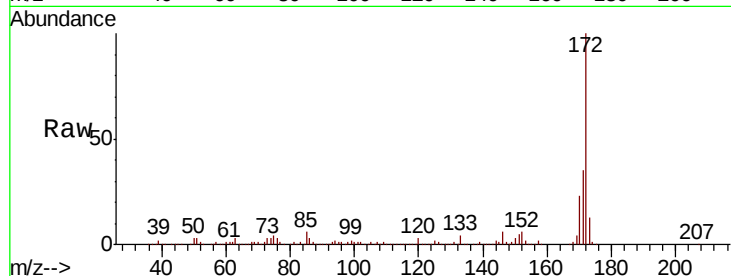




#45
2-Fluorobiphenyl
Concen: 72.252 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

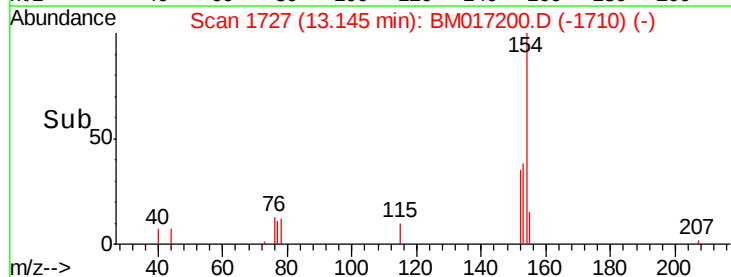
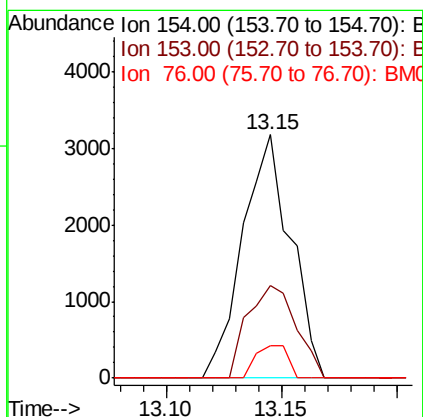
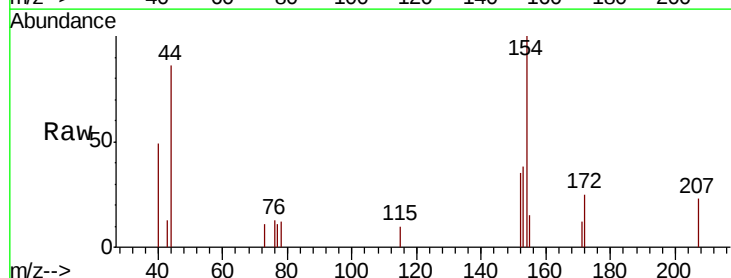
Instrument :
BNA_M
ClientSampleId :

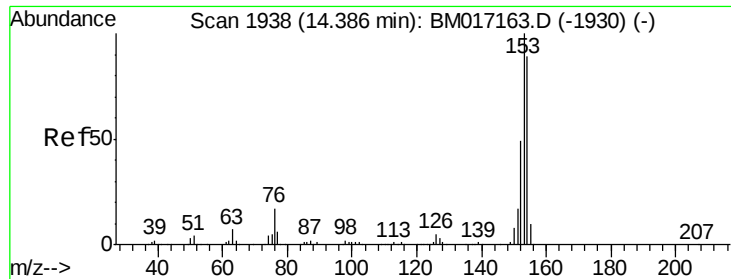
Tot Ion:172 Resp: 3822095
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.6 18.3 27.5



#46
1,1'-Biphenyl
Concen: 0.073 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Tgt Ion:154 Resp: 4599
Ion Ratio Lower Upper
154 100
153 37.8 20.5 60.5
76 13.4 0.0 31.8





#52

Acenaphthene

Concen: 0.059 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.08 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

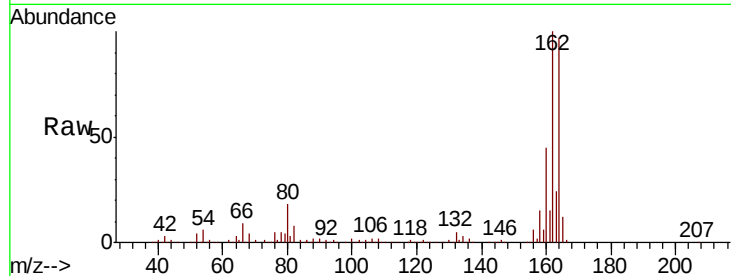
Tot Ion:154 Resp: 2496

Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.2#

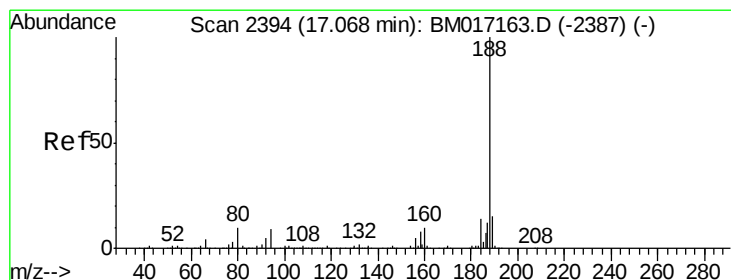
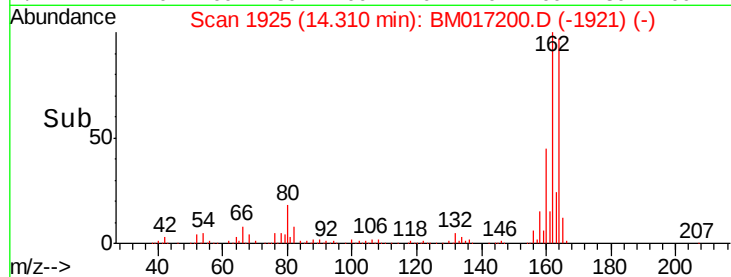
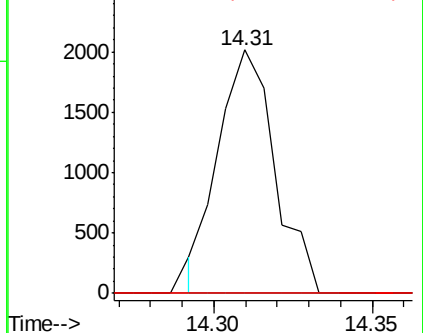
152 0.0 44.2 66.4#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

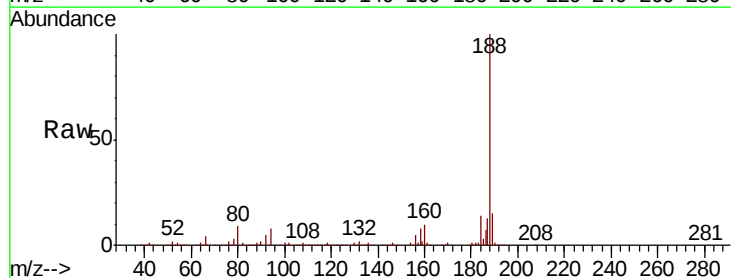
Tgt Ion:188 Resp: 1482932

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

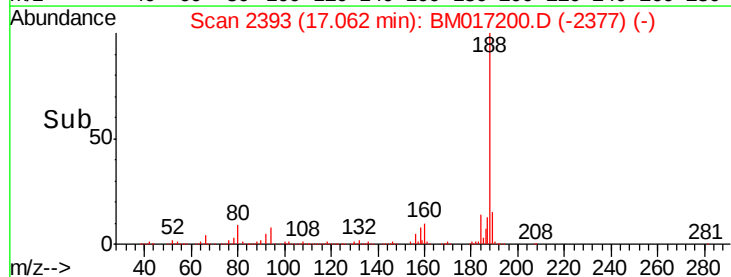
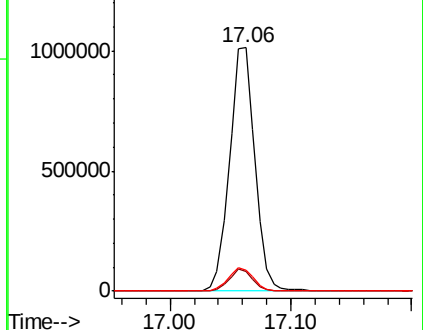
80 8.8 7.7 11.5

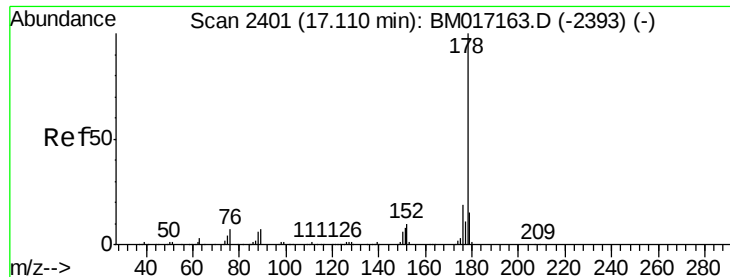


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

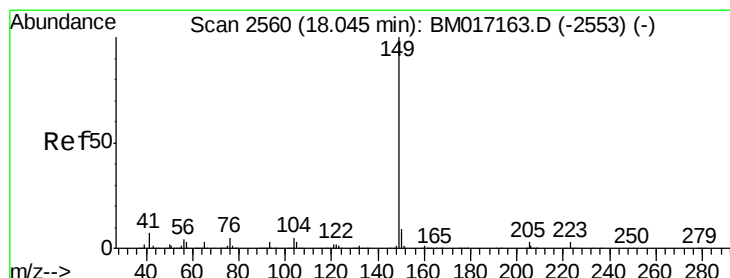
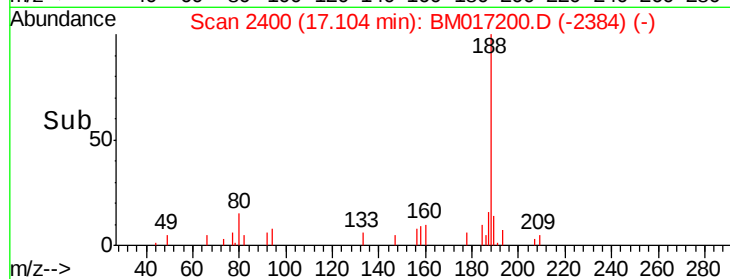
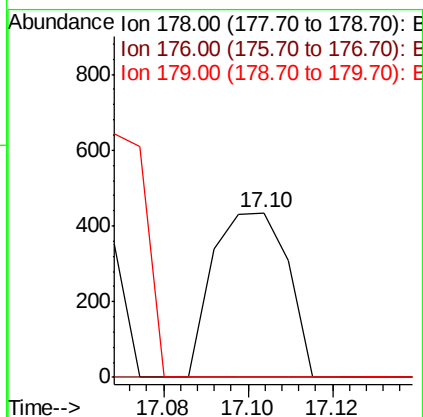
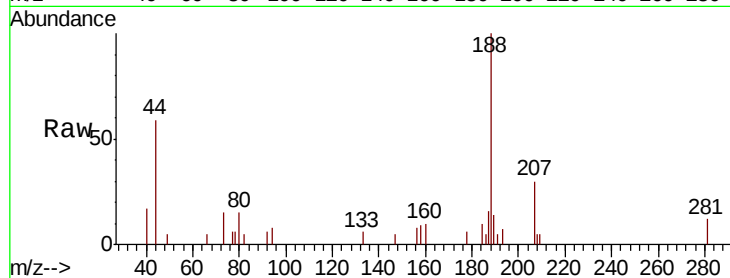




#71
Phenanthrene
Concen: 0.007 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

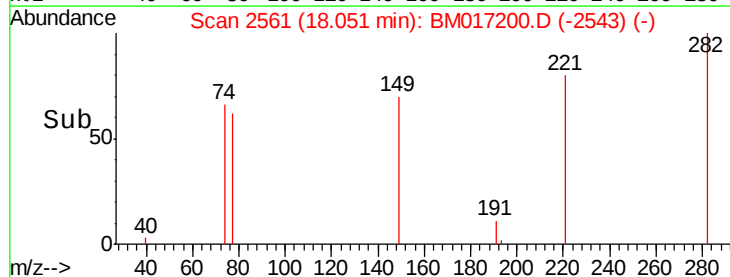
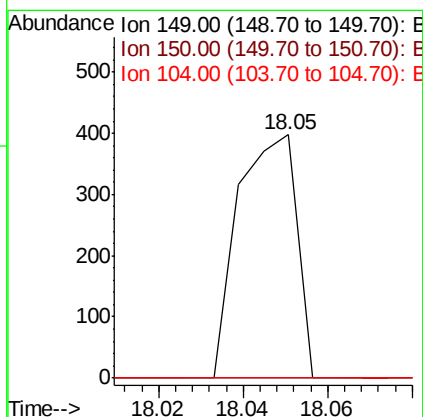
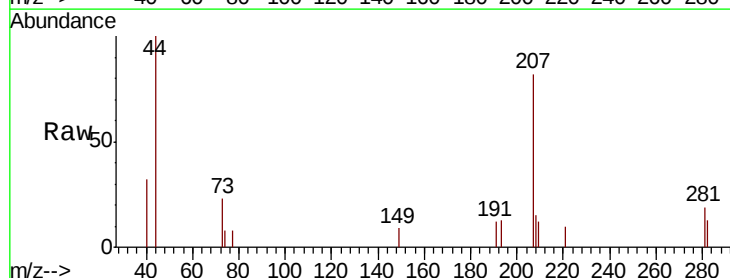
Instrument :
BNA_M
ClientSampled :

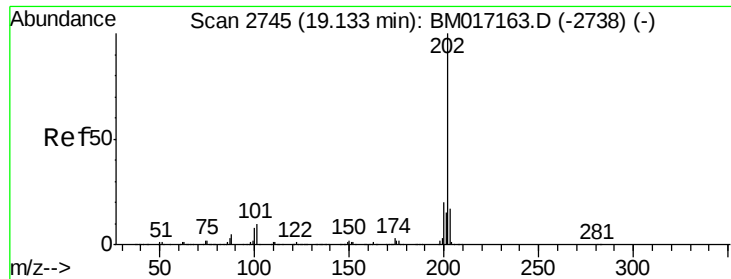
Tot Ion:178 Resp: 535
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.6#
179 0.0 12.3 18.5#



#74
Di-n-butylphthalate
Concen: 0.005 ng
RT: 18.05 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Tgt Ion:149 Resp: 383
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.3 6.5#





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.14 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

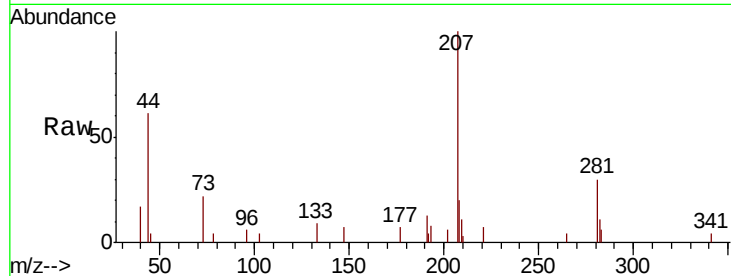
Tot Ion:202 Resp: 573

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

203 0.0 0.0 37.2

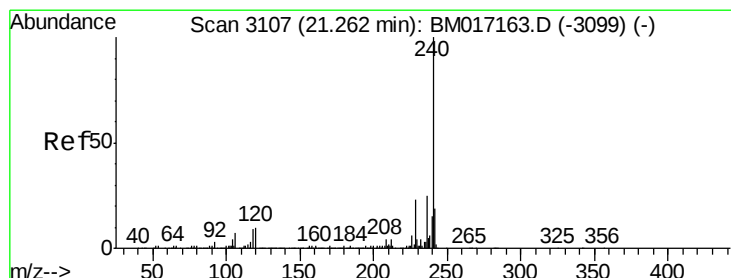
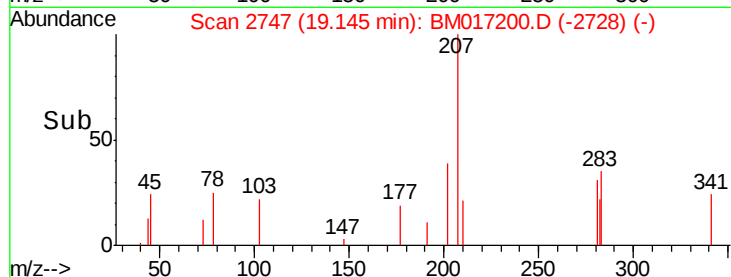
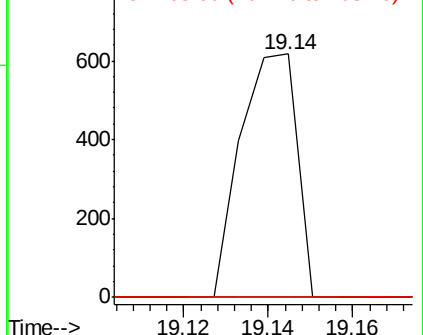


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

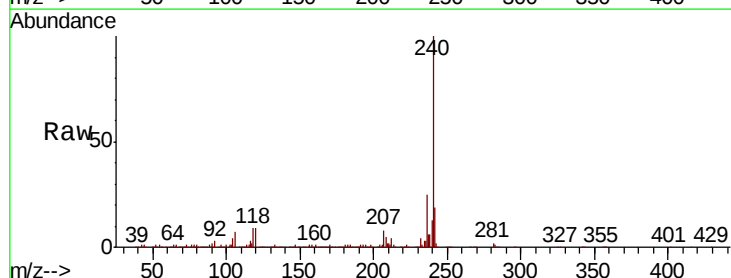
Tgt Ion:240 Resp: 1188314

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

236 25.1 19.9 29.9

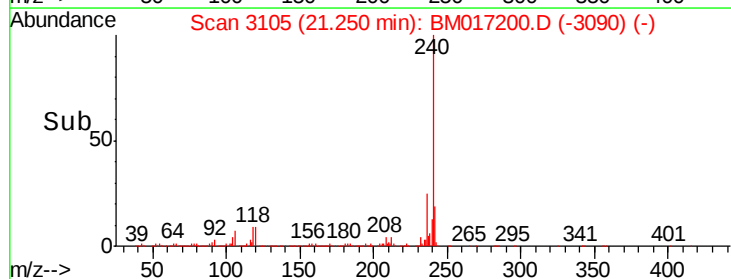
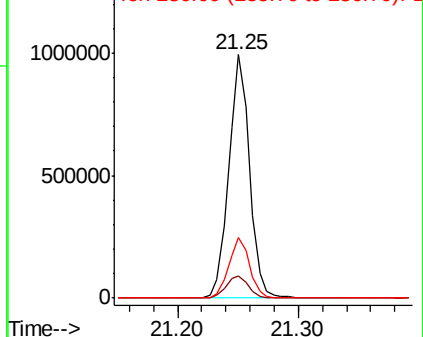


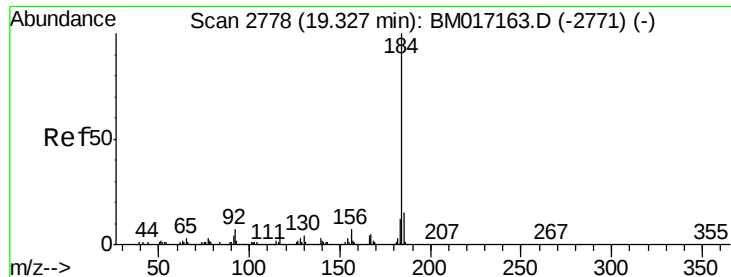
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.004 ng

RT: 19.33 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

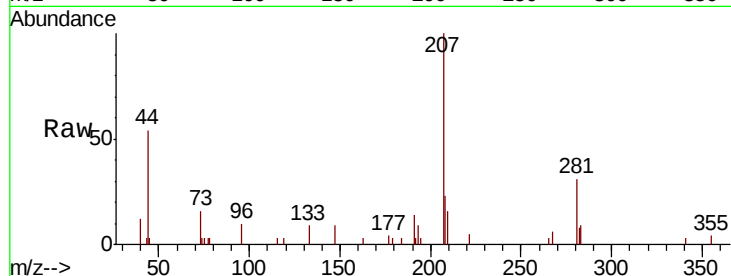
Tot Ion:184 Resp: 117

Ion Ratio Lower Upper

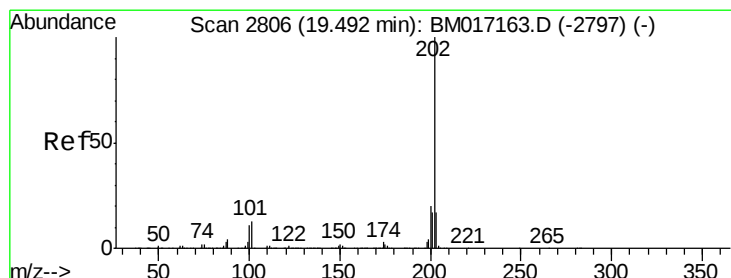
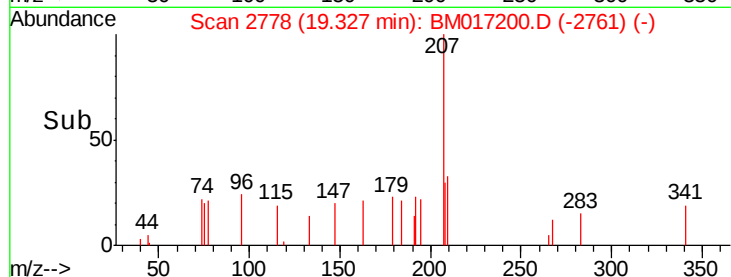
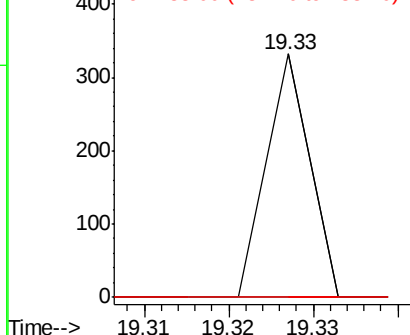
184 100

185 0.0 11.8 17.8#

183 0.0 9.7 14.5#



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



#78

Pyrene

Concen: 0.009 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

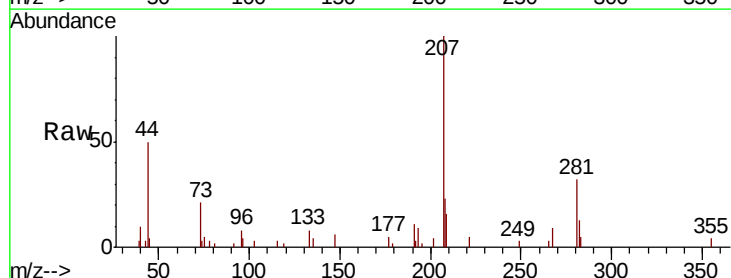
Tgt Ion:202 Resp: 569

Ion Ratio Lower Upper

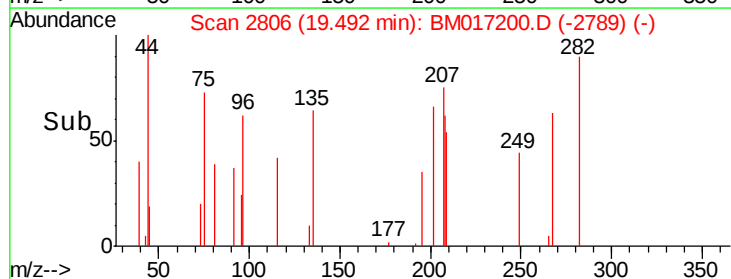
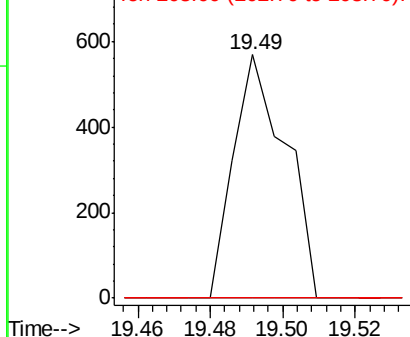
202 100

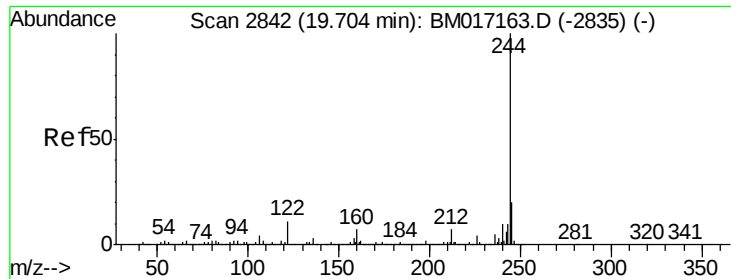
200 0.0 16.3 24.5#

203 0.0 13.9 20.9#



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

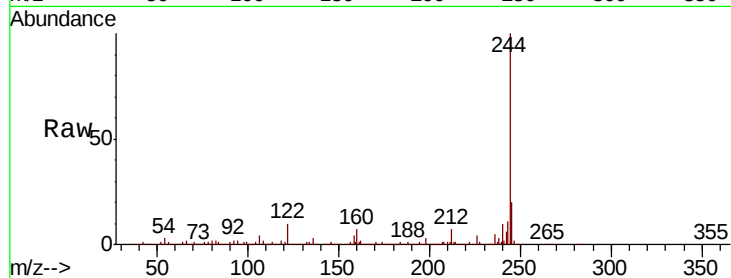




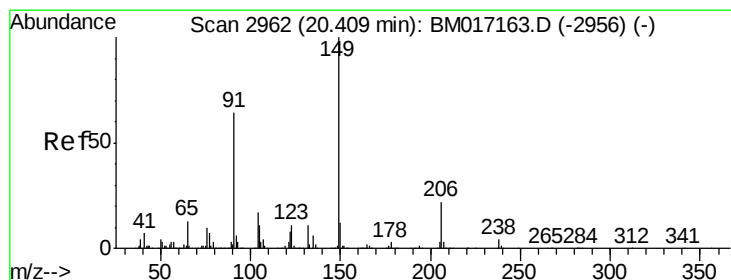
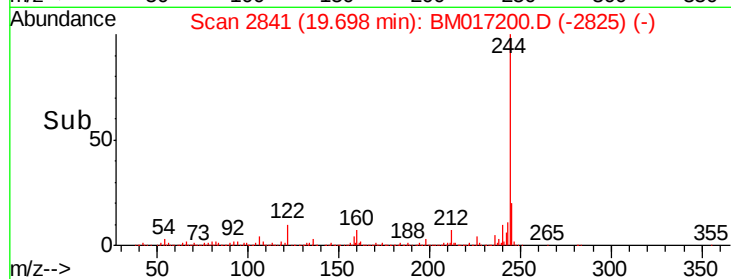
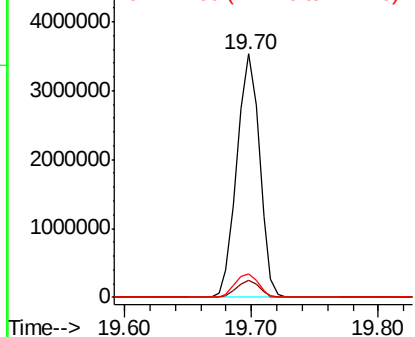
#79
 Terphenyl-d14
 Concen: 83.040 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017200.D
 Acq: 18 Oct 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4377870
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.8 8.4 12.6

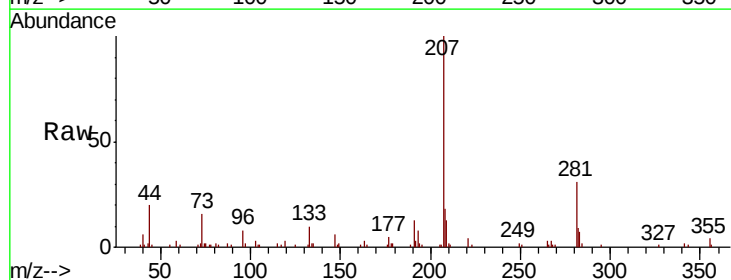


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

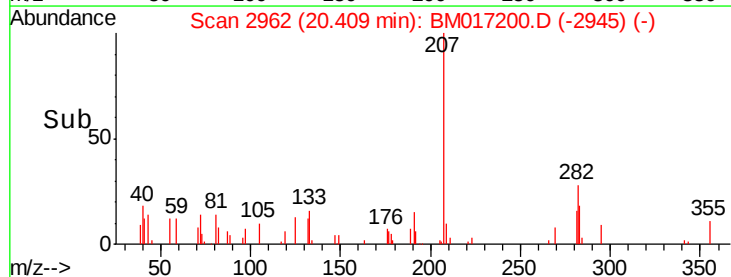
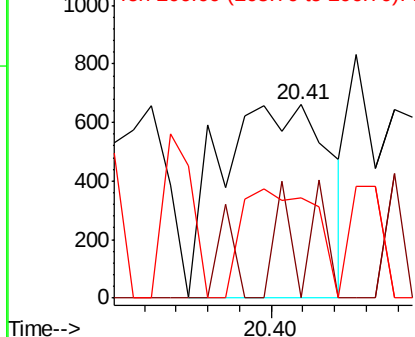


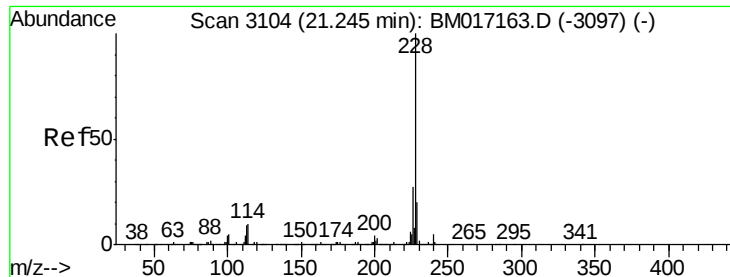
#80
 Butylbenzylphthalate
 Concen: 7.229 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BM017200.D
 Acq: 18 Oct 2018 19:33

Tgt Ion:149 Resp: 1582
 Ion Ratio Lower Upper
 149 100
 91 0.0 51.3 76.9#
 206 51.6 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

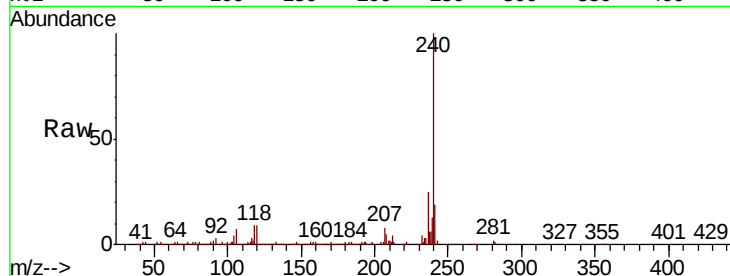
Tot Ion:228 Resp: 3454

Ion Ratio Lower Upper

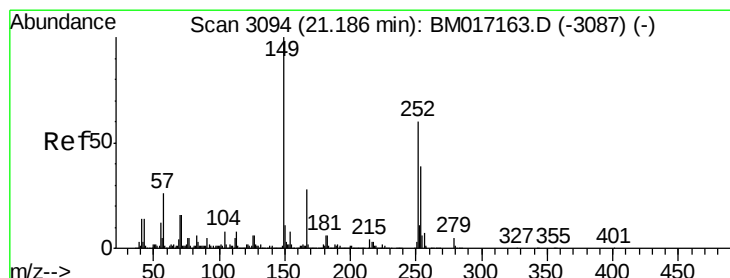
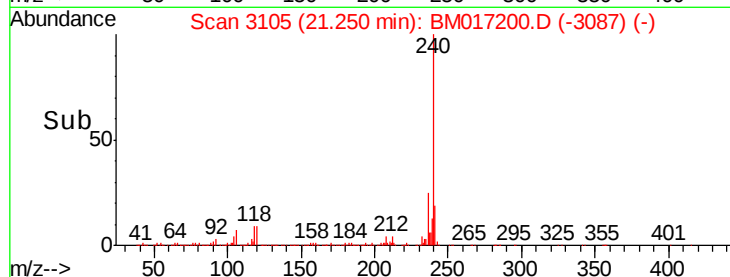
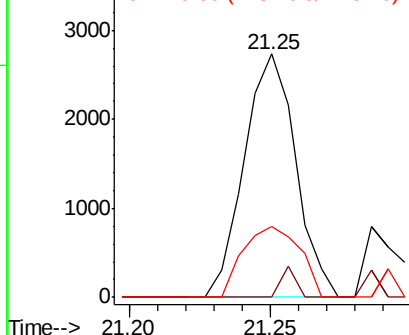
228 100

226 0.0 21.4 32.0#

229 29.2 15.9 23.9#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.027 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

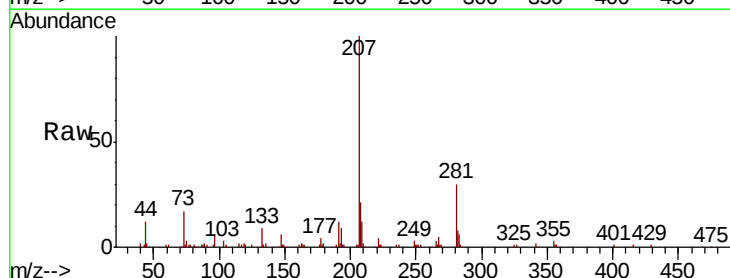
Tgt Ion:252 Resp: 669

Ion Ratio Lower Upper

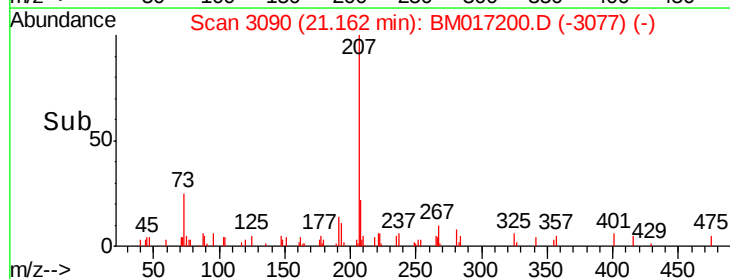
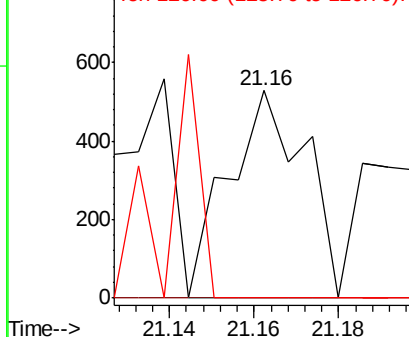
252 100

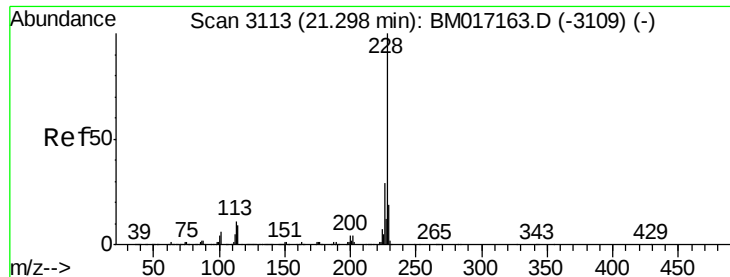
254 0.0 52.1 78.1#

126 0.0 8.6 12.8#



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





#83

Chrysene

Concen: 0.011 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

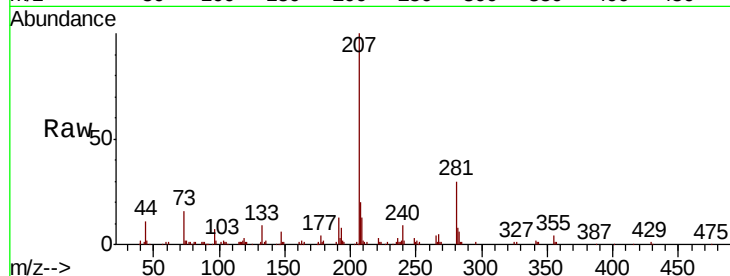
Tot Ion:228 Resp: 755

Ion Ratio Lower Upper

228 100

226 38.4 23.3 34.9#

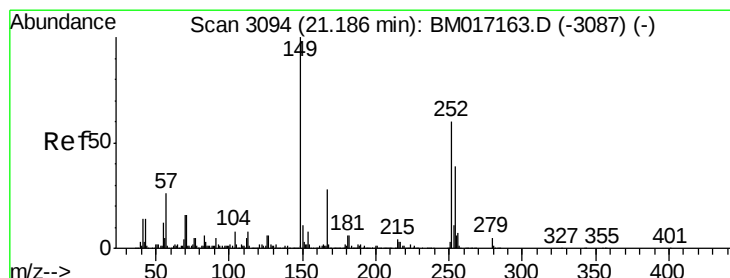
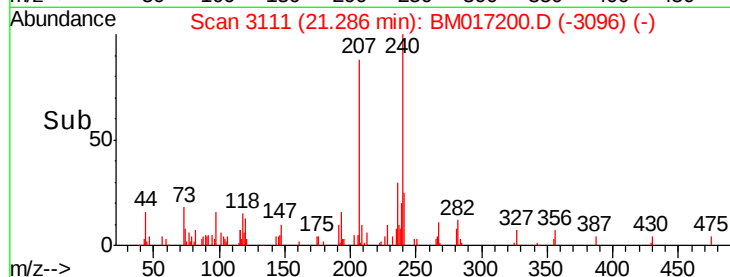
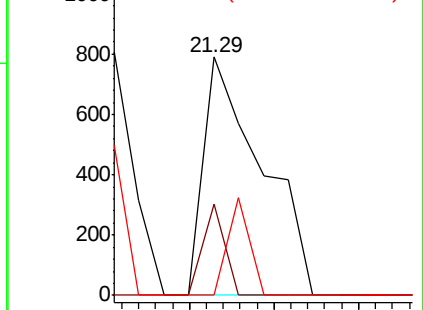
229 0.0 15.6 23.4#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.321 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

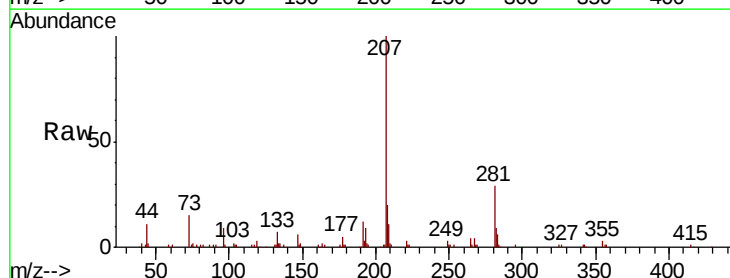
Tgt Ion:149 Resp: 552

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

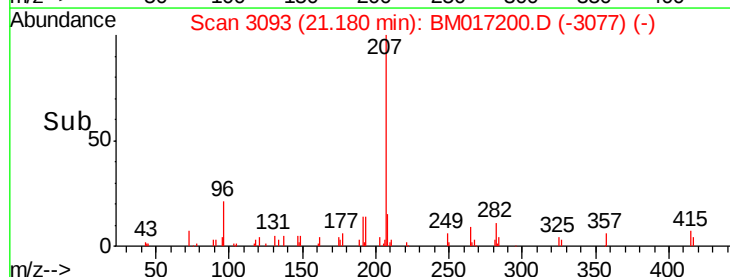
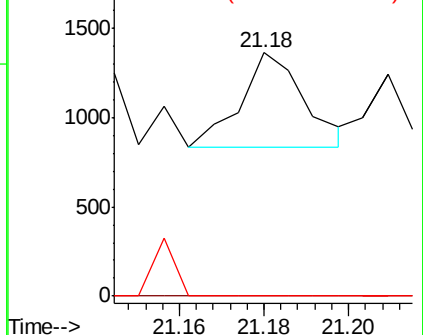
279 0.0 3.6 5.4#

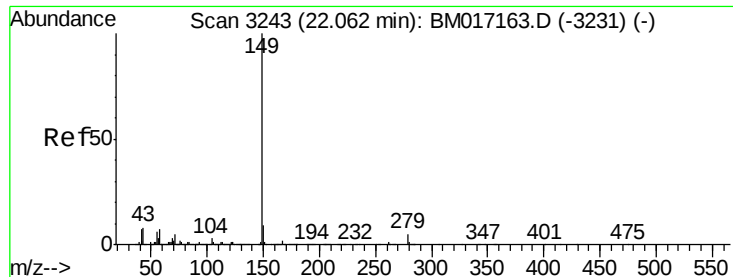


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

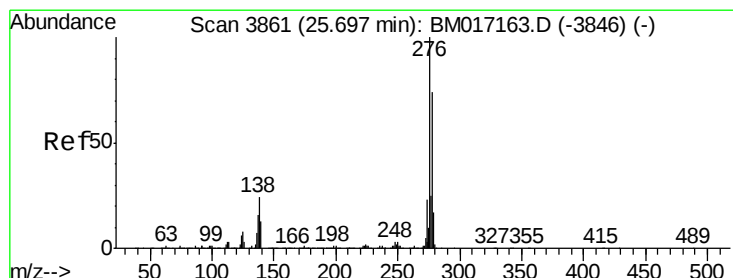
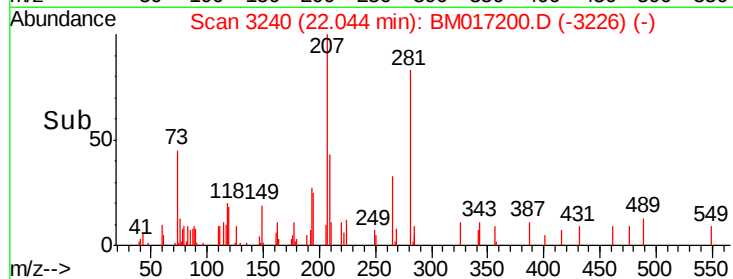
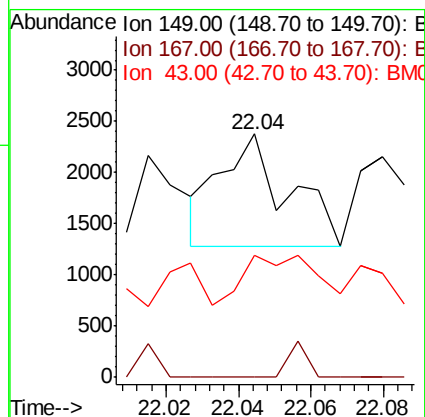
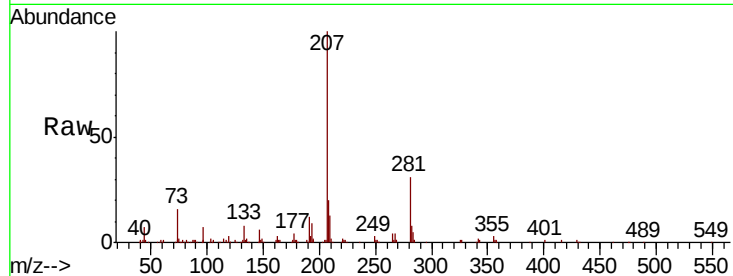




#85
Di-n-octyl phthalate
Concen: 5.591 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

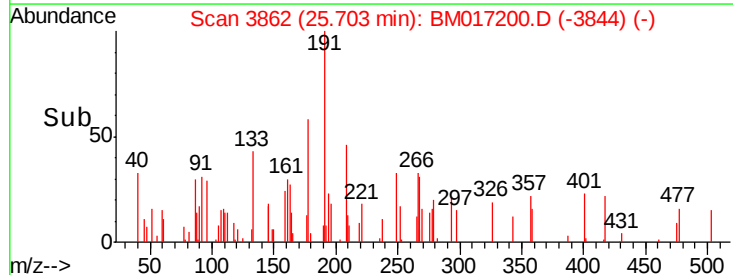
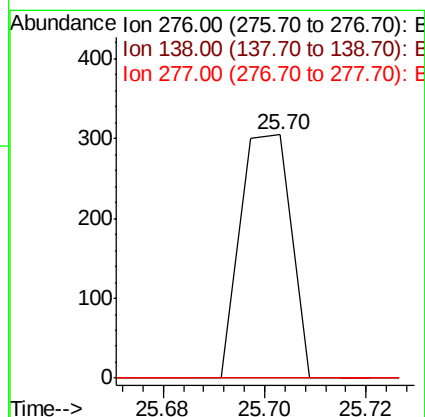
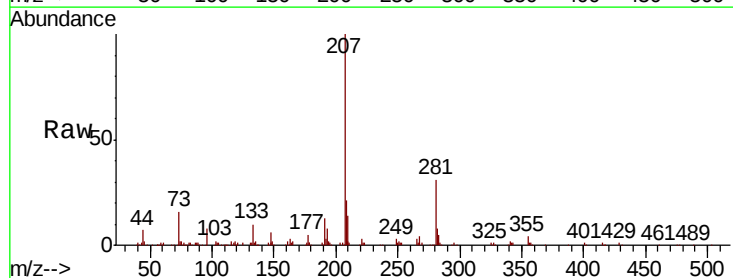
Instrument :
BNA_M
ClientSampleId :

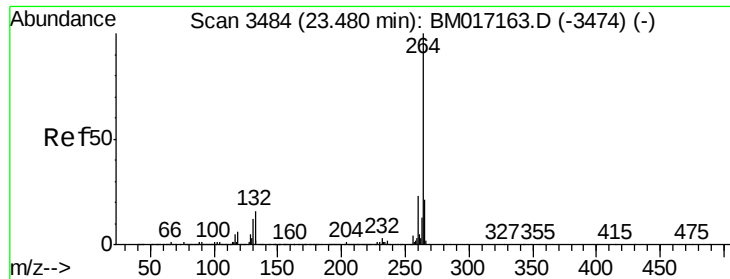
Tot Ion:149 Resp: 1424
Ion Ratio Lower Upper
149 100
167 8.6 1.4 2.0#
43 49.5 7.2 10.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 25.70 min Scan# 3862
Delta R.T. 0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Tgt Ion:276 Resp: 213
Ion Ratio Lower Upper
276 100
138 0.0 19.5 29.3#
277 0.0 20.1 30.1#



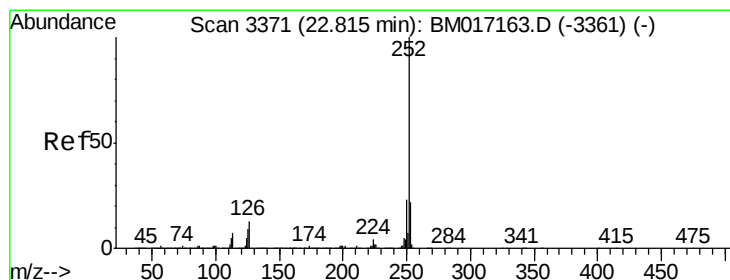
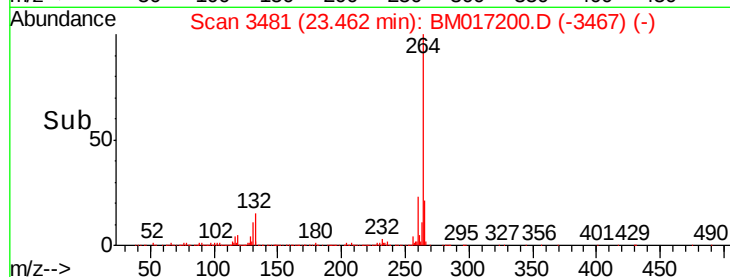
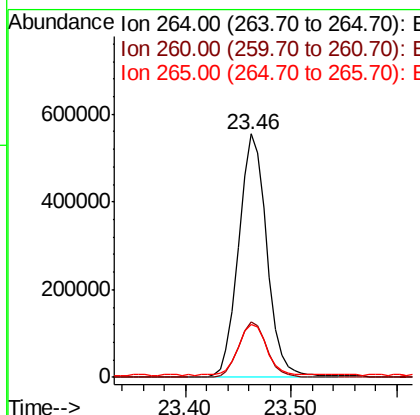
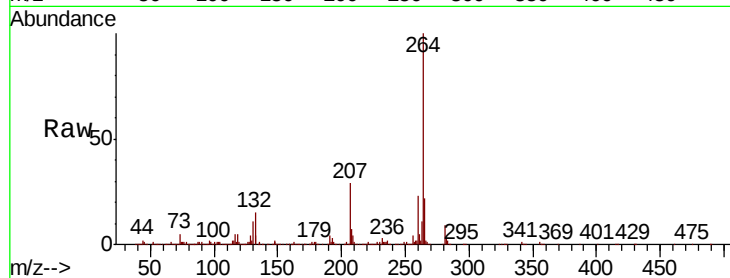


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1029047

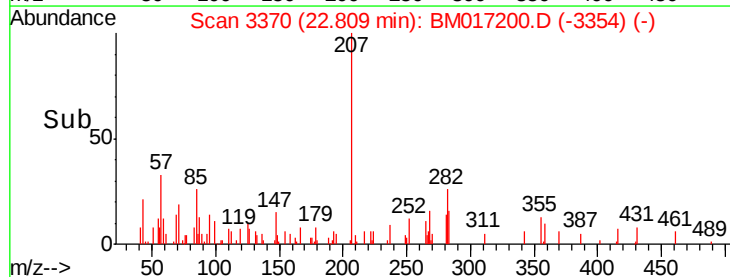
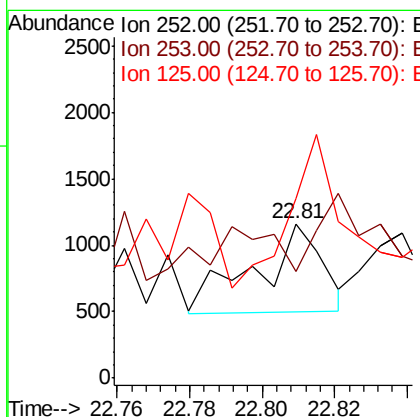
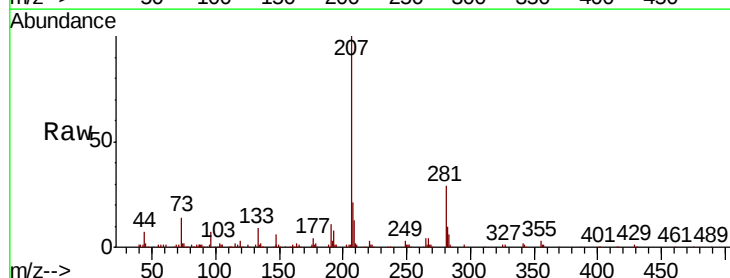
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.8	17.8	26.8

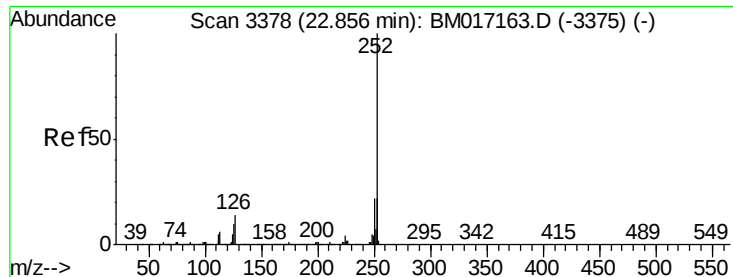


#88
Benzo(b)fluoranthene
Concen: 0.015 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM017200.D
Acq: 18 Oct 2018 19:33

Tgt Ion:252 Resp: 842

Ion	Ratio	Lower	Upper
252	100		
253	69.3	17.4	26.2#
125	116.7	7.5	11.3#





#89

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampled :

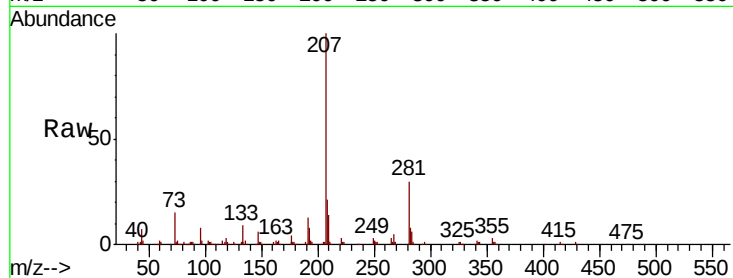
Tot Ion:252 Resp: 1373

Ion Ratio Lower Upper

252 100

253 81.5 17.5 26.3#

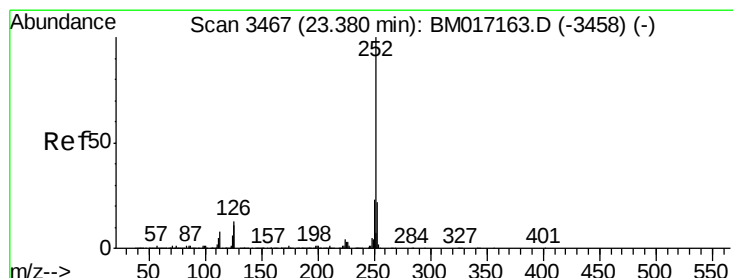
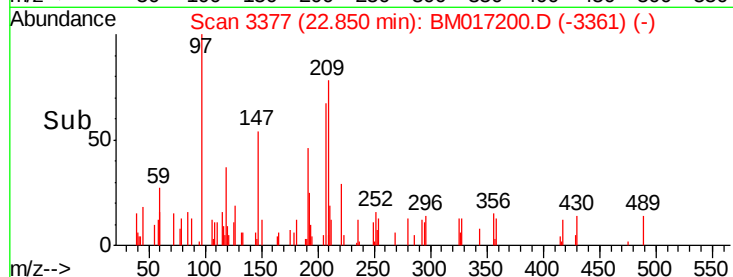
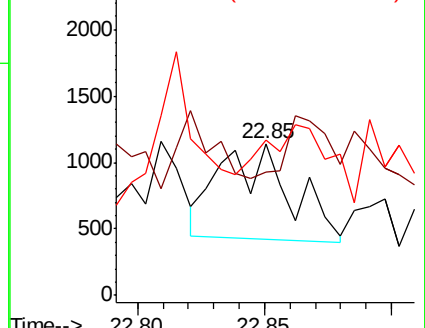
125 102.1 8.2 12.2#



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



#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

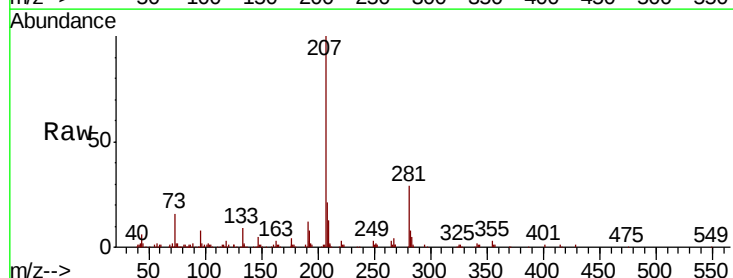
Tgt Ion:252 Resp: 577

Ion Ratio Lower Upper

252 100

253 95.0 17.4 26.0#

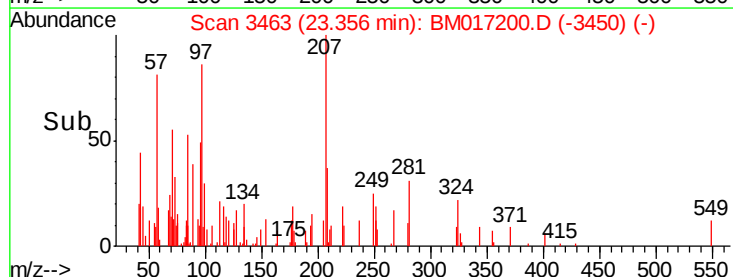
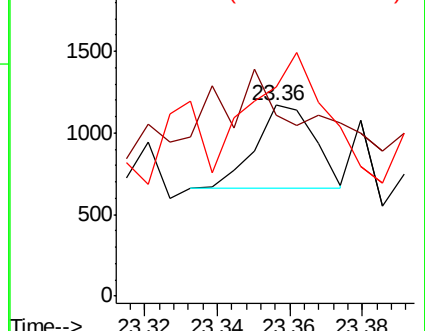
125 109.3 8.6 13.0#

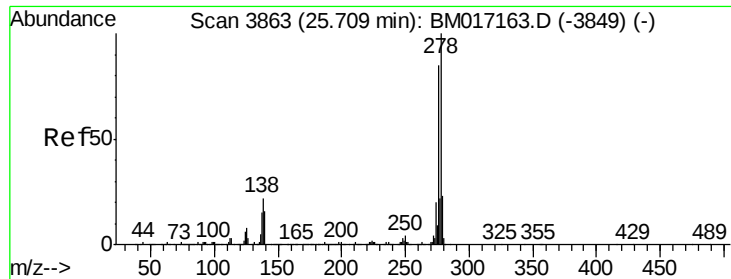


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.008 ng

RT: 25.70 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM017200.D

Acq: 18 Oct 2018 19:33

Instrument :

BNA_M

ClientSampleId :

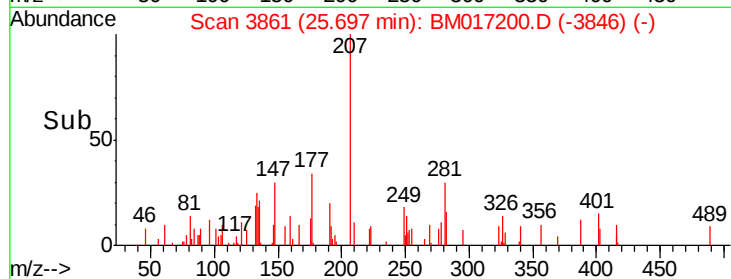
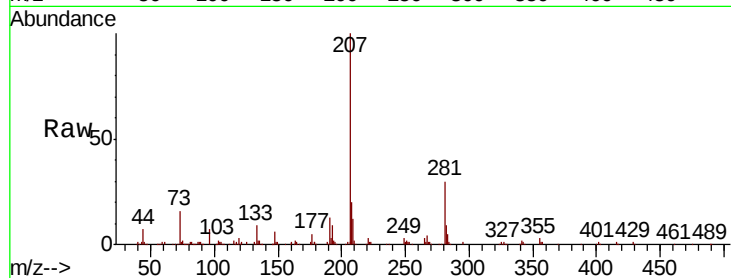
Tot Ion: 278 Resp: 405

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

279 0.0 18.7 28.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

