

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017240.D
 Acq On : 19 Oct 2018 21:17
 Operator : MJ/SJ
 Sample : J5575-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:54:22 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	286874	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1162373	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	684957	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1486896	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1348795	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1233768	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2622324	154.61	ng	0.00
7) Phenol-d6	6.85	99	3590399	155.43	ng	0.00
23) Nitrobenzene-d5	8.82	82	2196900	110.54	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1436776	155.11	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5271747	102.40	ng	-0.01
79) Terphenyl-d14	19.70	244	6620264	110.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	110	0.013	ng	# 1
3) Pyridine	3.62	79	125	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.49	42	3477	0.435	ng	# 1
8) 2-Chlorophenol	7.23	128	556	0.028	ng	# 1
9) Benzaldehyde	6.85	77	9794	0.665	ng	# 1
10) Phenol	6.87	94	172201	6.926	ng	94
15) Benzyl Alcohol	7.98	79	29813	1.766	ng	# 51
22) Acetophenone	8.48	105	5576	0.189	ng	# 90
24) Nitrobenzene	8.87	77	243	0.012	ng	# 36
25) Isophorone	9.39	82	112	0.003	ng	# 63
31) Naphthalene	10.49	128	1333	0.023	ng	# 69
32) Benzoic acid	9.73	122	346	0.032	ng	# 1
46) 1,1'-Biphenyl	13.14	154	7967	0.129	ng	98
49) Acenaphthylene	14.03	152	3572	0.054	ng	98
50) Dimethylphthalate	13.77	163	556254	10.526	ng	100
52) Acenaphthene	14.37	154	2077	0.050	ng	84
55) Dibenzofuran	14.71	168	3563	0.052	ng	93
58) Fluorene	15.36	166	5160	0.102	ng	98
60) Diethylphthalate	15.14	149	2679	0.051	ng	# 82
63) Azobenzene	15.67	77	240	0.005	ng	# 2
71) Phenanthrene	17.10	178	79682	0.993	ng	98
72) Anthracene	17.19	178	13967	0.183	ng	# 87
73) Carbazole	17.47	167	7032	0.090	ng	# 91
74) Di-n-butylphthalate	18.03	149	7091	0.086	ng	# 90
75) Fluoranthene	19.12	202	155907	1.727	ng	98
78) Pyrene	19.48	202	112596	1.494	ng	98
80) Butylbenzylphthalate	20.40	149	2277	7.243	ng	# 51
81) Benzo(a)anthracene	21.23	228	37571	0.495	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1225	0.043	ng	# 25
83) Chrysene	21.29	228	45220	0.602	ng	97
84) Bis(2-ethylhexyl)phthalate	21.17	149	3024	5.369	ng	# 88
85) Di-n-octyl phthalate	22.03	149	1503	5.589	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.67	276	12866	0.153	ng	94
88) Benzo(b)fluoranthene	22.80	252	52639	0.780	ng	# 88

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

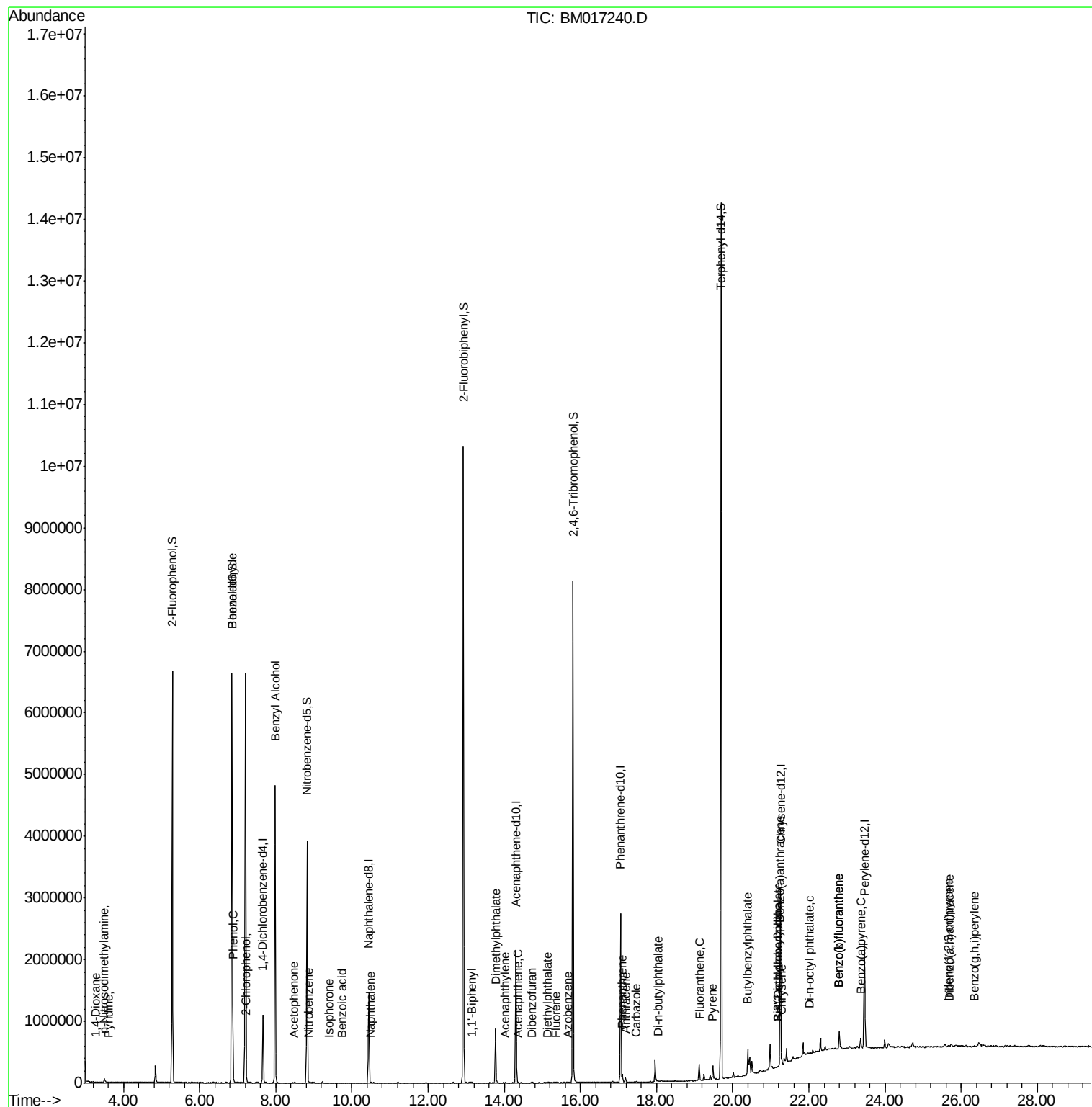
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.80	252	52639	0.778	ng	# 89
90) Benzo(a)pyrene	23.36	252	15133	0.236	ng	# 79
91) Dibenzo(a,h)anthracene	25.69	278	1796	0.028	ng	# 34
92) Benzo(g,h,i)perylene	26.35	276	10926	0.173	ng	# 82

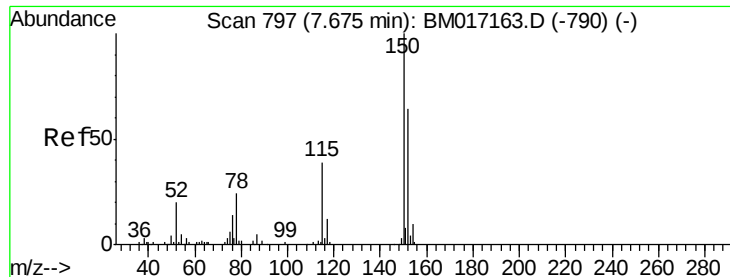
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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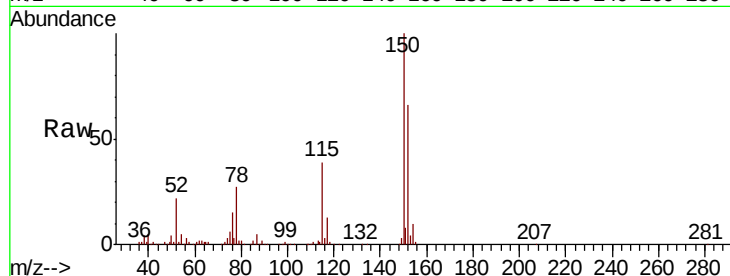


#1

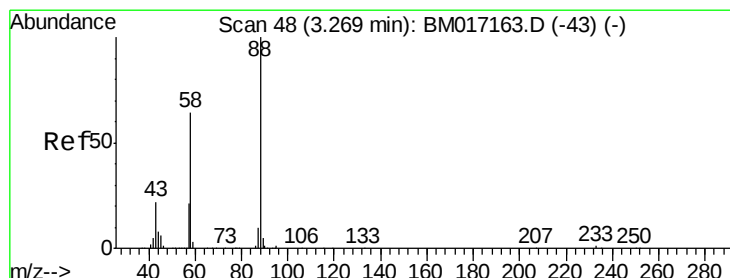
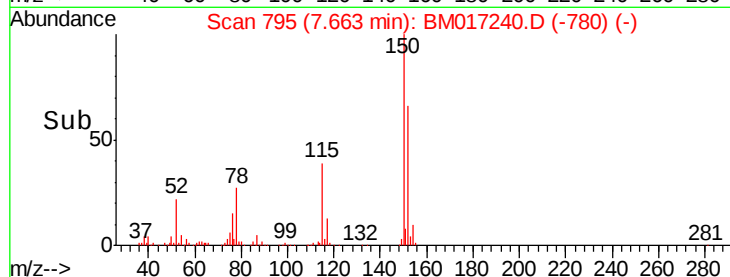
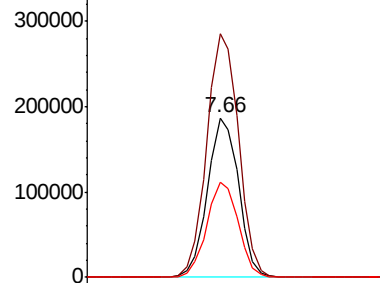
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.3	186.5
115	59.9	48.1	72.1



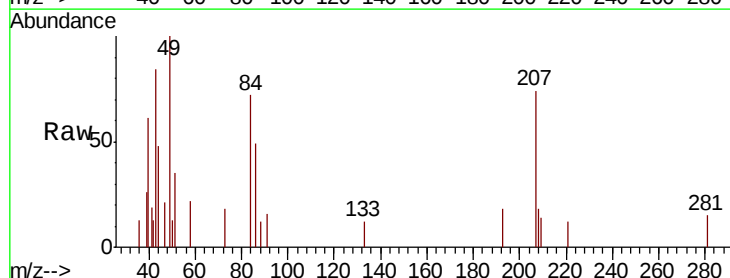
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



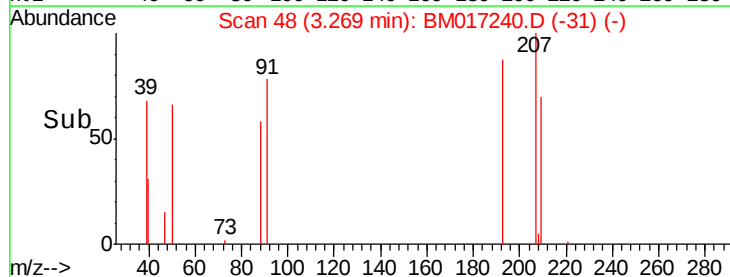
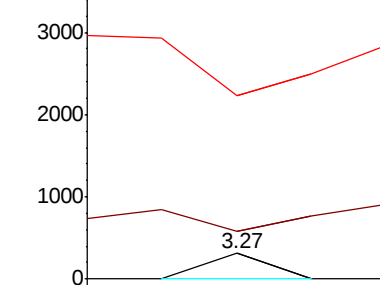
#2

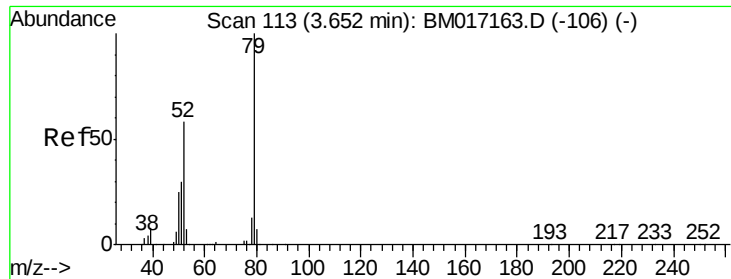
1,4-Dioxane
Concen: 0.013 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	136.4	50.2	75.4#
43	569.1	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: 3.62 min Scan# 107

Delta R.T. -0.04 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

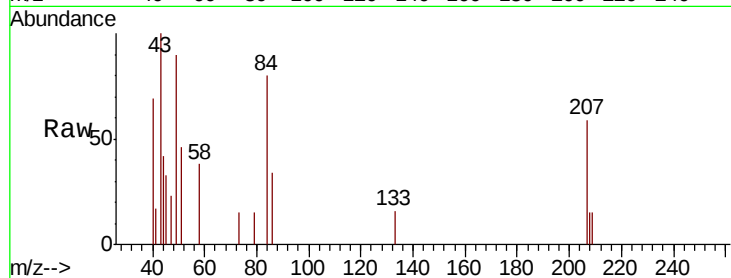
Tot Ion: 79 Resp: 125

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

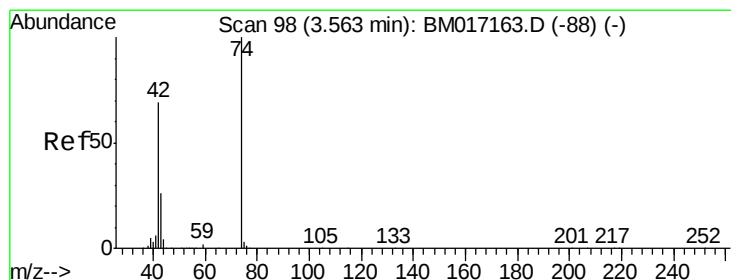
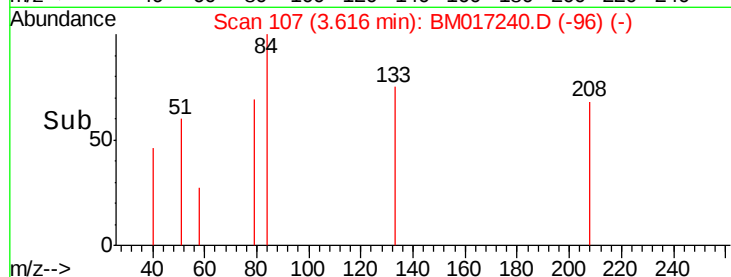
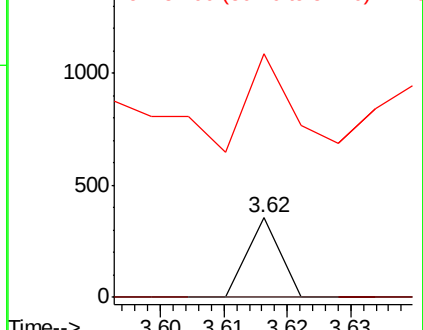
51 305.9 24.6 37.0#



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: 0.435 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.07 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

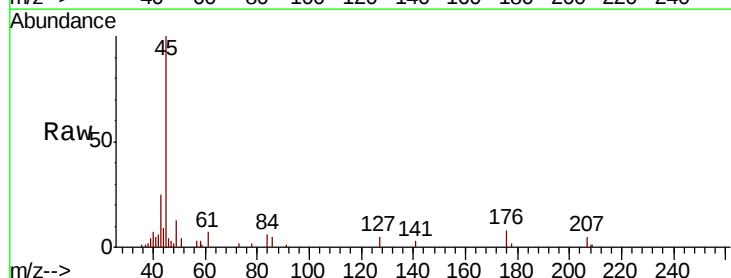
Tgt Ion: 42 Resp: 3477

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

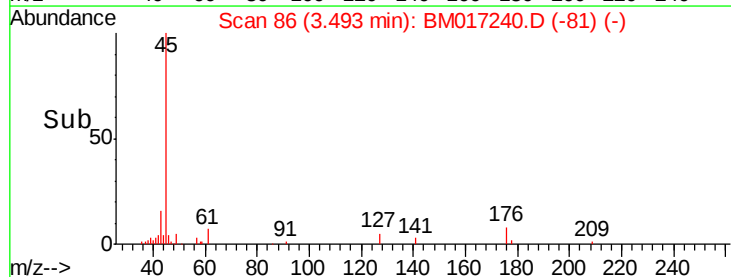
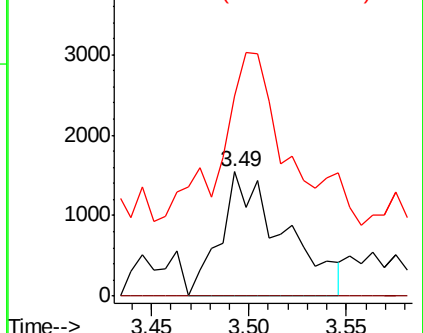
44 161.3 48.6 73.0#

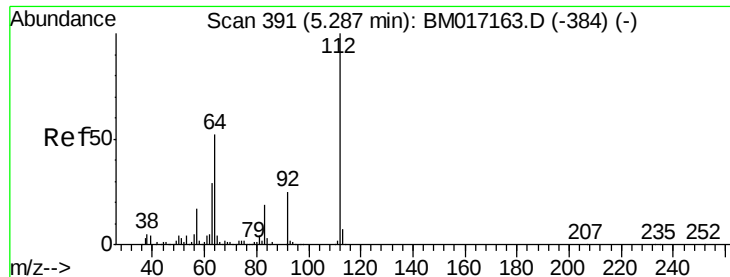


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 154.605 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

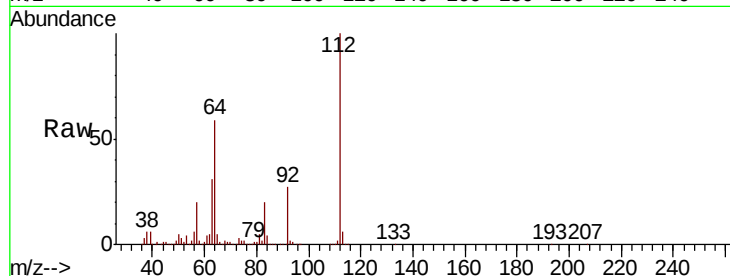
Tot Ion:112 Resp: 2622324

Ion Ratio Lower Upper

112 100

64 59.5 41.7 62.5

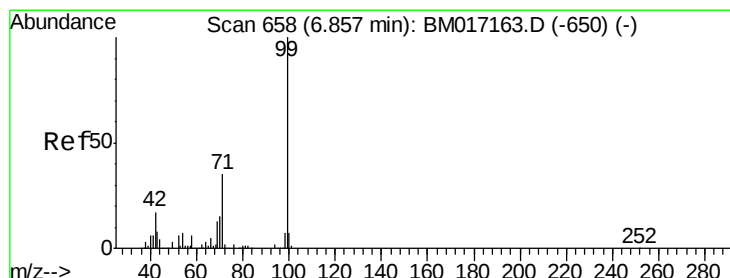
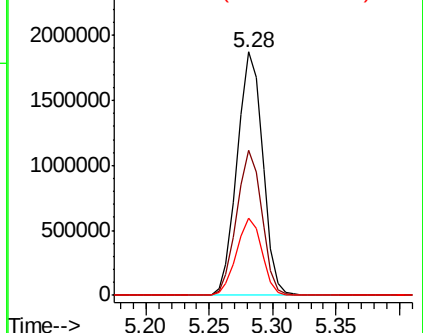
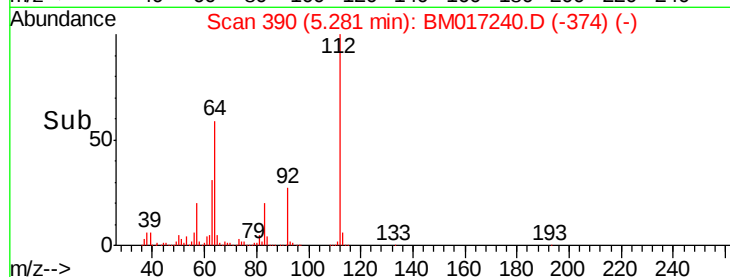
63 31.5 23.0 34.4



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: 155.425 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

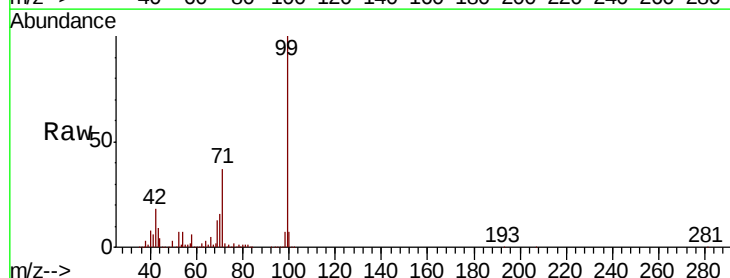
Tgt Ion: 99 Resp: 3590399

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

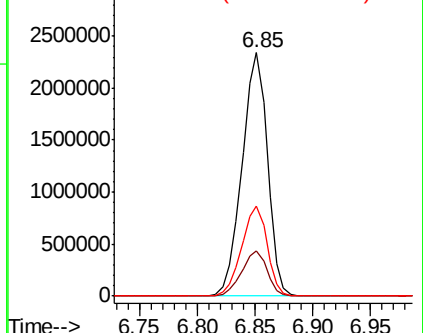
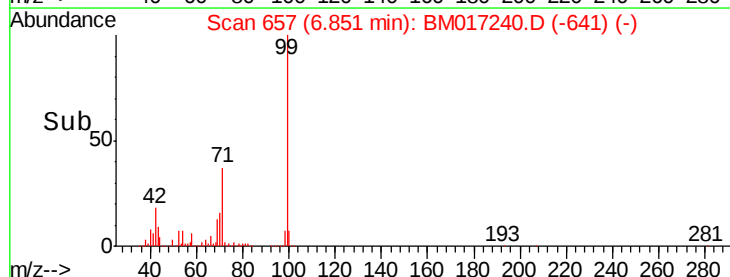
71 36.9 28.0 42.0

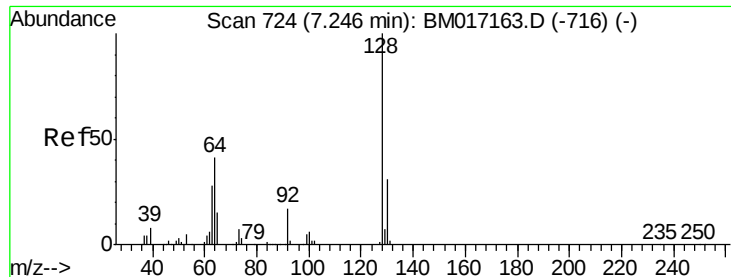


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.028 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

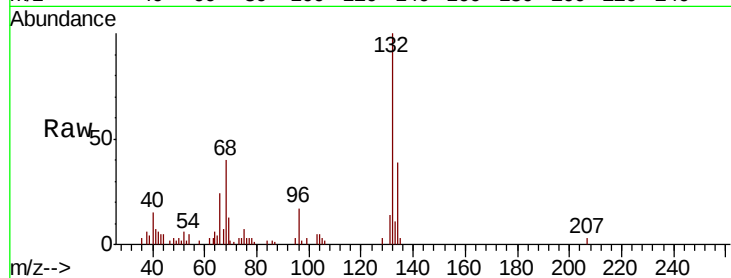
Tot Ion:128 Resp: 556

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

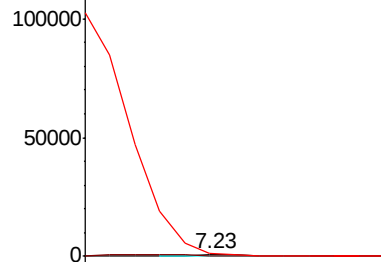
64 187.9 24.1 64.1#



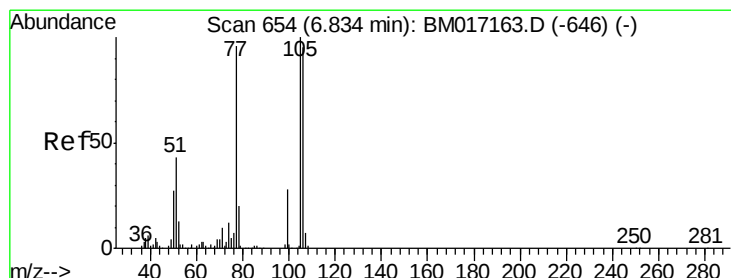
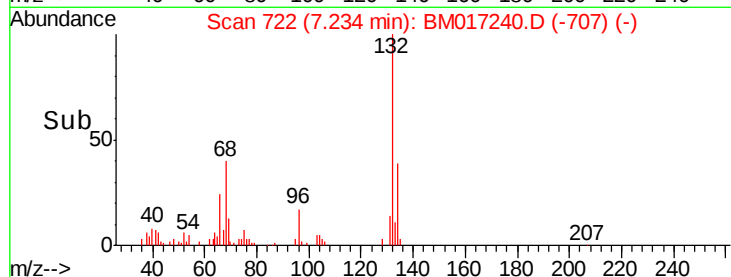
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



Time-->



#9

Benzaldehyde

Concen: 0.665 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

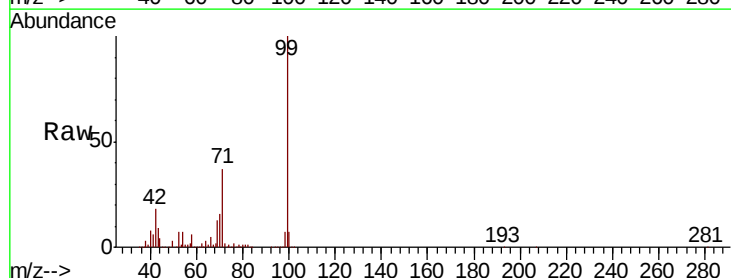
Tgt Ion: 77 Resp: 9794

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

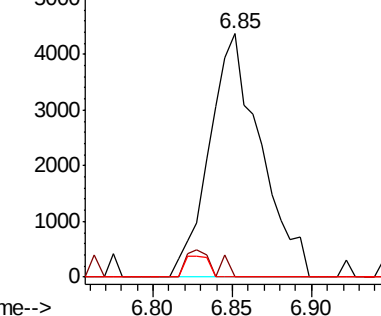
106 0.0 78.2 118.2#



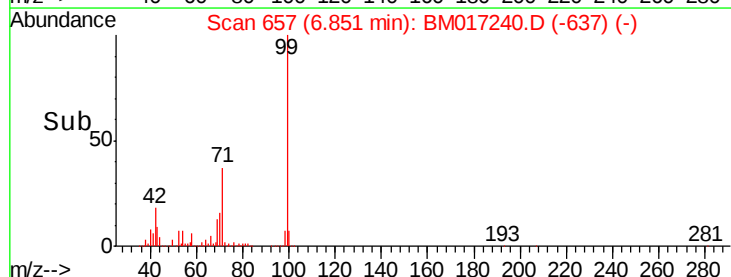
Abundance Ion 77.00 (76.70 to 77.70): BM

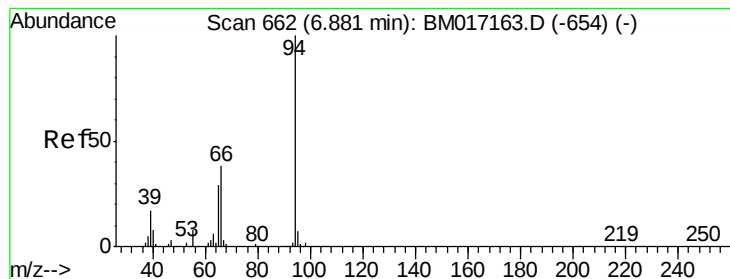
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





#10

Phenol

Concen: 6.926 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

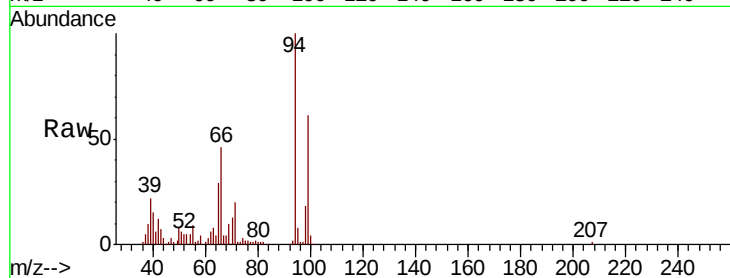
Tot Ion: 94 Resp: 172201

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 45.6 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) (-)

6.87

150000

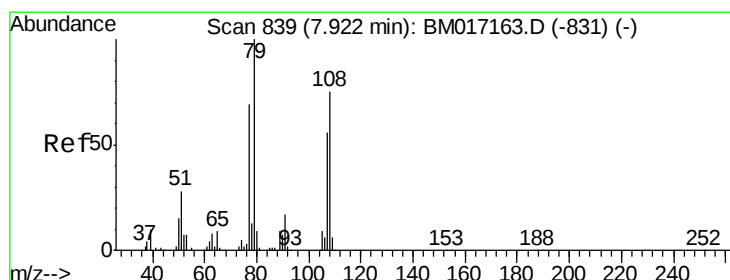
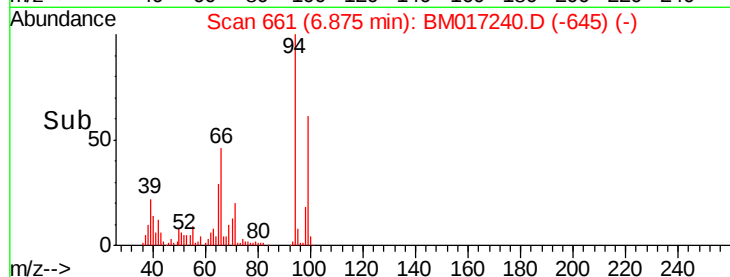
100000

50000

0

6.80 6.85 6.90 6.95

Time-->



#15

Benzyl Alcohol

Concen: 1.766 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

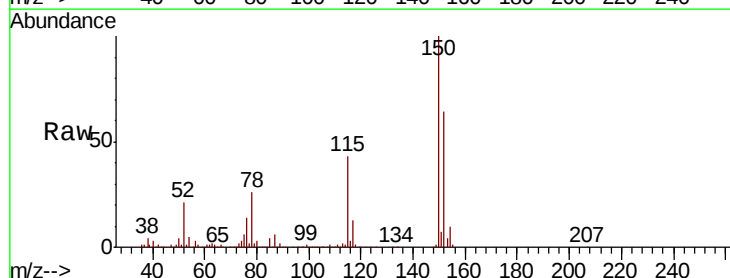
Tgt Ion: 79 Resp: 29813

Ion Ratio Lower Upper

79 100

108 30.6 60.3 90.5#

77 106.0 54.8 82.2#



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

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

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

7.98

30000

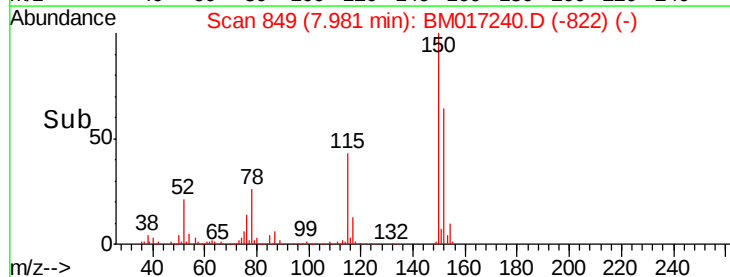
20000

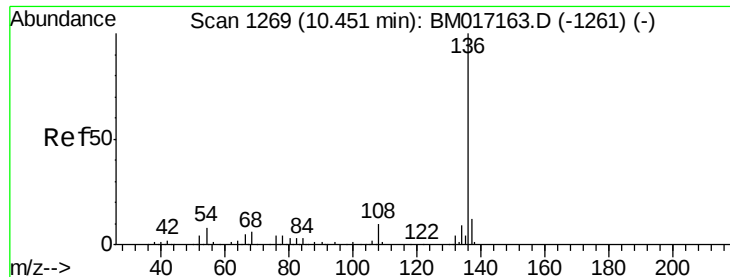
10000

0

7.94 7.96 7.98 8.00

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1162373

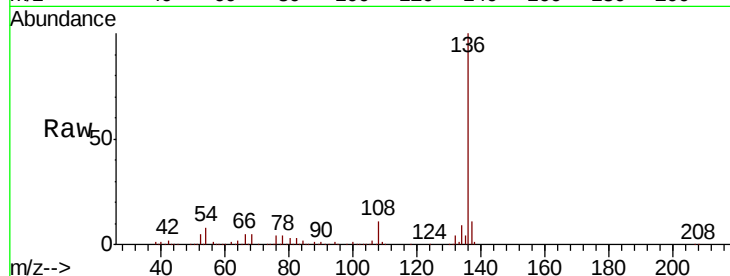
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 6.7 10.1

68 5.4 4.7 7.1

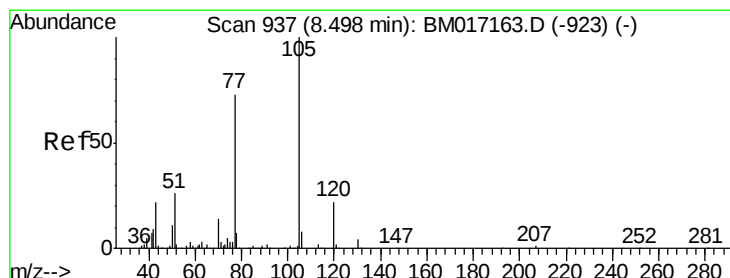
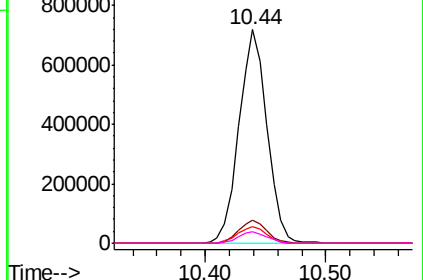
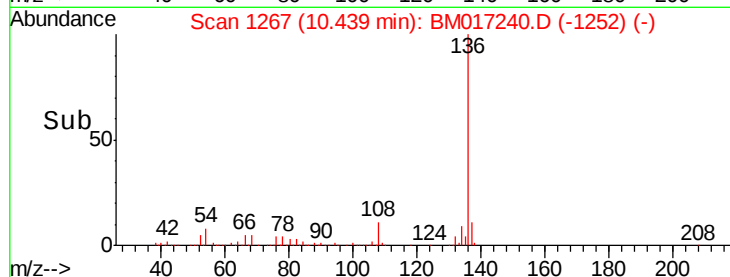


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.189 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Tgt Ion:105 Resp: 5576

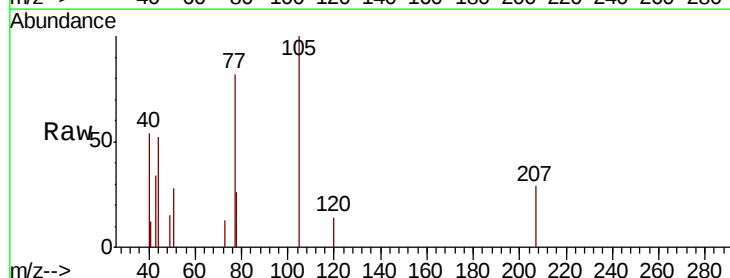
Ion Ratio Lower Upper

105 100

71 0.0 2.0 3.0#

51 28.1 20.6 31.0

120 13.9 17.5 26.3#

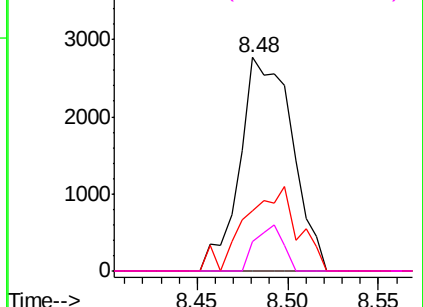
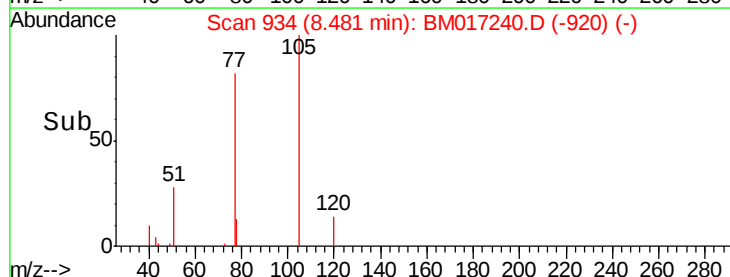


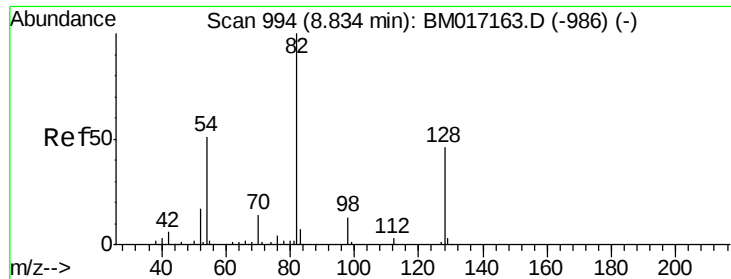
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



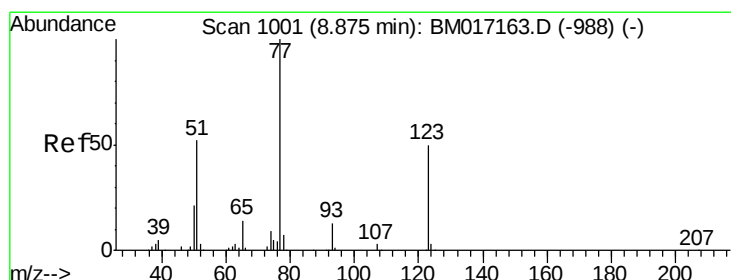
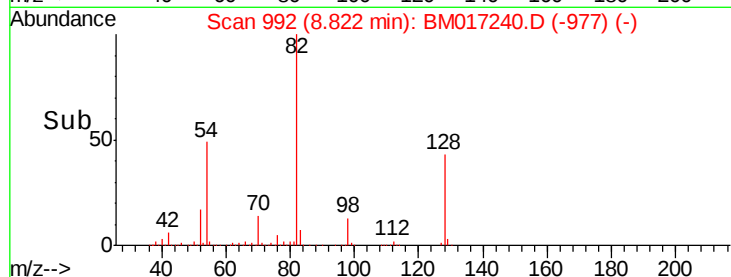
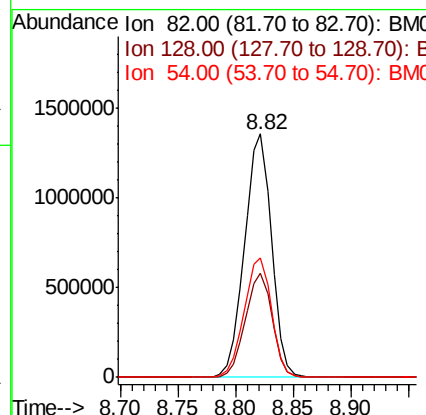
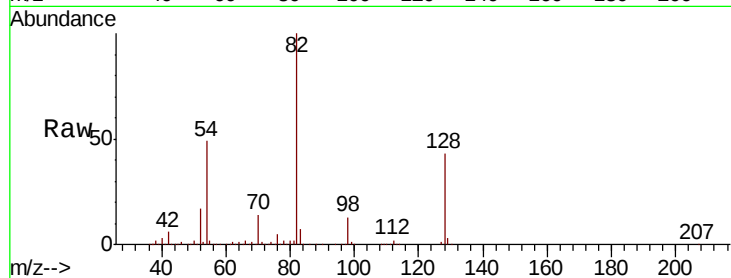


#23
 Nitrobenzene-d5
 Concen: 110.539 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2196900

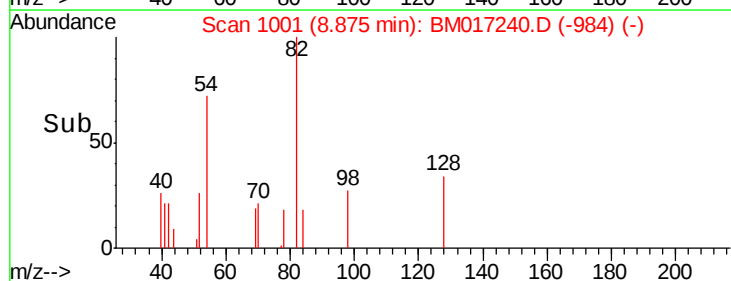
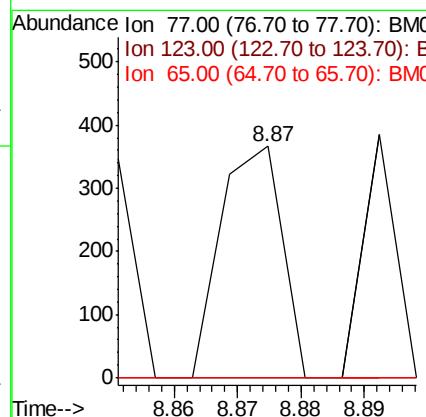
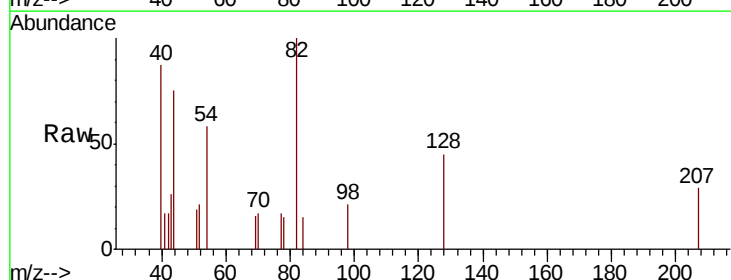
Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.0	55.6
54	49.0	40.7	61.1

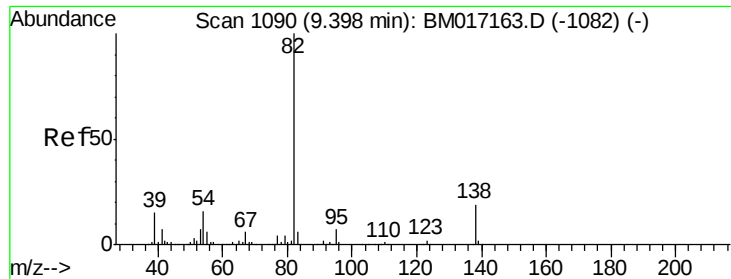


#24
 Nitrobenzene
 Concen: 0.012 ng
 RT: 8.87 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Tgt Ion: 77 Resp: 243

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





#25

Isophorone

Concen: 0.003 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

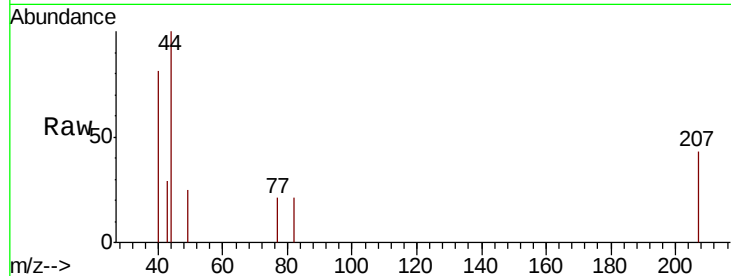
Tot Ion: 82 Resp: 112

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.4 23.2#

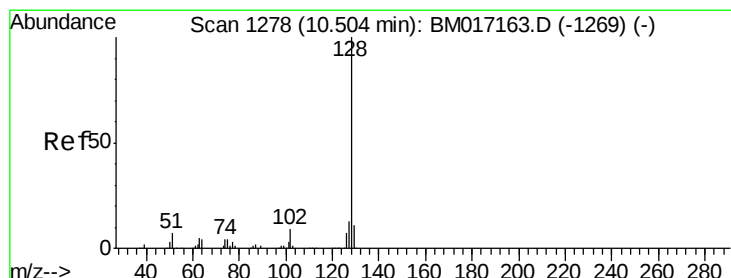
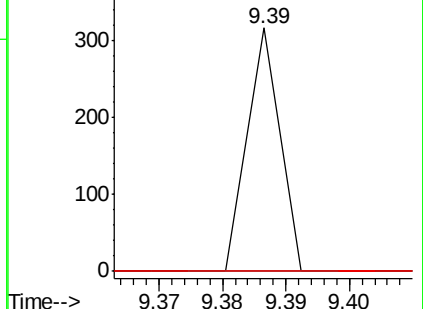
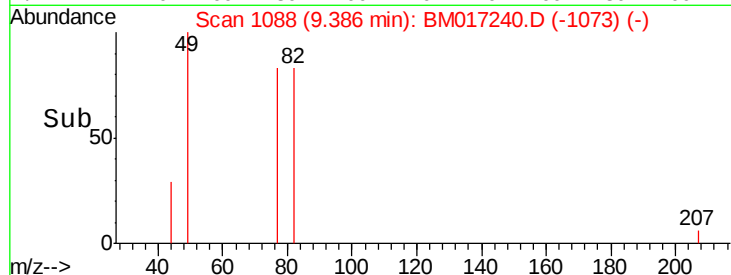


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

Time-->



#31

Naphthalene

Concen: 0.023 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

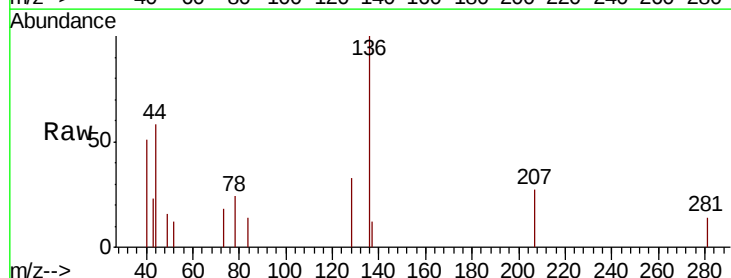
Tgt Ion: 128 Resp: 1333

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.3 15.5#

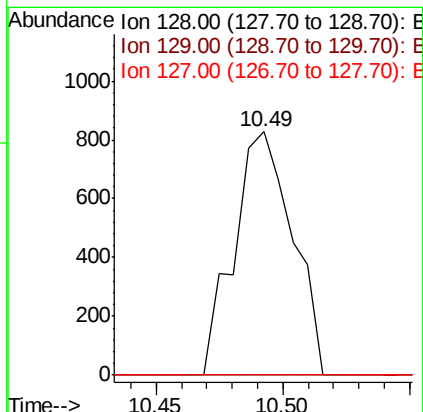
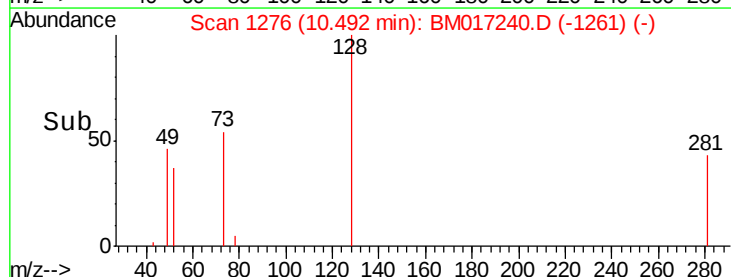


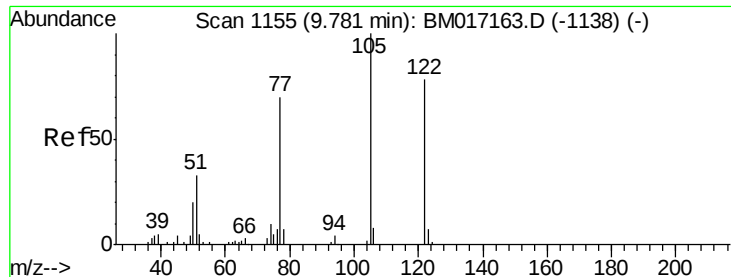
Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-1269) (-)

Ion 129.00 (128.70 to 129.70): BM017163.D (-1269) (-)

Ion 127.00 (126.70 to 127.70): BM017163.D (-1269) (-)

Time-->

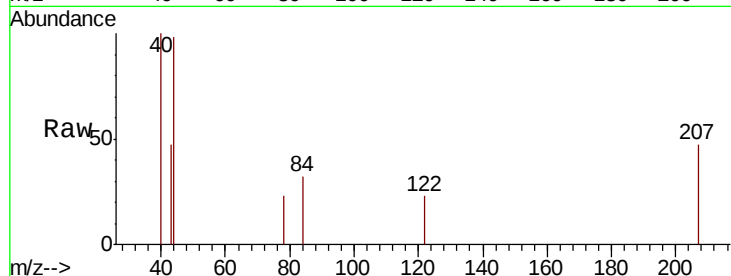




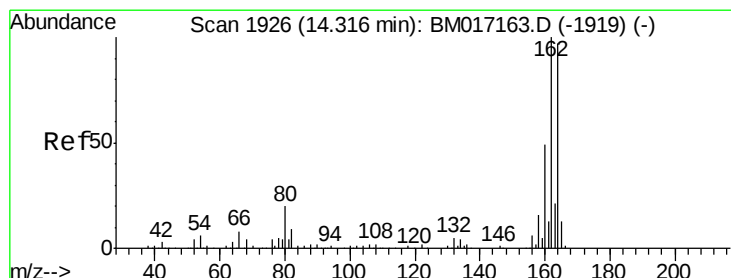
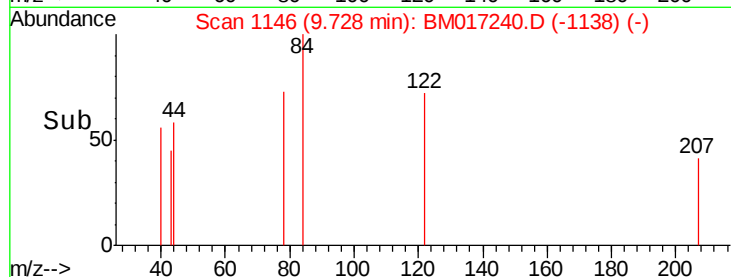
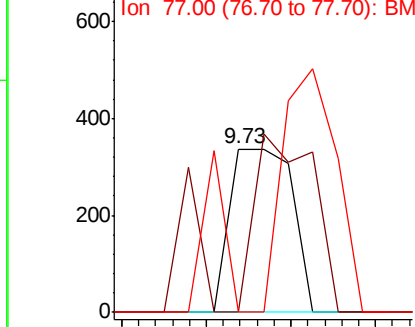
#32
Benzoic acid
Concen: 0.032 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 346
Ion Ratio Lower Upper
122 100
105 0.0 102.0 142.0#
77 0.0 67.7 107.7#

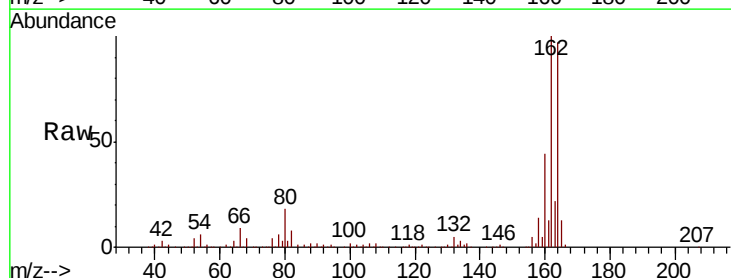


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

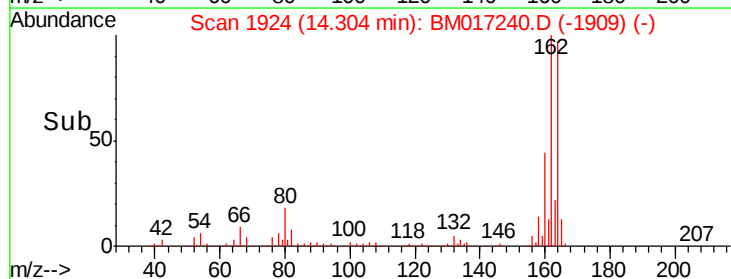
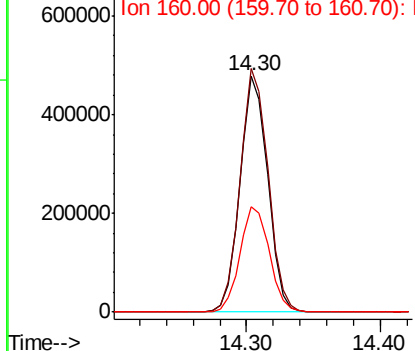


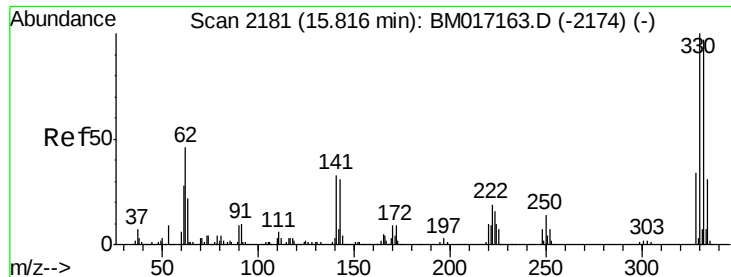
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion:164 Resp: 684957
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 44.9 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

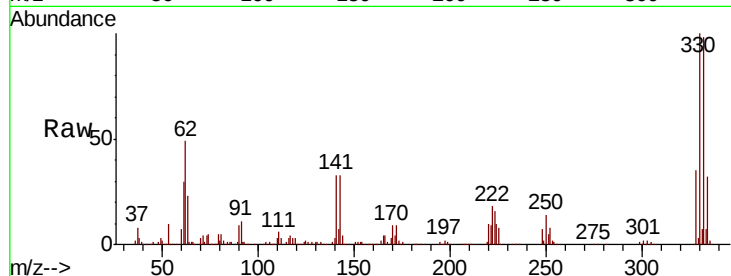




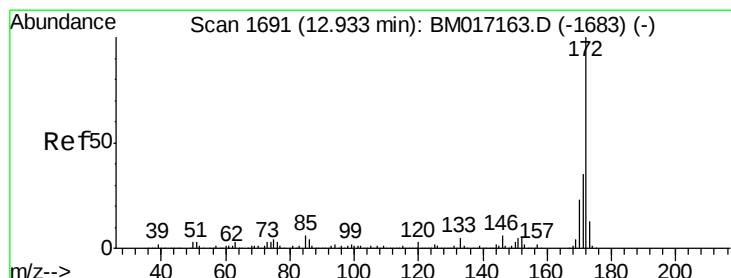
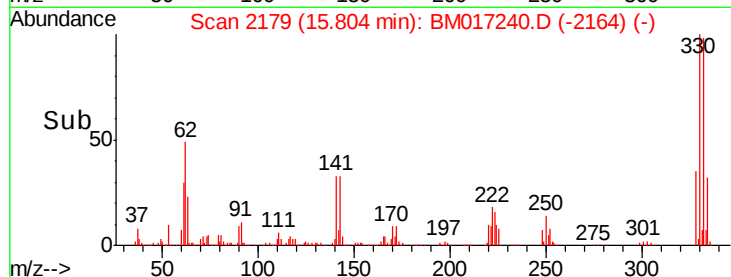
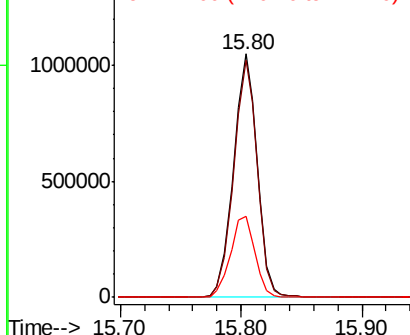
#42
 2,4,6-Tribromophenol
 Concen: 155.108 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1436776
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 34.6 27.4 41.0

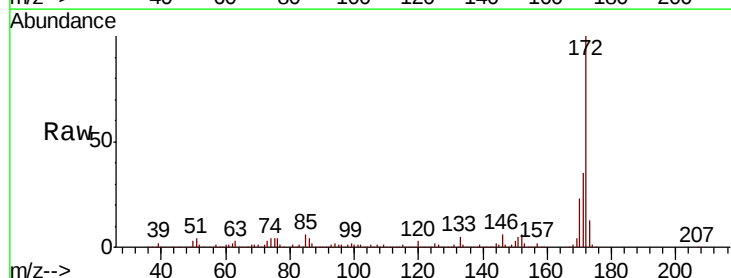


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

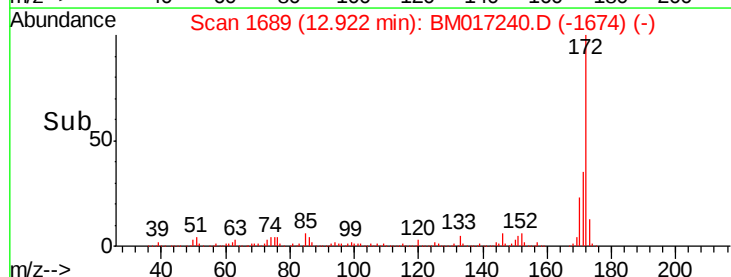
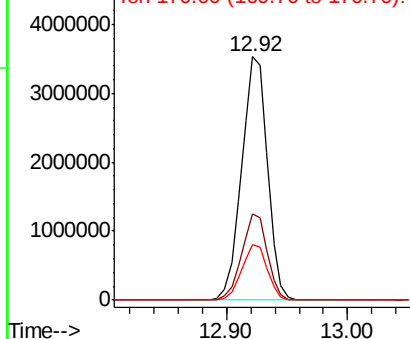


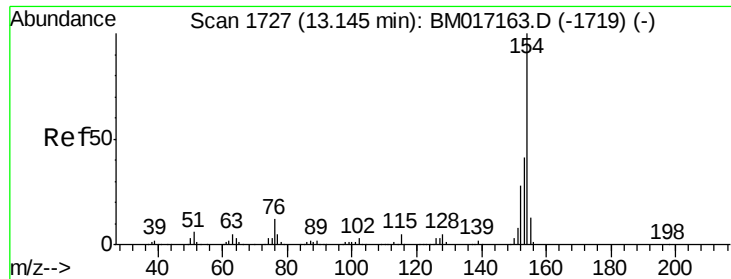
#45
 2-Fluorobiphenyl
 Concen: 102.405 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Tgt Ion:172 Resp: 5271747
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.8 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: 0.129 ng

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

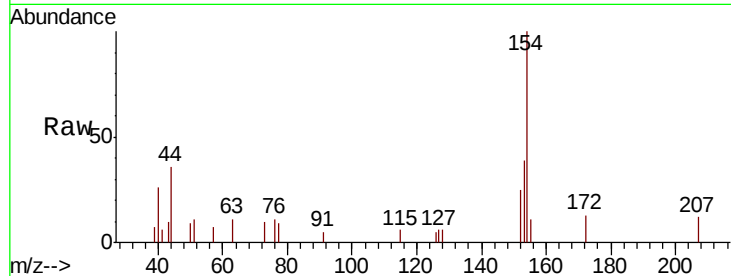
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 7967

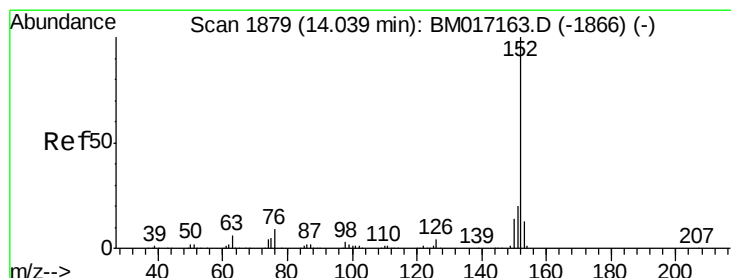
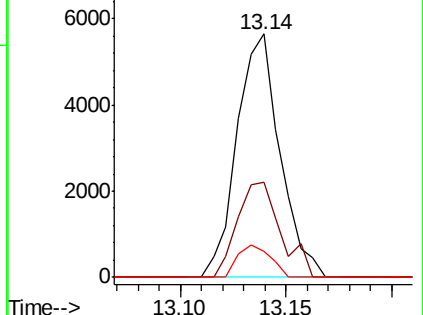
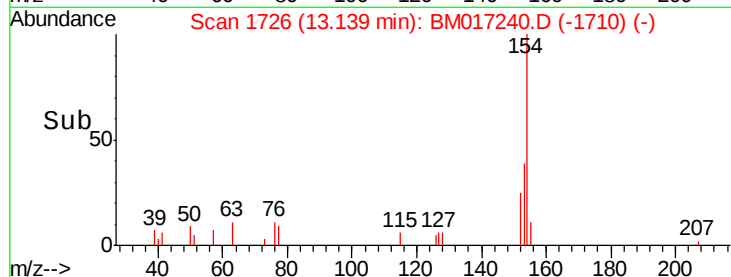
Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.5	60.5
76	10.8	0.0	31.8



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: 0.054 ng

RT: 14.03 min Scan# 1877

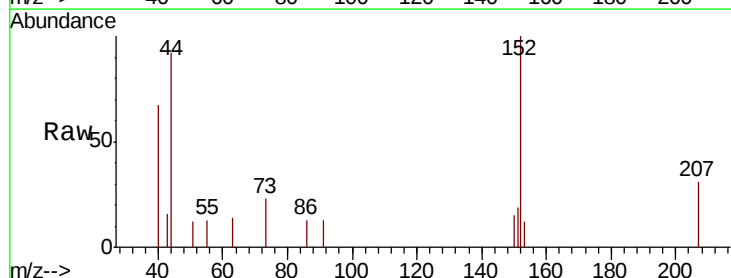
Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Tgt Ion:152 Resp: 3572

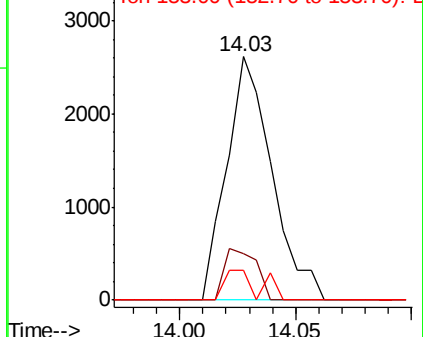
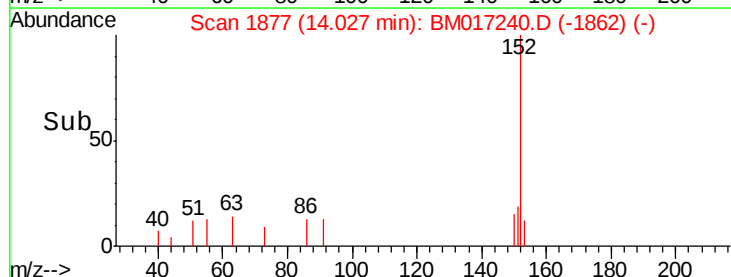
Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.0	24.0
153	12.5	10.4	15.6

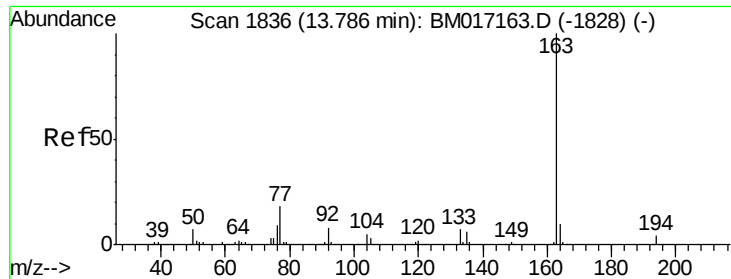


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

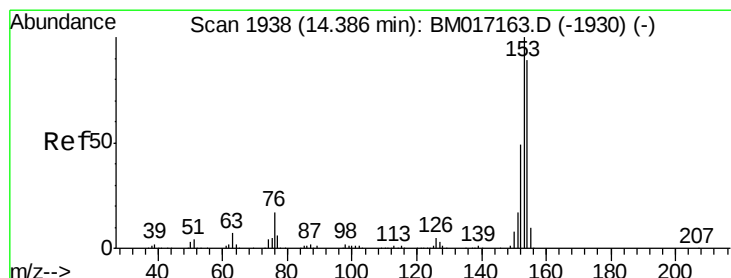
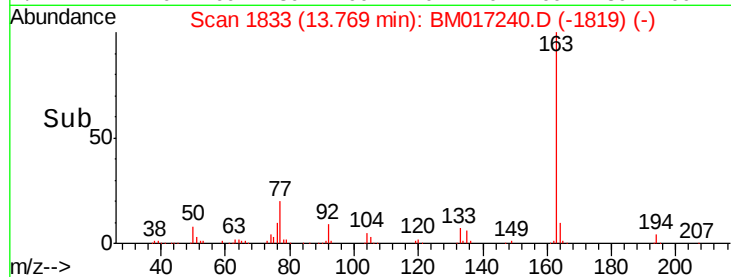
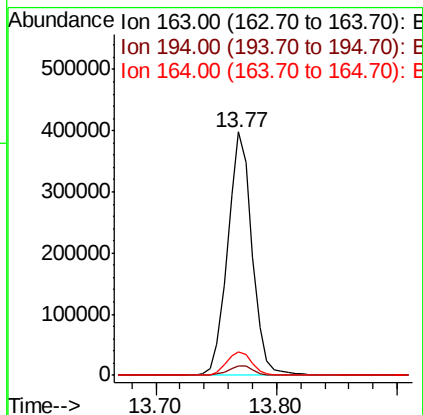
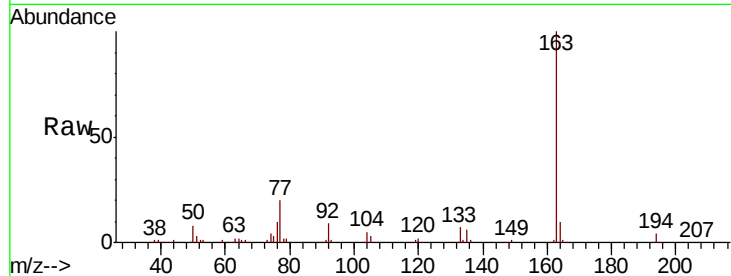




#50
Dimethylphthalate
Concen: 10.526 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

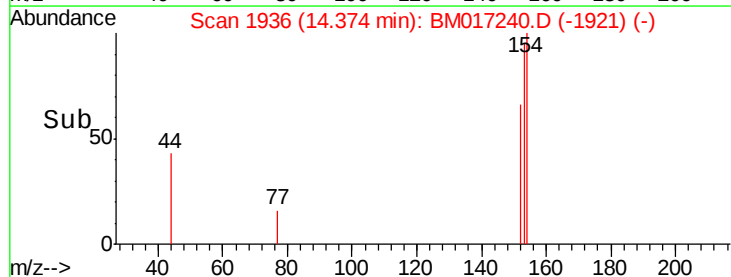
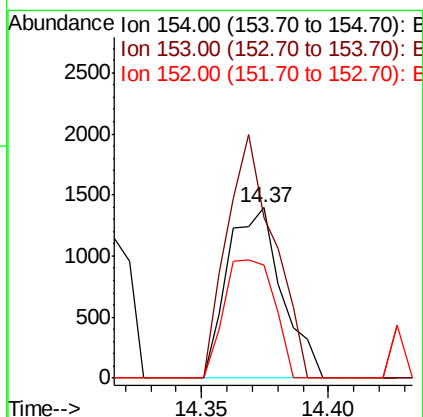
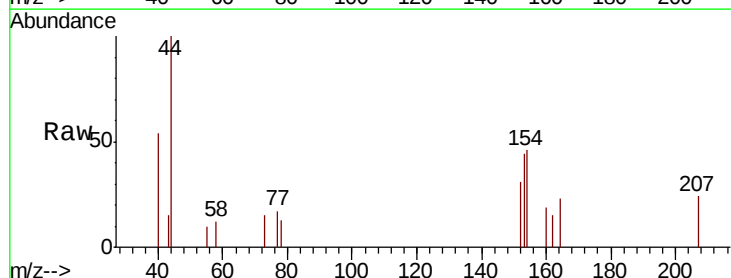
Instrument :
BNA_M
ClientSampleId :

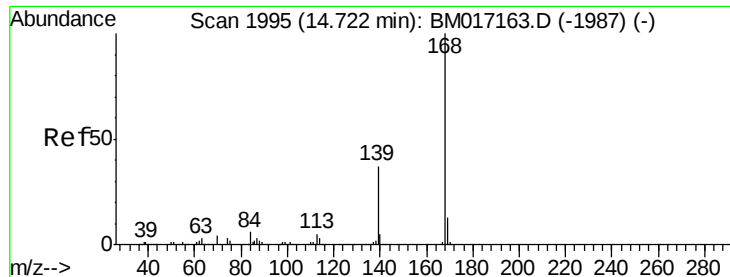
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	7.8	11.8



#52
Acenaphthene
Concen: 0.050 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	94.5	90.2	135.2
152	66.2	44.2	66.4





#55

Dibenzenofuran

Concen: 0.052 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

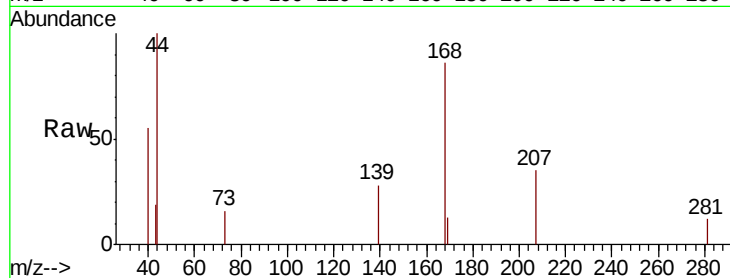
Tot Ion:168 Resp: 3563

Ion Ratio Lower Upper

168 100

139 32.5 29.3 43.9

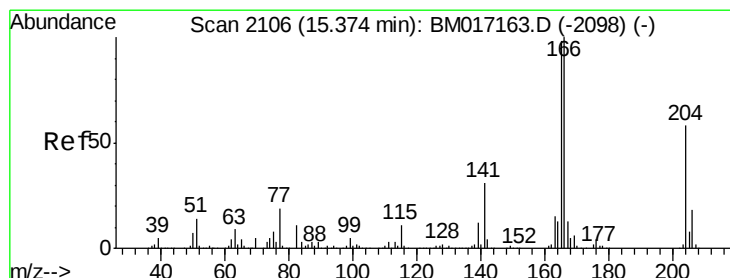
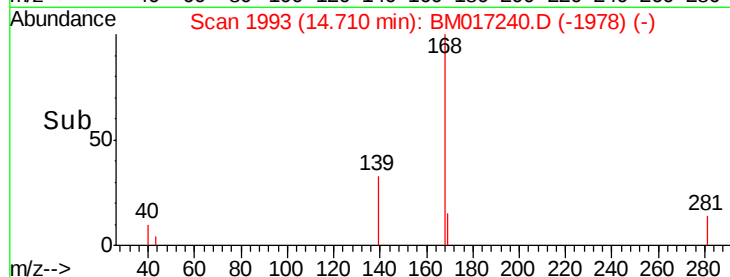
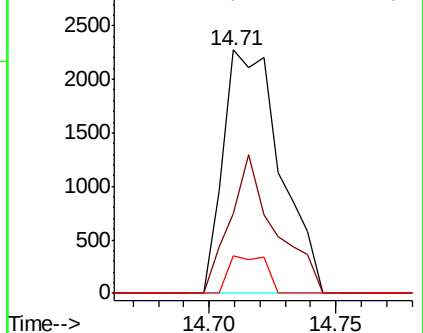
169 15.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#58

Fluorene

Concen: 0.102 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

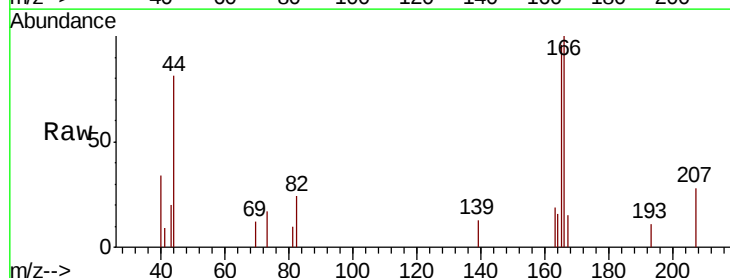
Tgt Ion:166 Resp: 5160

Ion Ratio Lower Upper

166 100

165 95.9 78.1 117.1

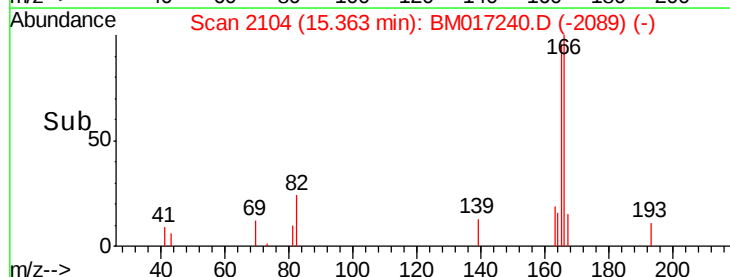
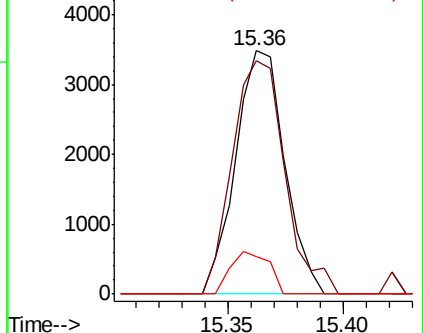
167 15.5 10.6 16.0

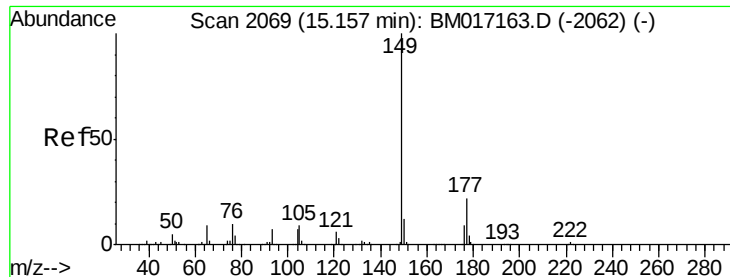


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

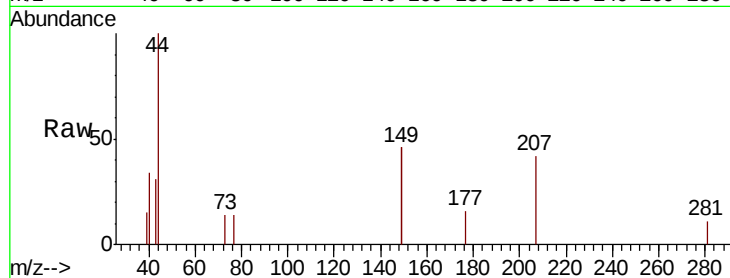




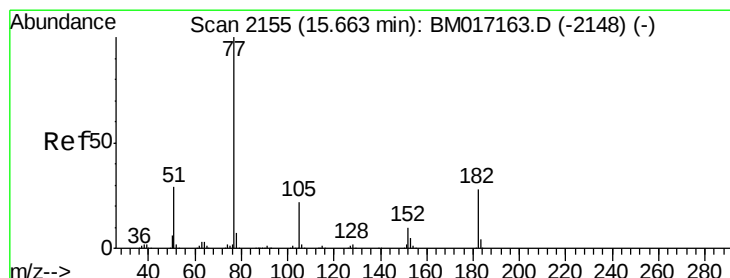
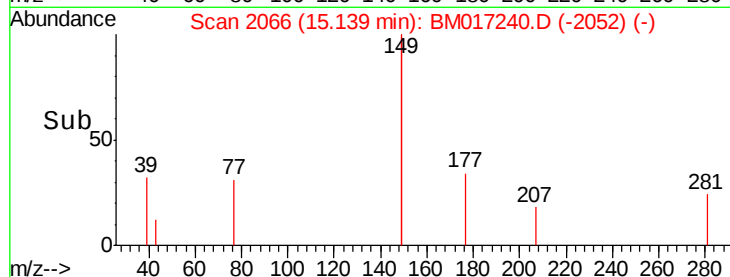
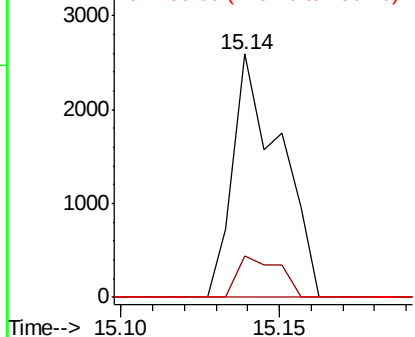
#60
Diethylphthalate
Concen: 0.051 ng
RT: 15.14 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2679
Ion Ratio Lower Upper
149 100
177 17.1 17.7 26.5#
150 0.0 10.0 15.0#

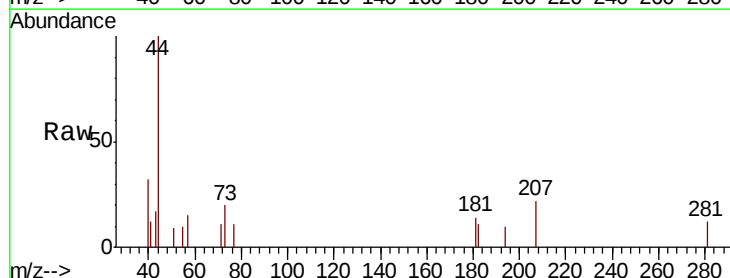


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

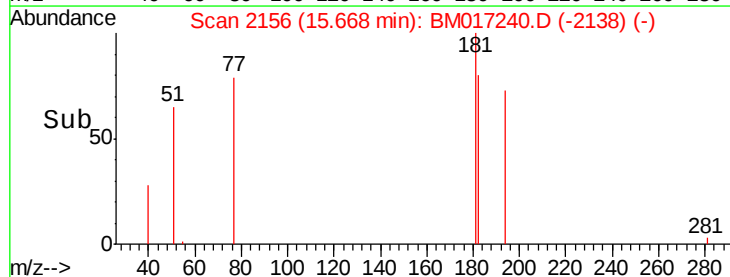
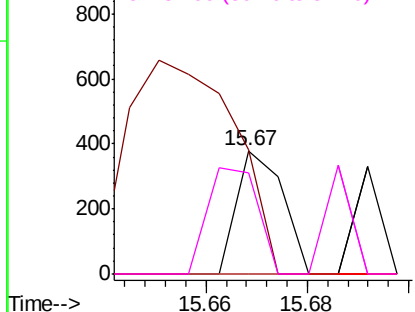


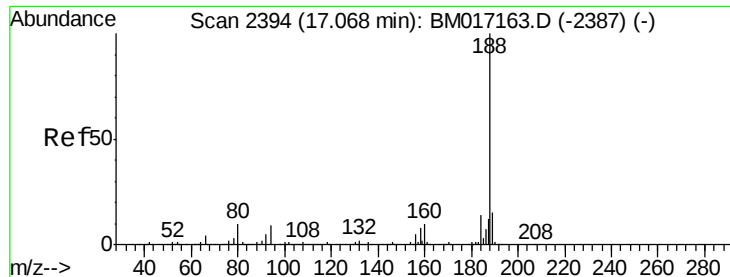
#63
Azobenzene
Concen: 0.005 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion: 77 Resp: 240
Ion Ratio Lower Upper
77 100
182 101.1 8.3 48.3#
105 0.0 1.5 41.5#
51 81.7 8.8 48.8#



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

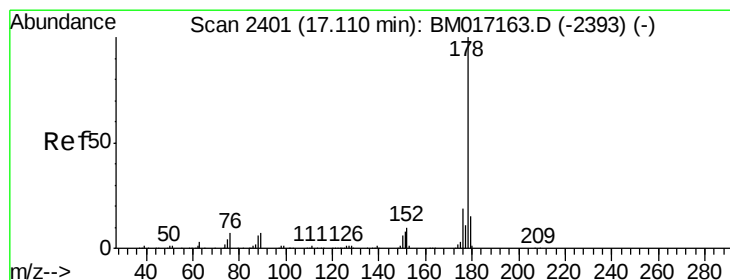
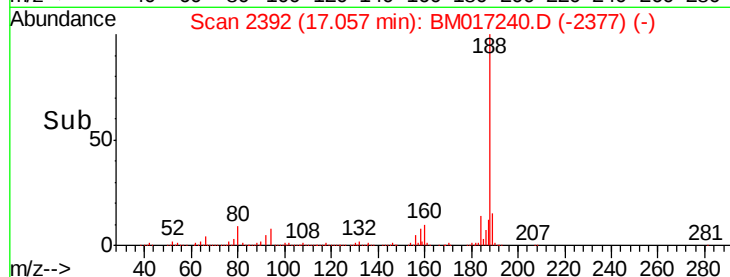
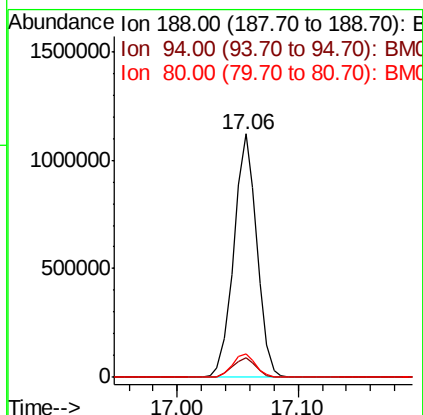
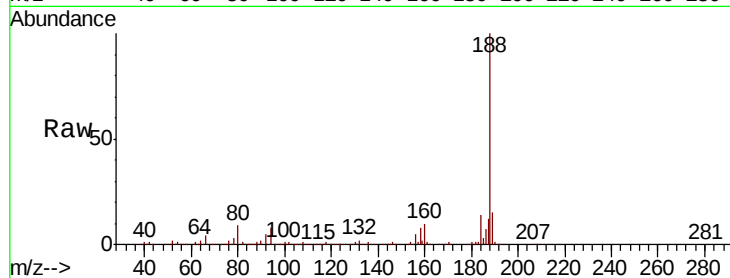




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

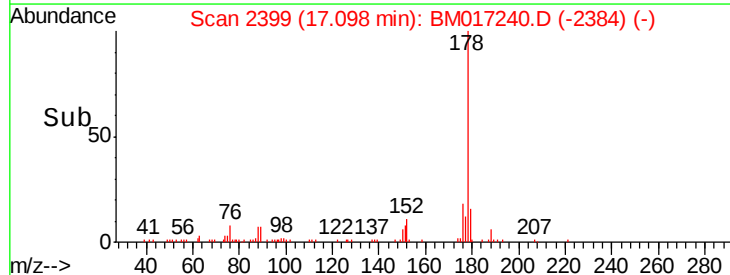
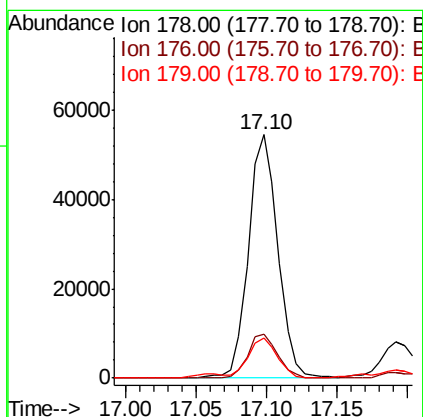
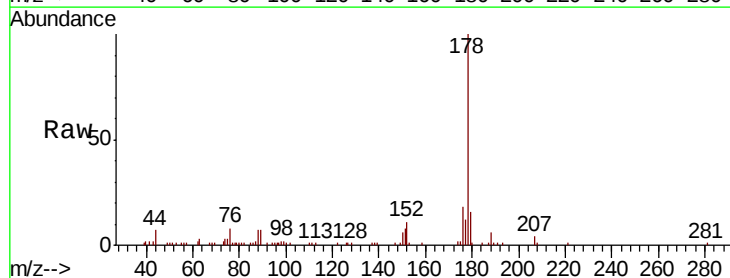
Instrument :
BNA_M
ClientSampled :

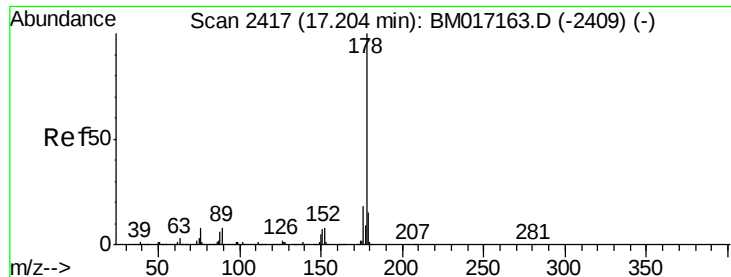
Tot Ion:188 Resp: 1486896
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.5 7.7 11.5



#71
Phenanthrene
Concen: 0.993 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion:178 Resp: 79682
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 16.4 12.3 18.5





#72

Anthracene

Concen: 0.183 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

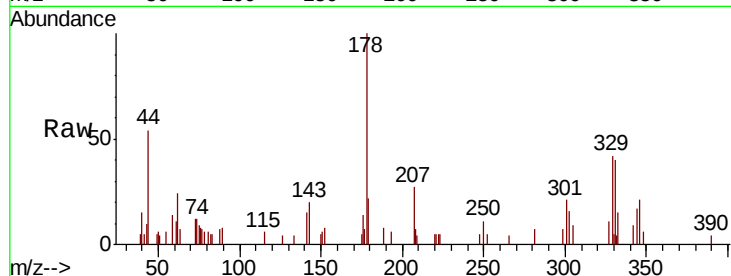
Tot Ion:178 Resp: 13967

Ion Ratio Lower Upper

178 100

176 13.8 14.5 21.7#

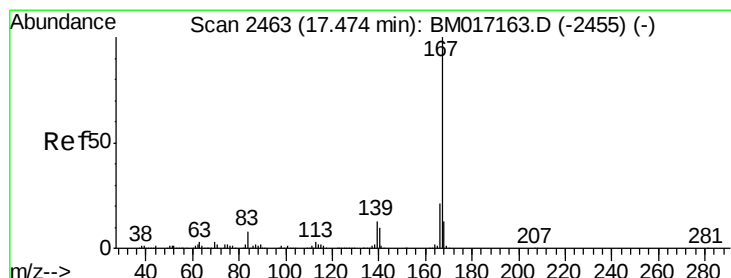
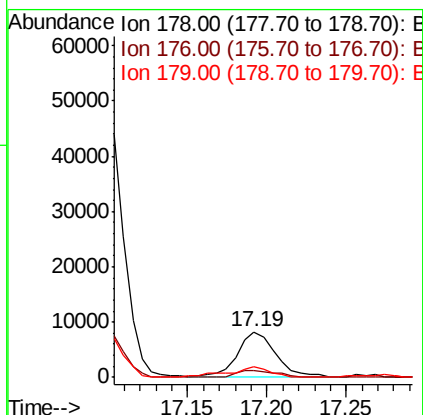
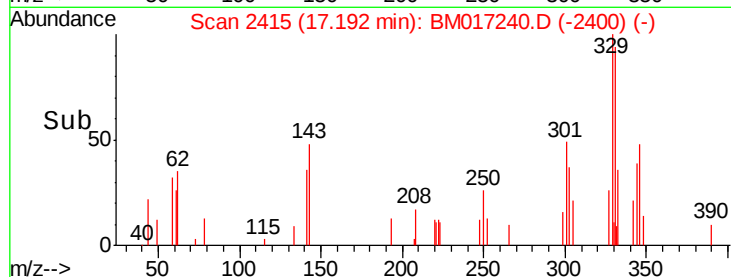
179 22.4 12.2 18.2#



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



#73

Carbazole

Concen: 0.090 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

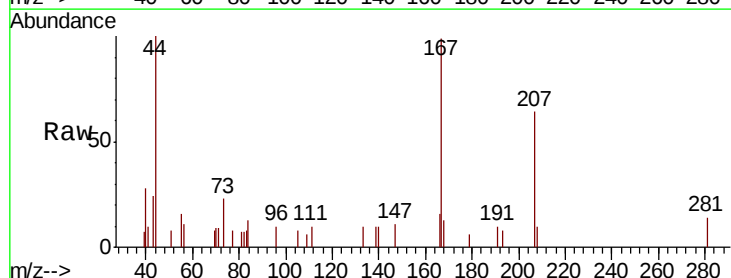
Tgt Ion:167 Resp: 7032

Ion Ratio Lower Upper

167 100

166 16.0 17.1 25.7#

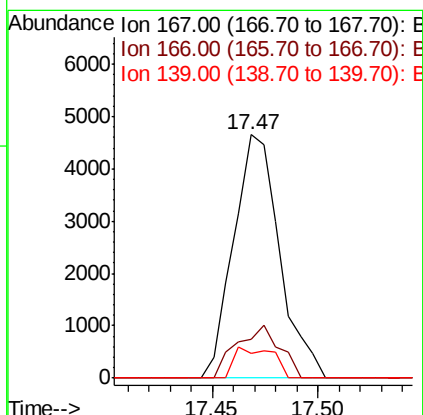
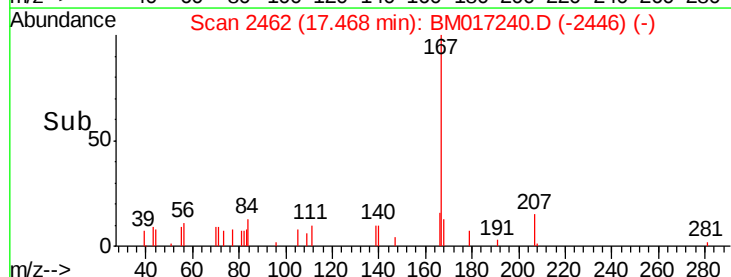
139 10.2 10.1 15.1

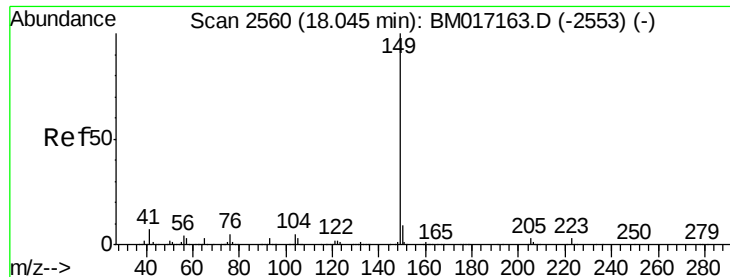


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

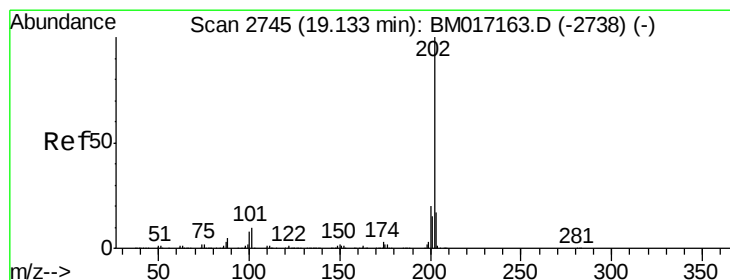
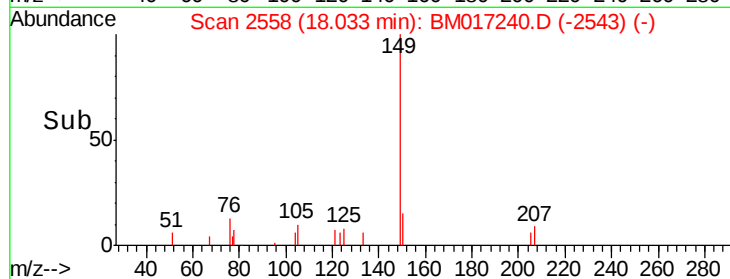
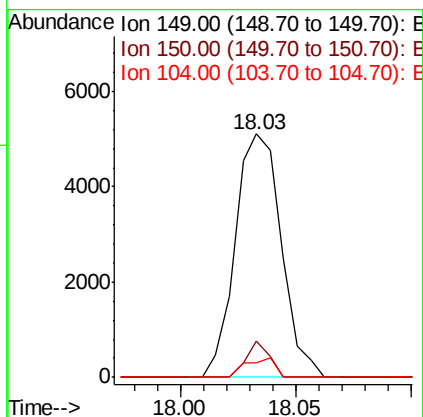
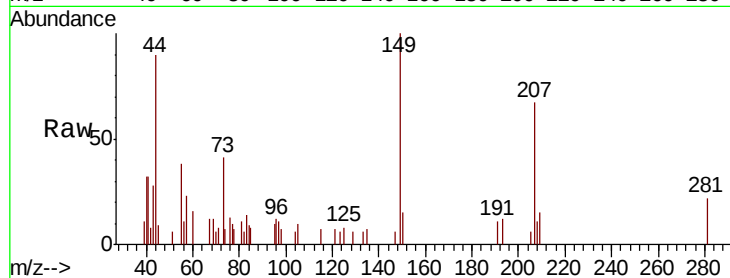




#74
Di-n-butylphthalate
Concen: 0.086 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

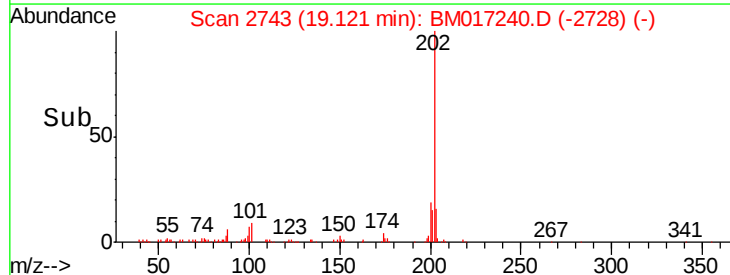
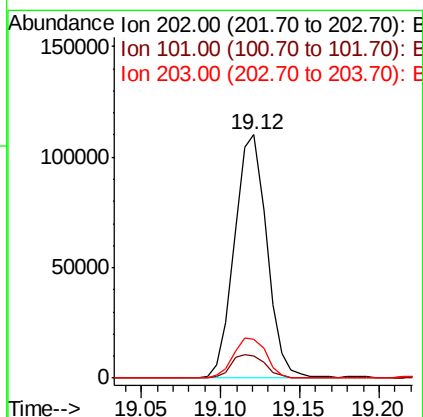
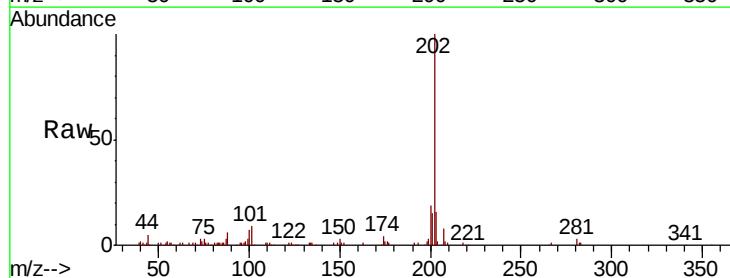
Instrument :
BNA_M
ClientSampleId :

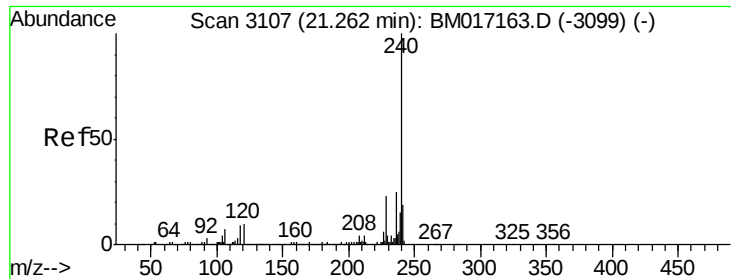
Tot Ion:149 Resp: 7091
Ion Ratio Lower Upper
149 100
150 14.8 7.4 11.0#
104 6.0 4.3 6.5



#75
Fluoranthene
Concen: 1.727 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion:202 Resp: 155907
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.0
203 16.1 0.0 37.2

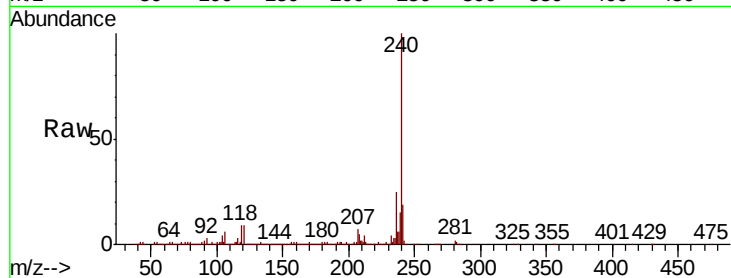




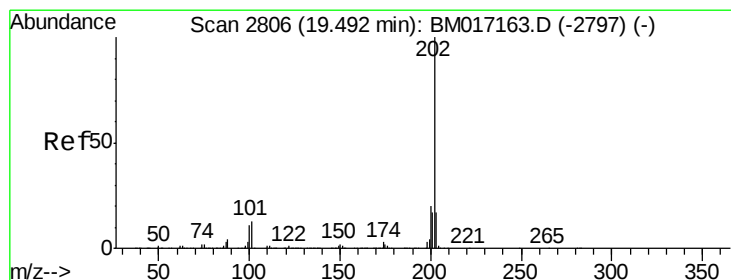
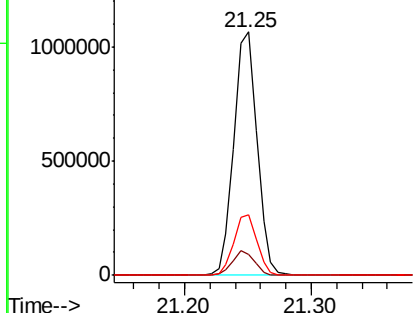
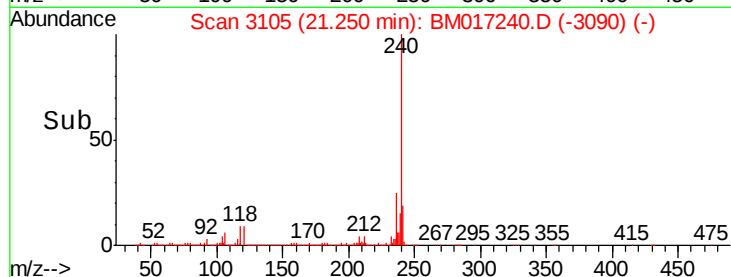
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:240 Resp: 1348795
Ion Ratio Lower Upper
240 100
120 8.7 8.1 12.1
236 24.8 19.9 29.9

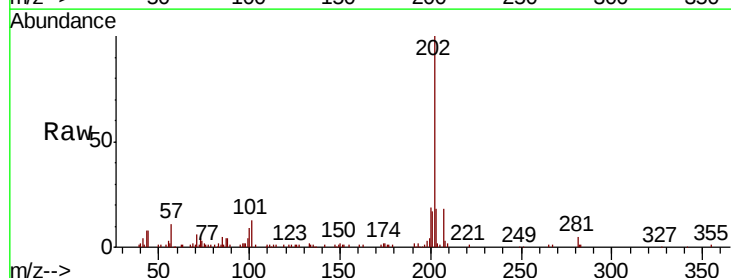


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

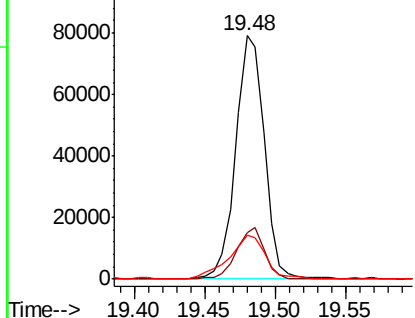
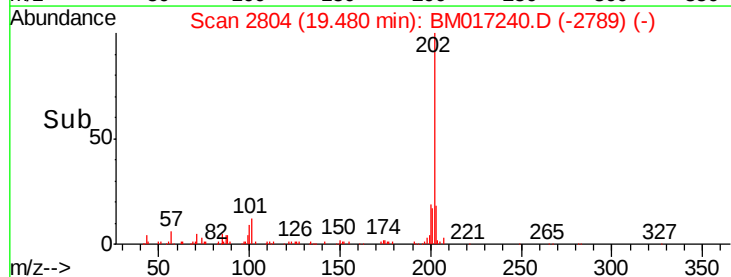


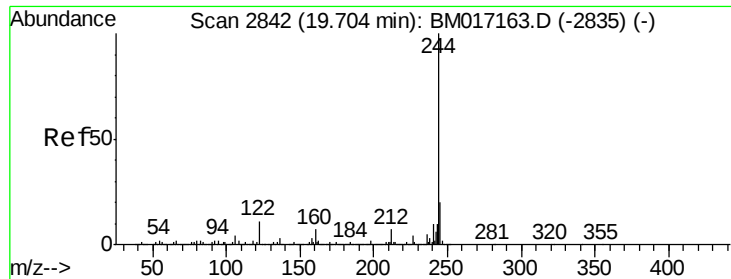
#78
Pyrene
Concen: 1.494 ng
RT: 19.48 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion:202 Resp: 112596
Ion Ratio Lower Upper
202 100
200 19.2 16.3 24.5
203 18.2 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

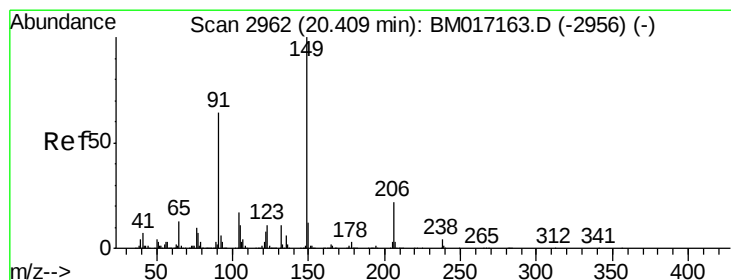
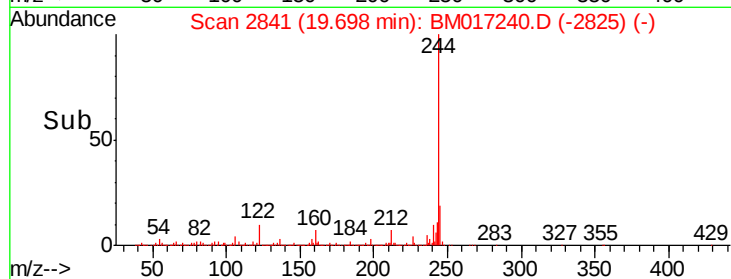
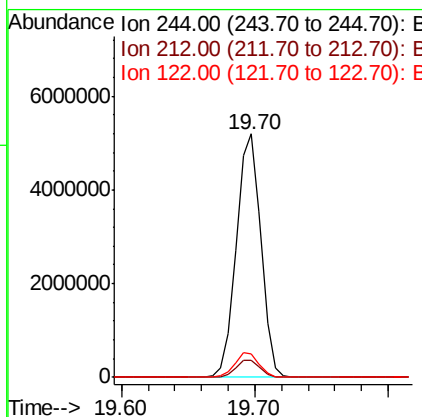
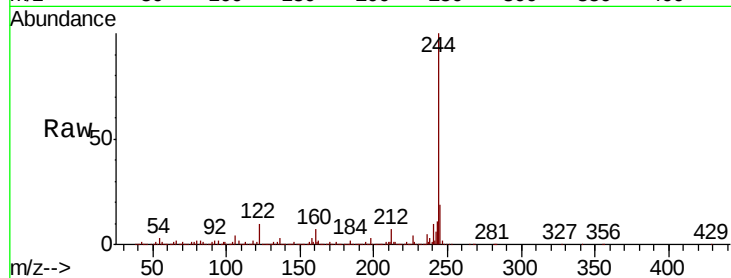




#79
 Terphenyl-d14
 Concen: 110.633 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

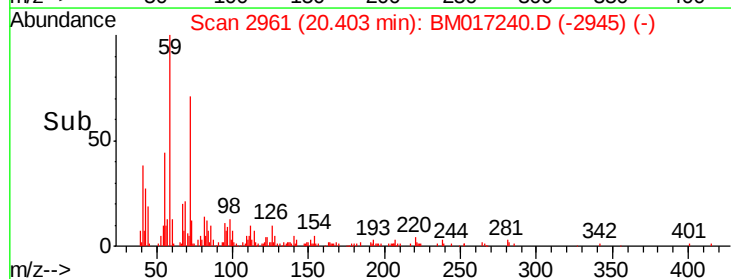
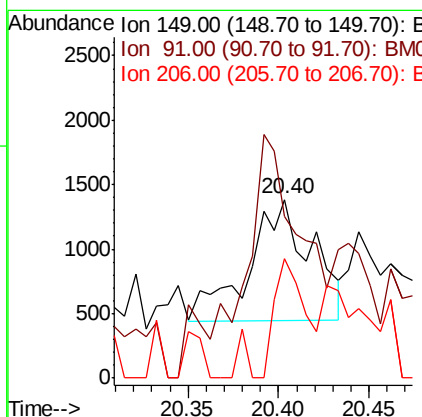
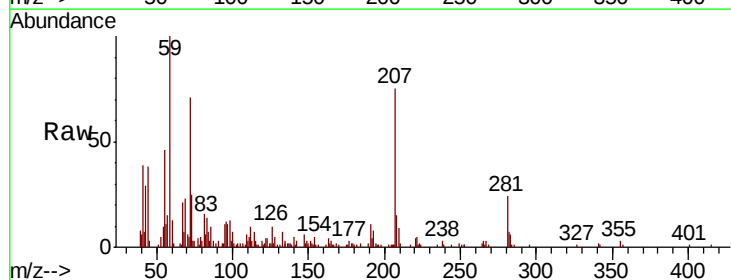
Instrument :
 BNA_M
 ClientSampleId :

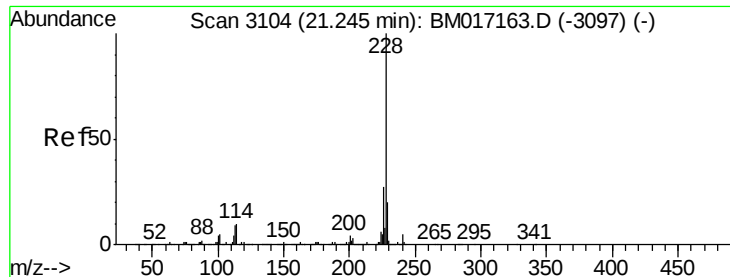
Tot Ion:244 Resp: 6620264
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.8 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 7.243 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Tgt Ion:149 Resp: 2277
 Ion Ratio Lower Upper
 149 100
 91 90.4 51.3 76.9#
 206 66.5 18.0 27.0#





#81

Benzo(a)anthracene

Concen: 0.495 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

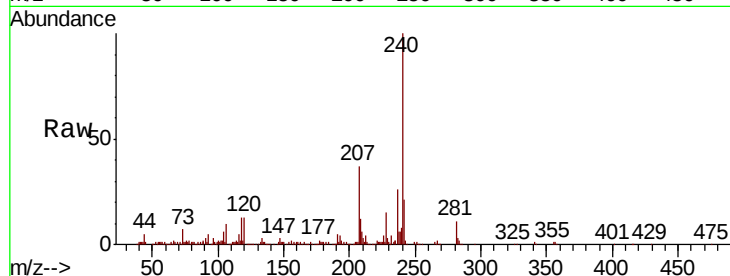
Tot Ion:228 Resp: 37571

Ion Ratio Lower Upper

228 100

226 26.1 21.4 32.0

229 19.4 15.9 23.9

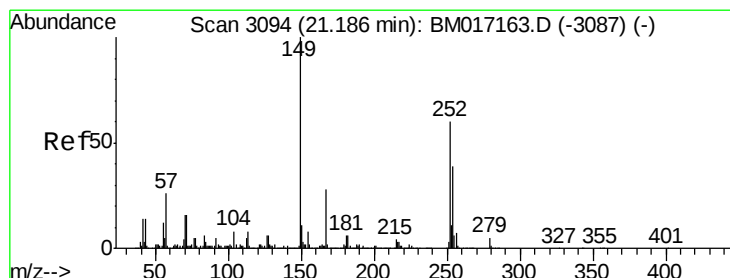
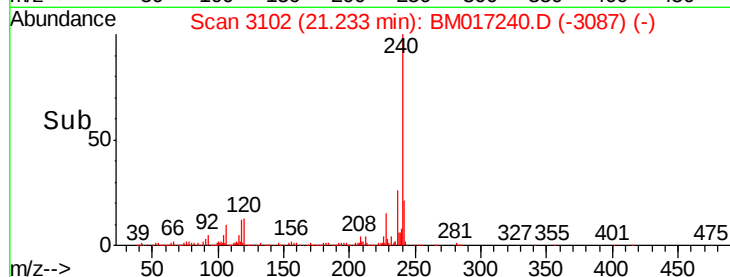
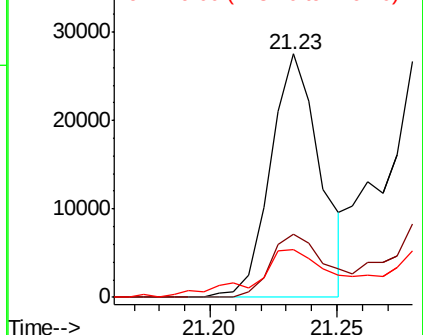


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.043 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

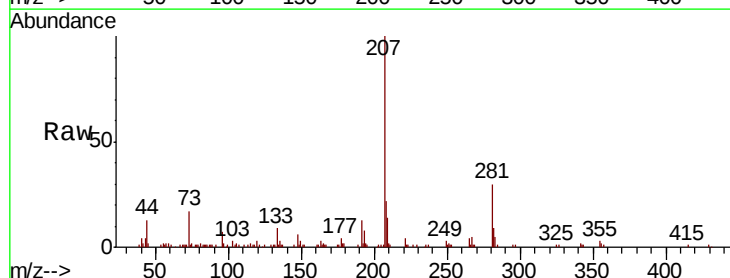
Tgt Ion:252 Resp: 1225

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

126 0.0 8.6 12.8#

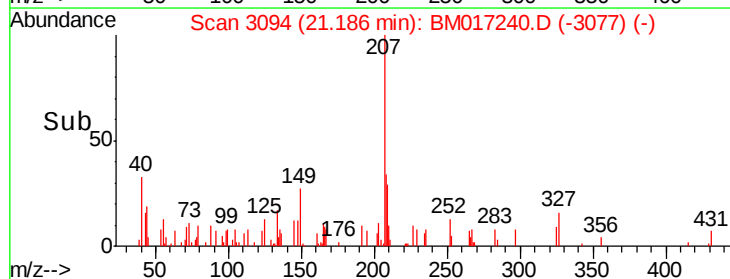
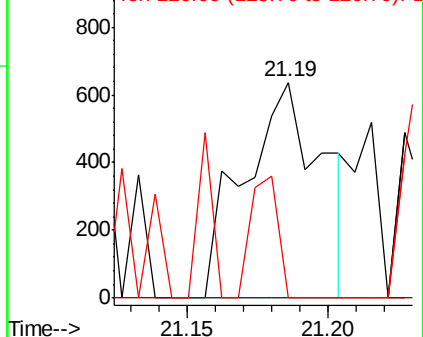


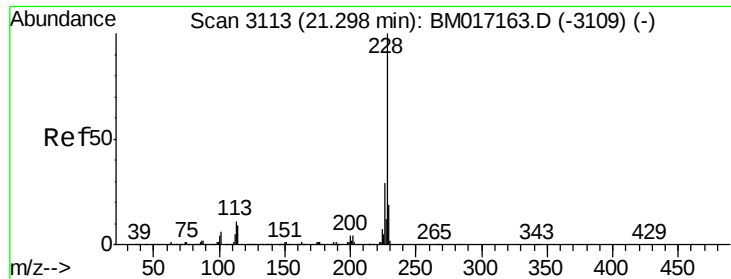
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

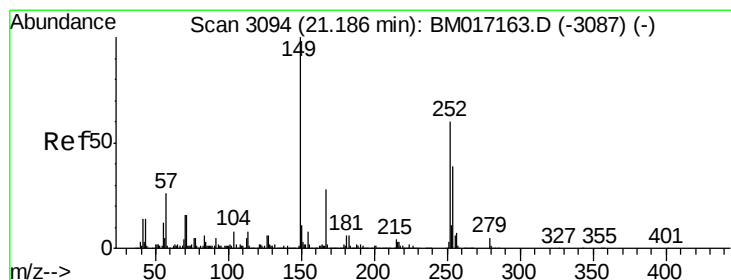
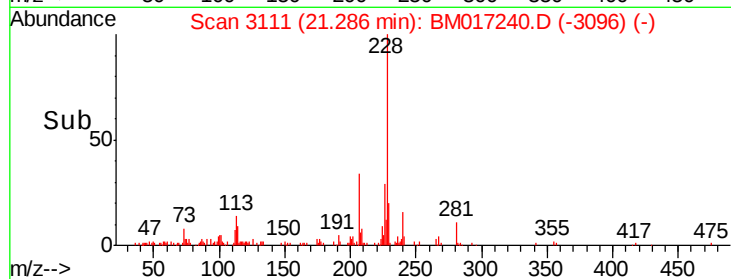
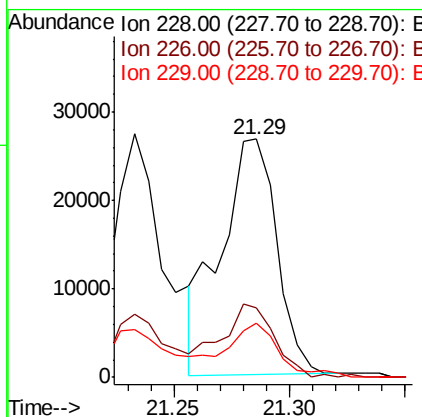
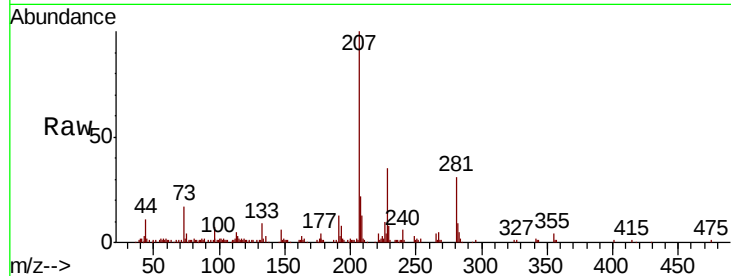




#83
 Chrvsene
 Concen: 0.602 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

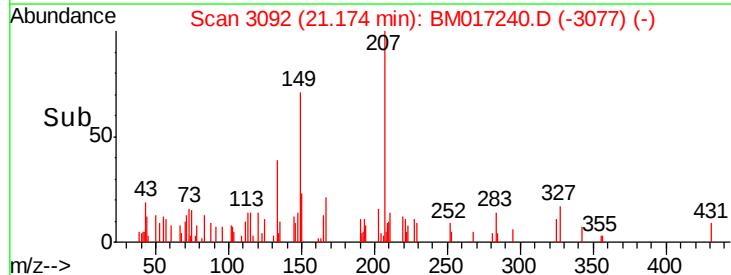
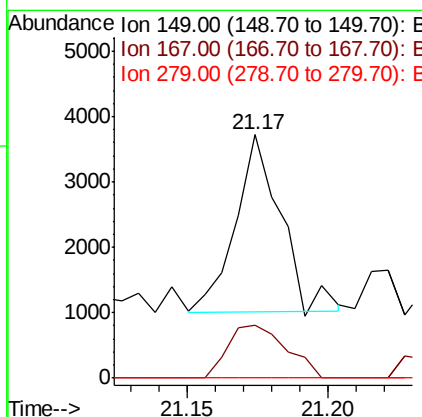
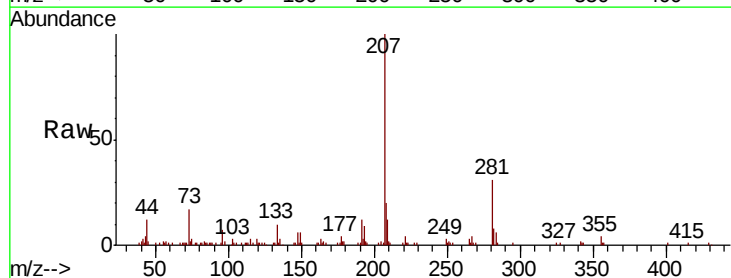
Instrument :
 BNA_M
 ClientSampleId :

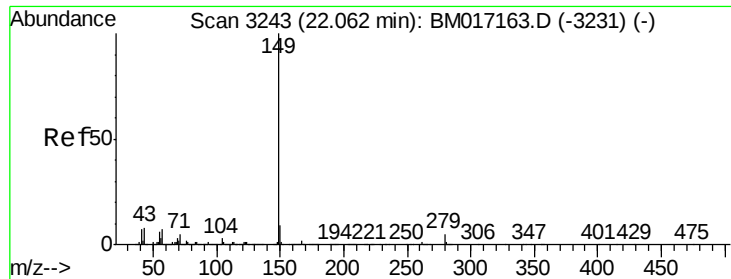
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	22.9	15.6	23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.369 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017240.D
 Acq: 19 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.6	22.2	33.4#
279	0.0	3.6	5.4#

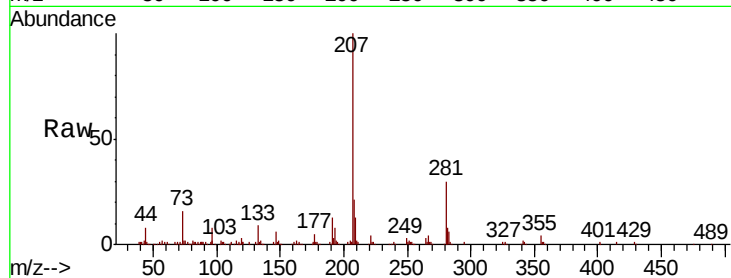




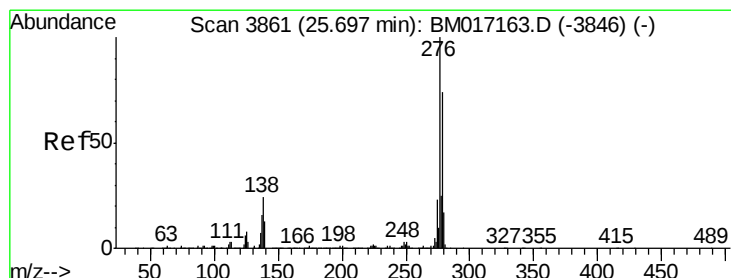
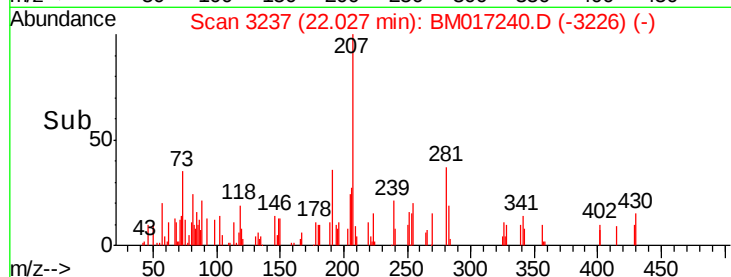
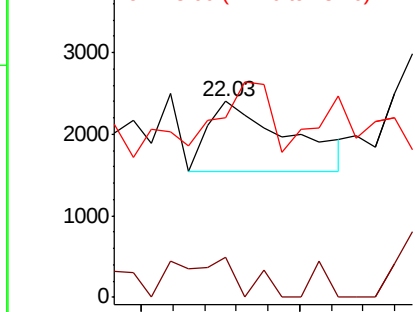
#85
Di-n-octyl phthalate
Concen: 5.589 ng
RT: 22.03 min Scan# 3237
Delta R.T. -0.04 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1503
Ion Ratio Lower Upper
149 100
167 46.4 1.4 2.0#
43 84.2 7.2 10.8#

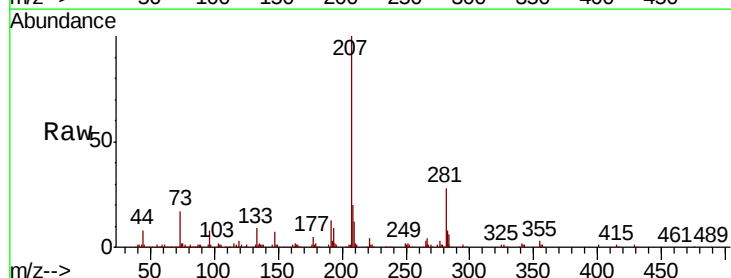


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0

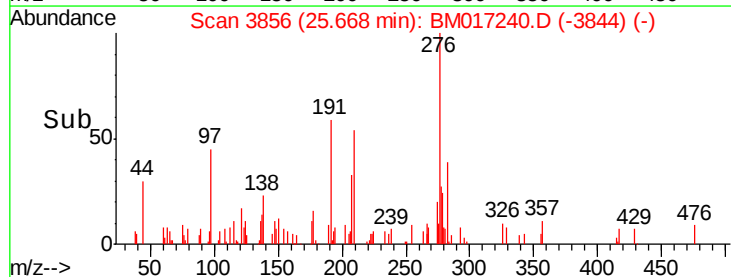
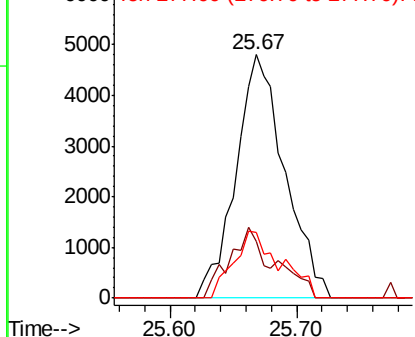


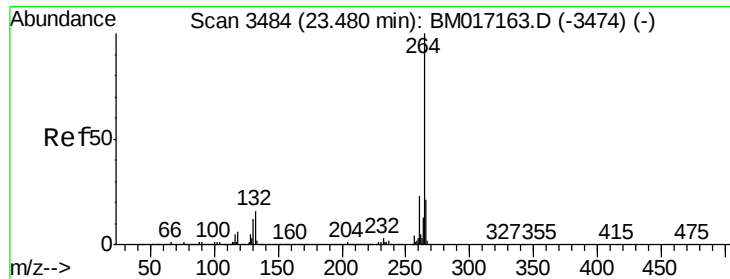
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng
RT: 25.67 min Scan# 3856
Delta R.T. -0.03 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion:276 Resp: 12866
Ion Ratio Lower Upper
276 100
138 19.7 19.5 29.3
277 26.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

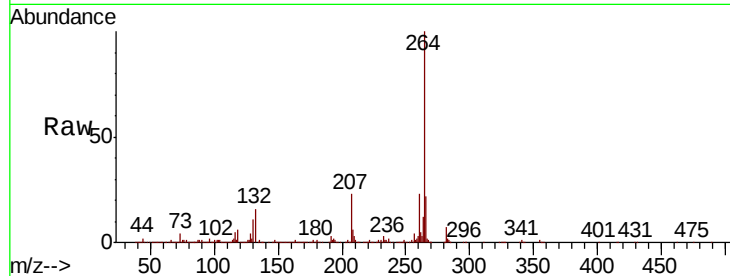
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1233768

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.6	17.8	26.8

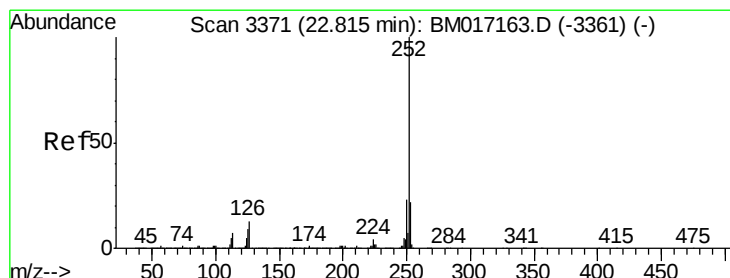
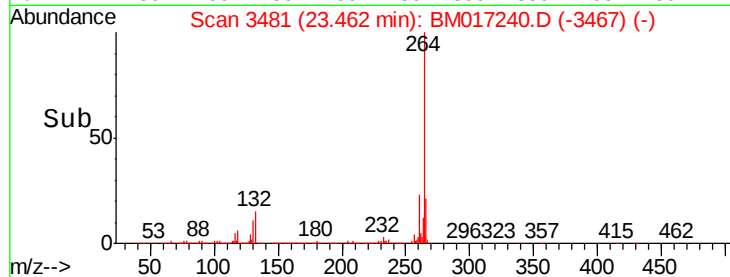
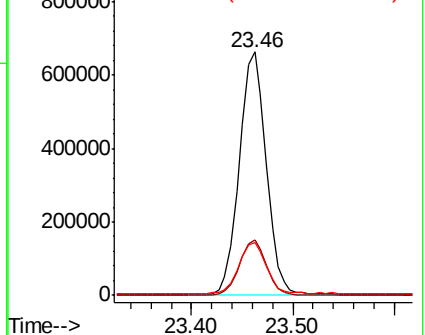


Abundance

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: 0.780 ng

RT: 22.80 min Scan# 3368

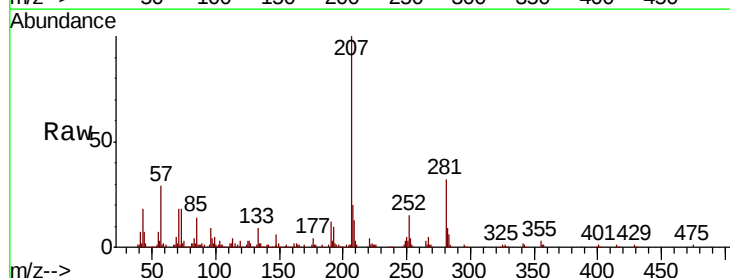
Delta R.T. -0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Tgt Ion:252 Resp: 52639

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	17.0	7.5	11.3#

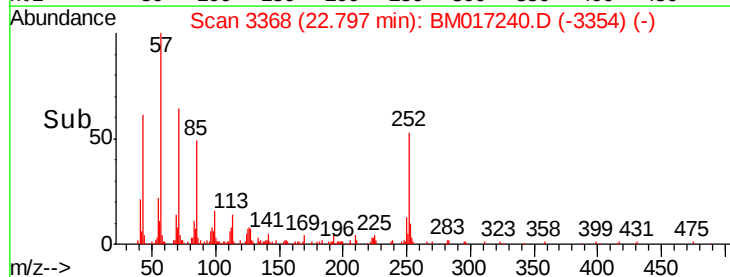
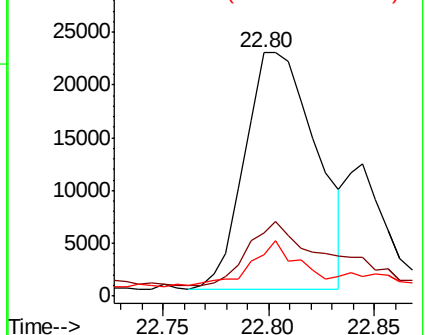


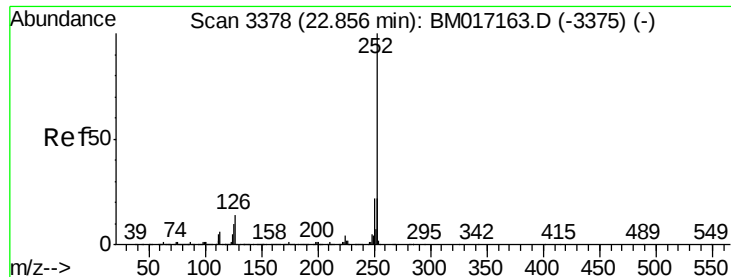
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

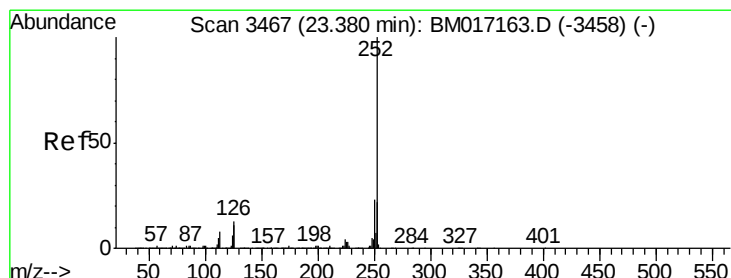
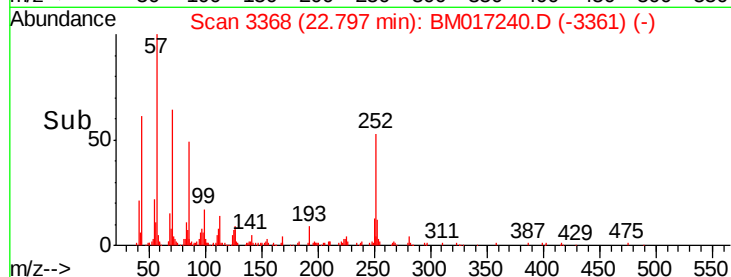
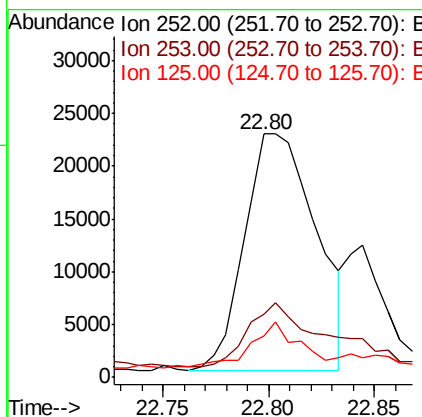
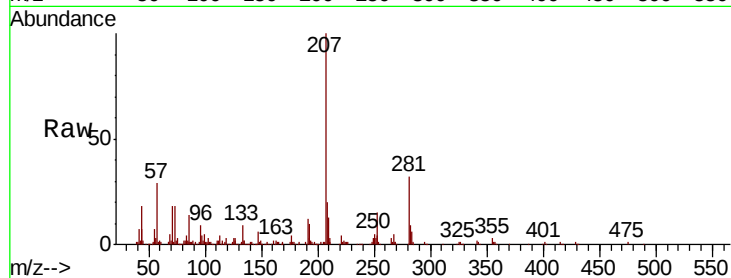




#89
Benzo(k)fluoranthene
Concen: 0.778 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.06 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

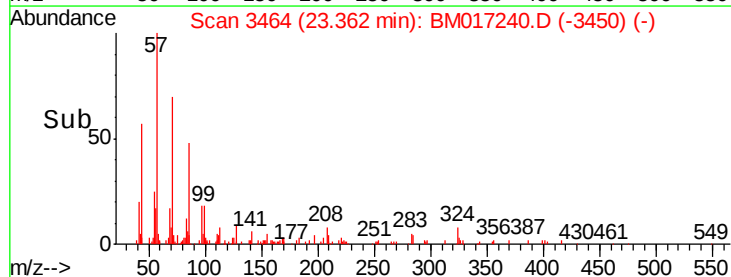
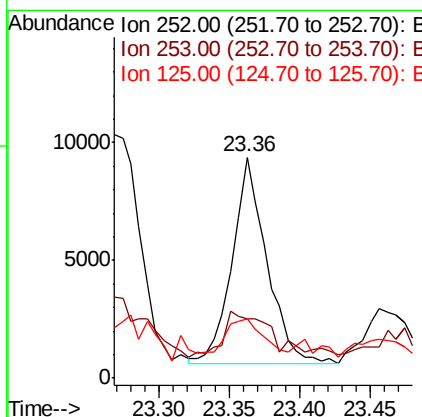
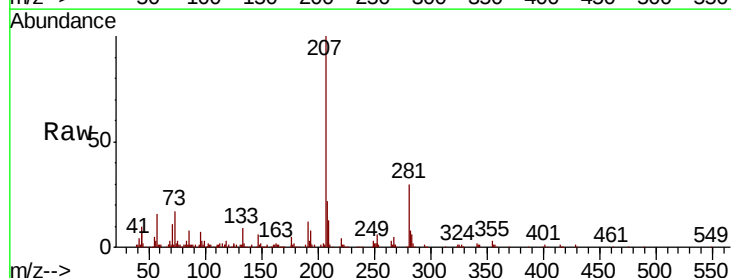
Instrument :
BNA_M
ClientSampleId :

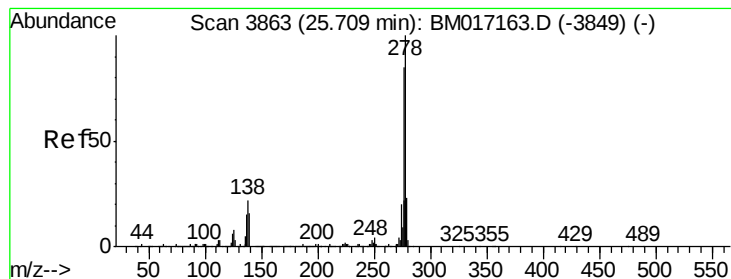
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	17.0	8.2	12.2



#90
Benzo(a)pyrene
Concen: 0.236 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017240.D
Acq: 19 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.4	26.0
125	26.8	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

Instrument :

BNA_M

ClientSampleId :

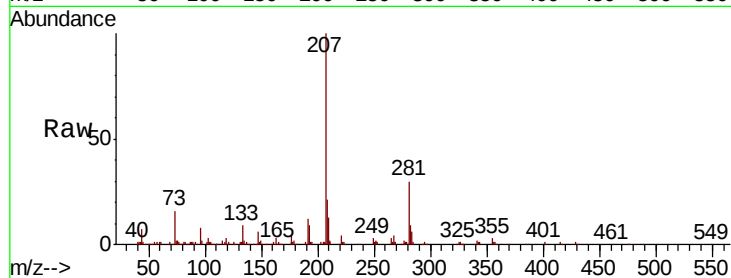
Tot Ion:278 Resp: 1796

Ion Ratio Lower Upper

278 100

139 29.0 12.7 19.1#

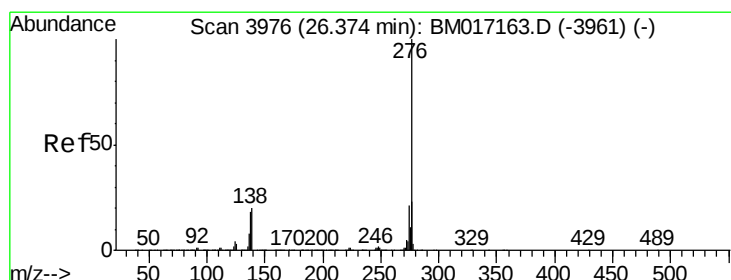
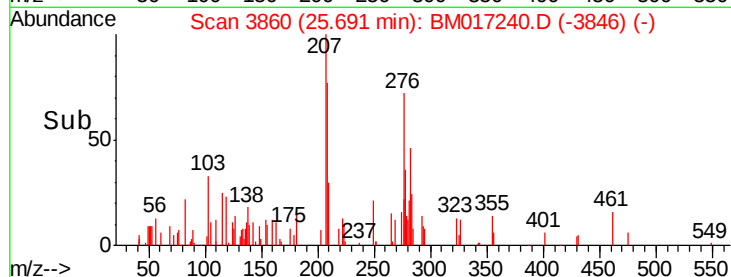
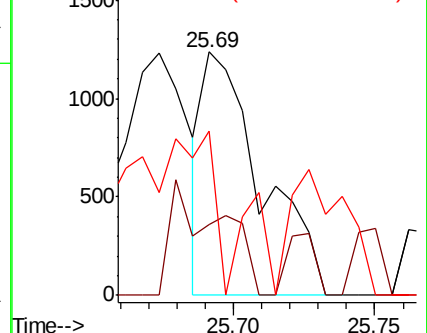
279 67.6 18.7 28.1#



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: 0.173 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017240.D

Acq: 19 Oct 2018 21:17

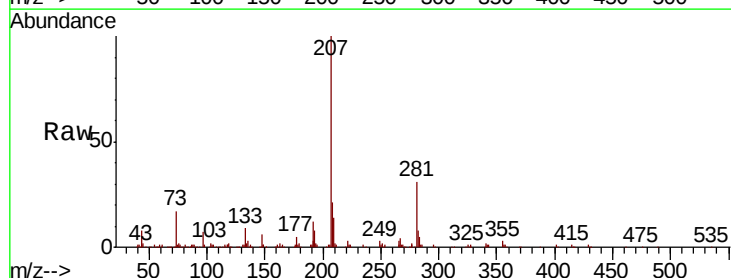
Tgt Ion:276 Resp: 10926

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 38.2 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

