

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017237.D
 Acq On : 19 Oct 2018 19:28
 Operator : MJ/SJ
 Sample : PB113945BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:53:13 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	316384	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1268296	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	748110	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1666445	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1376012	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1127137	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1726404	92.29	ng	0.00
7) Phenol-d6	6.85	99	2293530	90.02	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1368571	63.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	902687	89.22	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3395493	60.39	ng	-0.01
79) Terphenyl-d14	19.70	244	4377041	71.70	ng	0.00

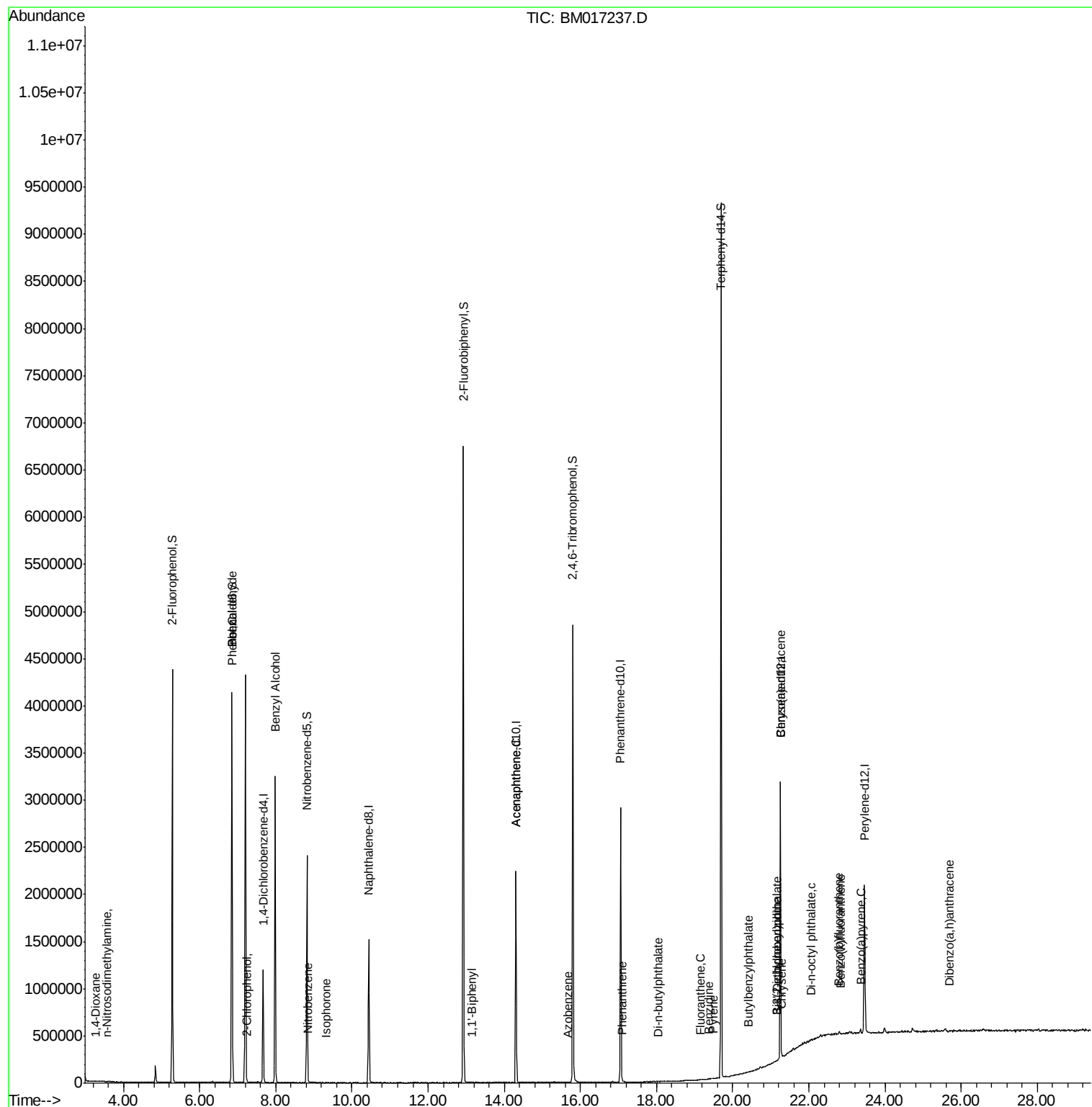
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	120	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.57	42	728	0.083	ng	# 1
8) 2-Chlorophenol	7.25	128	397	0.018	ng	# 37
9) Benzaldehyde	6.85	77	4039	0.249	ng	# 1
10) Phenol	6.86	94	118	0.004	ng	# 1
15) Benzyl Alcohol	7.98	79	21954	1.179	ng	# 48
24) Nitrobenzene	8.86	77	262	0.011	ng	# 36
25) Isophorone	9.32	82	134	0.004	ng	# 63
46) 1,1'-Biphenyl	13.14	154	4392	0.065	ng	# 87
52) Acenaphthene	14.31	154	2570	0.057	ng	# 4
63) Azobenzene	15.66	77	128	0.002	ng	# 48
71) Phenanthrene	17.10	178	424	0.005	ng	# 60
74) Di-n-butylphthalate	18.04	149	569	0.006	ng	# 78
75) Fluoranthene	19.14	202	683	0.007	ng	# 65
77) Benzidine	19.36	184	1043	0.030	ng	# 66
78) Pyrene	19.50	202	529	0.007	ng	# 58
80) Butylbenzylphthalate	20.40	149	351	7.186	ng	# 25
81) Benzo(a)anthracene	21.25	228	4774	0.062	ng	# 63
82) 3,3'-Dichlorobenzidine	21.17	252	477	0.017	ng	# 25
83) Chrysene	21.29	228	1680	0.022	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.17	149	519	5.318	ng	# 95
85) Di-n-octyl phthalate	22.04	149	485	5.577	ng	# 1
88) Benzo(b)fluoranthene	22.79	252	831	0.013	ng	# 1
89) Benzo(k)fluoranthene	22.83	252	560	0.009	ng	# 1
90) Benzo(a)pyrene	23.37	252	1757	0.030	ng	# 1
91) Dibenzo(a,h)anthracene	25.69	278	139	0.002	ng	# 14

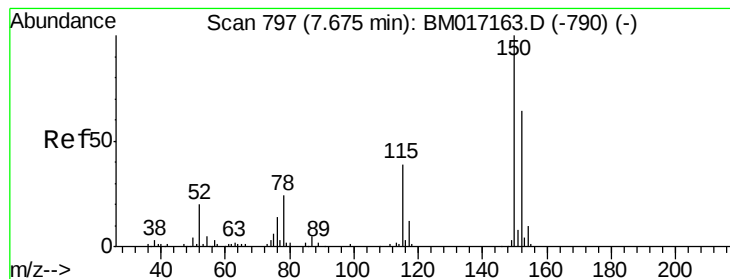
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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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: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

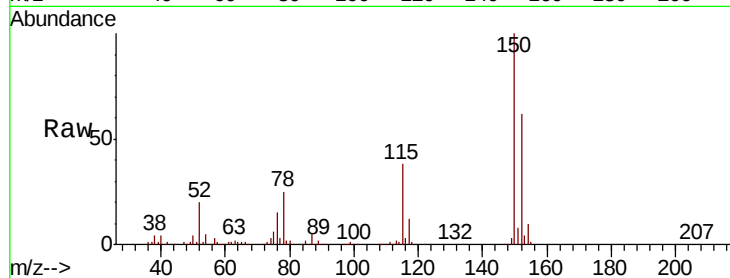
Tot Ion:152 Resp: 316384

Ion Ratio Lower Upper

152 100

150 162.4 124.3 186.5

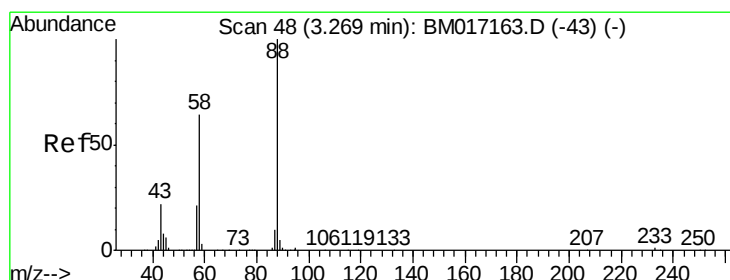
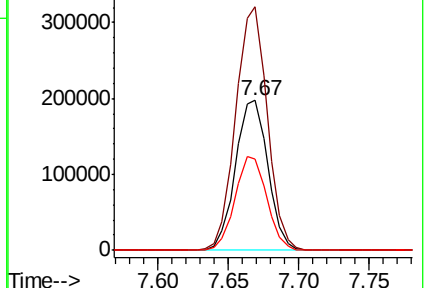
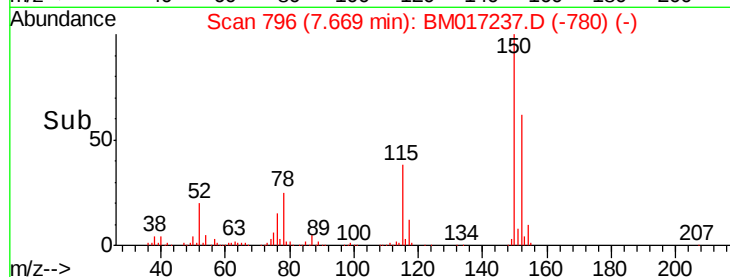
115 61.2 48.1 72.1



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: 0.013 ng

RT: 3.26 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

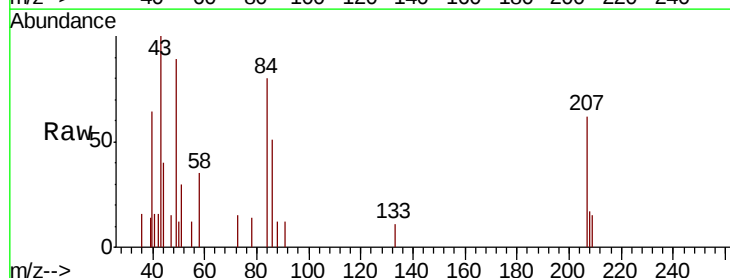
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

58 261.7 50.2 75.4#

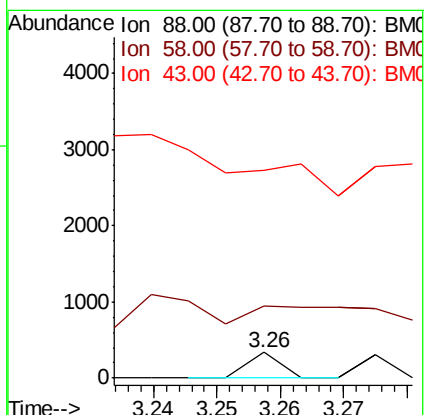
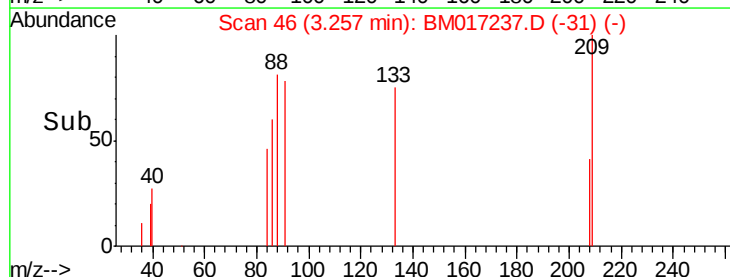
43 0.0 19.3 28.9#

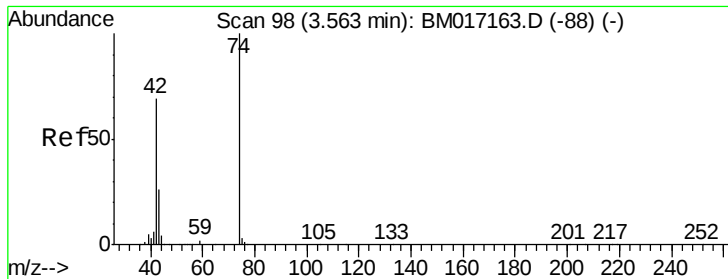


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.083 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

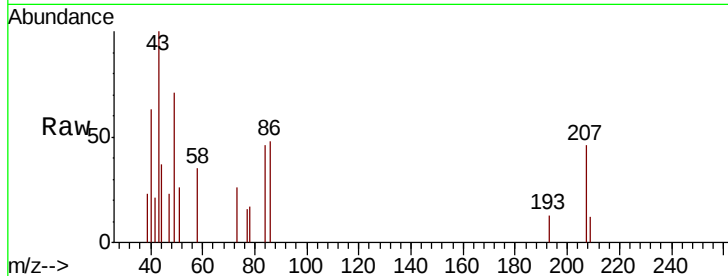
Tot Ion: 42 Resp: 728

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

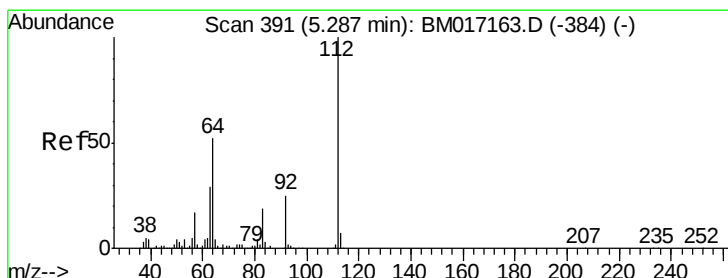
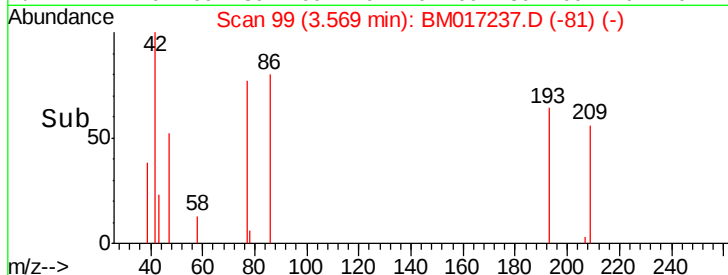
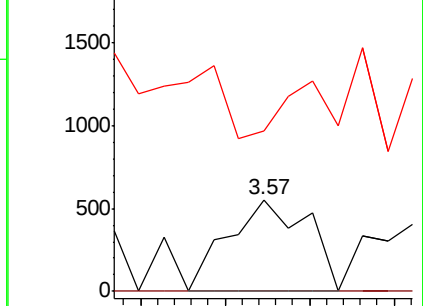
44 175.5 48.6 73.0#



Abundance Ion 42.00 (41.70 to 42.70): BM017237.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017237.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017237.D (-88) (-)



#5

2-Fluorophenol

Concen: 92.291 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

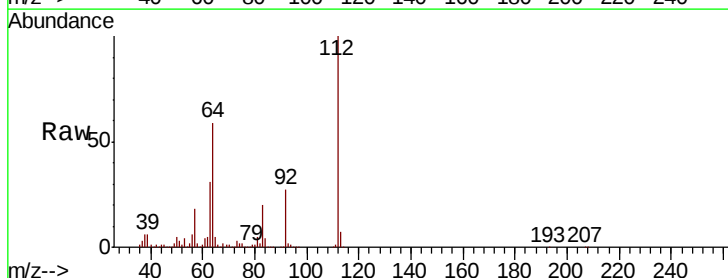
Tgt Ion: 112 Resp: 1726404

Ion Ratio Lower Upper

112 100

64 59.0 41.7 62.5

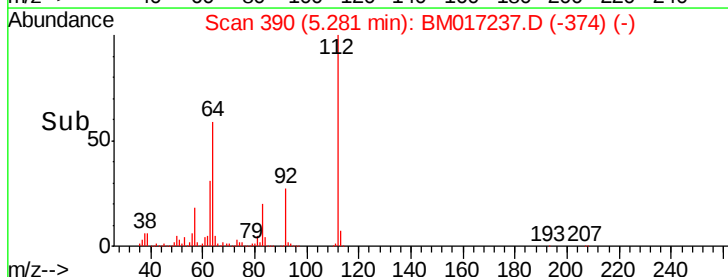
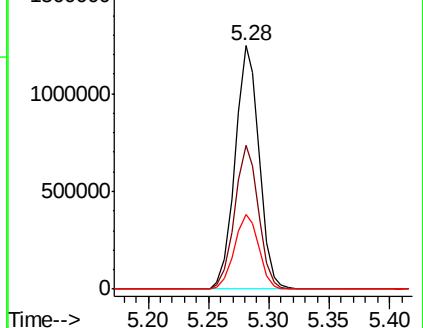
63 30.9 23.0 34.4

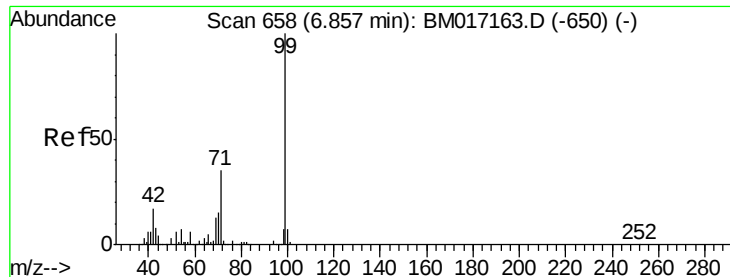


Abundance Ion 112.00 (111.70 to 112.70): BM017237.D (-384) (-)

Ion 64.00 (63.70 to 64.70): BM017237.D (-384) (-)

Ion 63.00 (62.70 to 63.70): BM017237.D (-384) (-)





#7

Phenol-d6

Concen: 90.024 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

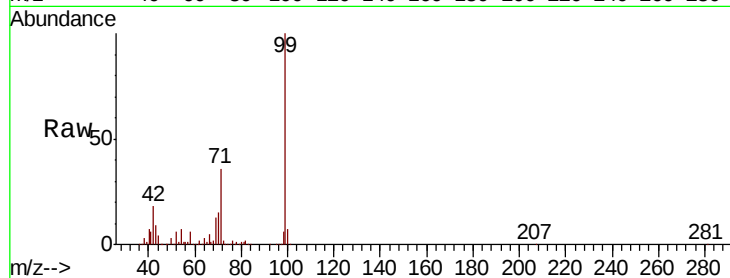
Tot Ion: 99 Resp: 2293530

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

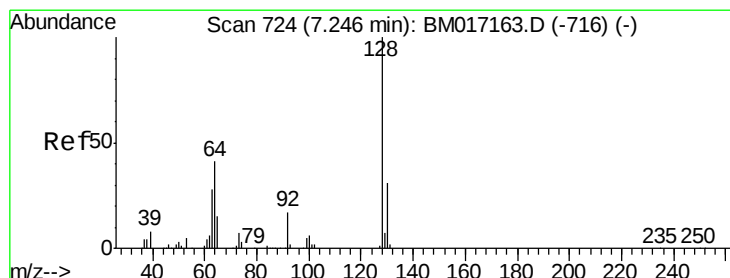
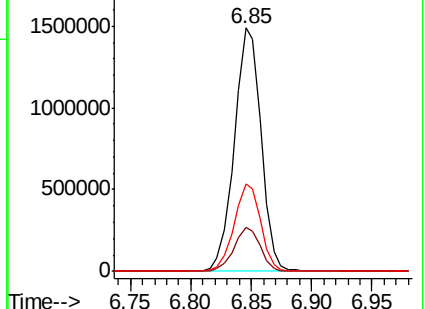
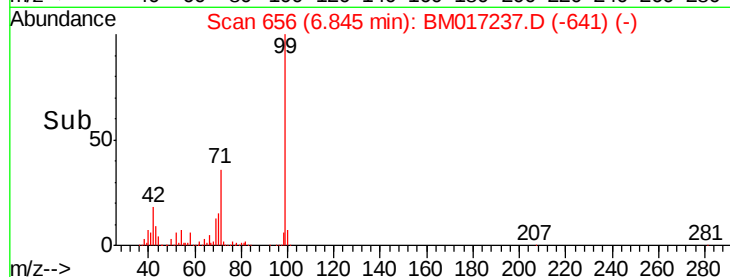
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017237.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017237.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017237.D (-641) (-)



#8

2-Chlorophenol

Concen: 0.018 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

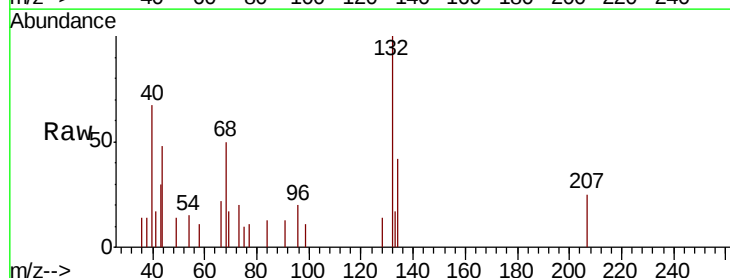
Tgt Ion: 128 Resp: 397

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

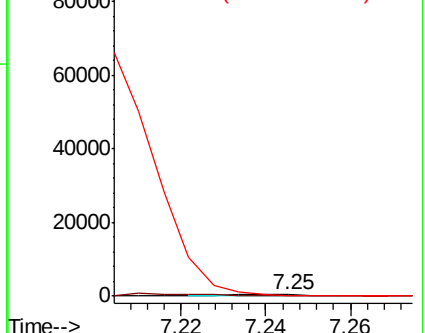
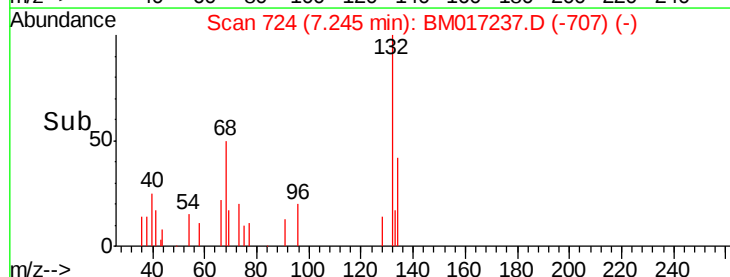
64 0.0 24.1 64.1#

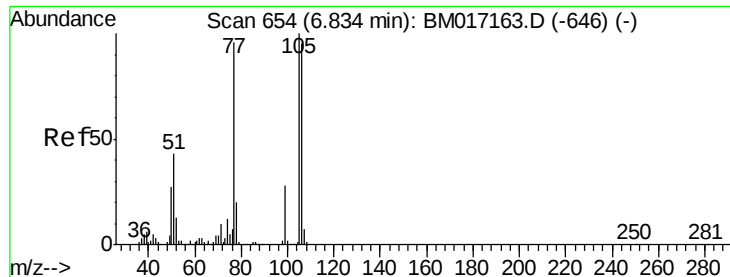


Abundance Ion 128.00 (127.70 to 128.70): BM017237.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017237.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017237.D (-707) (-)





#9

Benzaldehyde

Concen: 0.249 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

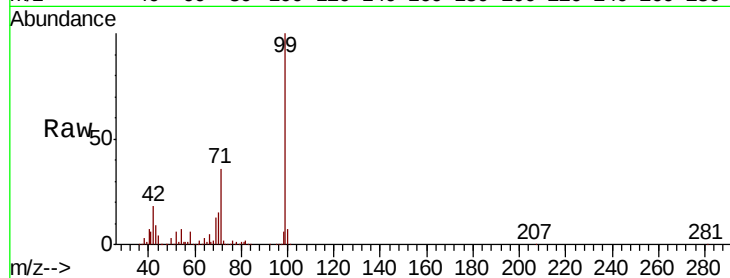
Tot Ion: 77 Resp: 4039

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

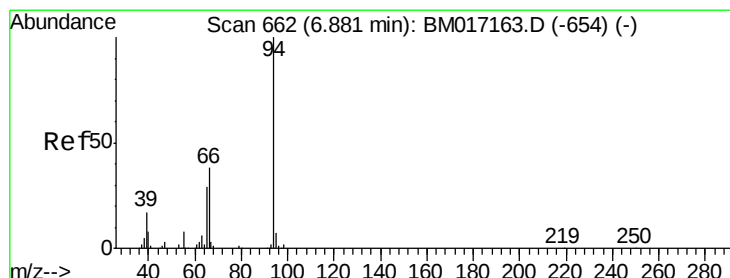
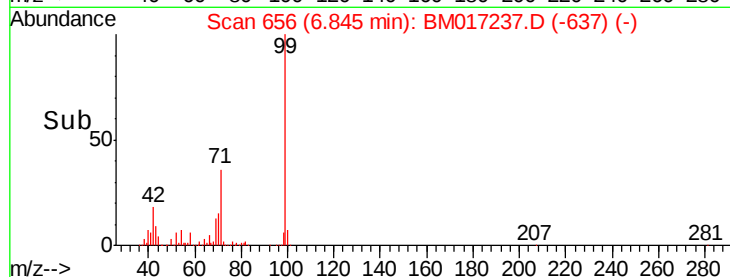
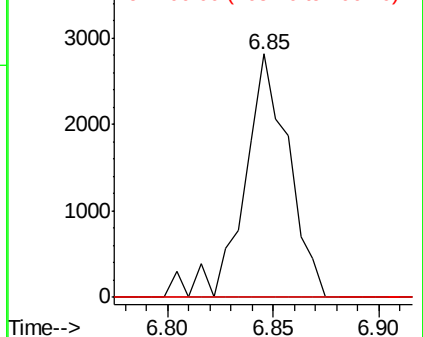
106 0.0 78.2 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BM017237.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017237.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017237.D (-637) (-)



#10

Phenol

Concen: 0.004 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

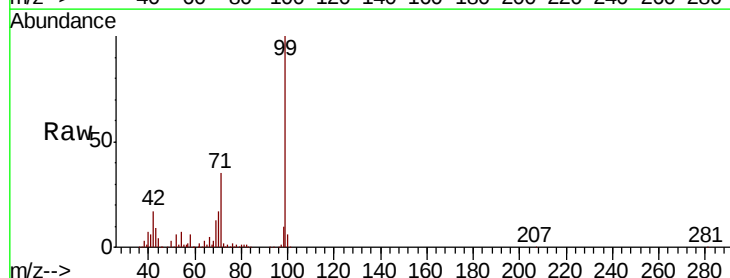
Tgt Ion: 94 Resp: 118

Ion Ratio Lower Upper

94 100

65 2754.5 9.4 49.4#

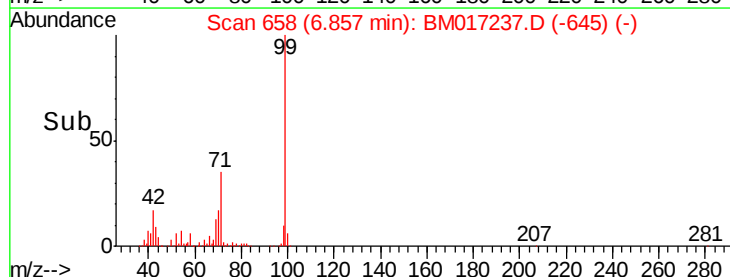
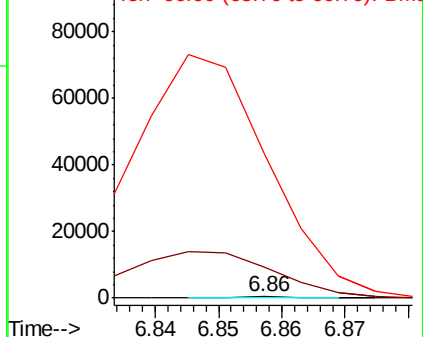
66 13087.4 19.0 59.0#

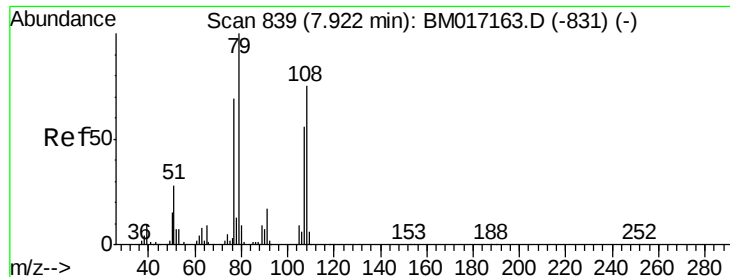


Abundance Ion 94.00 (93.70 to 94.70): BM017237.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017237.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017237.D (-645) (-)





#15

Benzyl Alcohol

Concen: 1.179 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

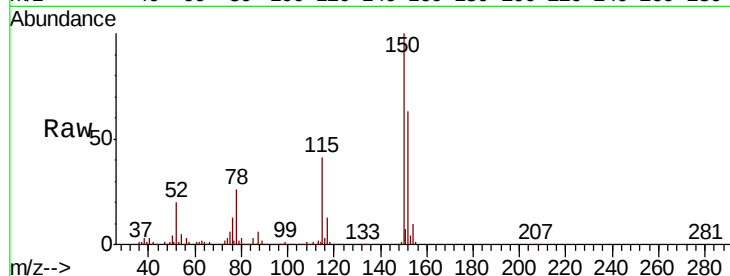
Tot Ion: 79 Resp: 21954

Ion Ratio Lower Upper

79 100

108 34.2 60.3 90.5#

77 114.2 54.8 82.2#

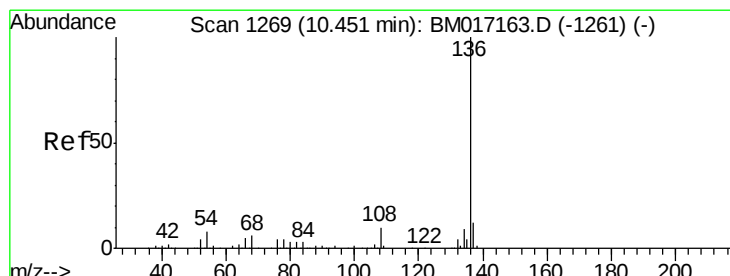
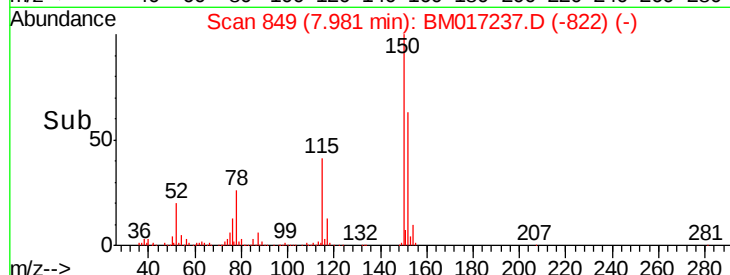
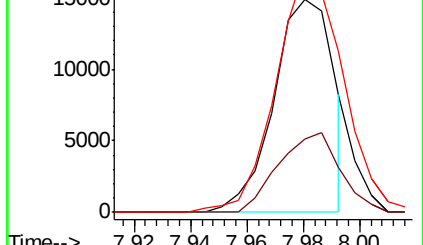


Abundance Ion 79.00 (78.70 to 79.70): BM017237.D (-849) (-)

Ion 108.00 (107.70 to 108.70): BM017237.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM017237.D (-849) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Tgt Ion: 136 Resp: 1268296

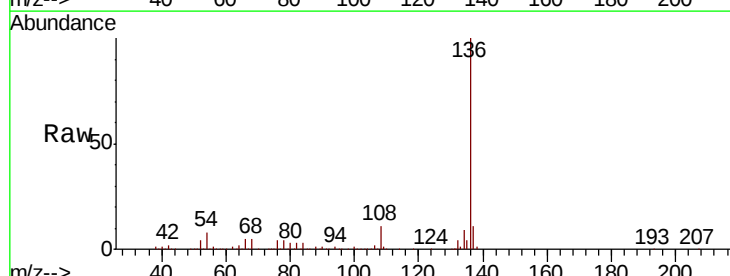
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 6.7 10.1

68 5.3 4.7 7.1



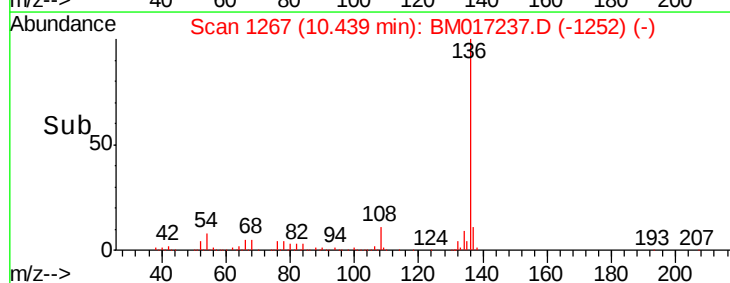
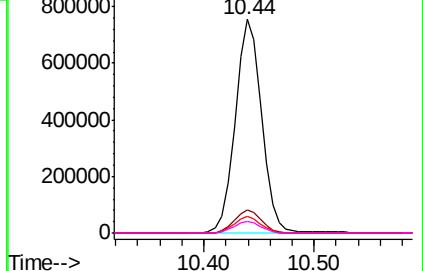
Abundance Ion 136.00 (135.70 to 136.70): BM017237.D (-1267) (-)

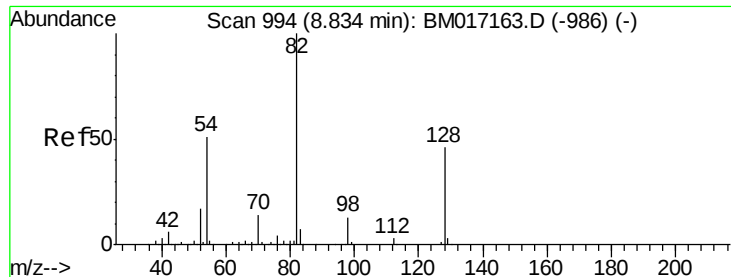
Ion 137.00 (136.70 to 137.70): BM017237.D (-1267) (-)

Ion 54.00 (53.70 to 54.70): BM017237.D (-1267) (-)

Ion 68.00 (67.70 to 68.70): BM017237.D (-1267) (-)

Time-->

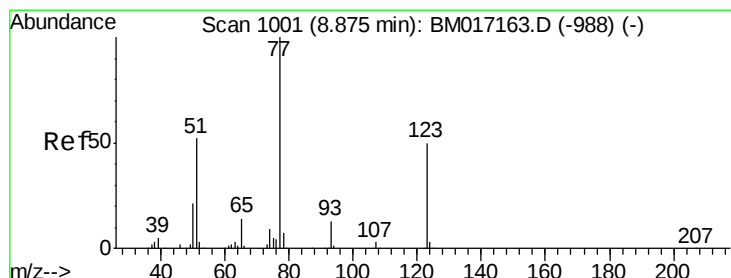
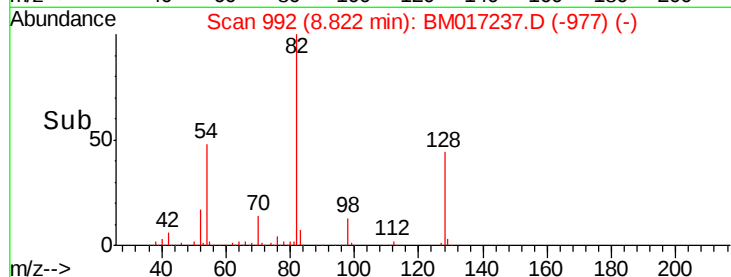
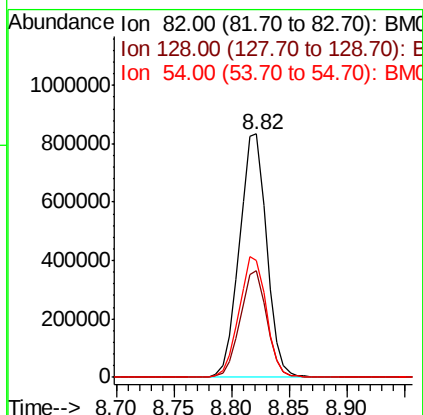
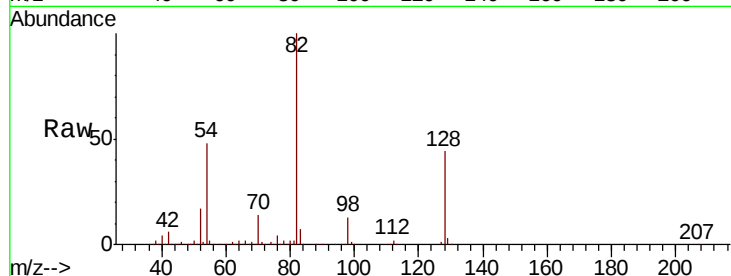




#23
Nitrobenzene-d5
Concen: 63.110 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

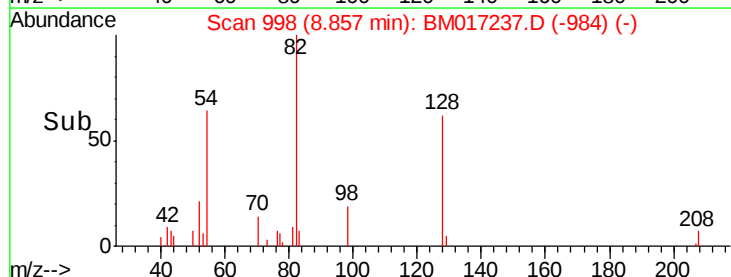
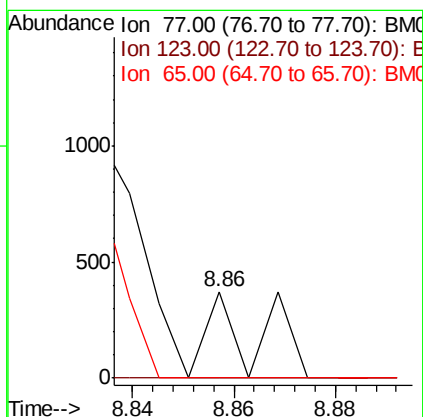
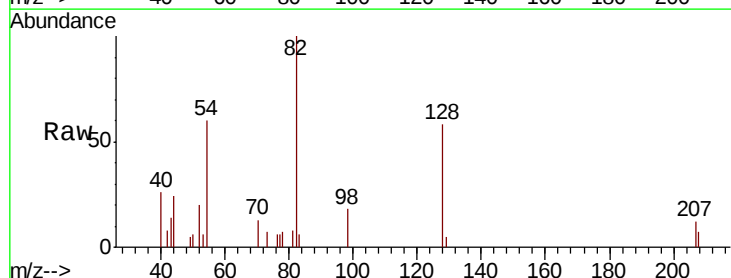
Instrument :
BNA_M
ClientSampleId :

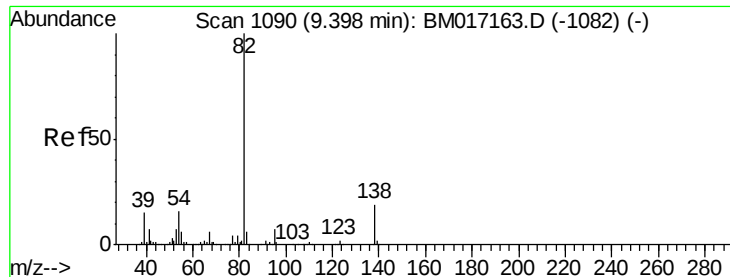
Tot Ion: 82 Resp: 1368571
Ion Ratio Lower Upper
82 100
128 44.0 37.0 55.6
54 48.2 40.7 61.1



#24
Nitrobenzene
Concen: 0.011 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.02 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Tgt Ion: 77 Resp: 262
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.4#
65 0.0 11.4 17.0#

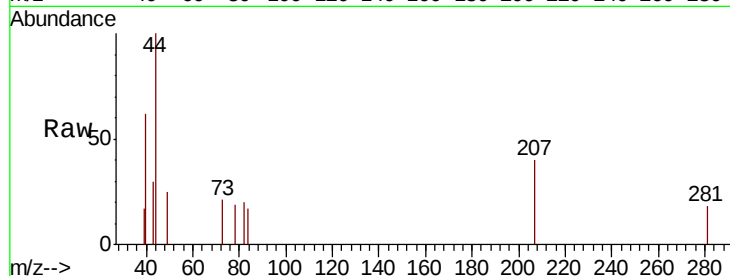




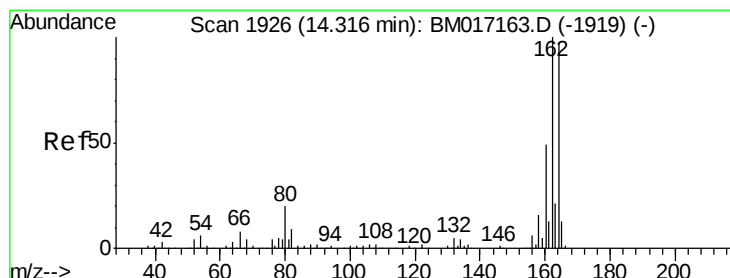
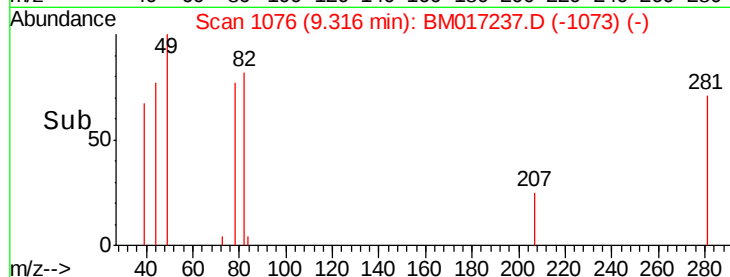
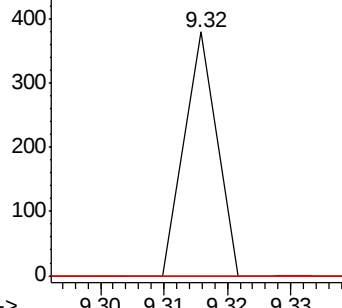
#25
Isophorone
Concen: 0.004 ng
RT: 9.32 min Scan# 1076
Delta R.T. -0.08 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 134
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.4 23.2#

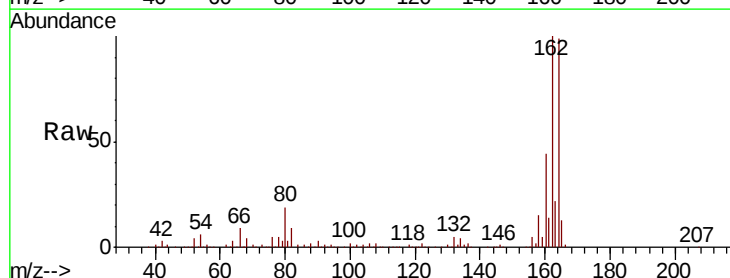


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

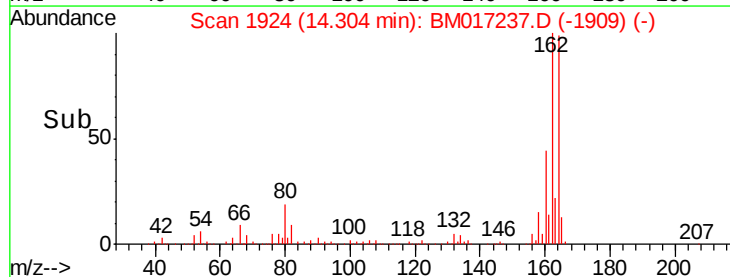
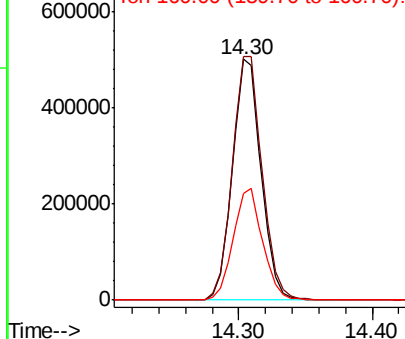


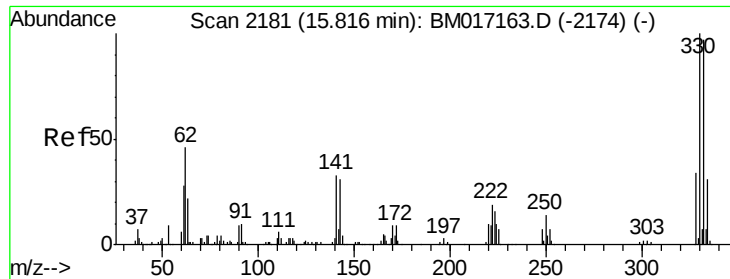
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Tgt Ion:164 Resp: 748110
Ion Ratio Lower Upper
164 100
162 101.0 82.1 123.1
160 44.5 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

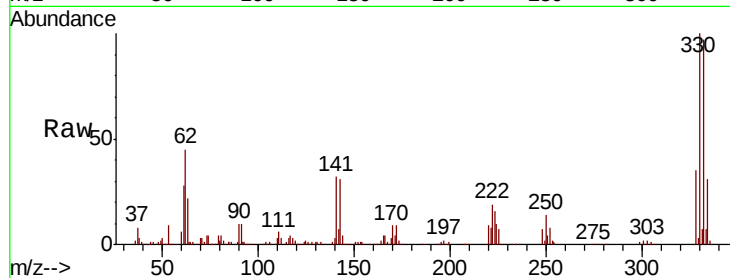




#42
 2,4,6-Tribromophenol
 Concen: 89.224 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.4	27.4	41.0

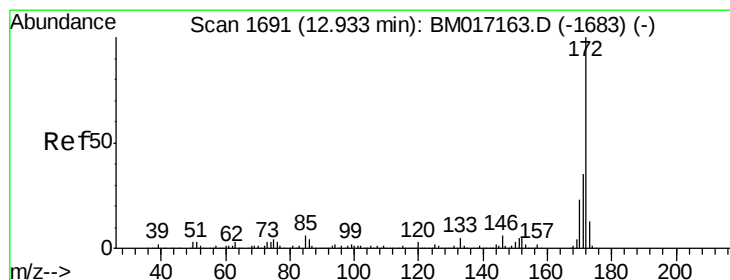
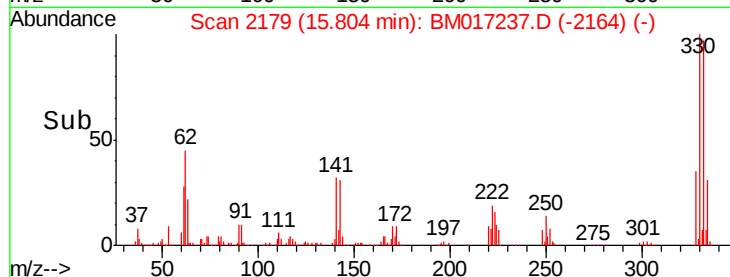
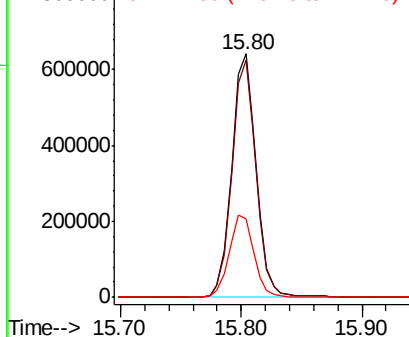


Abundance

Ion 329.80 (329.50 to 330.50): E

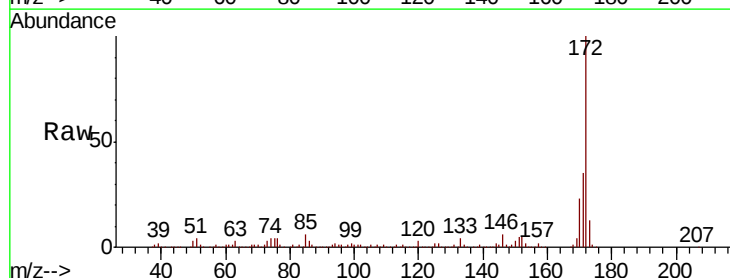
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.390 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.3	18.3	27.5

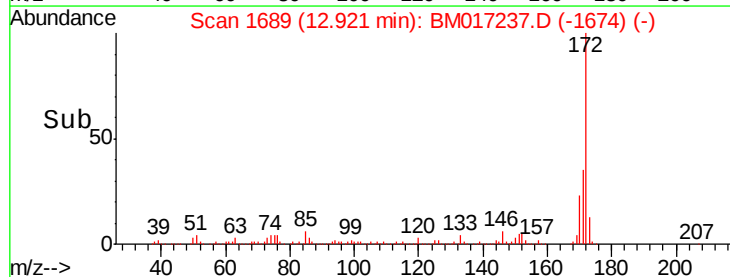
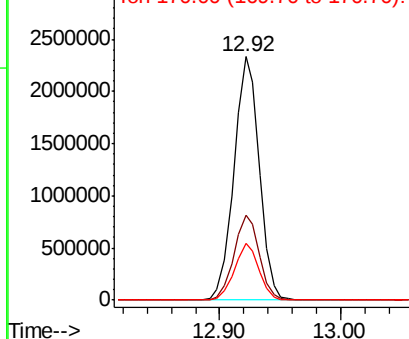


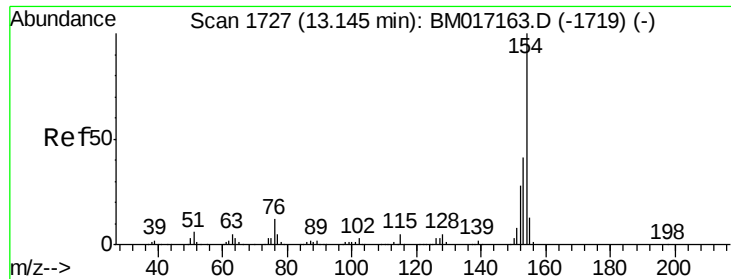
Abundance

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

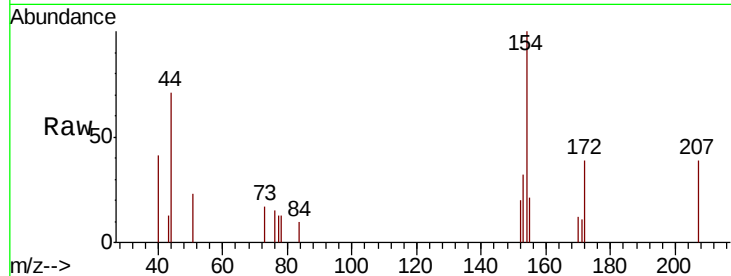




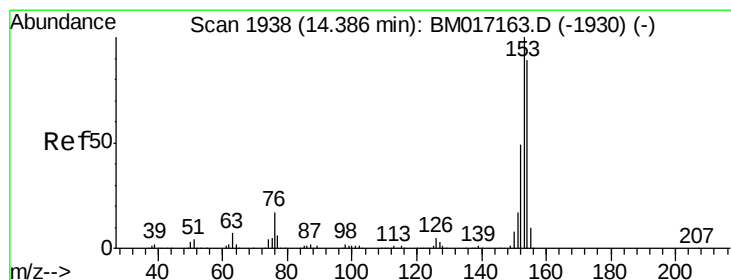
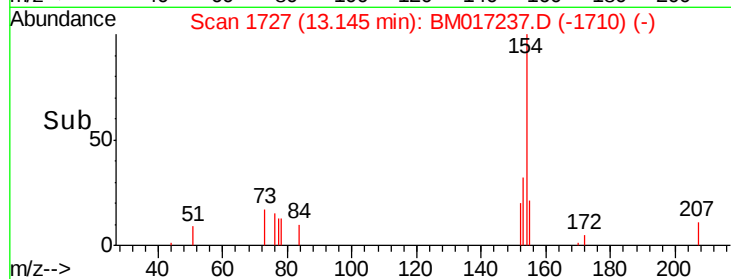
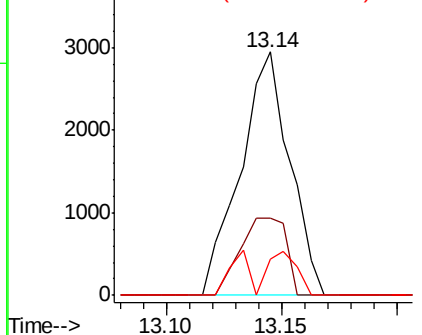
#46
 1,1'-Biphenyl
 Concen: 0.065 ng
 RT: 13.14 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	31.8	20.5	60.5
76	14.7	0.0	31.8

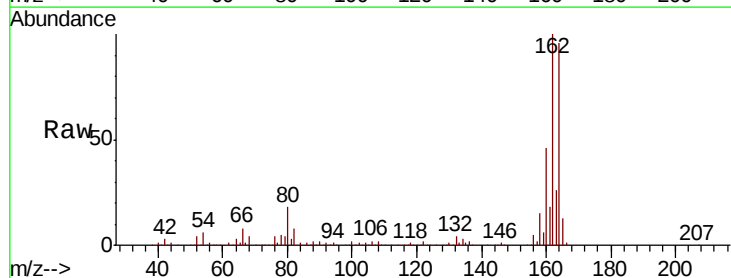


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0

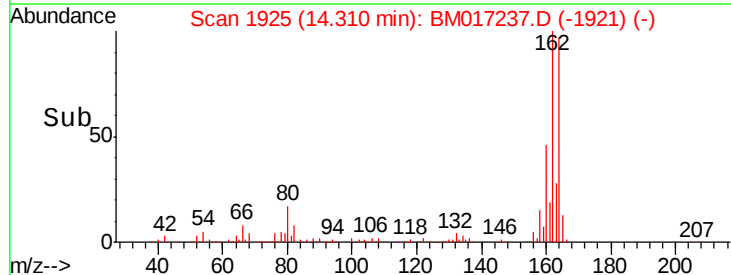
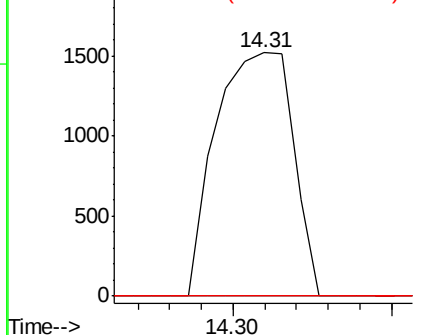


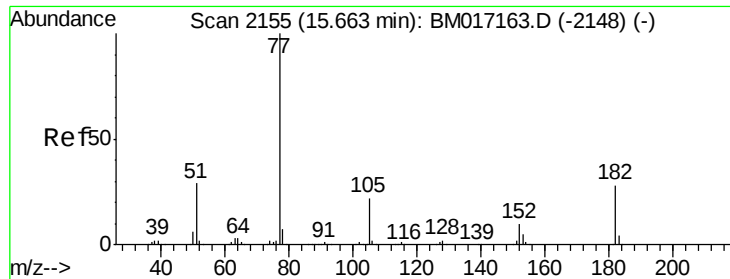
#52
 Acenaphthene
 Concen: 0.057 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.08 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

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

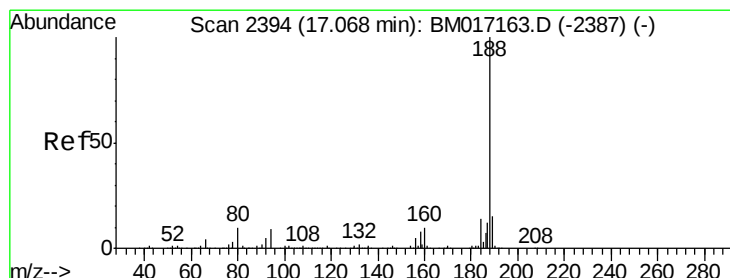
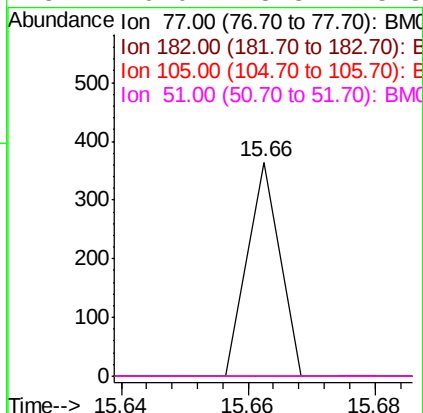
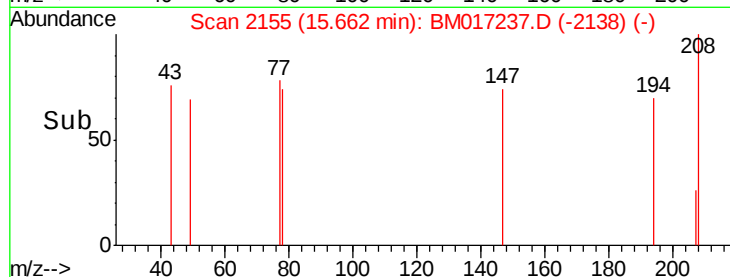
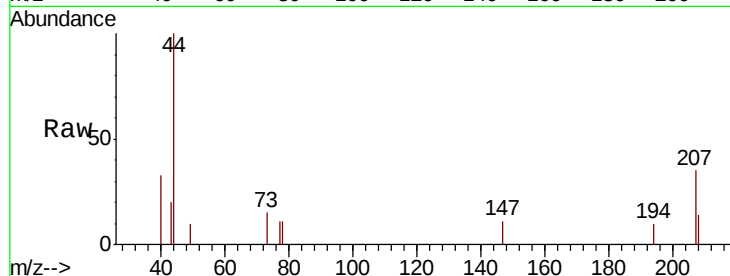




#63
Azobenzene
Concen: 0.002 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

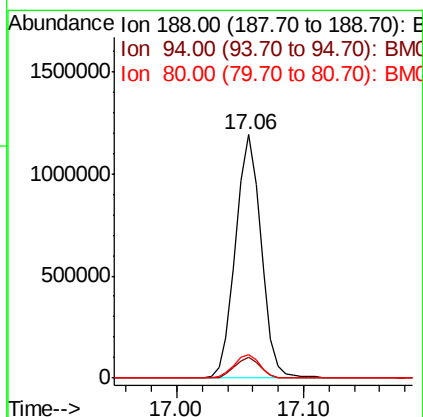
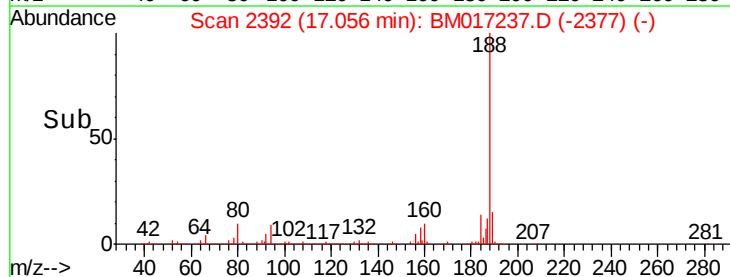
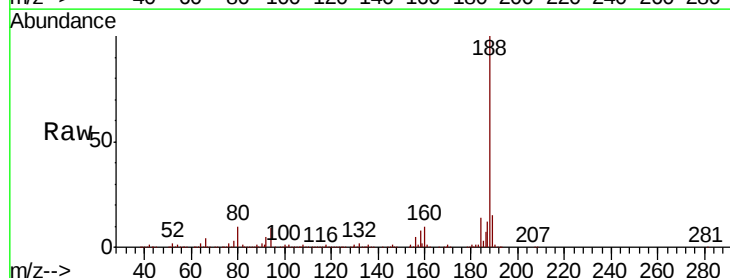
Instrument :
BNA_M
ClientSampled :

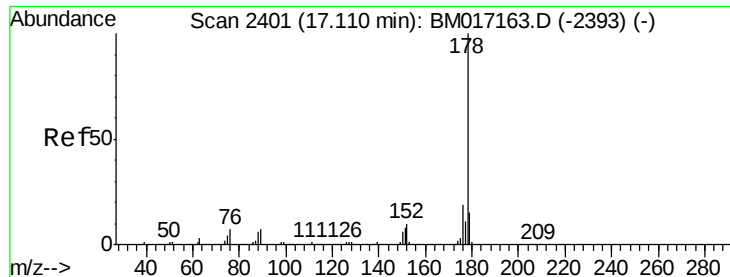
Tot Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.3	48.3#
105	0.0	1.5	41.5#
51	0.0	8.8	48.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.5	7.7	11.5

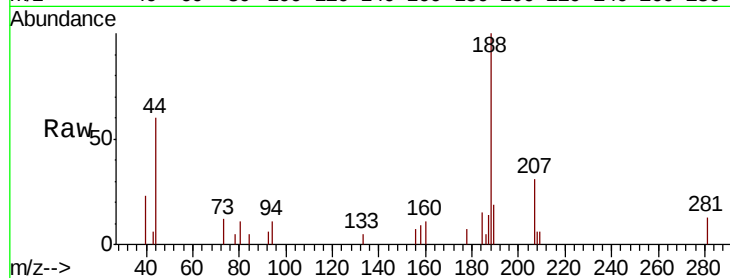




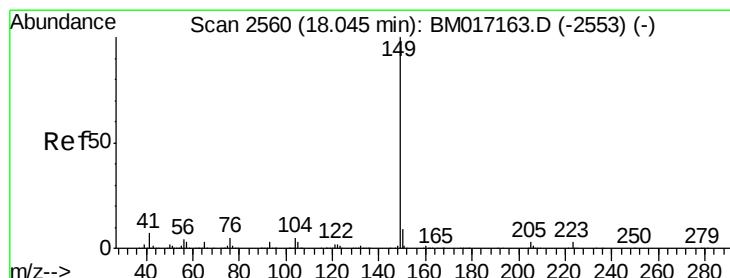
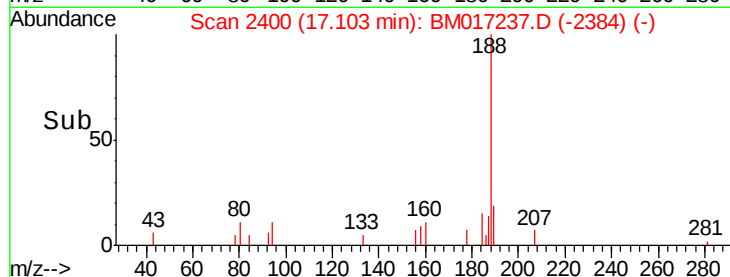
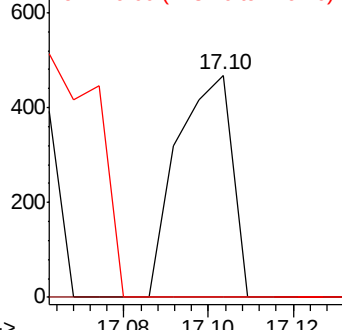
#71
 Phenanthrene
 Concen: 0.005 ng
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 424
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.6#
 179 0.0 12.3 18.5#

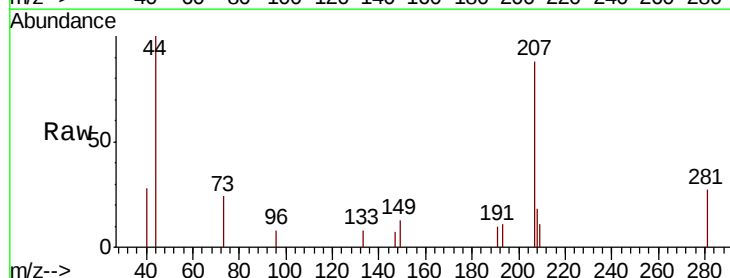


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

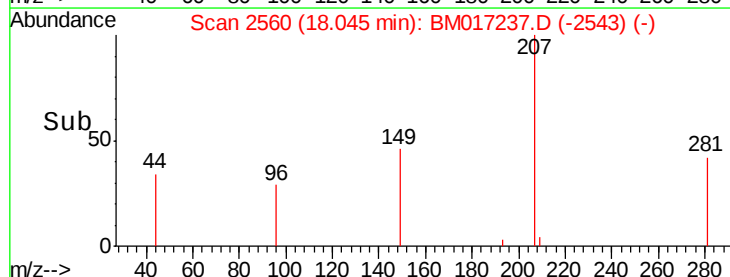
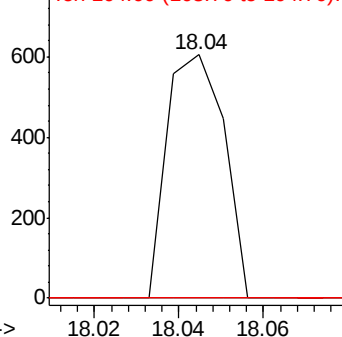


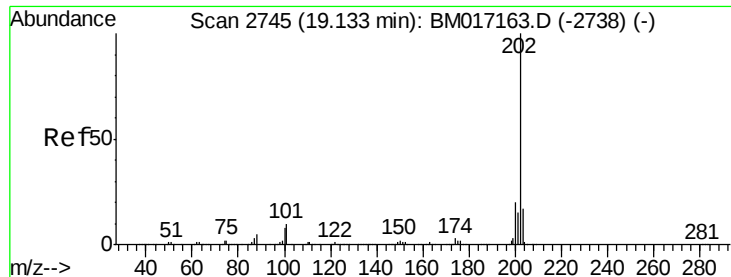
#74
 Di-n-butylphthalate
 Concen: 0.006 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Tgt Ion:149 Resp: 569
 Ion Ratio Lower Upper
 149 100
 150 0.0 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: 0.007 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BM017237.D

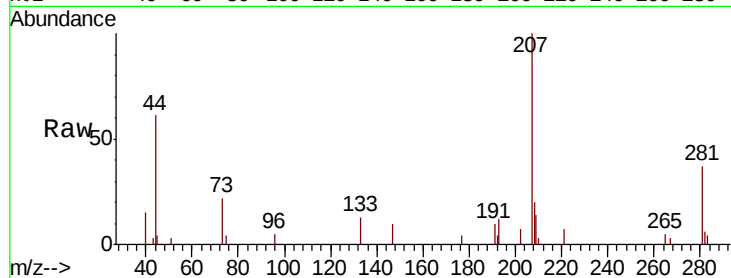
Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	683
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

19.14

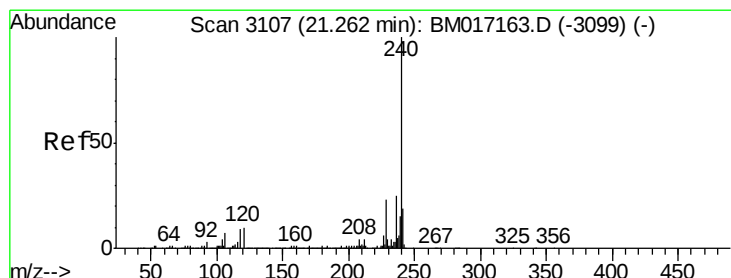
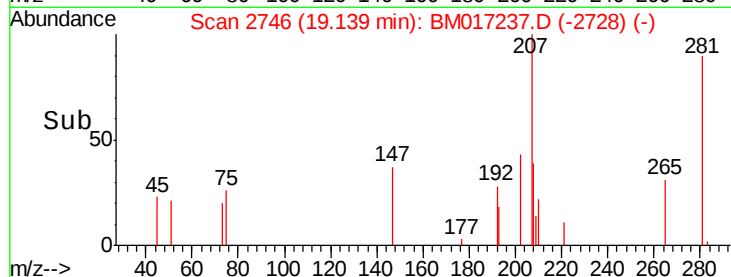
600

400

200

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

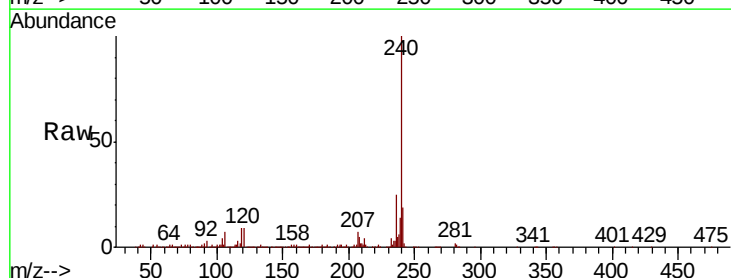
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Tgt Ion:	240	Resp:	1376012
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.1	12.1
236	24.8	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

21.25

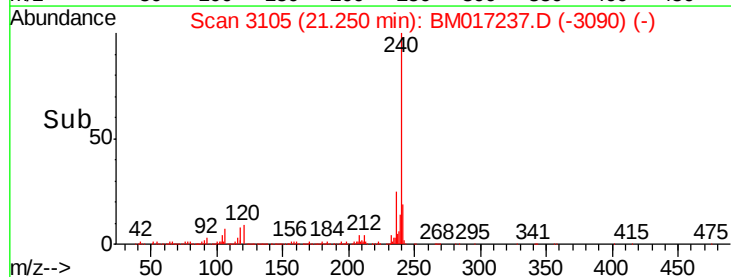
1500000

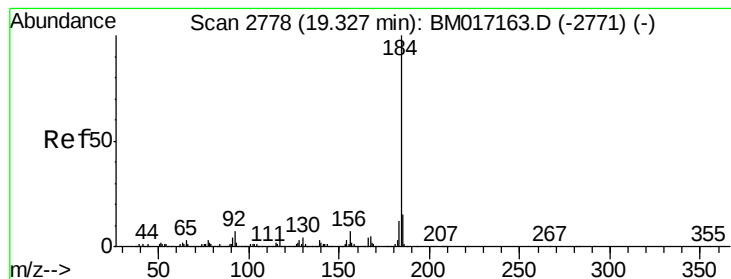
1000000

500000

0

Time-->





#77

Benzidine

Concen: 0.030 ng

RT: 19.36 min Scan# 2784

Delta R.T. 0.04 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

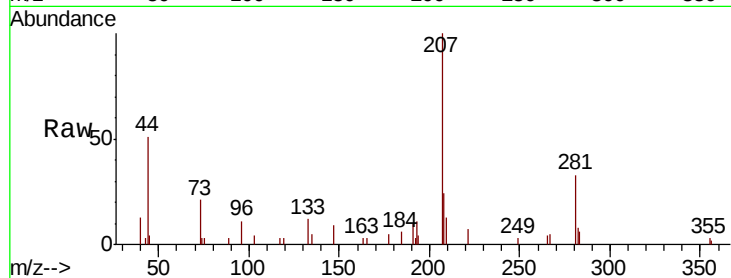
Tot Ion:184 Resp: 1043

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.8#

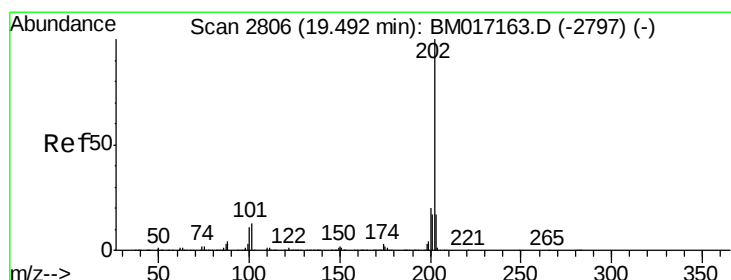
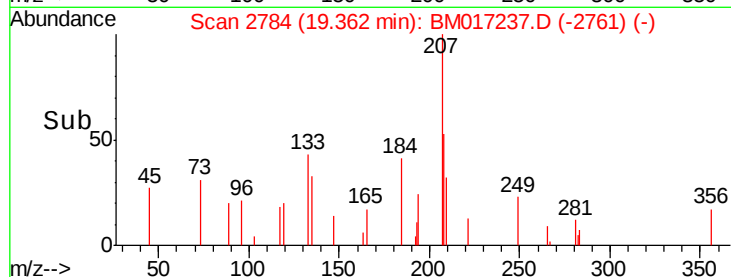
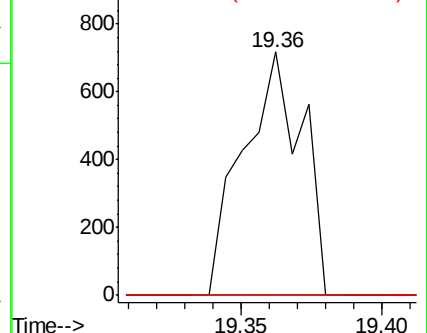
183 0.0 9.7 14.5#



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: 0.007 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

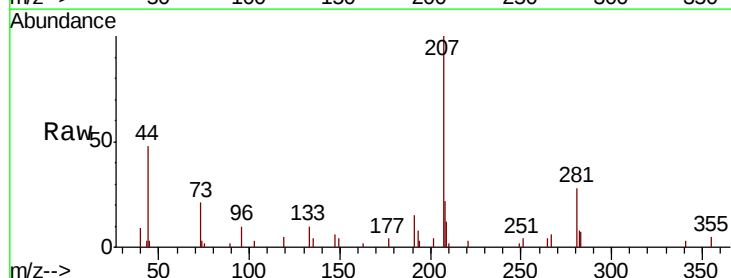
Tgt Ion:202 Resp: 529

Ion Ratio Lower Upper

202 100

200 0.0 16.3 24.5#

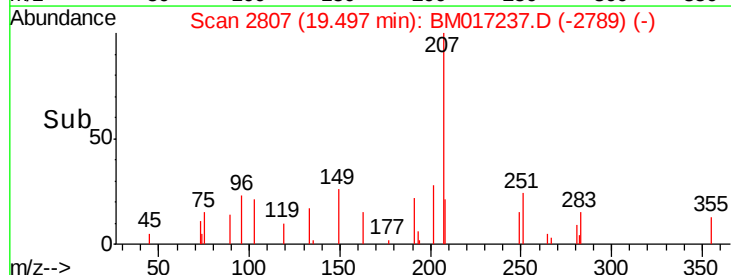
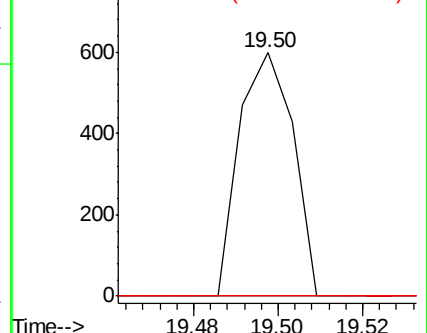
203 0.0 13.9 20.9#

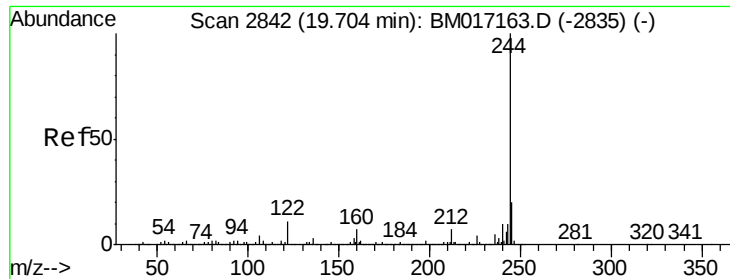


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.699 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampled :

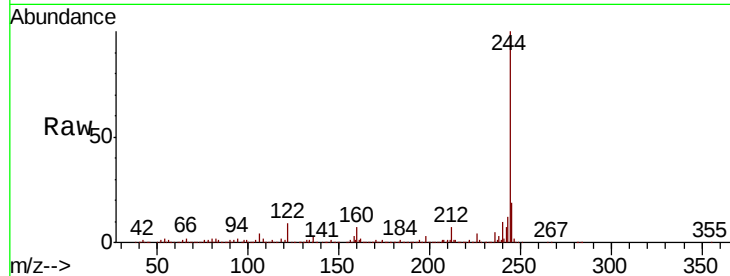
Tot Ion:244 Resp: 4377041

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

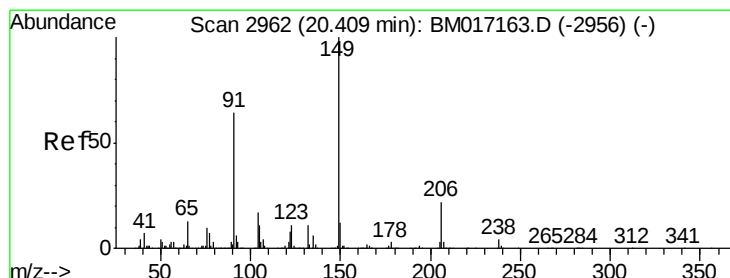
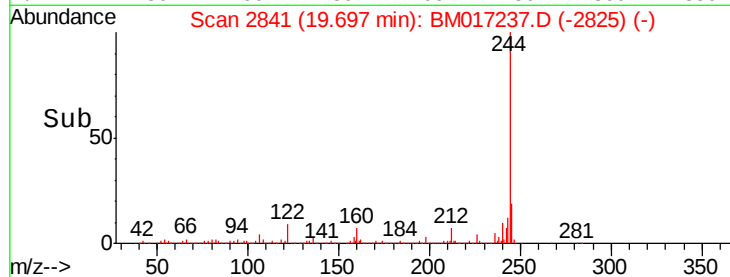
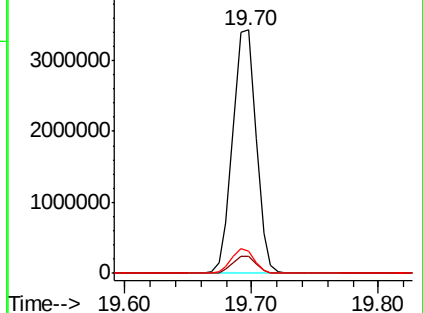
122 9.3 8.4 12.6



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: 7.186 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

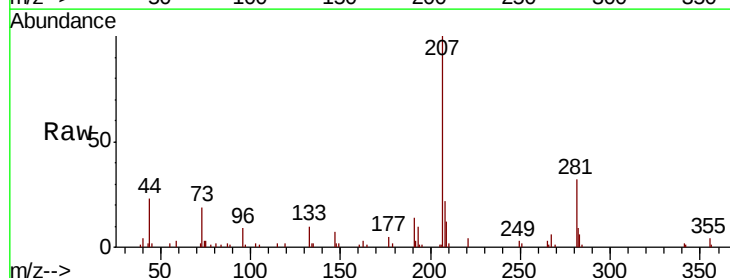
Tgt Ion:149 Resp: 351

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

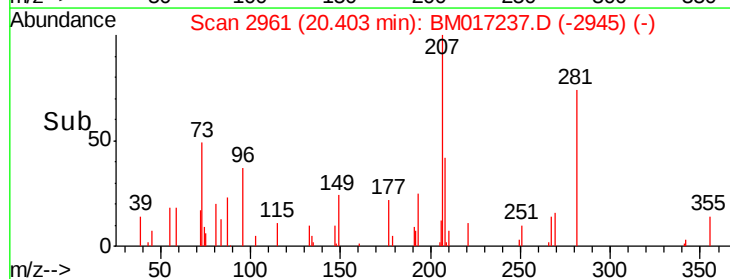
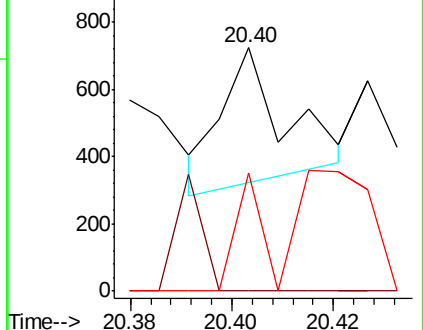
206 48.7 18.0 27.0#

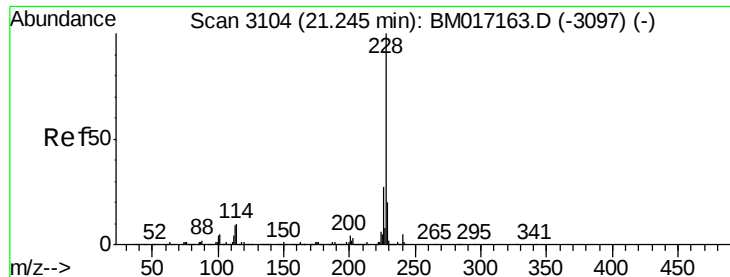


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

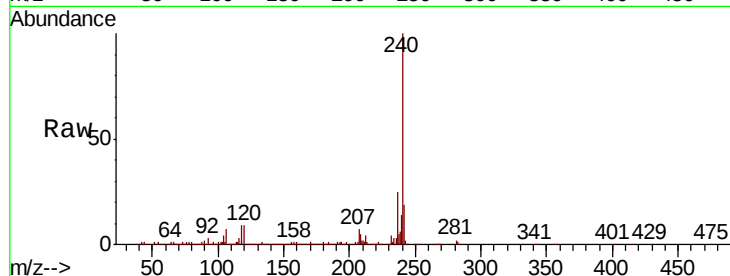
Tot Ion:228 Resp: 4774

Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.0#

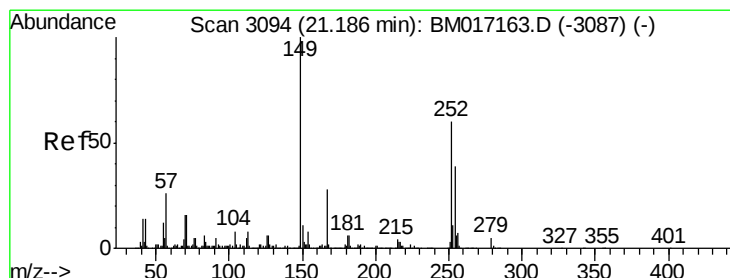
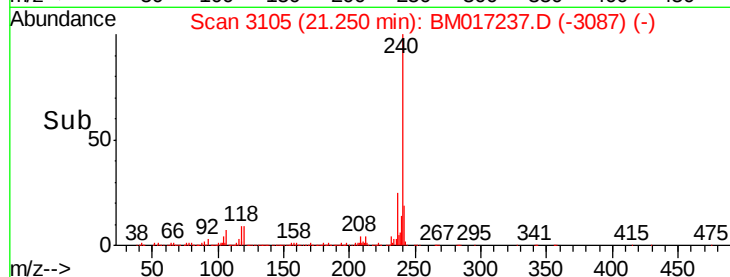
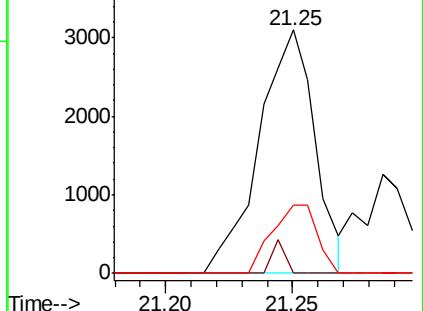
229 27.9 15.9 23.9#



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: 0.017 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

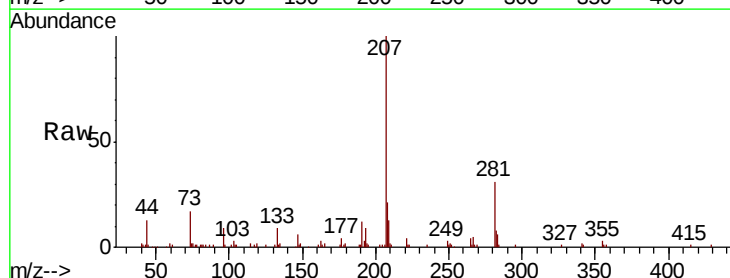
Tgt Ion:252 Resp: 477

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

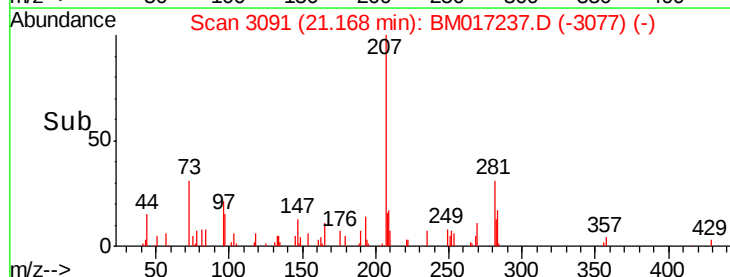
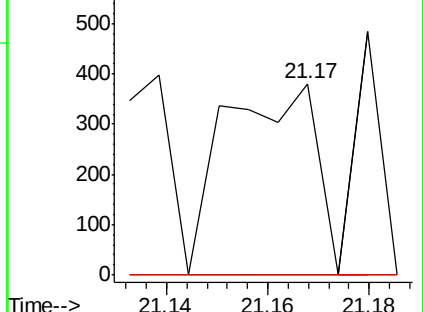
126 0.0 8.6 12.8#

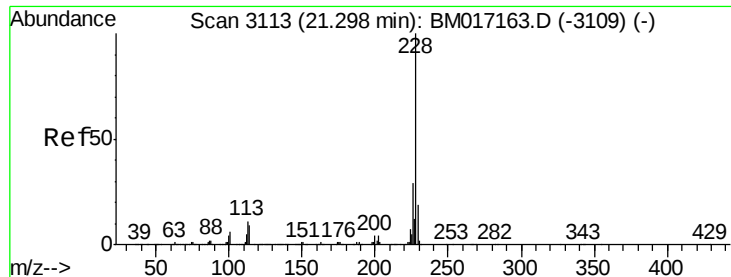


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

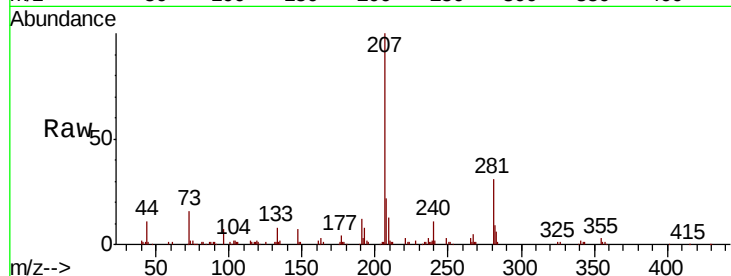




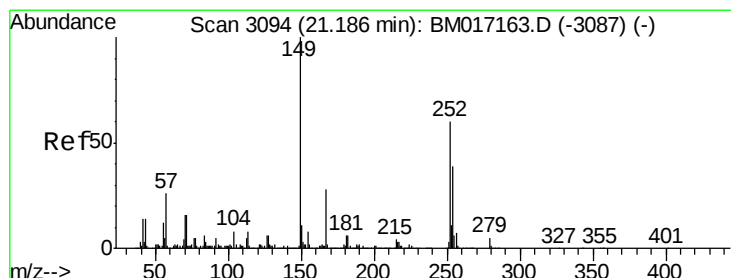
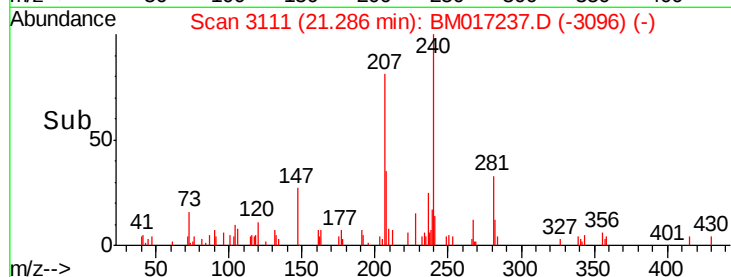
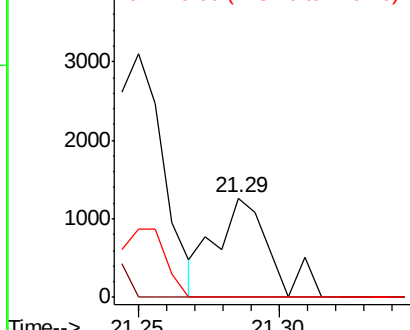
#83
 Chrvsene
 Concen: 0.022 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1680
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.3 34.9#
 229 0.0 15.6 23.4#

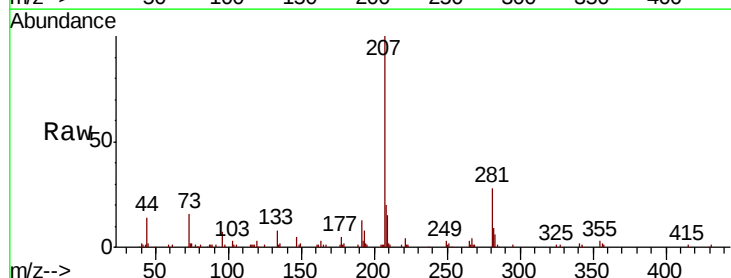


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

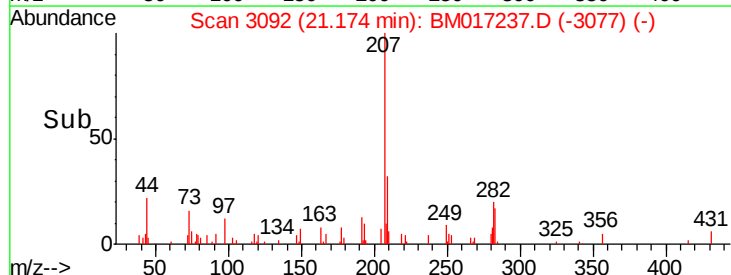
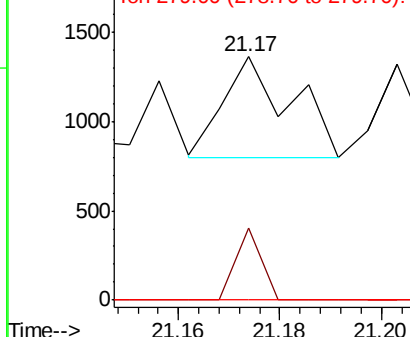


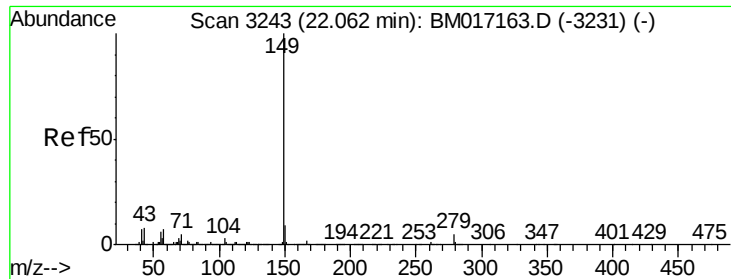
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.318 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Tgt Ion:149 Resp: 519
 Ion Ratio Lower Upper
 149 100
 167 29.5 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: 5.577 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

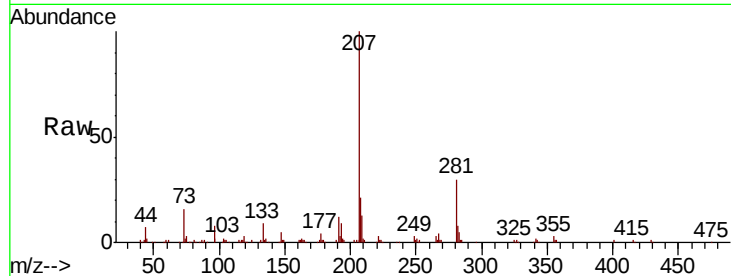
Tot Ion:149 Resp: 485

Ion Ratio Lower Upper

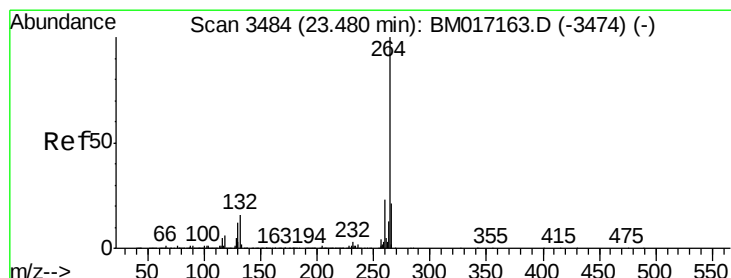
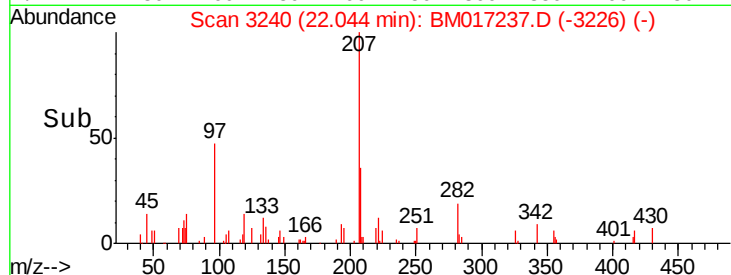
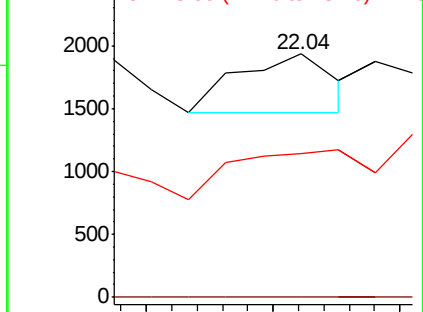
149 100

167 0.0 1.4 2.0#

43 138.8 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

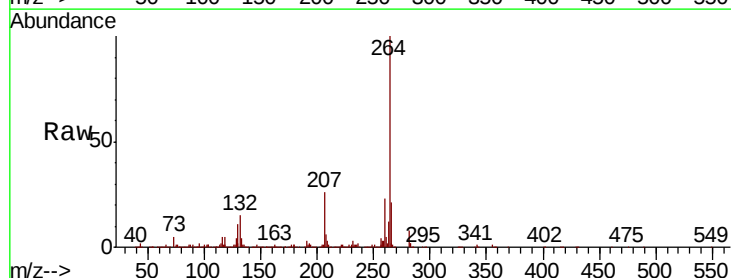
Tgt Ion:264 Resp: 1127137

Ion Ratio Lower Upper

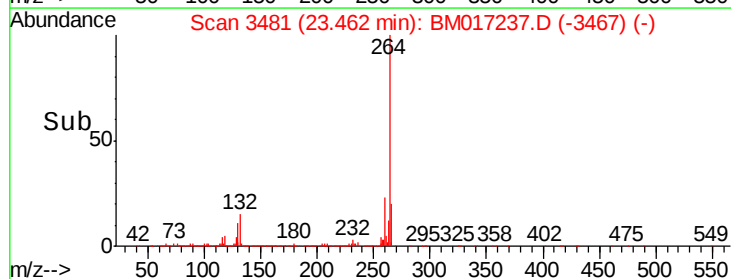
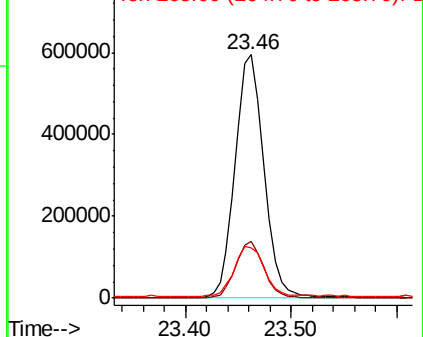
264 100

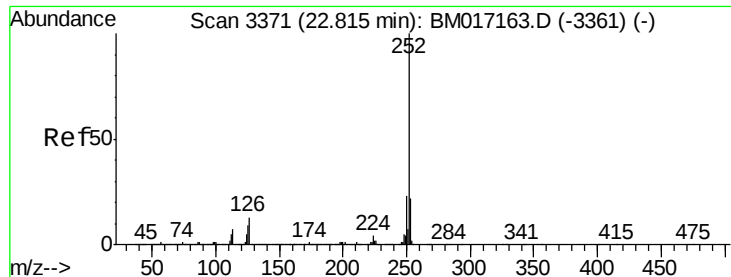
260 23.2 18.6 27.8

265 20.7 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.013 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampled :

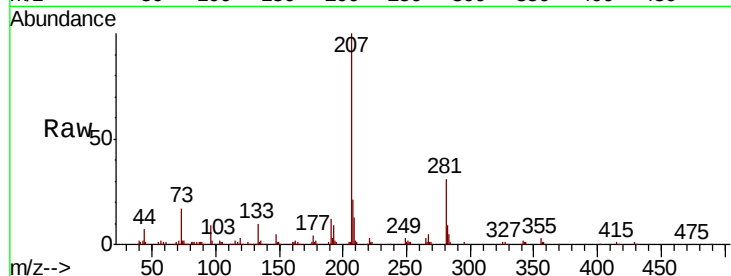
Tot Ion:252 Resp: 831

Ion Ratio Lower Upper

252 100

253 85.0 17.4 26.2#

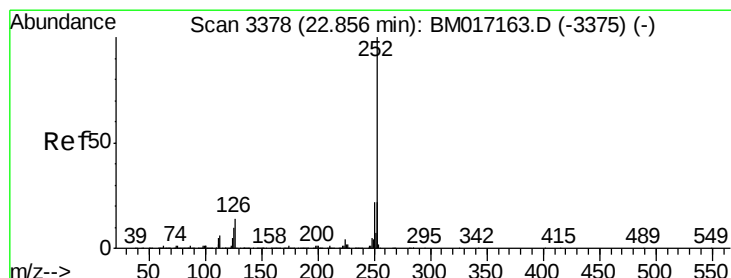
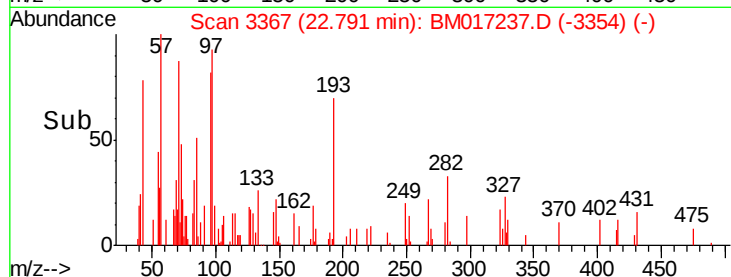
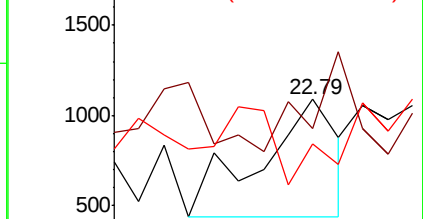
125 77.4 7.5 11.3#



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: 0.009 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

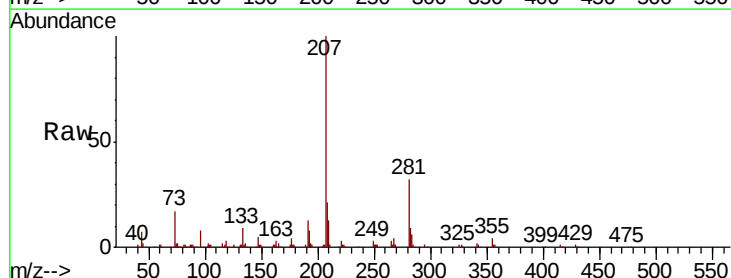
Tgt Ion:252 Resp: 560

Ion Ratio Lower Upper

252 100

253 97.2 17.5 26.3#

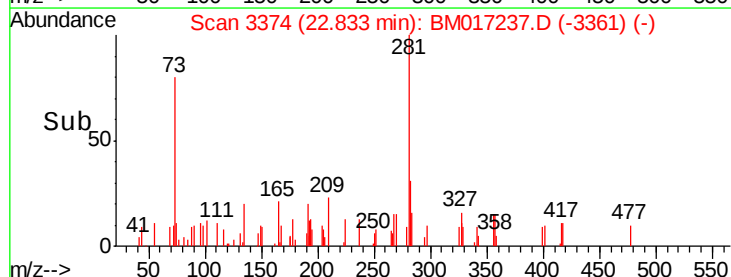
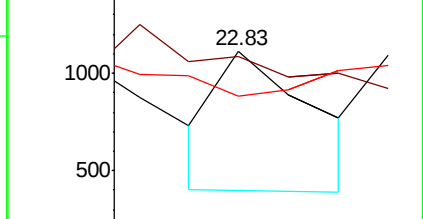
125 79.3 8.2 12.2#

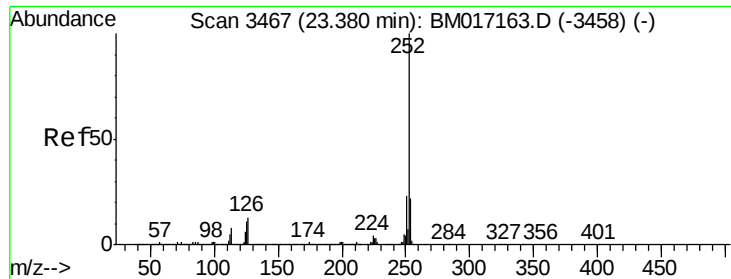


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

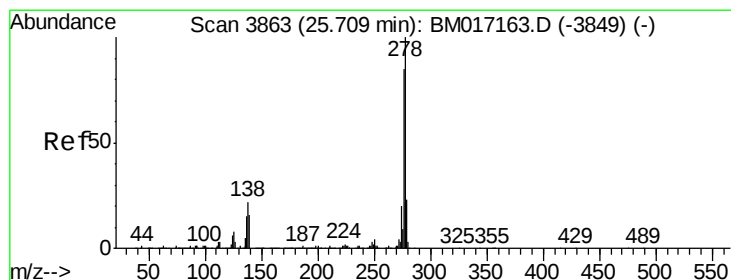
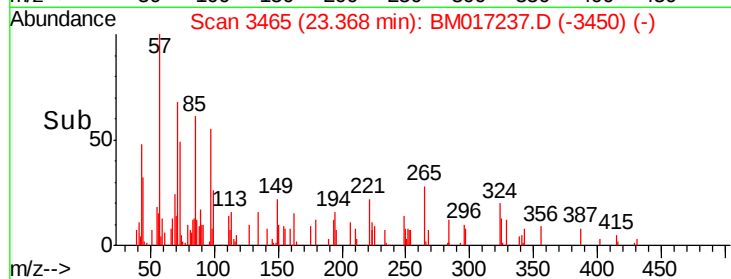
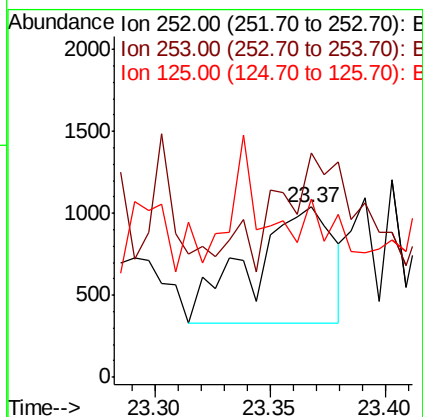
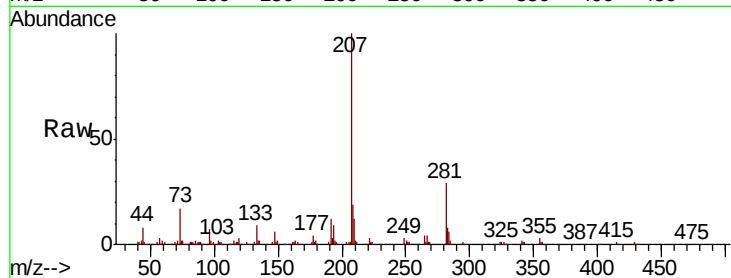




#90
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 1757
Ion Ratio Lower Upper
252 100
253 132.0 17.4 26.0#
125 105.0 8.6 13.0#



#91
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Tgt Ion:278 Resp: 139
Ion Ratio Lower Upper
278 100
139 0.0 12.7 19.1#
279 81.7 18.7 28.1#

