

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017171.D
 Acq On : 17 Oct 2018 17:35
 Operator : MJ/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113698BL

Quant Time: Oct 18 13:01:03 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	230894	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	830418	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	433386	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	961397	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1010537	20.00	ng	0.00
87) Perylene-d12	23.47	264	1033058	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1490148	109.16	ng	0.00
7) Phenol-d6	6.86	99	1899816	102.18	ng	0.00
23) Nitrobenzene-d5	8.83	82	1140471	80.32	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	648408	110.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2581471	79.25	ng	0.00
79) Terphenyl-d14	19.70	244	3529695	78.73	ng	0.00

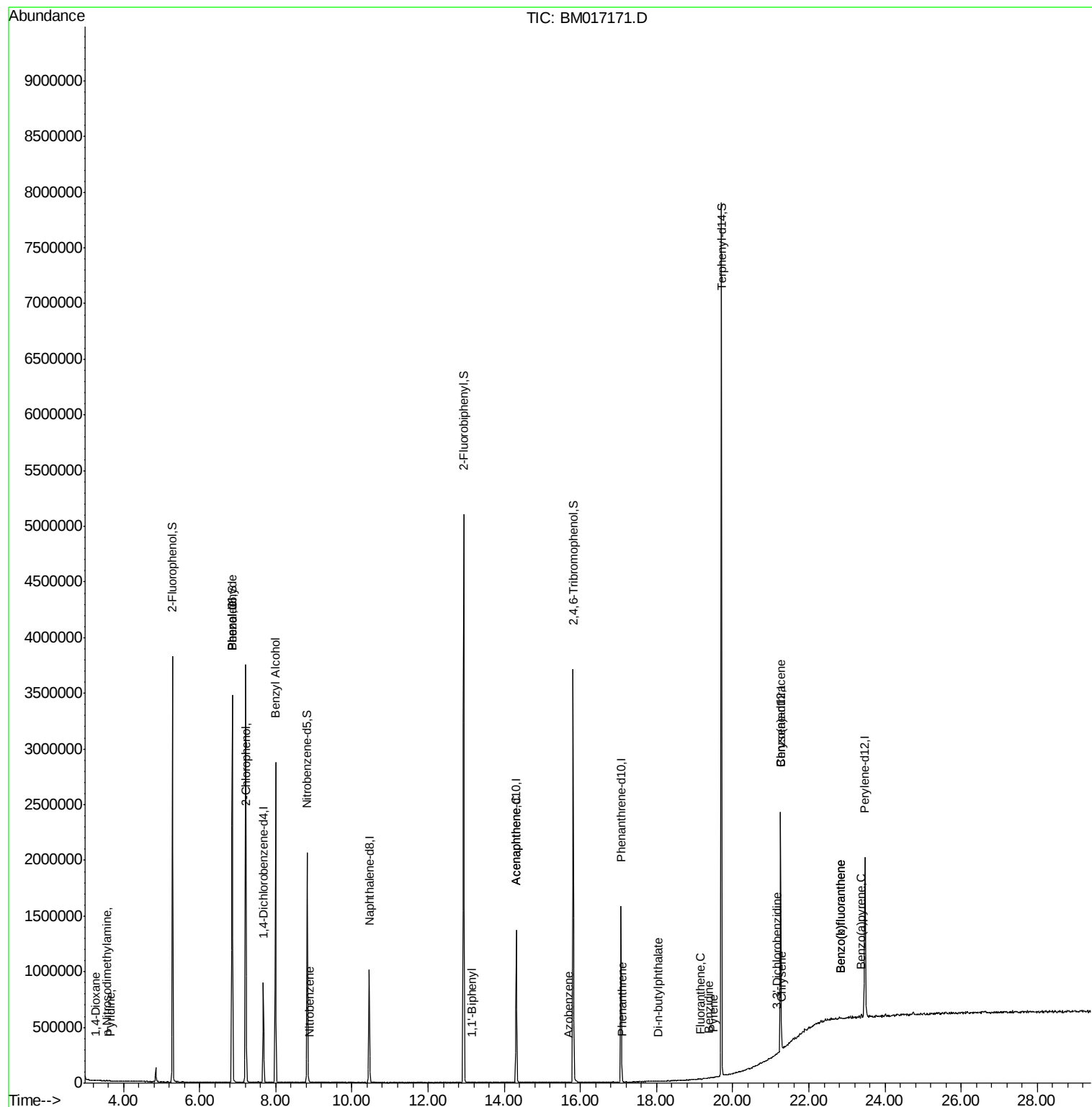
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	358	0.051	ng	# 1
3) Pyridine	3.66	79	365	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	1466	0.228	ng	# 1
8) 2-Chlorophenol	7.23	128	355	0.022	ng	# 1
9) Benzaldehyde	6.86	77	3683	0.311	ng	# 1
10) Phenol	6.86	94	242	0.012	ng	# 1
15) Benzyl Alcohol	7.99	79	18662	1.373	ng	# 55
24) Nitrobenzene	8.89	77	275	0.018	ng	# 36
46) 1,1'-Biphenyl	13.15	154	3216	0.082	ng	# 93
52) Acenaphthene	14.32	154	1549	0.059	ng	# 4
63) Azobenzene	15.70	77	226	0.007	ng	# 24
71) Phenanthrene	17.11	178	111	0.002	ng	# 60
74) Di-n-butylphthalate	18.04	149	119	0.002	ng	# 78
75) Fluoranthene	19.16	202	121	0.002	ng	# 65
77) Benzidine	19.37	184	109	0.004	ng	# 66
78) Pyrene	19.50	202	129	0.002	ng	# 58
81) Benzo(a)anthracene	21.26	228	2714	0.048	ng	# 55
82) 3,3'-Dichlorobenzidine	21.17	252	242	0.011	ng	# 25
83) Chrysene	21.29	228	114	0.002	ng	# 50
88) Benzo(b)fluoranthene	22.83	252	913	0.016	ng	# 1
89) Benzo(k)fluoranthene	22.83	252	913	0.016	ng	# 1
90) Benzo(a)pyrene	23.37	252	533	0.010	ng	# 1

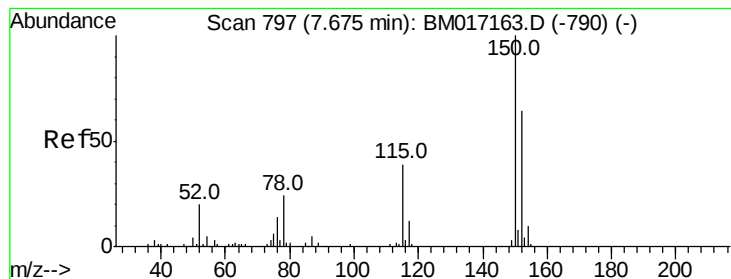
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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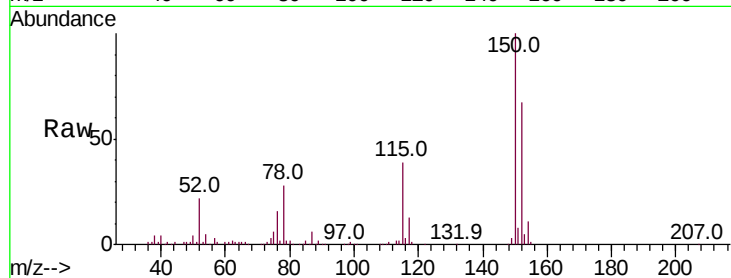


#1

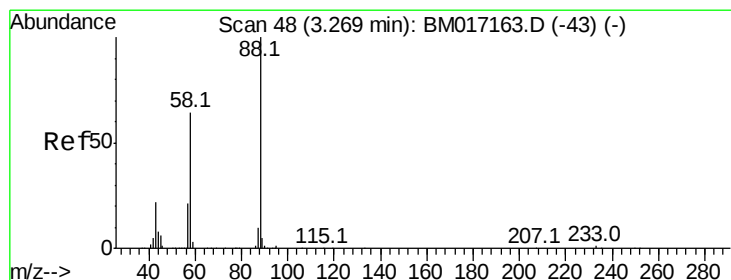
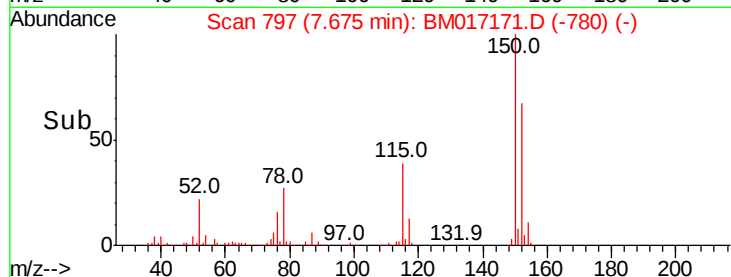
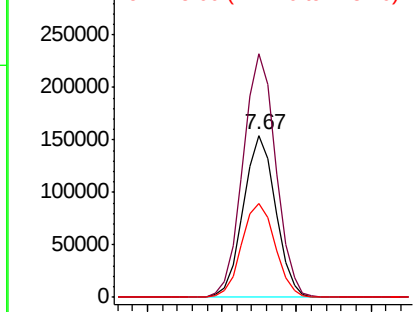
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017171.D
Acq: 17 Oct 2018 17:35

Instrument :
BNA_M
ClientSampleId :
PB113698BL

Tot Ion:152 Resp: 230894
Ion Ratio Lower Upper
152 100
150 150.1 124.3 186.5
115 58.0 48.1 72.1



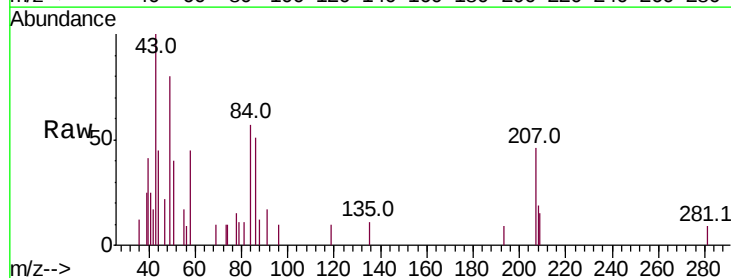
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



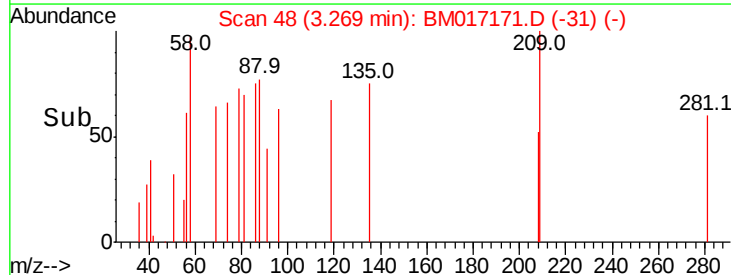
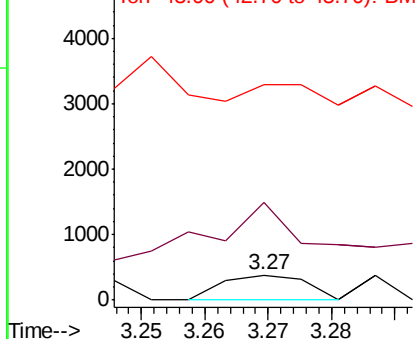
#2

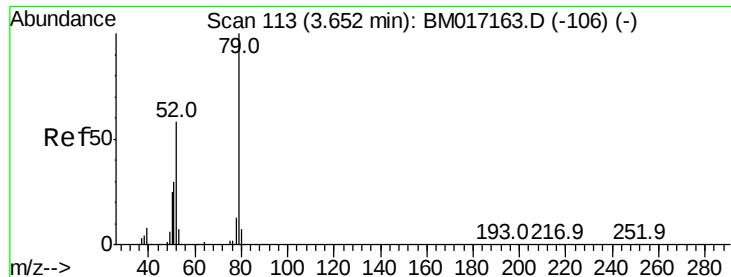
1,4-Dioxane
Concen: 0.051 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017171.D
Acq: 17 Oct 2018 17:35

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
58 243.6 50.2 75.4#
43 100.6 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: 0.023 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

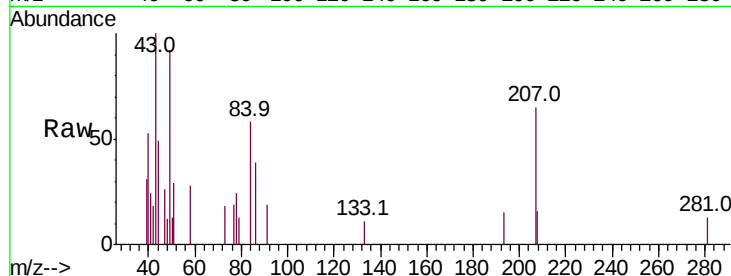
Tot Ion: 79 Resp: 365

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

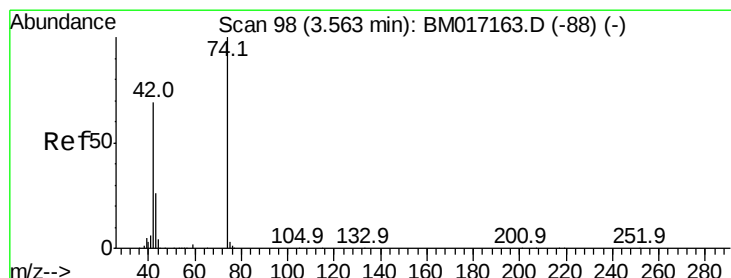
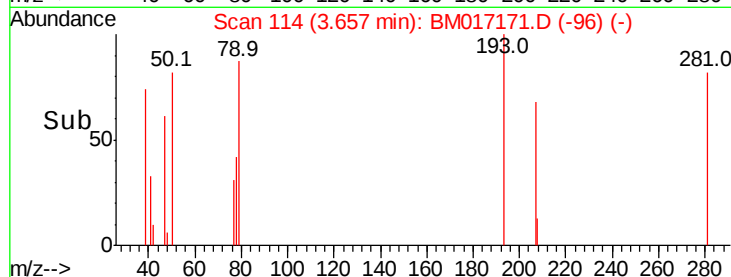
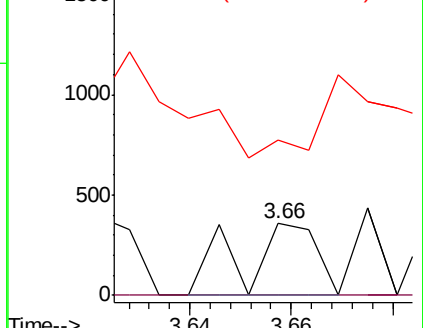
51 216.0 24.6 37.0#



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: 0.228 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

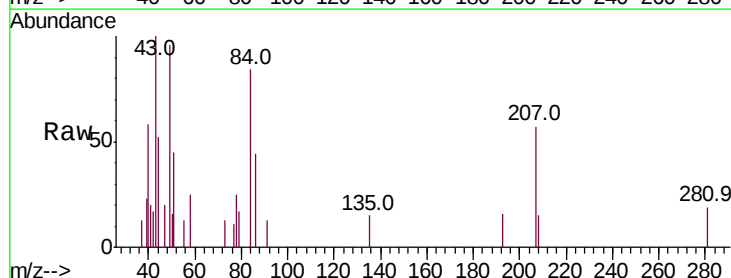
Tgt Ion: 42 Resp: 1466

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

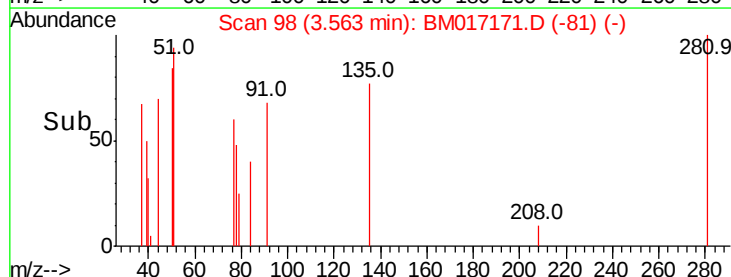
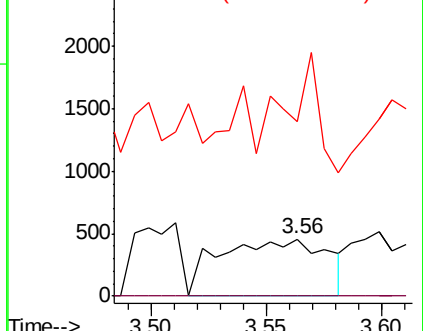
44 305.9 48.6 73.0#

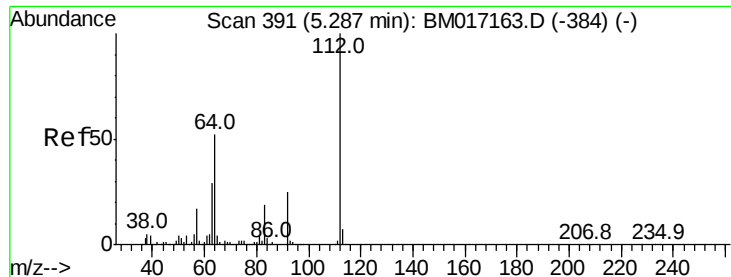


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 109.156 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

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ClientSampleId :

PB113698BL

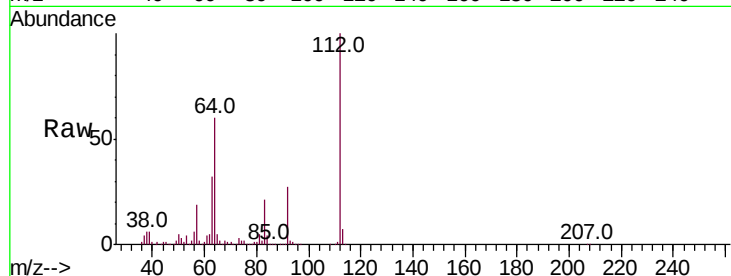
Tot Ion:112 Resp: 1490148

Ion Ratio Lower Upper

112 100

64 59.5 41.7 62.5

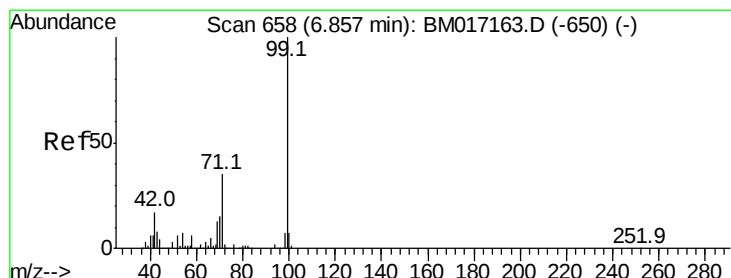
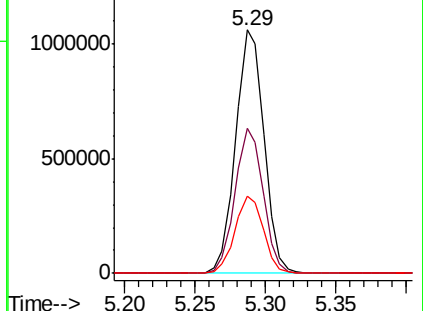
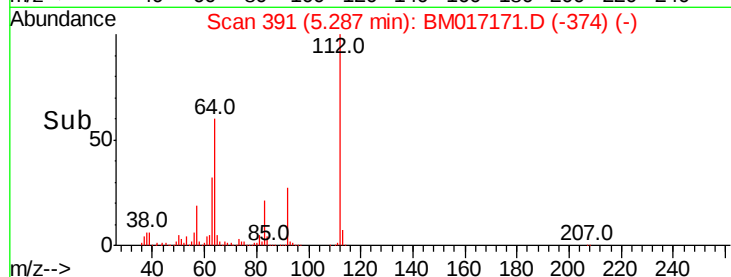
63 32.0 23.0 34.4



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: 102.181 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

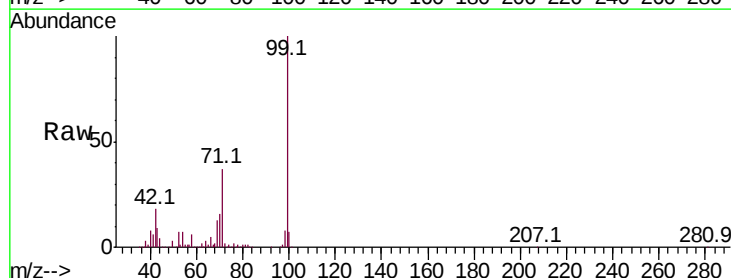
Tgt Ion: 99 Resp: 1899816

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

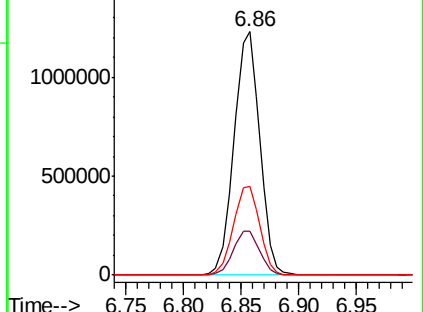
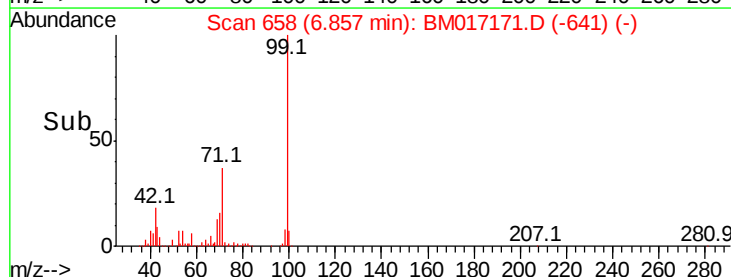
71 36.6 28.0 42.0

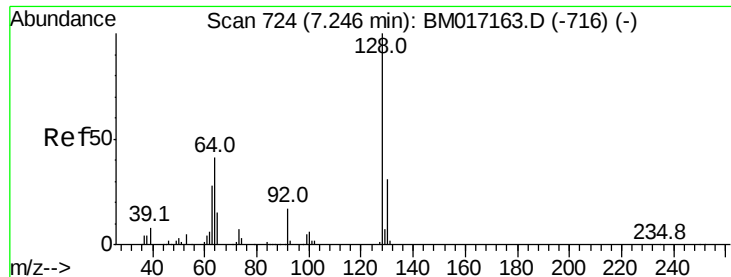


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.022 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

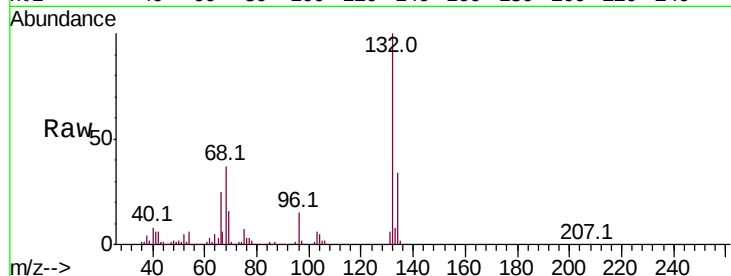
Tot Ion:128 Resp: 355

Ion Ratio Lower Upper

128 100

130 109.7 11.0 51.0#

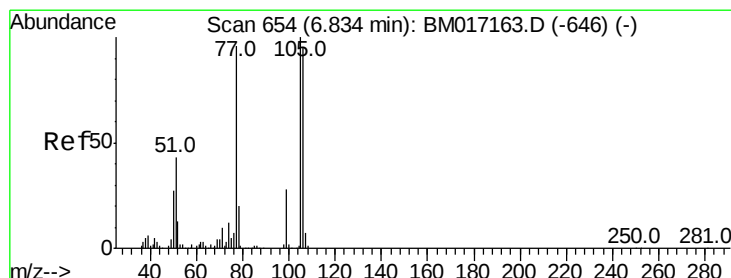
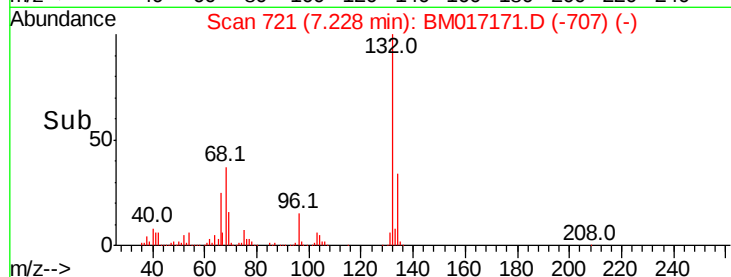
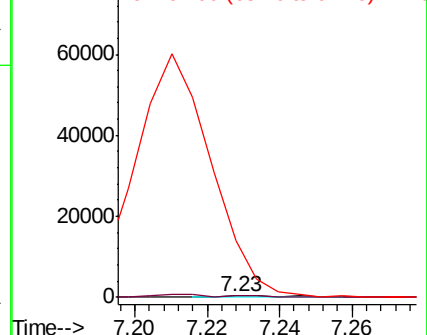
64 3984.6 24.1 64.1#



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: 0.311 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.02 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

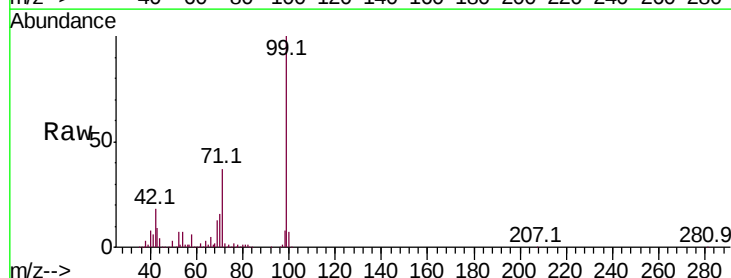
Tgt Ion: 77 Resp: 3683

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

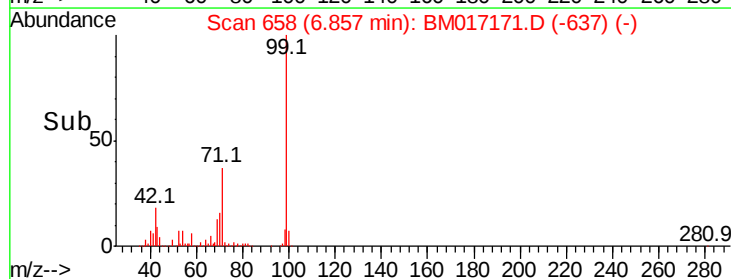
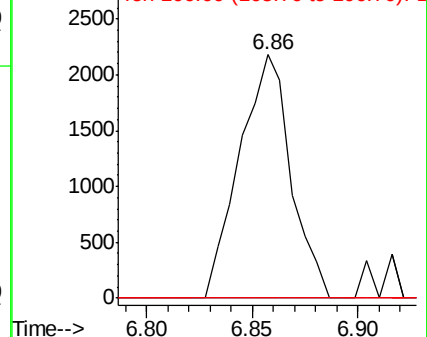
106 0.0 78.2 118.2#

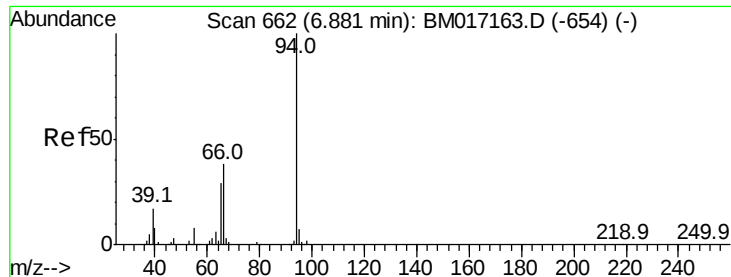


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.012 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

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ClientSampleId :

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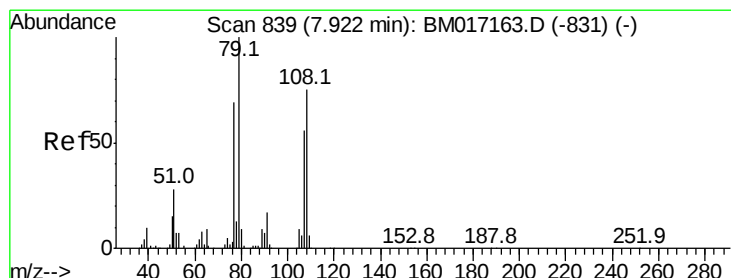
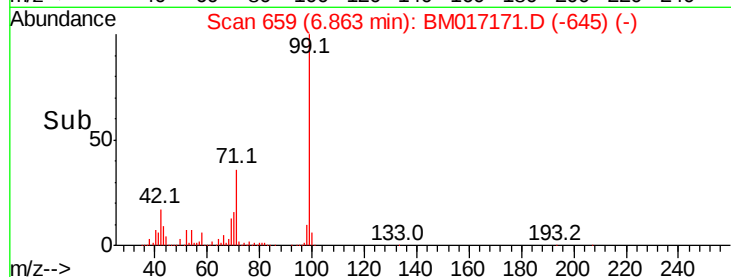
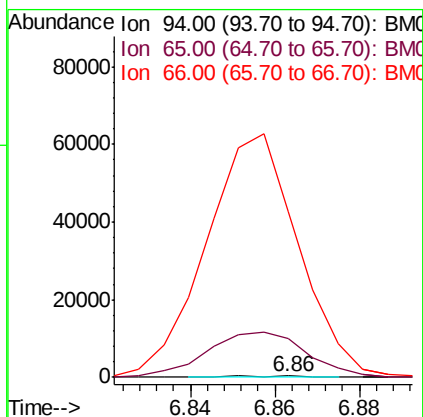
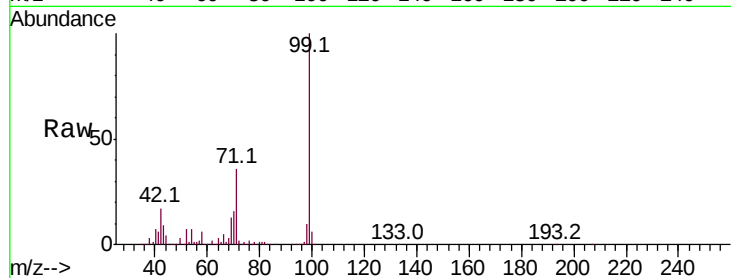
Tot Ion: 94 Resp: 242

Ion Ratio Lower Upper

94 100

65 2788.1 9.4 49.4#

66 11813.3 19.0 59.0#



#15

Benzyl Alcohol

Concen: 1.373 ng

RT: 7.99 min Scan# 851

Delta R.T. 0.07 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

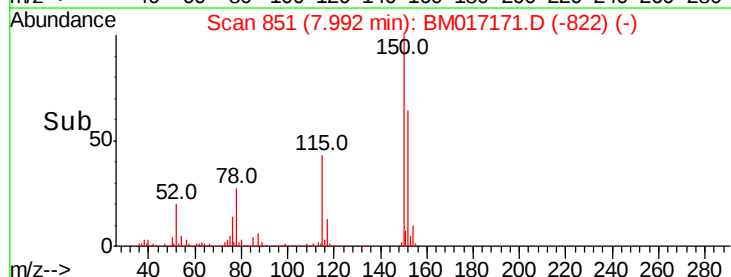
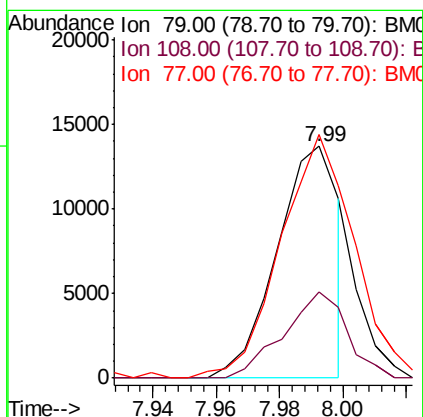
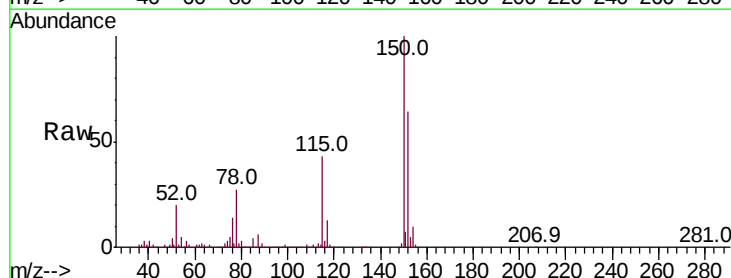
Tgt Ion: 79 Resp: 18662

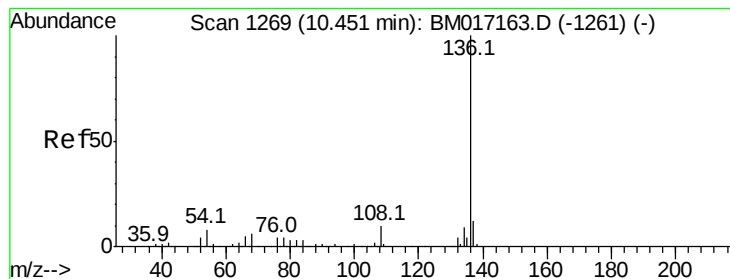
Ion Ratio Lower Upper

79 100

108 37.2 60.3 90.5#

77 105.1 54.8 82.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

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Tot Ion:136 Resp: 830418

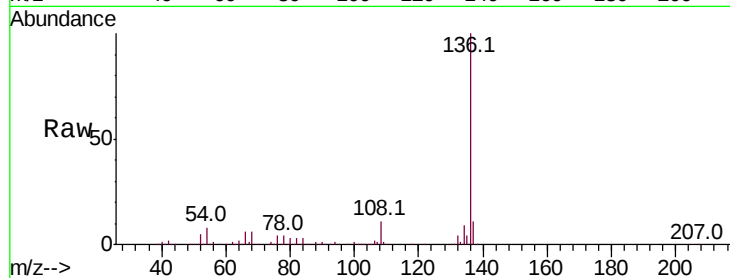
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.8 6.7 10.1

68 5.5 4.7 7.1

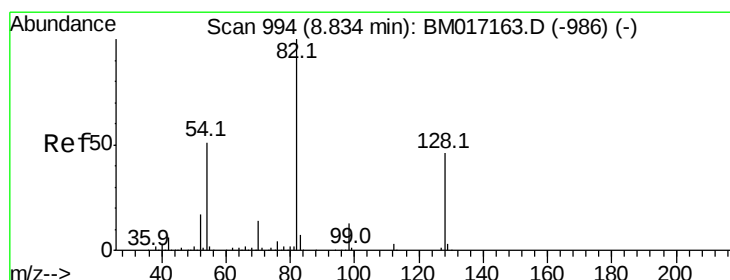
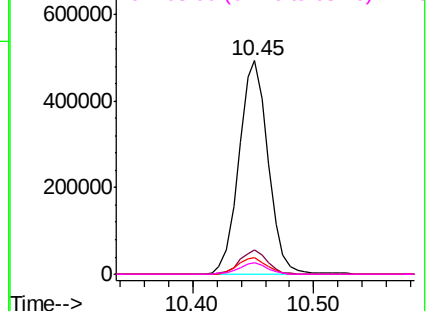
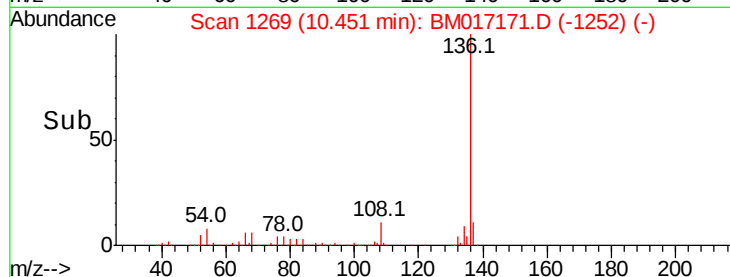


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.322 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

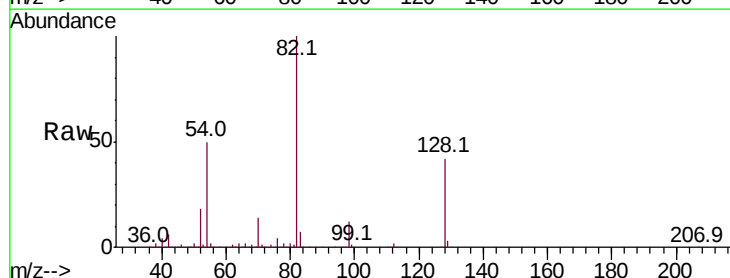
Tgt Ion: 82 Resp: 1140471

Ion Ratio Lower Upper

82 100

128 41.8 37.0 55.6

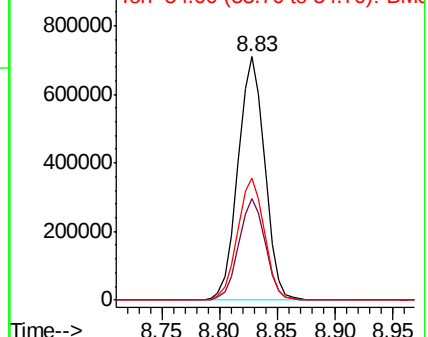
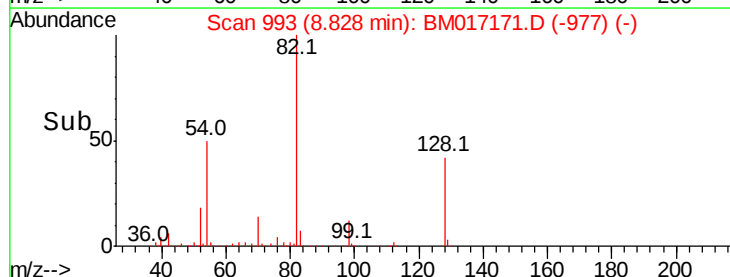
54 50.4 40.7 61.1

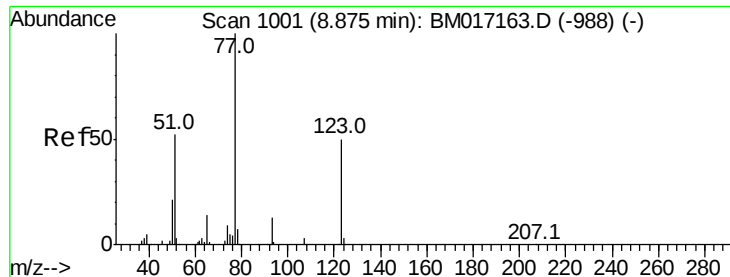


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.018 ng

RT: 8.89 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

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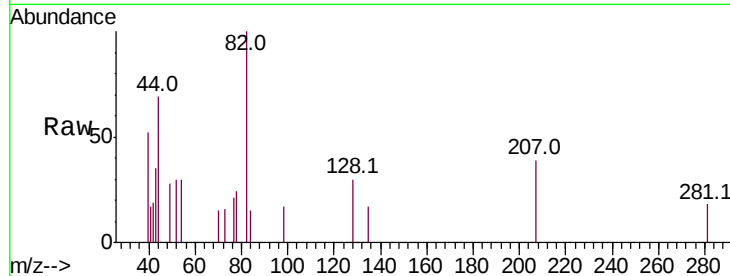
Tot Ion: 77 Resp: 275

Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.4#

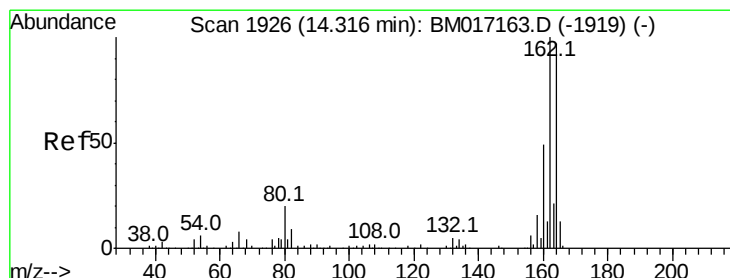
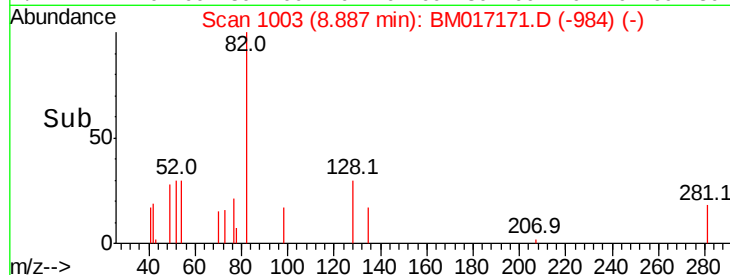
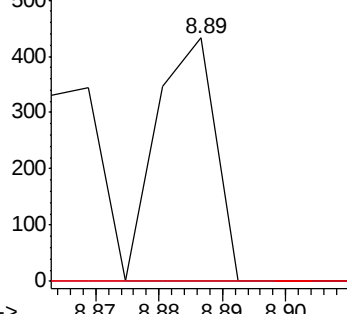
65 0.0 11.4 17.0#



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: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

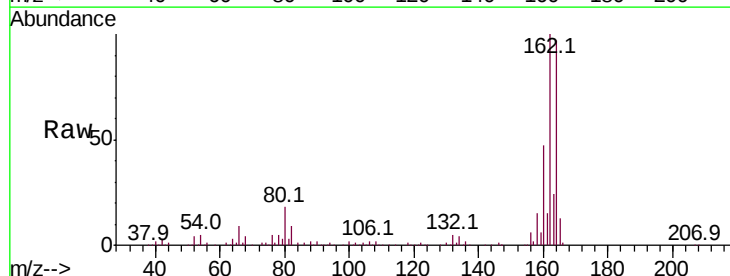
Tgt Ion:164 Resp: 433386

Ion Ratio Lower Upper

164 100

162 103.2 82.1 123.1

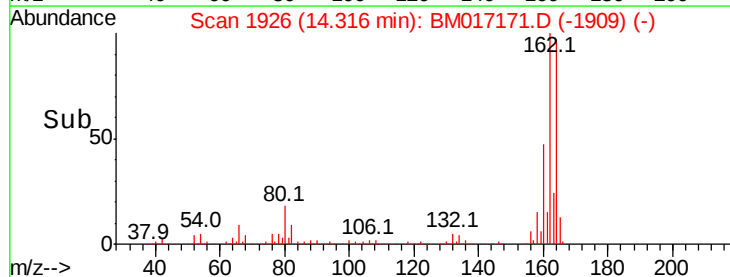
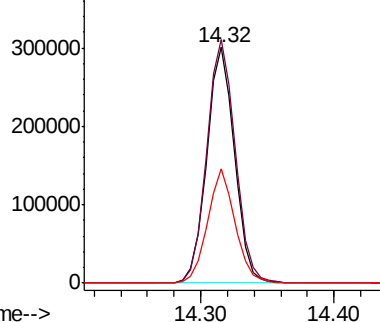
160 48.6 40.2 60.2

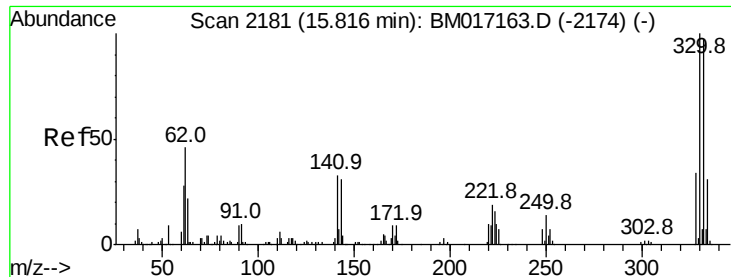


Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)

Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)

Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)

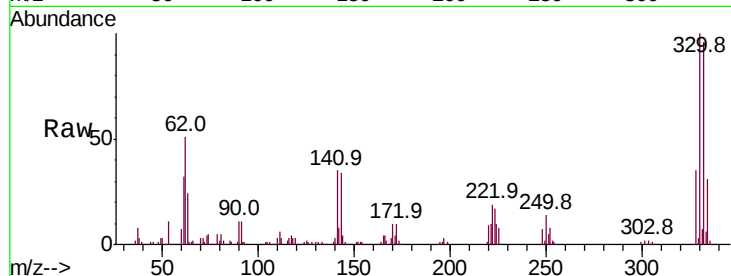




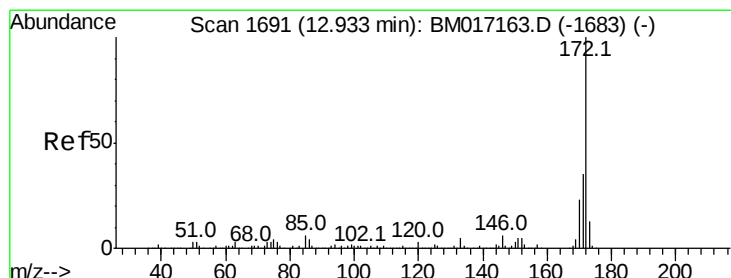
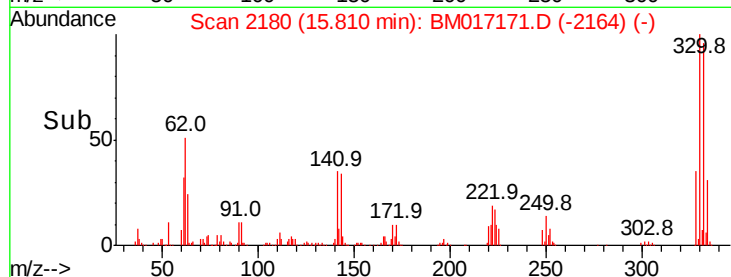
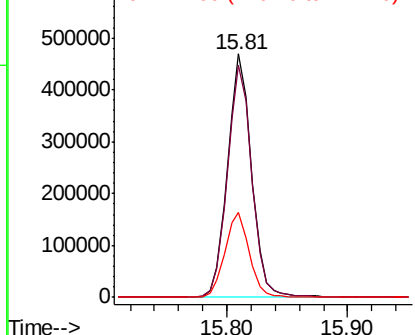
#42
 2,4,6-Tribromophenol
 Concen: 110.633 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Instrument :
 BNA_M
 ClientSampleId :
 PB113698BL

Tot Ion:330 Resp: 648408
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 35.2 27.4 41.0

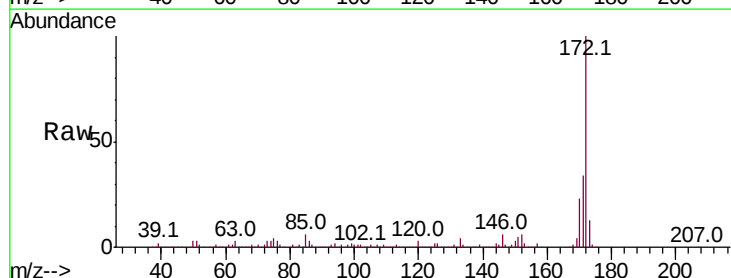


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

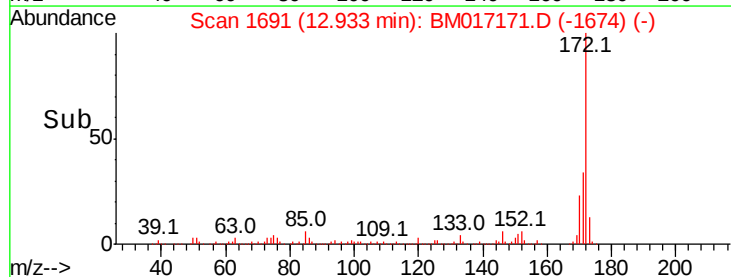
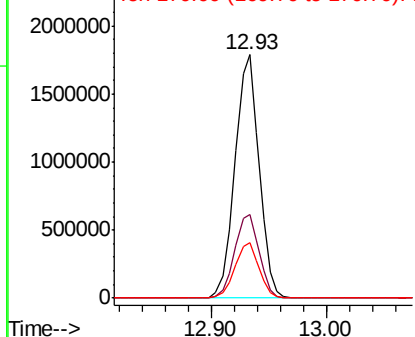


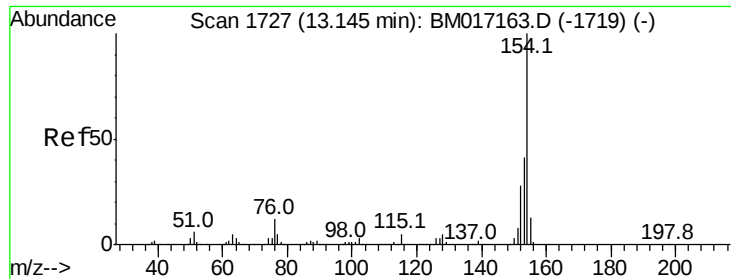
#45
 2-Fluorobiphenyl
 Concen: 79.254 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Tgt Ion:172 Resp: 2581471
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.3 42.5
 170 22.7 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

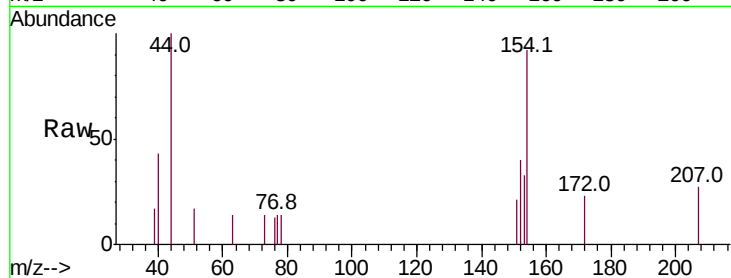




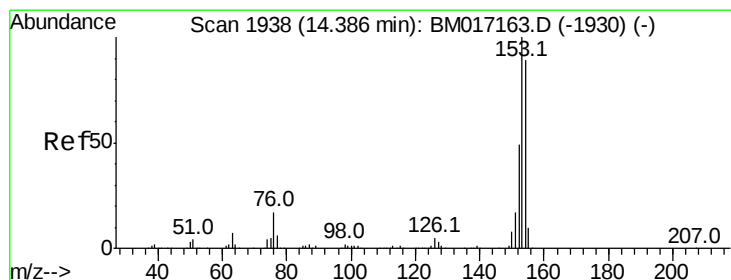
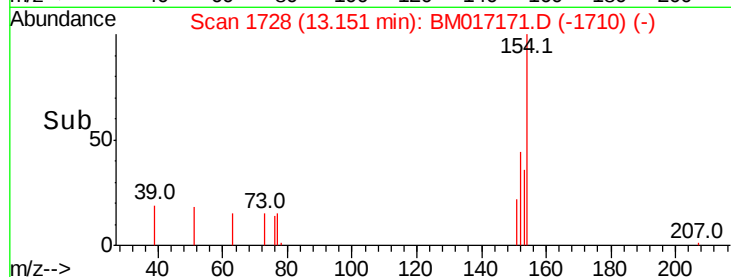
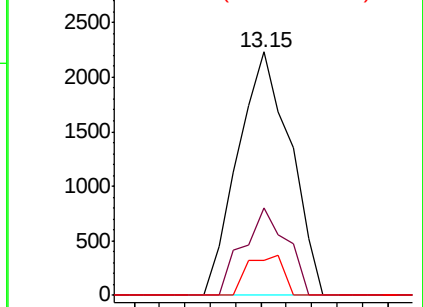
#46
 1,1'-Biphenyl
 Concen: 0.082 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Instrument :
 BNA_M
 ClientSampleId :
 PB113698BL

Tot Ion:154 Resp: 3216
 Ion Ratio Lower Upper
 154 100
 153 35.7 20.5 60.5
 76 14.3 0.0 31.8

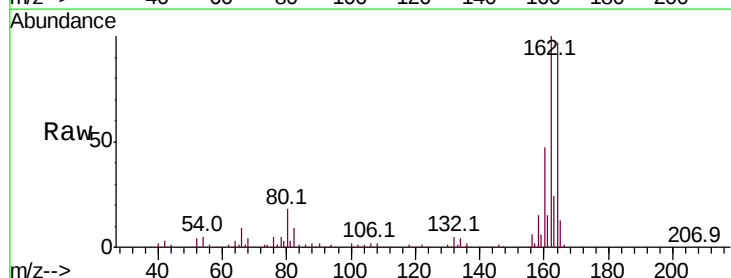


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

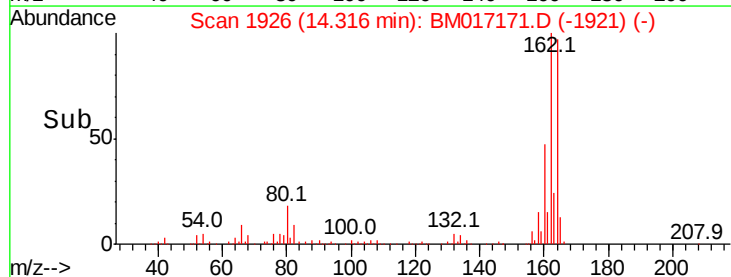
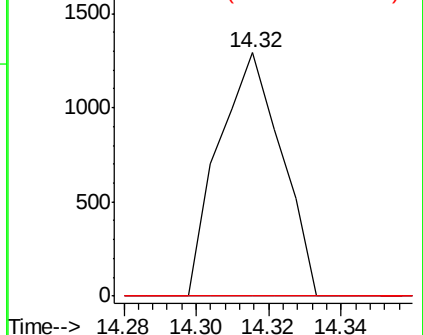


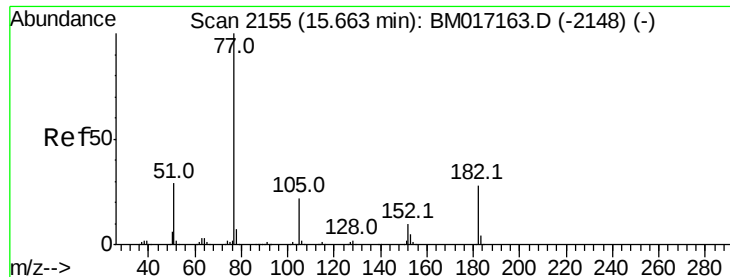
#52
 Acenaphthene
 Concen: 0.059 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.07 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Tgt Ion:154 Resp: 1549
 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: 0.007 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.04 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

Tot Ion: 77 Resp: 226

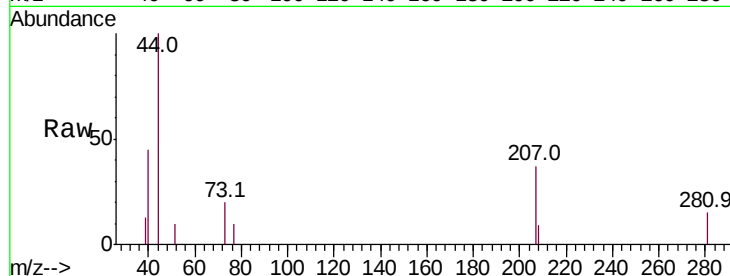
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 0.0 1.5 41.5#

51 93.7 8.8 48.8#

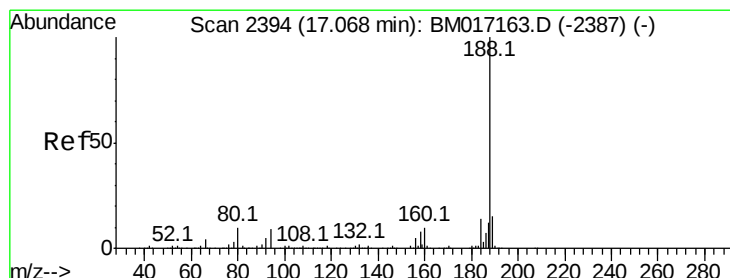
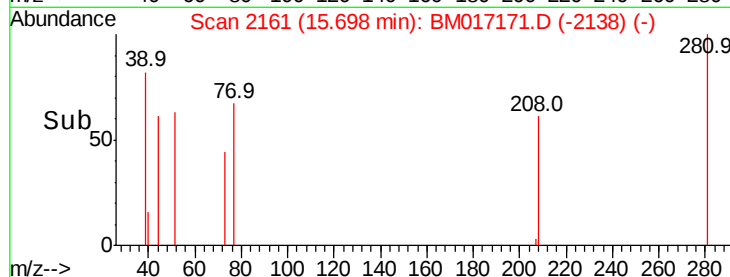
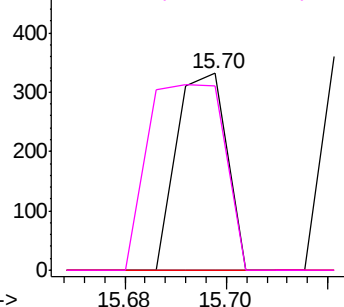


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

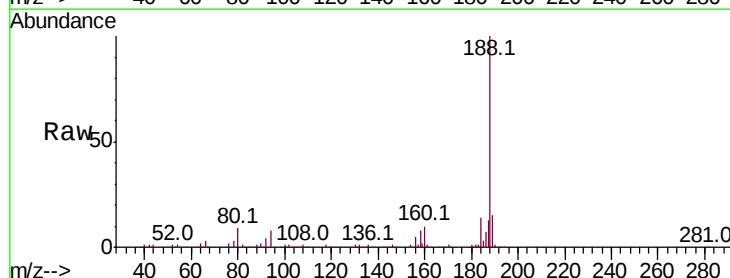
Tgt Ion: 188 Resp: 961397

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

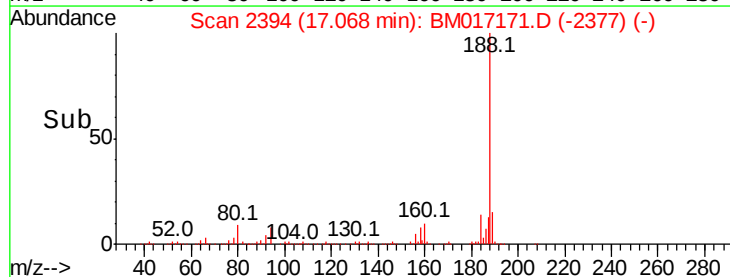
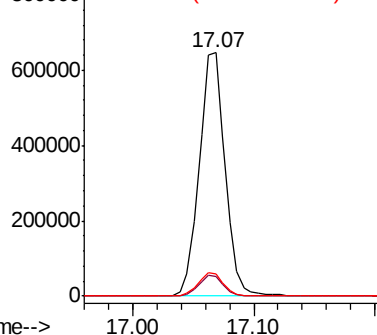
80 9.0 7.7 11.5

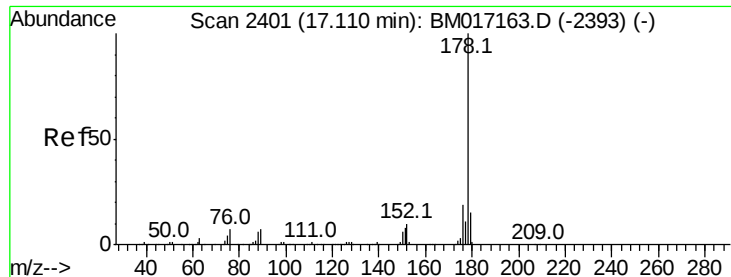


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

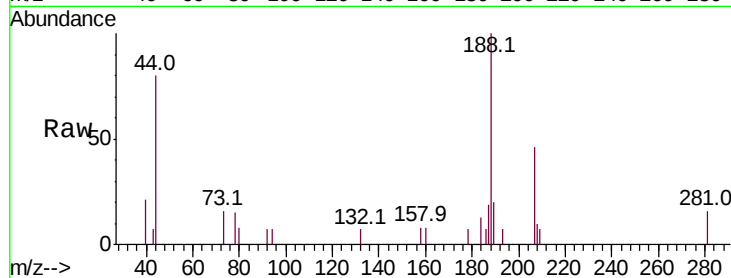




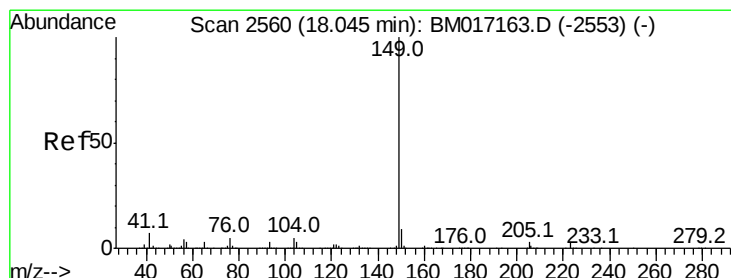
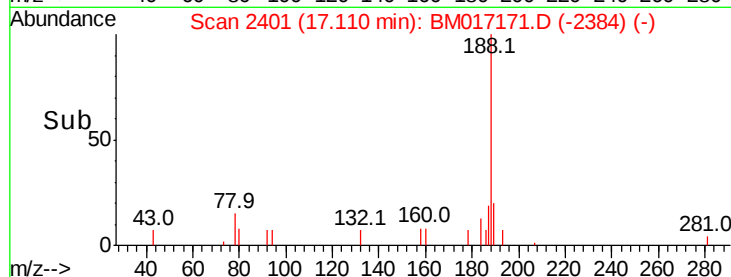
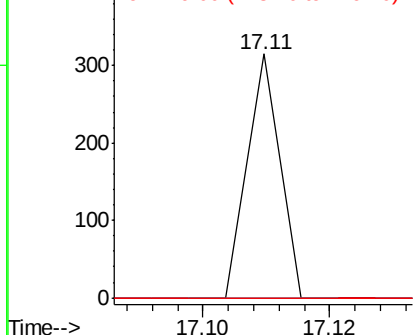
#71
Phenanthrene
Concen: 0.002 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM017171.D
Acq: 17 Oct 2018 17:35

Instrument :
BNA_M
ClientSampleId :
PB113698BL

Tot Ion:178 Resp: 111
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.6#
179 0.0 12.3 18.5#

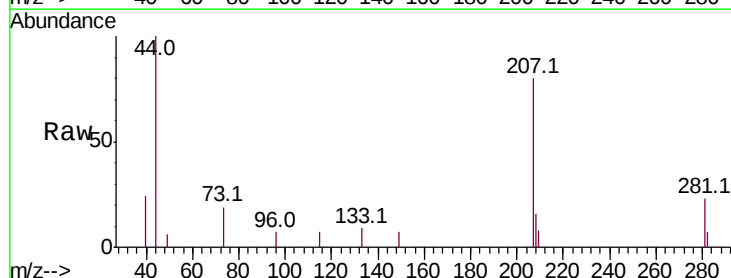


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

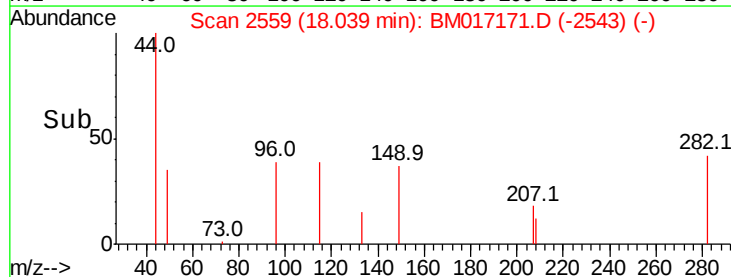
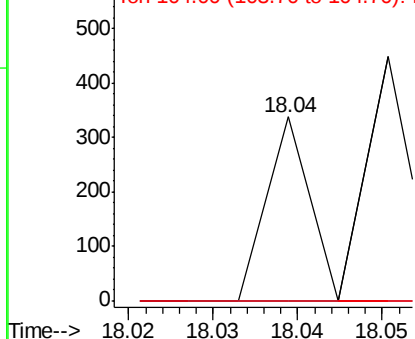


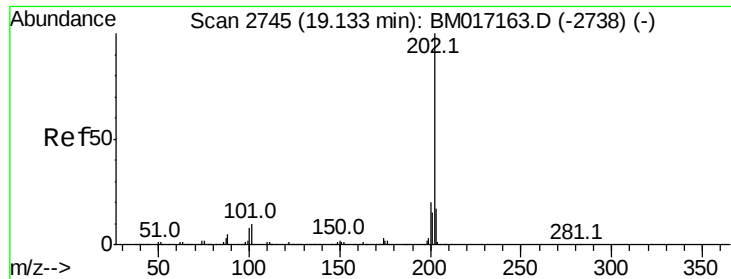
#74
Di-n-butylphthalate
Concen: 0.002 ng
RT: 18.04 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BM017171.D
Acq: 17 Oct 2018 17:35

Tgt Ion:149 Resp: 119
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: 0.002 ng

RT: 19.16 min Scan# 2749

Delta R.T. 0.02 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

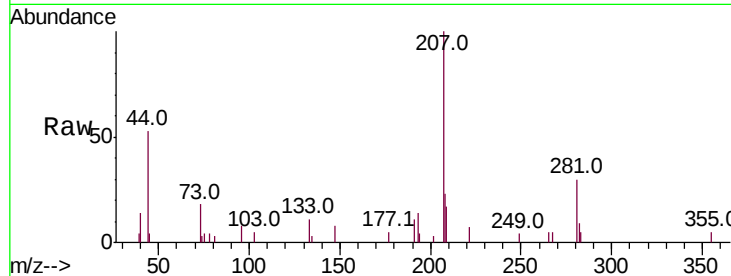
Tot Ion:202 Resp: 121

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

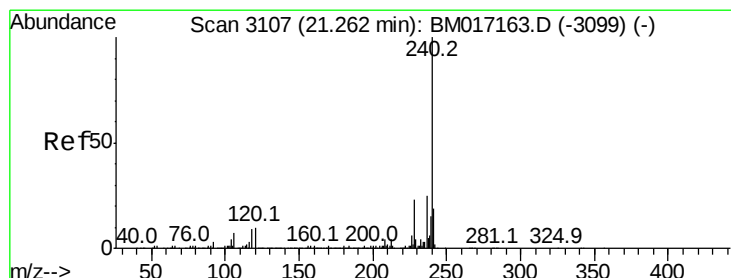
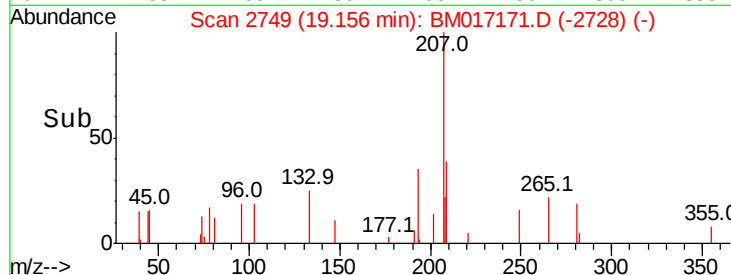
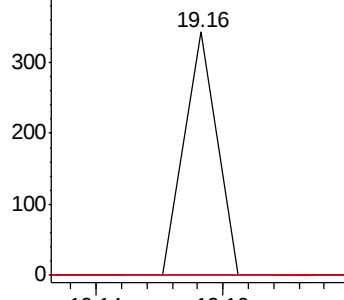
203 0.0 0.0 37.2



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: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

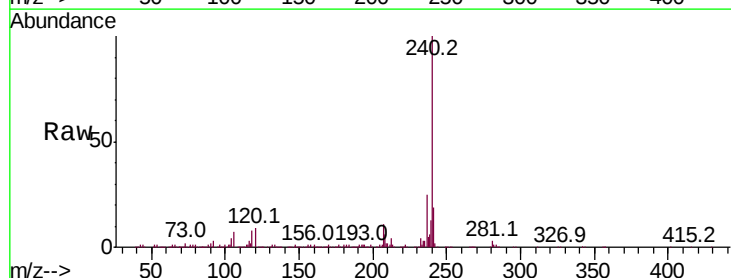
Tgt Ion:240 Resp: 1010537

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

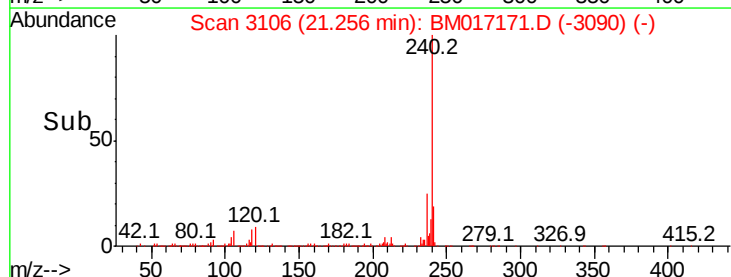
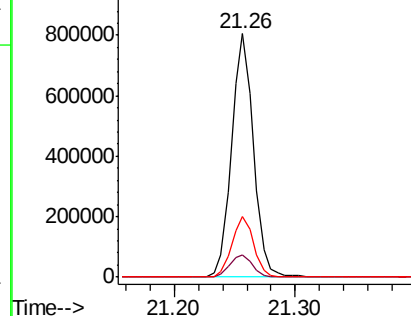
236 24.8 19.9 29.9

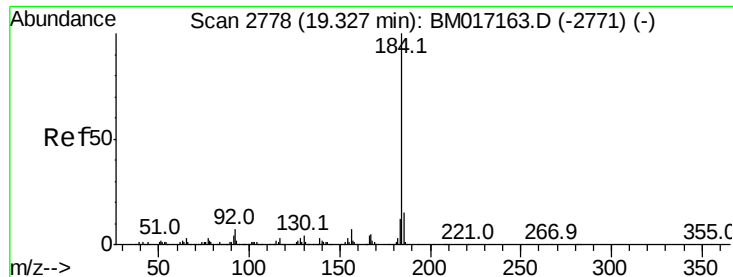


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.004 ng

RT: 19.37 min Scan# 2785

Delta R.T. 0.04 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

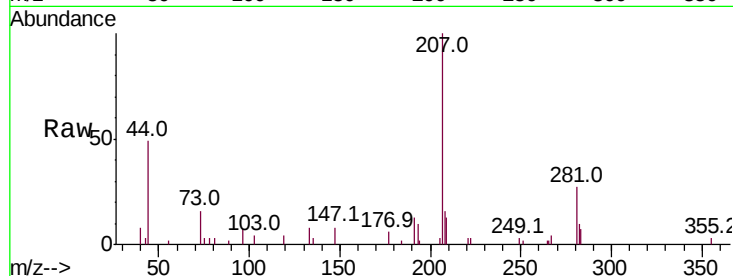
Tot Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.8#

183 0.0 9.7 14.5#

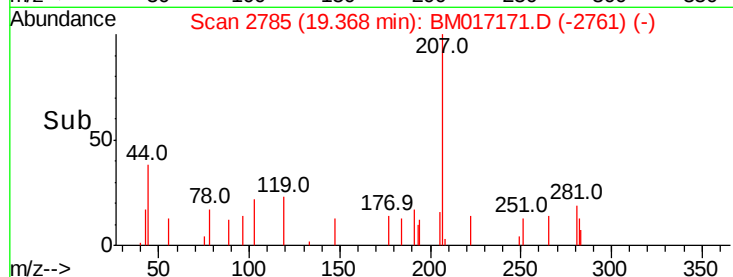
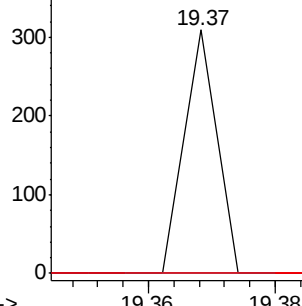


Abundance

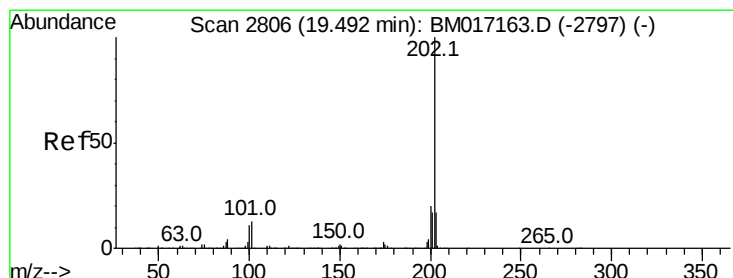
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 0.002 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

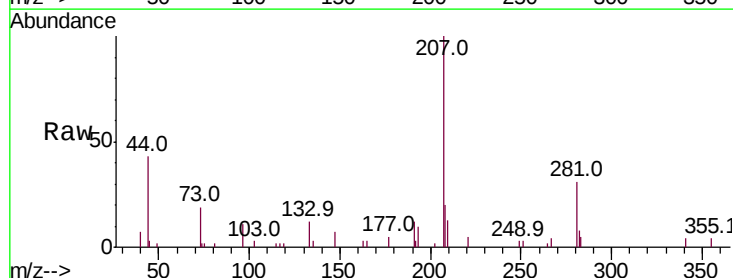
Tgt Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

200 0.0 16.3 24.5#

203 0.0 13.9 20.9#

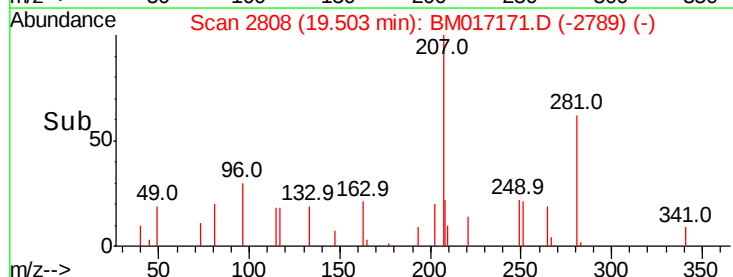
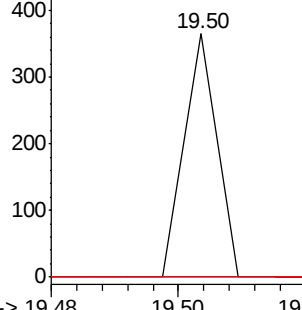


Abundance

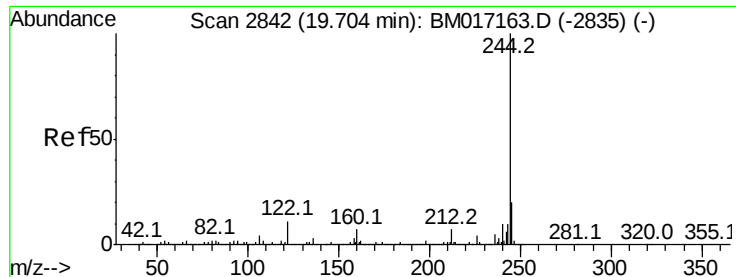
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

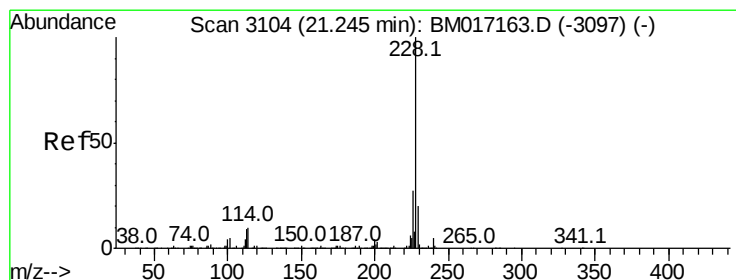
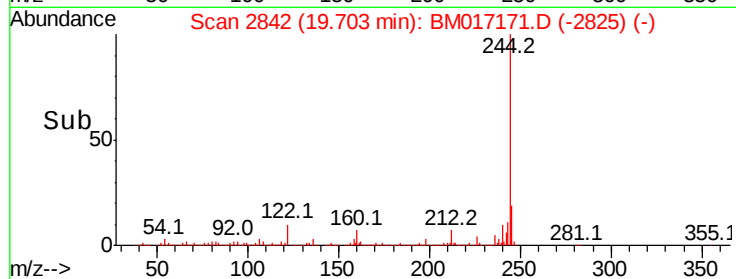
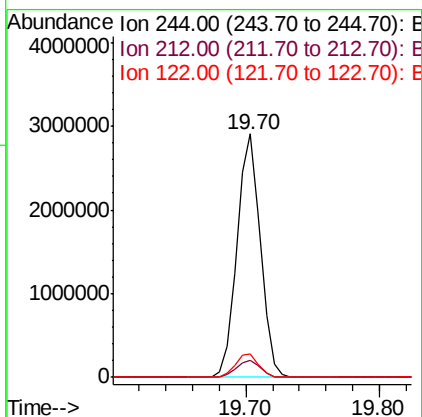
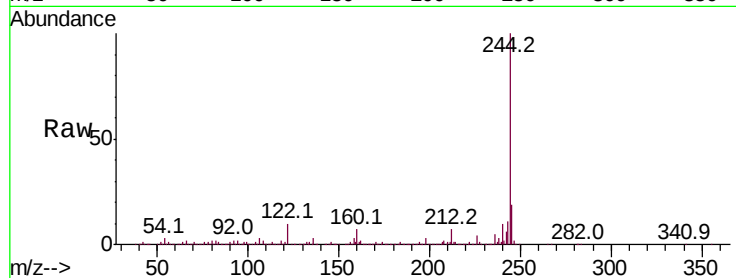


#79
 Terphenyl-d14
 Concen: 78.730 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Instrument :
 BNA_M
 ClientSampleId :
 PB113698BL

Tot Ion:244 Resp: 3529695

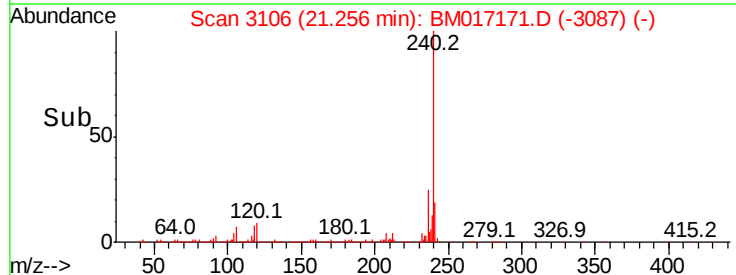
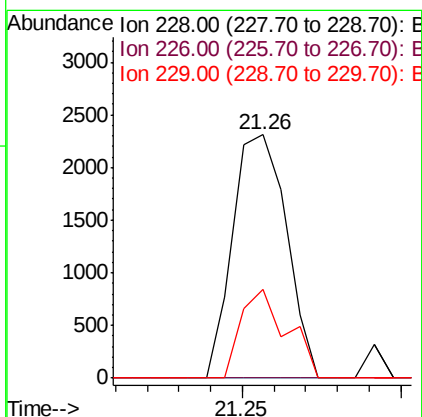
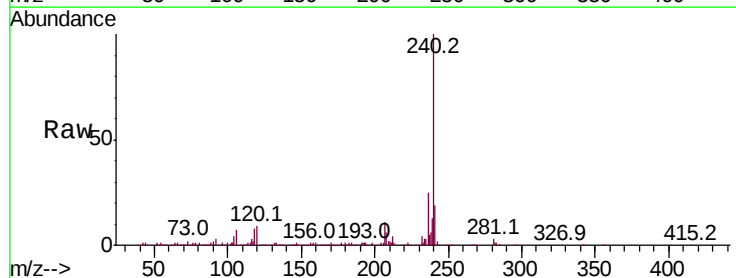
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.7	8.4	12.6

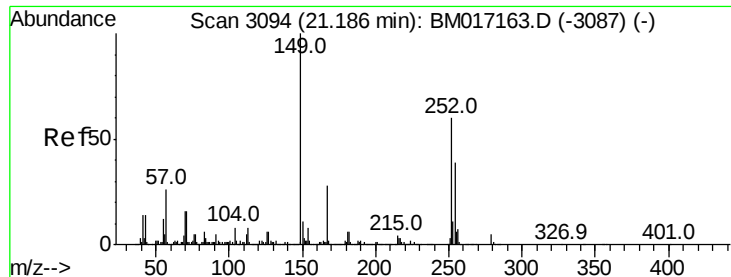


#81
 Benzo(a)anthracene
 Concen: 0.048 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. 0.01 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Tgt Ion:228 Resp: 2714

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.4	32.0#
229	36.6	15.9	23.9#

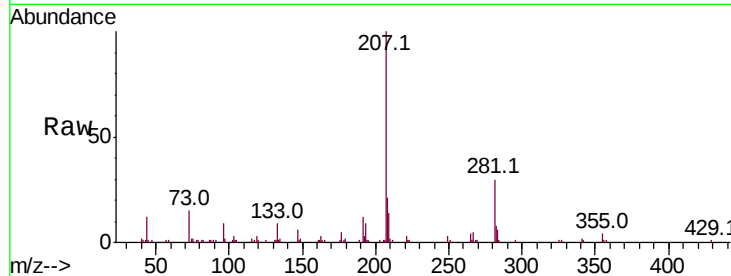




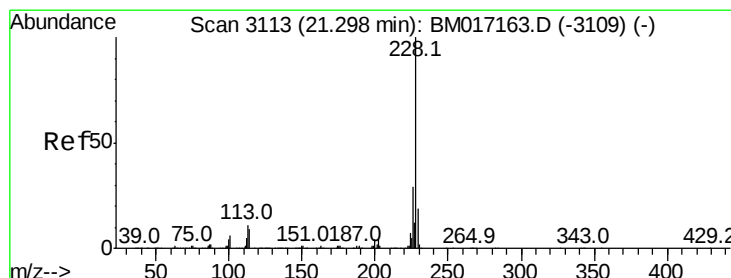
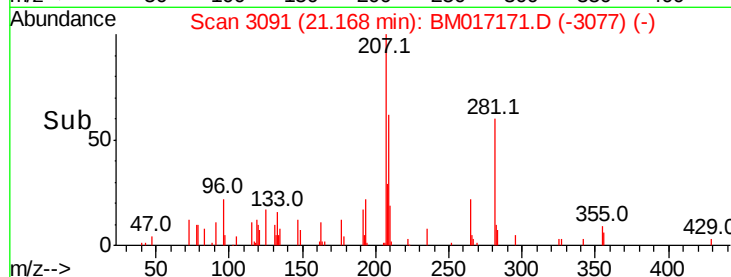
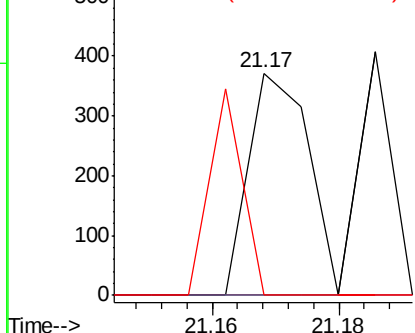
#82
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Instrument :
 BNA_M
 ClientSampleId :
 PB113698BL

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	8.6	12.8#

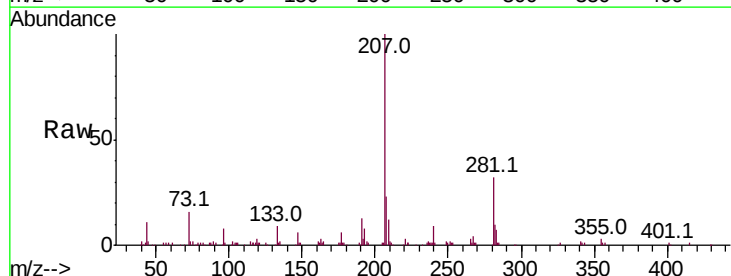


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

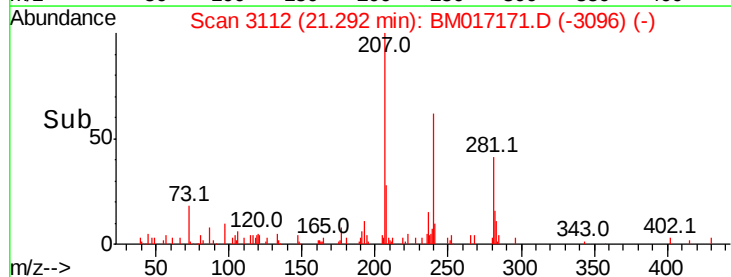
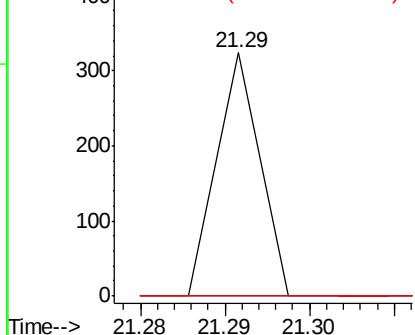


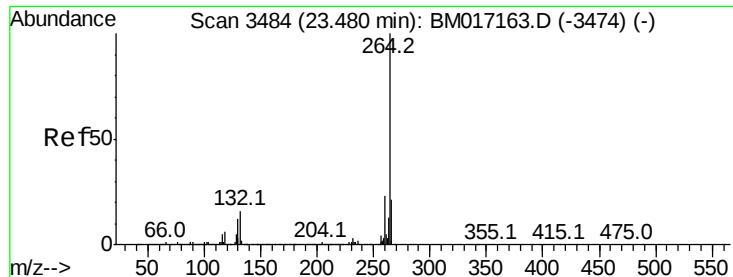
#83
 Chrysene
 Concen: 0.002 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017171.D
 Acq: 17 Oct 2018 17:35

Tgt 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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

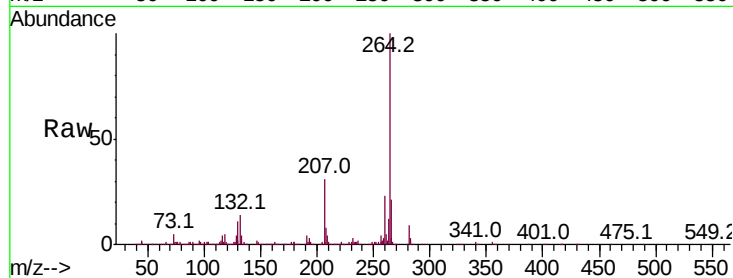
Tot Ion:264 Resp: 1033058

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

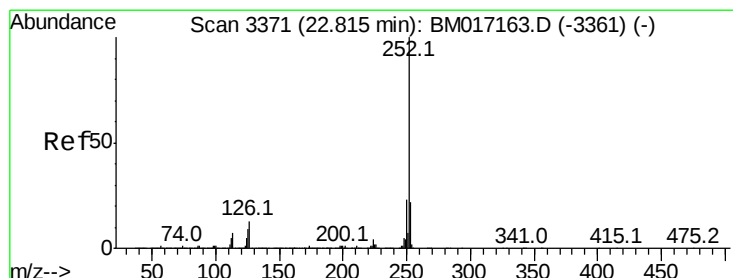
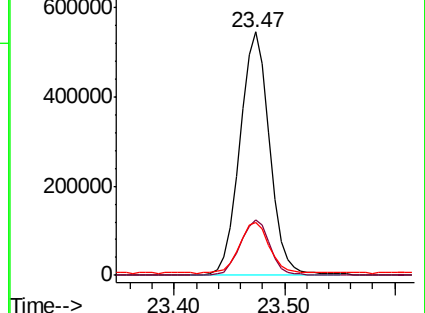
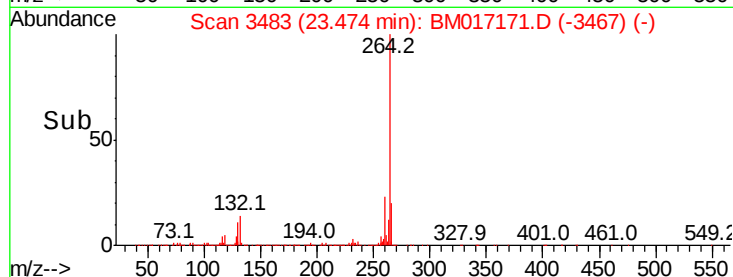
265 21.5 17.8 26.8



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: 0.016 ng

RT: 22.83 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

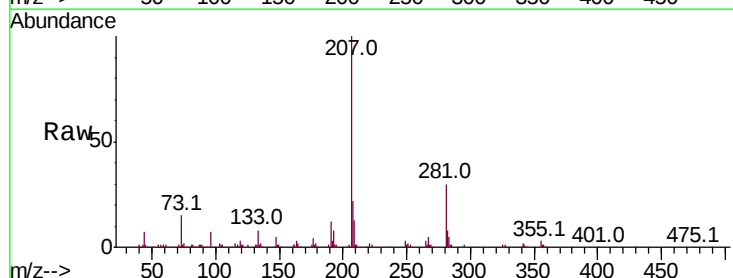
Tgt Ion:252 Resp: 913

Ion Ratio Lower Upper

252 100

253 87.5 17.4 26.2#

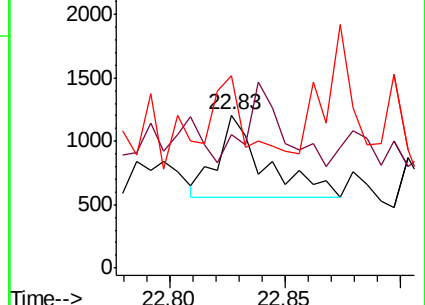
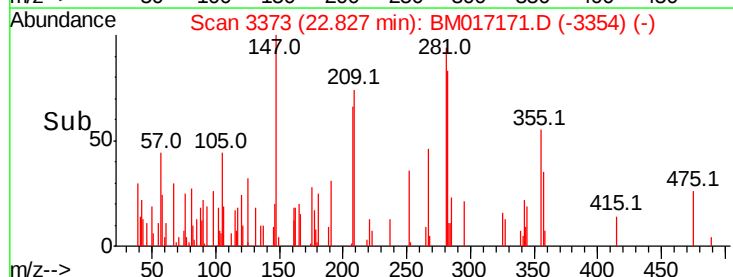
125 126.3 7.5 11.3#

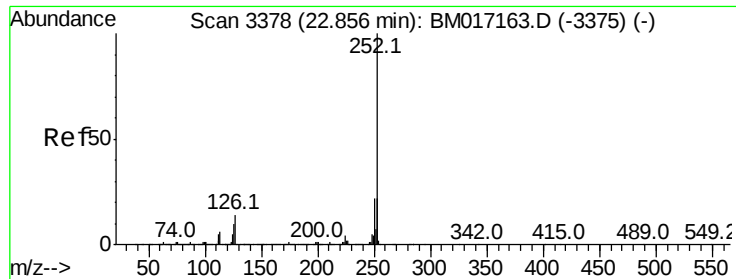


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.016 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.03 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Instrument :

BNA_M

ClientSampleId :

PB113698BL

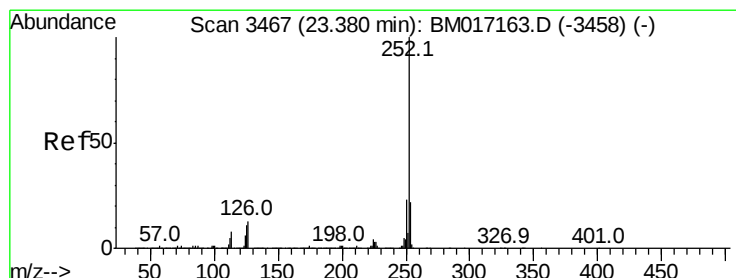
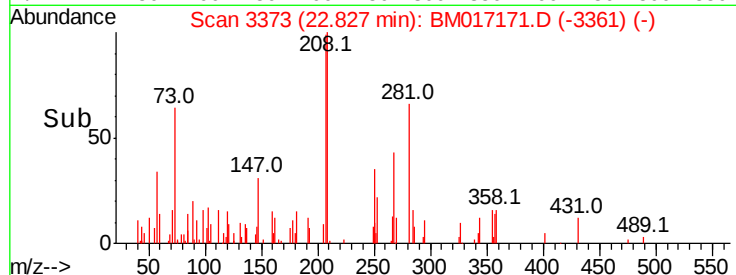
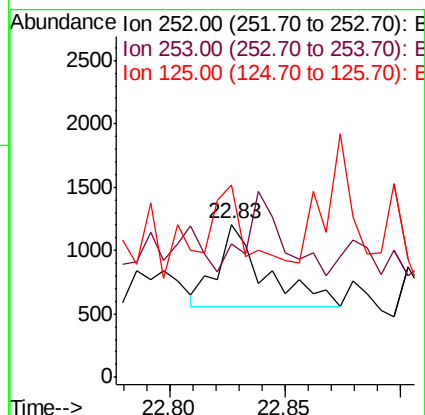
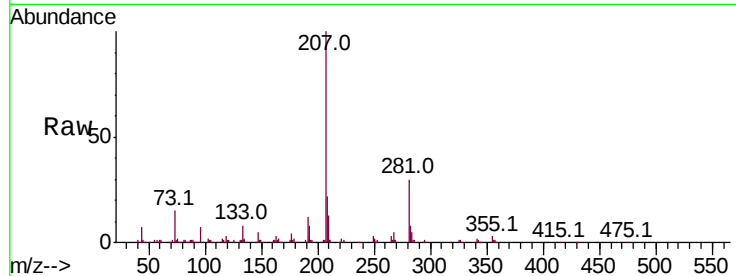
Tot Ion:252 Resp: 913

Ion Ratio Lower Upper

252 100

253 87.5 17.5 26.3#

125 126.3 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 0.010 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017171.D

Acq: 17 Oct 2018 17:35

Tgt Ion:252 Resp: 533

Ion Ratio Lower Upper

252 100

253 110.4 17.4 26.0#

125 127.9 8.6 13.0#

