

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017235.D
 Acq On : 19 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : PB113993BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:52:33 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	320428	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1240870	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	724393	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1598309	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1317717	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1056700	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2327382	122.85	ng	0.00
7) Phenol-d6	6.85	99	3063877	118.74	ng	0.00
23) Nitrobenzene-d5	8.82	82	1837417	86.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1192719	121.75	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4421446	81.21	ng	-0.01
79) Terphenyl-d14	19.70	244	5625507	96.23	ng	0.00

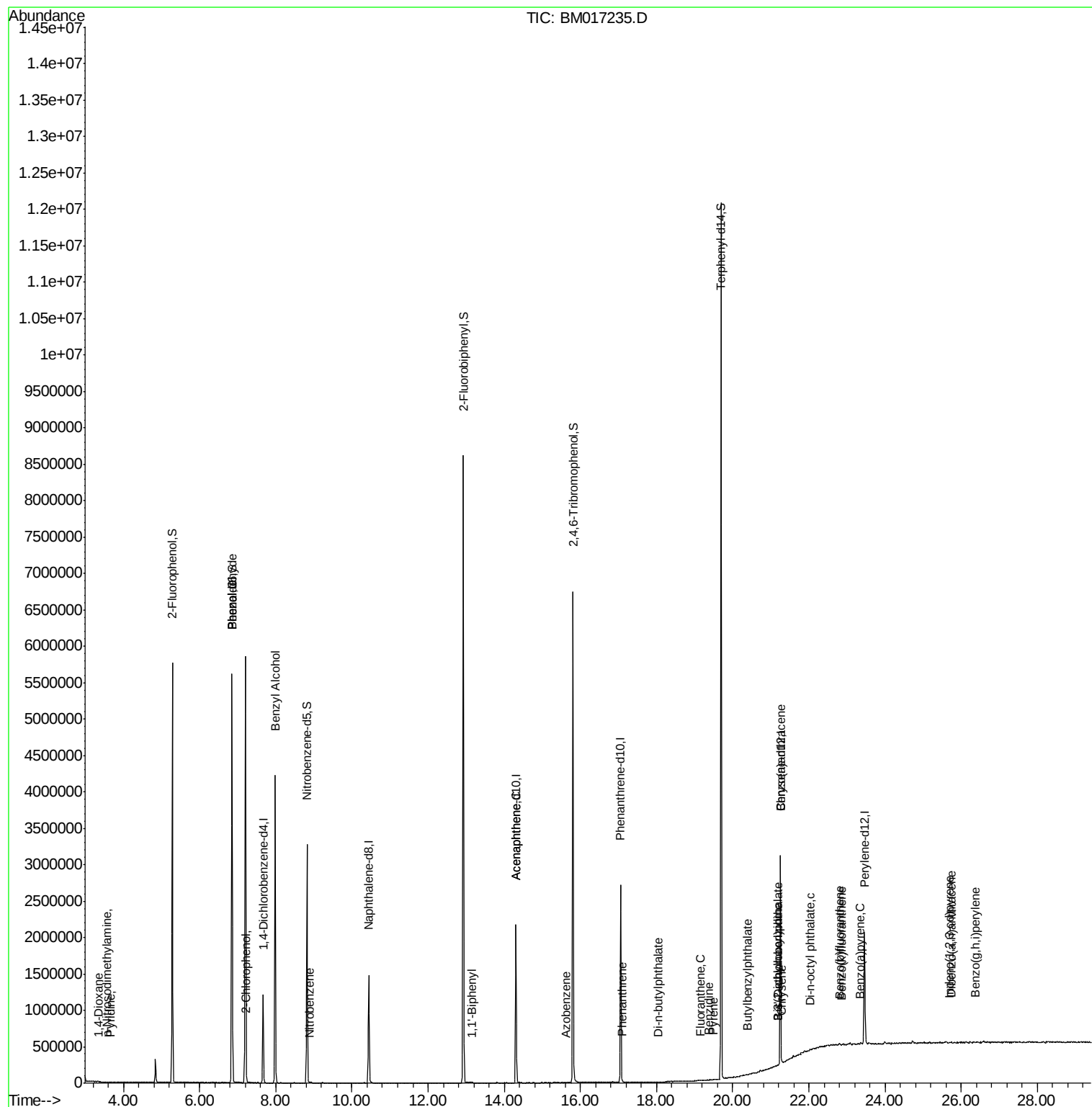
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	107	0.011	ng	# 1
3) Pyridine	3.67	79	233	0.010	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	748	0.084	ng	# 1
8) 2-Chlorophenol	7.23	128	580	0.026	ng	# 1
9) Benzaldehyde	6.85	77	5746	0.349	ng	# 1
10) Phenol	6.86	94	325	0.012	ng	# 1
15) Benzyl Alcohol	7.98	79	29469	1.562	ng	# 47
24) Nitrobenzene	8.89	77	266	0.012	ng	# 36
46) 1,1'-Biphenyl	13.14	154	5285	0.081	ng	# 98
52) Acenaphthene	14.31	154	2644	0.061	ng	# 4
63) Azobenzene	15.62	77	142	0.003	ng	# 48
71) Phenanthrene	17.10	178	306	0.004	ng	# 60
74) Di-n-butylphthalate	18.05	149	292	0.003	ng	# 78
75) Fluoranthene	19.14	202	626	0.006	ng	# 65
77) Benzidine	19.37	184	782	0.023	ng	# 66
78) Pyrene	19.49	202	598	0.008	ng	# 58
80) Butylbenzylphthalate	20.38	149	423	7.189	ng	# 27
81) Benzo(a)anthracene	21.25	228	4582	0.062	ng	# 70
82) 3,3'-Dichlorobenzidine	21.18	252	404	0.015	ng	# 25
83) Chrysene	21.29	228	1282	0.017	ng	# 71
84) Bis(2-ethylhexyl)phthalate	21.19	149	783	5.324	ng	# 52
85) Di-n-octyl phthalate	22.04	149	386	5.576	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.70	276	136	0.002	ng	# 50
88) Benzo(b)fluoranthene	22.81	252	297	0.005	ng	# 1
89) Benzo(k)fluoranthene	22.86	252	1060	0.018	ng	# 1
90) Benzo(a)pyrene	23.34	252	1077	0.020	ng	# 1
91) Dibenzo(a,h)anthracene	25.74	278	107	0.002	ng	# 1
92) Benzo(g,h,i)perylene	26.38	276	110	0.002	ng	# 54

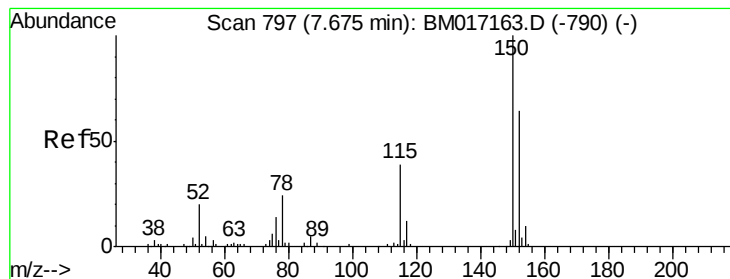
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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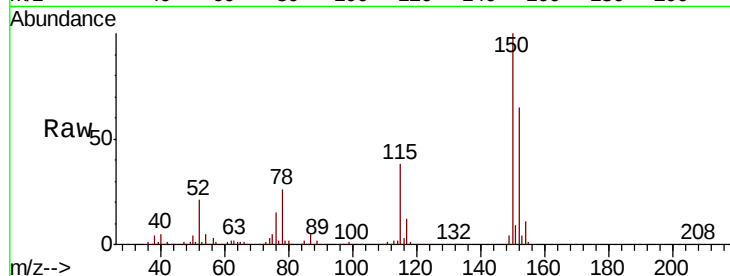


#1

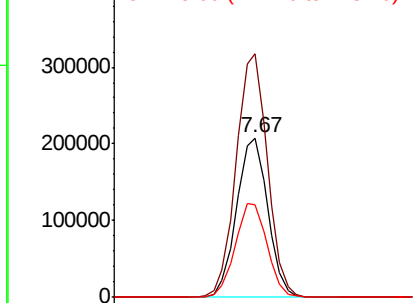
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Instrument :
BNA_M
ClientSampled :

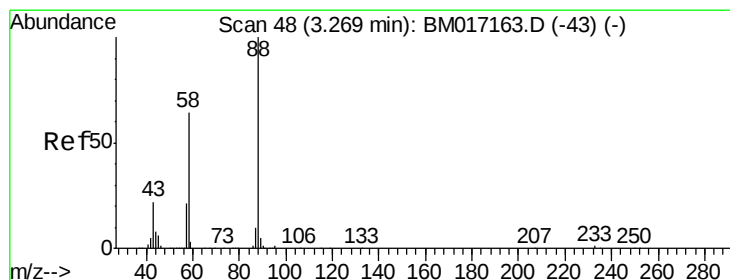
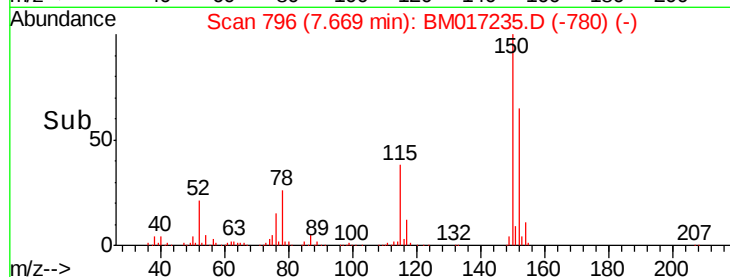
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.3	186.5
115	58.4	48.1	72.1



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



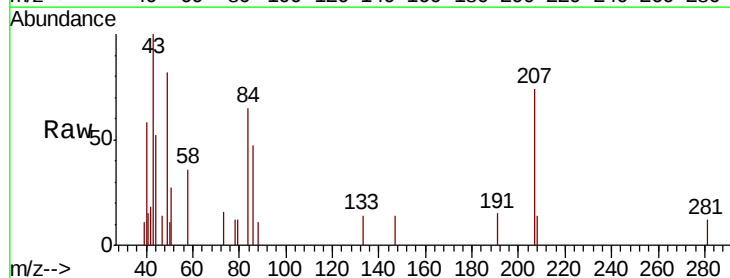
Time-->



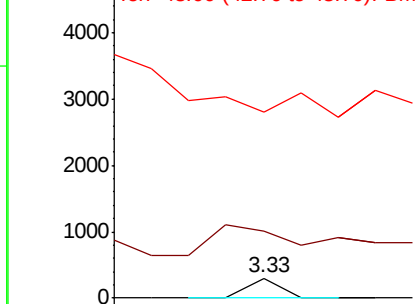
#2

1,4-Dioxane
Concen: 0.011 ng
RT: 3.33 min Scan# 58
Delta R.T. 0.06 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

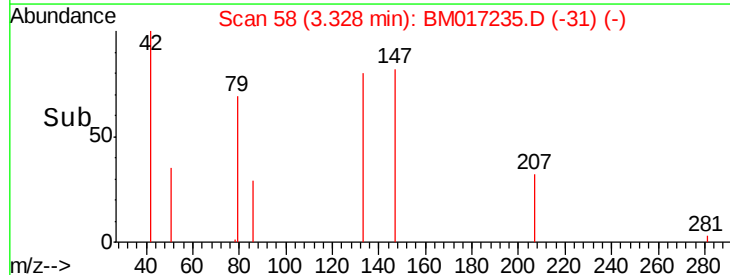
Tgt Ion	Ratio	Lower	Upper
88	100		
58	486.0	50.2	75.4#
43	0.0	19.3	28.9#

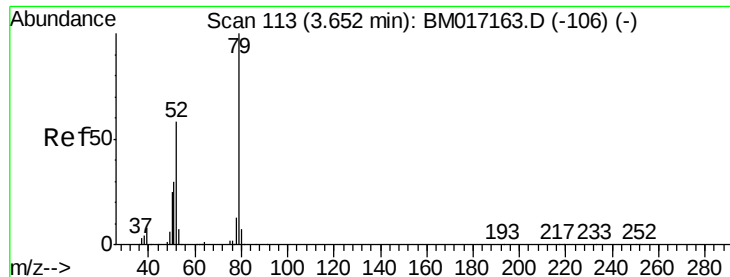


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 0.010 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.02 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampled :

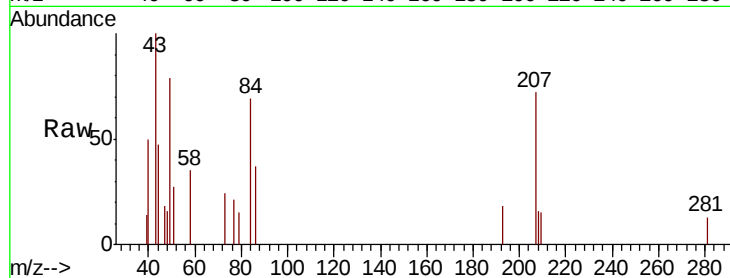
Tot Ion: 79 Resp: 233

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

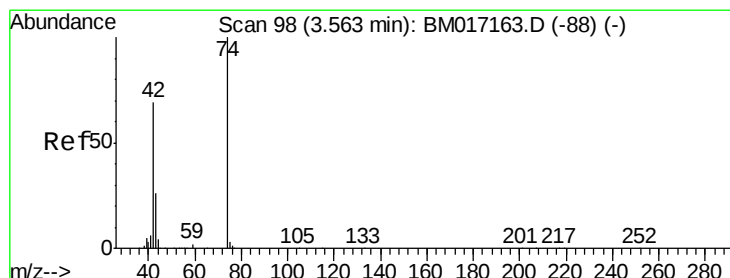
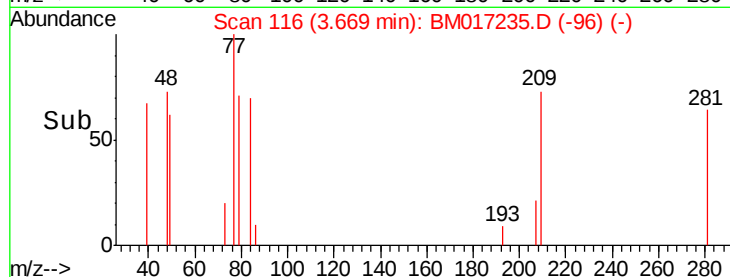
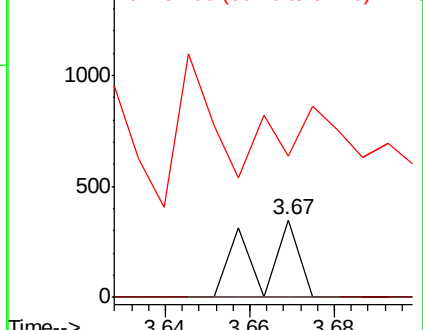
51 183.0 24.6 37.0#



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: 0.084 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

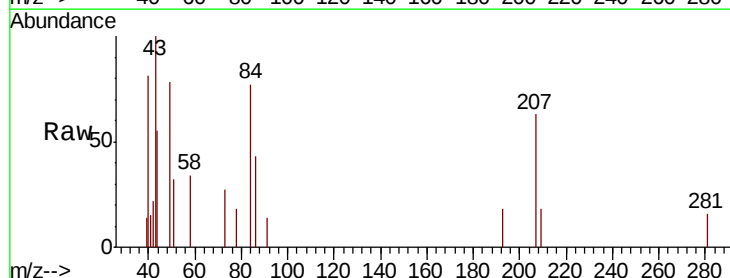
Tgt Ion: 42 Resp: 748

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

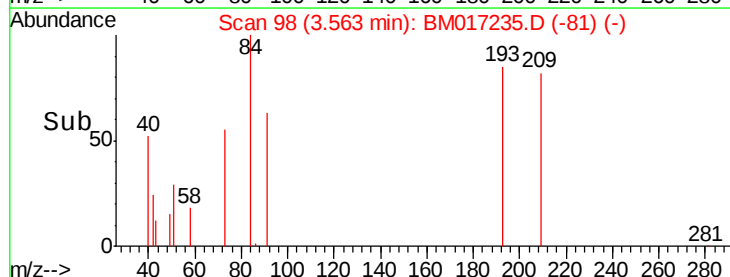
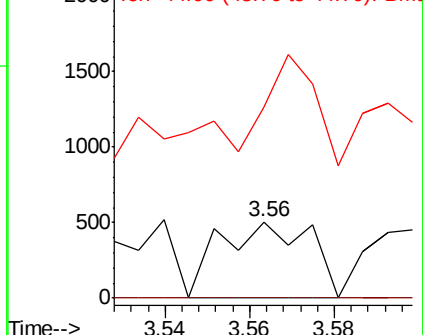
44 249.3 48.6 73.0#

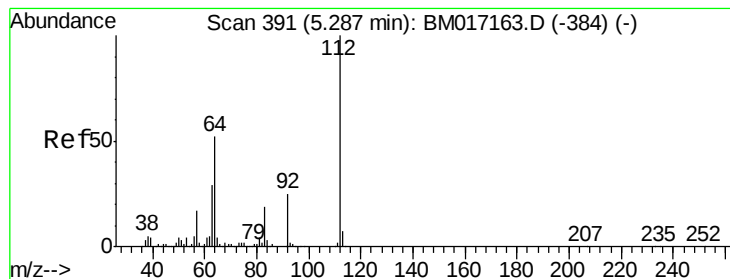


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 122.848 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

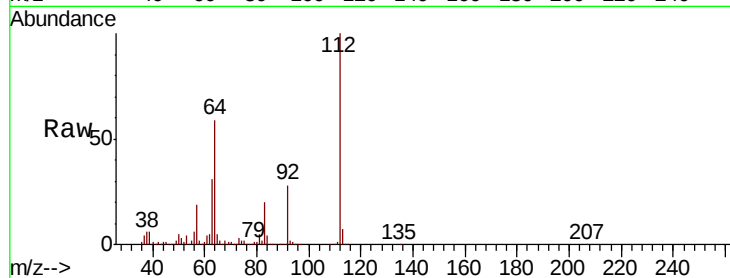
Tot Ion:112 Resp: 2327382

Ion Ratio Lower Upper

112 100

64 59.0 41.7 62.5

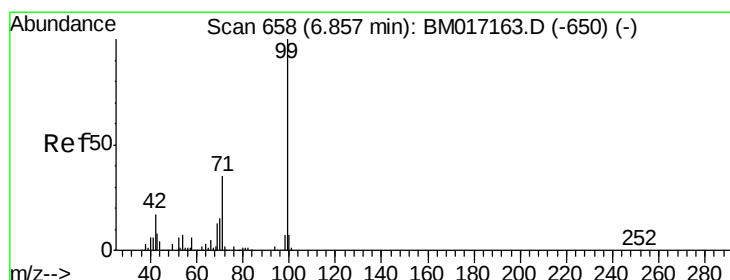
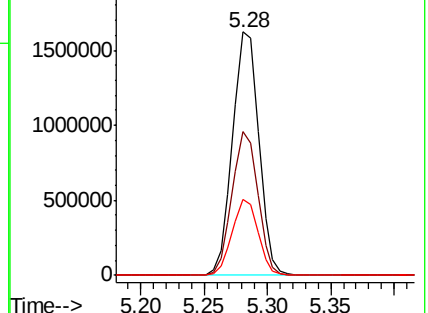
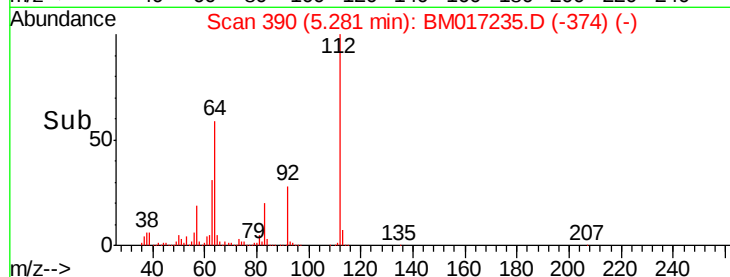
63 31.4 23.0 34.4



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: 118.744 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

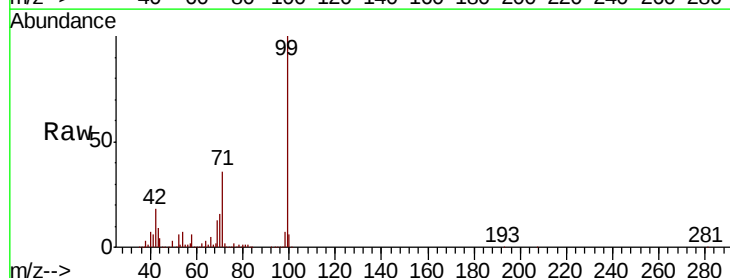
Tgt Ion: 99 Resp: 3063877

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

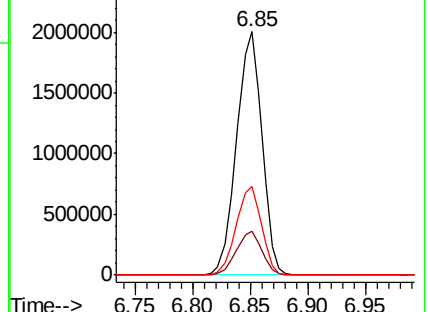
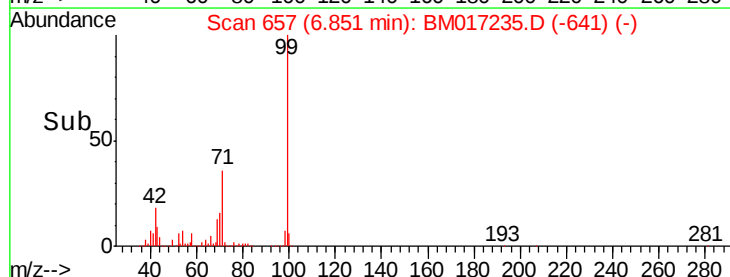
71 36.4 28.0 42.0

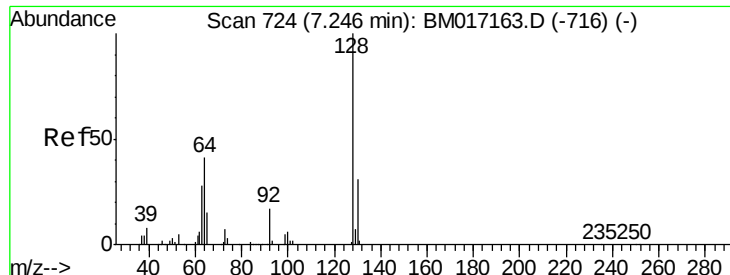


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.026 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampled :

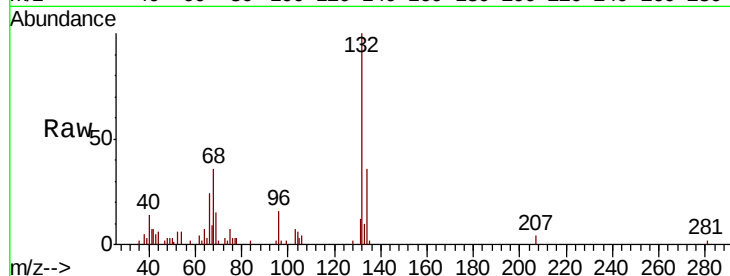
Tot Ion:128 Resp: 580

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

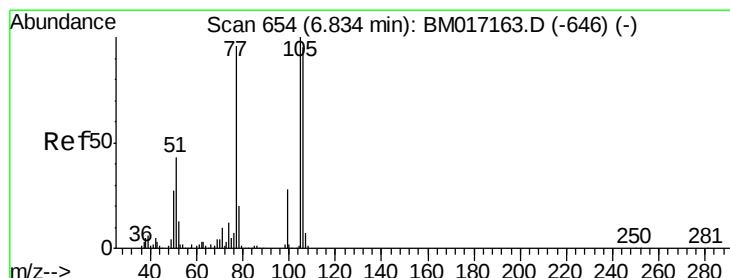
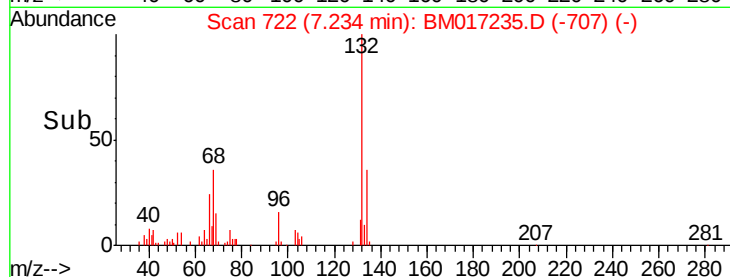
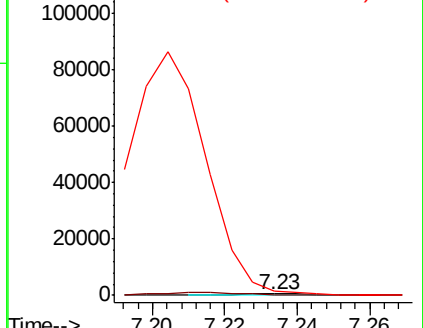
64 322.7 24.1 64.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.349 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

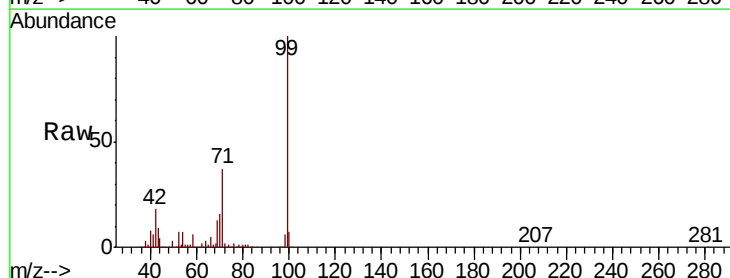
Tgt Ion: 77 Resp: 5746

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

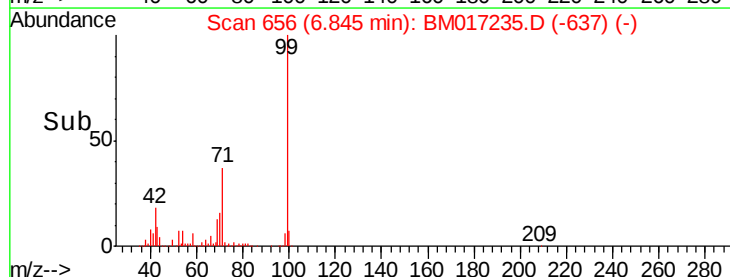
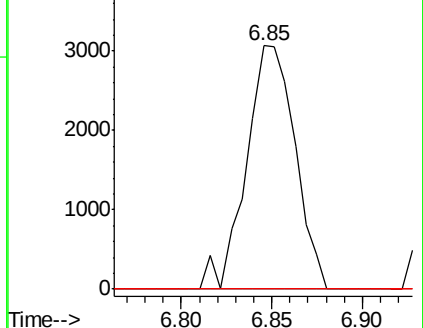
106 0.0 78.2 118.2#

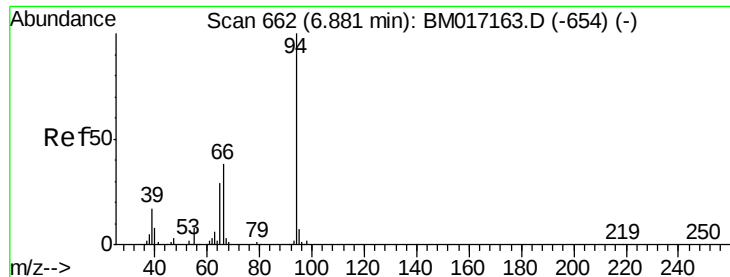


Abundance Ion 77.00 (76.70 to 77.70): BM

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# 658

Delta R.T. -0.02 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

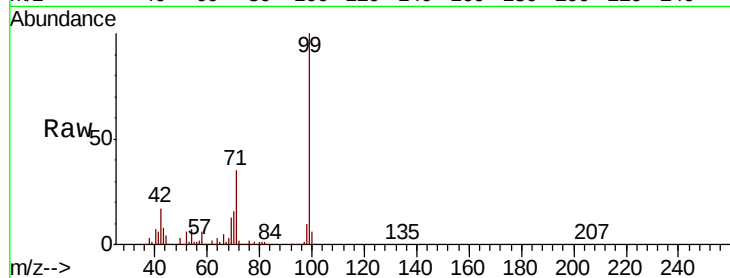
Tot Ion: 94 Resp: 325

Ion Ratio Lower Upper

94 100

65 2856.2 9.4 49.4#

66 14658.8 19.0 59.0#

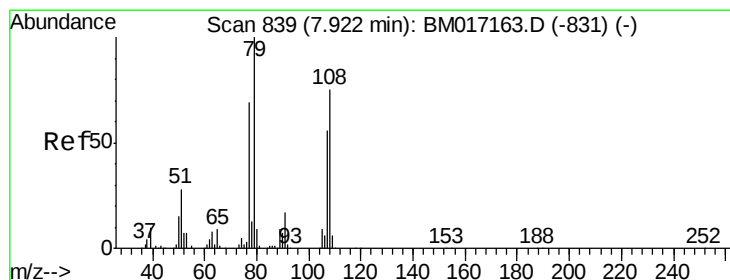
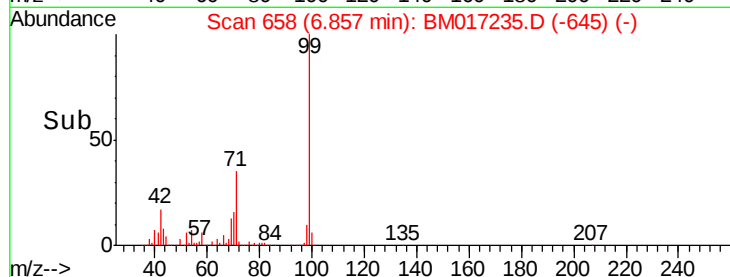
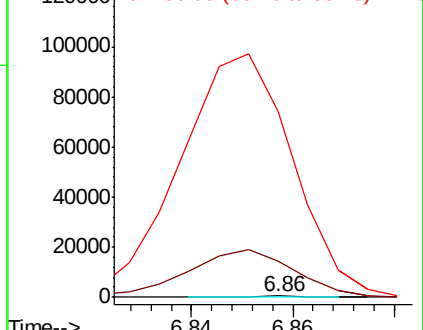


Abundance

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: 1.562 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

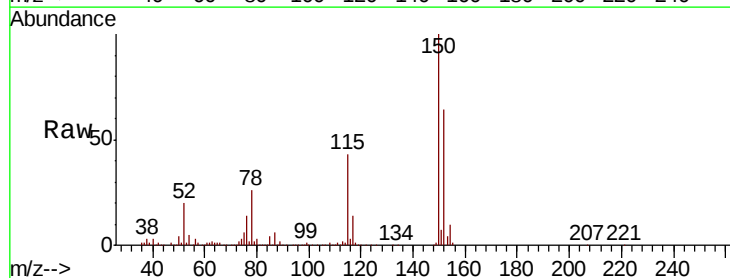
Tgt Ion: 79 Resp: 29469

Ion Ratio Lower Upper

79 100

108 28.2 60.3 90.5#

77 109.1 54.8 82.2#

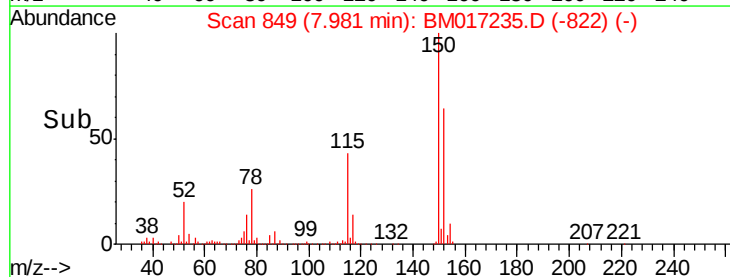
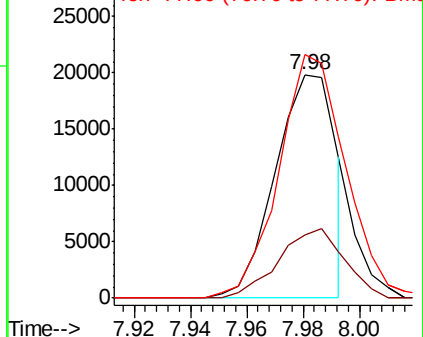


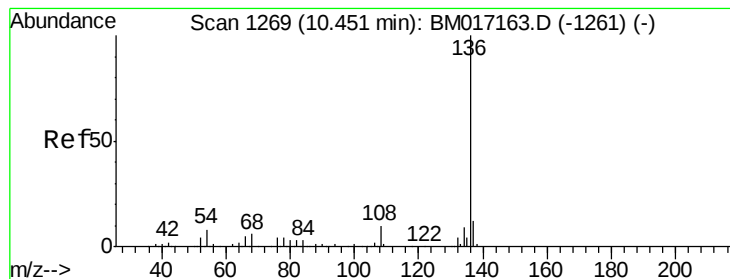
Abundance

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: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1240870

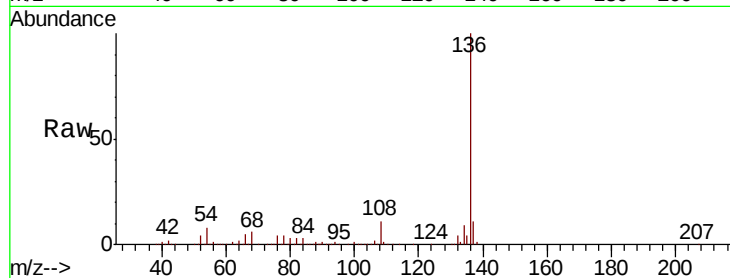
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.2 6.7 10.1

68 5.6 4.7 7.1

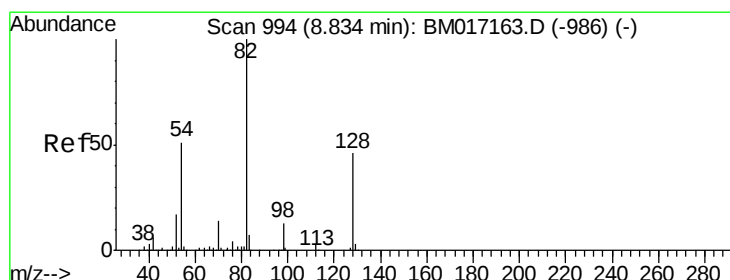
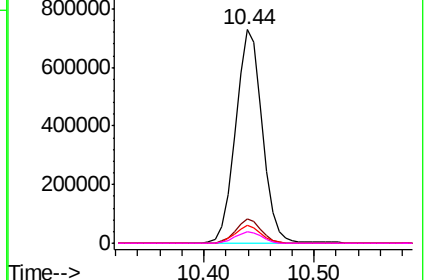
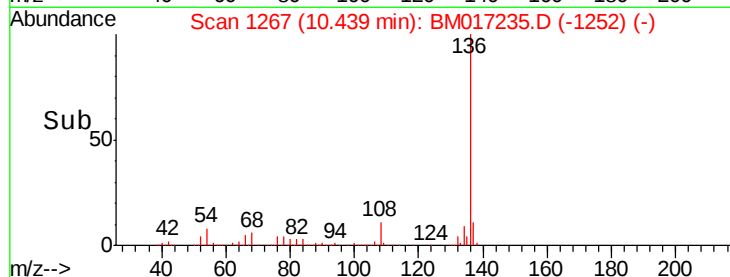


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.603 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

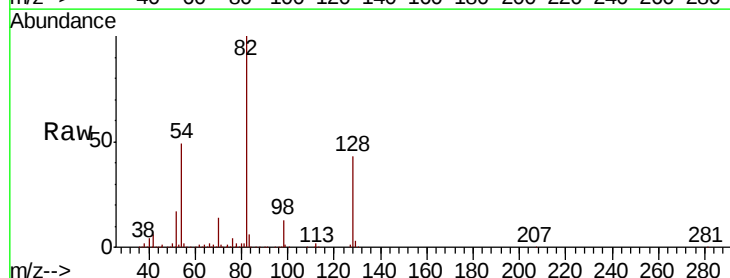
Tgt Ion: 82 Resp: 1837417

Ion Ratio Lower Upper

82 100

128 43.1 37.0 55.6

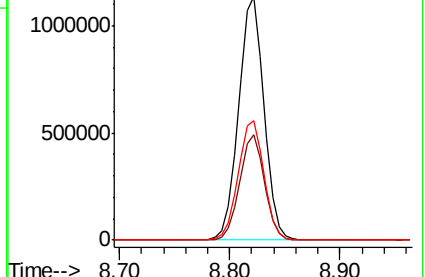
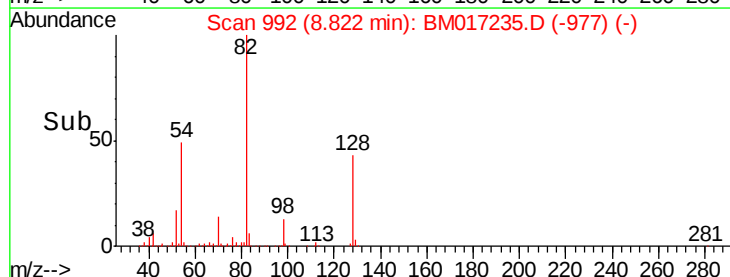
54 49.1 40.7 61.1

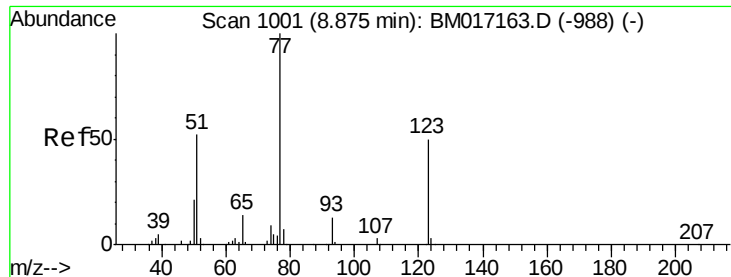


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

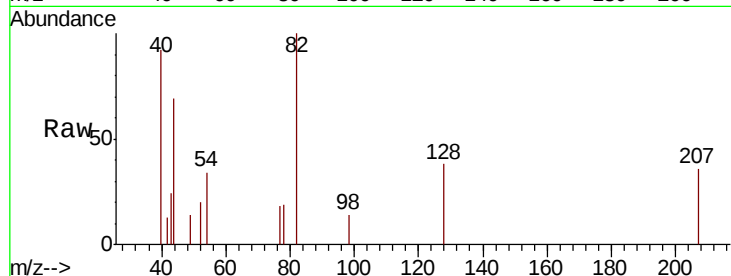




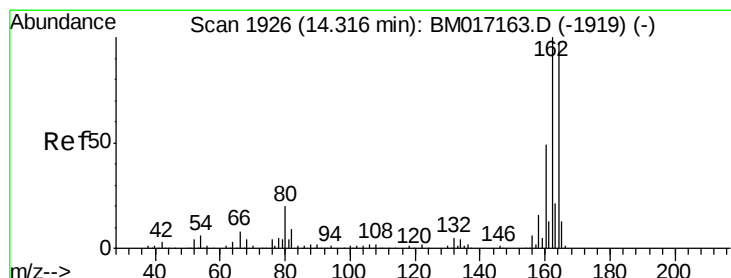
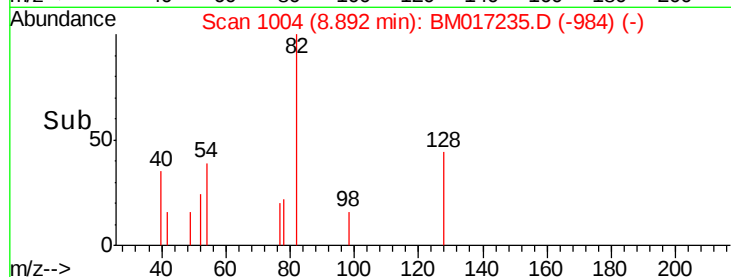
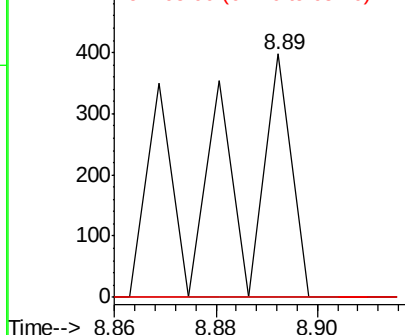
#24
Nitrobenzene
Concen: 0.012 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 266
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.4#
65 0.0 11.4 17.0#

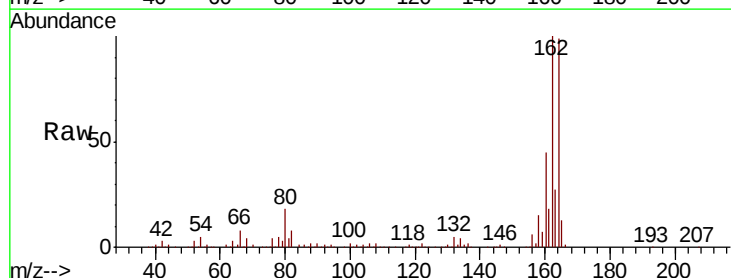


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

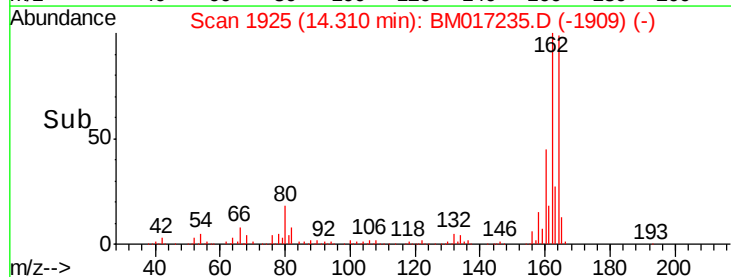
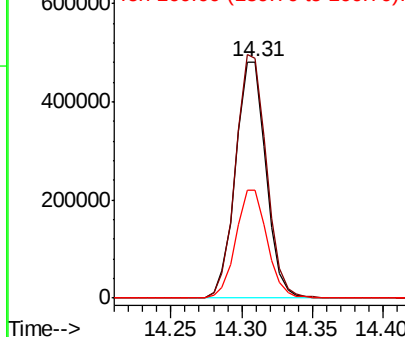


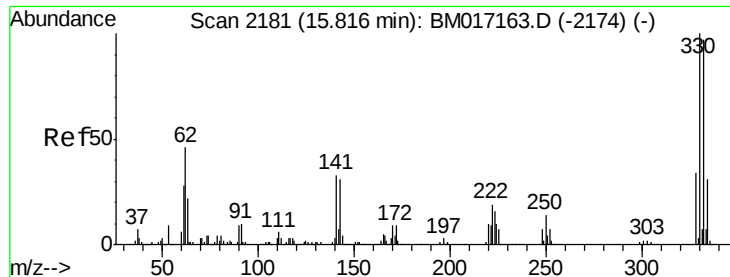
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Tgt Ion:164 Resp: 724393
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 45.8 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) (-)

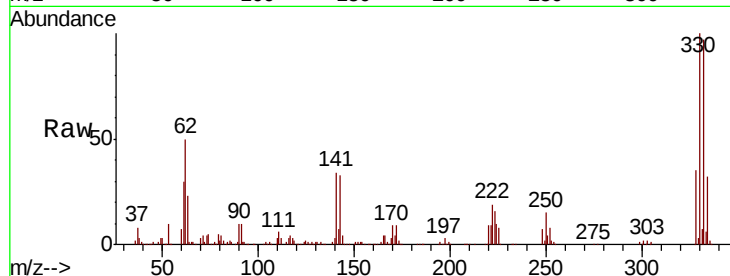




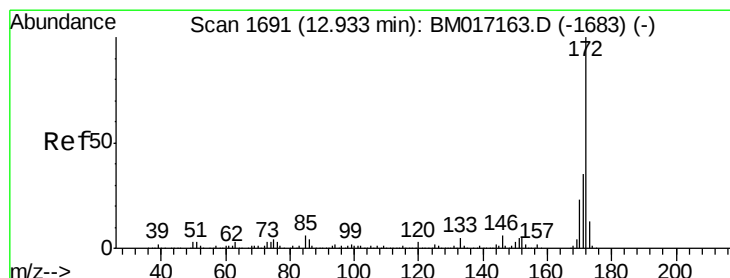
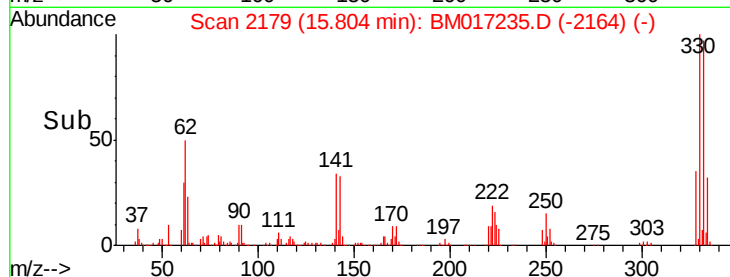
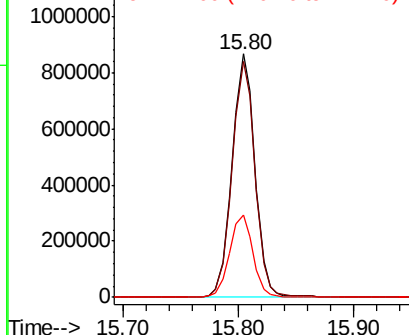
#42
 2,4,6-Tribromophenol
 Concen: 121.751 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1192719
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 34.4 27.4 41.0

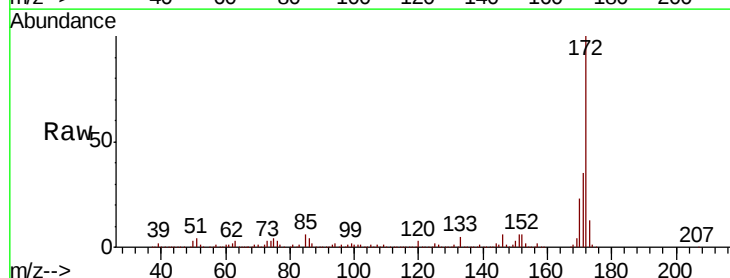


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

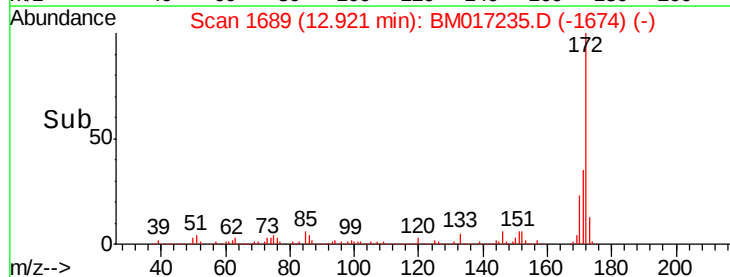
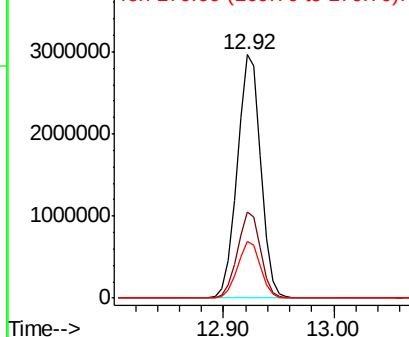


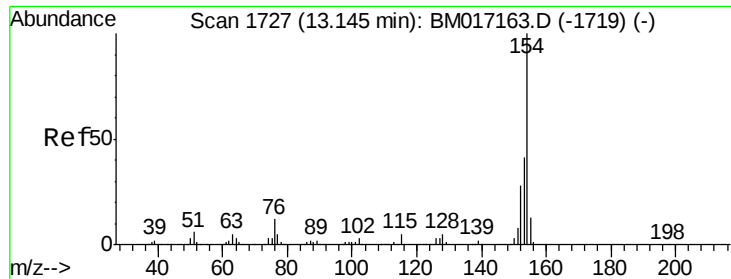
#45
 2-Fluorobiphenyl
 Concen: 81.212 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion:172 Resp: 4421446
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.1 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

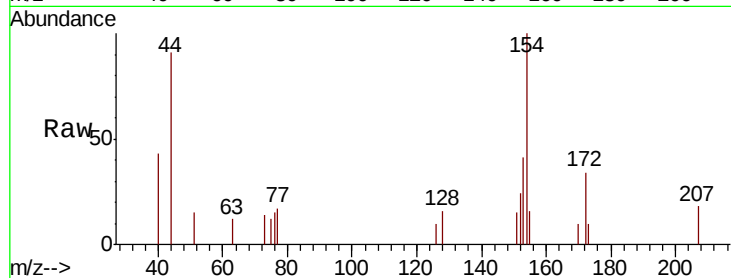




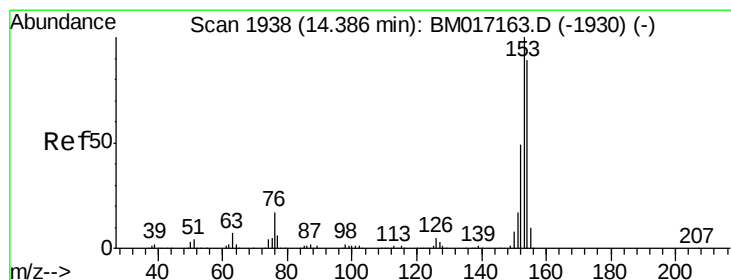
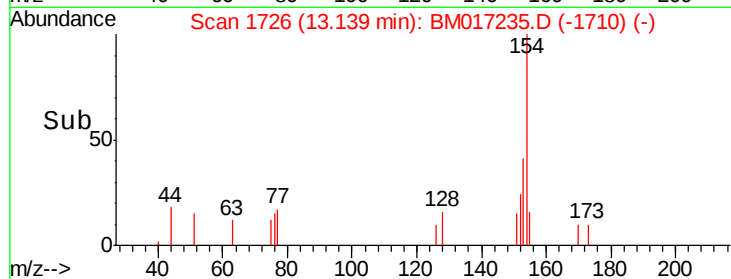
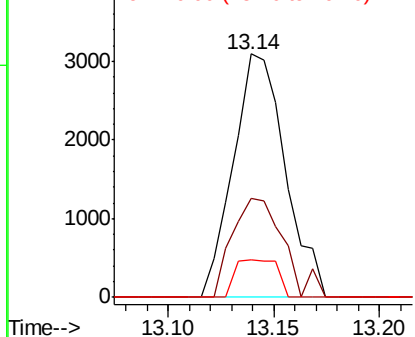
#46
 1,1'-Biphenyl
 Concen: 0.081 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	15.2	0.0	31.8

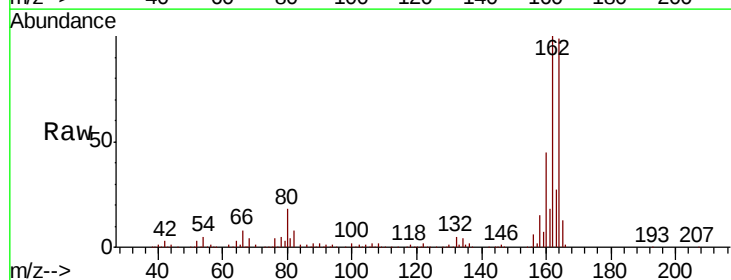


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

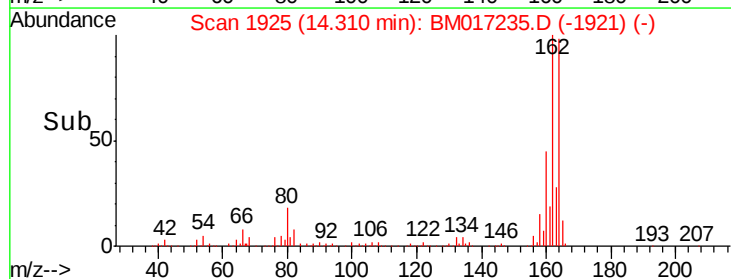
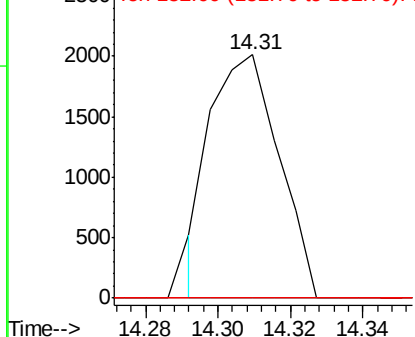


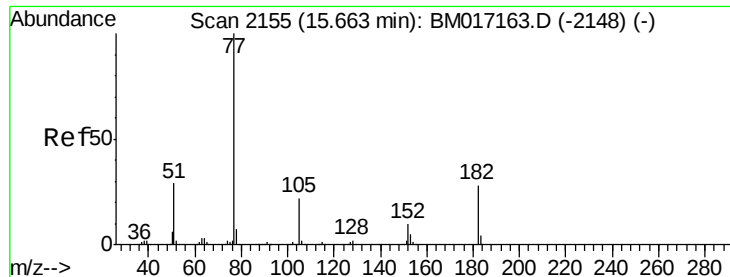
#52
 Acenaphthene
 Concen: 0.061 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.08 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

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

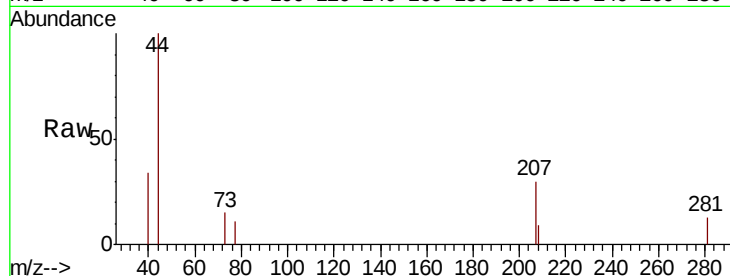




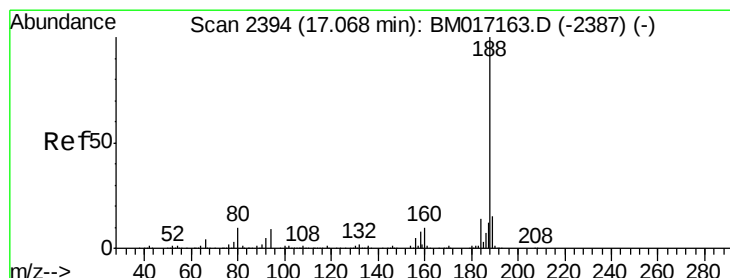
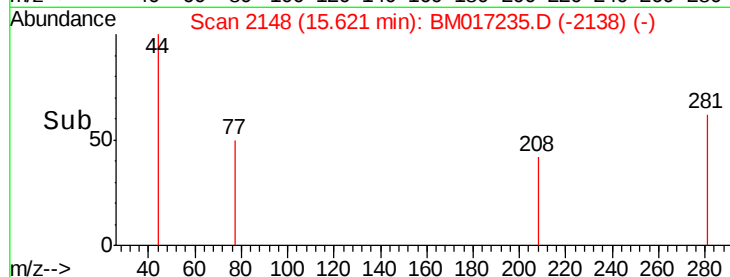
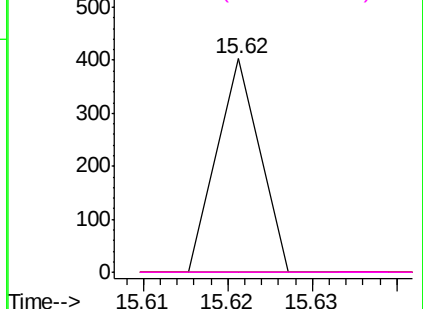
#63
Azobenzene
Concen: 0.003 ng
RT: 15.62 min Scan# 2148
Delta R.T. -0.04 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 142
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#

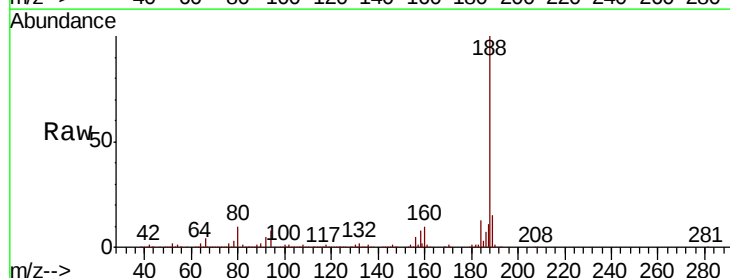


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

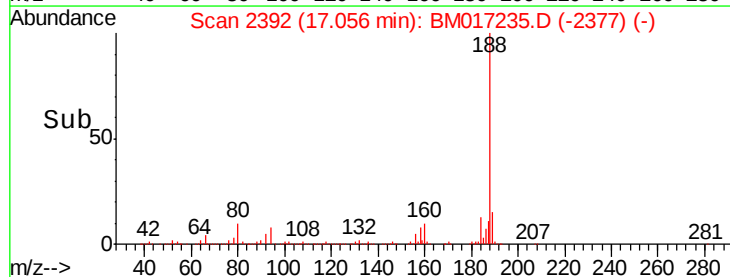
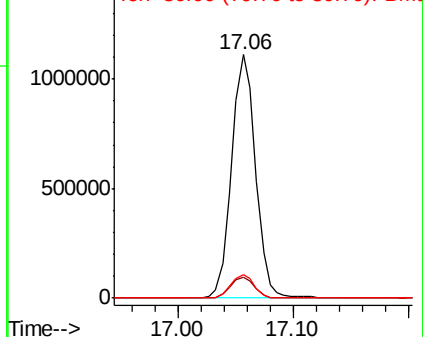


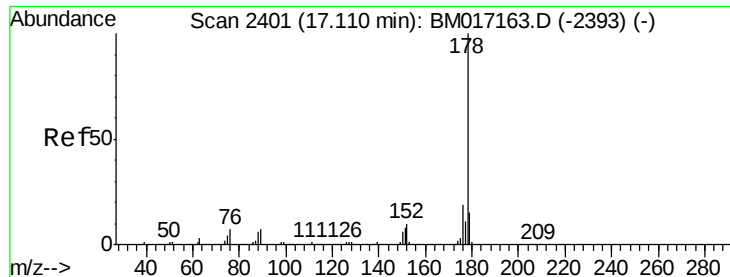
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Tgt Ion:188 Resp: 1598309
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

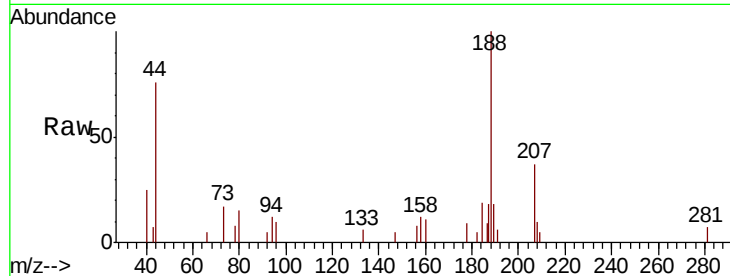




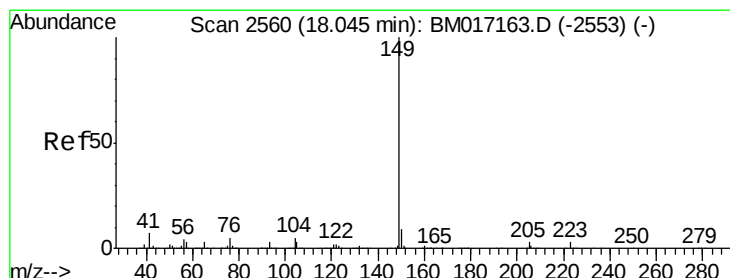
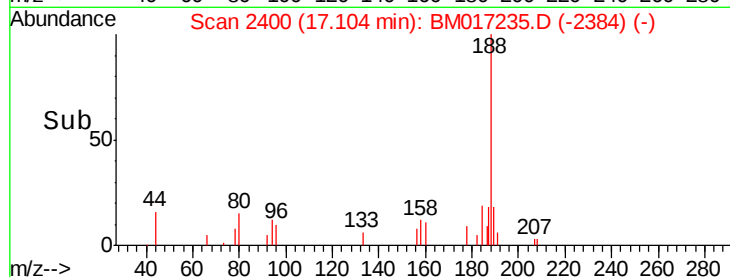
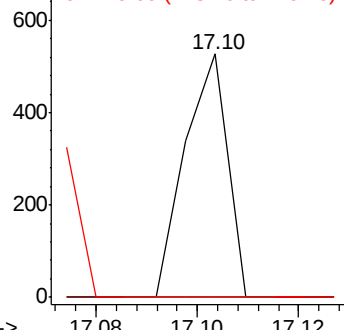
#71
Phenanthrene
Concen: 0.004 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 306
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.6#
179 0.0 12.3 18.5#

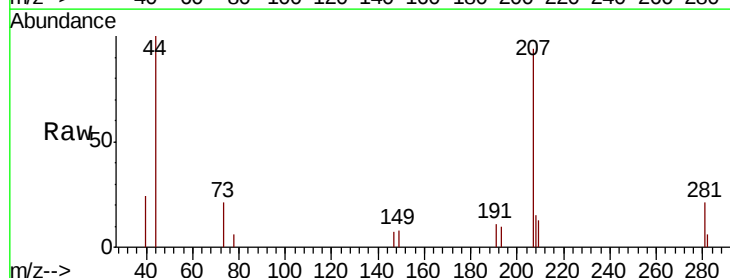


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

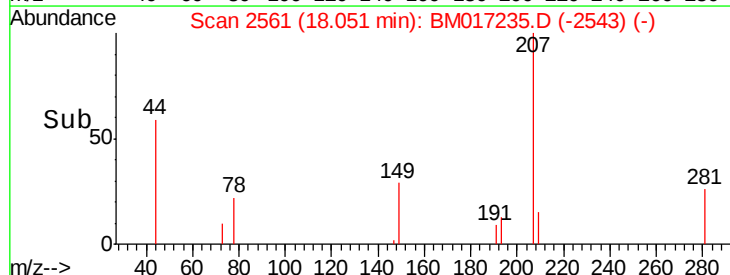
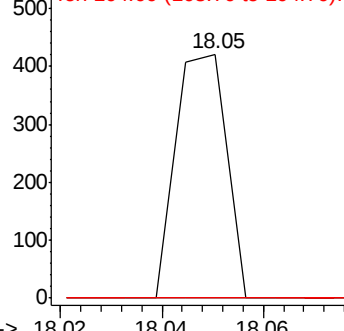


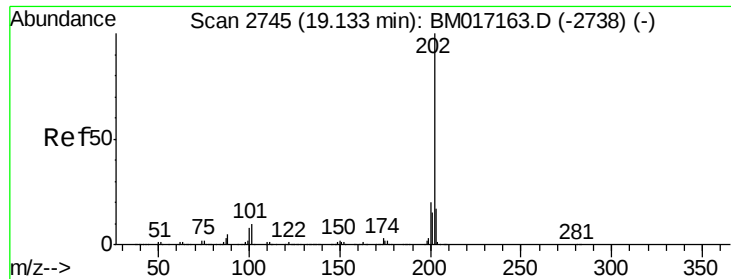
#74
Di-n-butylphthalate
Concen: 0.003 ng
RT: 18.05 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Tgt Ion:149 Resp: 292
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: 0.006 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

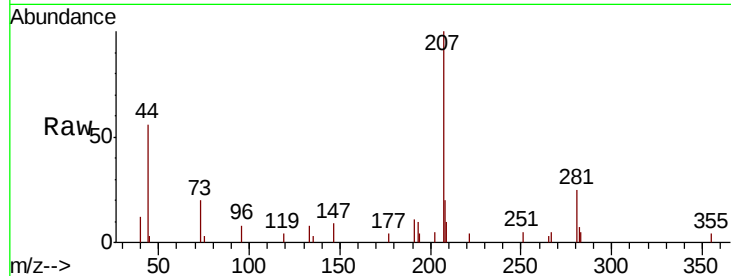
Tot Ion:202 Resp: 626

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

203 0.0 0.0 37.2

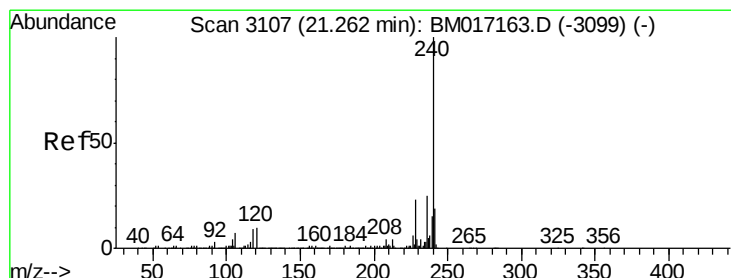
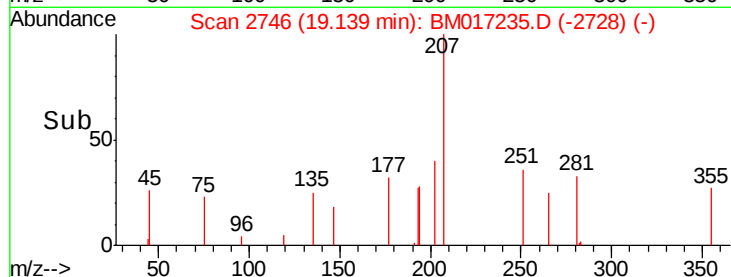
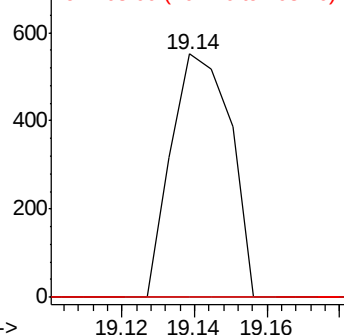


Abundance

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: BM017235.D

Acq: 19 Oct 2018 18:16

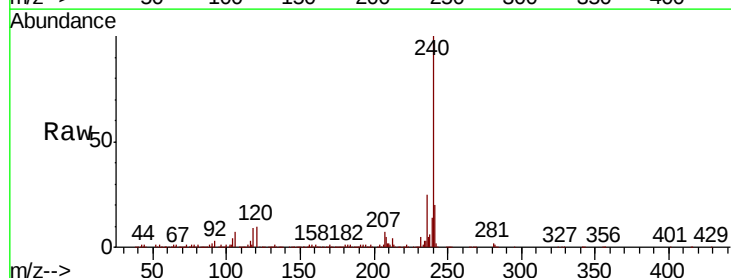
Tgt Ion:240 Resp: 1317717

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

236 25.2 19.9 29.9

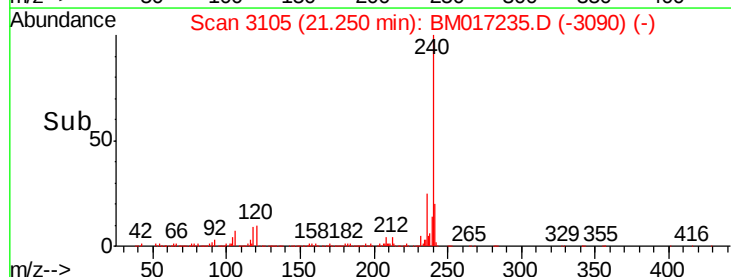
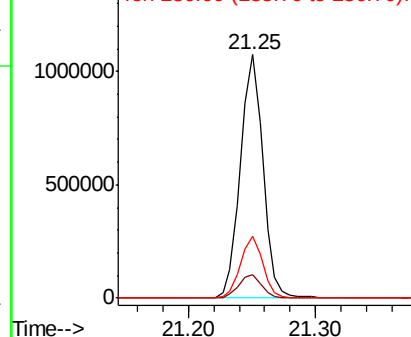


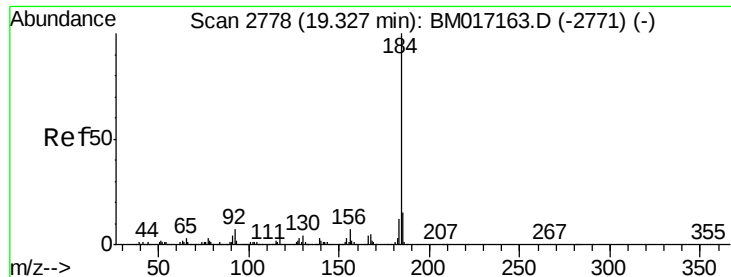
Abundance

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: 0.023 ng

RT: 19.37 min Scan# 2785

Delta R.T. 0.04 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

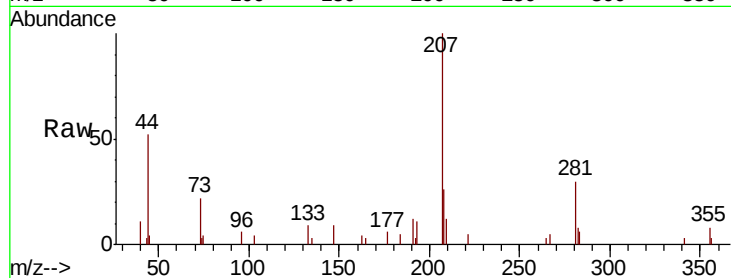
Tot Ion:184 Resp: 782

Ion Ratio Lower Upper

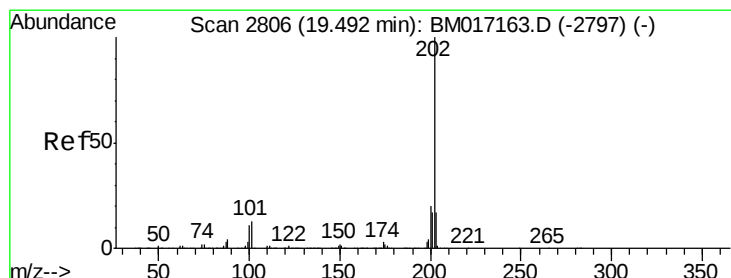
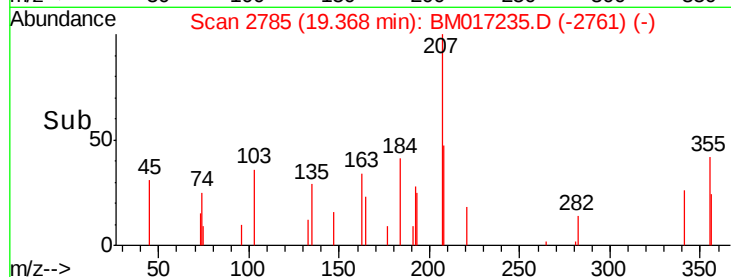
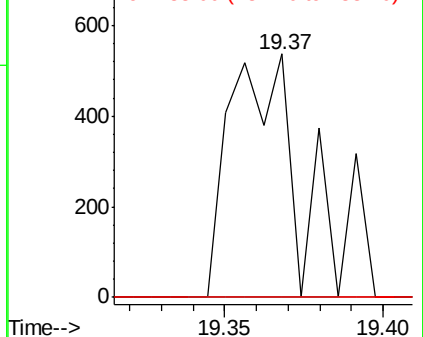
184 100

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: 0.008 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

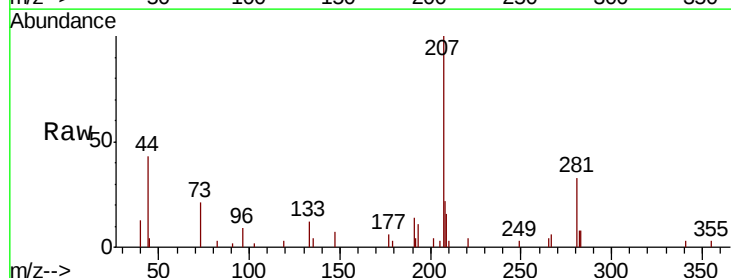
Tgt Ion:202 Resp: 598

Ion Ratio Lower Upper

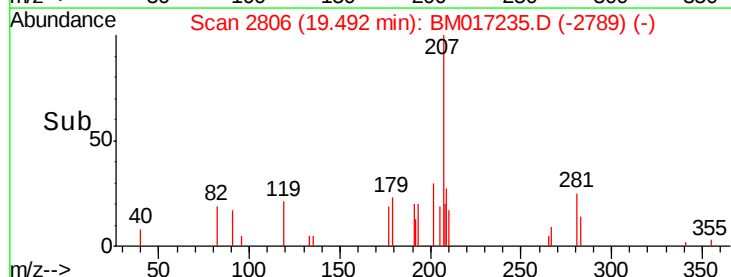
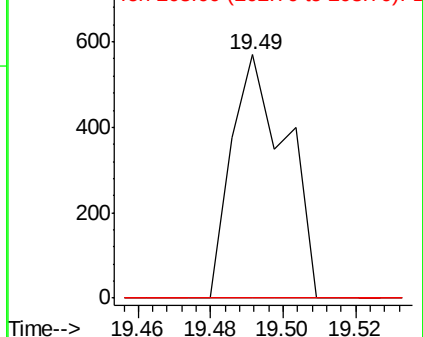
202 100

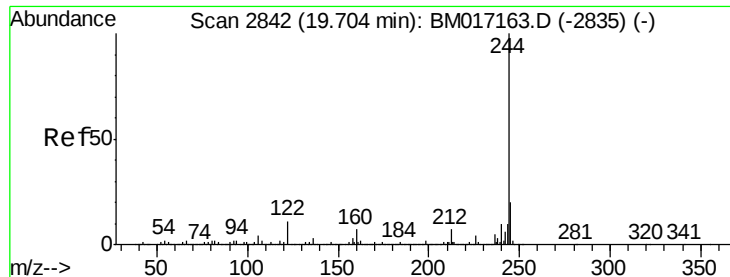
200 0.0 16.3 24.5#

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

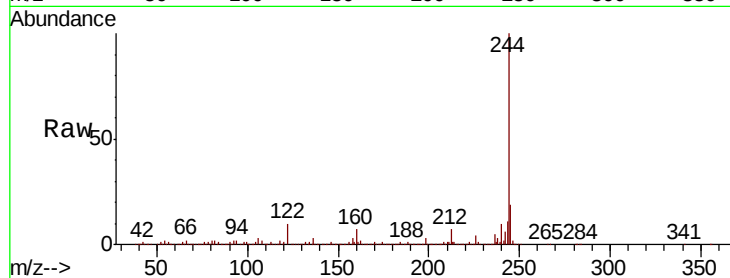




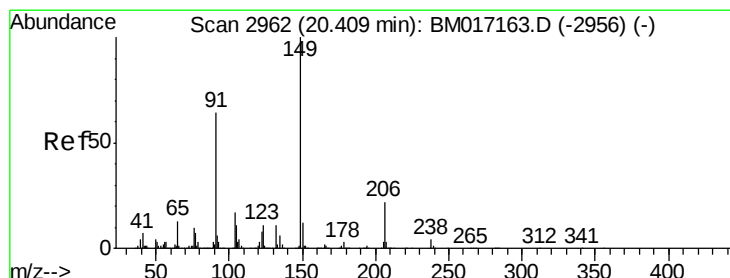
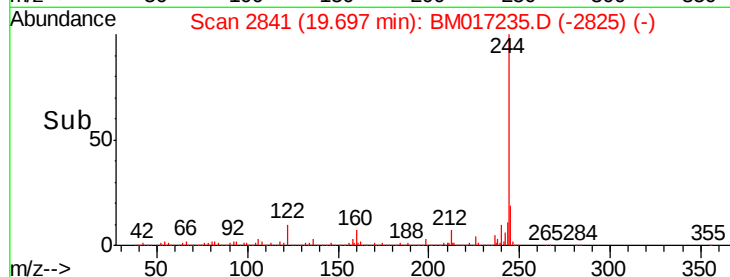
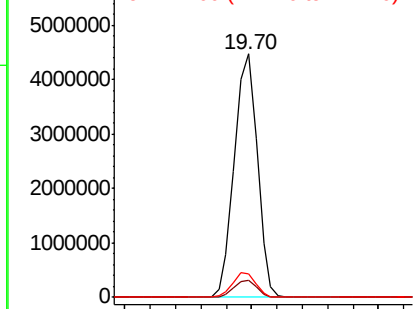
#79
 Terphenyl-d14
 Concen: 96.226 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 5625507
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.8 8.4 12.6

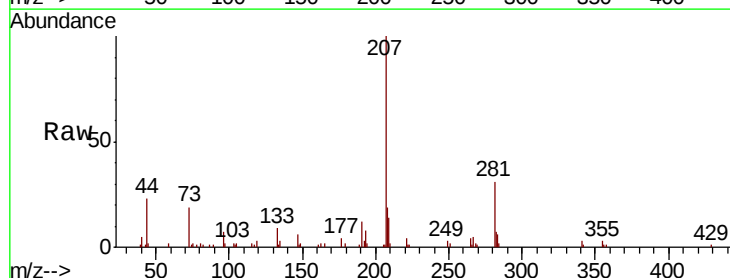


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

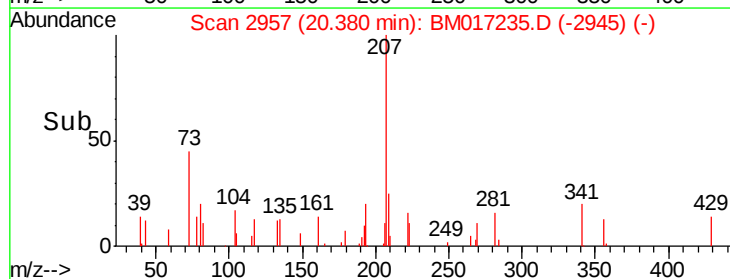
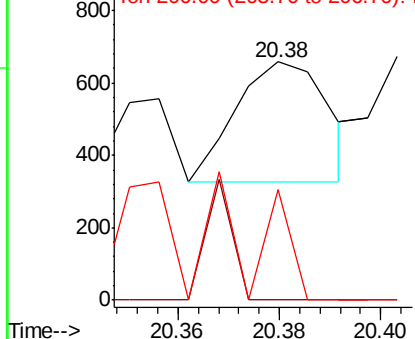


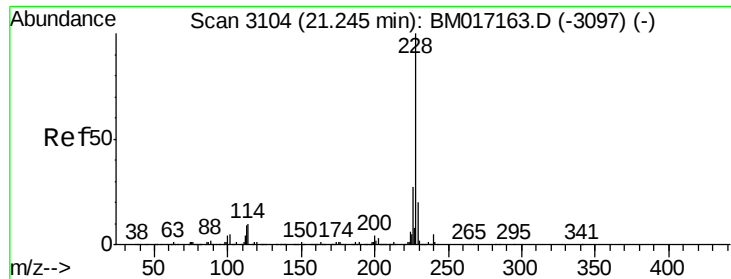
#80
 Butylbenzylphthalate
 Concen: 7.189 ng
 RT: 20.38 min Scan# 2957
 Delta R.T. -0.03 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion:149 Resp: 423
 Ion Ratio Lower Upper
 149 100
 91 0.0 51.3 76.9#
 206 46.4 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: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

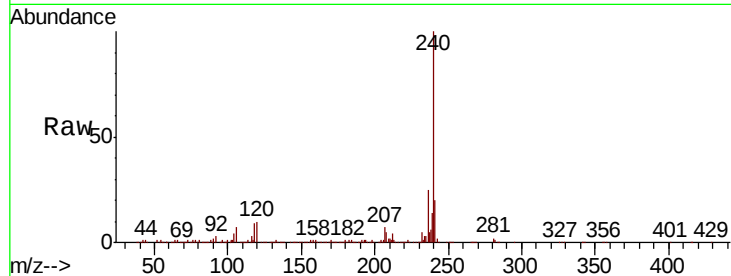
Tot Ion:228 Resp: 4582

Ion Ratio Lower Upper

228 100

226 13.9 21.4 32.0#

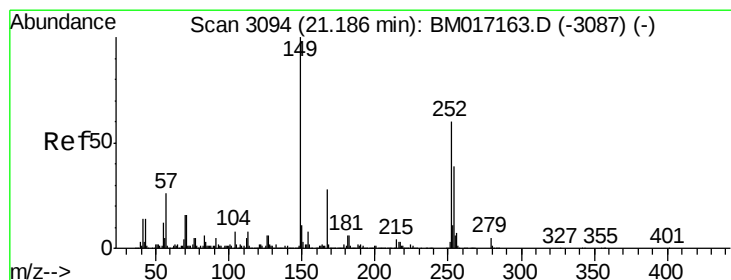
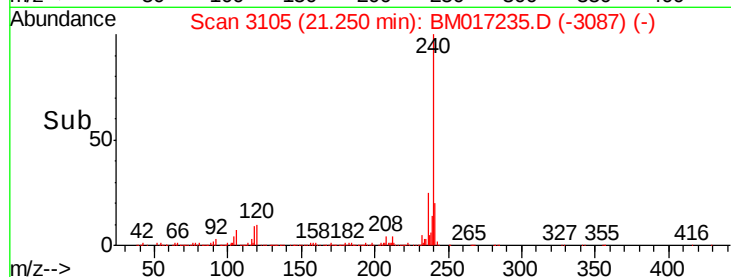
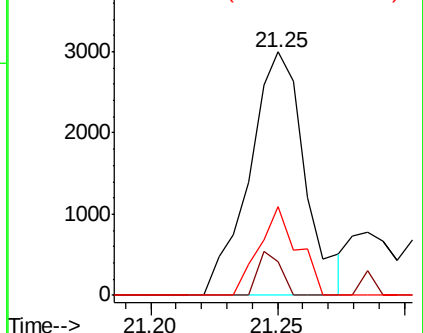
229 36.6 15.9 23.9#



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: 0.015 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

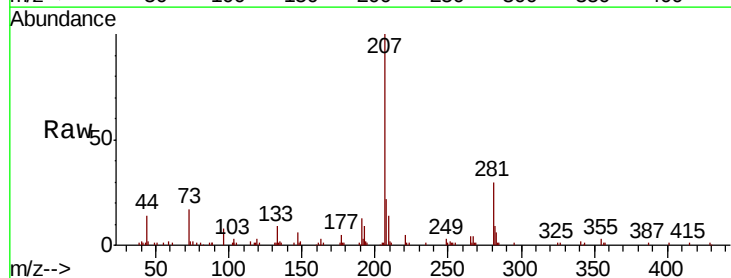
Tgt Ion:252 Resp: 404

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

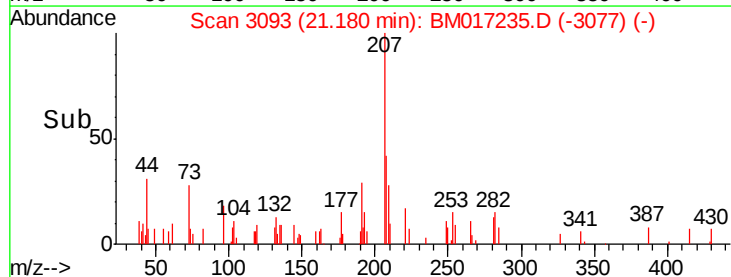
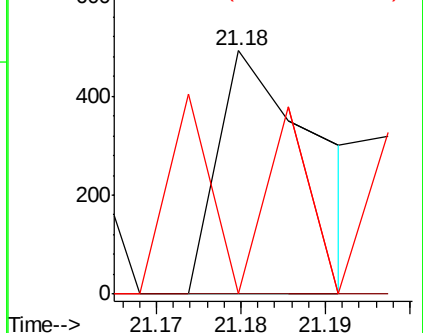
126 0.0 8.6 12.8#

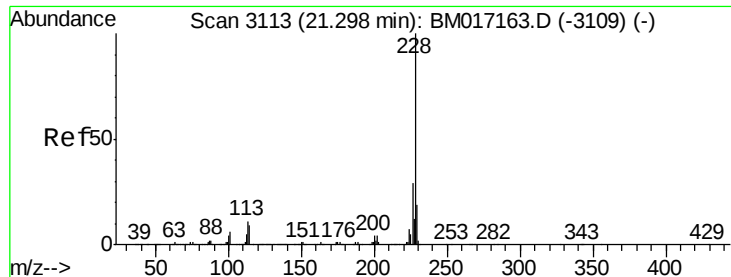


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

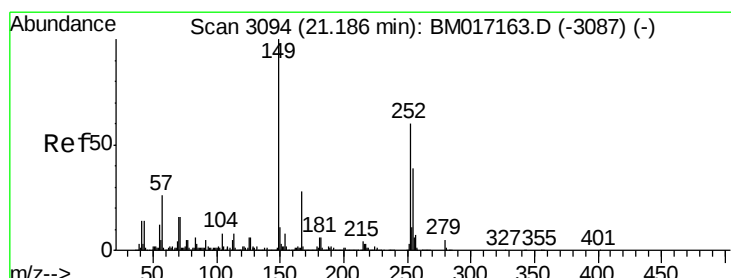
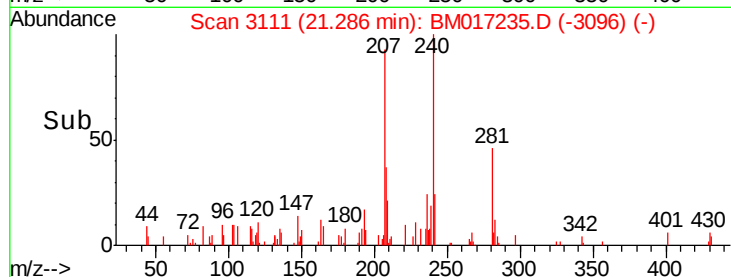
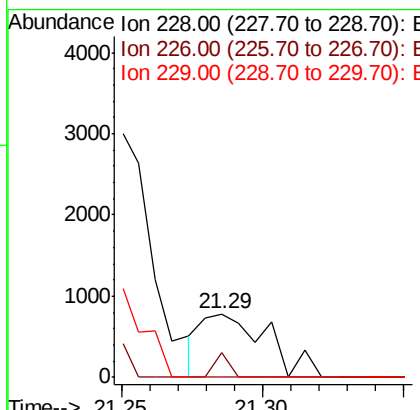
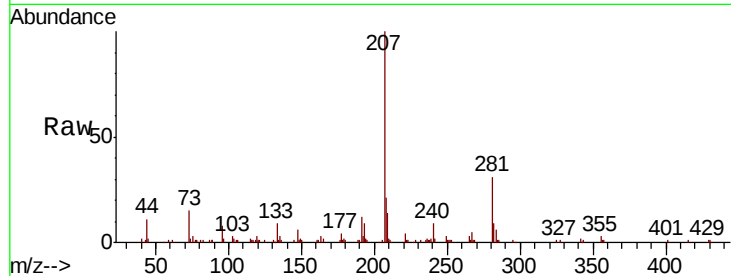




#83
 Chrysene
 Concen: 0.017 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

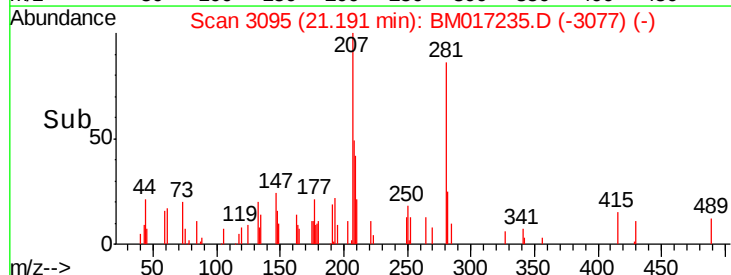
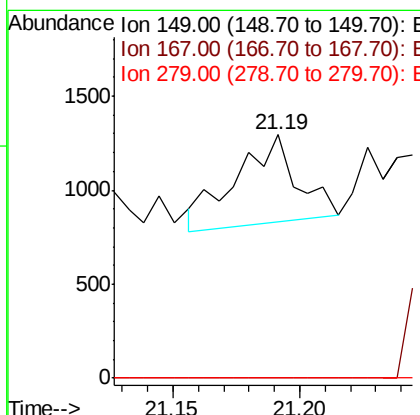
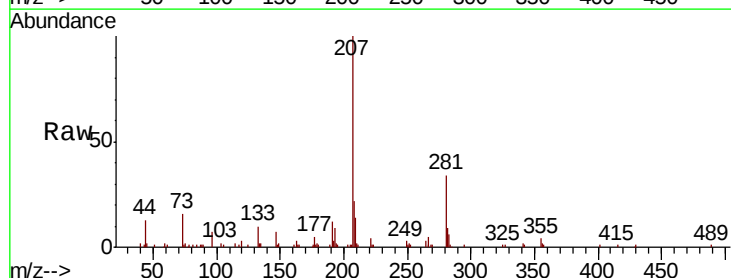
Instrument :
 BNA_M
 ClientSampleId :

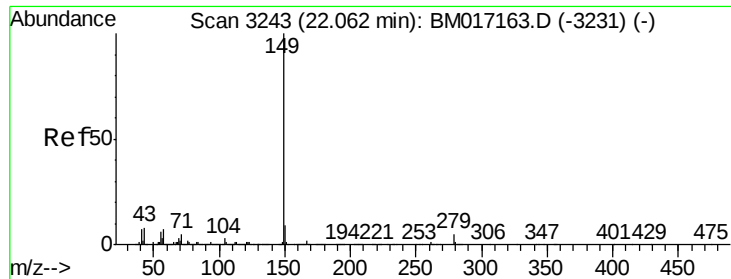
Tot Ion	Ratio	Lower	Upper
228	100		
226	39.5	23.3	34.9#
229	0.0	15.6	23.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.324 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.2	33.4#
279	0.0	3.6	5.4#

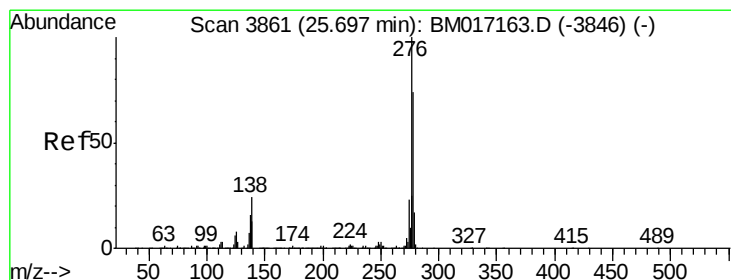
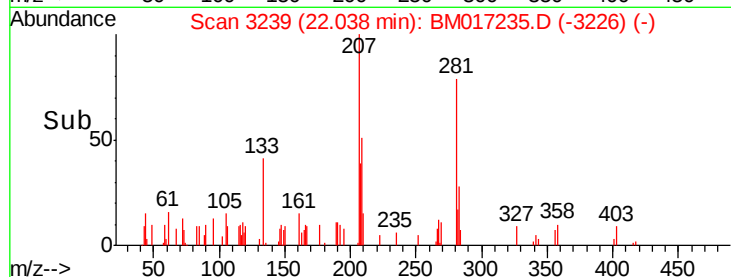
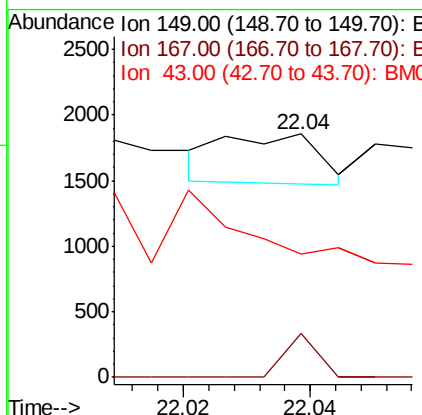
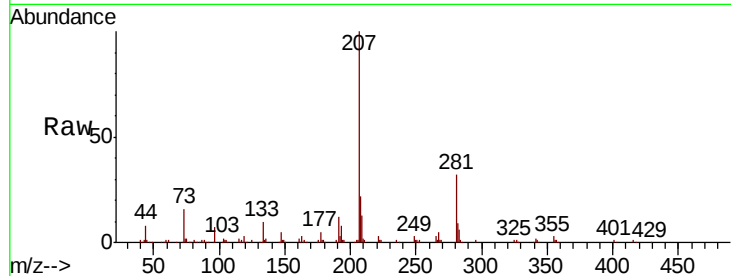




#85
 Di-n-octyl phthalate
 Concen: 5.576 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

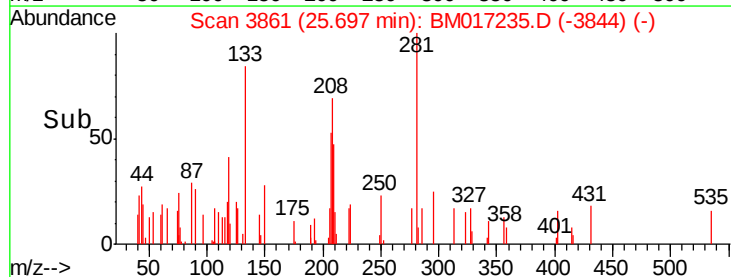
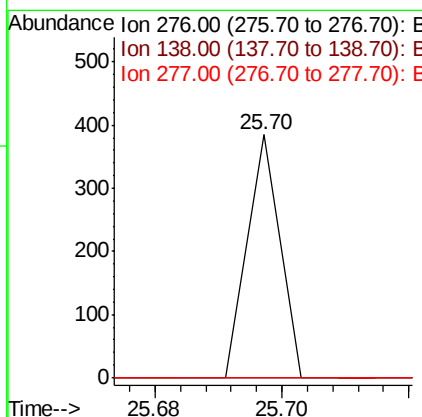
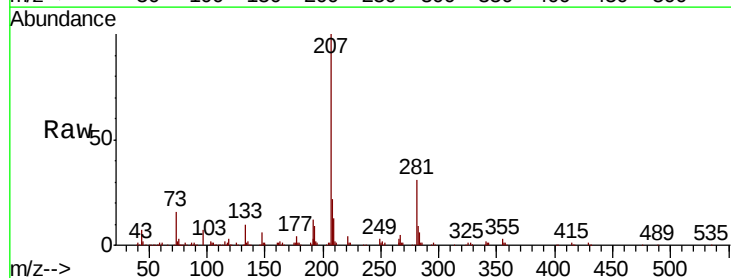
Instrument :
 BNA_M
 ClientSampled :

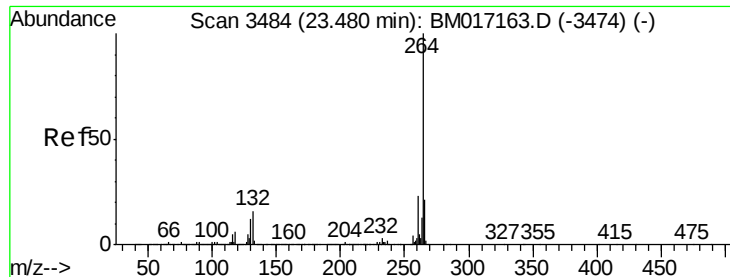
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	1.4	2.0#
43	384.7	7.2	10.8#



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 25.70 min Scan# 3861
 Delta R.T. -0.00 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

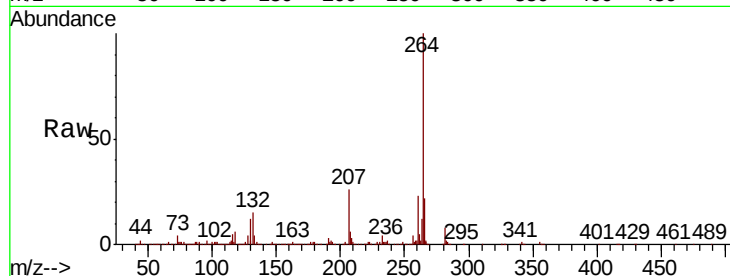
Tot Ion:264 Resp: 1056700

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

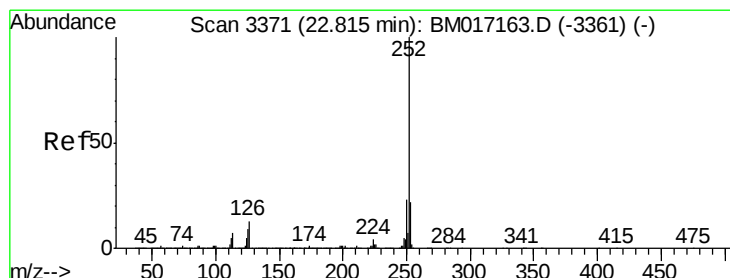
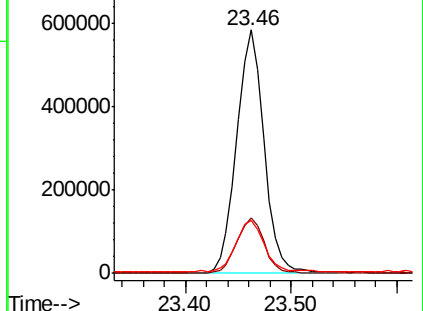
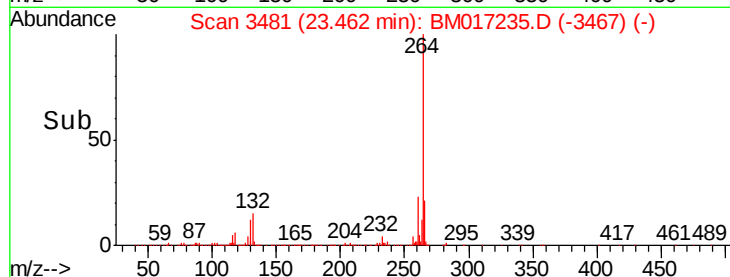
265 22.0 17.8 26.8



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: 0.005 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

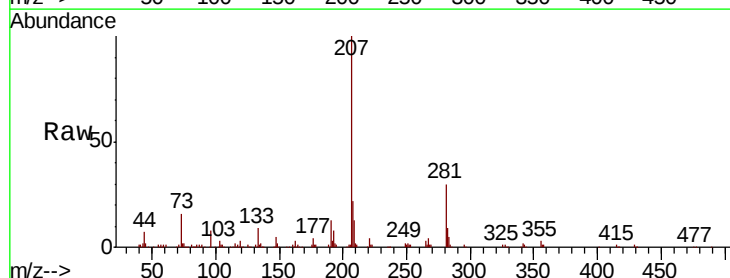
Tgt Ion:252 Resp: 297

Ion Ratio Lower Upper

252 100

253 88.6 17.4 26.2#

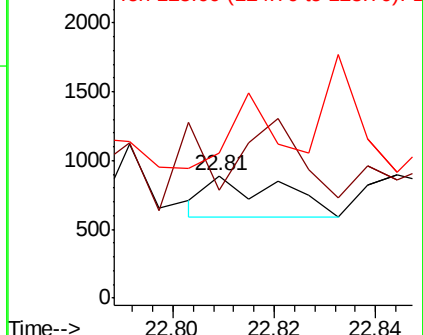
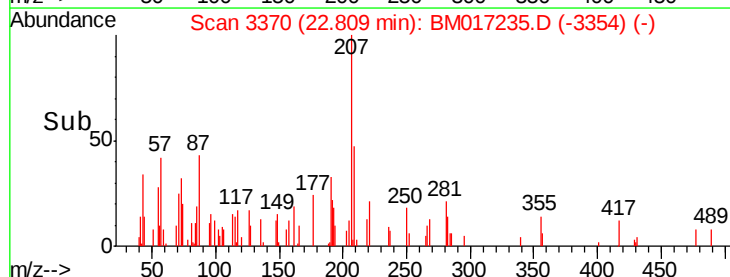
125 118.7 7.5 11.3#

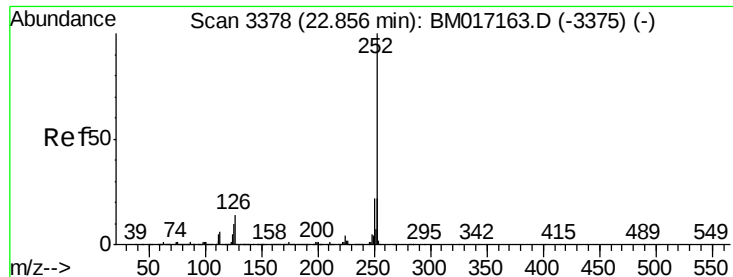


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

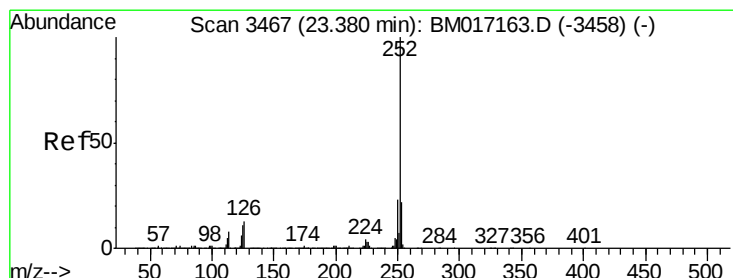
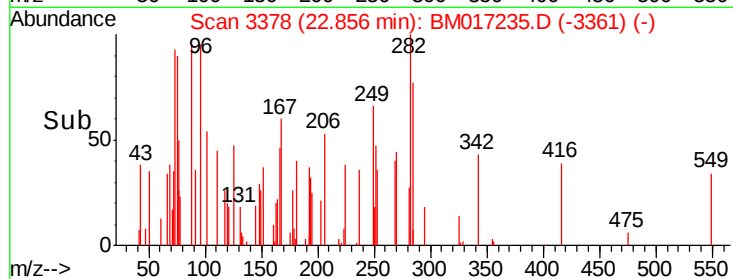
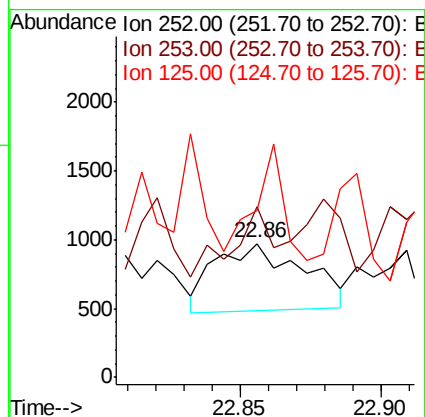
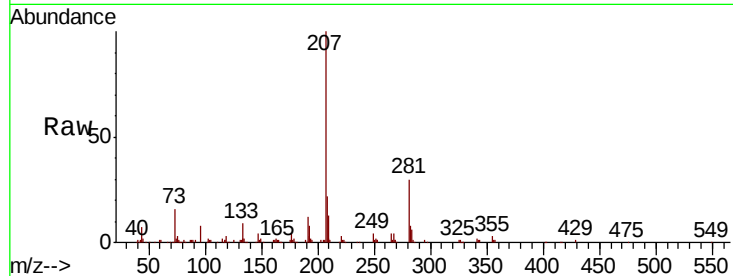




#89
Benzo(k)fluoranthene
Concen: 0.018 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

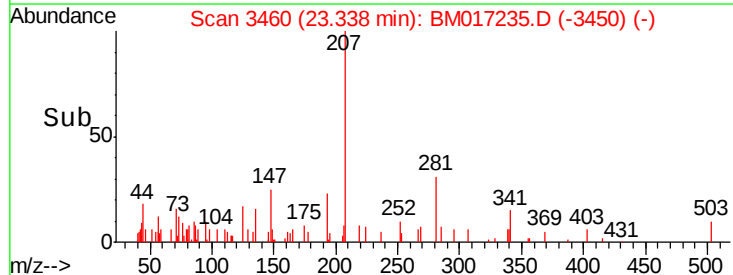
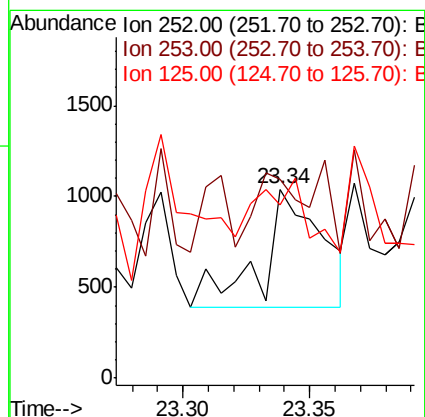
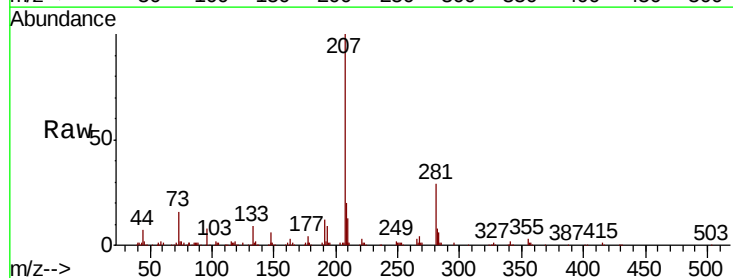
Instrument :
BNA_M
ClientSampleId :

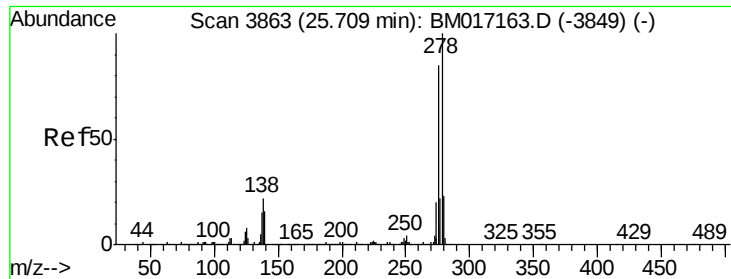
Tot Ion:252 Resp: 1060
Ion Ratio Lower Upper
252 100
253 127.1 17.5 26.3#
125 124.9 8.2 12.2#



#90
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM017235.D
Acq: 19 Oct 2018 18:16

Tgt Ion:252 Resp: 1077
Ion Ratio Lower Upper
252 100
253 105.4 17.4 26.0#
125 91.7 8.6 13.0#





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.74 min Scan# 3869

Delta R.T. 0.04 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampled :

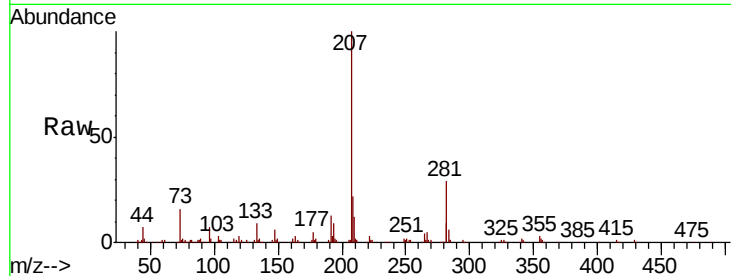
Tot Ion:278 Resp: 107

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

279 131.4 18.7 28.1#

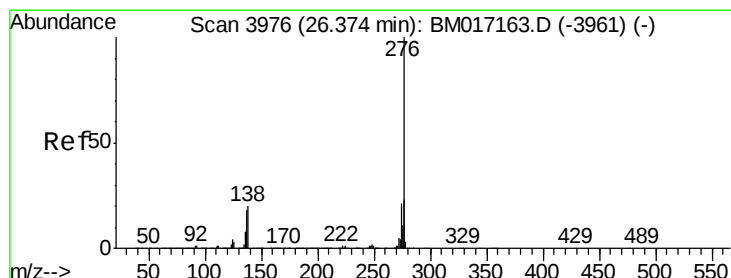
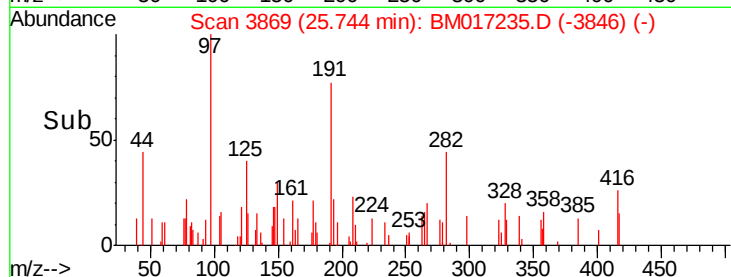
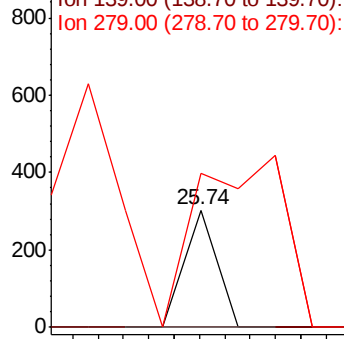


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.38 min Scan# 3977

Delta R.T. 0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

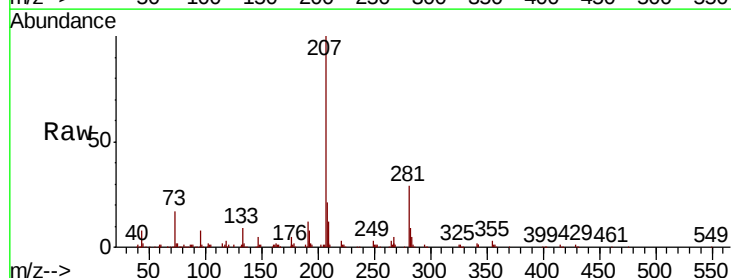
Tgt Ion:276 Resp: 110

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 16.4 24.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

