

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017239.D
 Acq On : 19 Oct 2018 20:41
 Operator : MJ/SJ
 Sample : J5575-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:54:07 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	7.66	152	309363	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1275570	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	764044	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1727816	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1650083	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1508129	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1326143	72.50	ng	0.00
7) Phenol-d6	6.85	99	1807213	72.55	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1087296	49.85	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	715687	69.27	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2483404	43.25	ng	-0.01
79) Terphenyl-d14	19.69	244	3582080	48.93	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	261	0.028	ng	# 1
3) Pyridine	3.69	79	131	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	923	0.107	ng	# 1
9) Benzaldehyde	6.81	77	216	0.014	ng	# 1
10) Phenol	6.87	94	157427	5.872	ng	95
15) Benzyl Alcohol	7.98	79	13694	0.752	ng	# 39
22) Acetophenone	8.49	105	1115	0.034	ng	# 27
24) Nitrobenzene	8.82	77	4098	0.178	ng	# 31
46) 1,1'-Biphenyl	13.14	154	2805	0.041	ng	# 76
49) Acenaphthylene	14.03	152	321	0.004	ng	# 61
50) Dimethylphthalate	13.77	163	211819	3.593	ng	99
52) Acenaphthene	14.31	154	2564	0.056	ng	# 4
60) Diethylphthalate	15.14	149	1919	0.033	ng	# 76
63) Azobenzene	15.65	77	112	0.002	ng	# 48
71) Phenanthrene	17.10	178	6533	0.070	ng	94
72) Anthracene	17.19	178	1110	0.013	ng	# 61
73) Carbazole	17.49	167	765	0.008	ng	# 60
74) Di-n-butylphthalate	18.03	149	2763	0.029	ng	# 78
75) Fluoranthene	19.12	202	18161	0.173	ng	94
77) Benzidine	19.34	184	1252	0.030	ng	# 66
78) Pyrene	19.49	202	15034	0.163	ng	98
80) Butylbenzylphthalate	20.39	149	819	7.196	ng	# 69
81) Benzo(a)anthracene	21.24	228	12950	0.139	ng	93
82) 3,3'-Dichlorobenzidine	21.18	252	773	0.022	ng	# 25
83) Chrysene	21.24	228	12950	0.141	ng	95
84) Bis(2-ethylhexyl)phthalate	21.17	149	3613	5.368	ng	# 95
85) Di-n-octyl phthalate	22.07	149	675	5.578	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.69	276	3491	0.034	ng	# 73
88) Benzo(b)fluoranthene	22.80	252	9701	0.118	ng	# 40
89) Benzo(k)fluoranthene	22.85	252	3553	0.043	ng	# 36
90) Benzo(a)pyrene	23.37	252	5454	0.070	ng	# 21
91) Dibenzo(a,h)anthracene	25.68	278	690	0.009	ng	# 41
92) Benzo(a,h,i)perylene	26.36	276	2798	0.036	ng	# 78

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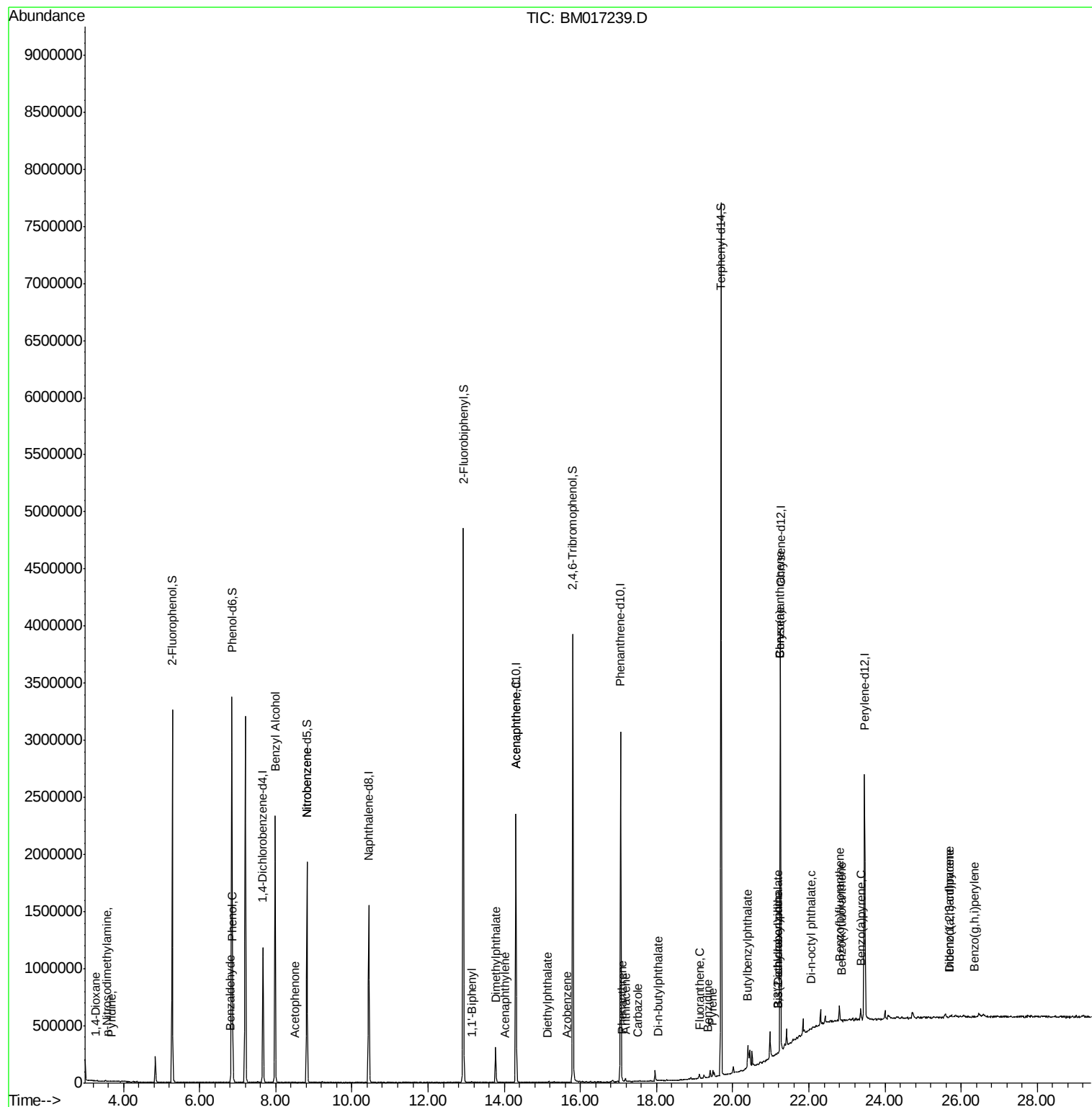
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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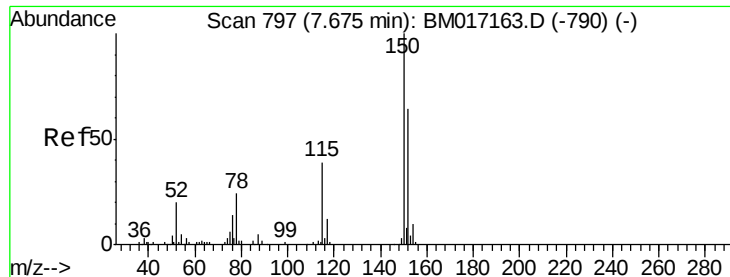
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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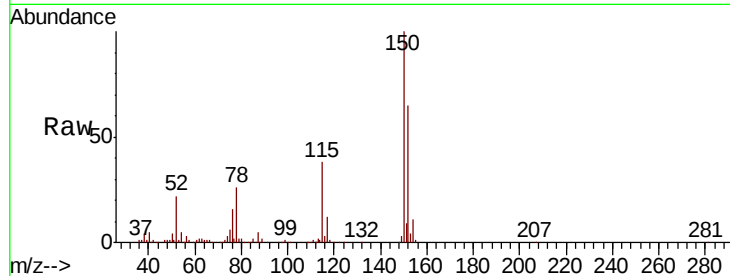


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	58.8	48.1	72.1

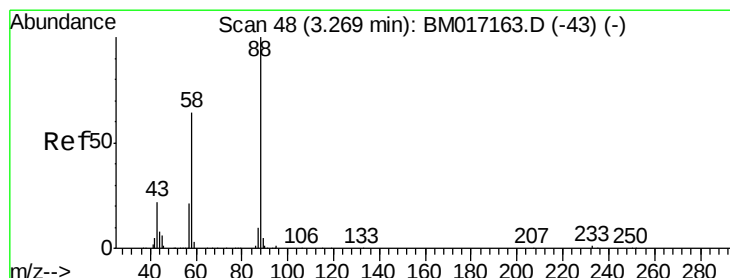
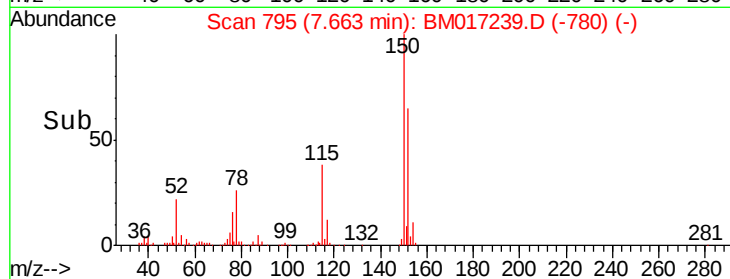
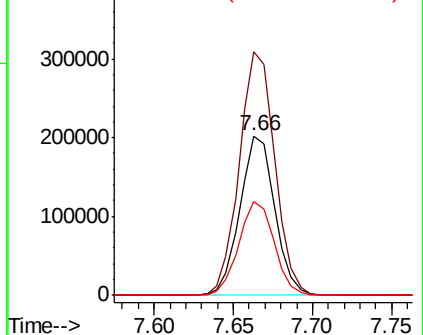


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

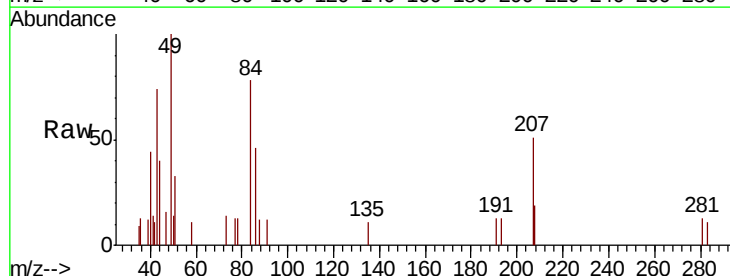
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.028 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	50.2	75.4#
43	323.8	19.3	28.9#

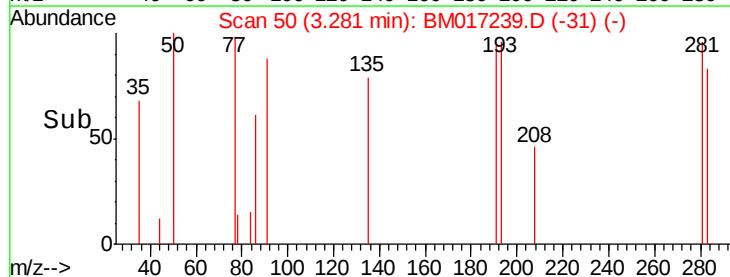
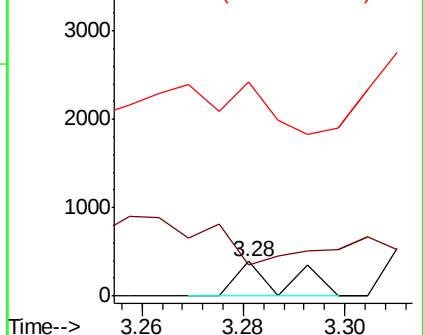


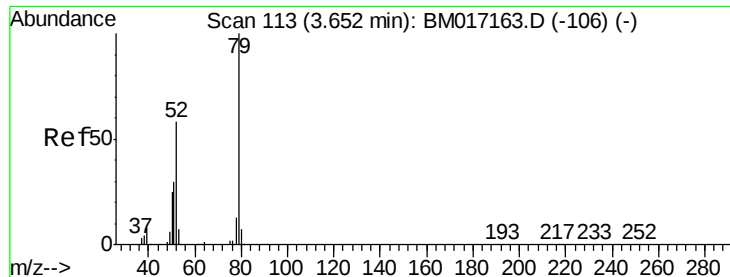
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

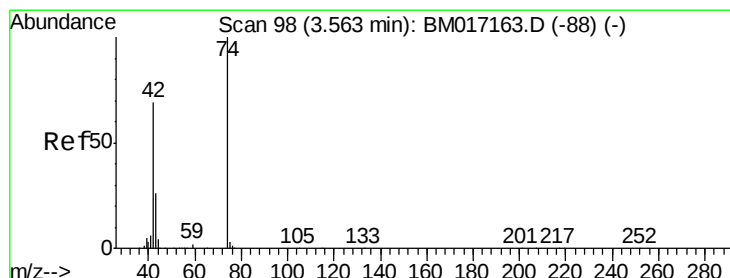
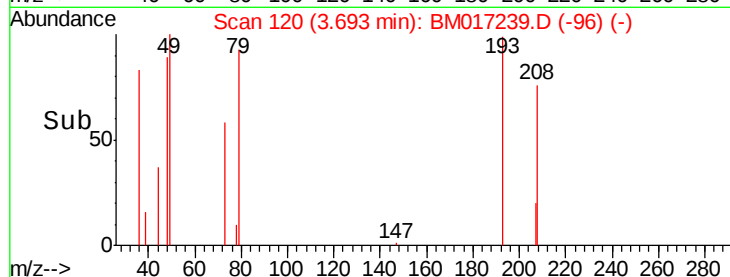
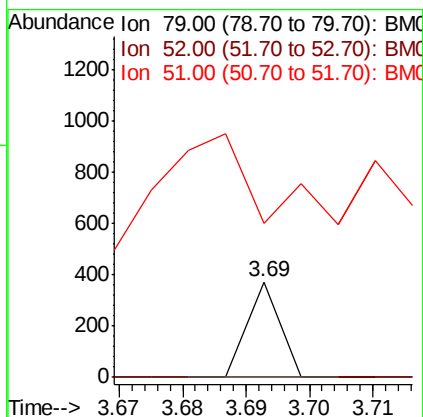
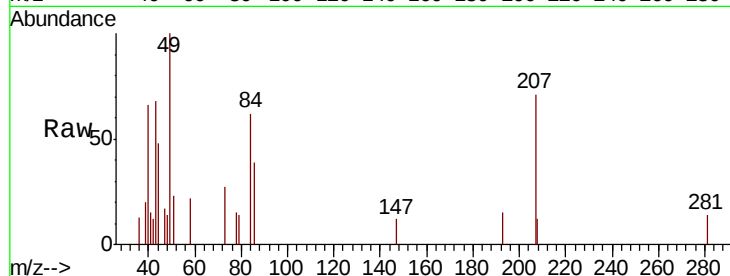




#3
 Pvridine
 Concen: 0.006 ng
 RT: 3.69 min Scan# 120
 Delta R.T. 0.04 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

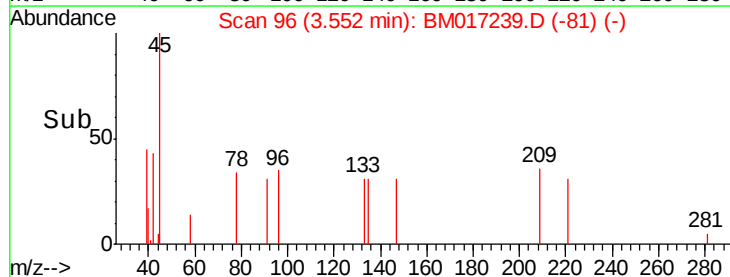
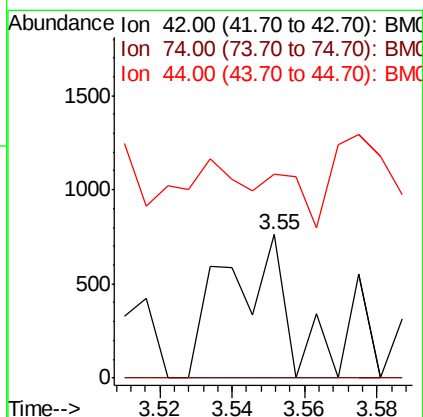
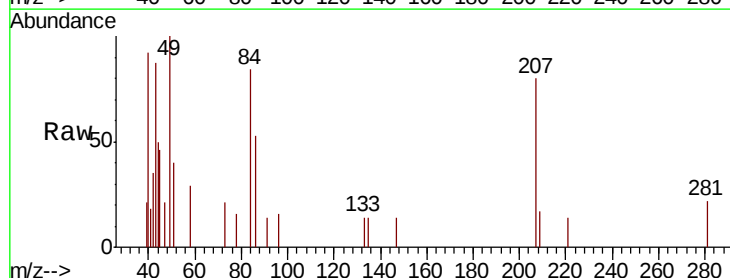
Instrument :
 BNA_M
 ClientSampleId :

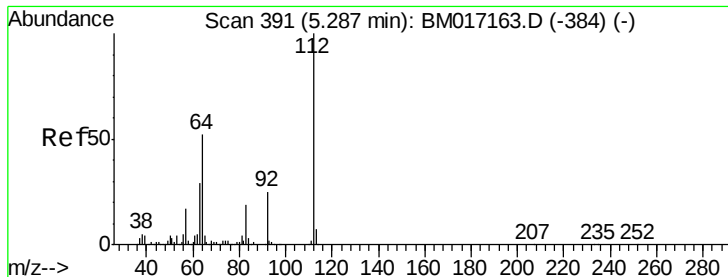
Tot Ion: 79 Resp: 131
 Ion Ratio Lower Upper
 79 100
 52 0.0 46.5 69.7#
 51 161.8 24.6 37.0#



#4
 n-Nitrosodimethylamine
 Concen: 0.107 ng
 RT: 3.55 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Tgt Ion: 42 Resp: 923
 Ion Ratio Lower Upper
 42 100
 74 0.0 114.4 171.6#
 44 142.3 48.6 73.0#





#5

2-Fluorophenol

Concen: 72.502 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampleId :

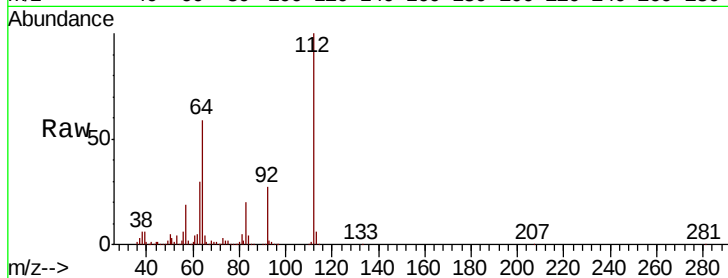
Tot Ion:112 Resp: 1326143

Ion Ratio Lower Upper

112 100

64 58.7 41.7 62.5

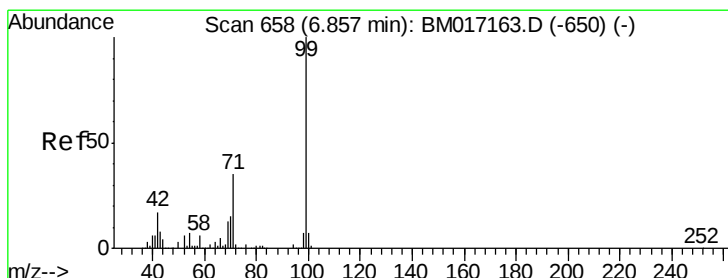
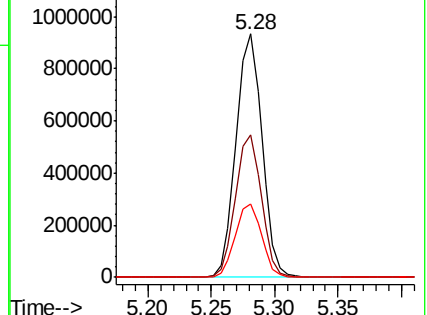
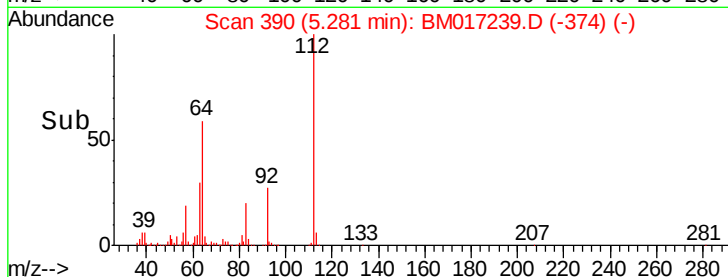
63 30.4 23.0 34.4



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: 72.546 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

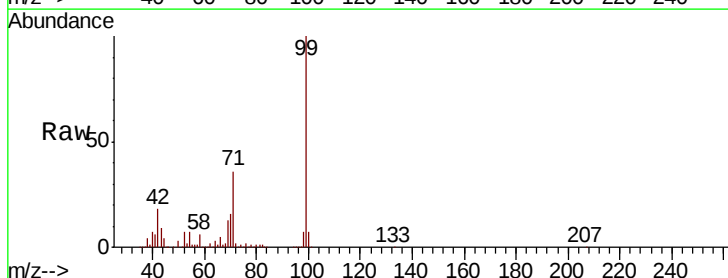
Tgt Ion: 99 Resp: 1807213

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

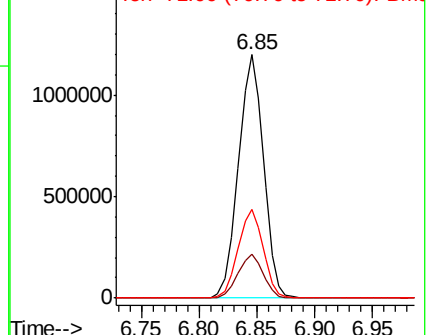
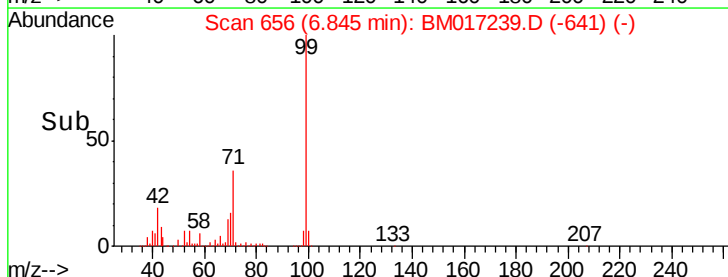
71 36.2 28.0 42.0

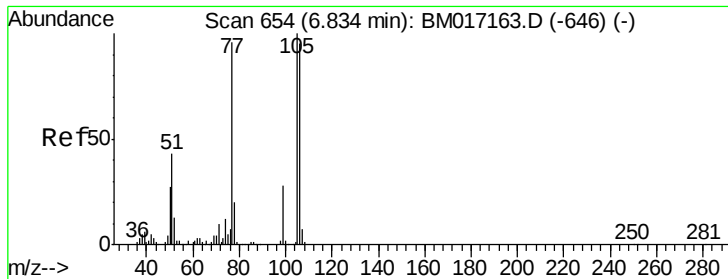


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.014 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampleId :

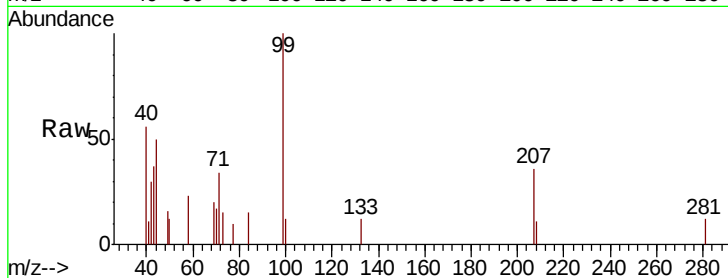
Tot Ion: 77 Resp: 216

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): BM017239.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017239.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017239.D (-637) (-)

600

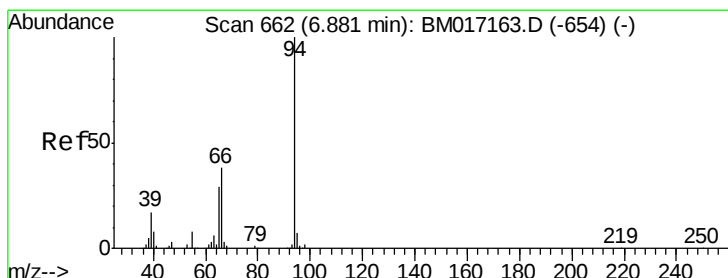
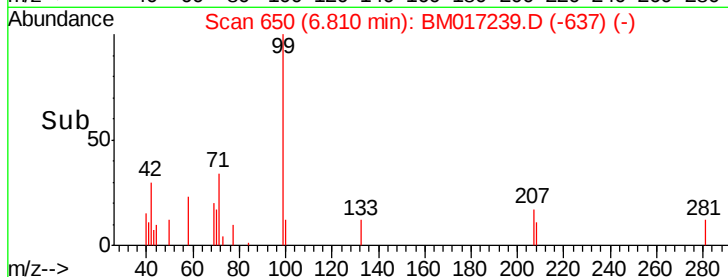
400

200

0

6.78 6.80 6.82

Time-->



#10

Phenol

Concen: 5.872 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

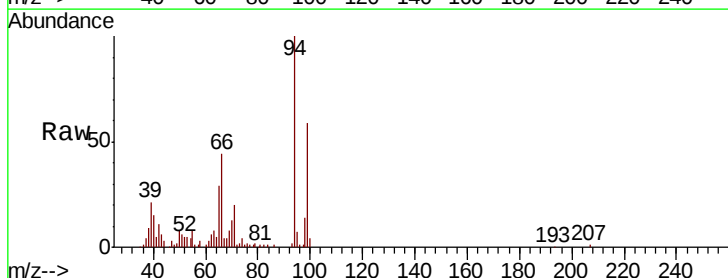
Tgt Ion: 94 Resp: 157427

Ion Ratio Lower Upper

94 100

65 29.2 9.4 49.4

66 44.3 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM017239.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017239.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017239.D (-645) (-)

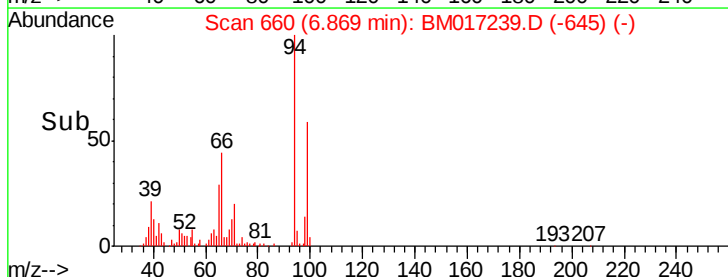
100000

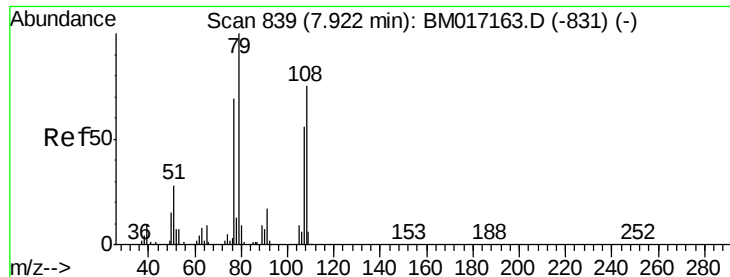
50000

0

6.80 6.85 6.90 6.95

Time-->





#15

Benzyl Alcohol

Concen: 0.752 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampleId :

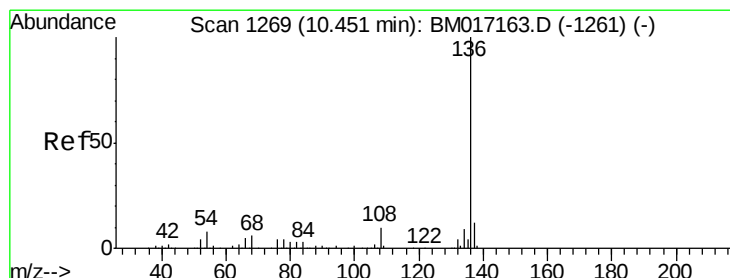
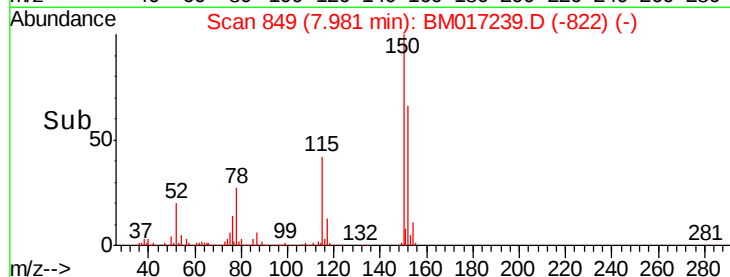
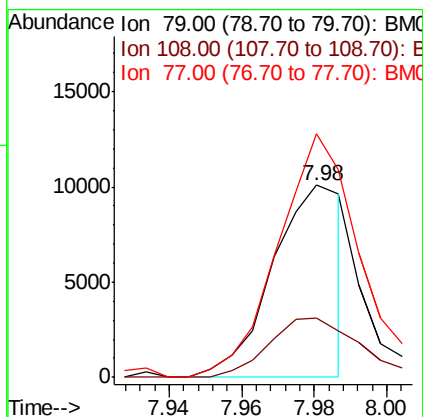
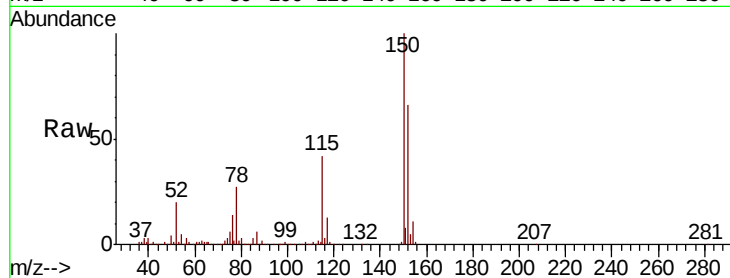
Tot Ion: 79 Resp: 13694

Ion Ratio Lower Upper

79 100

108 31.0 60.3 90.5#

77 126.6 54.8 82.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Tgt Ion: 136 Resp: 1275570

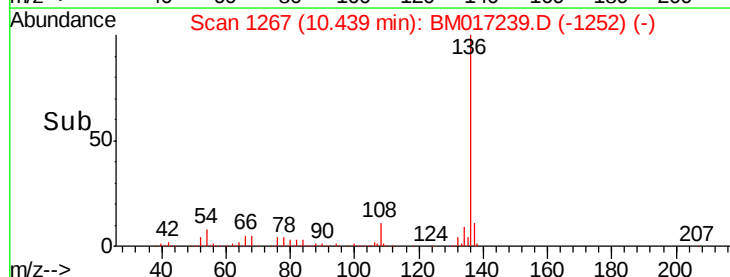
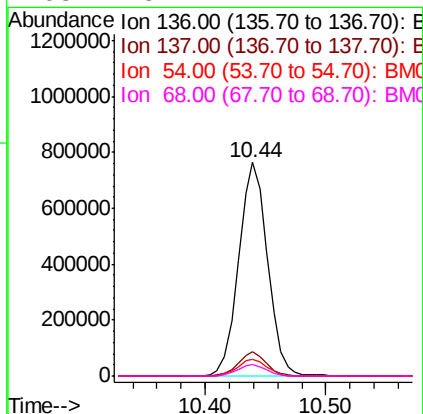
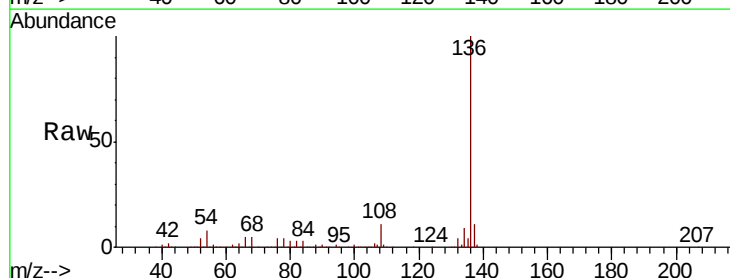
Ion Ratio Lower Upper

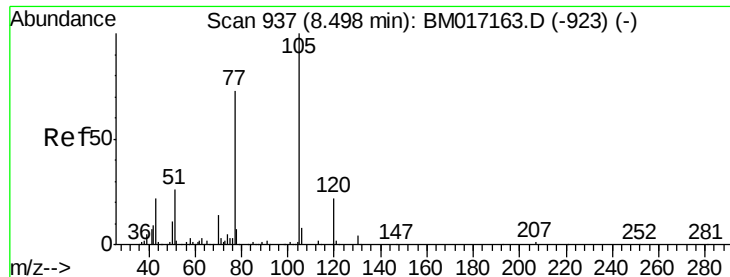
136 100

137 11.3 9.2 13.8

54 8.0 6.7 10.1

68 5.4 4.7 7.1

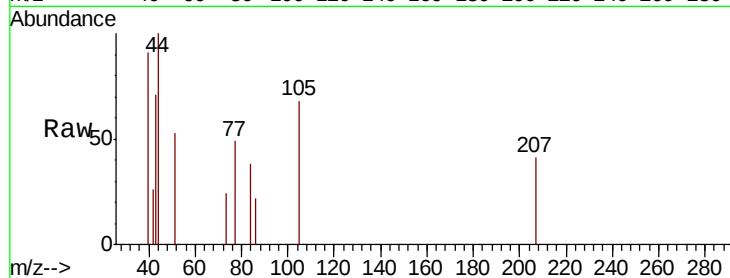




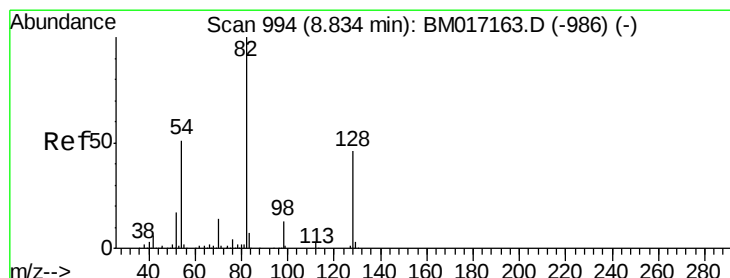
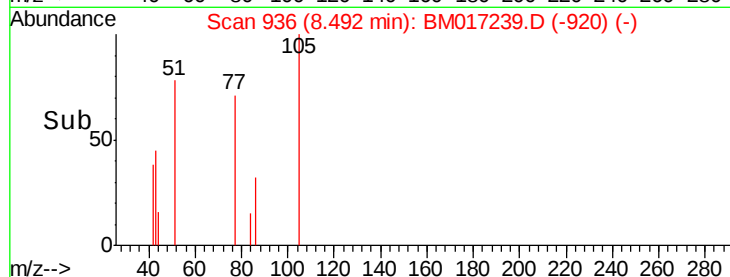
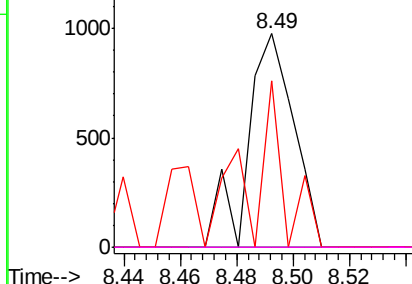
#22
Acetophenone
Concen: 0.034 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:105 Resp: 1115
Ion Ratio Lower Upper
105 100
71 0.0 2.0 3.0#
51 78.1 20.6 31.0#
120 0.0 17.5 26.3#

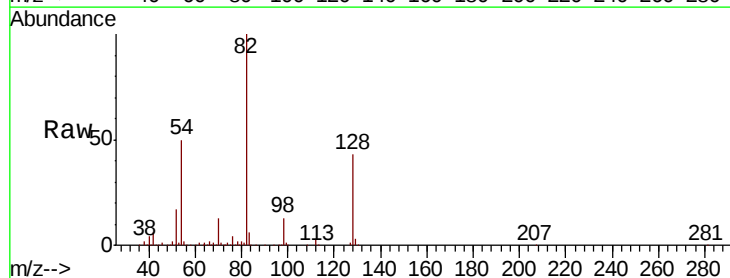


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

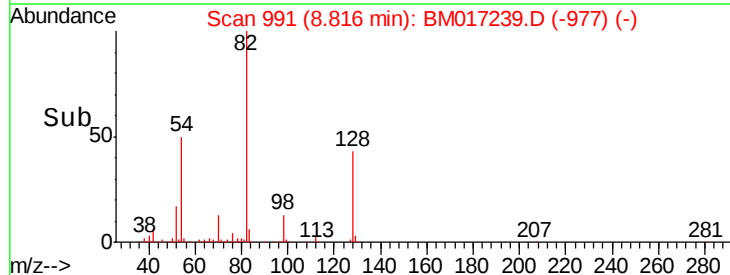
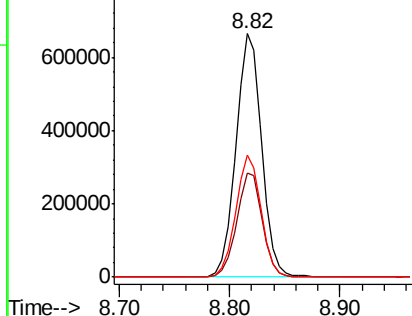


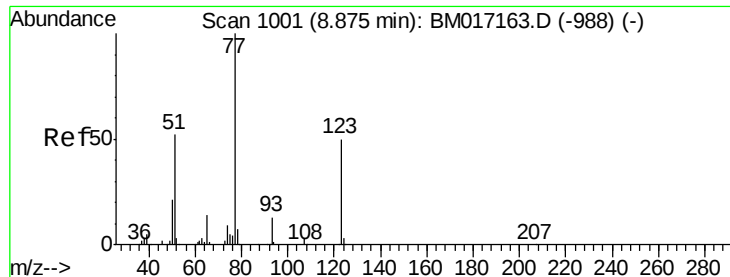
#23
Nitrobenzene-d5
Concen: 49.853 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion: 82 Resp: 1087296
Ion Ratio Lower Upper
82 100
128 42.5 37.0 55.6
54 50.1 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

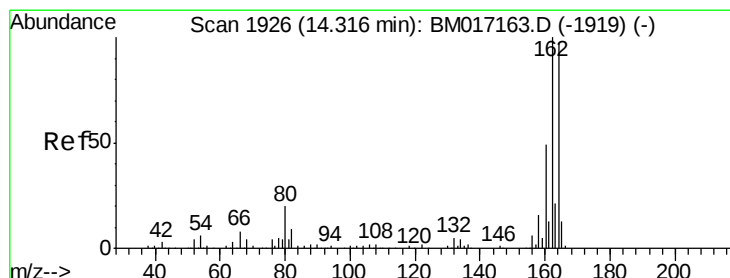
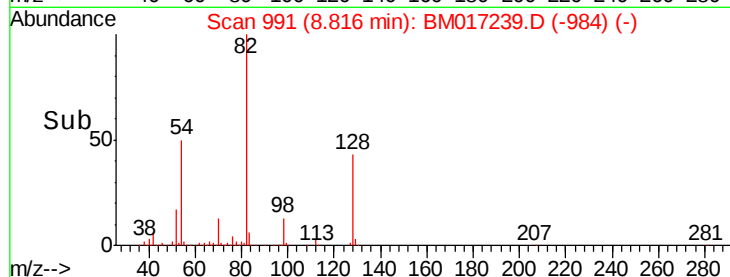
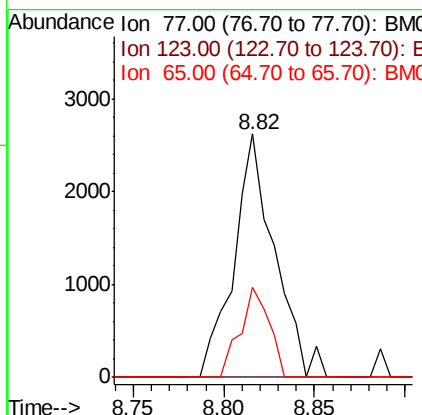
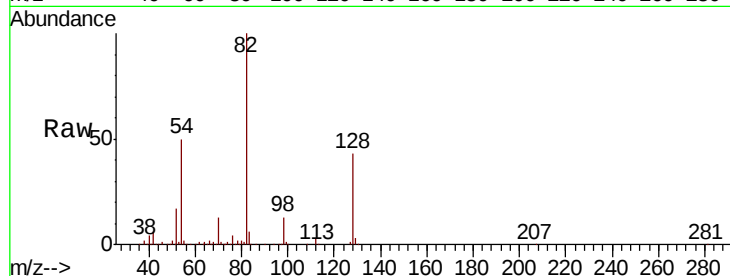




#24
 Nitrobenzene
 Concen: 0.178 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.06 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

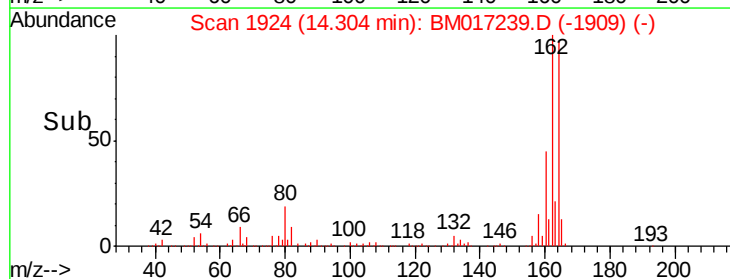
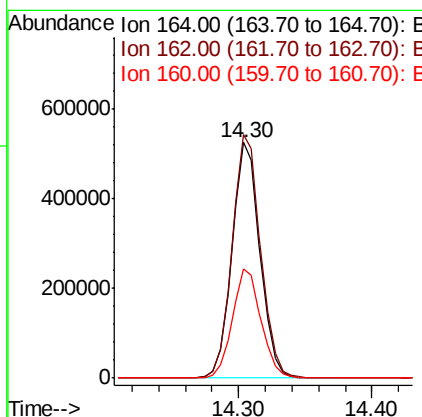
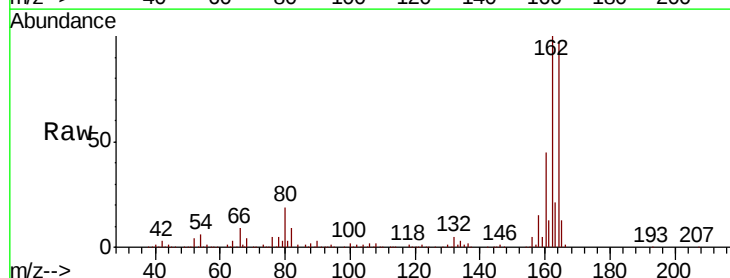
Instrument :
 BNA_M
 ClientSampleId :

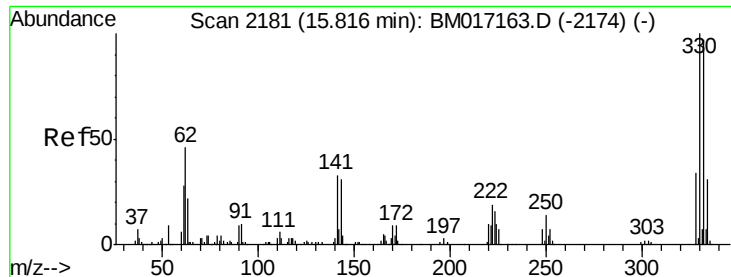
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.2	60.4#
65	36.9	11.4	17.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	46.5	40.2	60.2

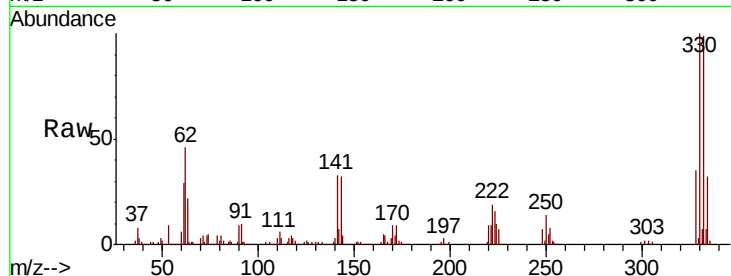




#42
 2,4,6-Tribromophenol
 Concen: 69.265 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	34.2	27.4	41.0

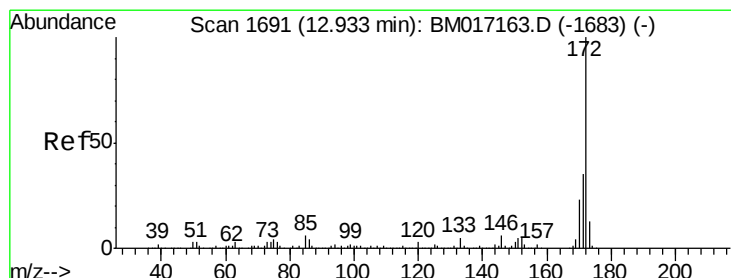
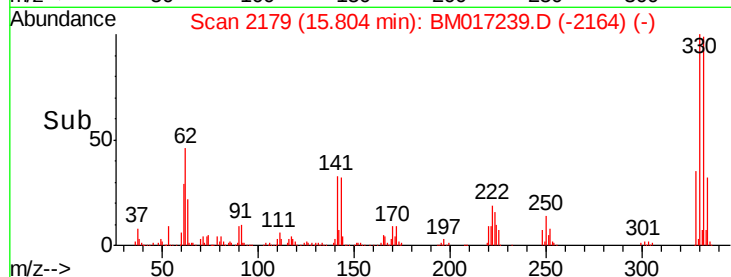
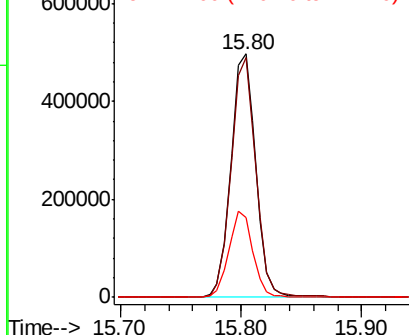


Abundance

Ion 329.80 (329.50 to 330.50): E

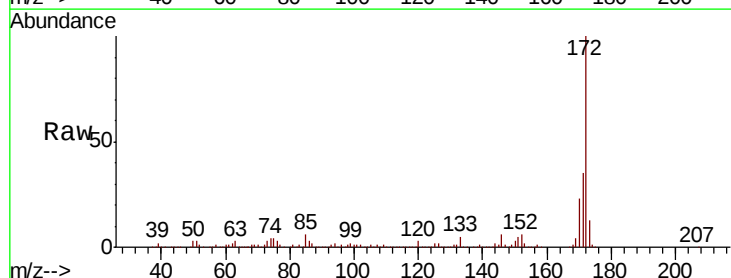
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.247 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.6	18.3	27.5

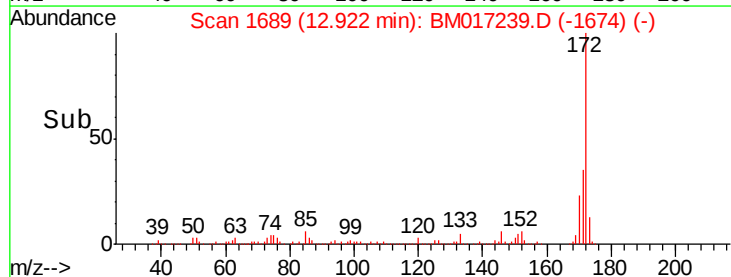
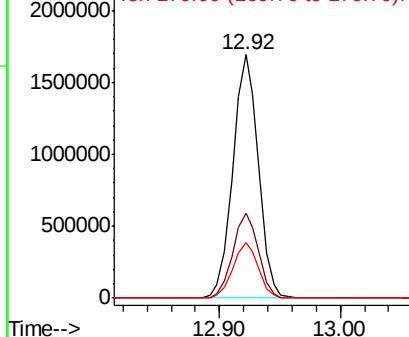


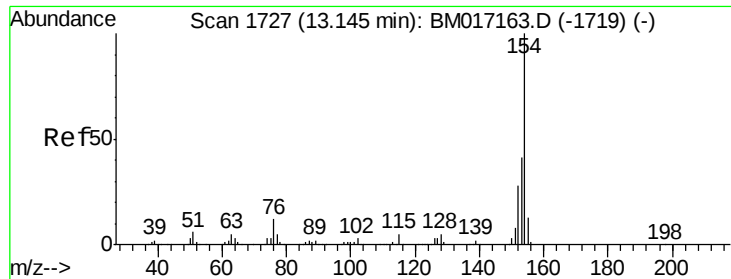
Abundance

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: 0.041 ng

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampled :

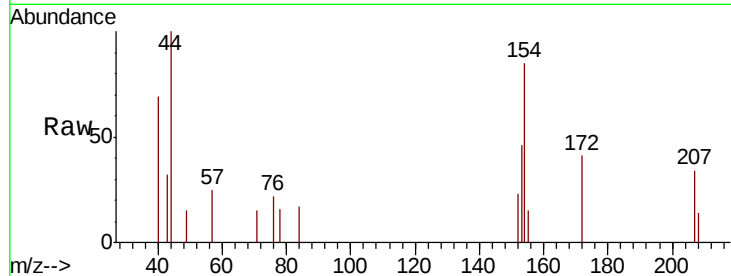
Tot Ion:154 Resp: 2805

Ion Ratio Lower Upper

154 100

153 53.7 20.5 60.5

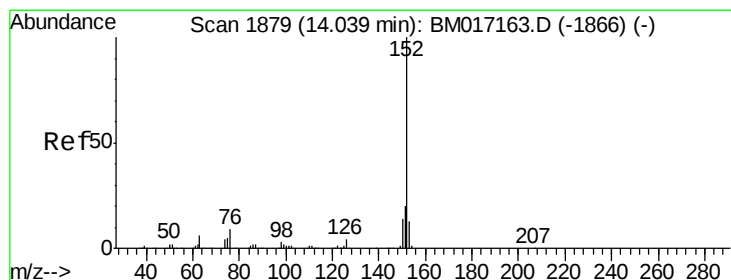
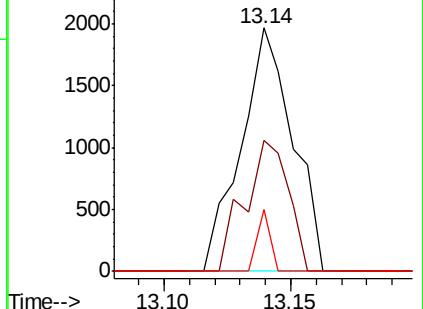
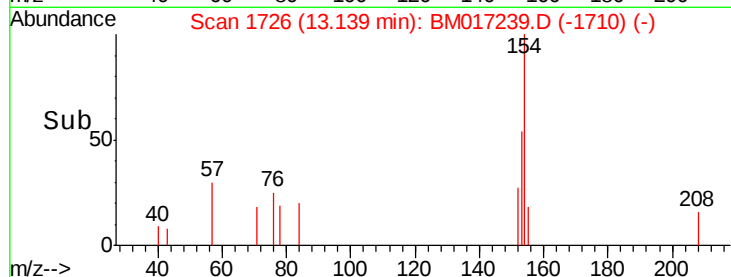
76 25.5 0.0 31.8



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



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

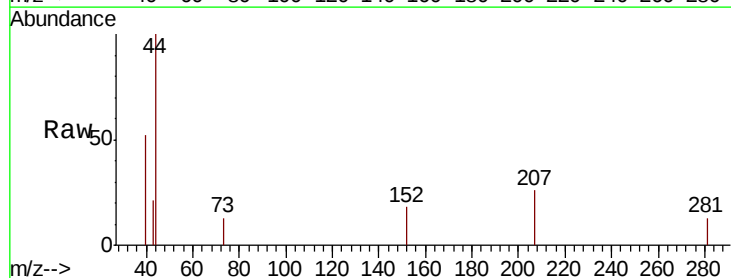
Tgt Ion:152 Resp: 321

Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

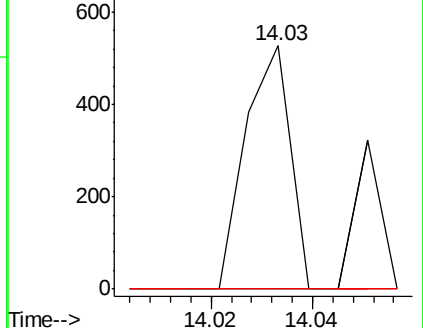
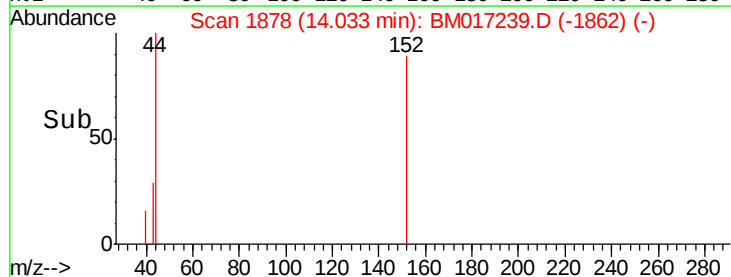
153 0.0 10.4 15.6#

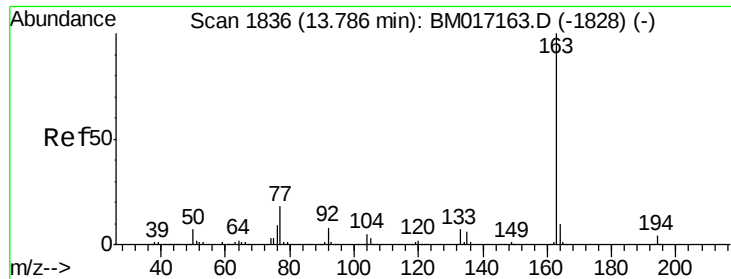


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

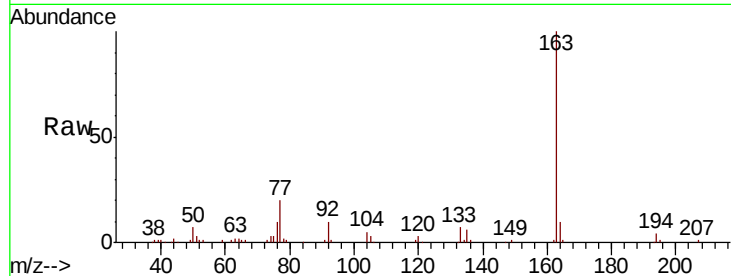




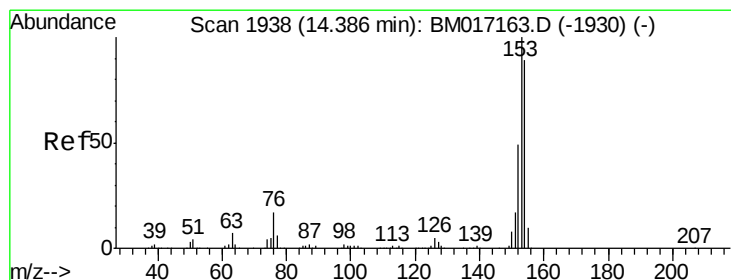
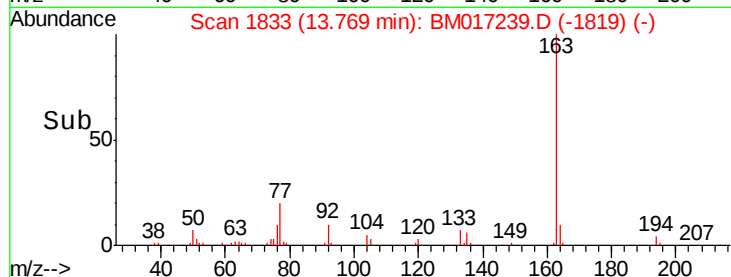
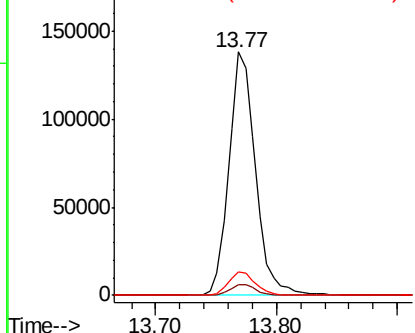
#50
Dimethylphthalate
Concen: 3.593 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.6	7.8	11.8

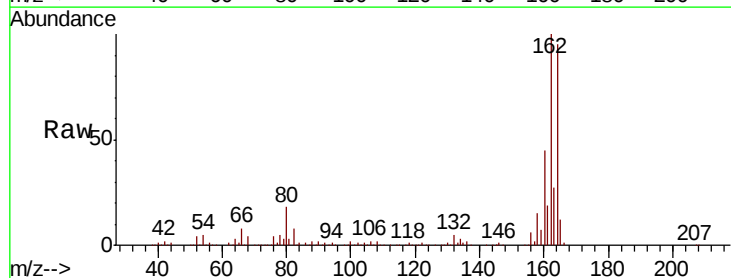


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

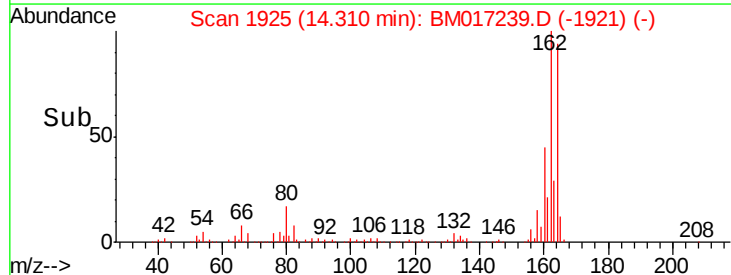
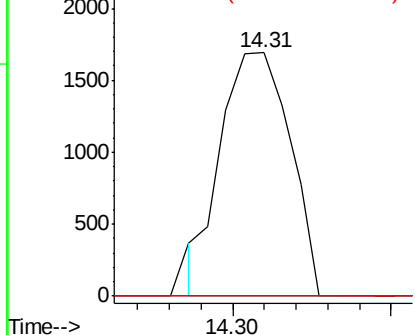


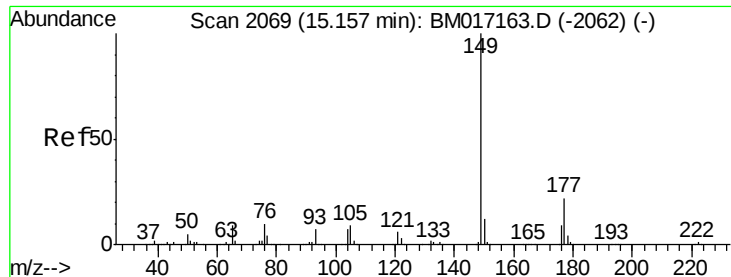
#52
Acenaphthene
Concen: 0.056 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.08 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.2	135.2#
152	0.0	44.2	66.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

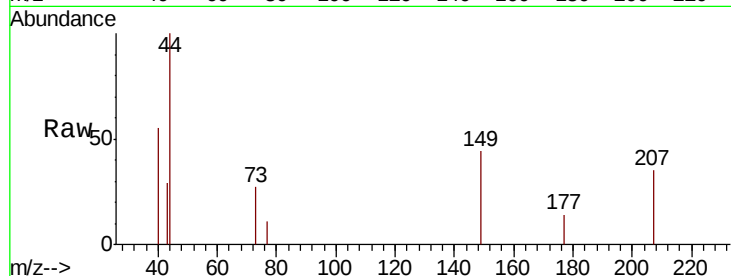




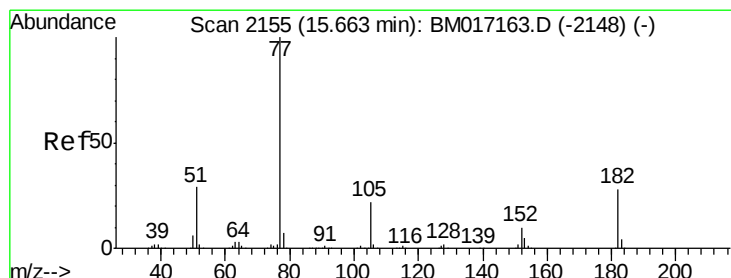
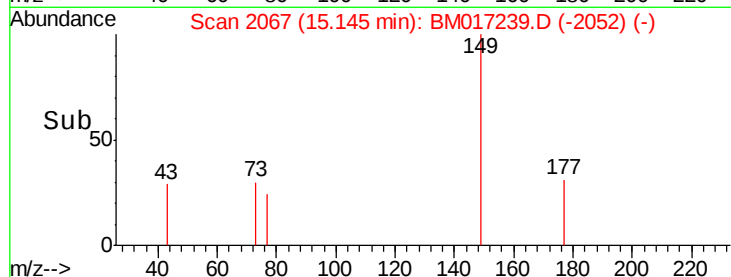
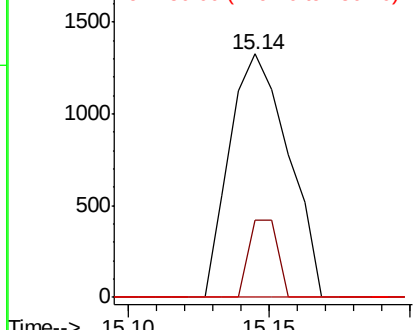
#60
Diethylphthalate
Concen: 0.033 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1919
Ion Ratio Lower Upper
149 100
177 31.5 17.7 26.5#
150 0.0 10.0 15.0#

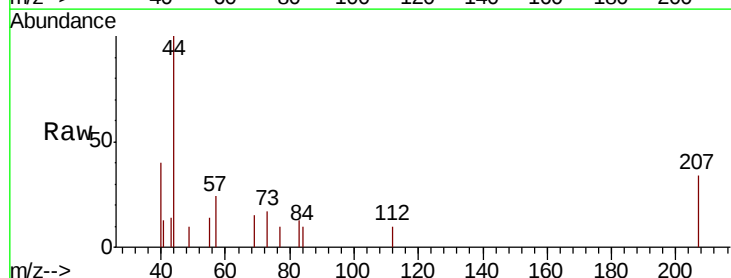


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

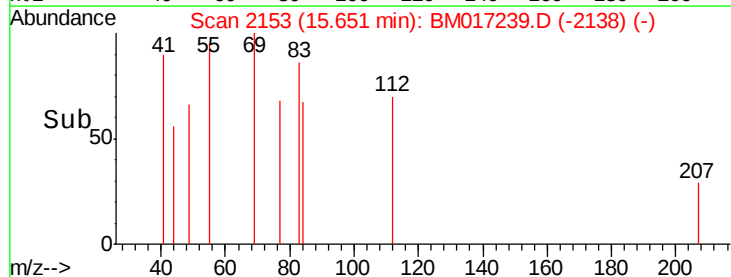
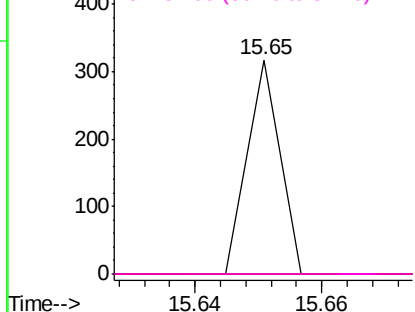


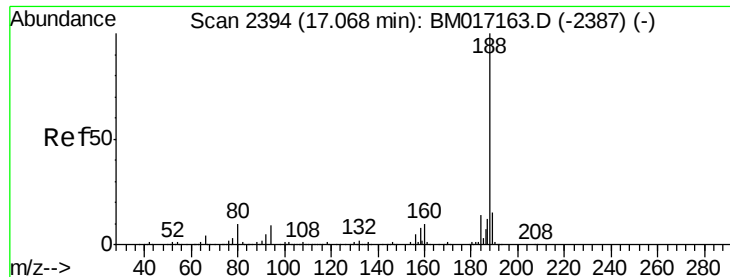
#63
Azobenzene
Concen: 0.002 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion: 77 Resp: 112
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

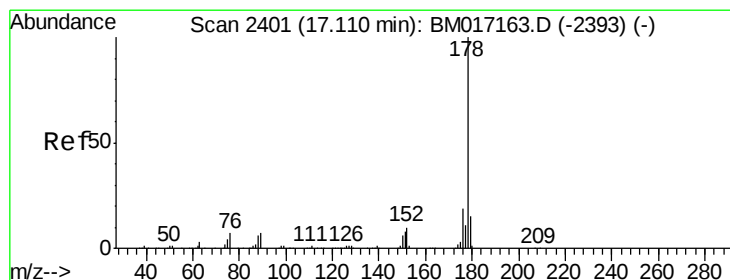
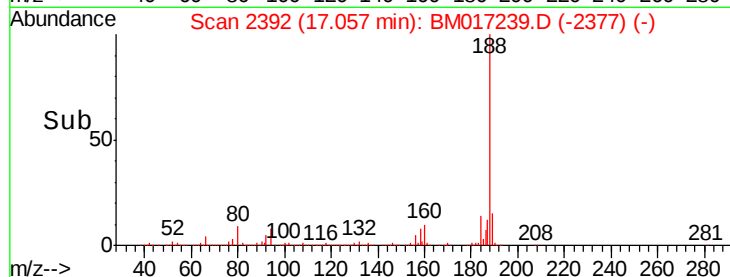
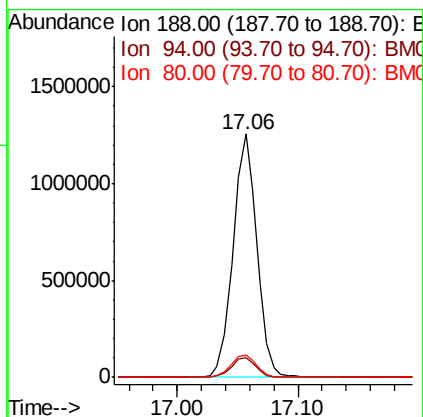
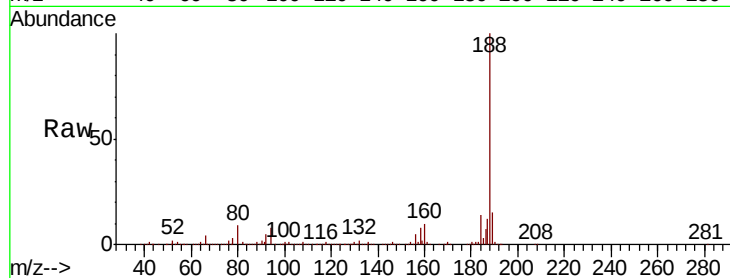




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

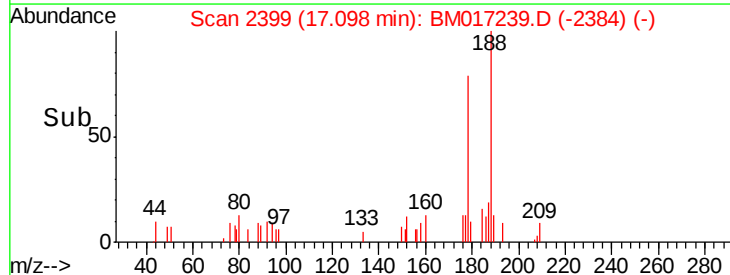
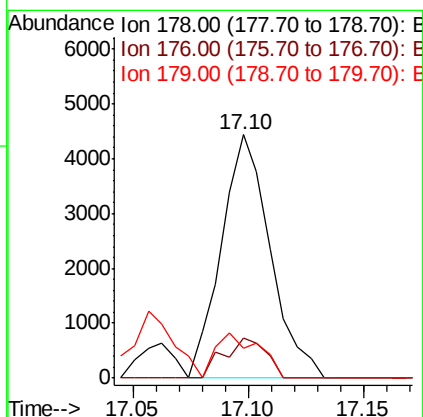
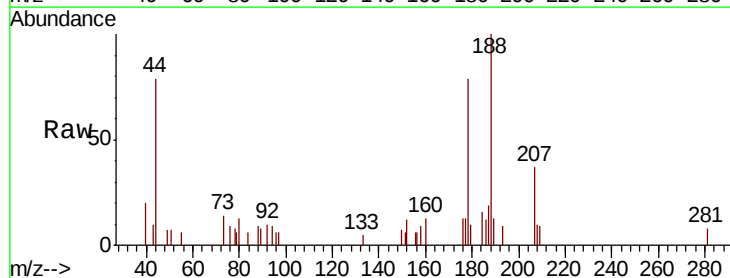
Instrument :
BNA_M
ClientSampleId :

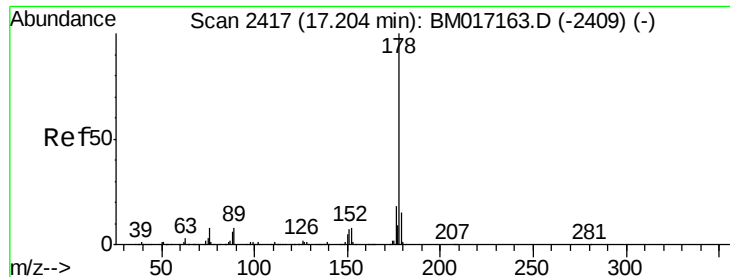
Tot Ion:188 Resp: 1727816
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.4 7.7 11.5



#71
Phenanthrene
Concen: 0.070 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion:178 Resp: 6533
Ion Ratio Lower Upper
178 100
176 16.6 15.0 22.6
179 12.4 12.3 18.5





#72

Anthracene

Concen: 0.013 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampled :

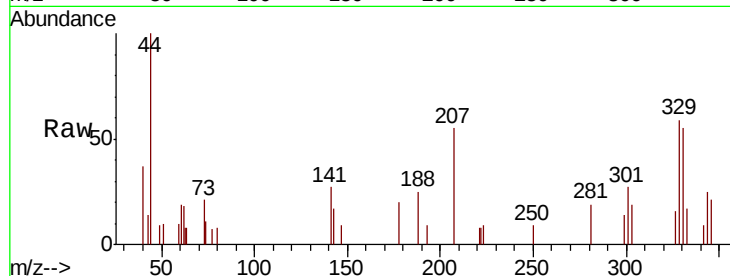
Tot Ion:178 Resp: 1110

Ion Ratio Lower Upper

178 100

176 0.0 14.5 21.7#

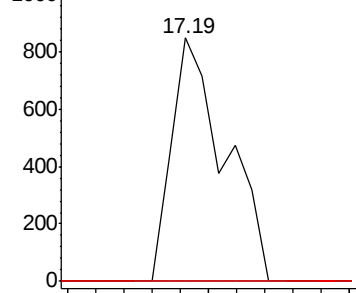
179 0.0 12.2 18.2#



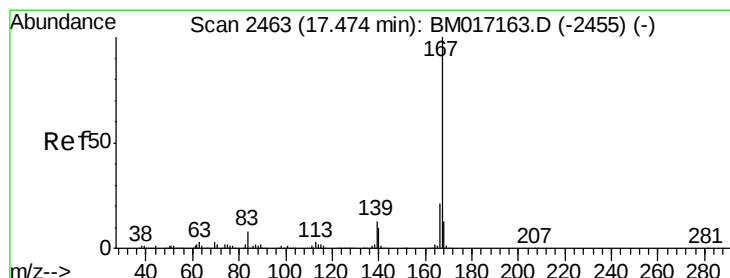
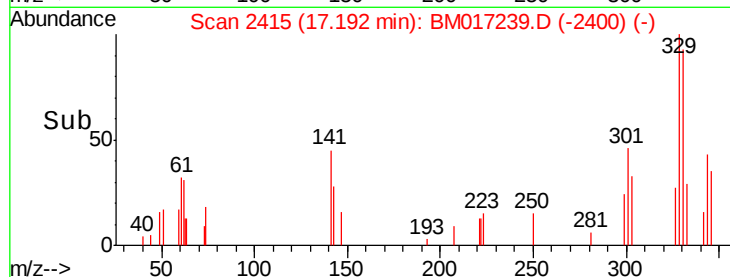
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.15 17.20



#73

Carbazole

Concen: 0.008 ng

RT: 17.49 min Scan# 2466

Delta R.T. 0.02 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

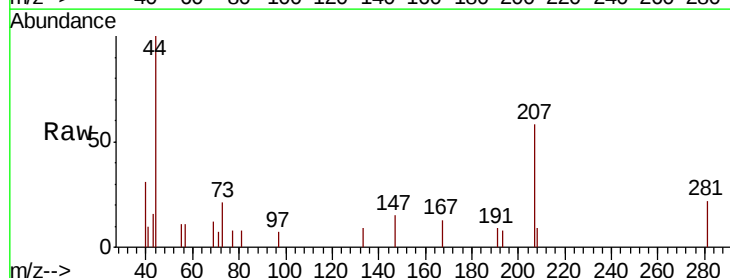
Tgt Ion:167 Resp: 765

Ion Ratio Lower Upper

167 100

166 0.0 17.1 25.7#

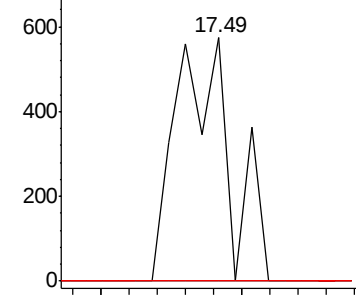
139 0.0 10.1 15.1#



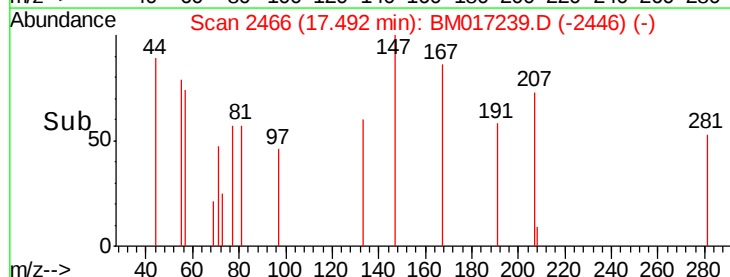
Abundance Ion 167.00 (166.70 to 167.70): E

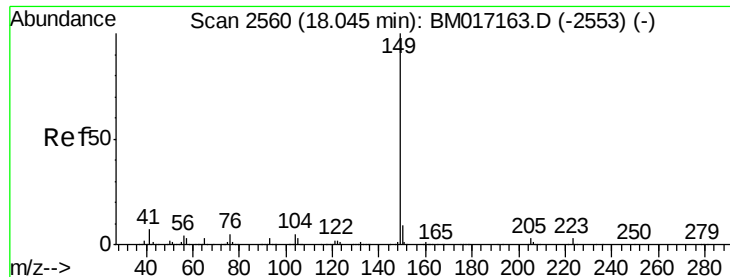
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.45 17.50

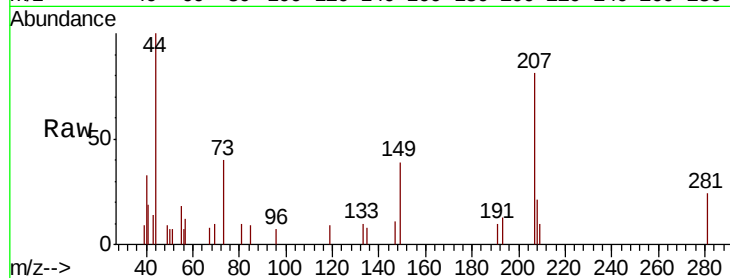




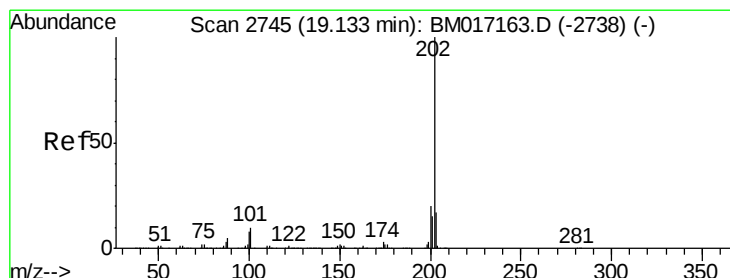
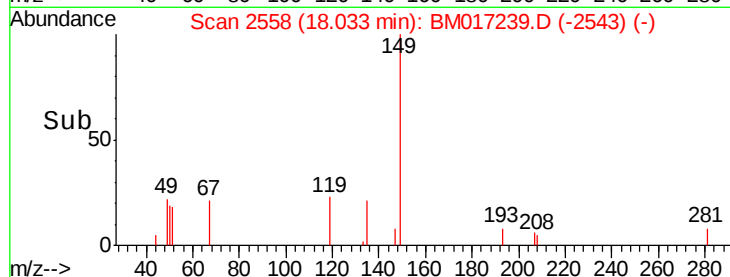
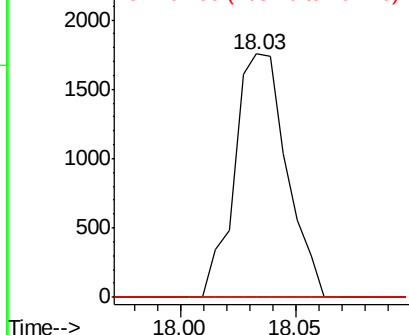
#74
Di-n-butylphthalate
Concen: 0.029 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2763
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.3 6.5#

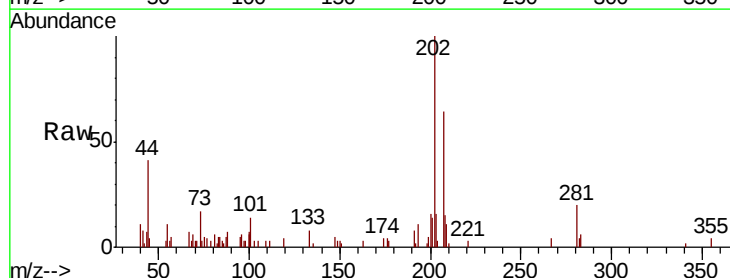


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

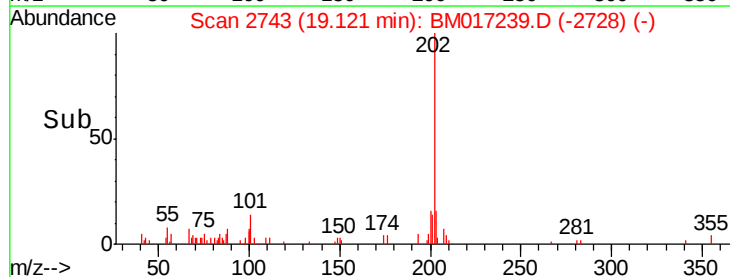
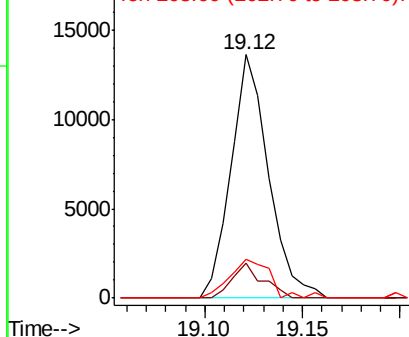


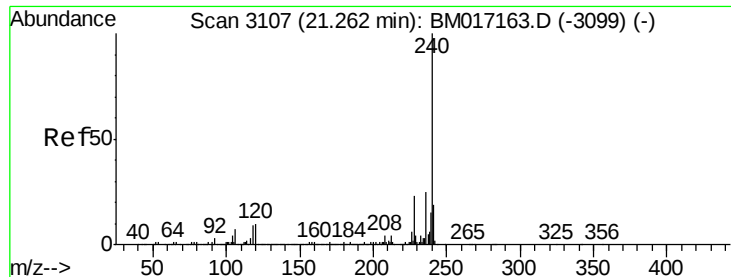
#75
Fluoranthene
Concen: 0.173 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion:202 Resp: 18161
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.0
203 16.1 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

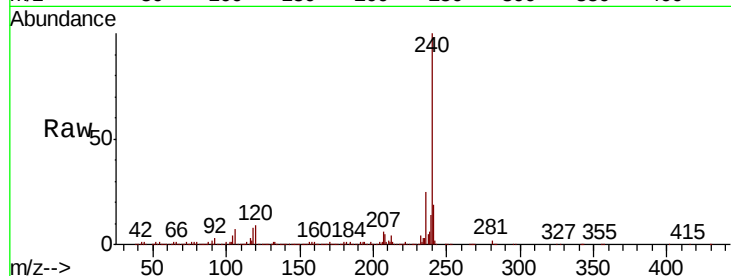




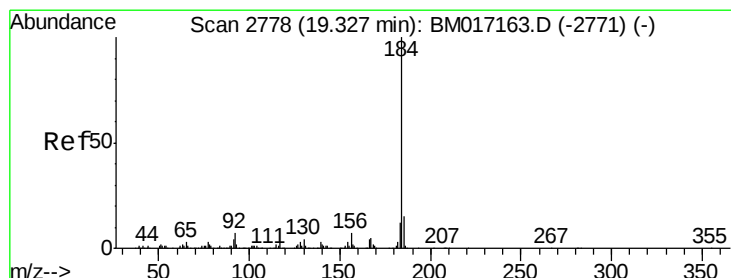
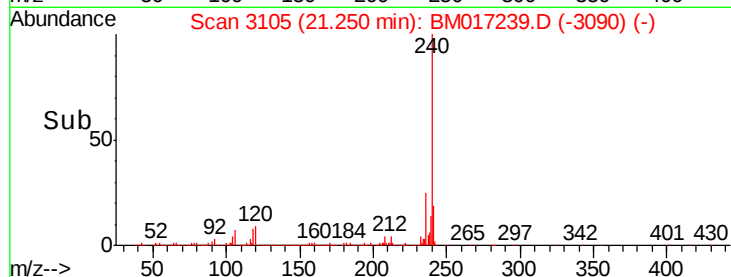
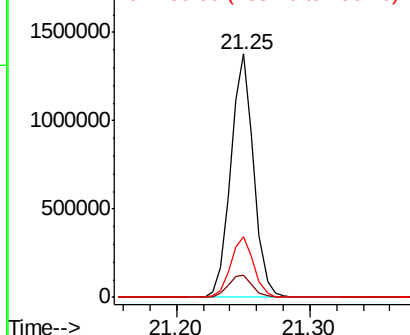
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 1650083
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 25.0 19.9 29.9

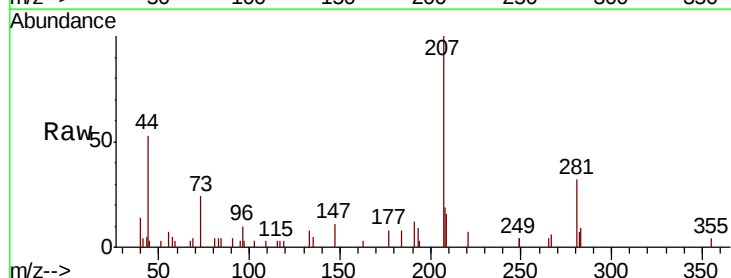


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

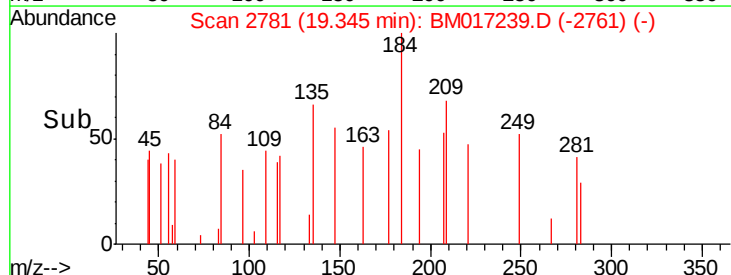
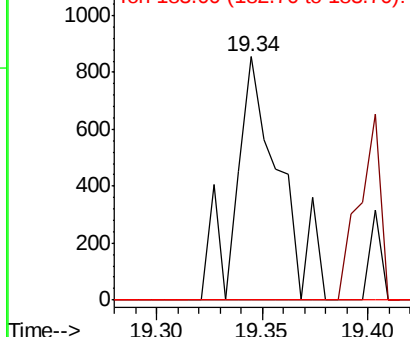


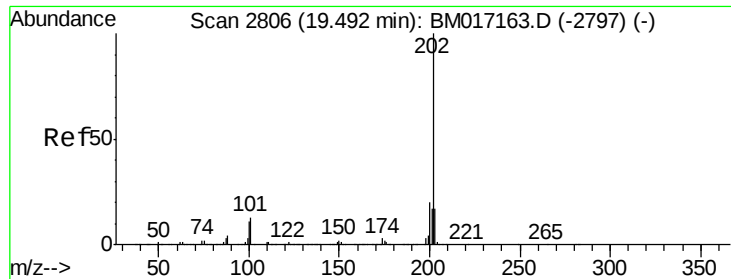
#77
Benzidine
Concen: 0.030 ng
RT: 19.34 min Scan# 2781
Delta R.T. 0.02 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion:184 Resp: 1252
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

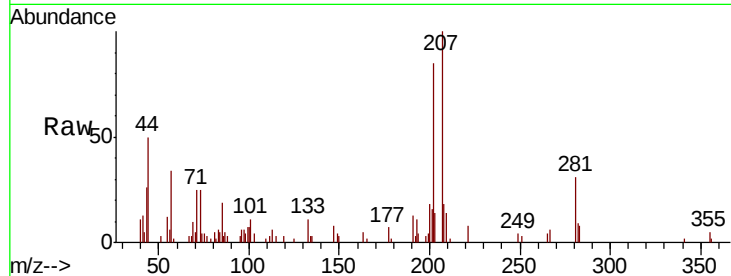




#78
Pvrene
Concen: 0.163 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	16.9	13.9	20.9

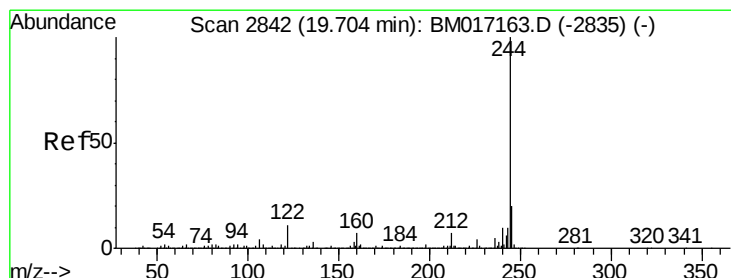
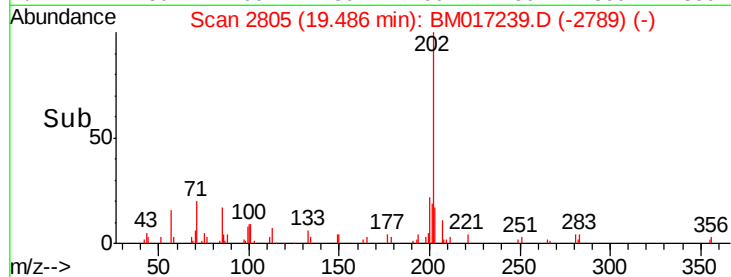
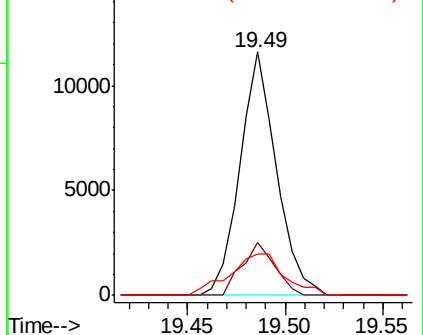


Abundance

Ion 202.00 (201.70 to 202.70): E

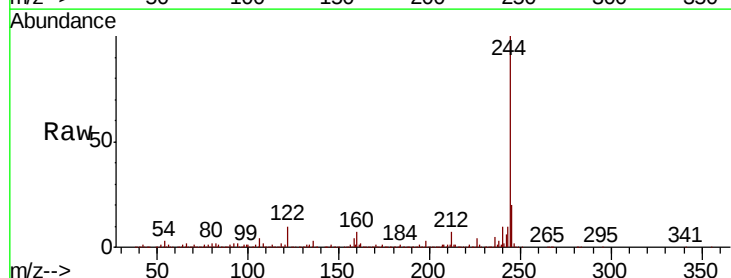
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 48.931 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.5	8.4	12.6

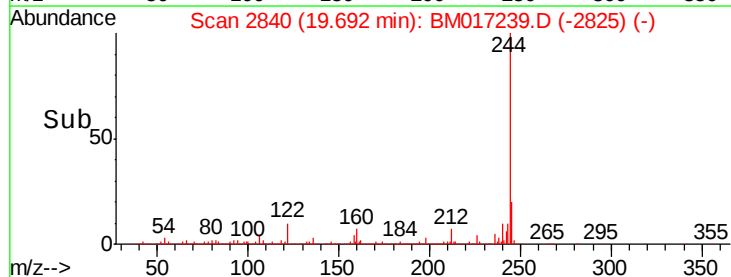
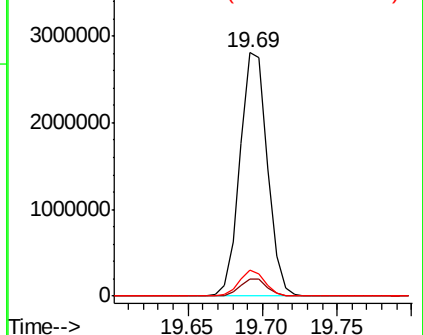


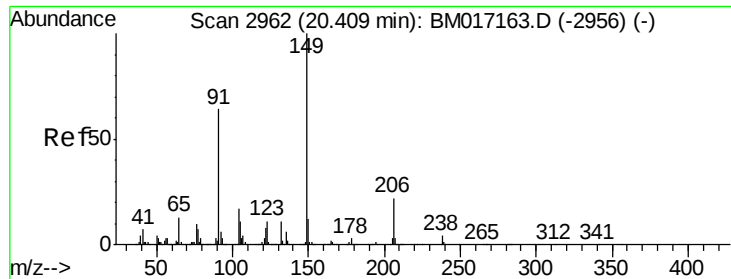
Abundance

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

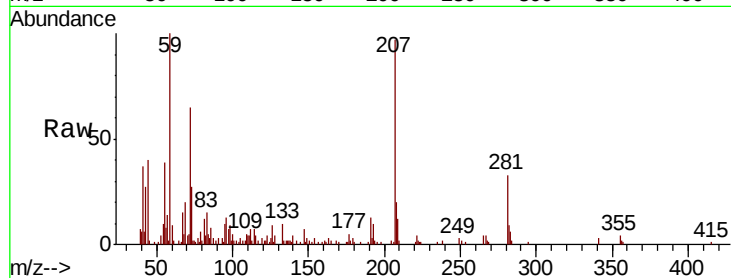




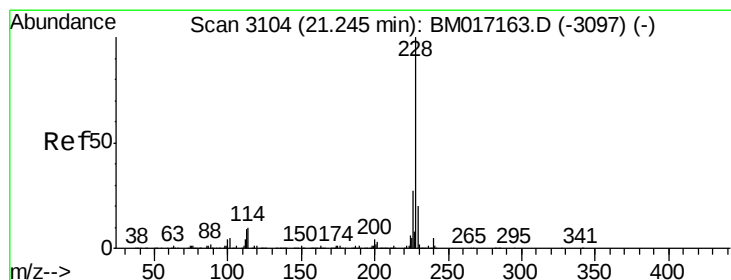
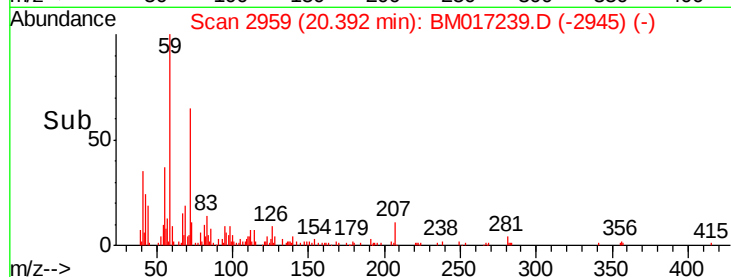
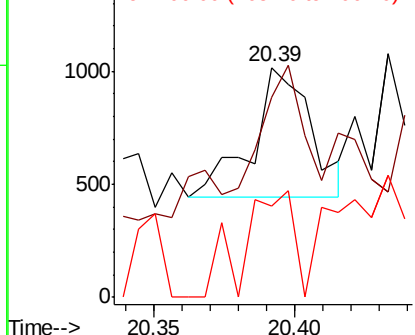
#80
Butylbenzylphthalate
Concen: 7.196 ng
RT: 20.39 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 819
Ion Ratio Lower Upper
149 100
91 87.0 51.3 76.9#
206 39.9 18.0 27.0#

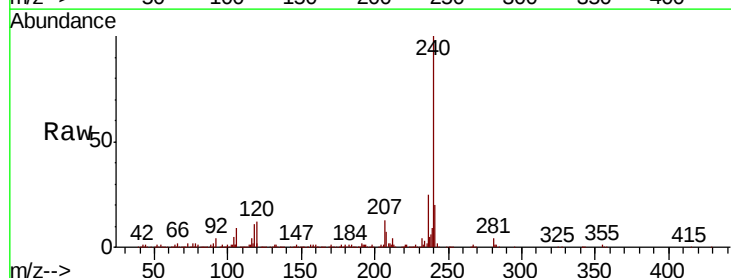


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

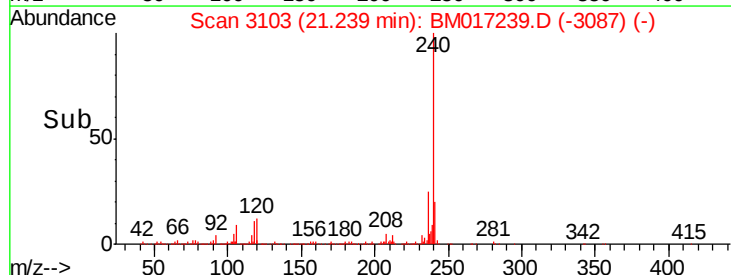
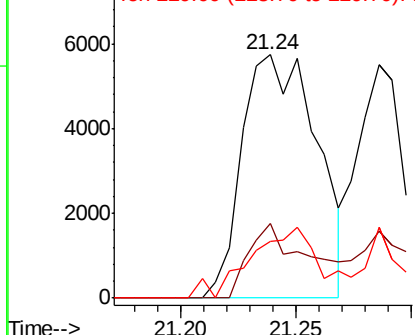


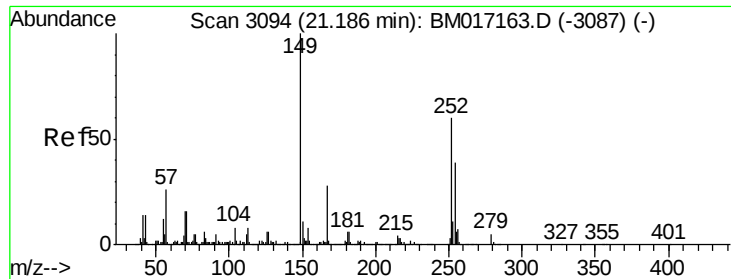
#81
Benzo(a)anthracene
Concen: 0.139 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion:228 Resp: 12950
Ion Ratio Lower Upper
228 100
226 30.5 21.4 32.0
229 23.3 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

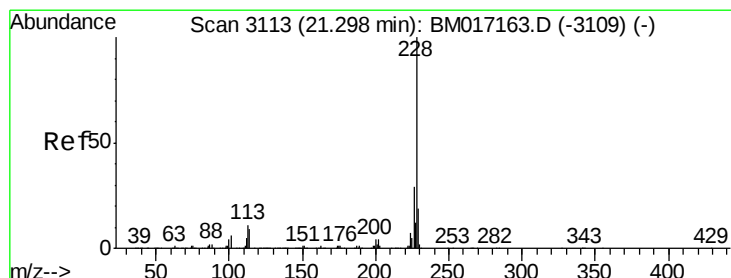
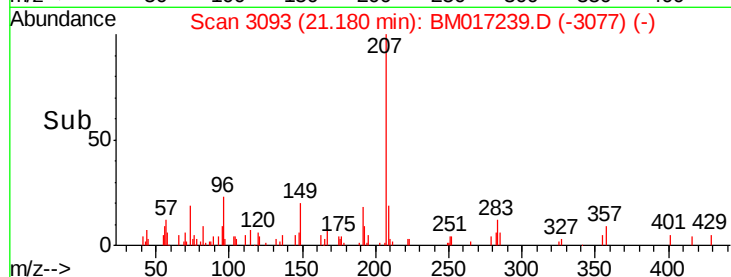
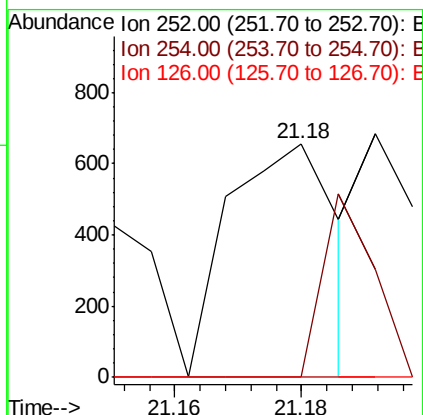
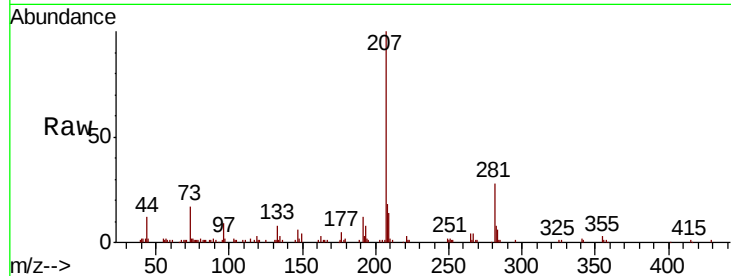




#82
 3,3'-Dichlorobenzidine
 Concen: 0.022 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

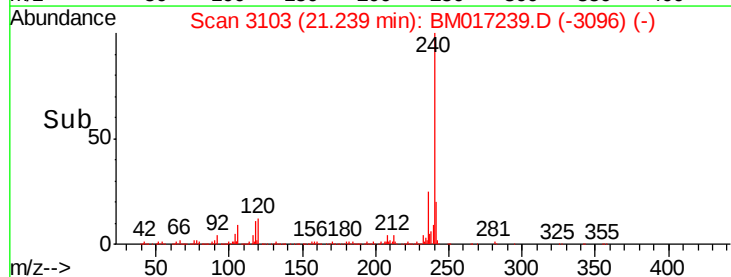
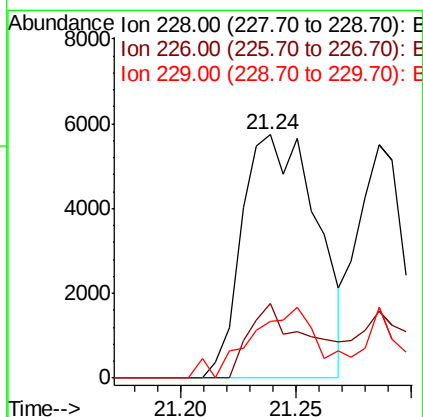
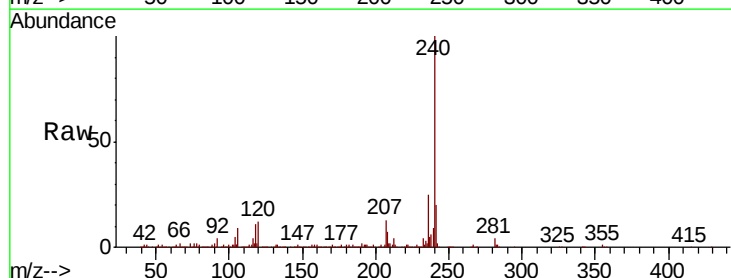
Instrument :
 BNA_M
 ClientSampleId :

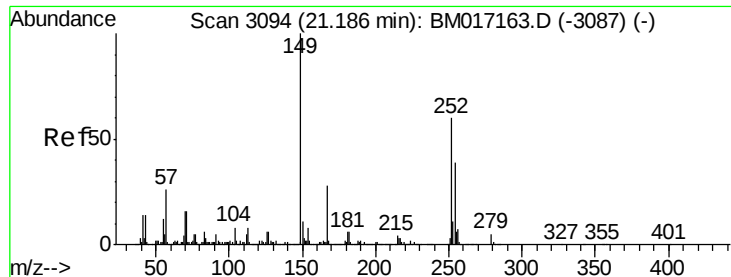
Tot Ion:252 Resp: 773
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.1 78.1#
 126 0.0 8.6 12.8#



#83
 Chrysene
 Concen: 0.141 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.06 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Tgt Ion:228 Resp: 12950
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.3 34.9
 229 23.3 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.368 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampleId :

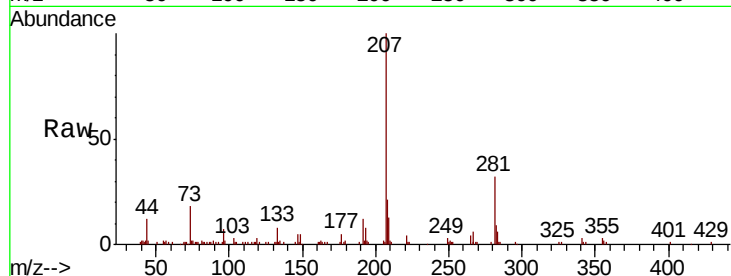
Tot Ion:149 Resp: 3613

Ion Ratio Lower Upper

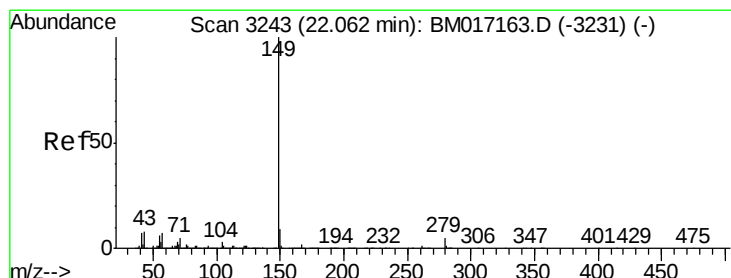
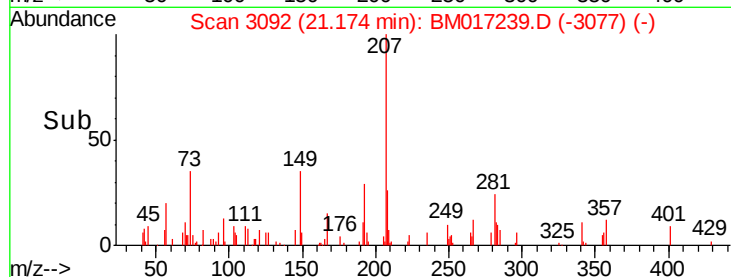
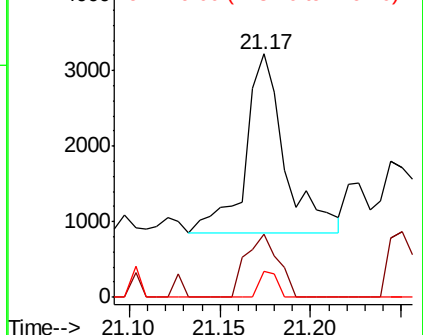
149 100

167 26.0 22.2 33.4

279 10.6 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: 5.578 ng

RT: 22.07 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

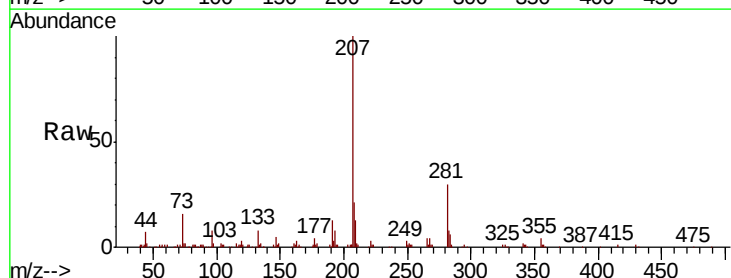
Tgt Ion:149 Resp: 675

Ion Ratio Lower Upper

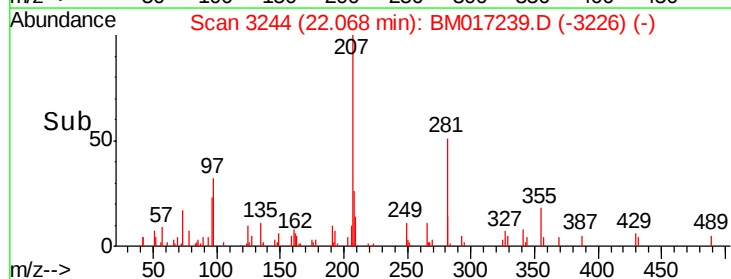
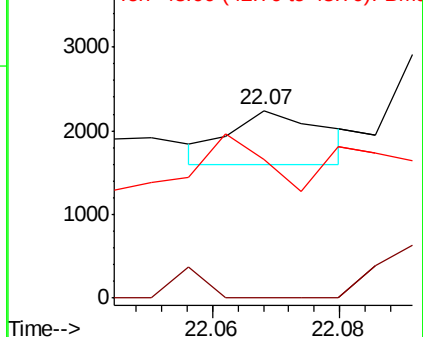
149 100

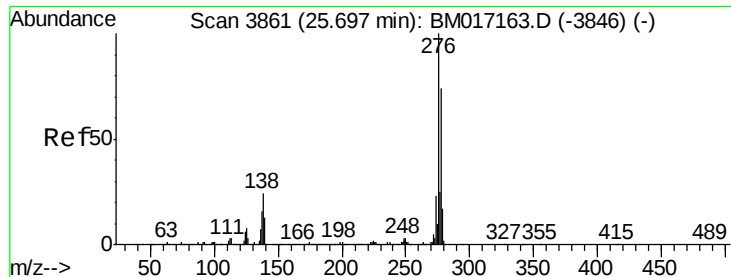
167 19.4 1.4 2.0#

43 71.4 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

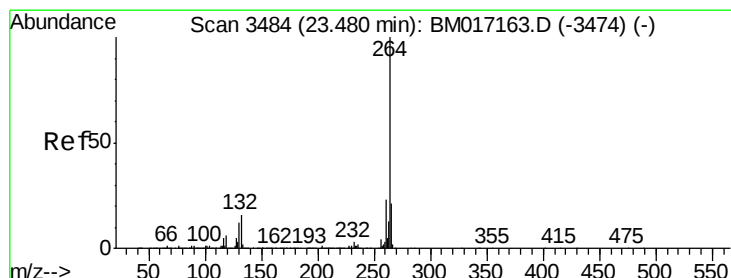
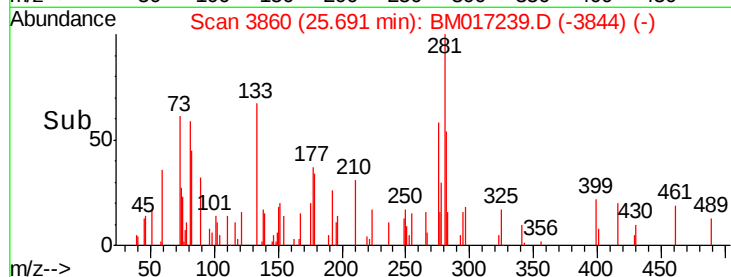
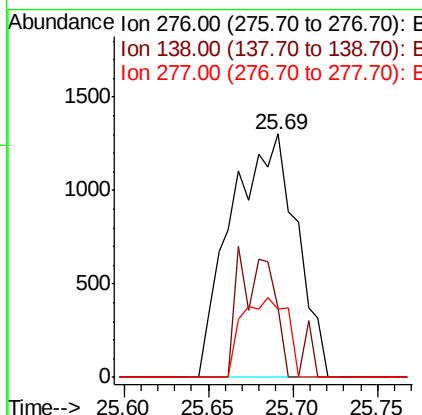
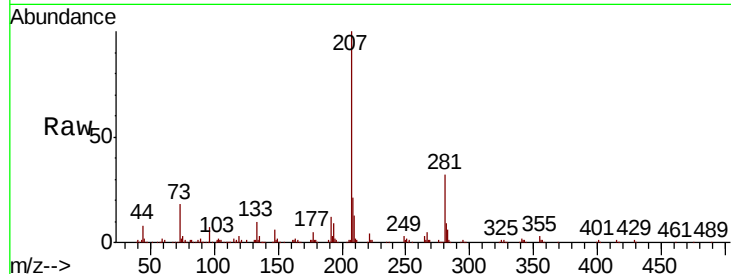




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.034 ng
 RT: 25.69 min Scan# 3860
 Delta R.T. -0.01 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

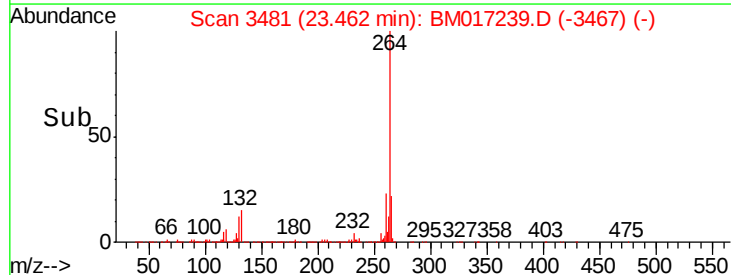
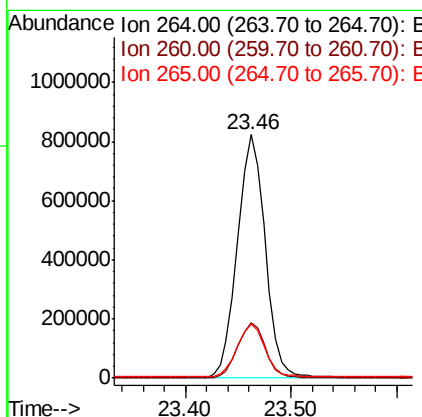
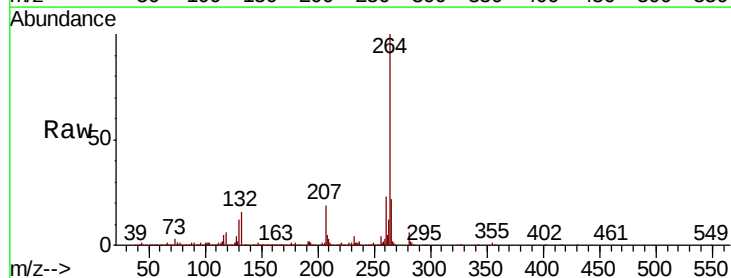
Instrument :
 BNA_M
 ClientSampled :

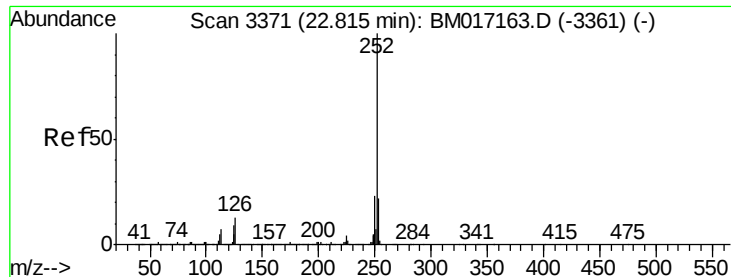
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.5	29.3#
277	22.4	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017239.D
 Acq: 19 Oct 2018 20:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.1	17.8	26.8

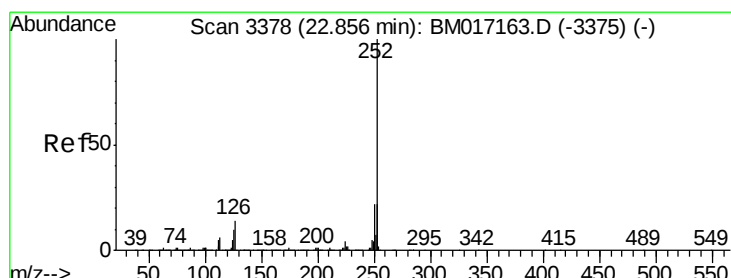
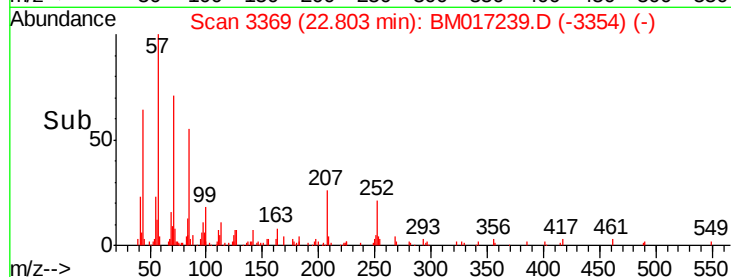
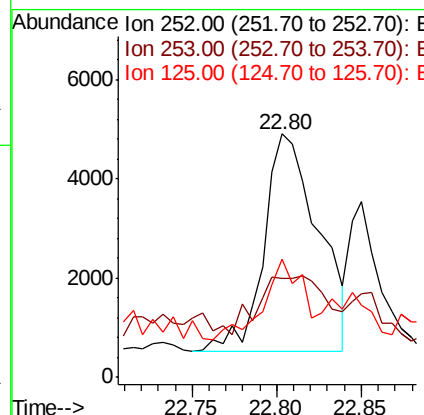
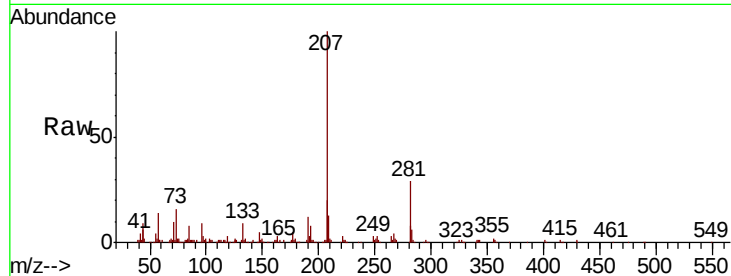




#88
Benzo(b)fluoranthene
Concen: 0.118 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

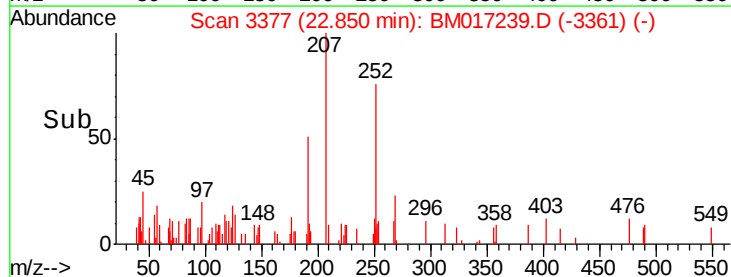
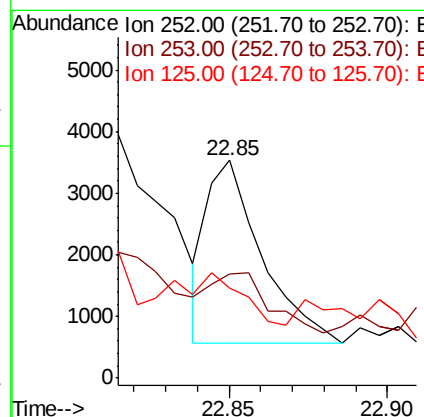
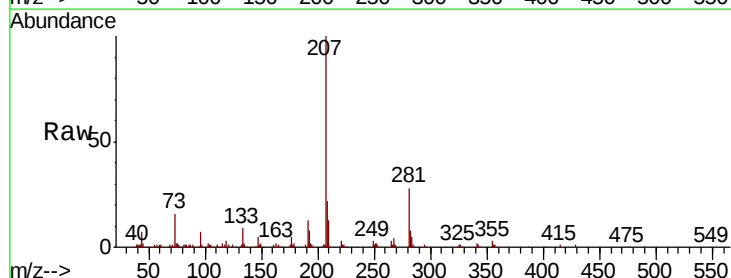
Instrument :
BNA_M
ClientSampleId :

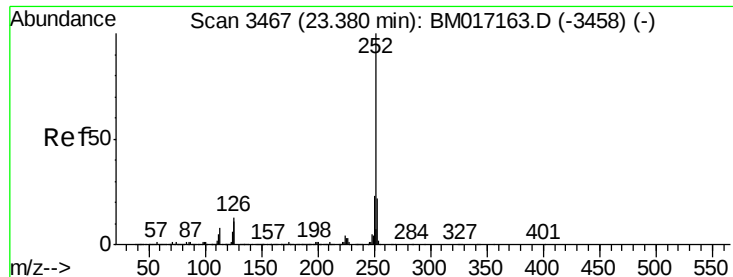
Tot Ion:252 Resp: 9701
Ion Ratio Lower Upper
252 100
253 40.8 17.4 26.2#
125 48.4 7.5 11.3#



#89
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017239.D
Acq: 19 Oct 2018 20:41

Tgt Ion:252 Resp: 3553
Ion Ratio Lower Upper
252 100
253 47.7 17.5 26.3#
125 41.2 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 0.070 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampled :

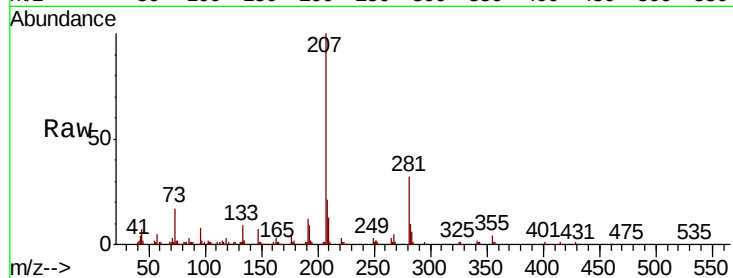
Tot Ion:252 Resp: 5454

Ion Ratio Lower Upper

252 100

253 51.8 17.4 26.0#

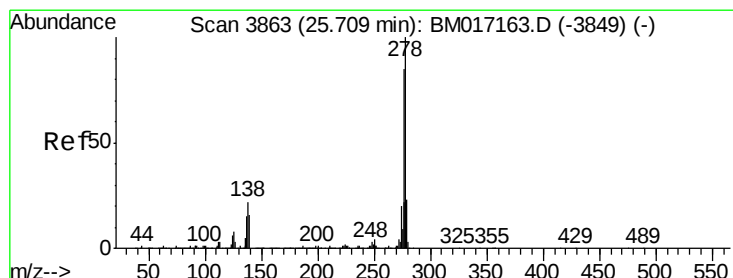
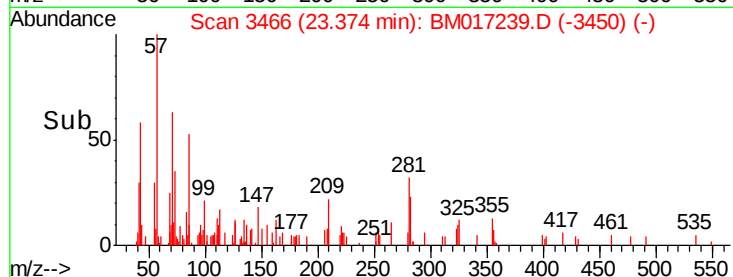
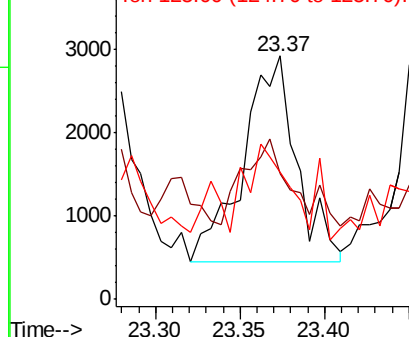
125 52.2 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.009 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.03 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

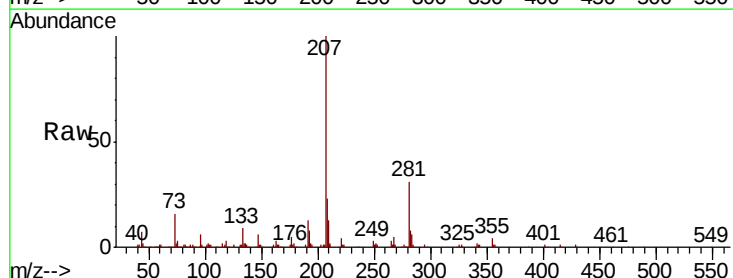
Tgt Ion:278 Resp: 690

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

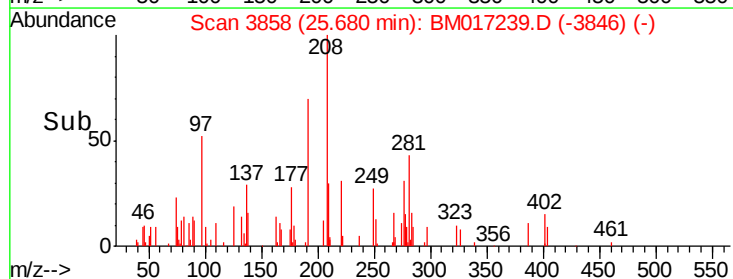
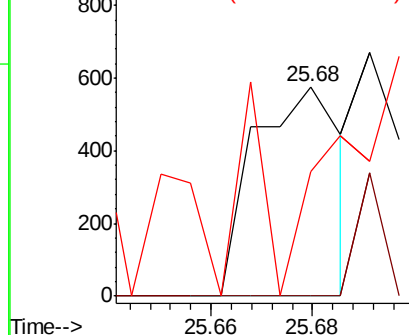
279 59.3 18.7 28.1#

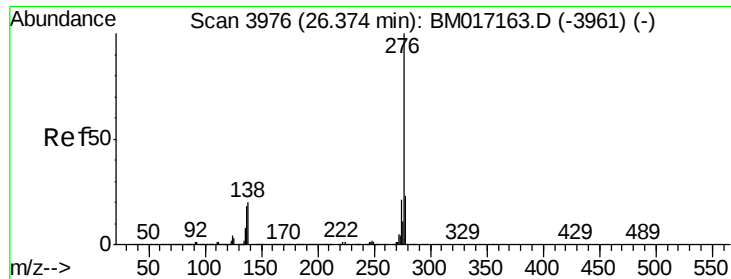


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.036 ng

RT: 26.36 min Scan# 3973

Delta R.T. -0.02 min

Lab File: BM017239.D

Acq: 19 Oct 2018 20:41

Instrument :

BNA_M

ClientSampleId :

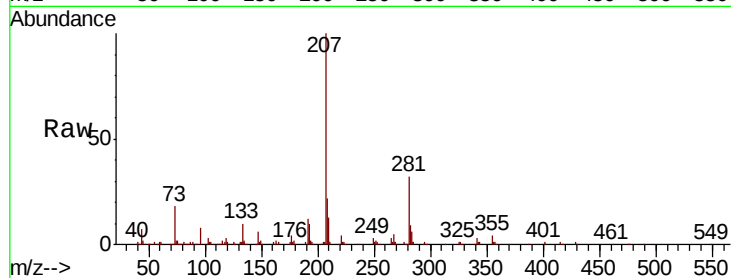
Tot Ion: 276 Resp: 2798

Ion Ratio Lower Upper

276 100

277 24.6 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

