

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031919\
 Data File : BM019233.D
 Acq On : 19 Mar 2019 12:51
 Operator : JU/SJ
 Sample : K1970-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 13:31:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 19 12:12:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	268570	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1181871	20.00	ng	0.01
39) Acenaphthene-d10	14.32	164	901627	20.00	ng	0.02
64) Phenanthrene-d10	17.07	188	1766080	20.00	ng	0.02
76) Chrysene-d12	21.26	240	1306608	20.00	ng	0.00
87) Perylene-d12	23.48	264	1225122	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2060665	124.26	ng	0.00
7) Phenol-d6	6.83	99	2987769	123.17	ng	0.00
23) Nitrobenzene-d5	8.82	82	1953138	78.12	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1718042	129.06	ng	0.03
45) 2-Fluorobiphenyl	12.92	172	4571854	65.96	ng	0.01
79) Terphenyl-d14	19.70	244	6169241	93.73	ng	0.01

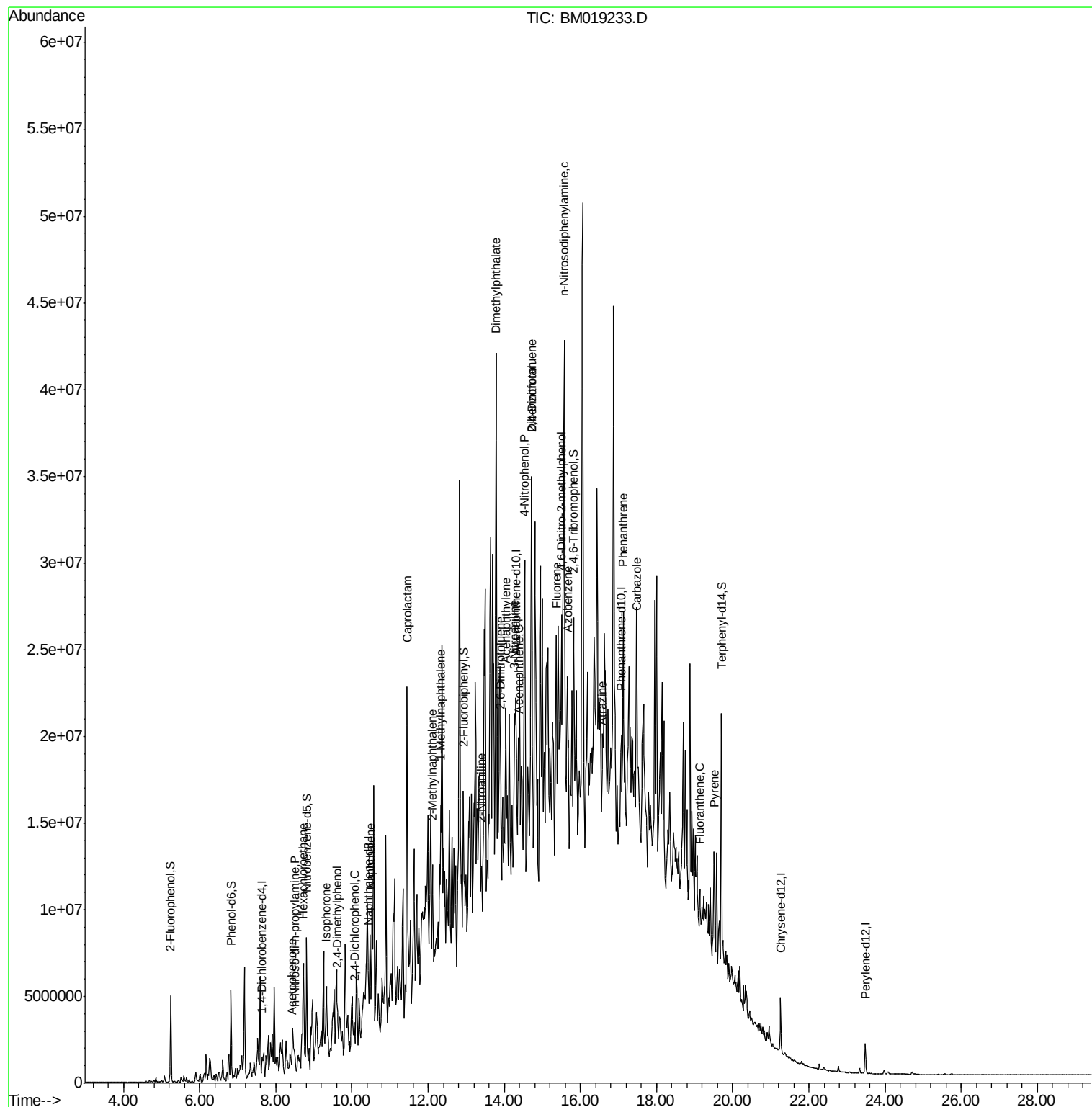
Target Compounds					Qvalue	
18) Hexachloroethane	8.73	117	477695	59.790	ng	# 1
19) n-Nitroso-di-n-propylamine	8.50	70	184334	9.263	ng	# 70
22) Acetophenone	8.42	105	112150	3.434	ng	# 60
25) Isophorone	9.33	82	444327	9.313	ng	# 1
27) 2,4-Dimethylphenol	9.63	122	43909	2.740	ng	# 60
29) 2,4-Dichlorophenol	10.07	162	39008	2.198	ng	# 28
31) Naphthalene	10.48	128	794130	12.748	ng	# 74
35) Caprolactam	11.45	113	914226	144.616	ng	# 85
37) 2-Methylnaphthalene	12.12	142	3541345	78.232	ng	# 100
38) 1-Methylnaphthalene	12.33	142	3418787	76.623	ng	# 100
48) 2-Nitroaniline	13.40	65	51669	2.621	ng	# 1
49) Acenaphthylene	14.04	152	290814	2.926	ng	# 1
50) Dimethylphthalate	13.77	163	524256	6.797	ng	# 89
51) 2,6-Dinitrotoluene	13.91	165	63057	3.782	ng	# 55
52) Acenaphthene	14.38	154	583476	10.218	ng	# 86
53) 3-Nitroaniline	14.27	138	47483	2.689	ng	# 39
55) Dibenzofuran	14.72	168	753442	8.182	ng	# 1
56) 4-Nitrophenol	14.53	139	659700	45.755	ng	# 59
57) 2,4-Dinitrotoluene	14.72	165	424884	17.555	ng	# 62
58) Fluorene	15.37	166	1623034	21.382	ng	# 84
63) Azobenzene	15.66	77	194478	2.366	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.50	198	28246	2.441	ng	# 1
66) n-Nitrosodiphenylamine	15.58	169	2805543	49.898	ng	# 51
69) Atrazine	16.57	200	134128	7.087	ng	# 63
71) Phenanthrene	17.12	178	6908644	66.740	ng	# 96
73) Carbazole	17.49	167	195500	2.044	ng	# 1
75) Fluoranthene	19.14	202	312370	2.630	ng	# 65
78) Pyrene	19.50	202	1567092	18.956	ng	# 85

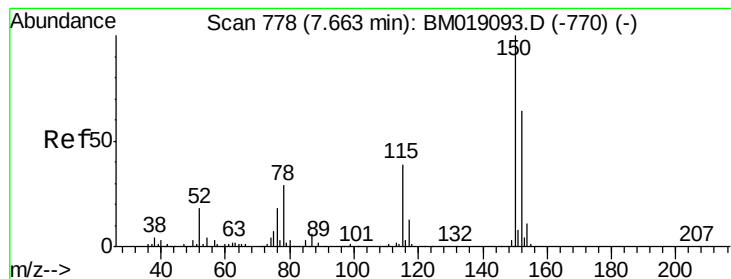
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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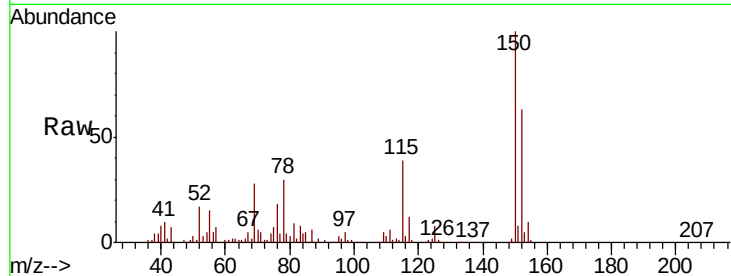


#1

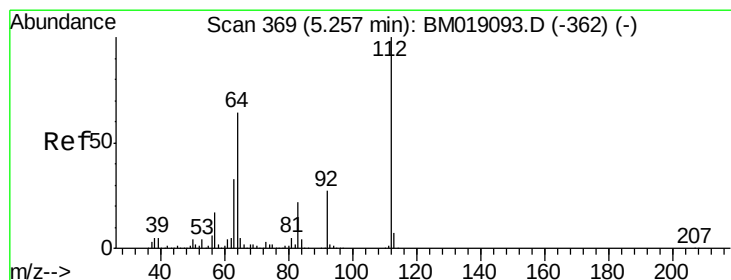
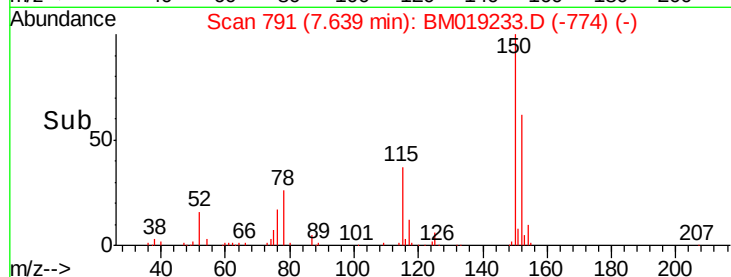
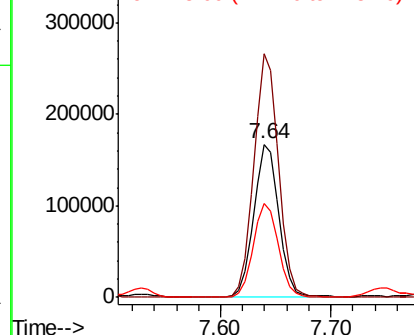
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 268570
Ion Ratio Lower Upper
152 100
150 158.8 124.6 187.0
115 61.3 48.2 72.4



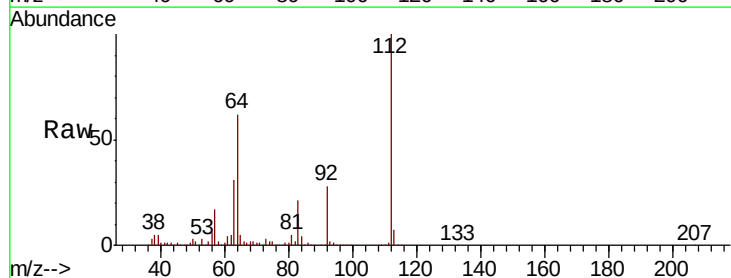
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



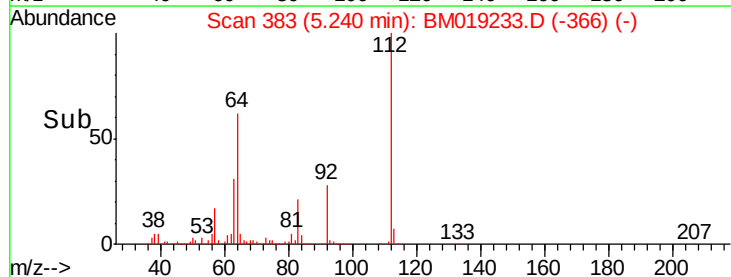
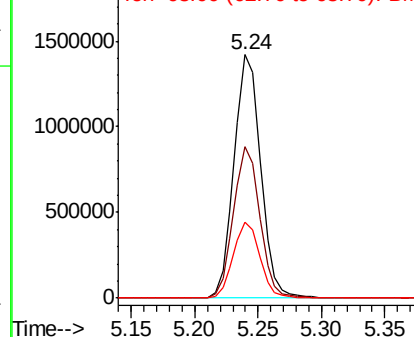
#5

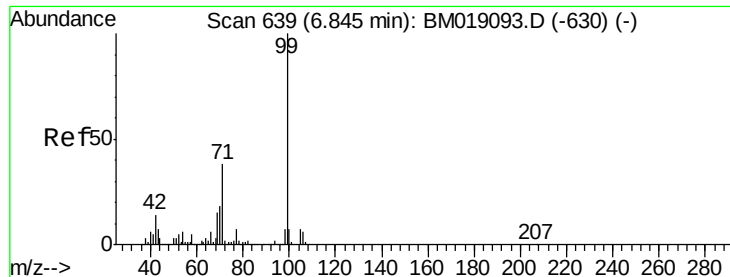
2-Fluorophenol
Concen: 124.258 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Tgt Ion:112 Resp: 2060665
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.6
63 31.2 24.7 37.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 123.171 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

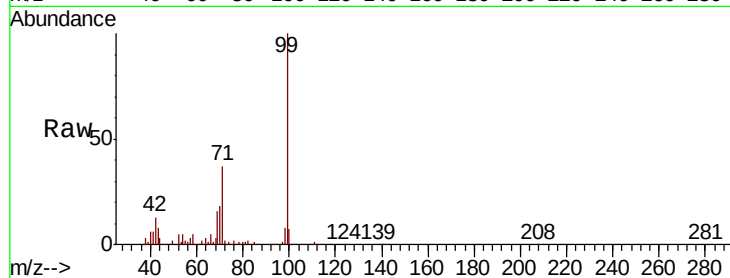
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2987769

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.8	16.2
71	37.5	30.1	45.1

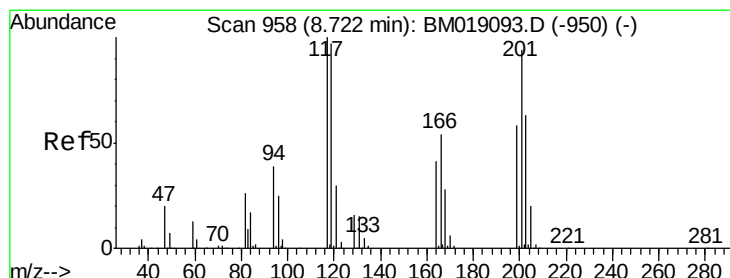
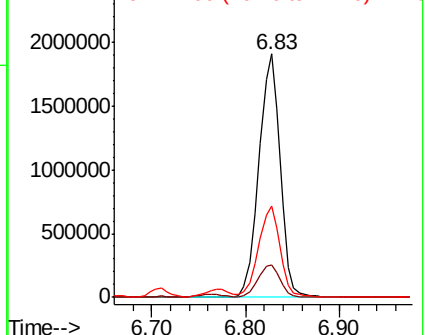
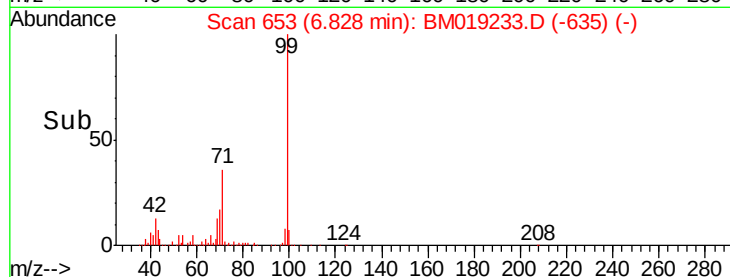


Abundance

Ion 99.00 (98.70 to 99.70): BM019233.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM019233.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM019233.D (-635) (-)



#18

Hexachloroethane

Concen: 59.790 ng

RT: 8.73 min Scan# 977

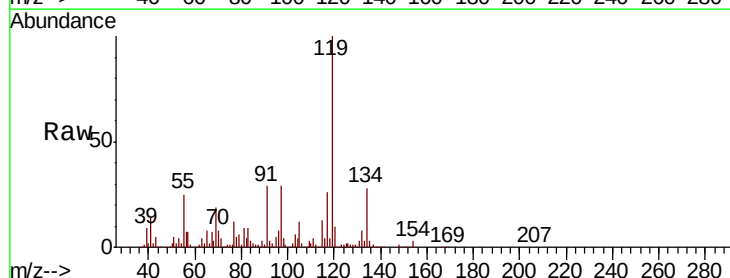
Delta R.T. 0.04 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Tgt Ion: 117 Resp: 477695

Ion	Ratio	Lower	Upper
117	100		
119	381.1	75.6	113.4#
201	0.0	81.4	122.0#

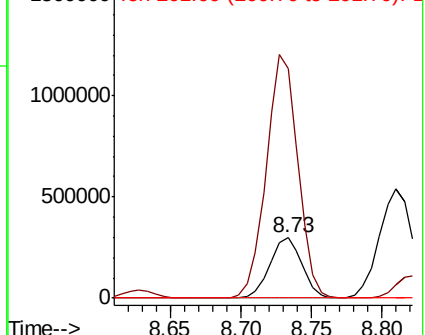
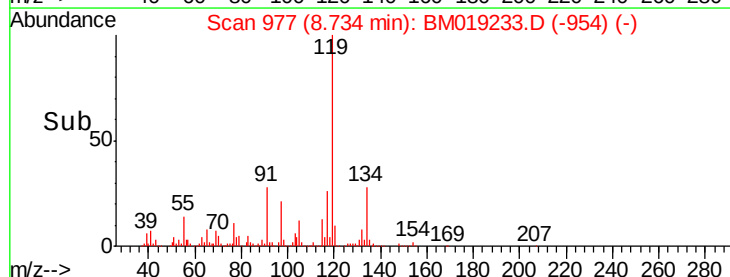


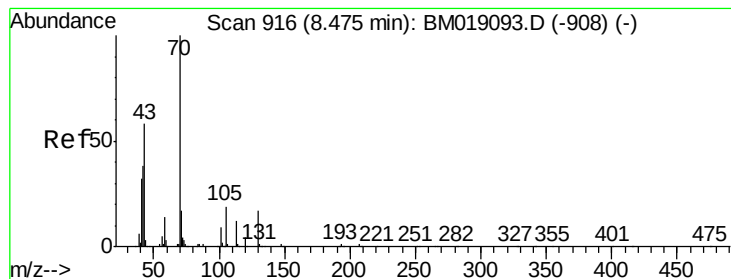
Abundance

Ion 117.00 (116.70 to 117.70): BM019233.D (-954) (-)

Ion 119.00 (118.70 to 119.70): BM019233.D (-954) (-)

Ion 201.00 (200.70 to 201.70): BM019233.D (-954) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 9.263 ng

RT: 8.50 min Scan# 937

Delta R.T. 0.05 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 184334

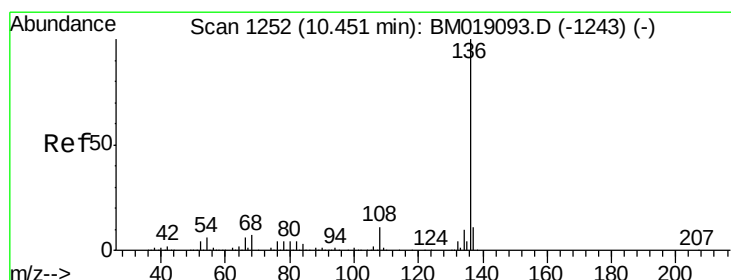
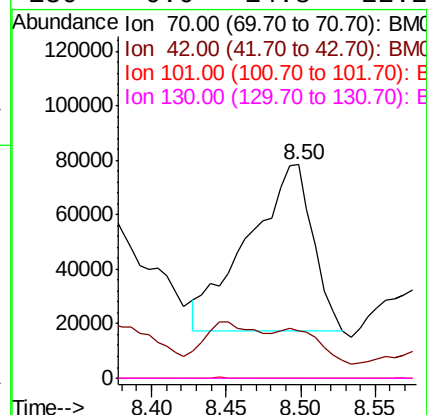
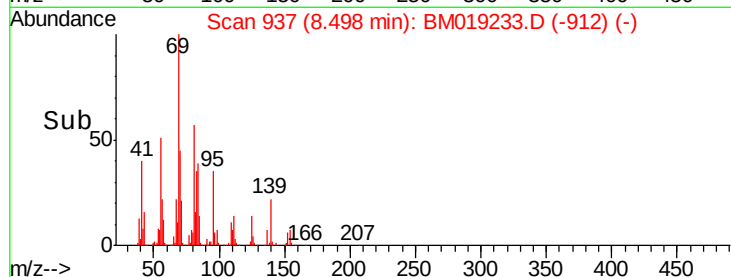
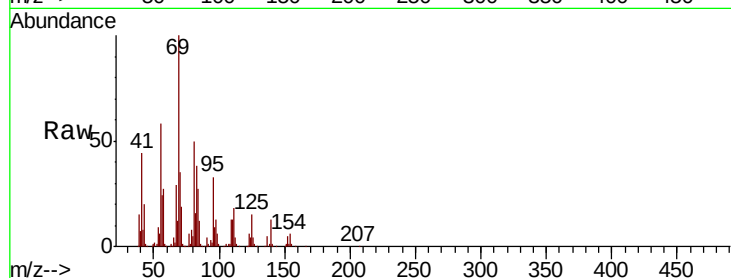
Ion Ratio Lower Upper

70 100

42 22.1 29.8 44.6#

101 0.0 7.4 11.2#

130 0.0 14.8 22.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Tgt Ion: 136 Resp: 1181871

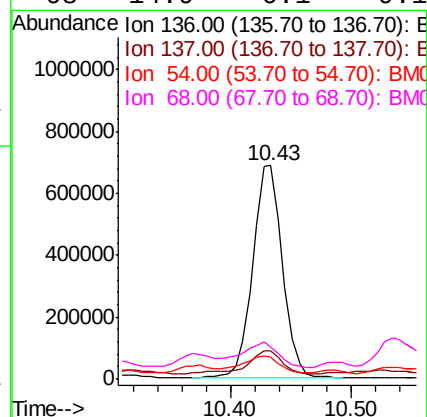
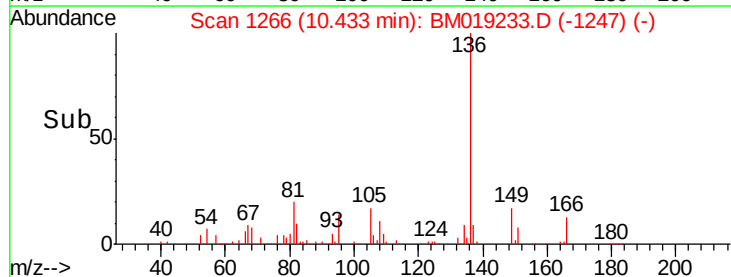
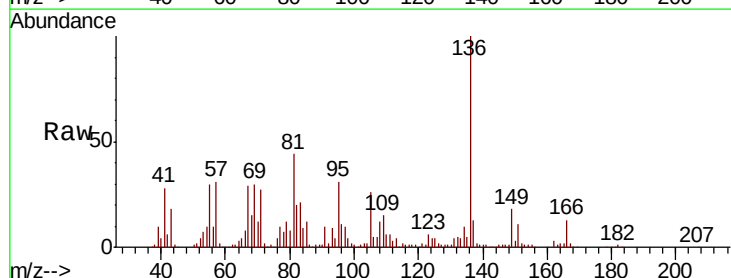
Ion Ratio Lower Upper

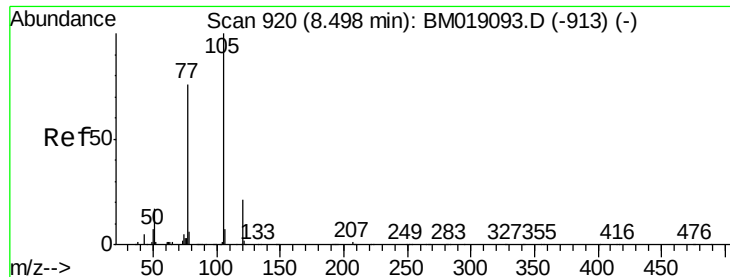
136 100

137 13.2 9.0 13.4

54 10.2 5.2 7.8#

68 14.9 6.1 9.1#





#22

Acetophenone

Concen: 3.434 ng

RT: 8.42 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 112150

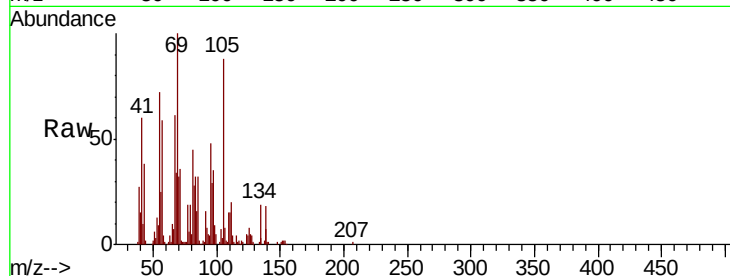
Ion Ratio Lower Upper

105 100

71 41.4 1.4 2.2#

51 7.0 15.8 23.8#

120 0.0 16.8 25.2#

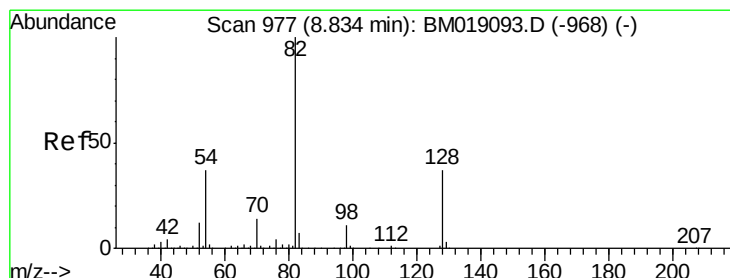
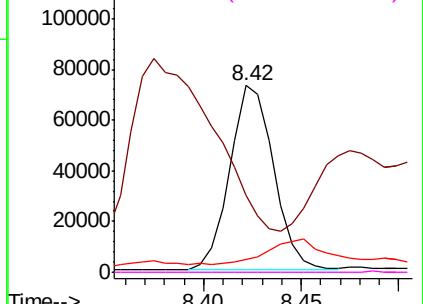
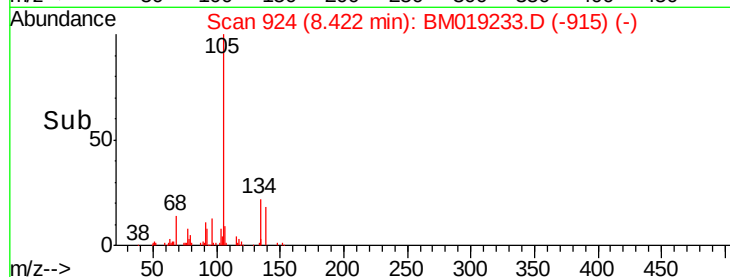


Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.118 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

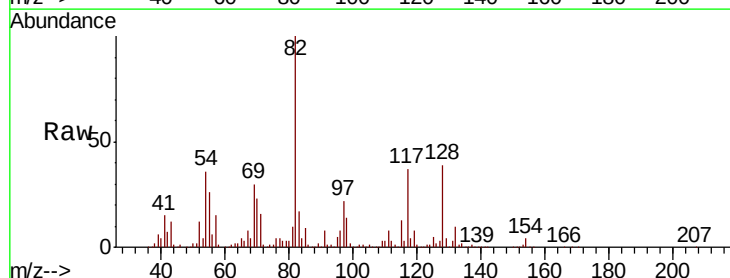
Tgt Ion: 82 Resp: 1953138

Ion Ratio Lower Upper

82 100

128 38.8 30.2 45.4

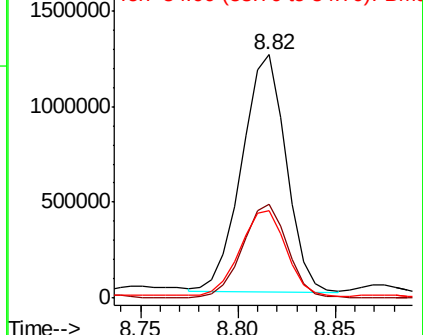
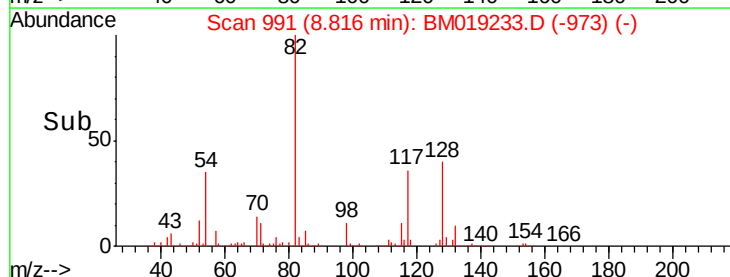
54 35.9 29.0 43.4

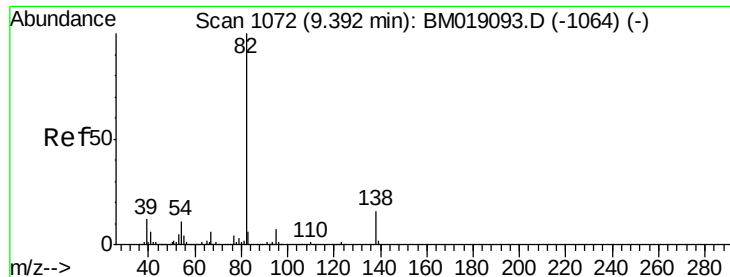


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#25

Isophorone

Concen: 9.313 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.04 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampled :

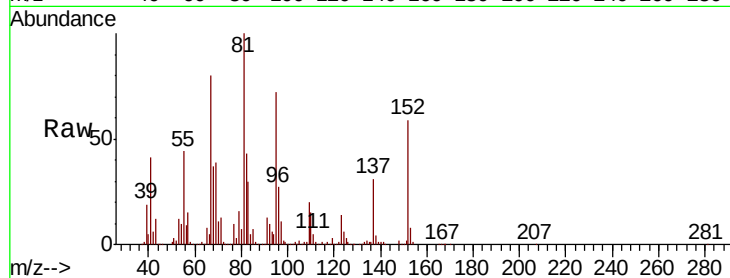
Tot Ion: 82 Resp: 444327

Ion Ratio Lower Upper

82 100

95 167.5 5.6 8.4#

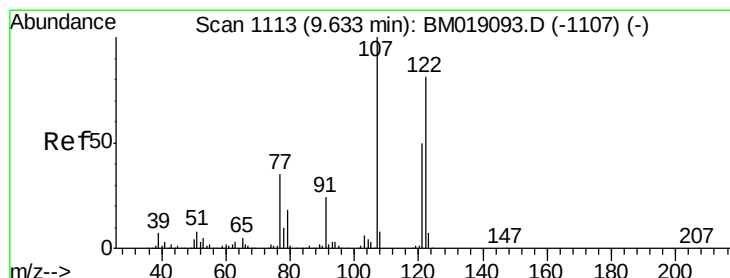
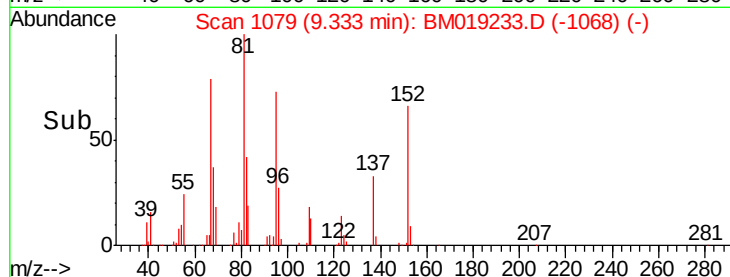
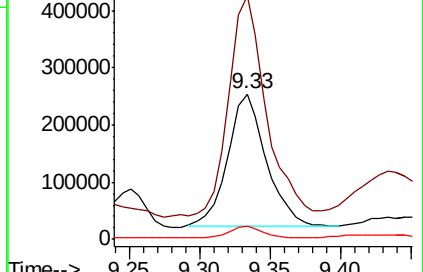
138 9.4 12.6 19.0#



Abundance Ion 82.00 (81.70 to 82.70): BM019233.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019233.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019233.D (-1064) (-)



#27

2,4-Dimethylphenol

Concen: 2.740 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

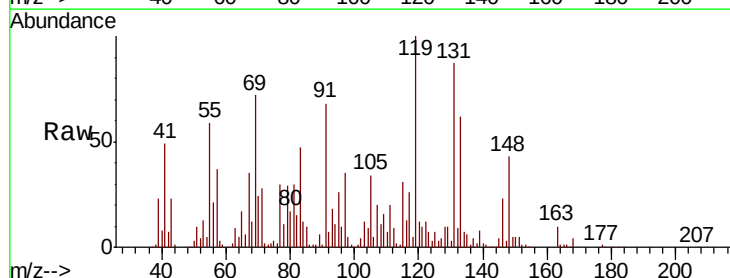
Tgt Ion: 122 Resp: 43909

Ion Ratio Lower Upper

122 100

107 170.3 96.7 145.1#

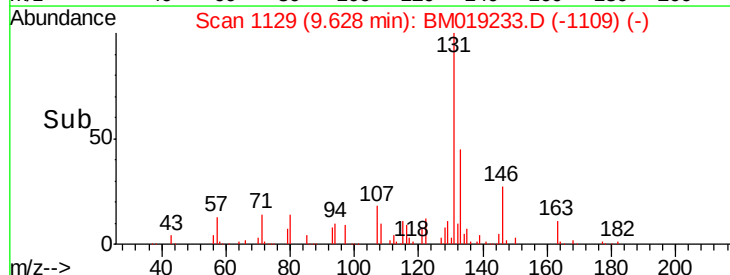
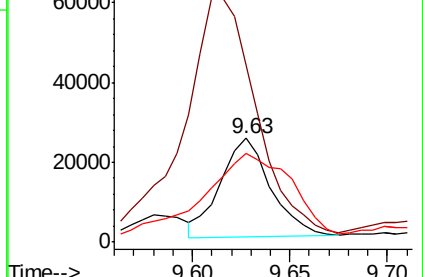
121 85.0 49.0 73.6#

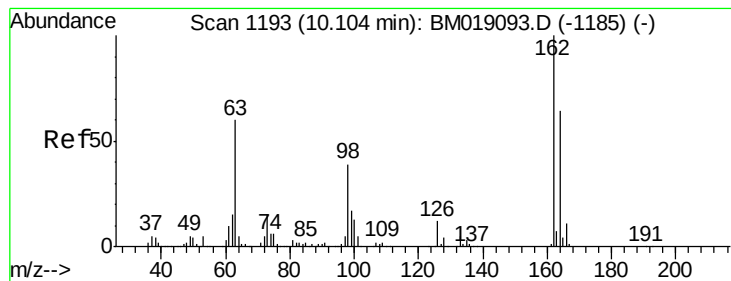


Abundance Ion 122.00 (121.70 to 122.70): BM019233.D (-1109) (-)

Ion 107.00 (106.70 to 107.70): BM019233.D (-1109) (-)

Ion 121.00 (120.70 to 121.70): BM019233.D (-1109) (-)





#29

2,4-Dichlorophenol

Concen: 2.198 ng

RT: 10.07 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampled :

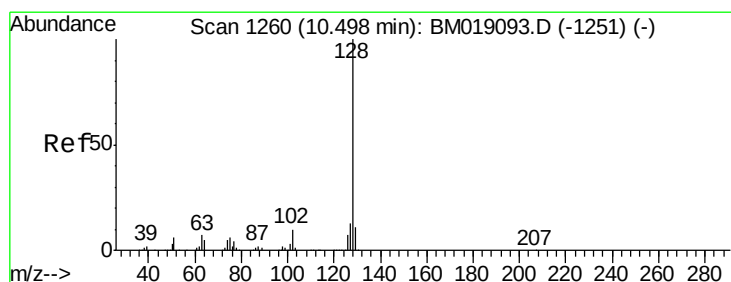
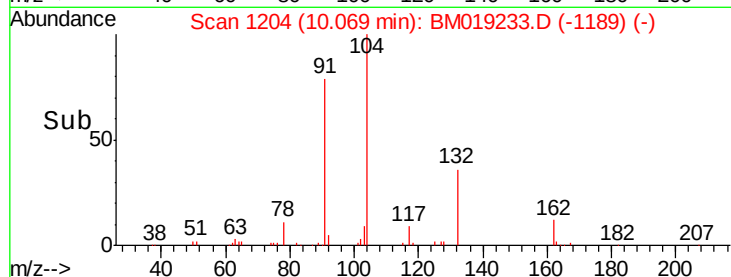
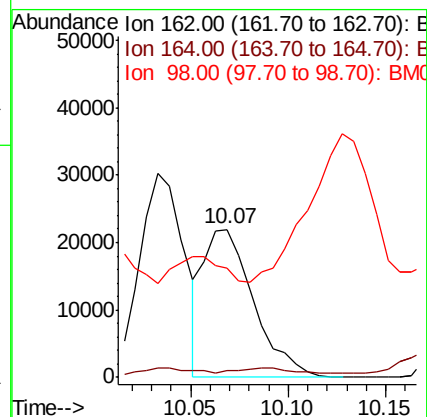
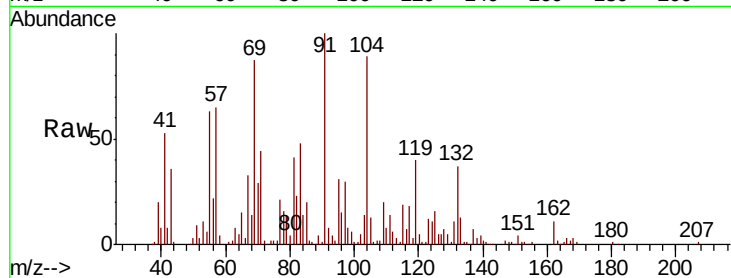
Tot Ion:162 Resp: 39008

Ion Ratio Lower Upper

162 100

164 4.4 45.6 85.6#

98 74.0 17.2 57.2#



#31

Naphthalene

Concen: 12.748 ng

RT: 10.48 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

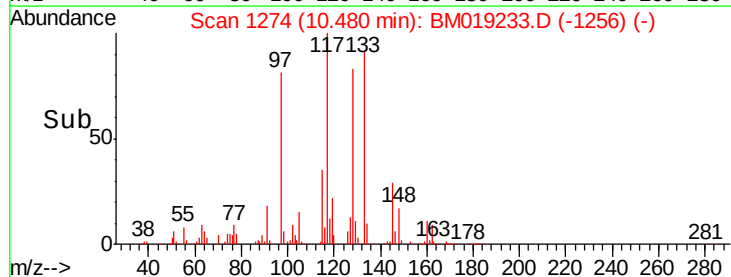
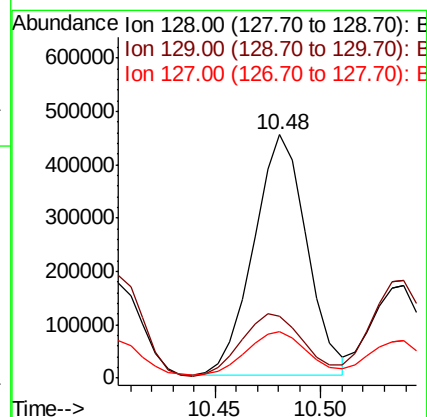
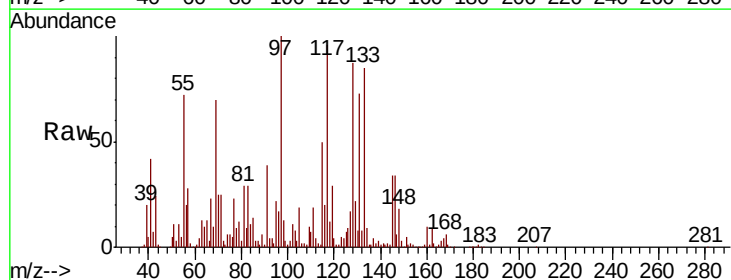
Tgt Ion:128 Resp: 794130

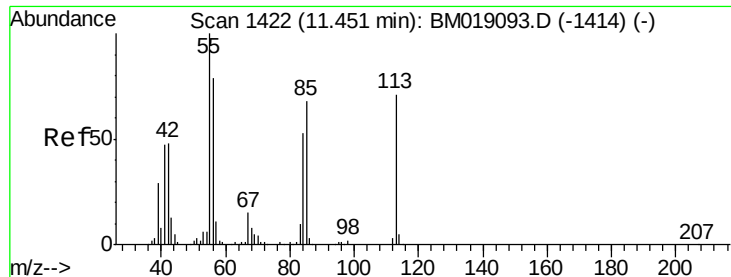
Ion Ratio Lower Upper

128 100

129 25.6 8.6 12.8#

127 19.1 10.6 15.8#





#35

Caprolactam

Concen: 144.616 ng

RT: 11.45 min Scan# 1438

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampled :

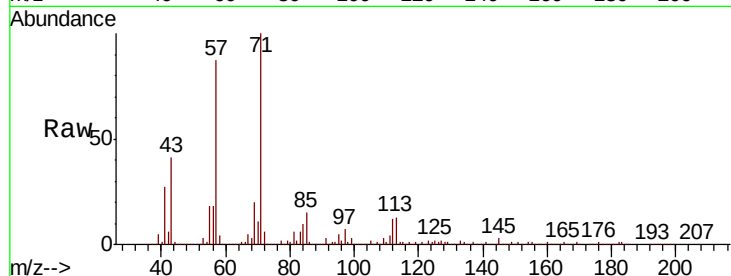
Tot Ion:113 Resp: 914226

Ion Ratio Lower Upper

113 100

55 140.2 118.8 158.8

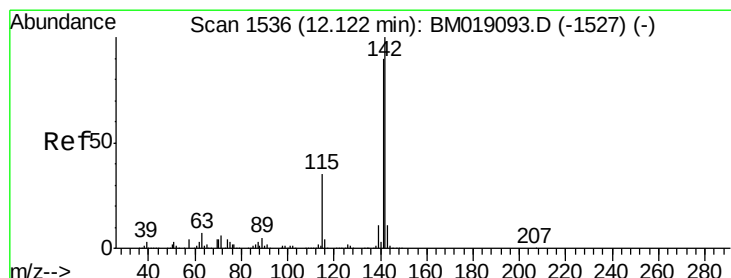
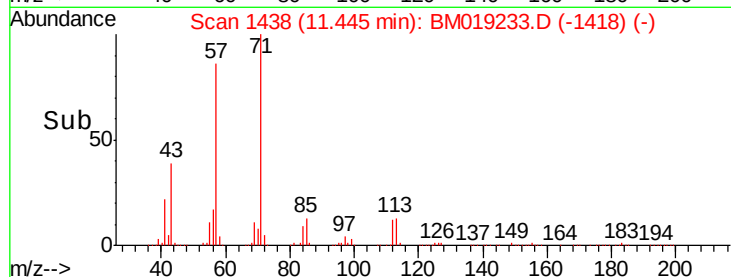
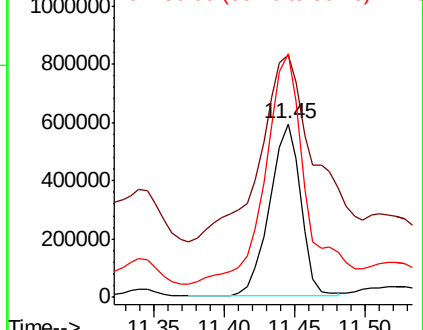
56 140.6 87.0 127.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

2-Methylnaphthalene

Concen: 78.232 ng

RT: 12.12 min Scan# 1552

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

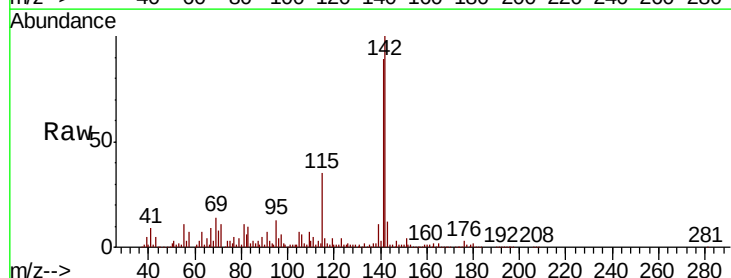
Tgt Ion:142 Resp: 3541345

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.0

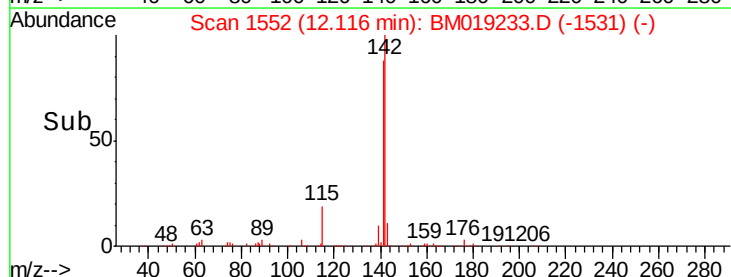
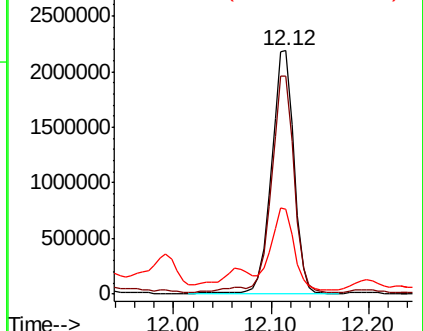
115 34.8 28.0 42.0

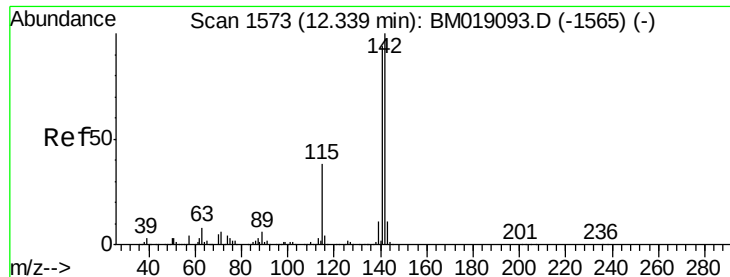


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 76.623 ng

RT: 12.33 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

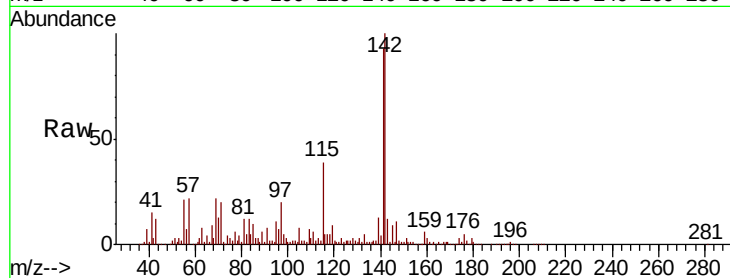
Tot Ion:142 Resp: 3418787

Ion Ratio Lower Upper

142 100

141 93.2 74.7 112.1

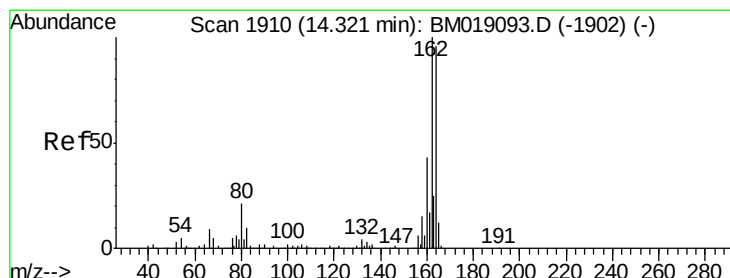
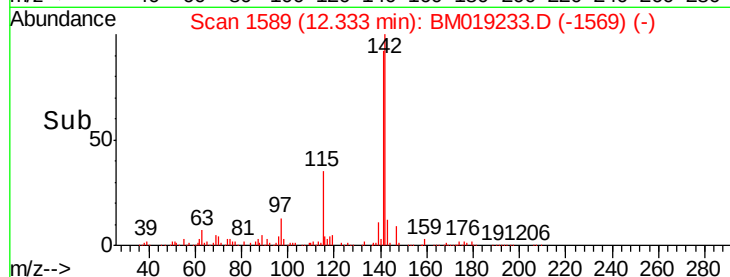
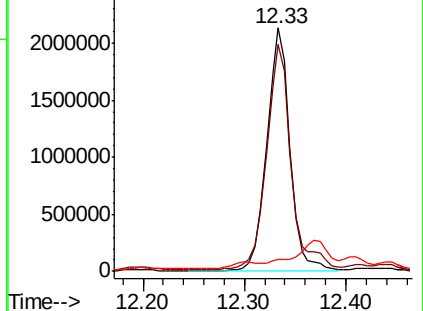
116 5.1 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

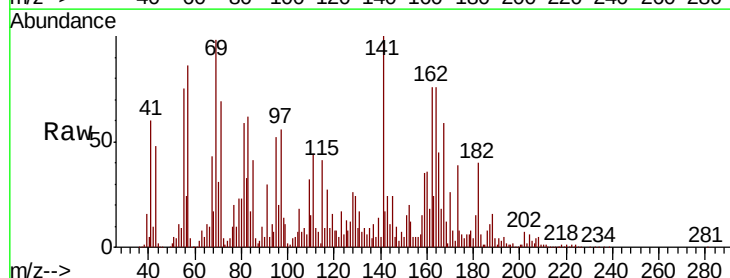
Tgt Ion:164 Resp: 901627

Ion Ratio Lower Upper

164 100

162 99.5 83.8 125.6

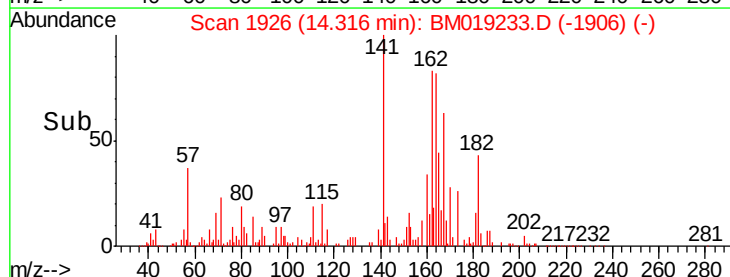
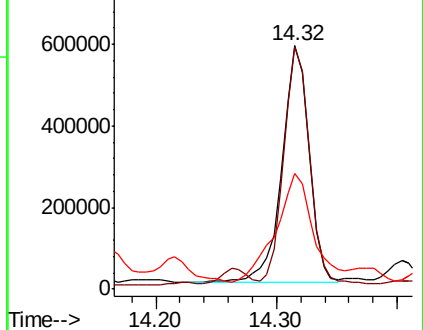
160 47.2 36.7 55.1

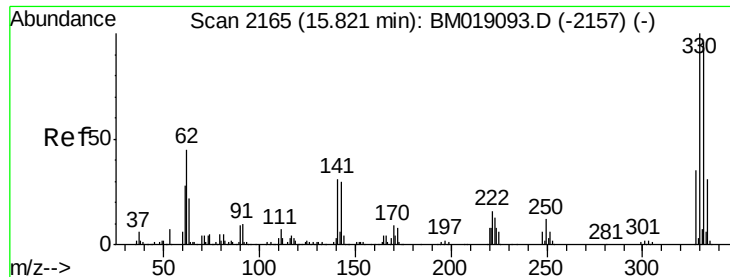


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 129.058 ng

RT: 15.83 min Scan# 2183

Delta R.T. 0.03 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

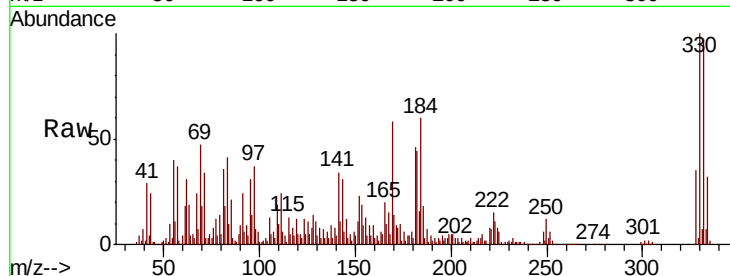
Tot Ion:330 Resp: 1718042

Ion Ratio Lower Upper

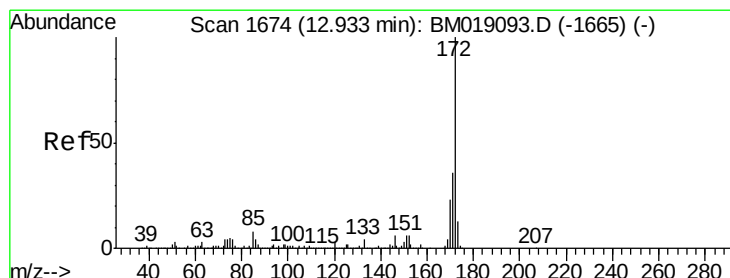
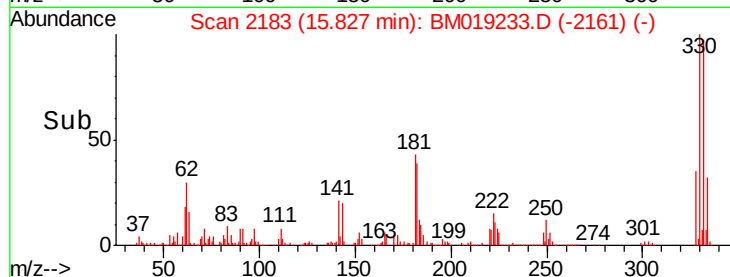
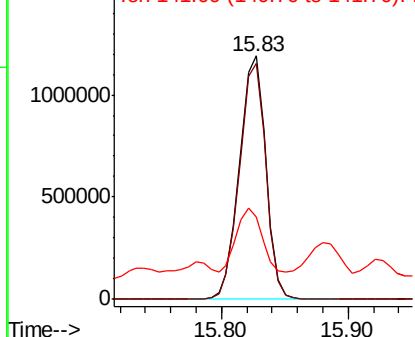
330 100

332 97.1 77.6 116.4

141 25.2 26.2 39.2#



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: 65.957 ng

RT: 12.92 min Scan# 1689

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

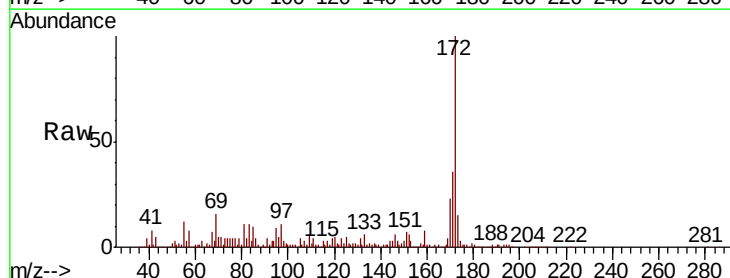
Tgt Ion:172 Resp: 4571854

Ion Ratio Lower Upper

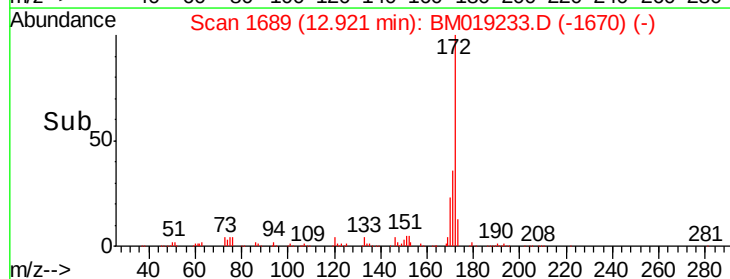
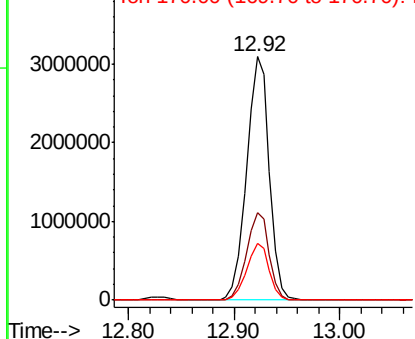
172 100

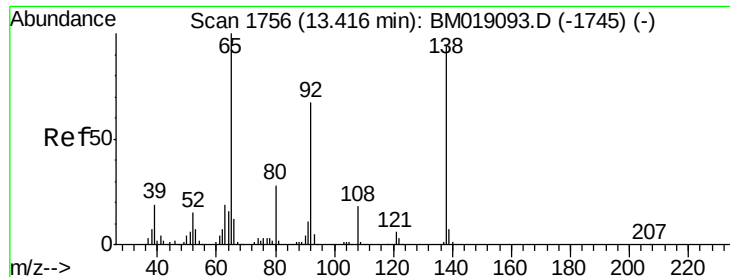
171 36.1 28.9 43.3

170 23.4 18.9 28.3



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

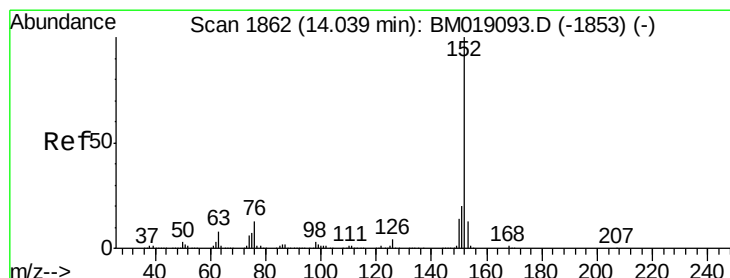
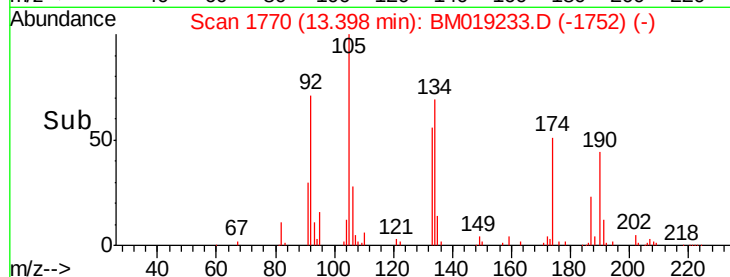
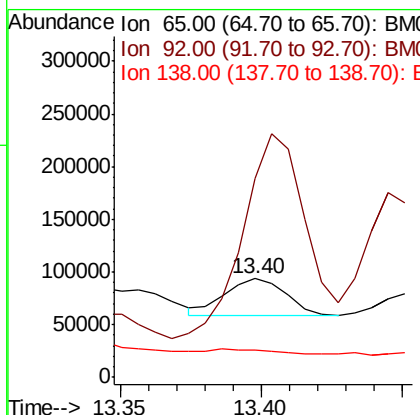
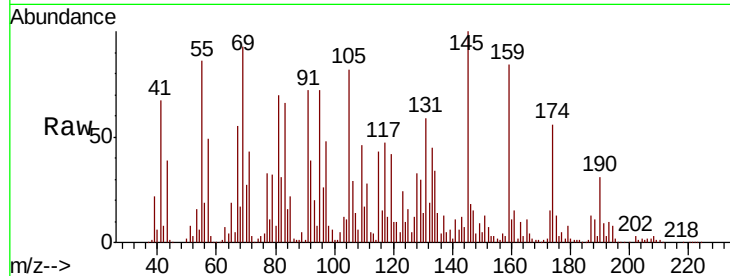




#48
2-Nitroaniline
Concen: 2.621 ng
RT: 13.40 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

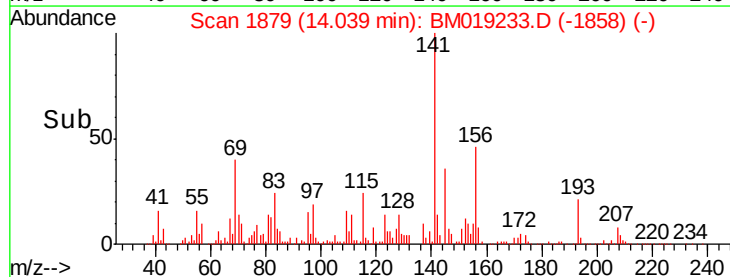
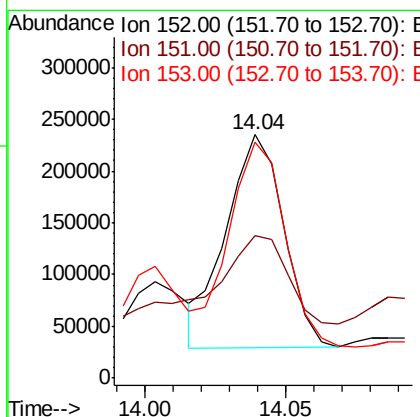
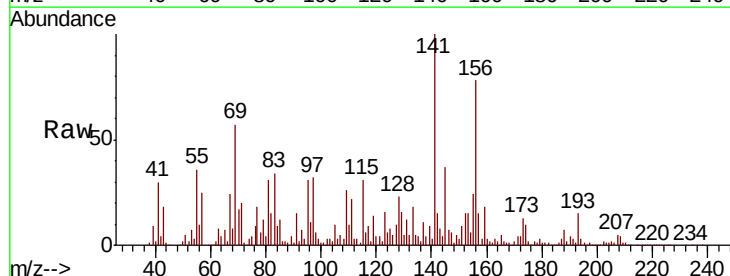
Instrument :
BNA_M
ClientSampled :

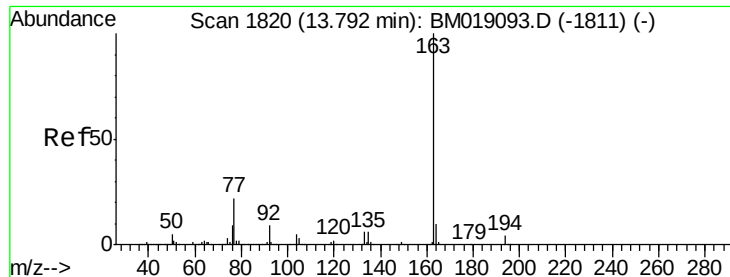
Tot Ion: 65 Resp: 51669
Ion Ratio Lower Upper
65 100
92 201.7 54.1 81.1#
138 27.4 77.4 116.0#



#49
Acenaphthylene
Concen: 2.926 ng
RT: 14.04 min Scan# 1879
Delta R.T. 0.02 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Tgt Ion: 152 Resp: 290814
Ion Ratio Lower Upper
152 100
151 58.6 16.1 24.1#
153 97.0 10.6 16.0#





#50

Dimethylphthalate

Concen: 6.797 ng

RT: 13.77 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampled :

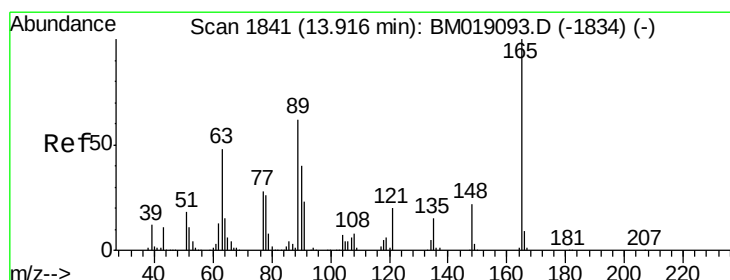
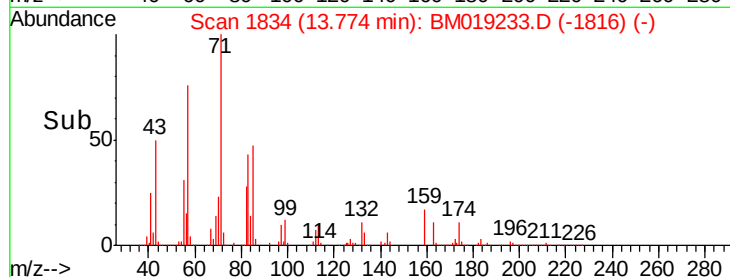
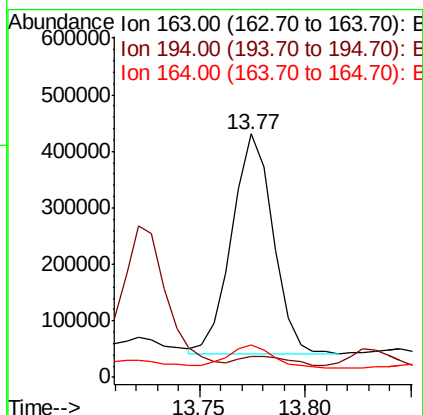
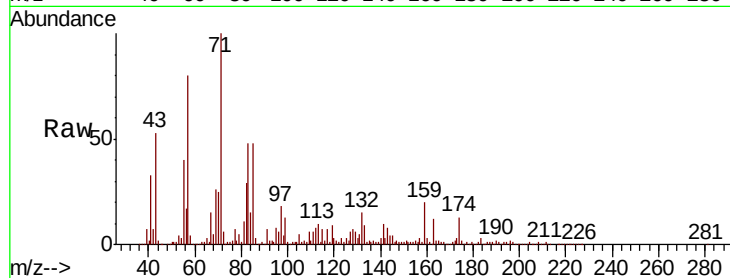
Tot Ion:163 Resp: 524256

Ion Ratio Lower Upper

163 100

194 8.7 3.2 4.8#

164 13.5 7.9 11.9#



#51

2,6-Dinitrotoluene

Concen: 3.782 ng

RT: 13.91 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

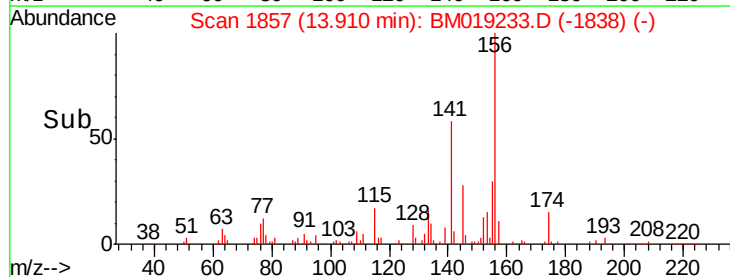
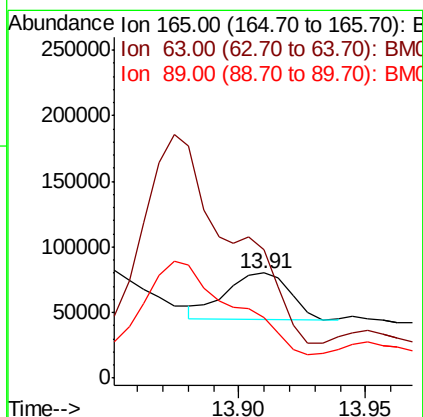
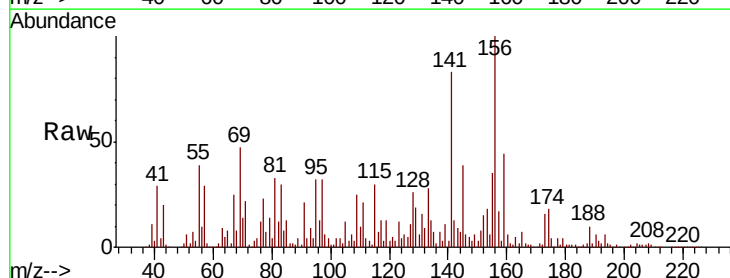
Tgt Ion:165 Resp: 63057

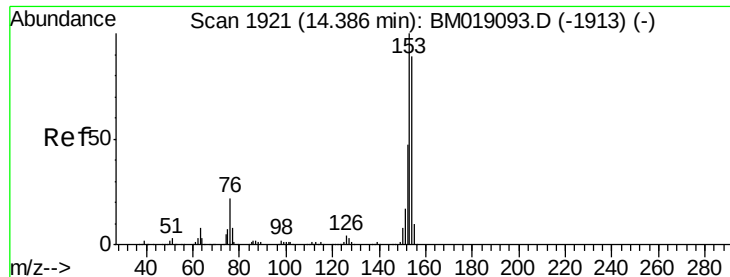
Ion Ratio Lower Upper

165 100

63 122.3 45.0 67.4#

89 58.1 47.0 70.4





#52

Acenaphthene

Concen: 10.218 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

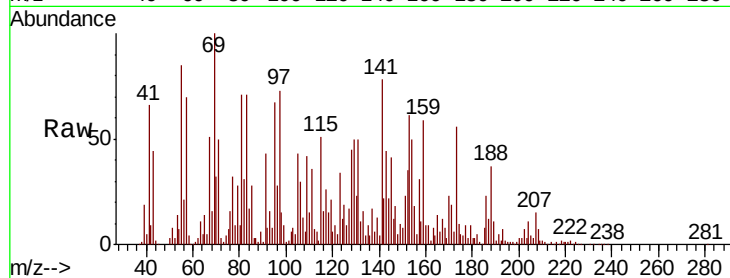
Tot Ion:154 Resp: 583476

Ion Ratio Lower Upper

154 100

153 123.9 90.9 136.3

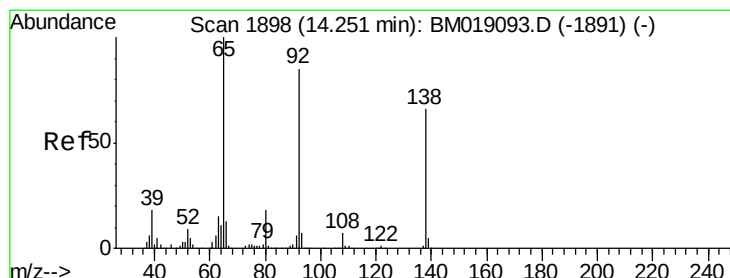
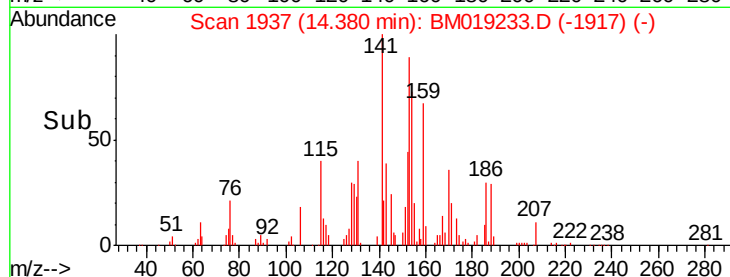
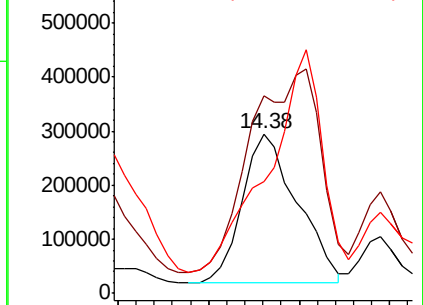
152 70.5 42.3 63.5#



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



#53

3-Nitroaniline

Concen: 2.689 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.04 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

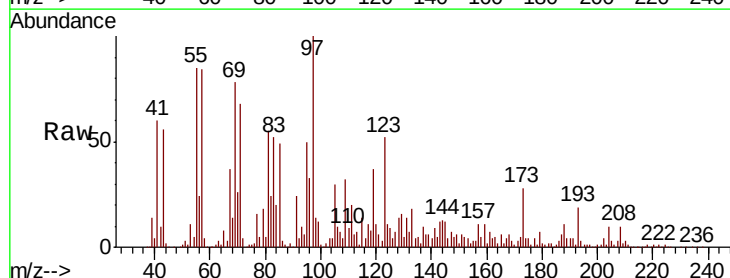
Tgt Ion:138 Resp: 47483

Ion Ratio Lower Upper

138 100

108 62.7 8.4 12.6#

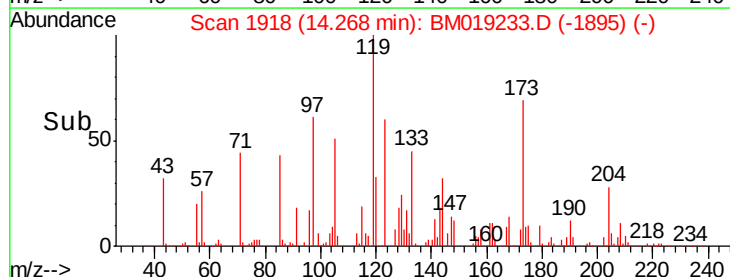
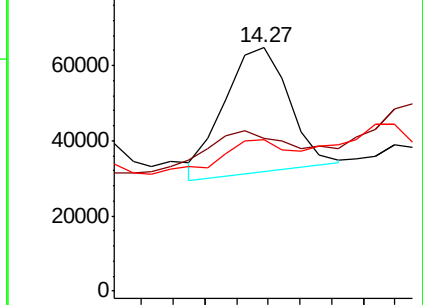
92 62.4 99.3 148.9#

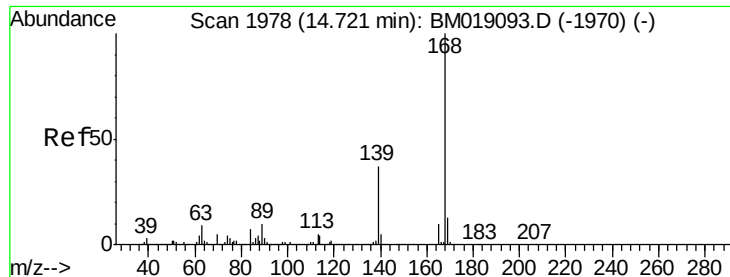


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#55

Dibenzofuran

Concen: 8.182 ng

RT: 14.72 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

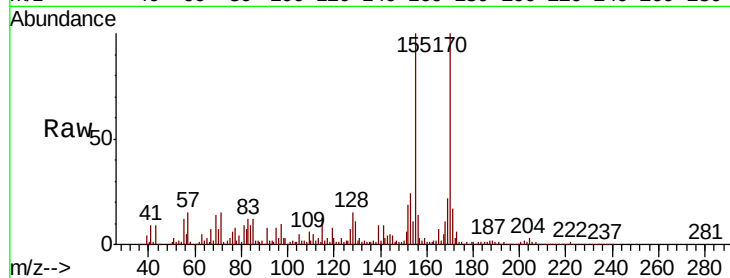
Tot Ion:168 Resp: 753442

Ion Ratio Lower Upper

168 100

139 80.2 29.6 44.4#

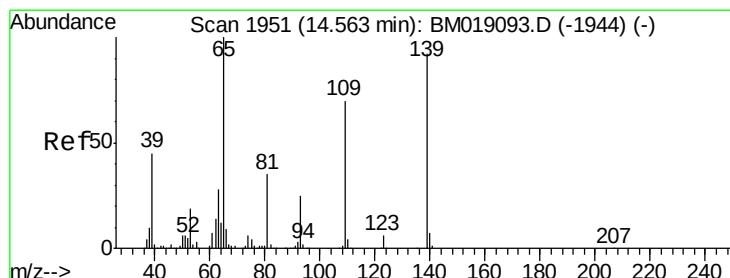
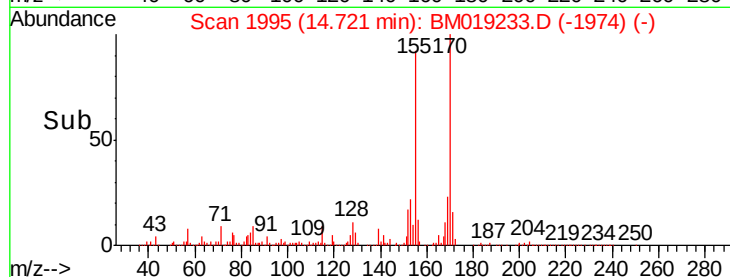
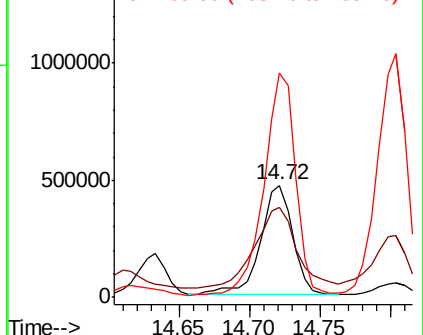
169 200.7 10.6 16.0#



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



#56

4-Nitrophenol

Concen: 45.755 ng

RT: 14.53 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

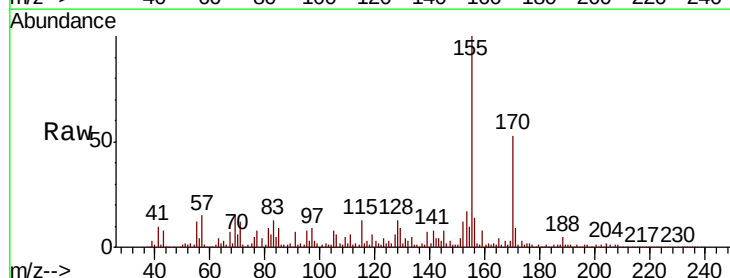
Tgt Ion:139 Resp: 659700

Ion Ratio Lower Upper

139 100

109 77.8 52.6 92.6

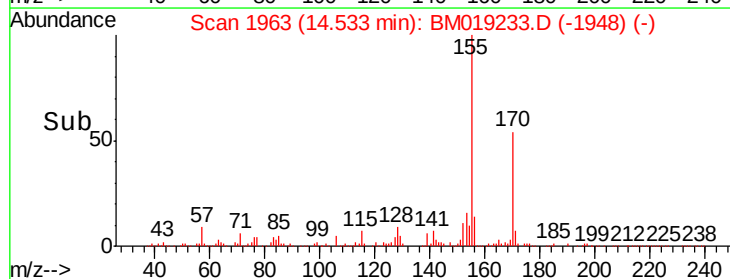
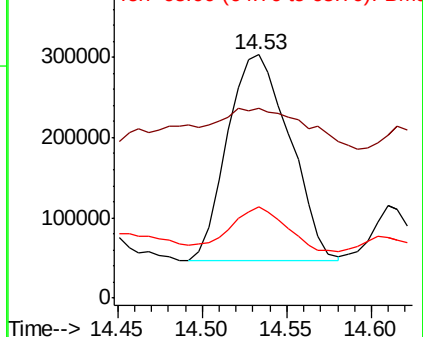
65 37.3 84.8 124.8#

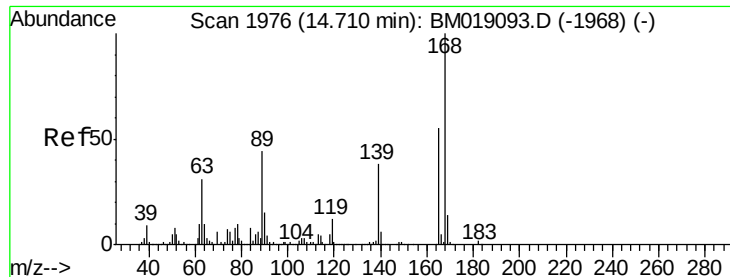


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

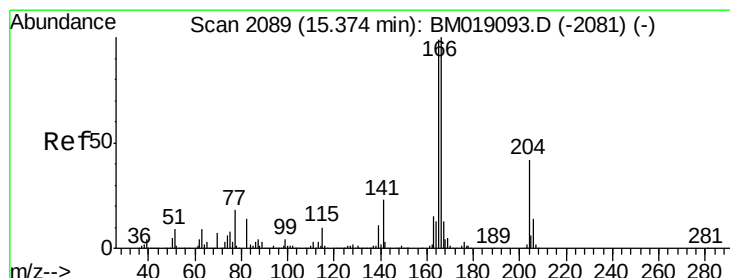
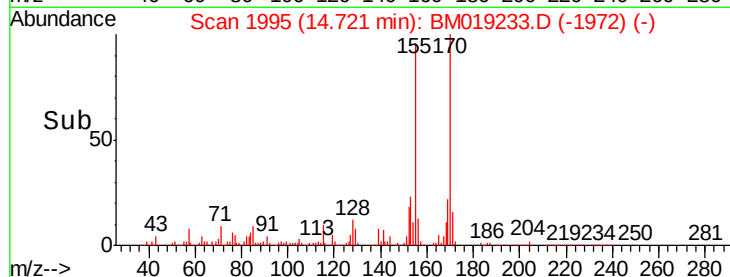
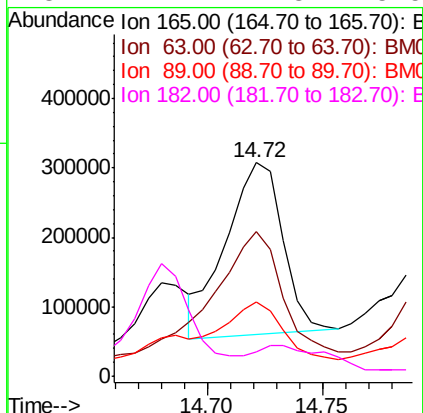
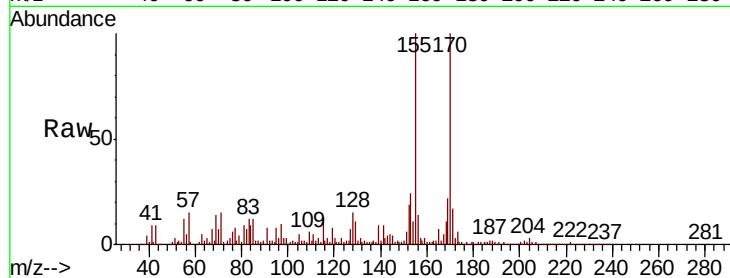




#57
2,4-Dinitrotoluene
Concen: 17.555 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.04 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

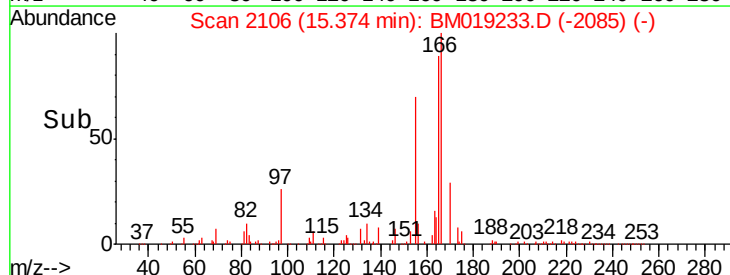
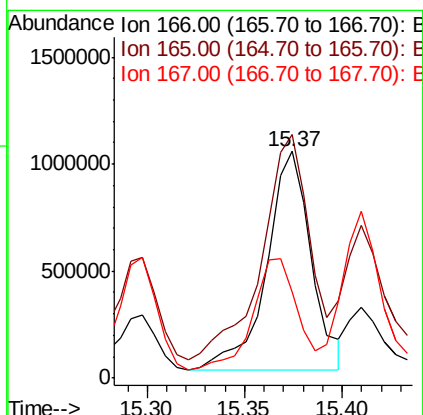
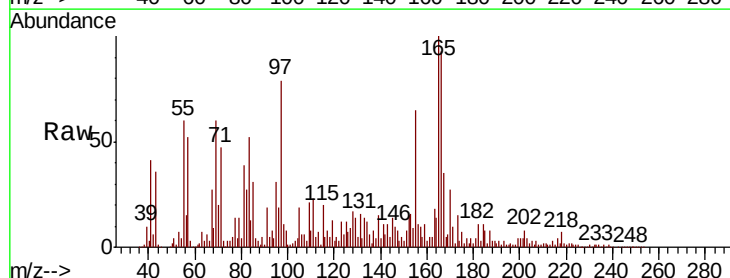
Instrument :
BNA_M
ClientSampled :

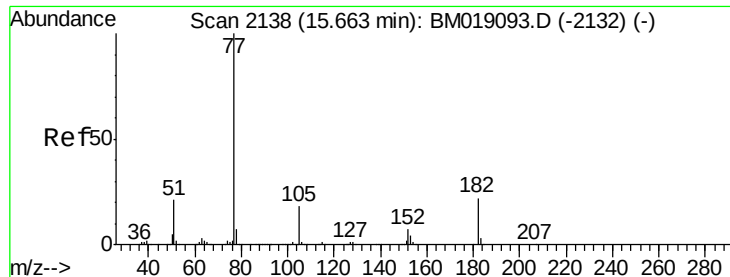
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.6	44.6	66.8#
89	34.6	65.0	97.6#
182	11.2	2.3	3.5#



#58
Fluorene
Concen: 21.382 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.02 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.3	78.4	117.6
167	37.8	10.6	16.0#

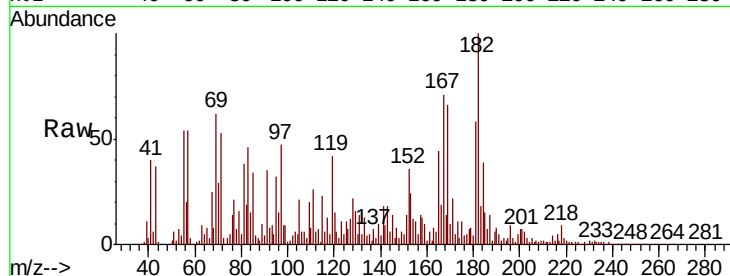




#63
Azobenzene
Concen: 2.366 ng
RT: 15.66 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	473.1	1.2	41.2#
105	100.9	0.0	37.9#
51	28.5	0.4	40.4



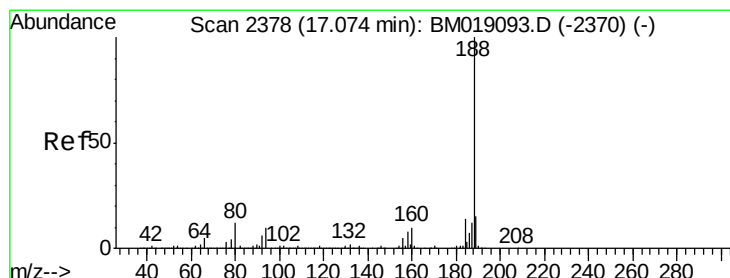
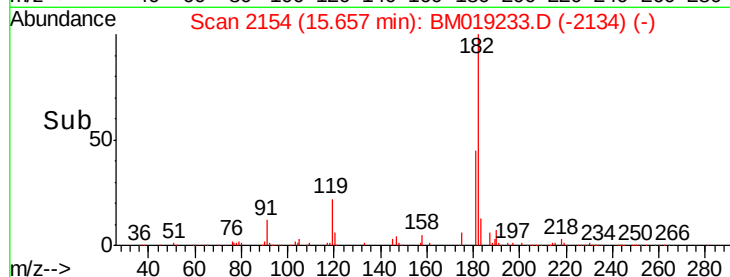
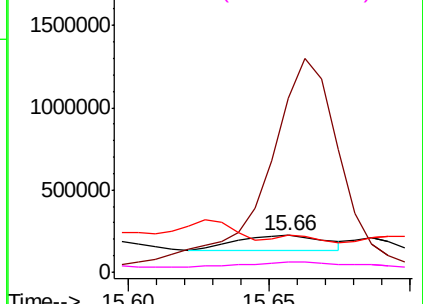
Abundance

Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

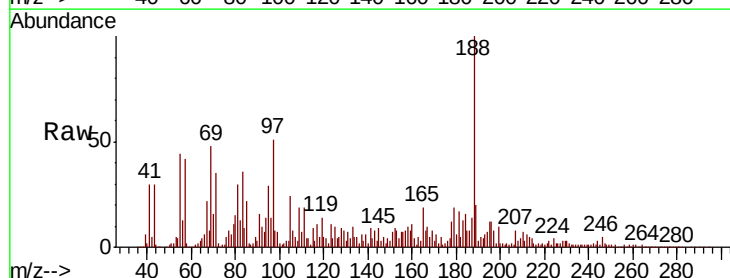
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.02 min
Lab File: BM019233.D
Acq: 19 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	8.3	12.5#
80	15.0	10.2	15.2

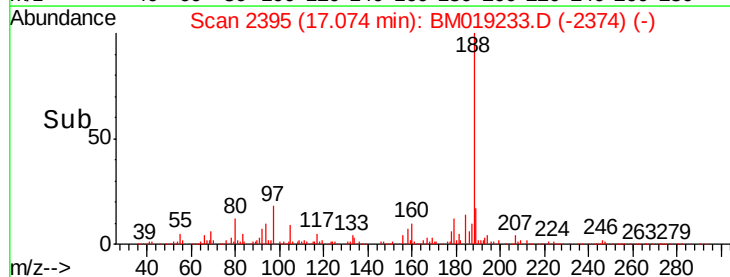
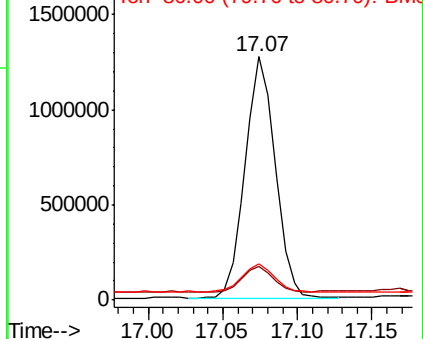


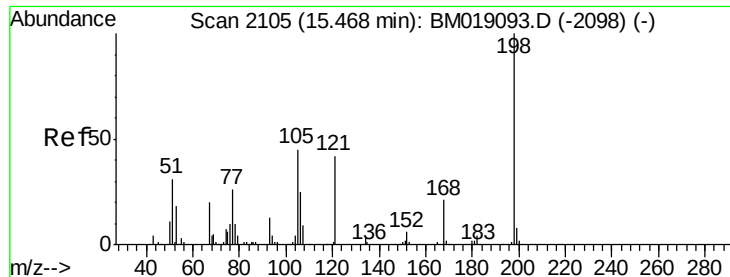
Abundance

Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 2.441 ng

RT: 15.50 min Scan# 2127

Delta R.T. 0.05 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

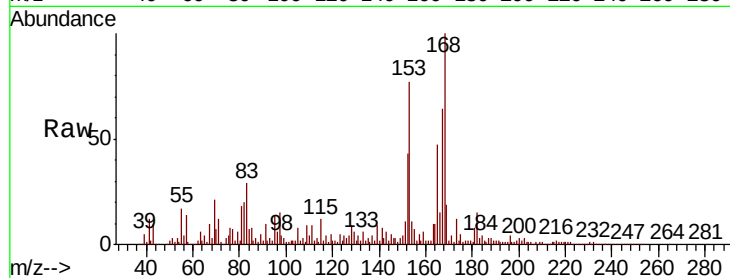
Tot Ion:198 Resp: 28246

Ion Ratio Lower Upper

198 100

51 352.7 15.6 55.6#

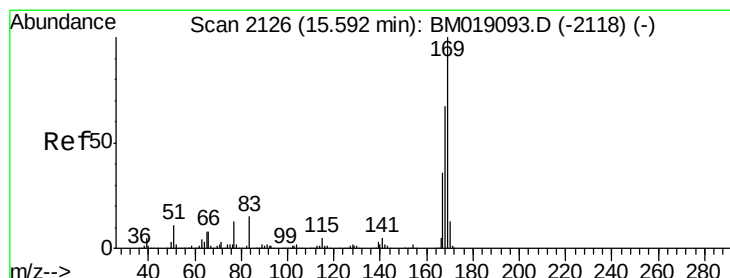
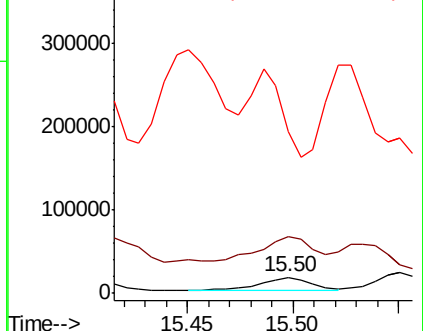
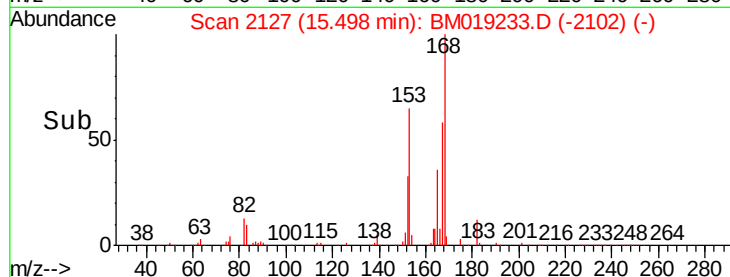
105 992.1 25.7 65.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.898 ng

RT: 15.58 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

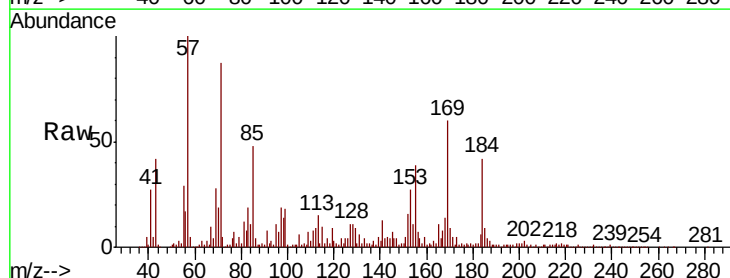
Tgt Ion:169 Resp: 2805543

Ion Ratio Lower Upper

169 100

168 23.1 54.1 81.1#

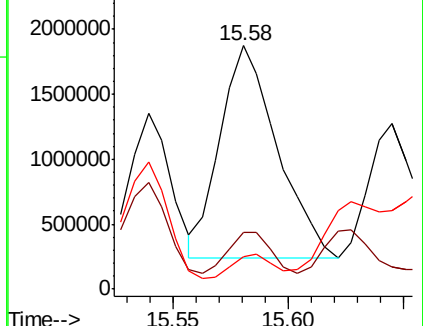
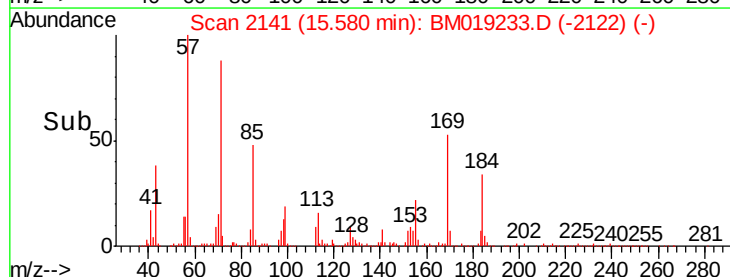
167 13.3 28.6 43.0#

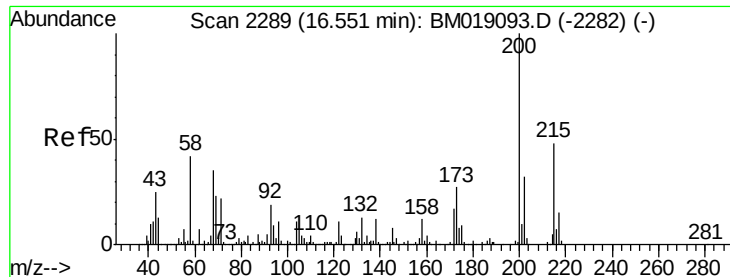


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

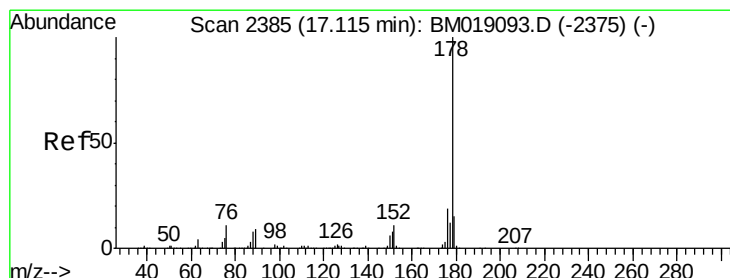
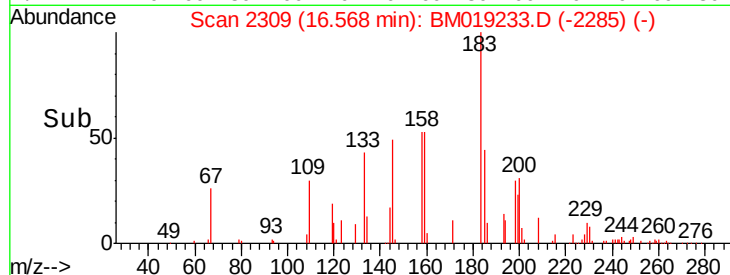
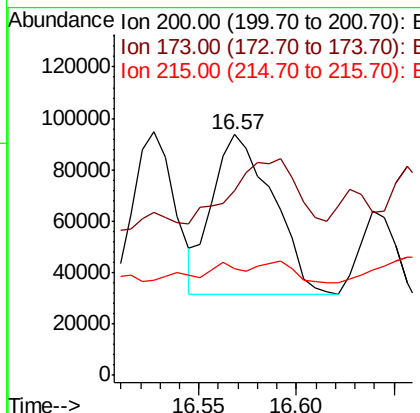
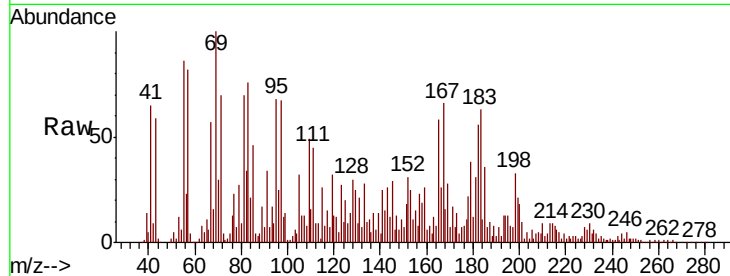




#69
 Atrazine
 Concen: 7.087 ng
 RT: 16.57 min Scan# 2309
 Delta R.T. 0.04 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

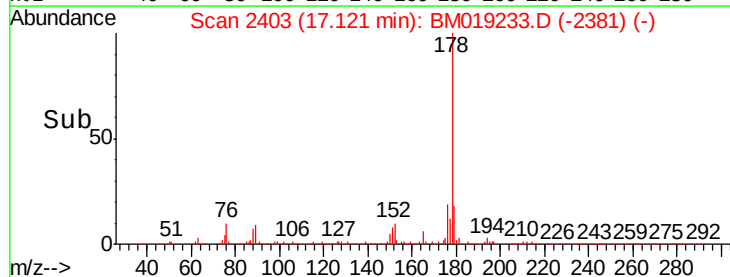
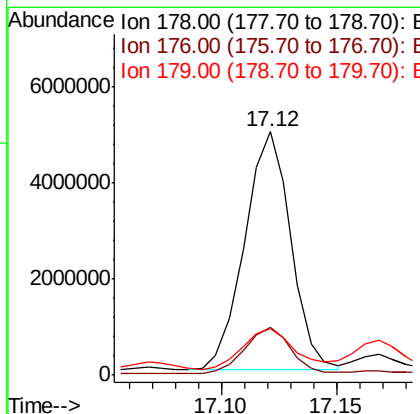
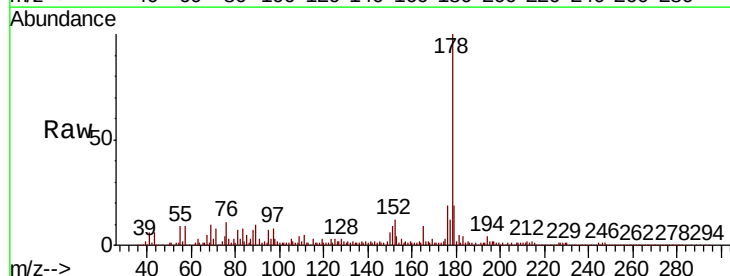
Instrument :
 BNA_M
 ClientSampleId :

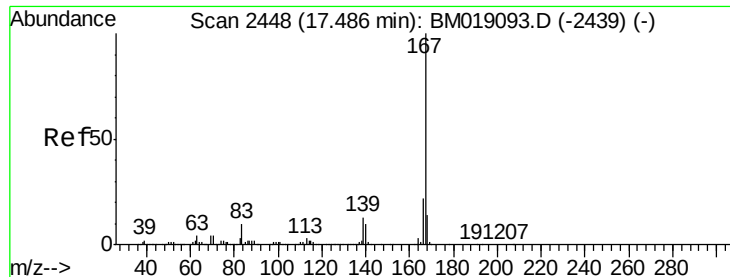
Tot Ion:200 Resp: 134128
 Ion Ratio Lower Upper
 200 100
 173 76.8 7.8 47.8#
 215 44.5 26.9 66.9



#71
 Phenanthrene
 Concen: 66.740 ng
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.03 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

Tgt Ion:178 Resp: 6908644
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 18.8 12.5 18.7#

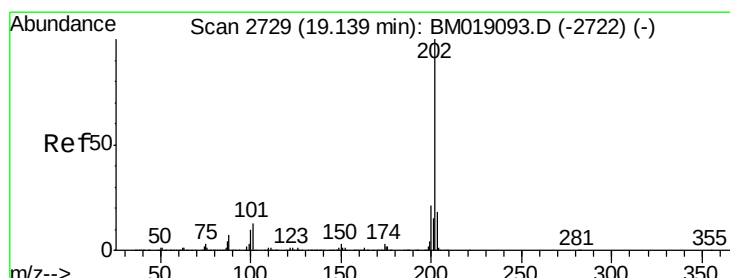
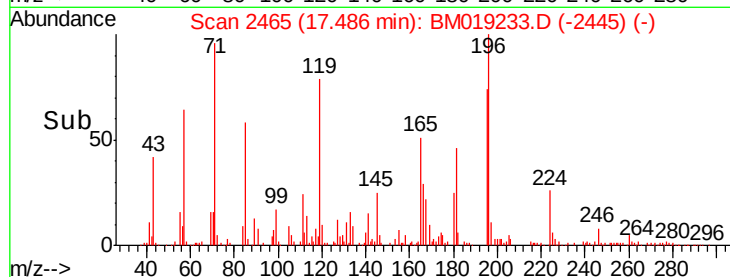
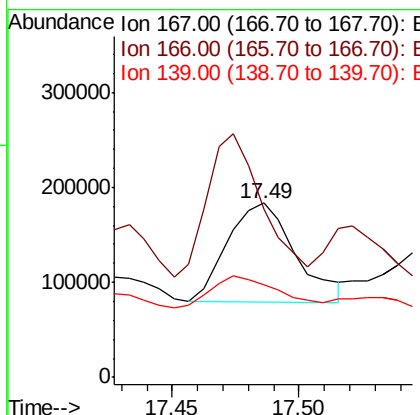
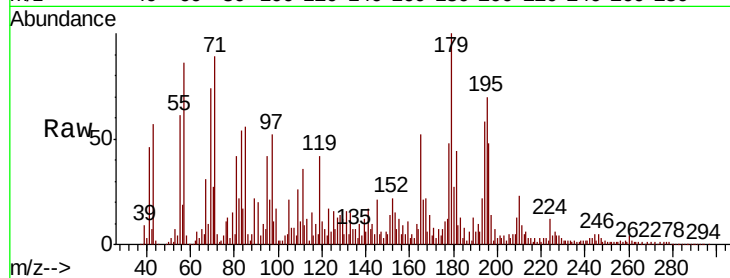




#73
 Carbazole
 Concen: 2.044 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.02 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

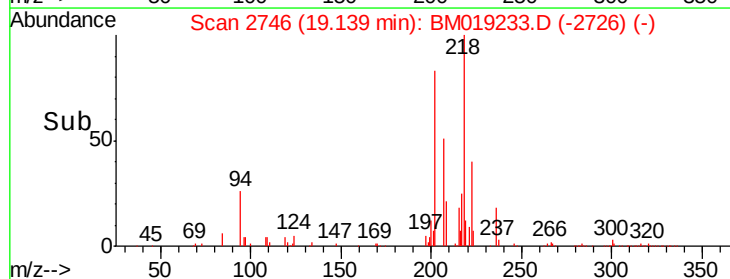
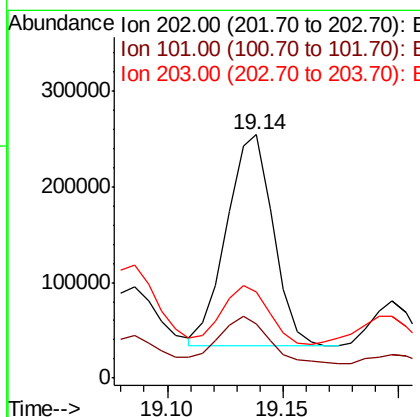
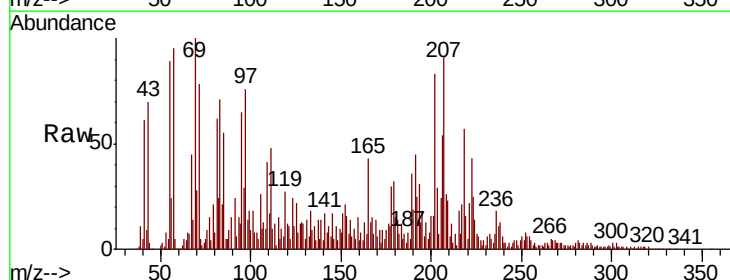
Instrument :
 BNA_M
 ClientSampleId :

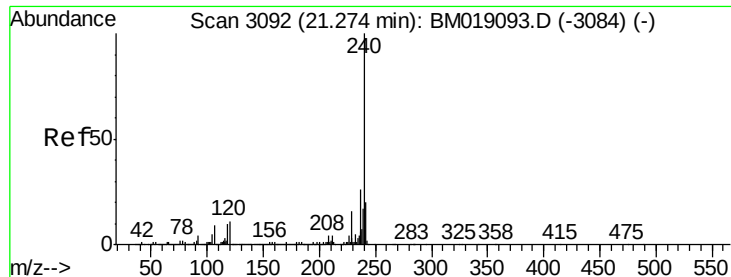
Tot Ion	Ratio	Lower	Upper
167	100		
166	96.4	17.7	26.5#
139	52.8	10.3	15.5#



#75
 Fluoranthene
 Concen: 2.630 ng
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.02 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	22.2	0.0	31.8
203	35.2	0.0	37.6

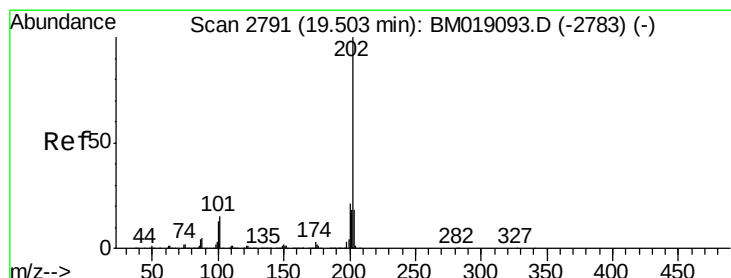
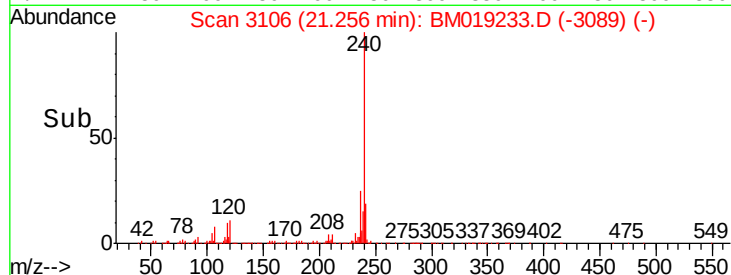
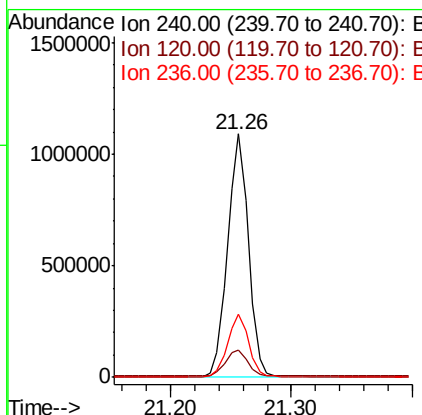
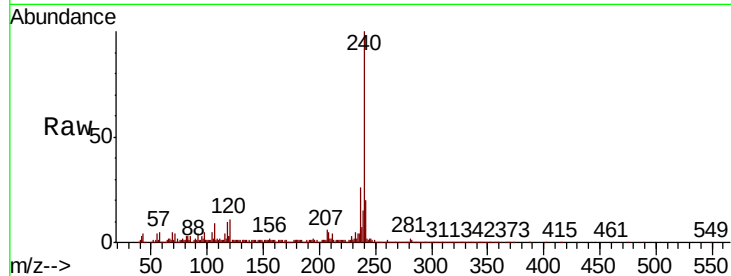




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

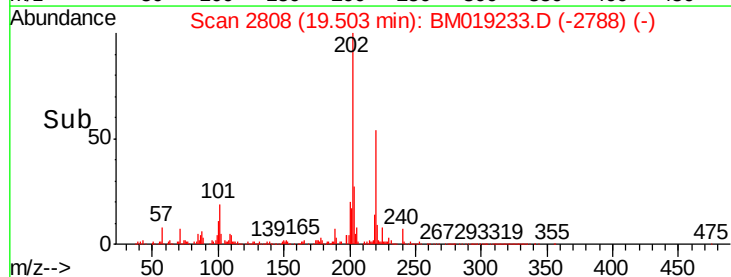
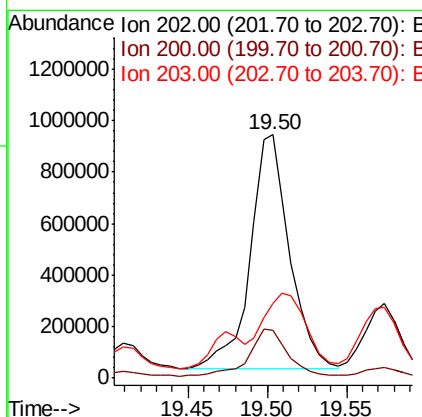
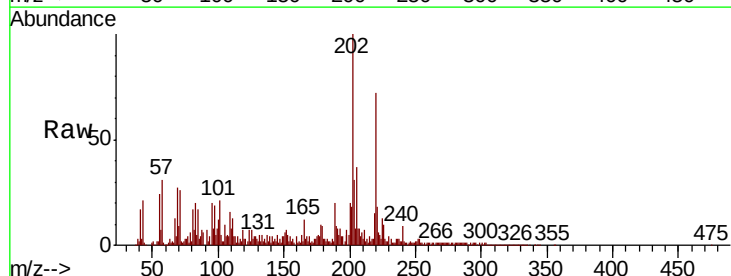
Instrument :
 BNA_M
 ClientSampled :

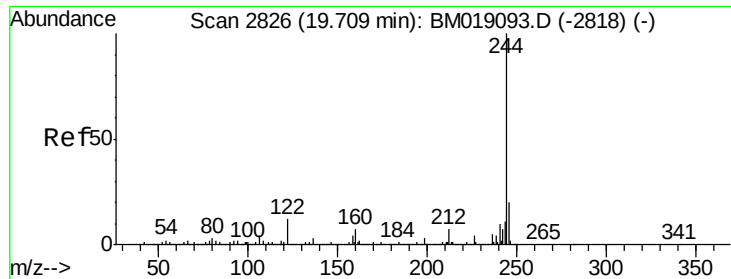
Tot Ion:240 Resp: 1306608
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.5 12.7
 236 25.7 20.8 31.2



#78
 Pyrene
 Concen: 18.956 ng
 RT: 19.50 min Scan# 2808
 Delta R.T. 0.02 min
 Lab File: BM019233.D
 Acq: 19 Mar 2019 12:51

Tgt Ion:202 Resp: 1567092
 Ion Ratio Lower Upper
 202 100
 200 19.7 17.0 25.6
 203 30.7 14.1 21.1#





#79

Terphenyl-d14

Concen: 93.733 ng

RT: 19.70 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

Instrument :

BNA_M

ClientSampleId :

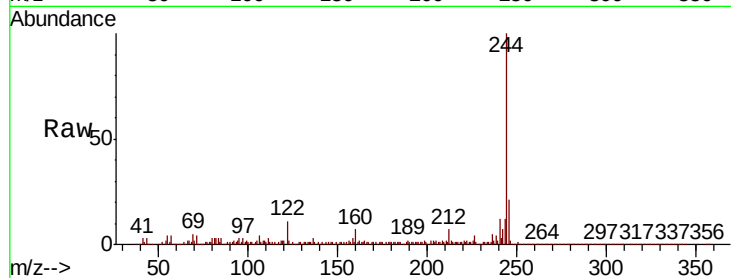
Tot Ion:244 Resp: 6169241

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

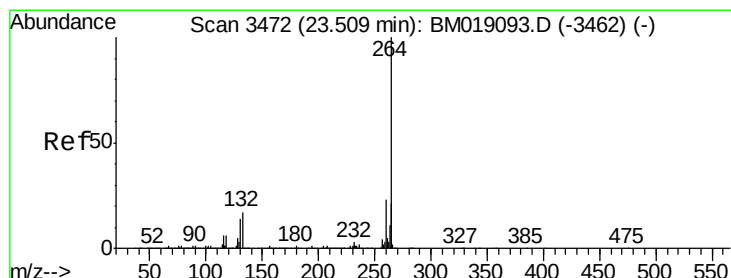
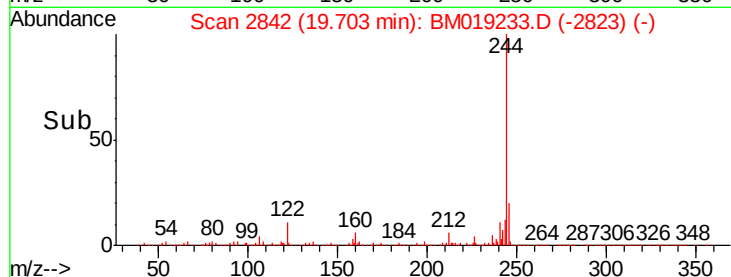
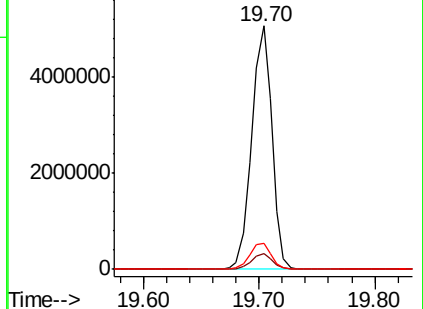
122 10.8 8.8 13.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BM019233.D

Acq: 19 Mar 2019 12:51

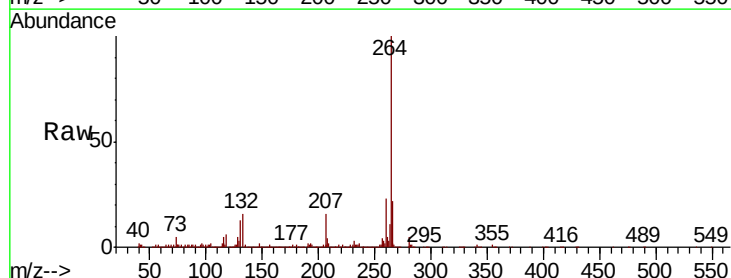
Tgt Ion:264 Resp: 1225122

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.6 17.7 26.5



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

