

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017233.D
 Acq On : 19 Oct 2018 17:03
 Operator : MJ/SJ
 Sample : J5304-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

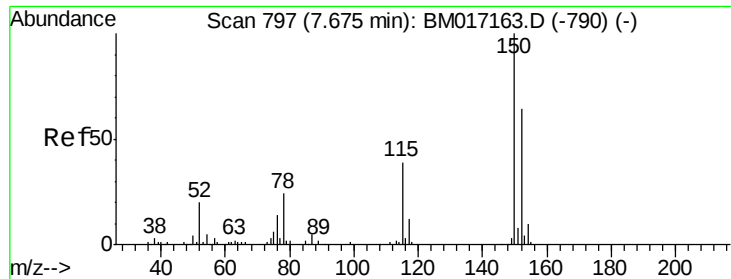
Quant Time: Oct 20 03:51:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	291583	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1162555	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	686484	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1514595	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1403602	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1354720	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	702097	40.73	ng	0.00
7) Phenol-d6	6.85	99	566321	24.12	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1410112	70.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	906749	97.67	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3464826	67.16	ng	-0.01
79) Terphenyl-d14	19.70	244	4547590	73.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	514	0.058	ng	# 1
3) Pyridine	3.89	79	118	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	146	0.018	ng	# 1
8) 2-Chlorophenol	7.23	128	241	0.012	ng	# 1
9) Benzaldehyde	6.85	77	1738	0.116	ng	# 1
10) Phenol	6.87	94	71540	2.831	ng	96
15) Benzyl Alcohol	7.98	79	22197	1.293	ng	# 47
24) Nitrobenzene	8.86	77	162	0.008	ng	# 36
46) 1,1'-Biphenyl	13.14	154	4510	0.073	ng	97
50) Dimethylphthalate	13.77	163	270822	5.113	ng	99
51) 2,6-Dinitrotoluene	13.83	165	223	0.019	ng	# 25
52) Acenaphthene	14.31	154	2425	0.059	ng	# 4
60) Diethylphthalate	15.14	149	7881	0.150	ng	96
63) Azobenzene	15.66	77	116	0.002	ng	# 48
71) Phenanthrene	17.09	178	905	0.011	ng	# 60
74) Di-n-butylphthalate	18.03	149	8370	0.100	ng	# 91
75) Fluoranthene	19.13	202	893	0.010	ng	65
78) Pyrene	19.50	202	862	0.011	ng	# 58
80) Butylbenzylphthalate	20.40	149	2761	7.255	ng	# 58
81) Benzo(a)anthracene	21.25	228	4344	0.055	ng	# 61
82) 3,3'-Dichlorobenzidine	21.16	252	860	0.029	ng	# 25
83) Chrysene	21.29	228	1181	0.015	ng	# 79
84) Bis(2-ethylhexyl)phthalate	21.17	149	8290	5.469	ng	93
85) Di-n-octyl phthalate	22.04	149	691	5.579	ng	# 1
88) Benzo(b)fluoranthene	22.80	252	583	0.008	ng	# 1
89) Benzo(k)fluoranthene	22.84	252	1359	0.018	ng	# 1
90) Benzo(a)pyrene	23.36	252	933	0.013	ng	# 1

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

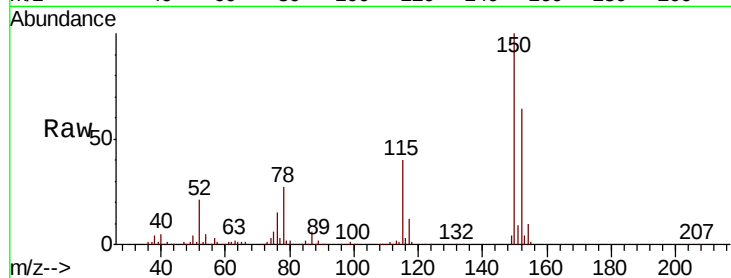


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	63.0	48.1	72.1

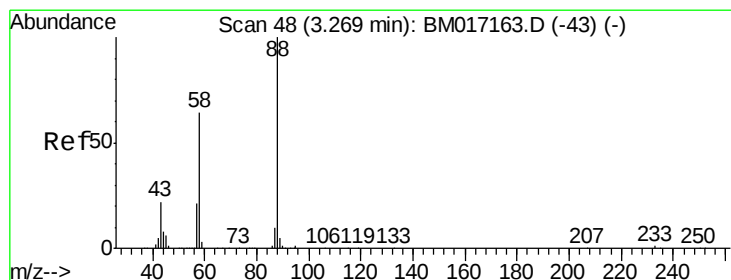
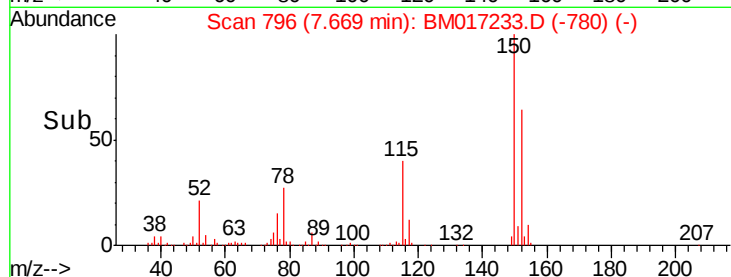
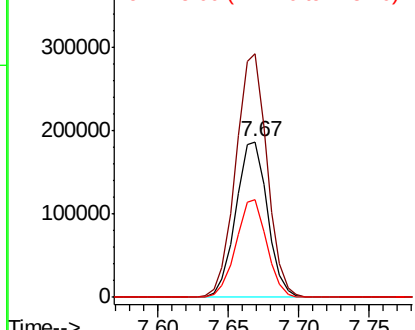


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

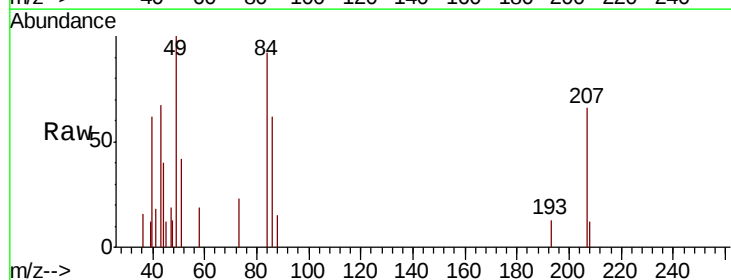
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.058 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.05 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	194.0	50.2	75.4#
43	117.9	19.3	28.9#

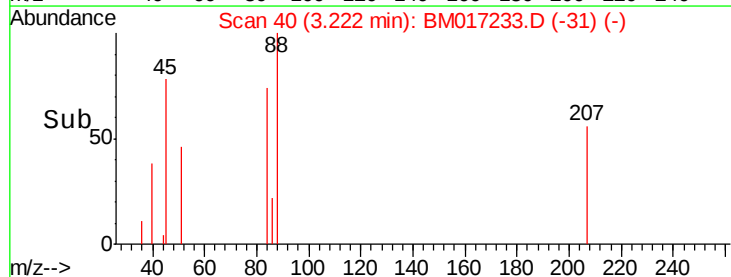
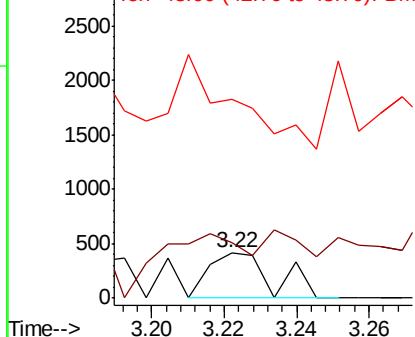


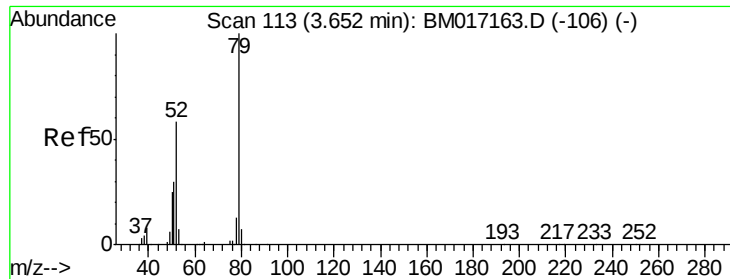
Abundance

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: 0.006 ng

RT: 3.89 min Scan# 154

Delta R.T. 0.24 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

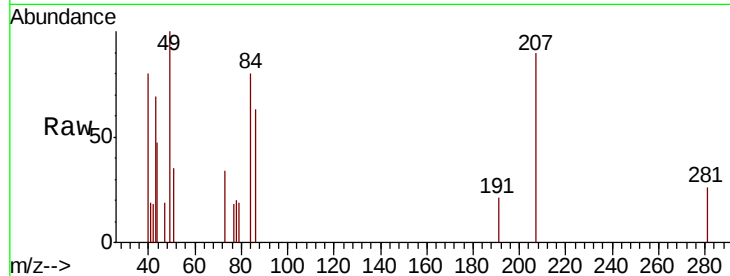
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

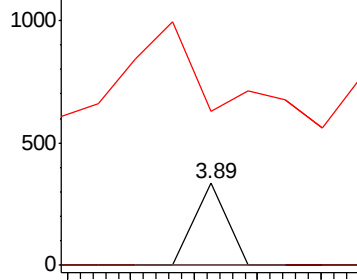
51 188.0 24.6 37.0#



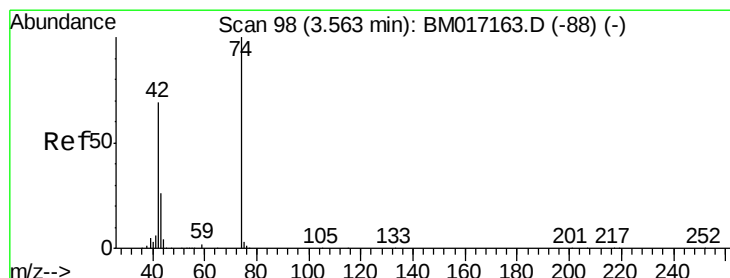
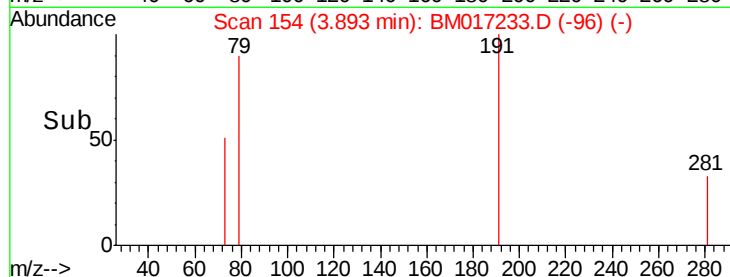
Abundance Ion 79.00 (78.70 to 79.70): BM017233.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017233.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017233.D (-106) (-)



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.018 ng

RT: 3.59 min Scan# 103

Delta R.T. 0.03 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

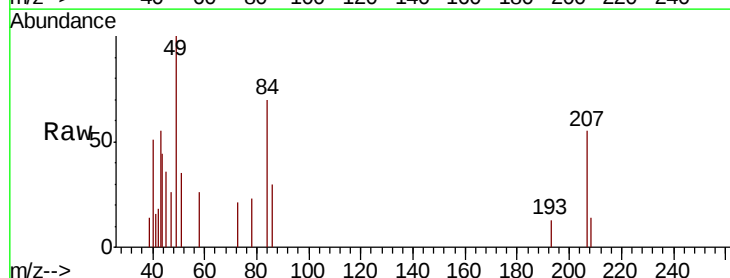
Tgt Ion: 42 Resp: 146

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

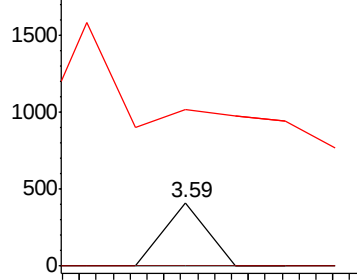
44 244.6 48.6 73.0#



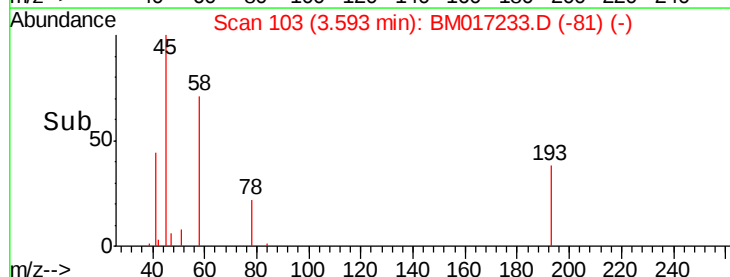
Abundance Ion 42.00 (41.70 to 42.70): BM017233.D (-88) (-)

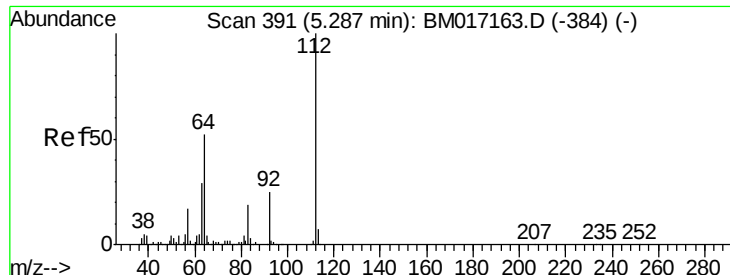
Ion 74.00 (73.70 to 74.70): BM017233.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017233.D (-88) (-)



Time-->





#5

2-Fluorophenol

Concen: 40.725 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

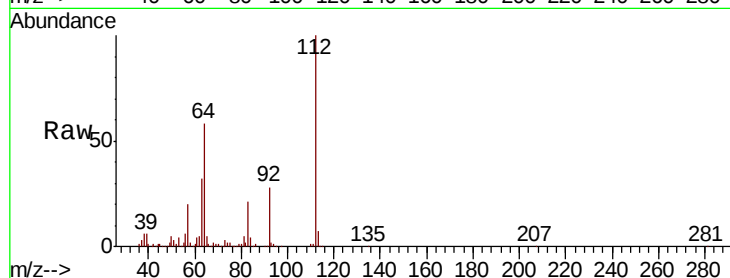
Tot Ion:112 Resp: 702097

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

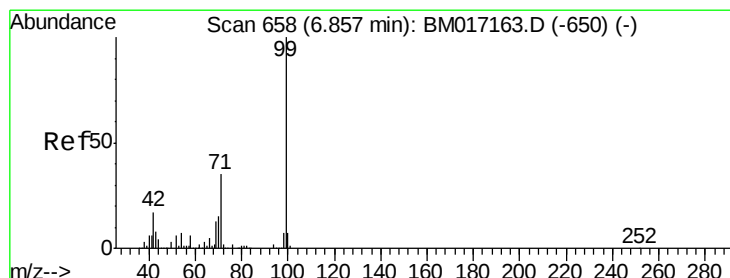
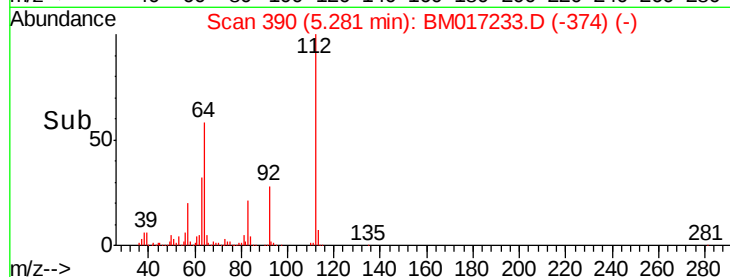
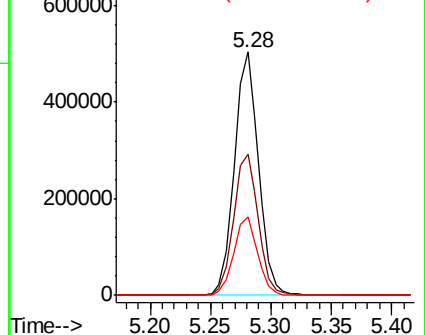
63 32.2 23.0 34.4



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: 24.120 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

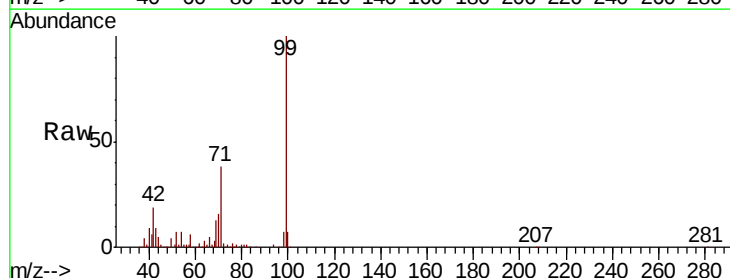
Tgt Ion: 99 Resp: 566321

Ion Ratio Lower Upper

99 100

42 18.9 13.3 19.9

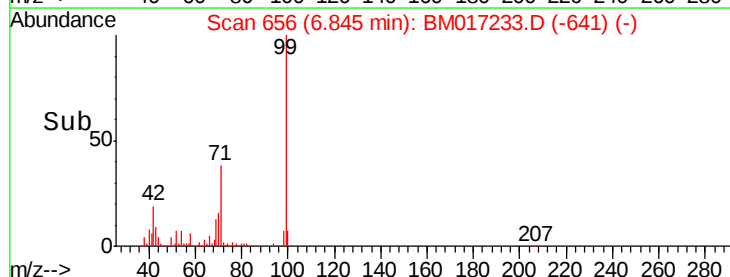
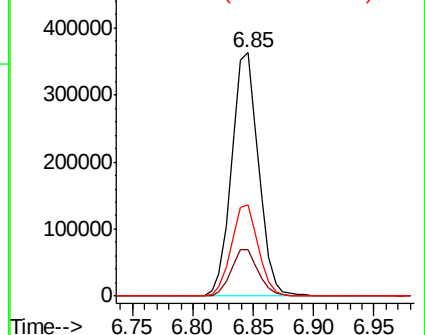
71 37.6 28.0 42.0

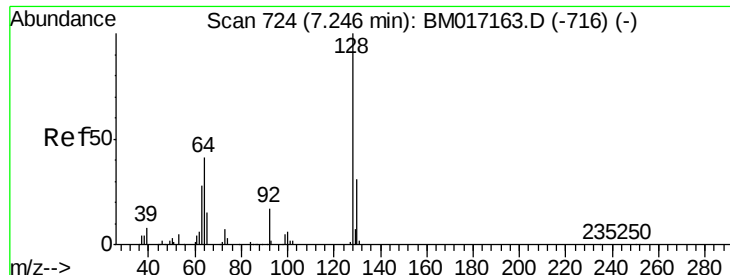


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.012 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

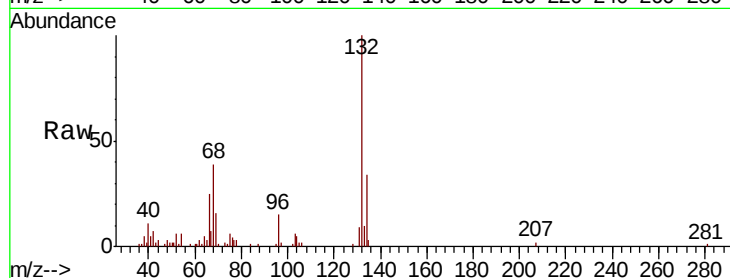
Tot Ion:128 Resp: 241

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

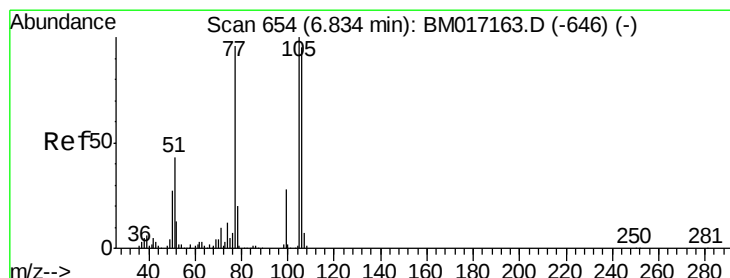
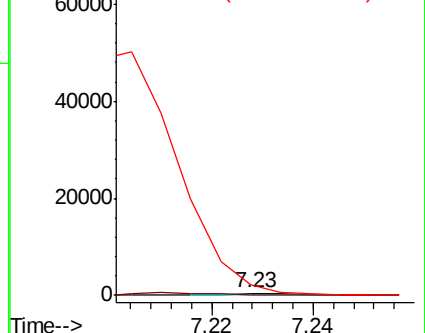
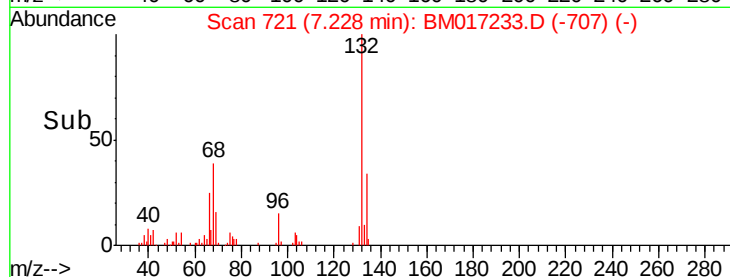
64 545.4 24.1 64.1#



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): B



#9

Benzaldehyde

Concen: 0.116 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

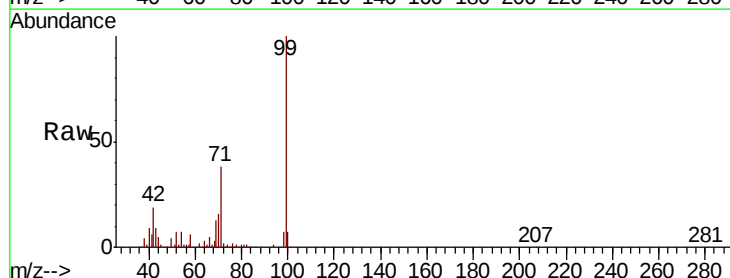
Tgt Ion: 77 Resp: 1738

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

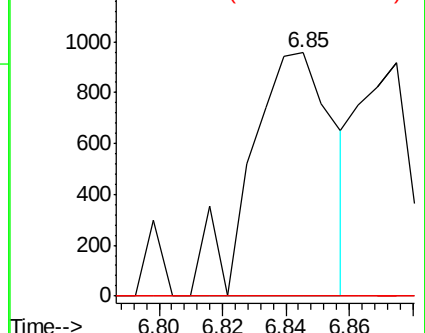
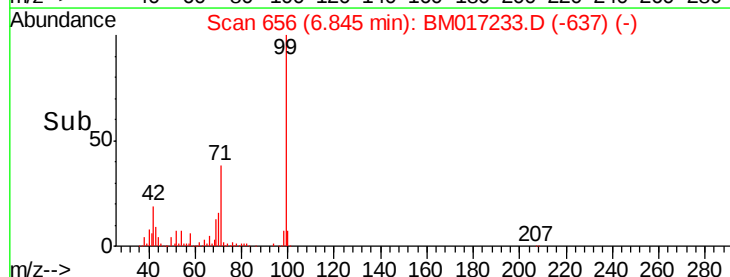
106 0.0 78.2 118.2#

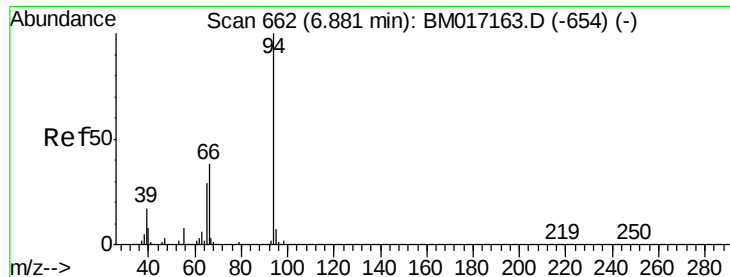


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.831 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

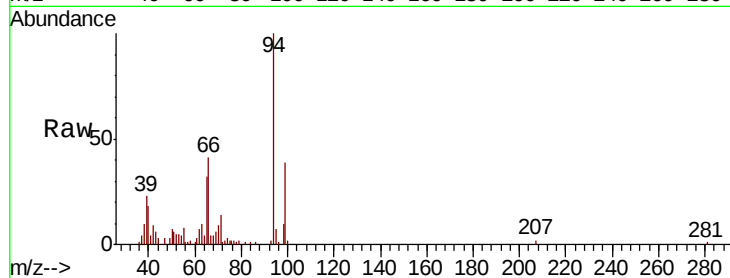
Tot Ion: 94 Resp: 71540

Ion Ratio Lower Upper

94 100

65 31.7 9.4 49.4

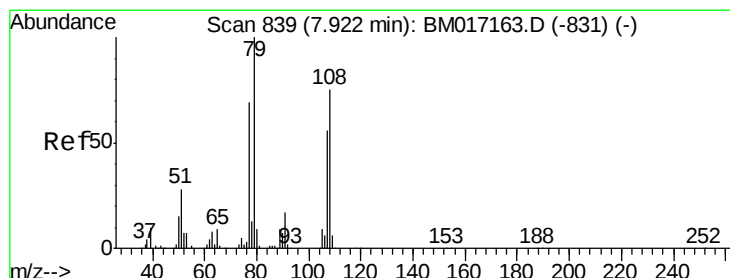
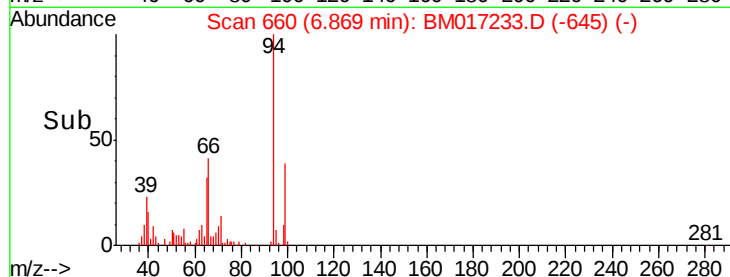
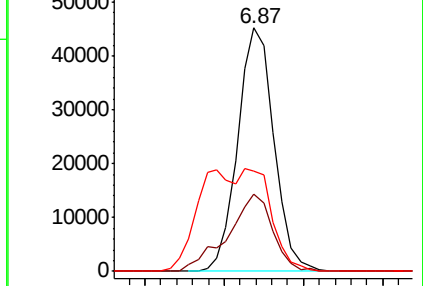
66 41.2 19.0 59.0



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) (-)



#15

Benzyl Alcohol

Concen: 1.293 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

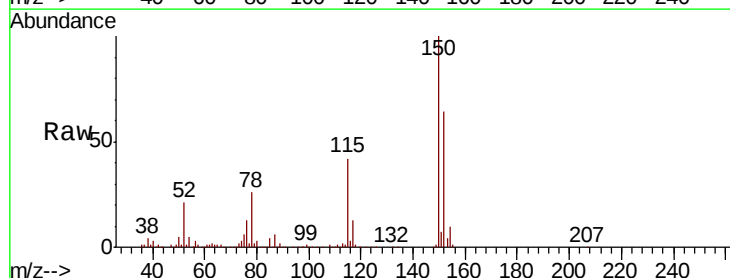
Tgt Ion: 79 Resp: 22197

Ion Ratio Lower Upper

79 100

108 35.8 60.3 90.5#

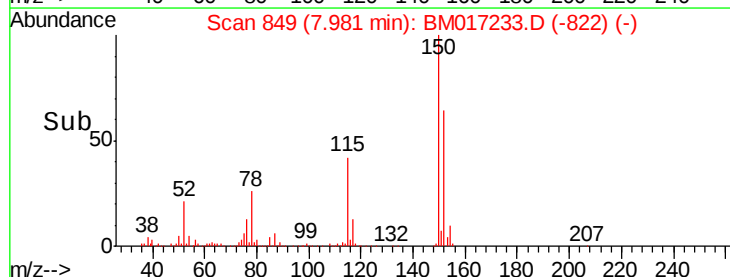
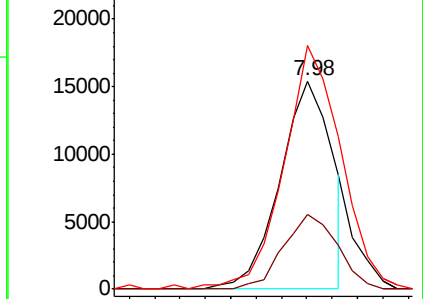
77 117.0 54.8 82.2#

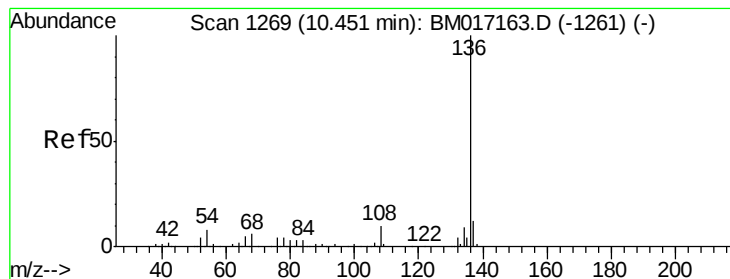


Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1162555

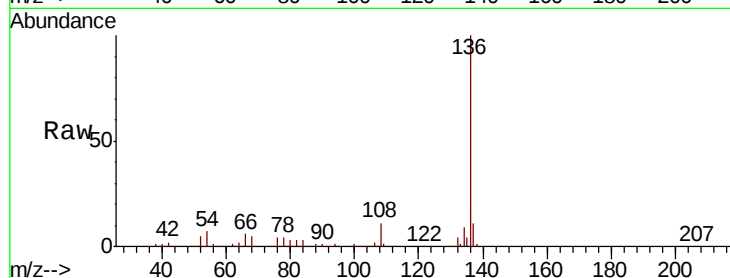
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 6.7 10.1

68 5.2 4.7 7.1

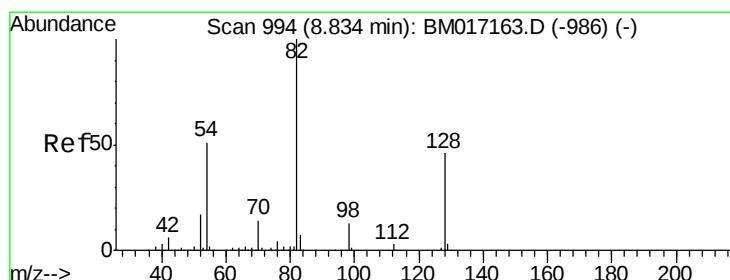
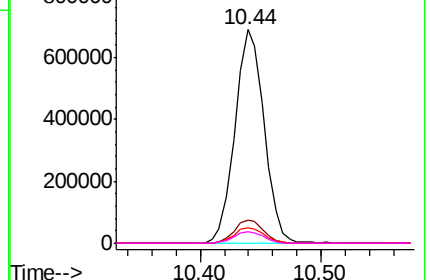
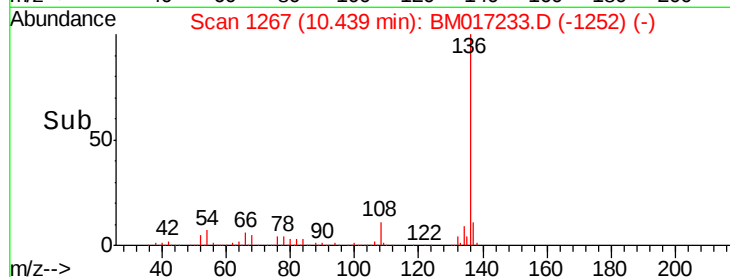


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.940 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

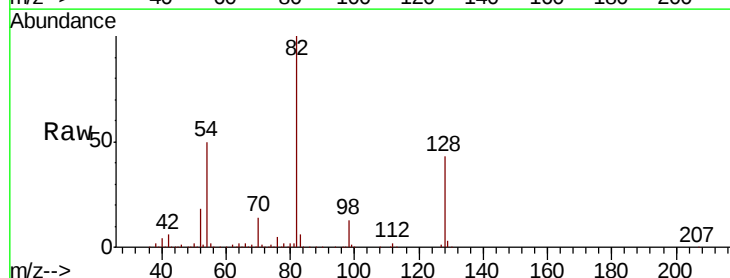
Tgt Ion: 82 Resp: 1410112

Ion Ratio Lower Upper

82 100

128 42.8 37.0 55.6

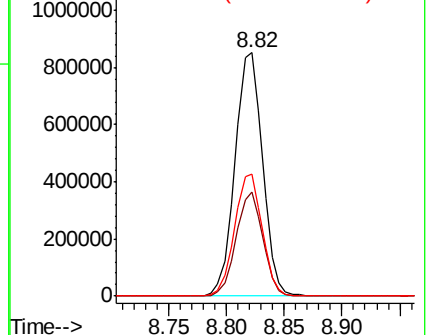
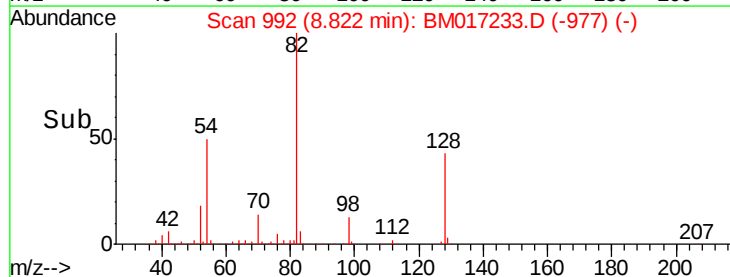
54 50.2 40.7 61.1

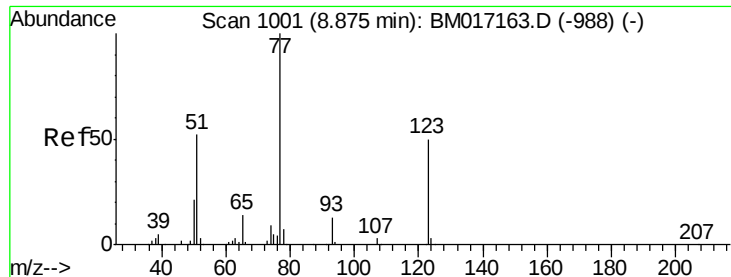


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

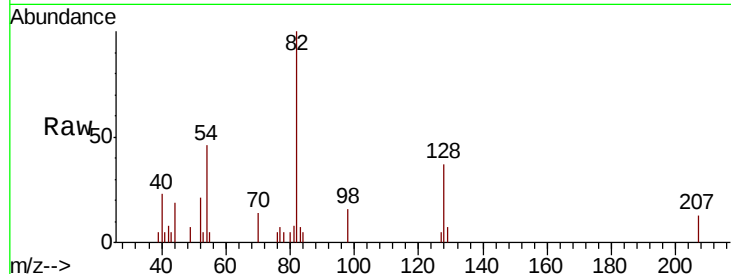




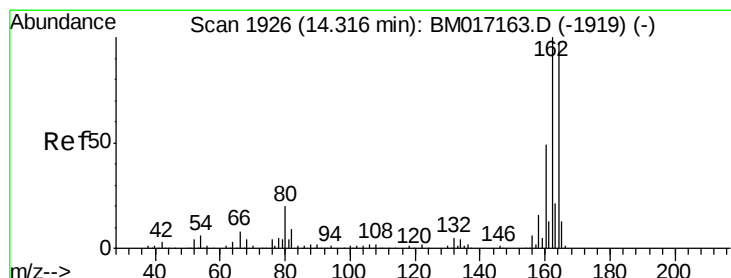
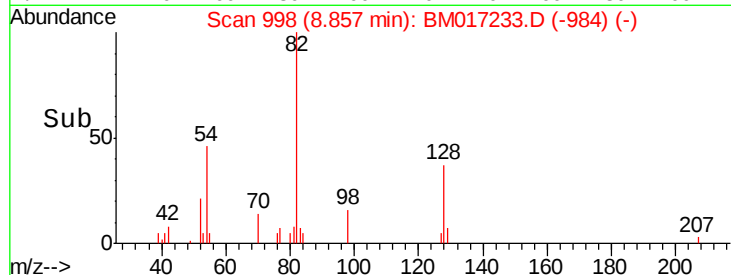
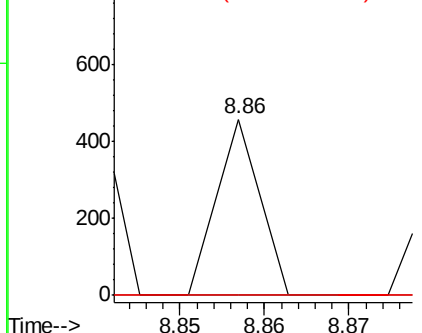
#24
Nitrobenzene
Concen: 0.008 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.02 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.2	60.4
65	0.0	11.4	17.0

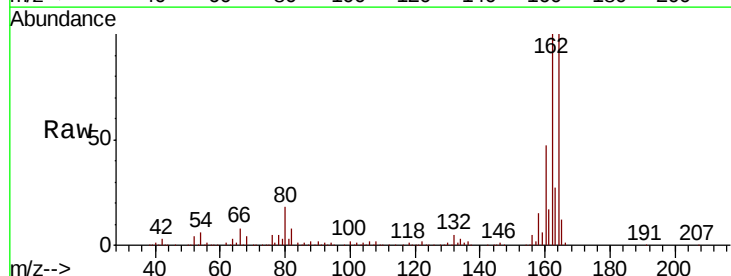


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

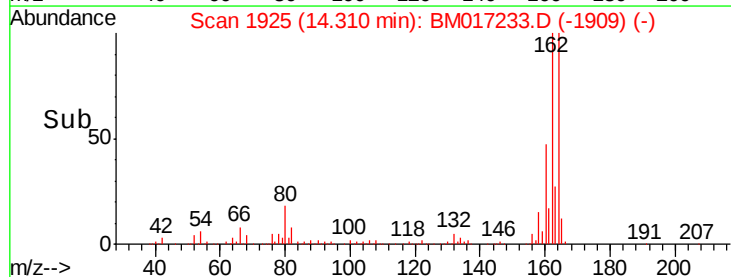
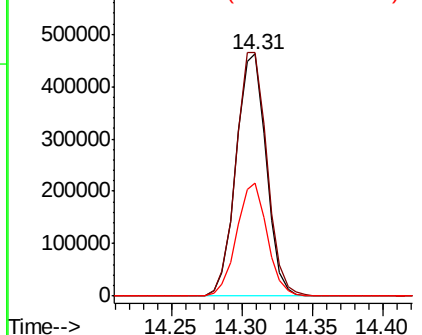


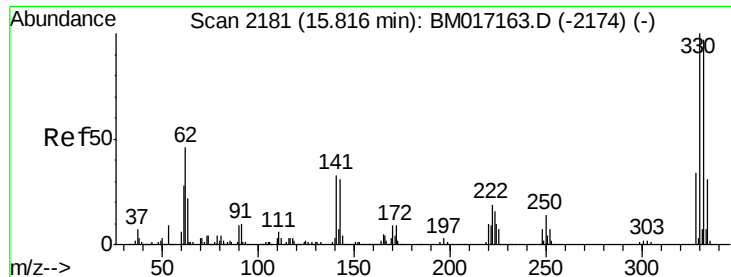
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	46.7	40.2	60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)
Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)
Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)





#42

2,4,6-Tribromophenol

Concen: 97.671 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

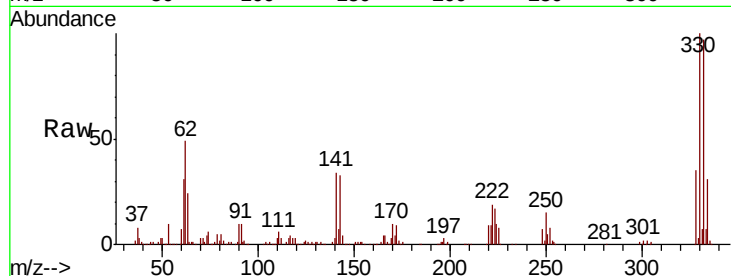
Tot Ion:330 Resp: 906749

Ion Ratio Lower Upper

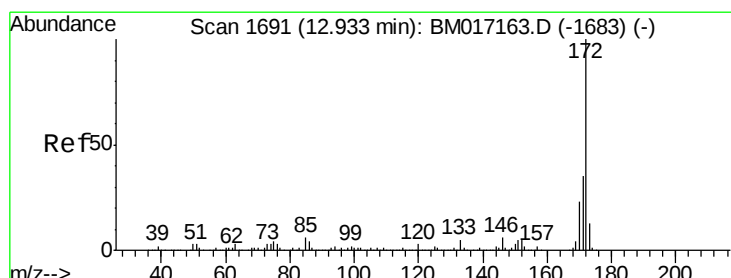
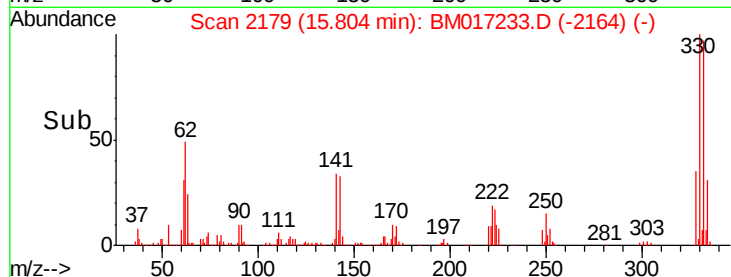
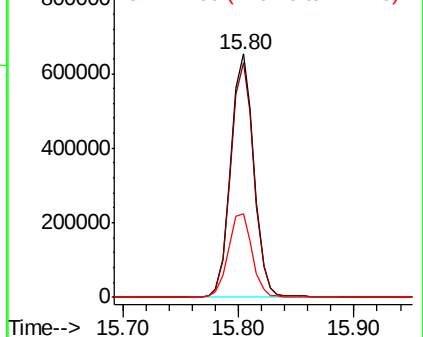
330 100

332 96.9 77.3 115.9

141 35.3 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: 67.155 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

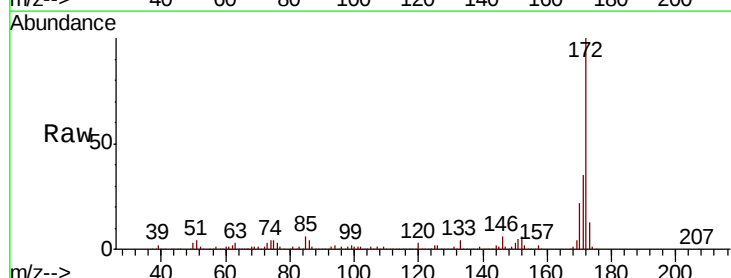
Tgt Ion:172 Resp: 3464826

Ion Ratio Lower Upper

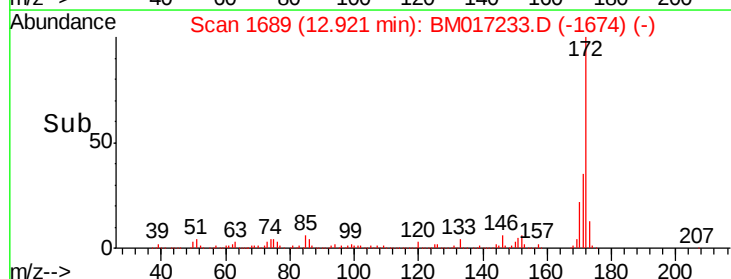
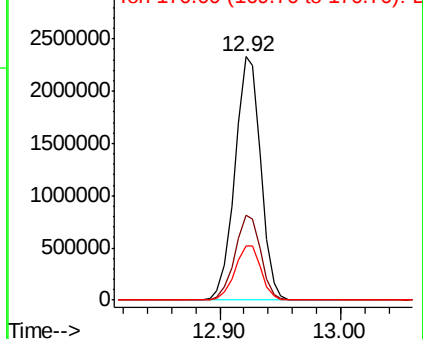
172 100

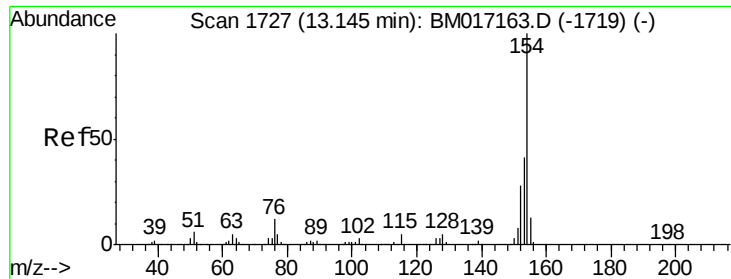
171 34.6 28.3 42.5

170 22.4 18.3 27.5



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

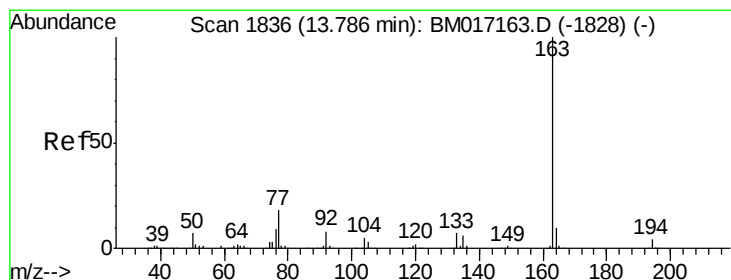
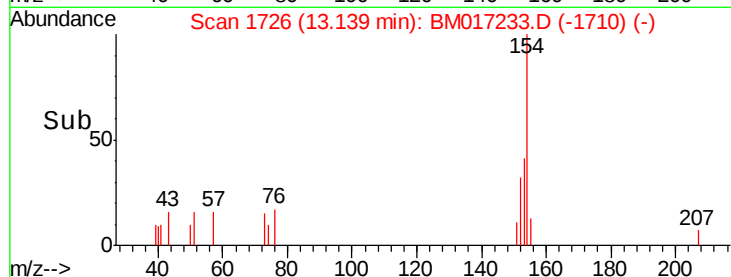
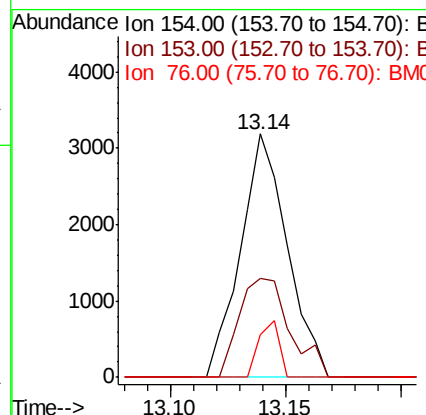
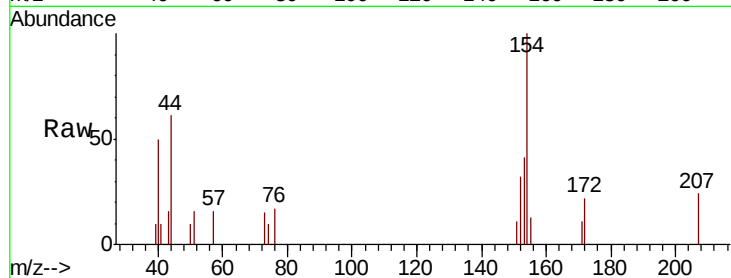




#46
 1,1'-Biphenyl
 Concen: 0.073 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

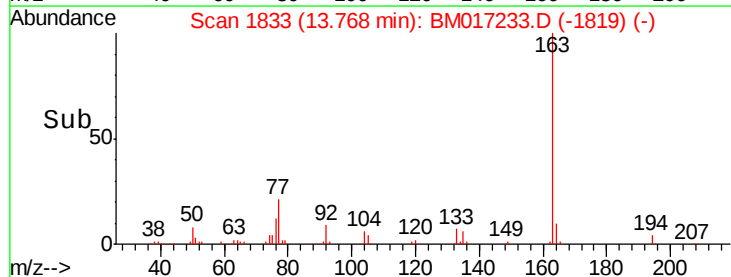
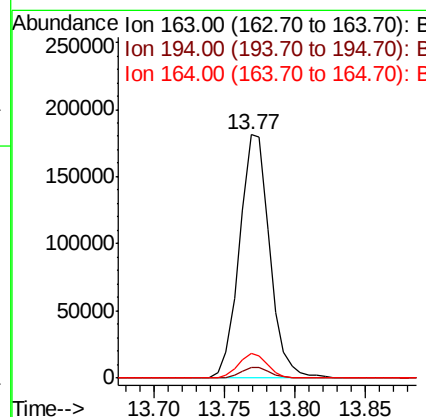
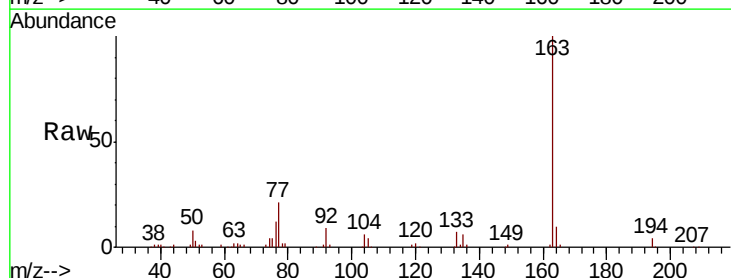
Instrument :
 BNA_M
 ClientSampleId :

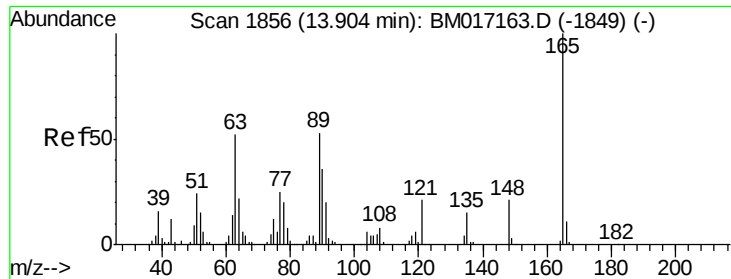
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	17.4	0.0	31.8



#50
 Dimethylphthalate
 Concen: 5.113 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	7.8	11.8

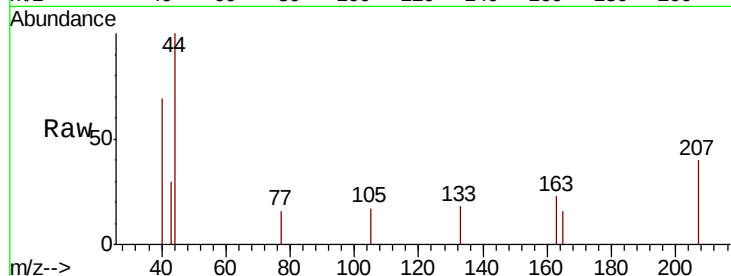




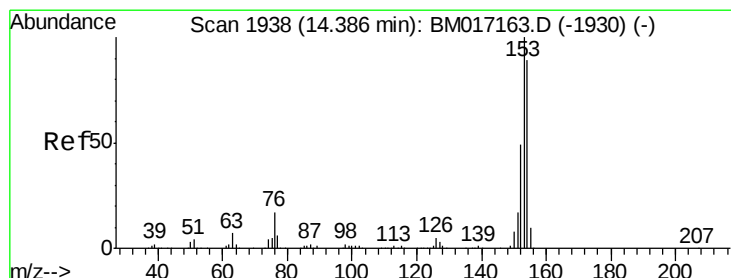
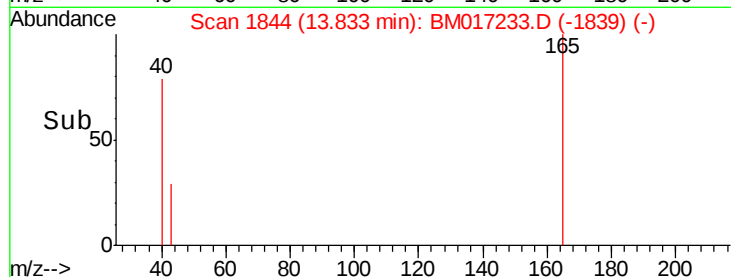
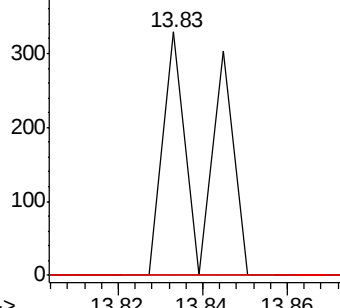
#51
 2,6-Dinitrotoluene
 Concen: 0.019 ng
 RT: 13.83 min Scan# 1844
 Delta R.T. -0.07 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.7	64.1#
89	0.0	42.1	63.1#

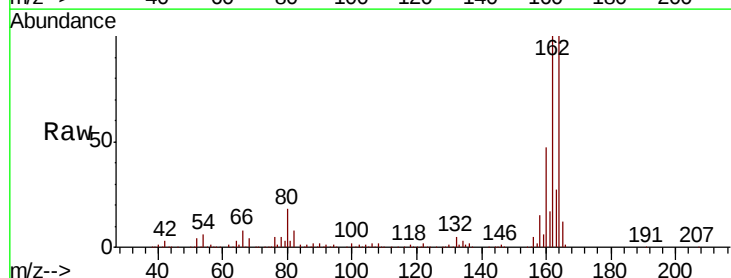


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0

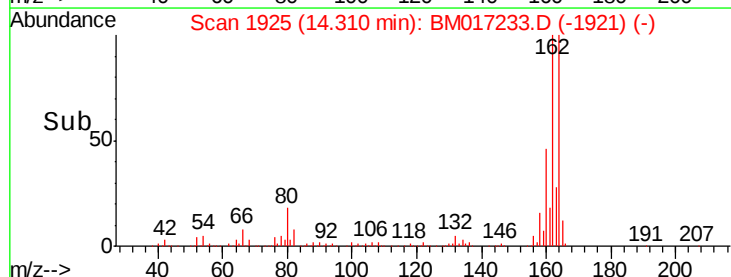
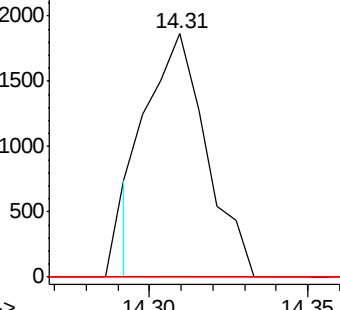


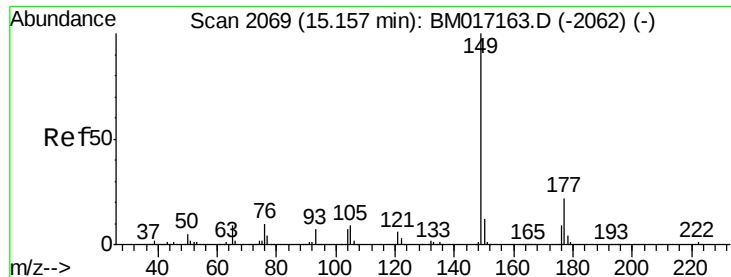
#52
 Acenaphthene
 Concen: 0.059 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.08 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

Tgt 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

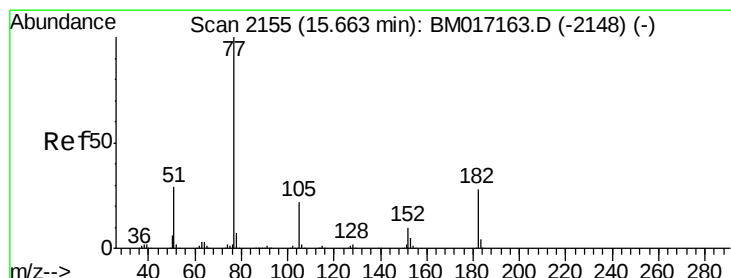
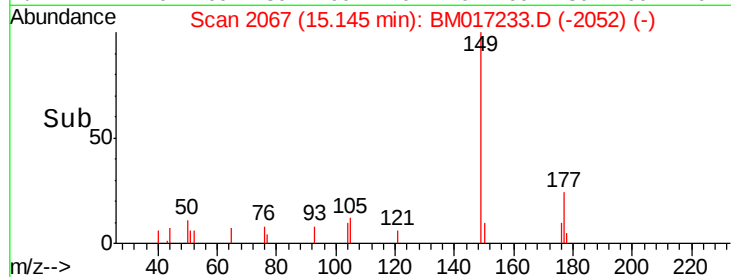
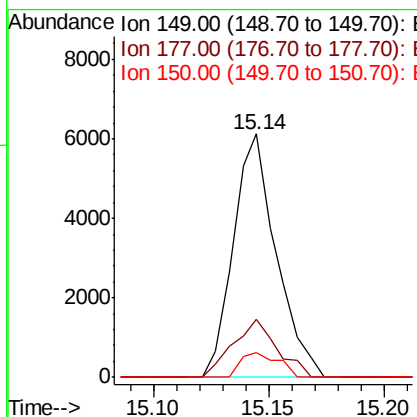
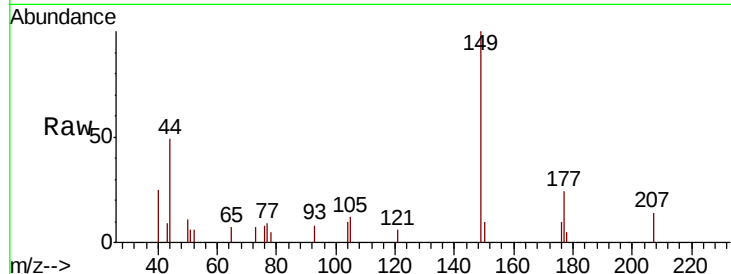




#60
 Diethylphthalate
 Concen: 0.150 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

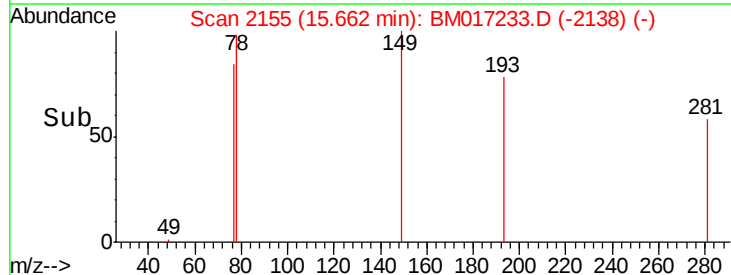
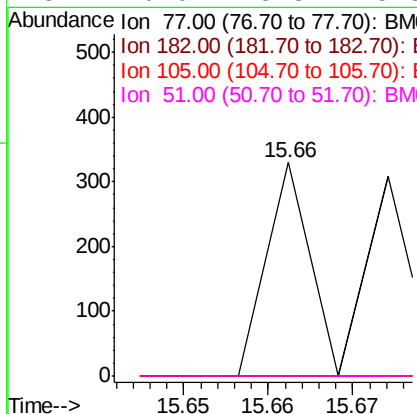
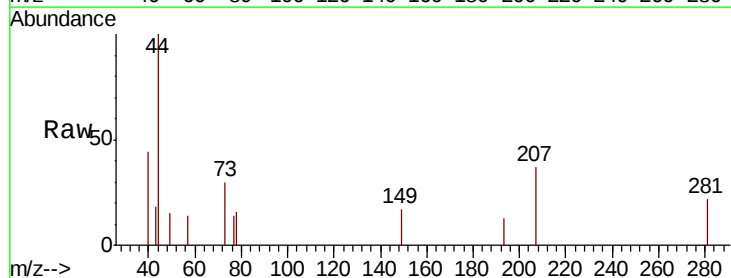
Instrument :
 BNA_M
 ClientSampleId :

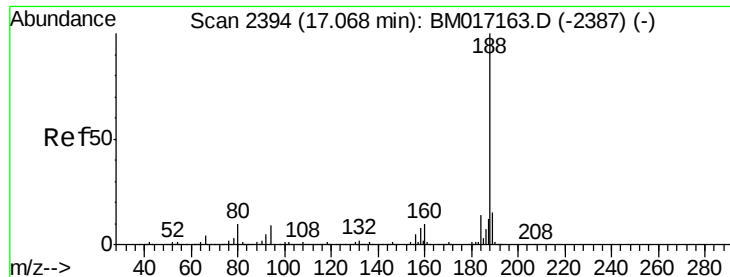
Tot	Ion:149	Resp:	7881
Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.7	26.5
150	10.3	10.0	15.0



#63
 Azobenzene
 Concen: 0.002 ng
 RT: 15.66 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BM017233.D
 Acq: 19 Oct 2018 17:03

Tgt Ion: 77	Resp: 116
Ion Ratio	Lower Upper
77 100	
182 0.0	8.3 48.3#
105 0.0	1.5 41.5#
51 0.0	8.8 48.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

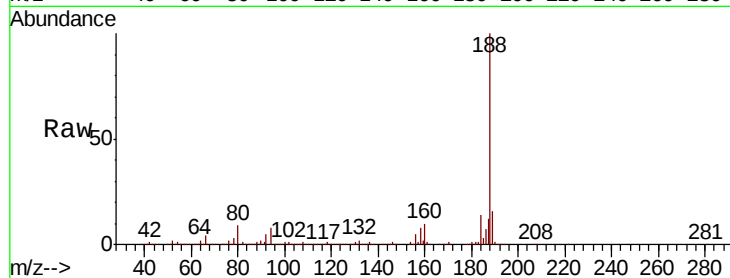
Tot Ion:188 Resp: 1514595

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

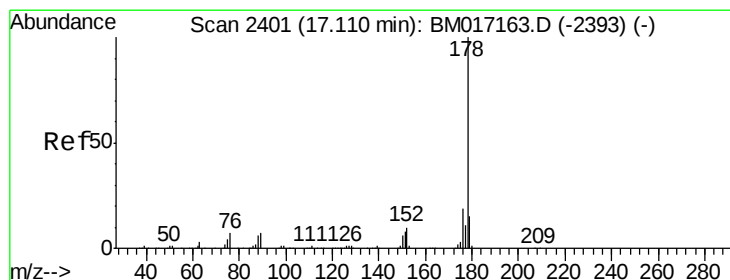
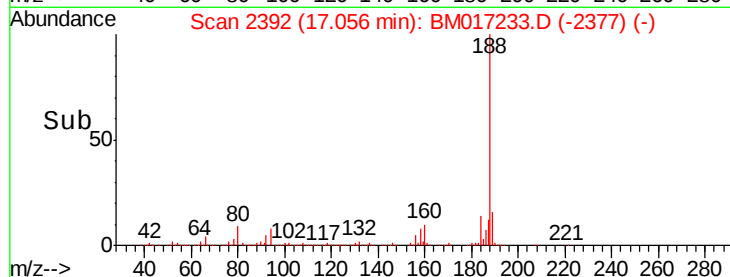
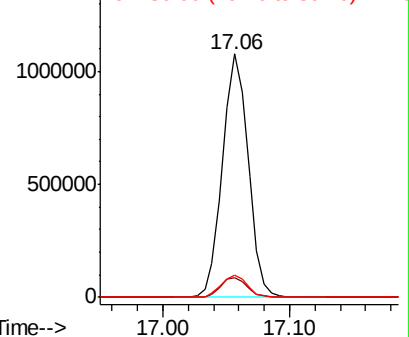
80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.011 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

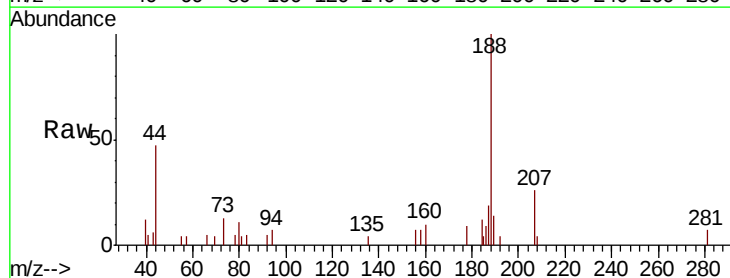
Tgt Ion:178 Resp: 905

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

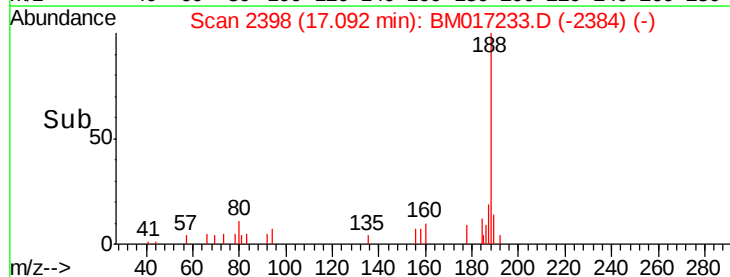
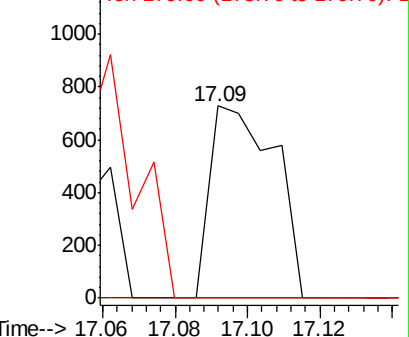
179 0.0 12.3 18.5#

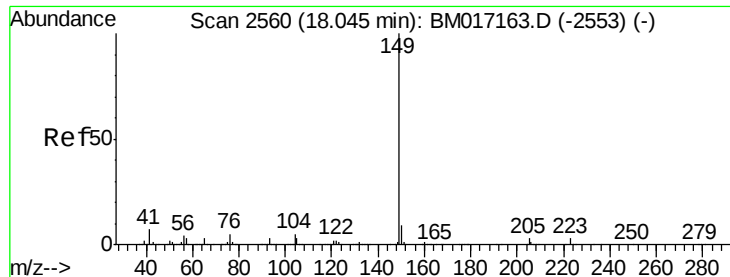


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

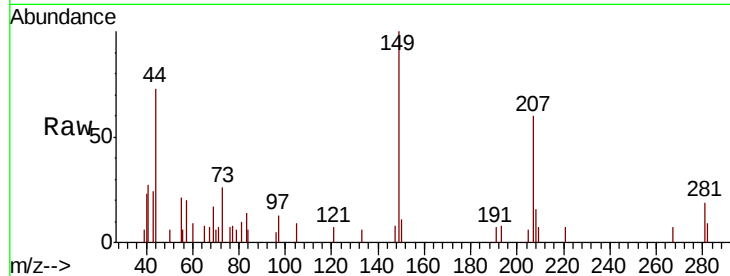




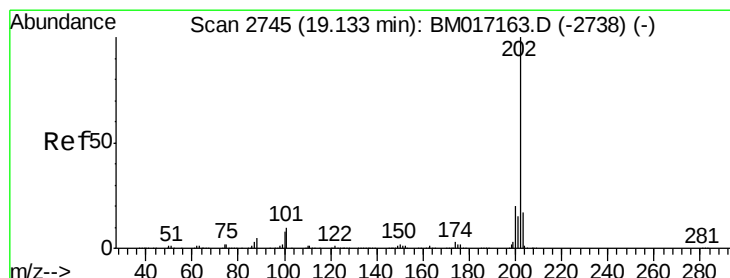
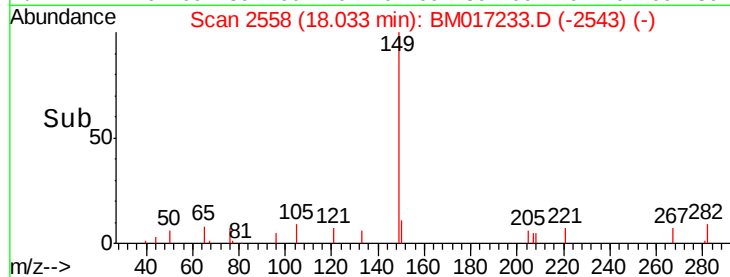
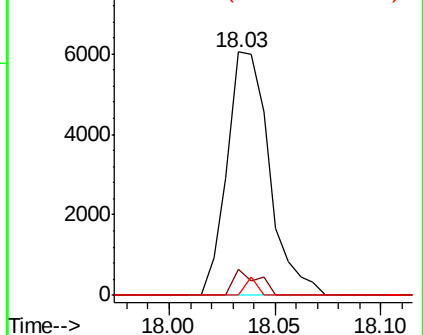
#74
Di-n-butylphthalate
Concen: 0.100 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 8370
Ion Ratio Lower Upper
149 100
150 10.7 7.4 11.0
104 0.0 4.3 6.5#

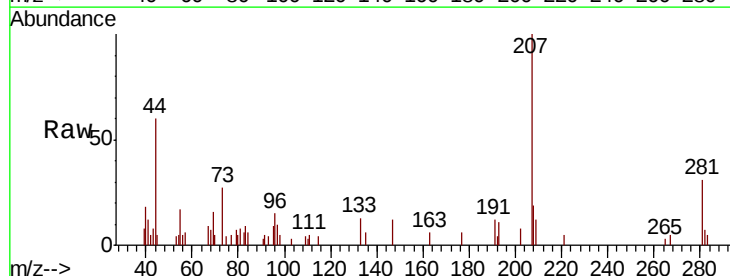


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

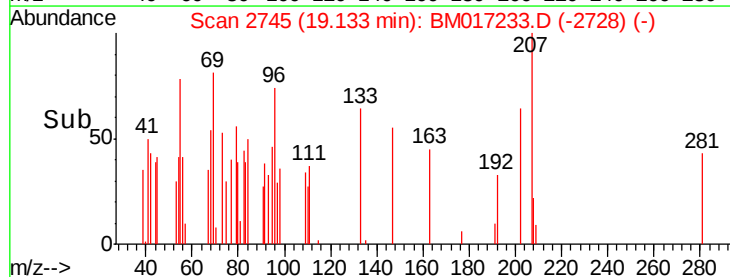
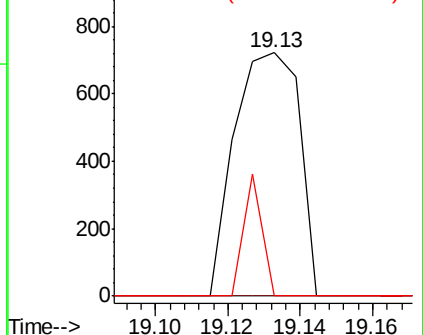


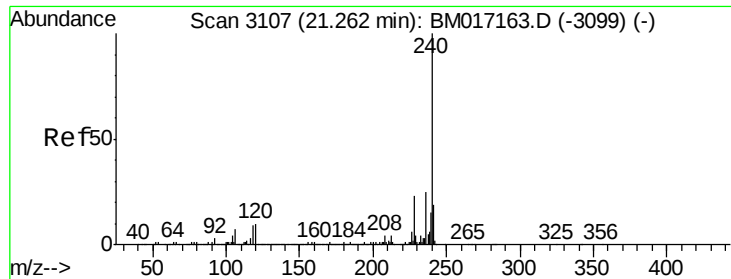
#75
Fluoranthene
Concen: 0.010 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion:202 Resp: 893
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

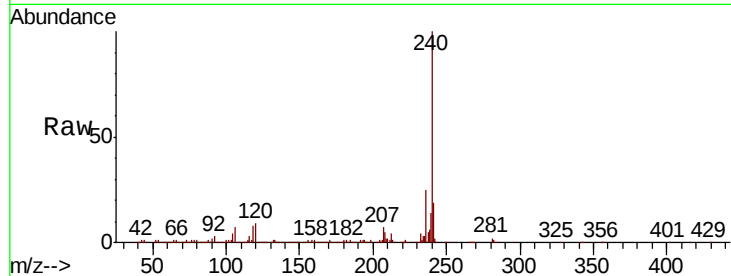




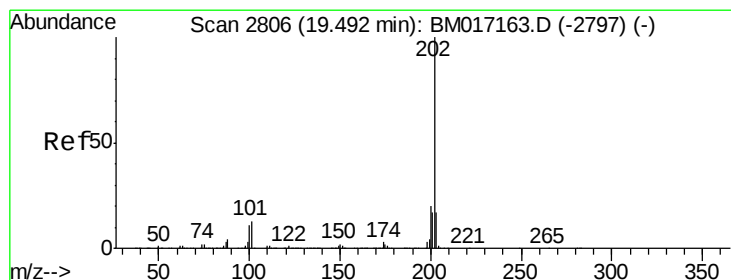
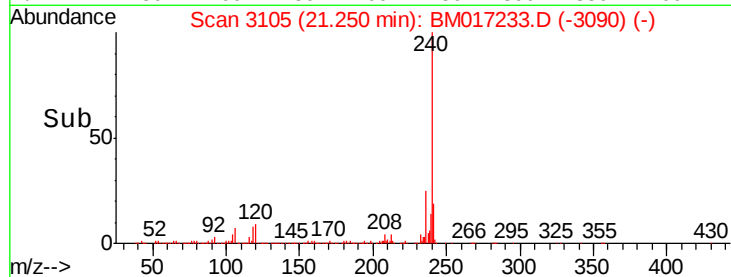
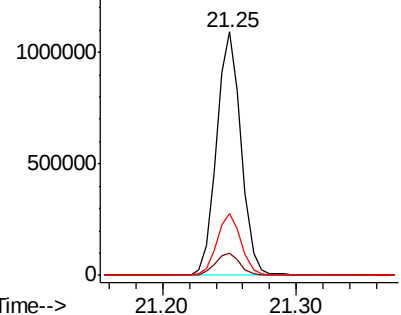
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:240 Resp: 1403602
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.1 19.9 29.9

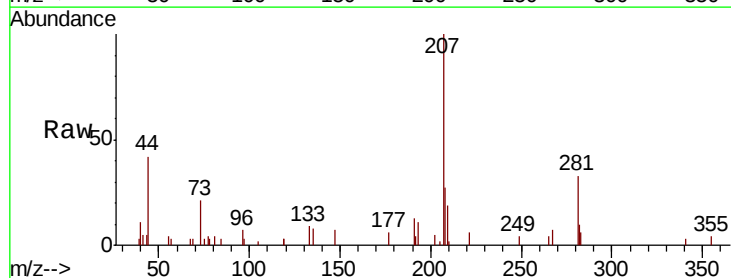


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

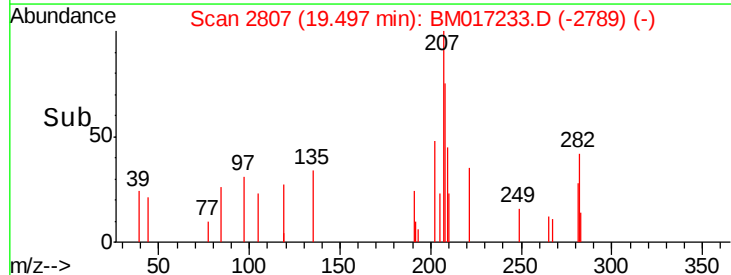
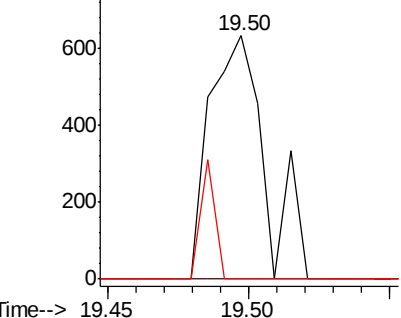


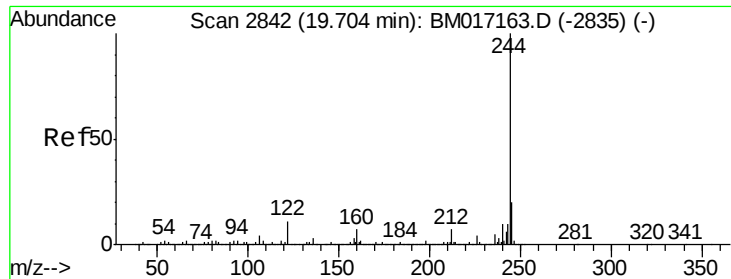
#78
Pyrene
Concen: 0.011 ng
RT: 19.50 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion:202 Resp: 862
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: 73.028 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

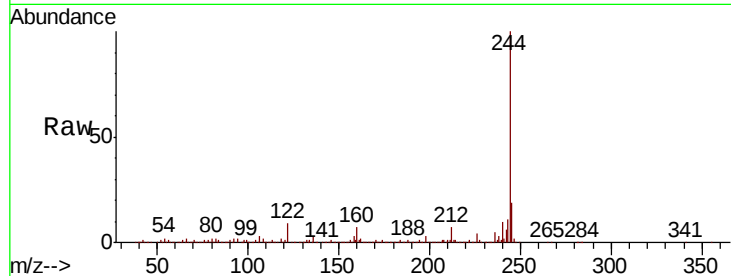
Tot Ion:244 Resp: 4547590

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

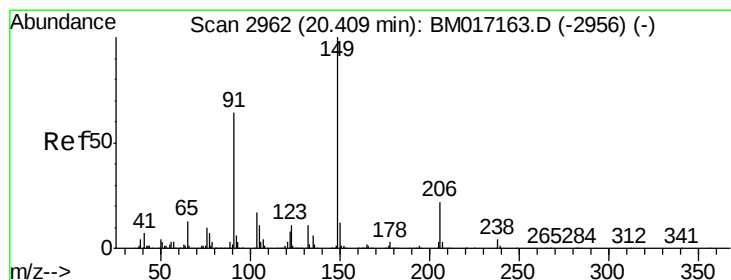
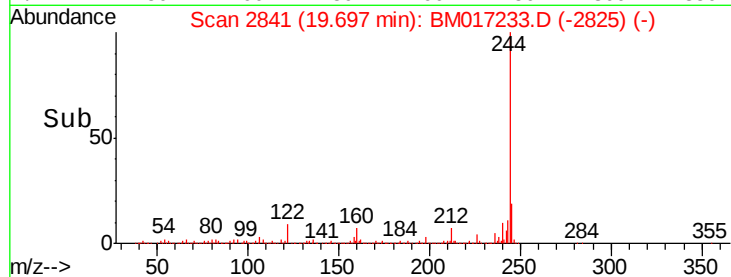
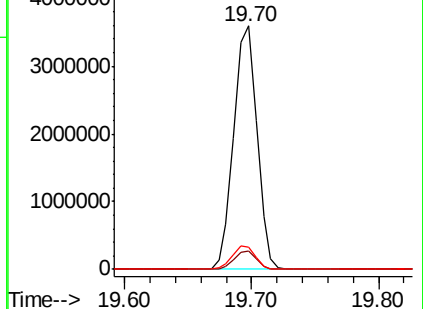
122 9.2 8.4 12.6



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: 7.255 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

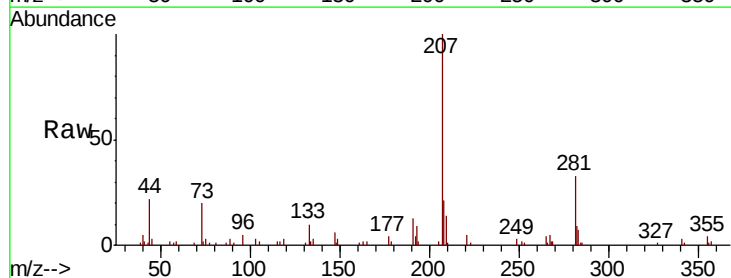
Tgt Ion:149 Resp: 2761

Ion Ratio Lower Upper

149 100

91 32.6 51.3 76.9#

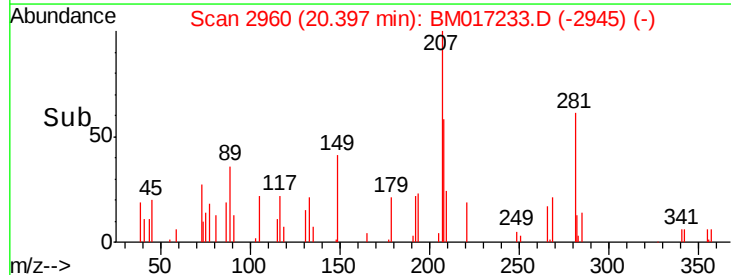
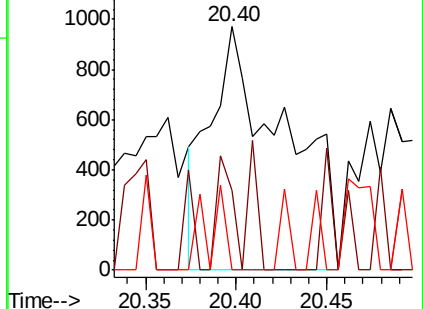
206 0.0 18.0 27.0#

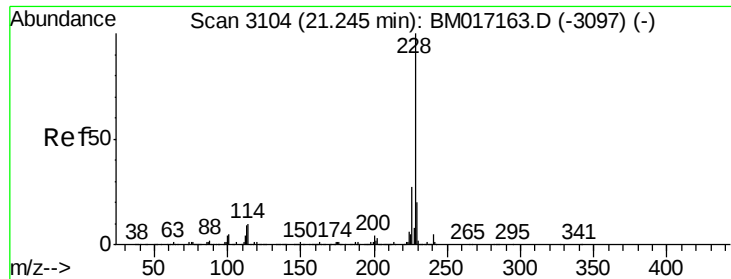


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

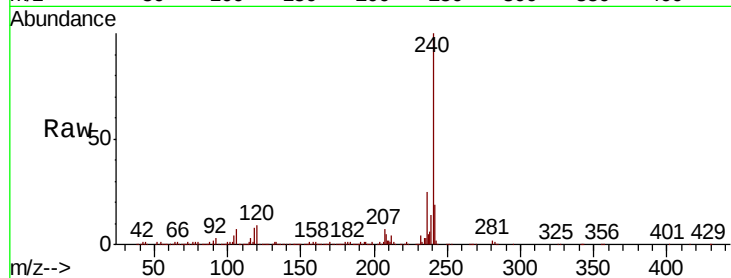




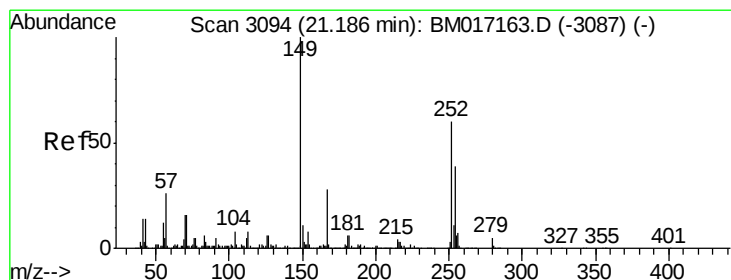
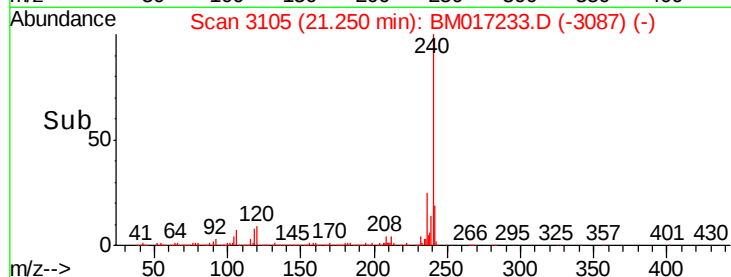
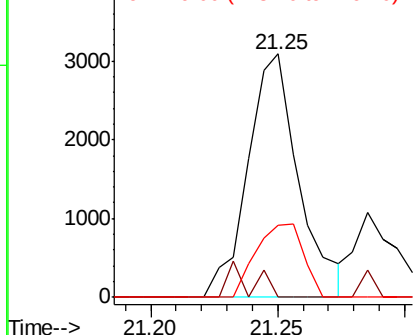
#81
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 4344
Ion Ratio Lower Upper
228 100
226 0.0 21.4 32.0#
229 29.4 15.9 23.9#

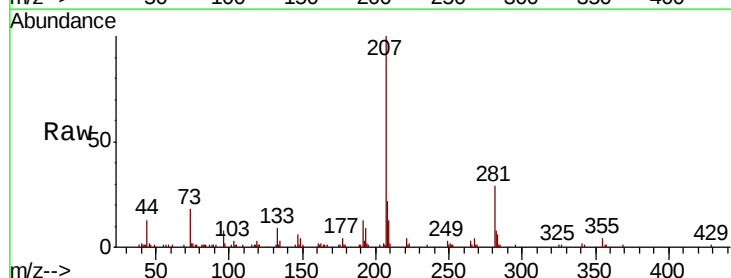


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

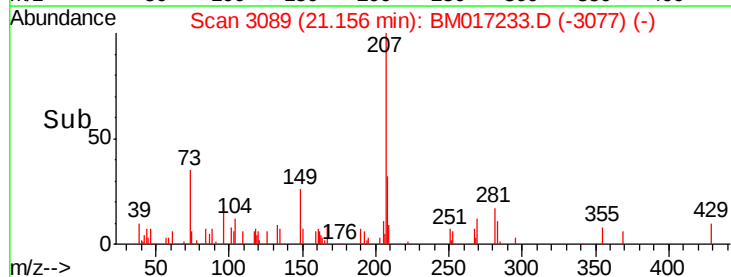
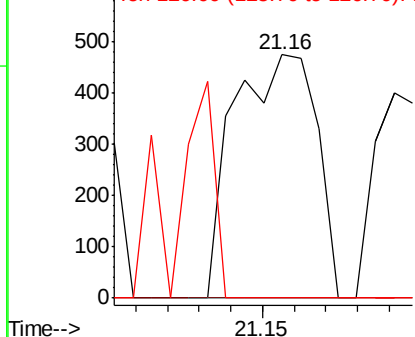


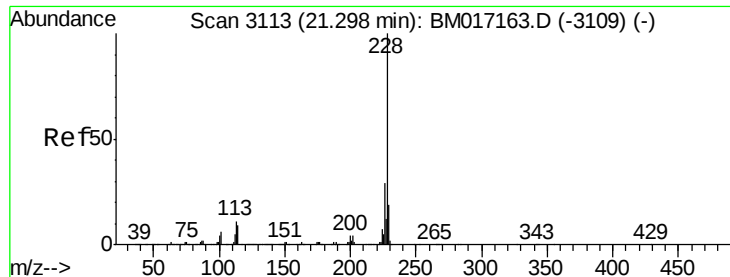
#82
3,3'-Dichlorobenzidine
Concen: 0.029 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.03 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion:252 Resp: 860
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

Chrvsene

Concen: 0.015 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

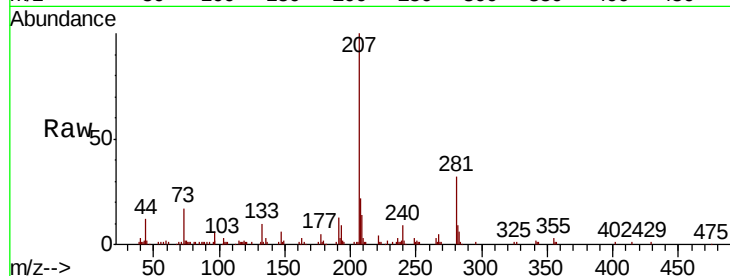
Tot Ion:228 Resp: 1181

Ion Ratio Lower Upper

228 100

226 32.2 23.3 34.9

229 0.0 15.6 23.4#

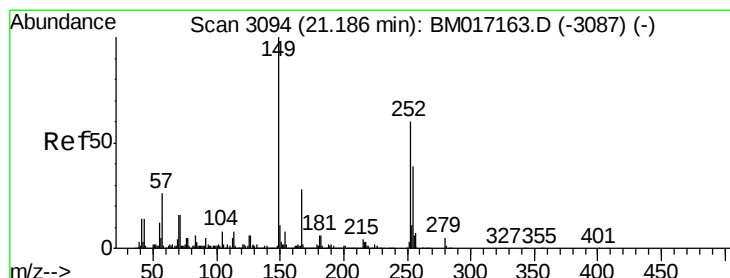
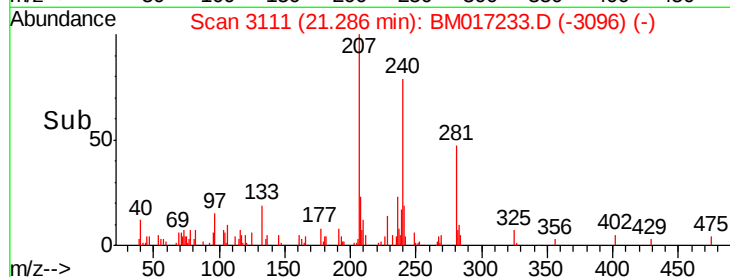
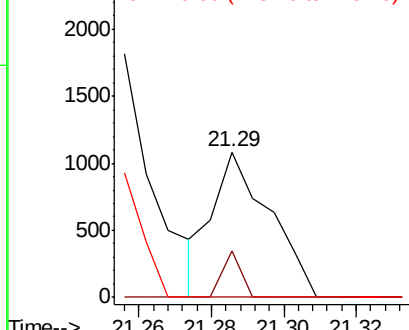


Abundance

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: 5.469 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

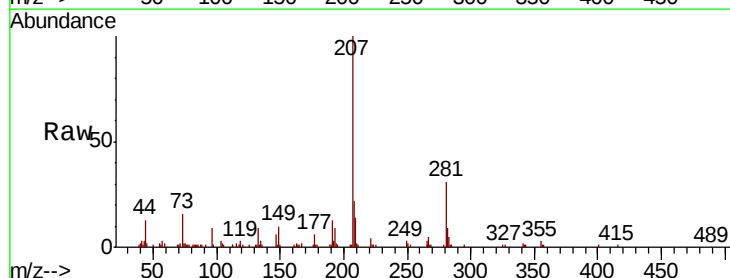
Tgt Ion:149 Resp: 8290

Ion Ratio Lower Upper

149 100

167 23.9 22.2 33.4

279 5.0 3.6 5.4

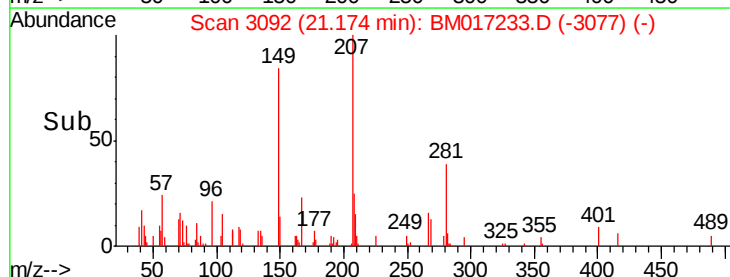
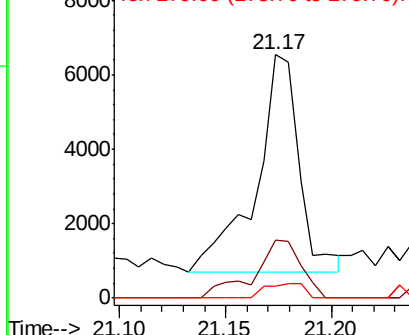


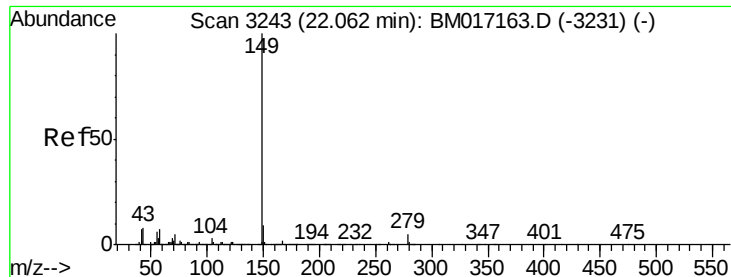
Abundance

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

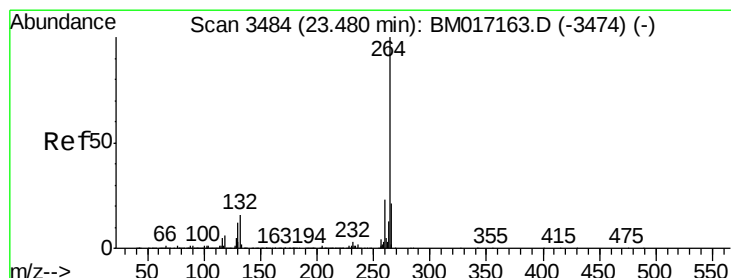
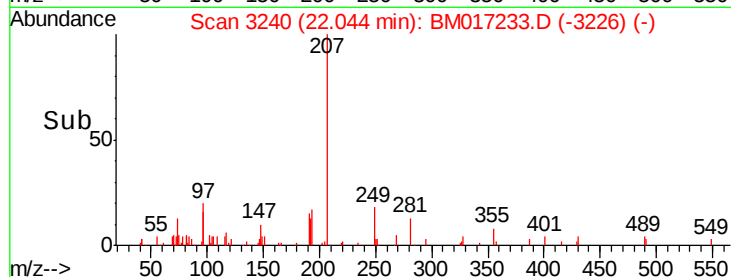
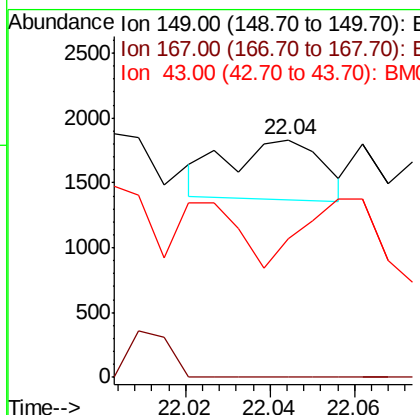
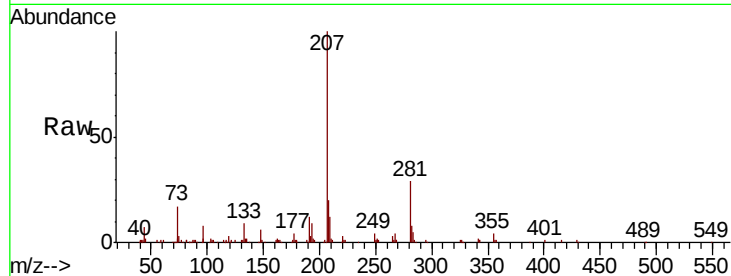




#85
Di-n-octyl phthalate
Concen: 5.579 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

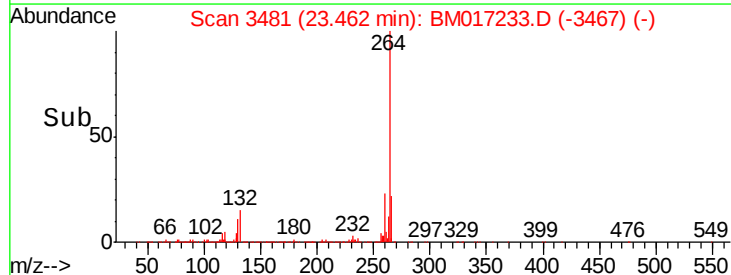
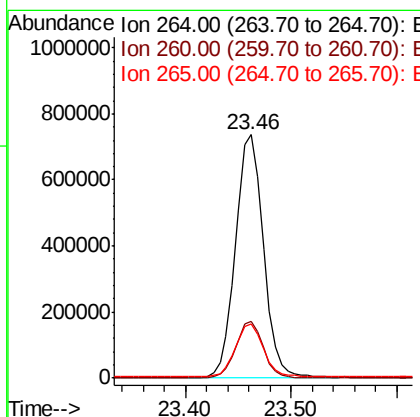
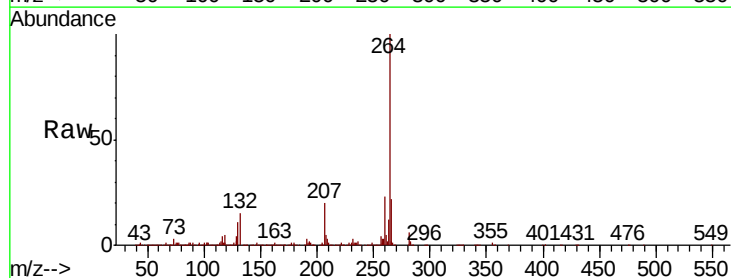
Instrument :
BNA_M
ClientSampleId :

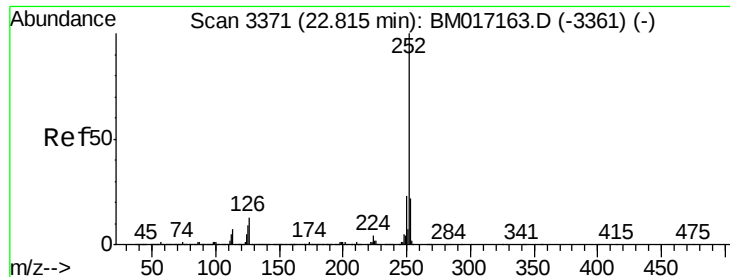
Tot Ion:149 Resp: 691
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 115.3 7.2 10.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion:264 Resp: 1354720
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.3 17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

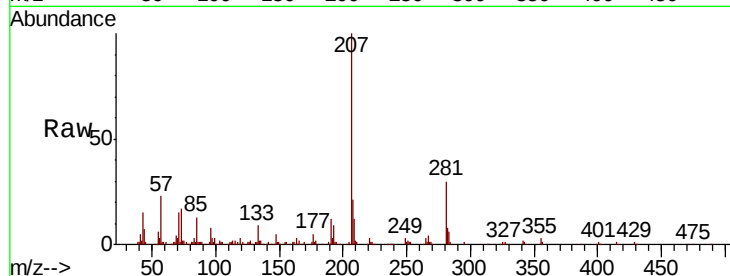
Tot Ion:252 Resp: 583

Ion Ratio Lower Upper

252 100

253 97.2 17.4 26.2#

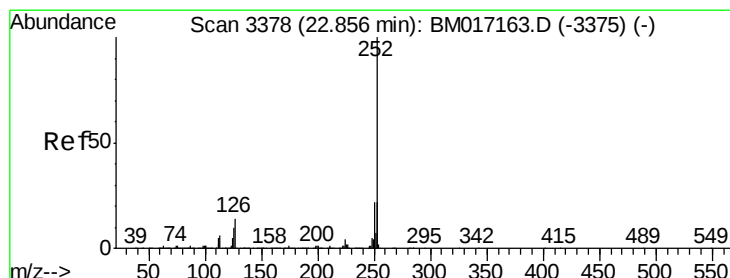
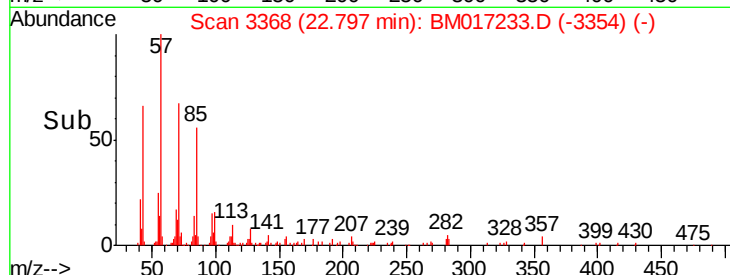
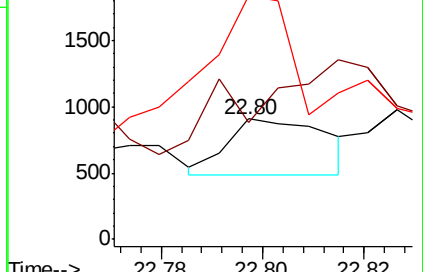
125 202.0 7.5 11.3#



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



#89

Benzo(k)fluoranthene

Concen: 0.018 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

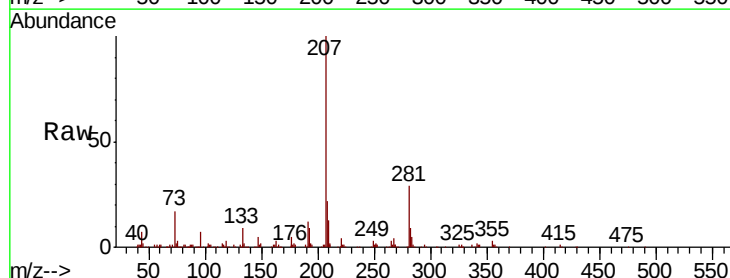
Tgt Ion:252 Resp: 1359

Ion Ratio Lower Upper

252 100

253 87.7 17.5 26.3#

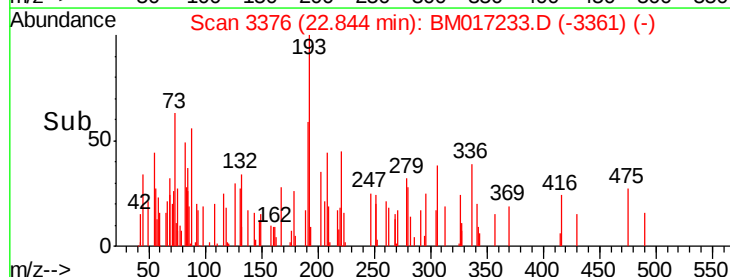
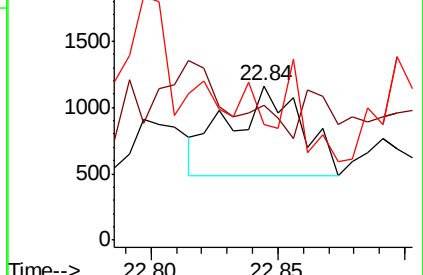
125 74.7 8.2 12.2#

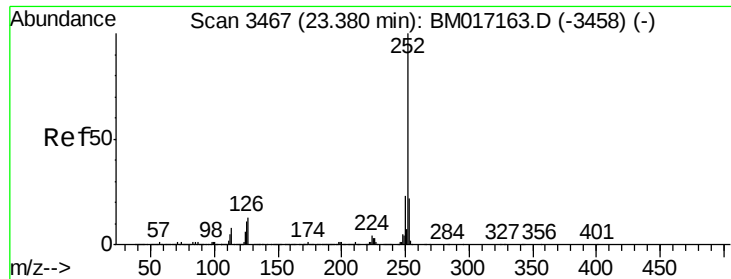


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.013 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

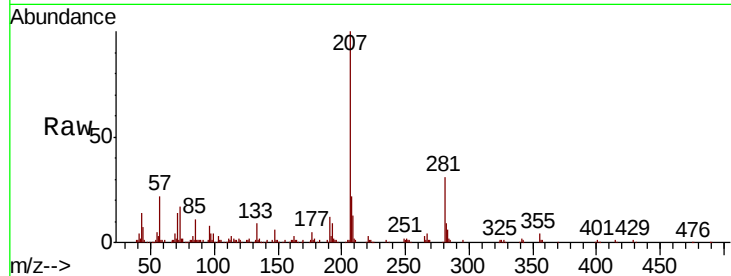
Tot Ion:252 Resp: 933

Ion Ratio Lower Upper

252 100

253 100.2 17.4 26.0#

125 174.0 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

