

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031919\
 Data File : BM019230.D
 Acq On : 19 Mar 2019 11:02
 Operator : JU/SJ
 Sample : K1970-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 12:00:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242482	20.00	ng	-0.02
21) Naphthalene-d8	10.45	136	1050161	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	897394	20.00	ng	0.01
64) Phenanthrene-d10	17.09	188	1161224	20.00	ng	0.01
76) Chrysene-d12	21.26	240	850022	20.00	ng	-0.02
87) Perylene-d12	23.48	264	882139	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1161869	77.60	ng	-0.02
7) Phenol-d6	6.82	99	1884195	86.03	ng	-0.02
23) Nitrobenzene-d5	8.82	82	1479161	66.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1012006	76.38	ng	0.02
45) 2-Fluorobiphenyl	12.93	172	3513913	50.93	ng	0.00
79) Terphenyl-d14	19.70	244	3730529	87.13	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.79	77	221434	16.074	ng	# 1
15) Benzyl Alcohol	7.91	79	59195	3.266	ng	# 54
18) Hexachloroethane	8.75	117	1811686	251.153	ng	# 1
19) n-Nitroso-di-n-propylamine	8.50	70	317145	17.651	ng	# 71
22) Acetophenone	8.43	105	3873114	133.454	ng	# 60
25) Isophorone	9.35	82	938954	22.149	ng	# 1
26) 2-Nitrophenol	9.55	139	77883	8.132	ng	# 1
27) 2,4-Dimethylphenol	9.63	122	91605	6.434	ng	# 30
29) 2,4-Dichlorophenol	10.05	162	84113	5.334	ng	# 32
31) Naphthalene	10.50	128	3801034	68.671	ng	# 87
35) Caprolactam	11.46	113	1956003	348.213	ng	# 69
36) 4-Chloro-3-methylphenol	11.73	107	47181	2.425	ng	# 39
37) 2-Methylnaphthalene	12.14	142	18806201	467.556	ng	# 99
38) 1-Methylnaphthalene	12.36	142	17326165	437.024	ng	# 100
43) 2,4,6-Trichlorophenol	12.75	196	57704	3.146	ng	# 15
44) 2,4,5-Trichlorophenol	12.85	196	65512	3.340	ng	# 1
46) 1,1'-Biphenyl	13.16	154	6068004	77.427	ng	# 99
48) 2-Nitroaniline	13.42	65	54439	2.775	ng	# 1
49) Acenaphthylene	14.06	152	852275	8.617	ng	# 1
50) Dimethylphthalate	13.79	163	226037	2.944	ng	# 55
51) 2,6-Dinitrotoluene	13.93	165	109799	6.616	ng	# 25
52) Acenaphthene	14.40	154	1534594	27.001	ng	# 84
53) 3-Nitroaniline	14.29	138	92579	5.267	ng	# 42
55) Dibenzofuran	14.73	168	1992730	21.741	ng	# 7
56) 4-Nitrophenol	14.55	139	1055887	73.579	ng	# 55
57) 2,4-Dinitrotoluene	14.74	165	901765	37.435	ng	# 66
58) Fluorene	15.39	166	3736728	49.459	ng	# 85
63) Azobenzene	15.66	77	257784	3.151	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.51	198	42493	5.584	ng	# 1
66) n-Nitrosodiphenylamine	15.60	169	3587248	97.033	ng	# 56
69) Atrazine	16.58	200	190485	15.306	ng	# 61
71) Phenanthrene	17.13	178	10334149	151.831	ng	# 95
72) Anthracene	17.24	178	556740	8.356	ng	# 1
73) Carbazole	17.49	167	144665	2.300	ng	# 1

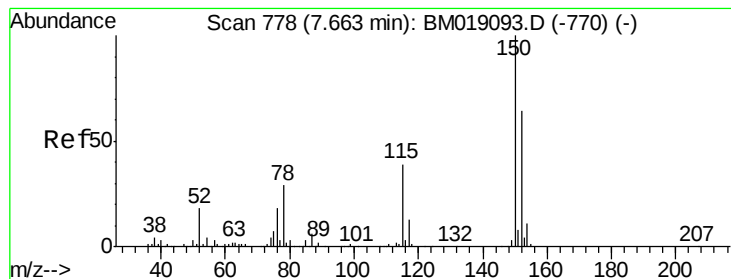
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031919\
Data File : BM019230.D
Acq On : 19 Mar 2019 11:02
Operator : JU/SJ
Sample : K1970-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Mar 19 12:00:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.14	202	435084	5.571	ng	63
78) Pyrene	19.50	202	2084134	38.752	ng #	89

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

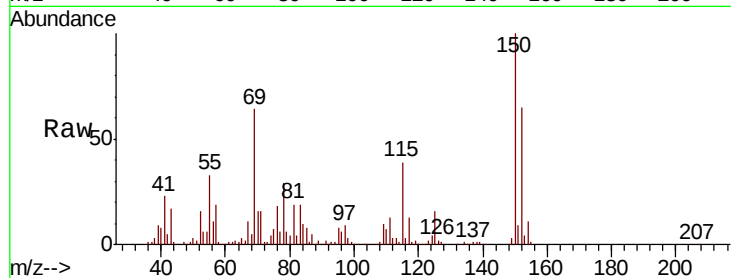


#1

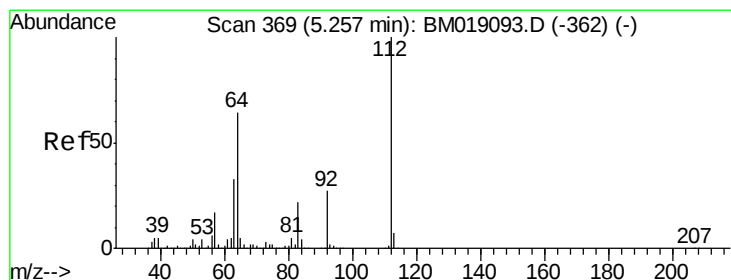
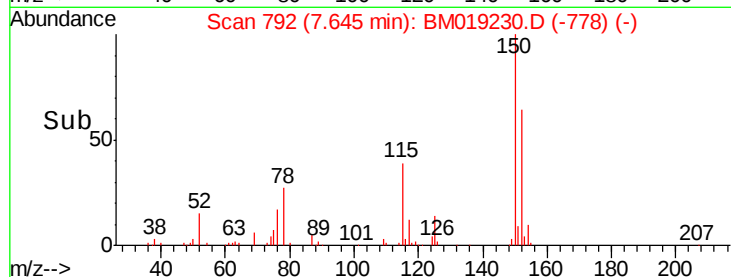
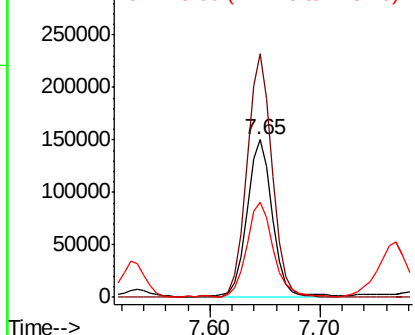
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 242482
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 60.2 49.4 74.0



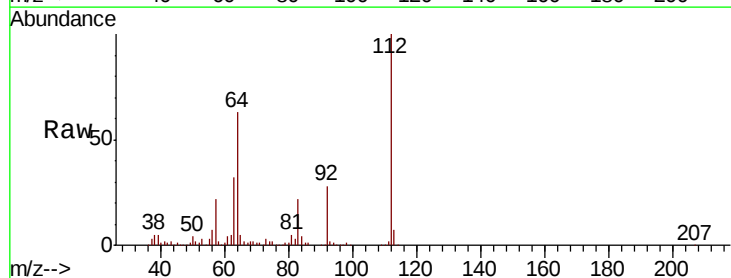
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



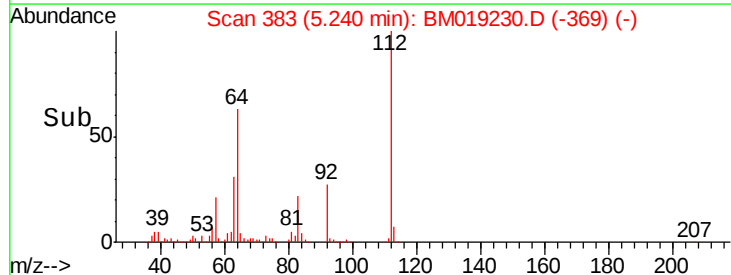
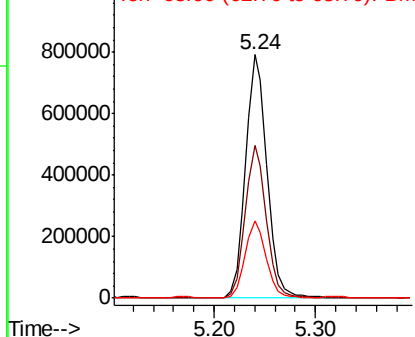
#5

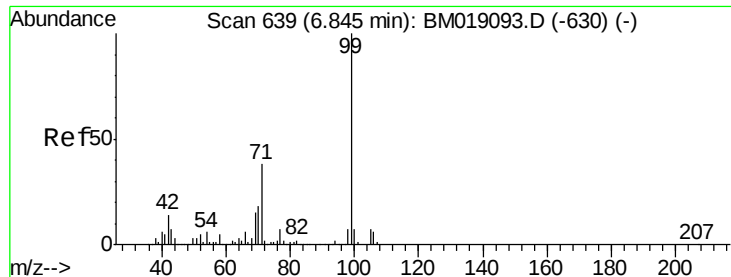
2-Fluorophenol
Concen: 77.598 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:112 Resp: 1161869
Ion Ratio Lower Upper
112 100
64 62.6 51.4 77.0
63 31.7 26.6 40.0



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: 86.033 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

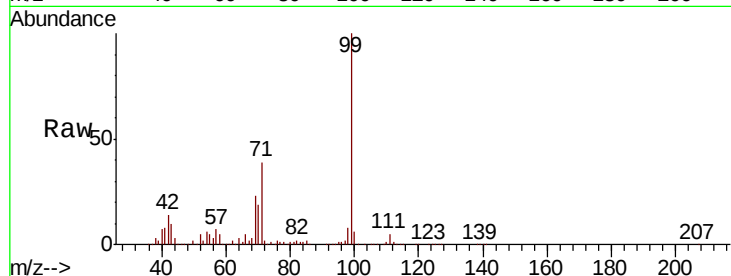
Tot Ion: 99 Resp: 1884195

Ion Ratio Lower Upper

99 100

42 14.2 10.9 16.3

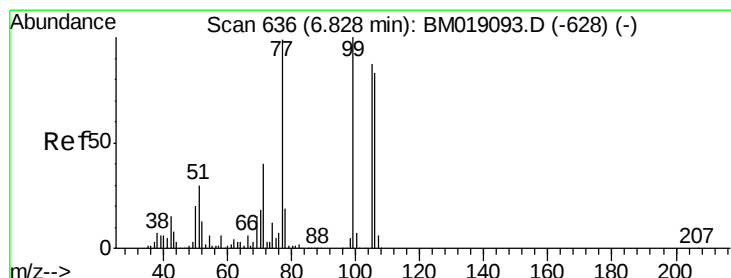
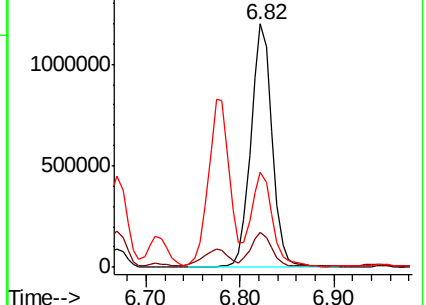
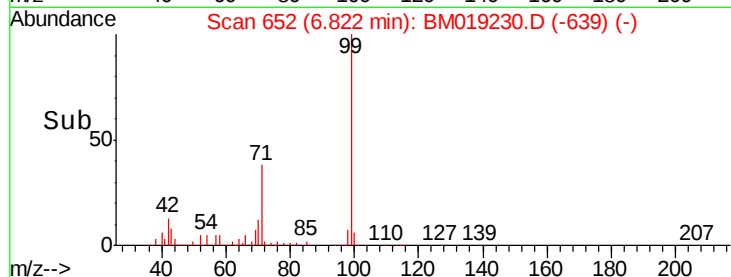
71 39.0 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019230.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019230.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019230.D (-639) (-)



#9

Benzaldehyde

Concen: 16.074 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.04 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

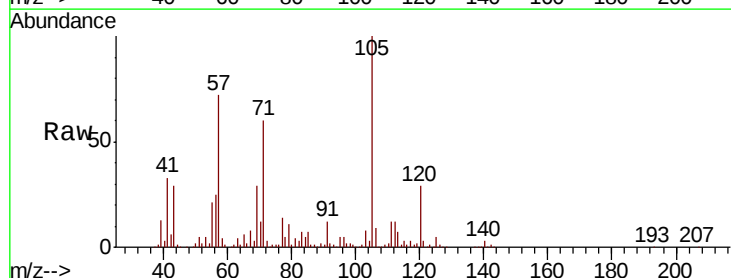
Tgt Ion: 77 Resp: 221434

Ion Ratio Lower Upper

77 100

105 716.5 67.7 107.7#

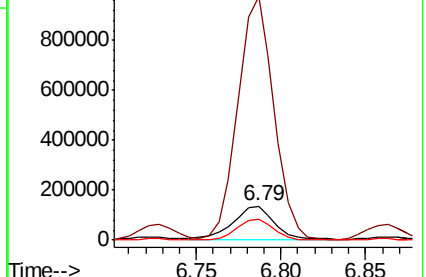
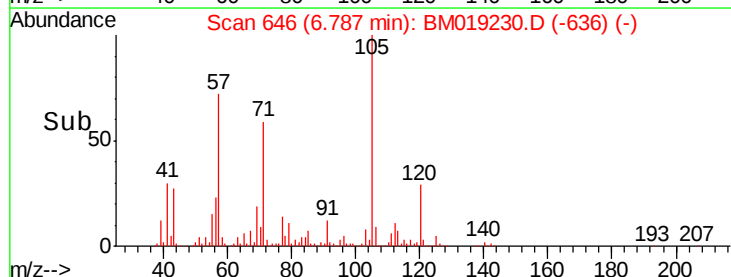
106 62.4 64.1 104.1#

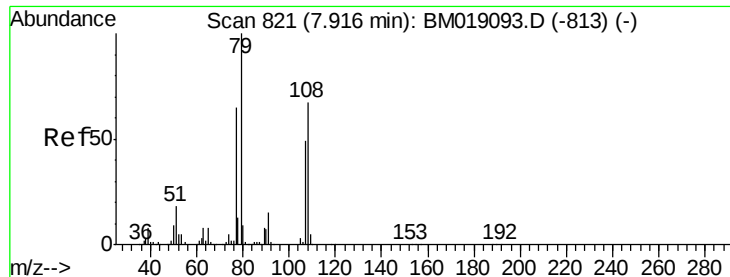


Abundance Ion 77.00 (76.70 to 77.70): BM019230.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019230.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019230.D (-636) (-)





#15

Benzyl Alcohol

Concen: 3.266 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

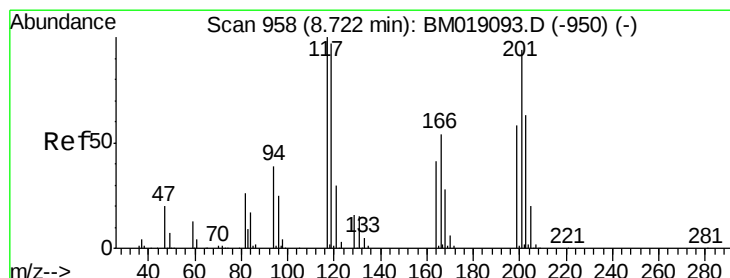
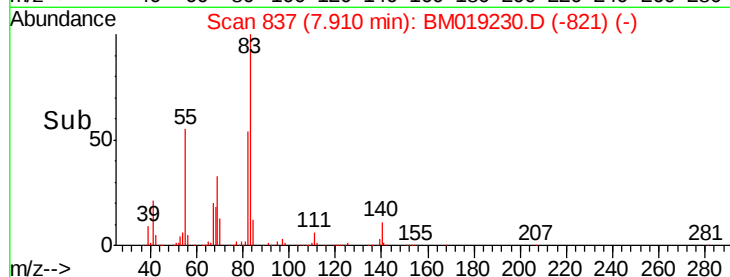
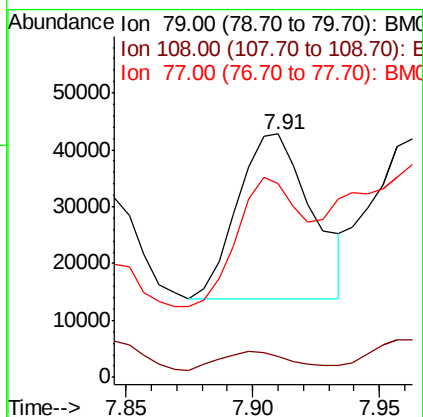
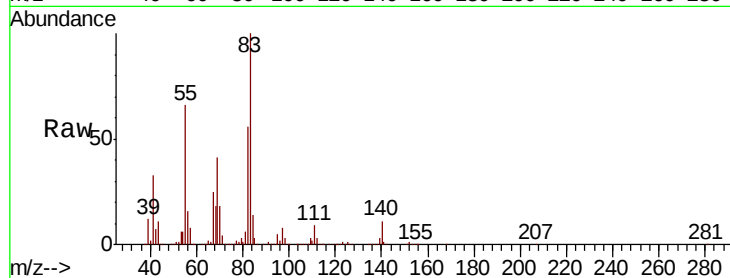
Tot Ion: 79 Resp: 59195

Ion Ratio Lower Upper

79 100

108 8.7 53.7 80.5#

77 79.7 51.8 77.8#



#18

Hexachloroethane

Concen: 251.153 ng

RT: 8.75 min Scan# 979

Delta R.T. 0.02 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

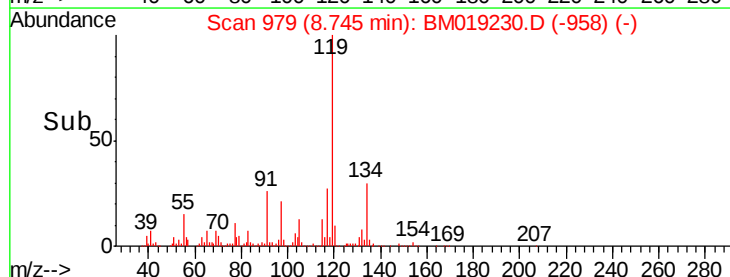
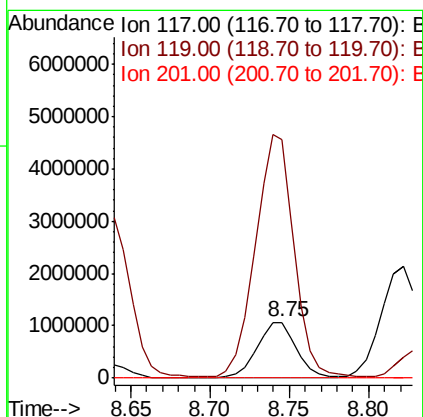
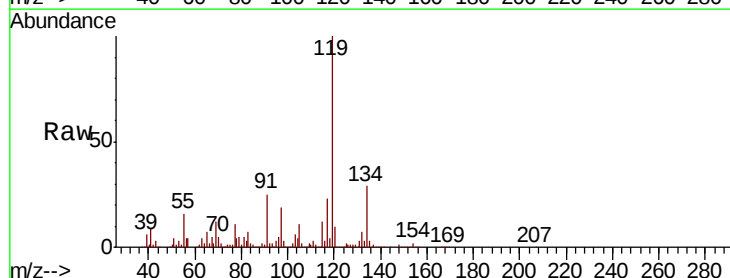
Tgt Ion: 117 Resp: 1811686

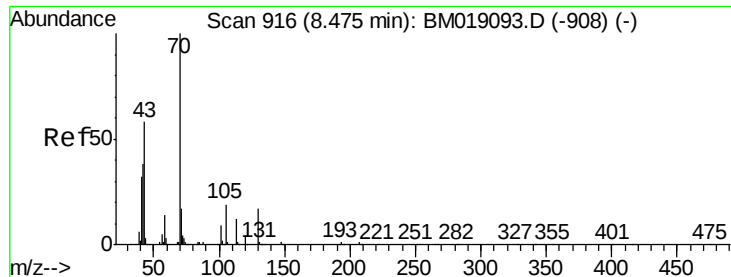
Ion Ratio Lower Upper

117 100

119 428.6 77.4 116.2#

201 0.0 75.2 112.8#

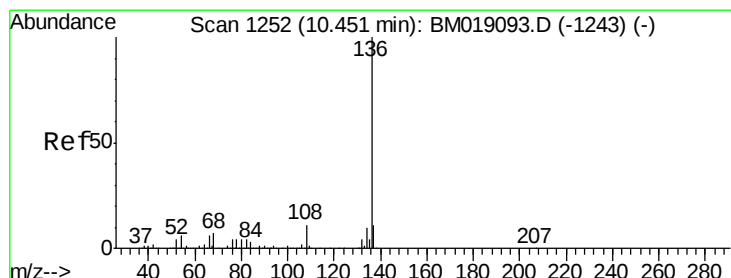
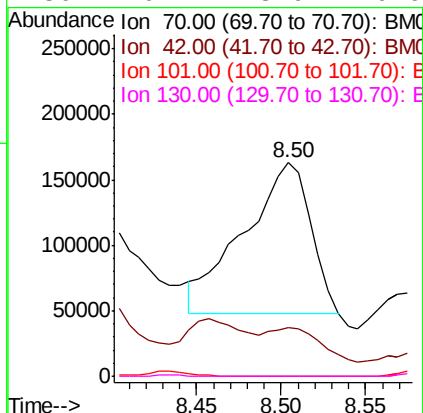
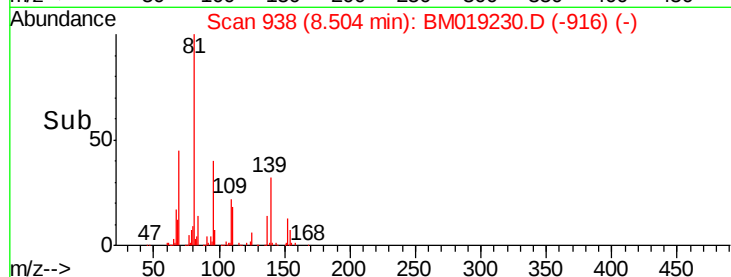
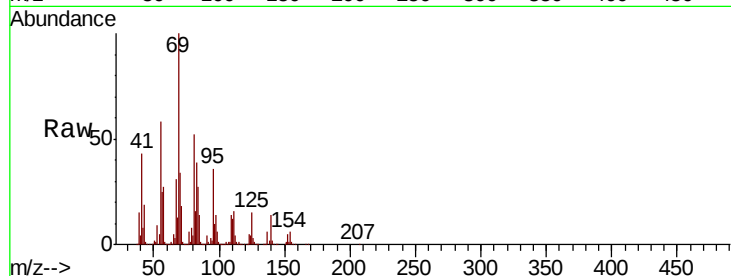




#19
n-Nitroso-di-n-propylamine
Concen: 17.651 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.03 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

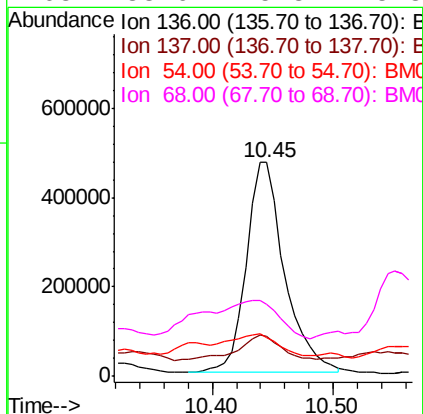
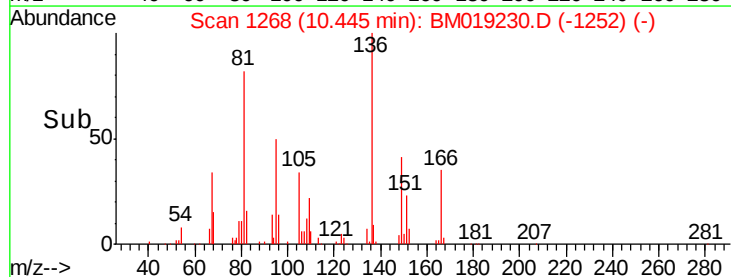
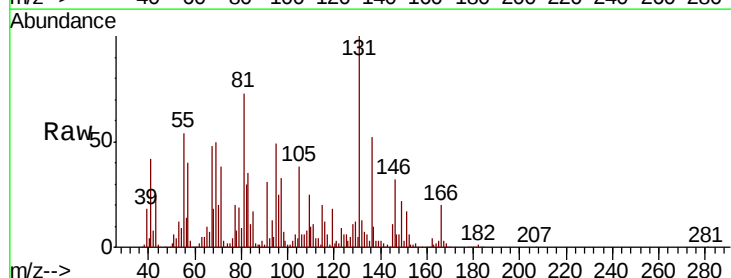
Instrument :
BNA_M
ClientSampled :

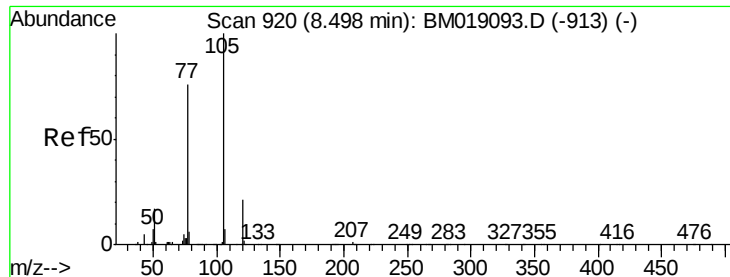
Tot Ion:	70	Resp:	317145
Ion	Ratio	Lower	Upper
70	100		
42	22.9	30.6	45.8#
101	0.2	6.8	10.2#
130	0.2	13.9	20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:	136	Resp:	1050161
Ion	Ratio	Lower	Upper
136	100		
137	18.8	8.6	13.0#
54	18.0	5.2	7.8#
68	33.6	5.8	8.8#





#22

Acetophenone

Concen: 133.454 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.06 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 3873114

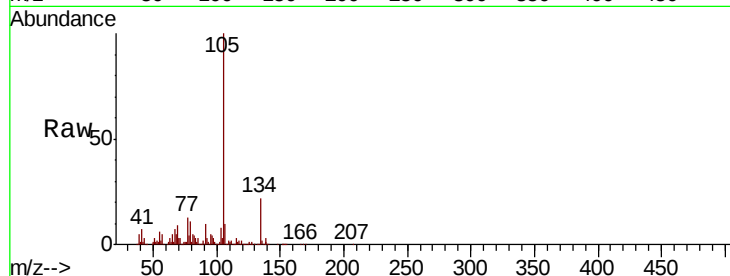
Ion Ratio Lower Upper

105 100

71 3.3 0.8 1.2#

51 3.0 15.8 23.6#

120 0.2 17.0 25.4#

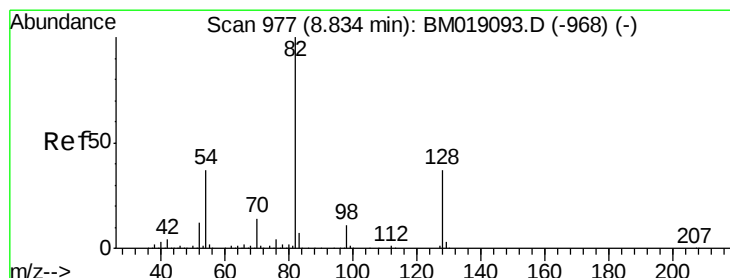
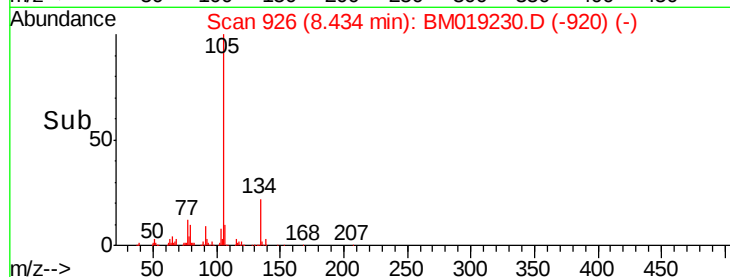
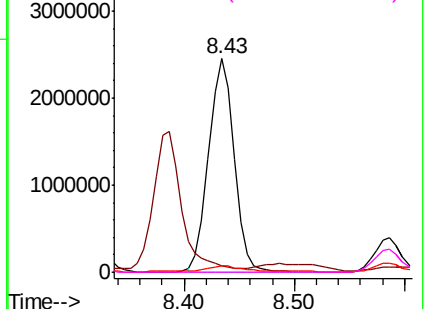


Abundance Ion 105.00 (104.70 to 105.70): E

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: 66.580 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

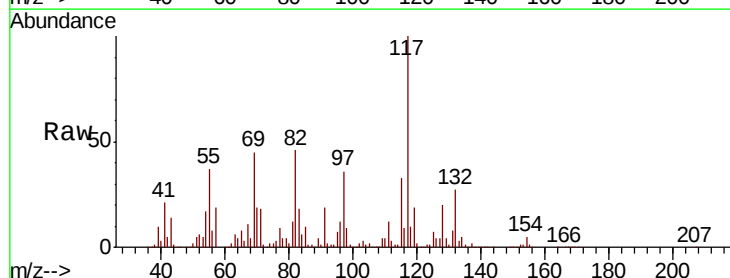
Tgt Ion: 82 Resp: 1479161

Ion Ratio Lower Upper

82 100

128 44.0 29.4 44.2

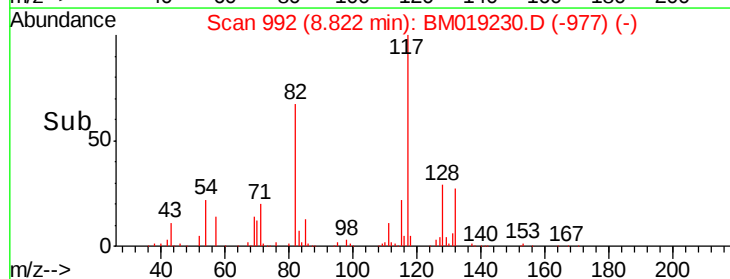
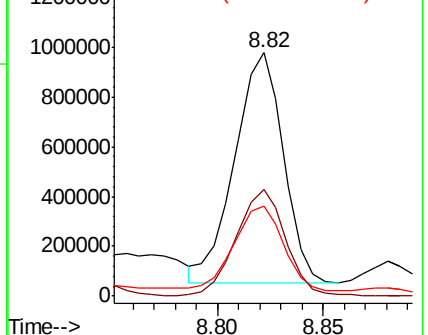
54 36.7 29.9 44.9

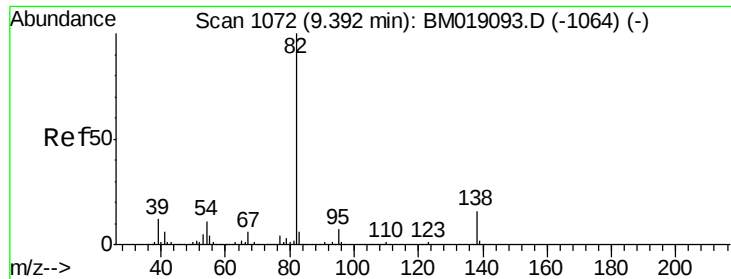


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#25

Isophorone

Concen: 22.149 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.05 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

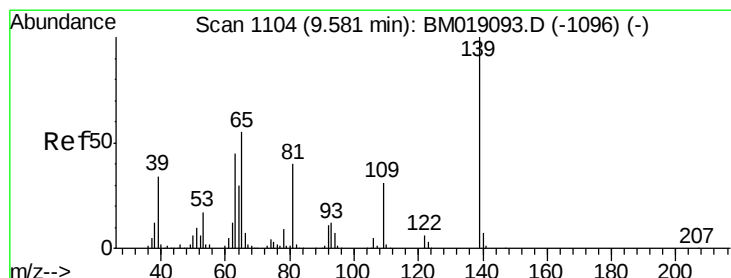
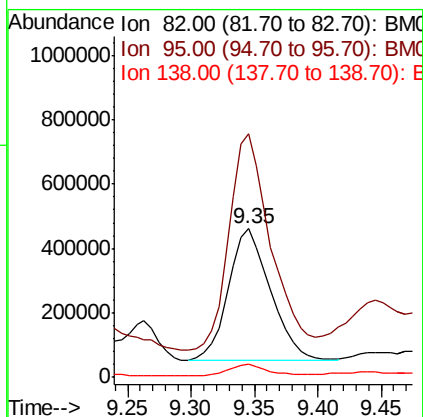
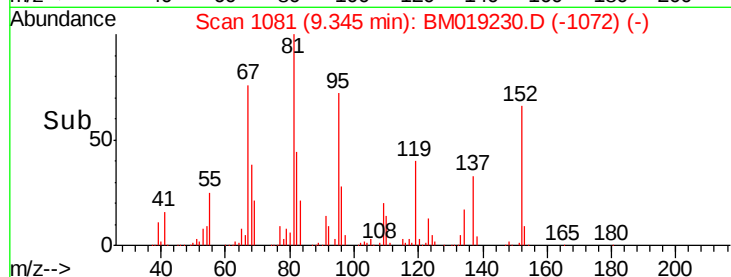
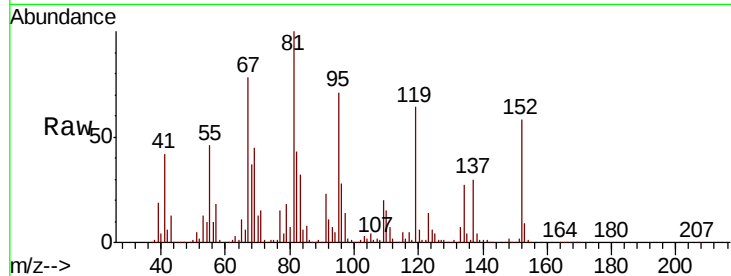
Tot Ion: 82 Resp: 938954

Ion Ratio Lower Upper

82 100

95 164.1 5.4 8.2#

138 8.7 12.6 18.8#



#26

2-Nitrophenol

Concen: 8.132 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

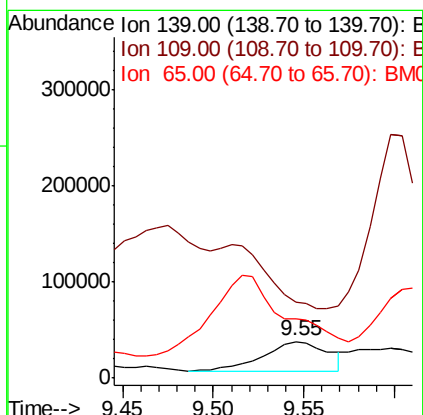
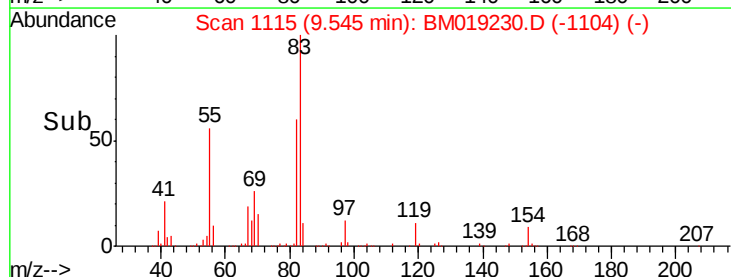
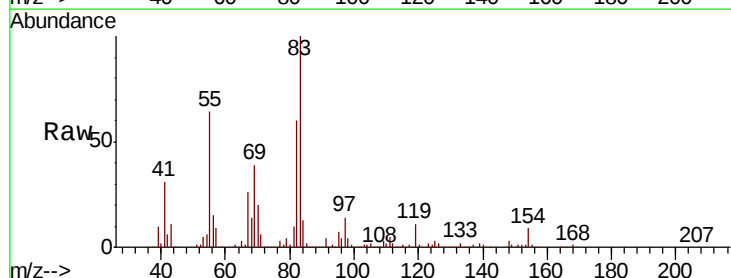
Tgt Ion: 139 Resp: 77883

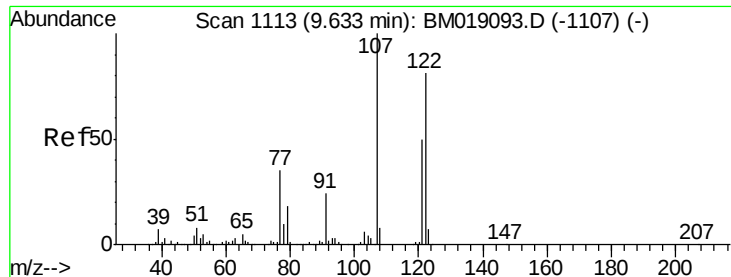
Ion Ratio Lower Upper

139 100

109 209.6 24.5 36.7#

65 162.1 44.4 66.6#

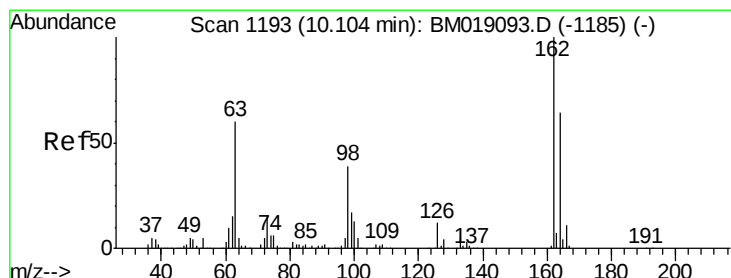
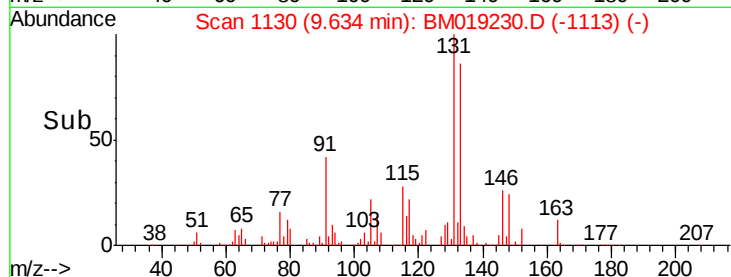
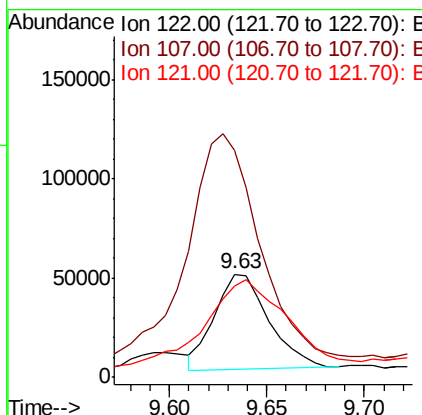
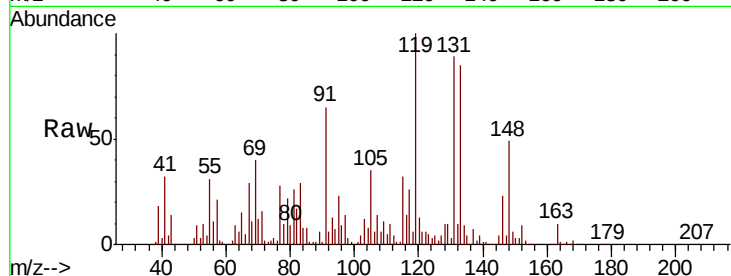




#27
2,4-Dimethylphenol
Concen: 6.434 ng
RT: 9.63 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

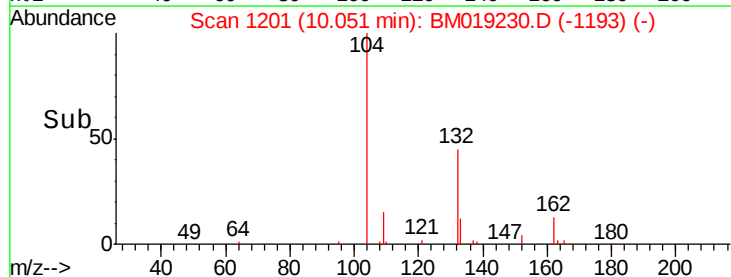
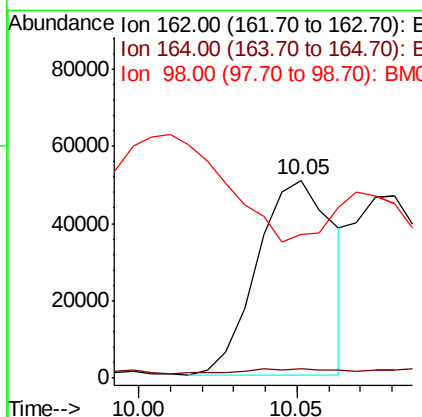
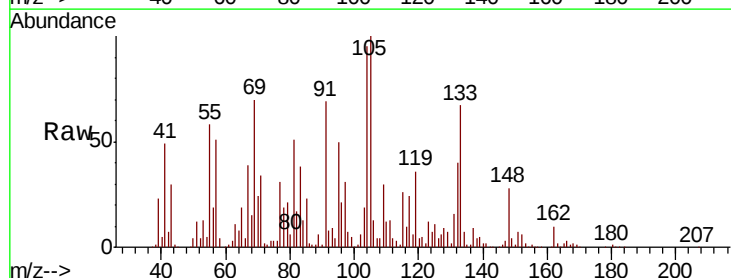
Instrument :
BNA_M
ClientSampleId :

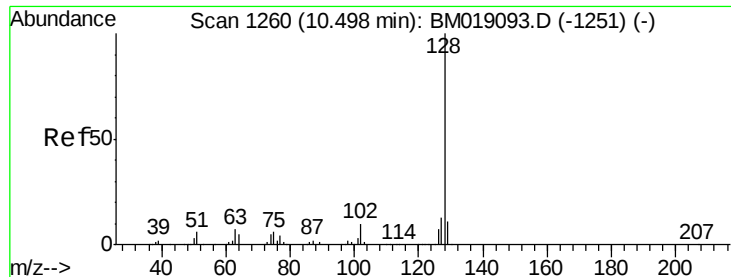
Tot Ion:122 Resp: 91605
Ion Ratio Lower Upper
122 100
107 220.1 98.2 147.4#
121 88.4 48.8 73.2#



#29
2,4-Dichlorophenol
Concen: 5.334 ng
RT: 10.05 min Scan# 1201
Delta R.T. -0.05 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:162 Resp: 84113
Ion Ratio Lower Upper
162 100
164 4.4 43.5 83.5#
98 72.4 19.1 59.1#

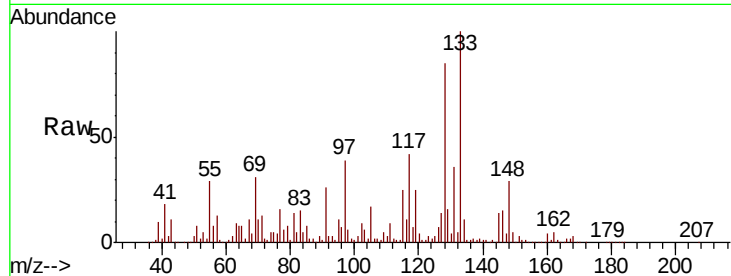




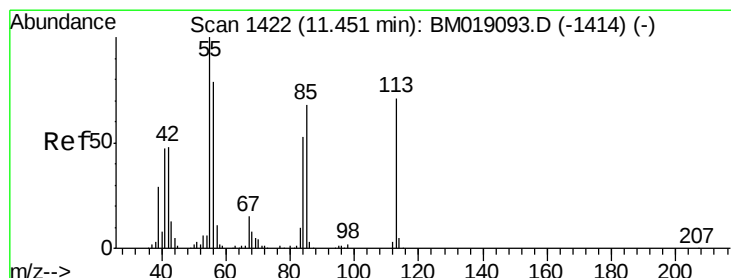
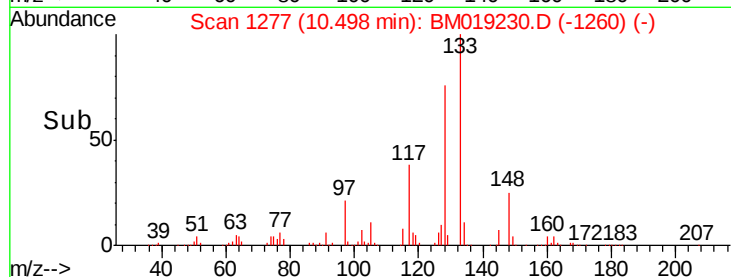
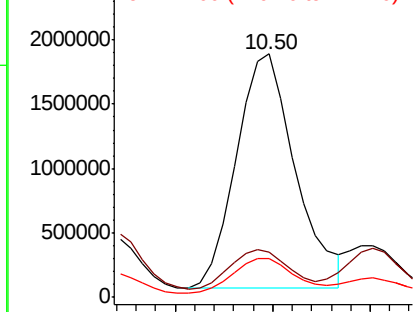
#31
Naphthalene
Concen: 68.671 ng
RT: 10.50 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 3801034
Ion Ratio Lower Upper
128 100
129 18.5 8.6 13.0#
127 16.1 10.4 15.6#

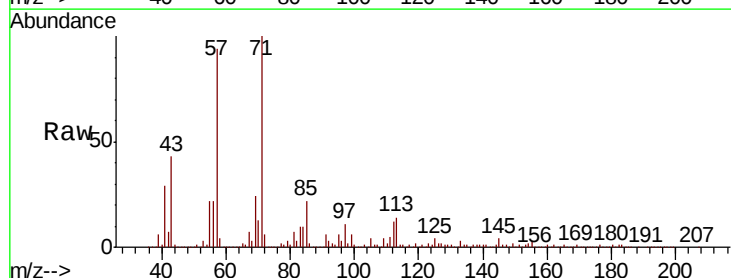


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

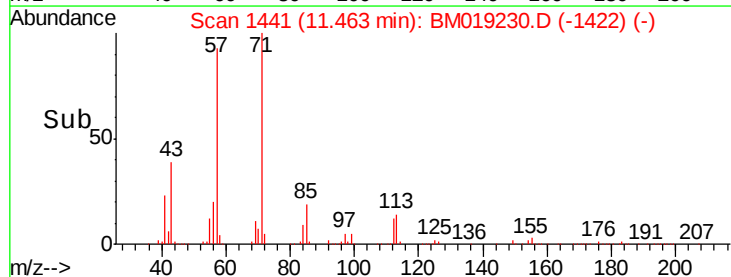
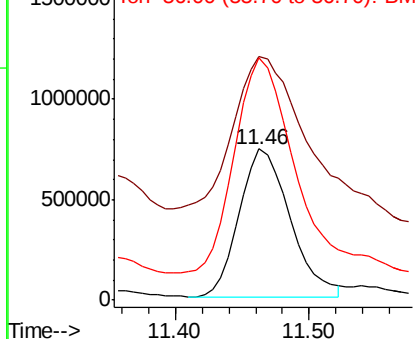


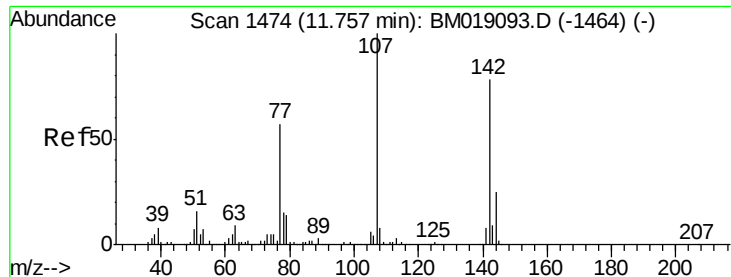
#35
Caprolactam
Concen: 348.213 ng
RT: 11.46 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:113 Resp: 1956003
Ion Ratio Lower Upper
113 100
55 161.2 120.1 160.1#
56 160.9 90.1 130.1#



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

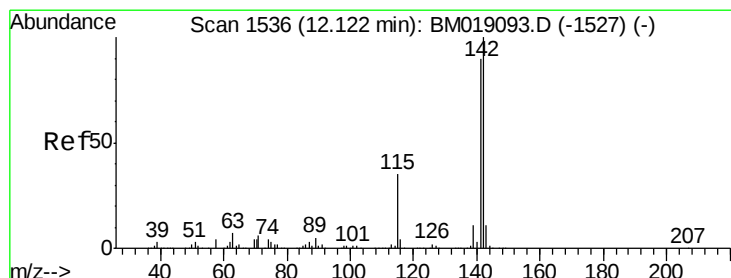
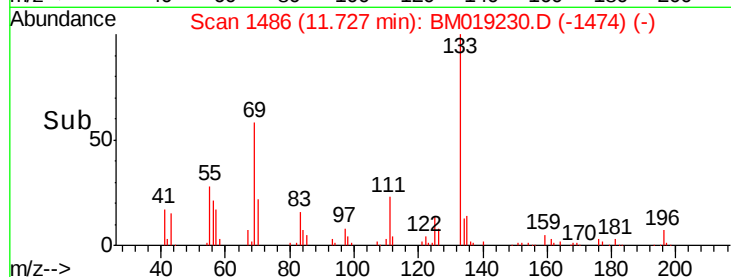
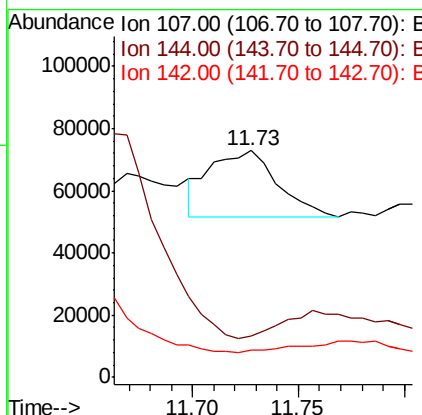
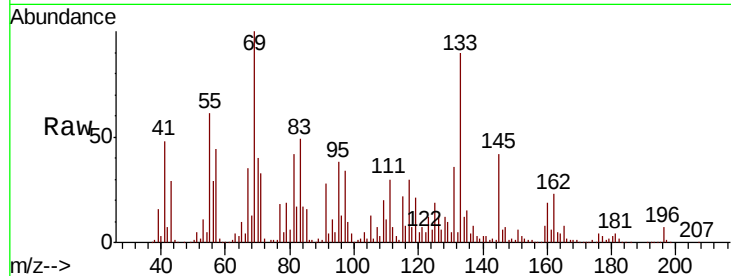




#36
 4-Chloro-3-methylphenol
 Concen: 2.425 ng
 RT: 11.73 min Scan# 1486
 Delta R.T. -0.03 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

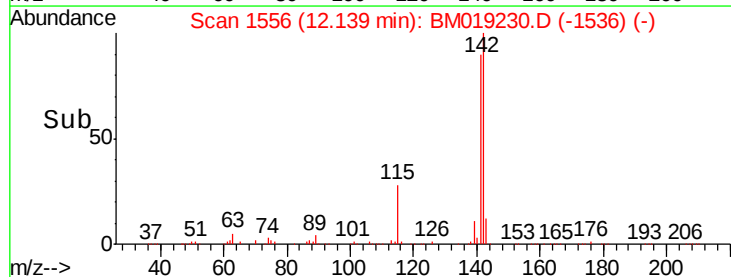
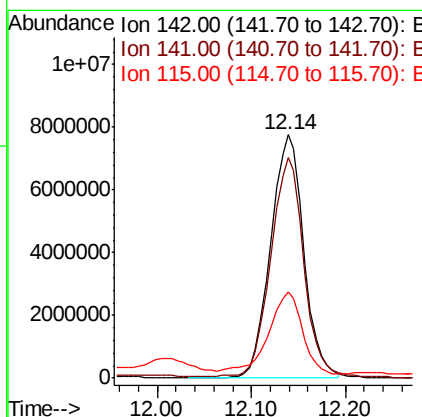
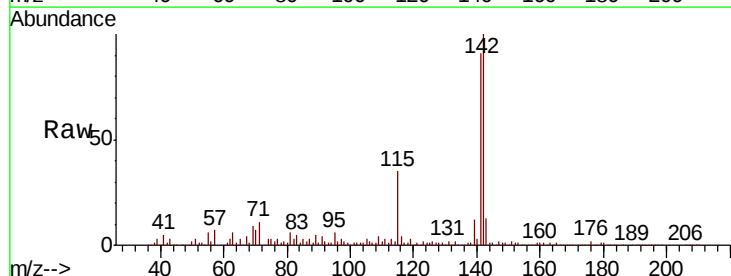
Instrument :
 BNA_M
 ClientSampled :

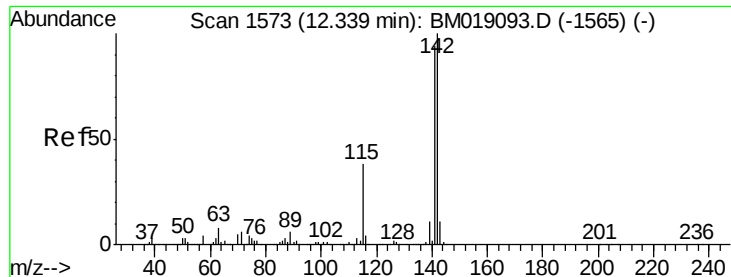
Tot Ion:107 Resp: 47181
 Ion Ratio Lower Upper
 107 100
 144 18.1 20.2 30.4#
 142 12.1 62.4 93.6#



#37
 2-Methylnaphthalene
 Concen: 467.556 ng
 RT: 12.14 min Scan# 1556
 Delta R.T. 0.02 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Tgt Ion:142 Resp:18806201
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.3 108.5
 115 35.5 27.8 41.8

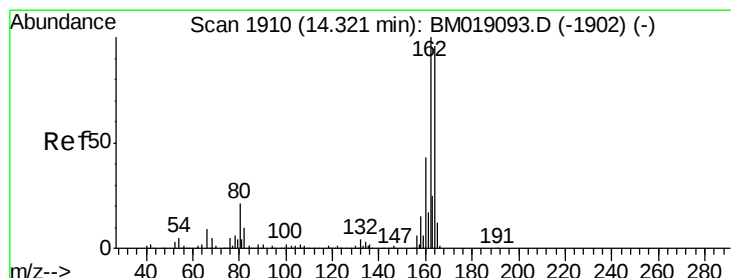
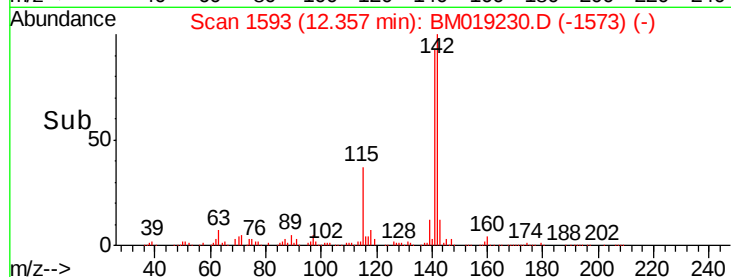
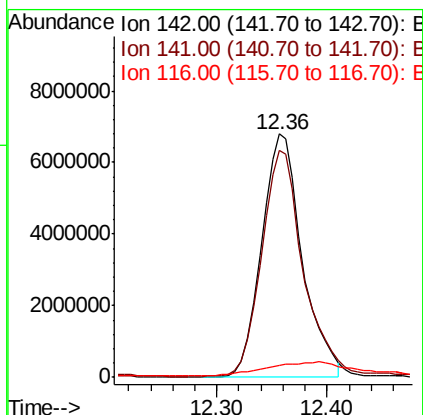
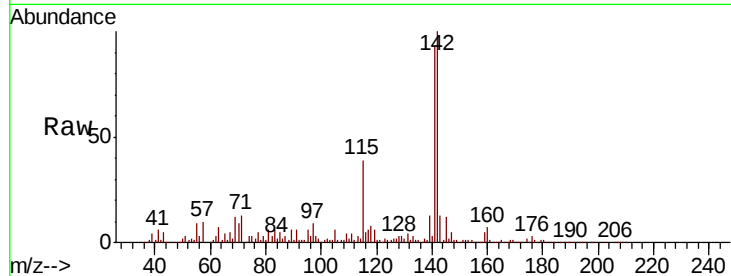




#38
 1-Methylnaphthalene
 Concen: 437.024 ng
 RT: 12.36 min Scan# 1593
 Delta R.T. 0.02 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

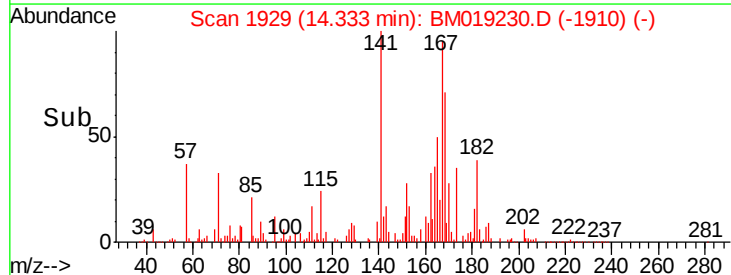
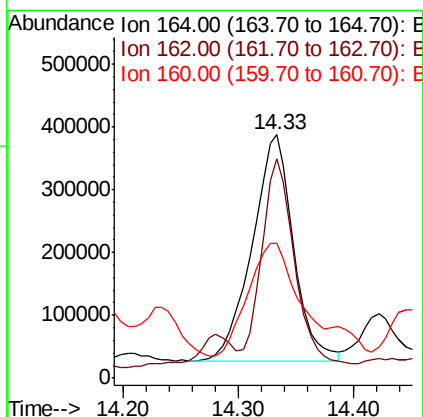
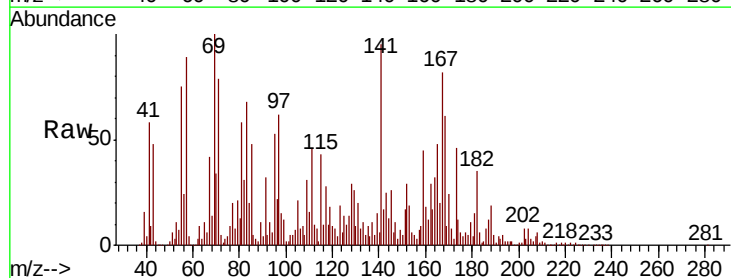
Instrument :
 BNA_M
 ClientSampleId :

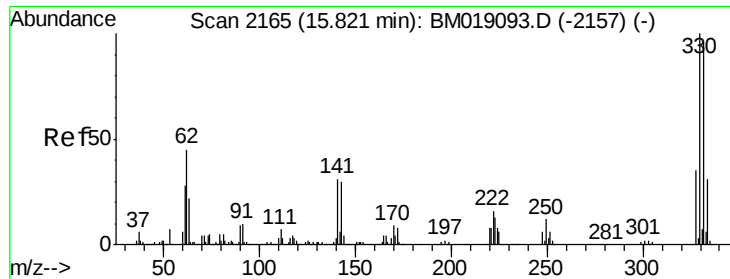
Tot Ion:142 Resp:17326165
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.9 112.3
 116 5.1 3.2 4.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Tgt Ion:164 Resp: 897394
 Ion Ratio Lower Upper
 164 100
 162 90.2 83.5 125.3
 160 55.4 36.3 54.5#





#42

2,4,6-Tribromophenol

Concen: 76.380 ng

RT: 15.84 min Scan# 2185

Delta R.T. 0.02 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

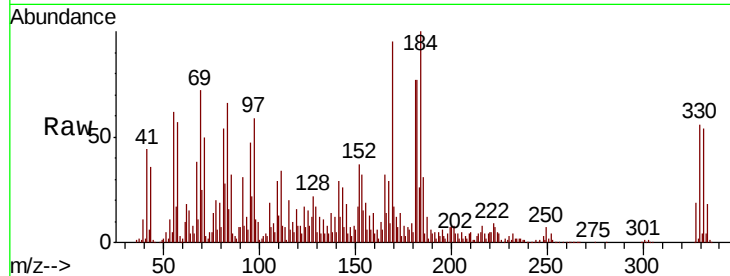
Tot Ion:330 Resp: 1012006

Ion Ratio Lower Upper

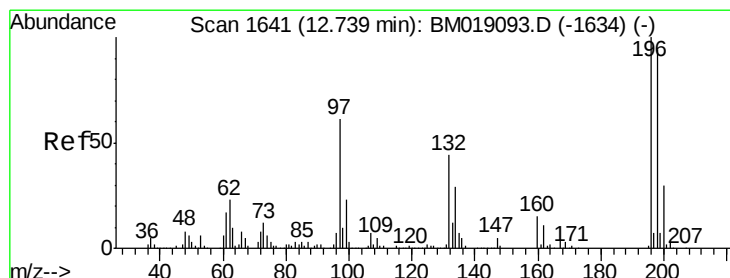
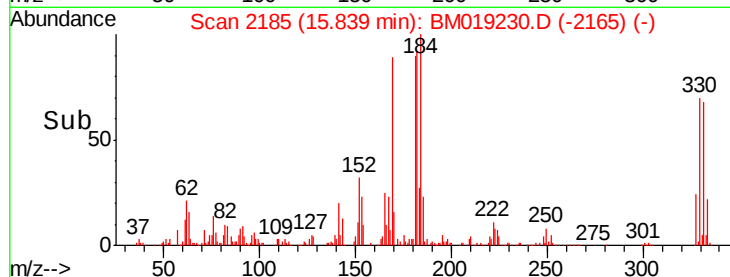
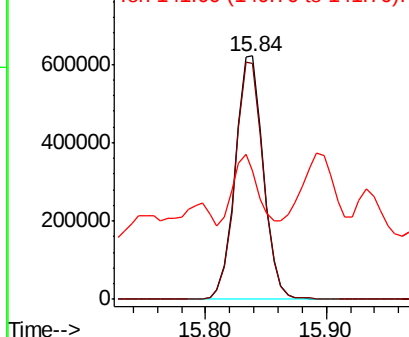
330 100

332 97.3 76.8 115.2

141 24.6 27.0 40.4#



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



#43

2,4,6-Trichlorophenol

Concen: 3.146 ng

RT: 12.75 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

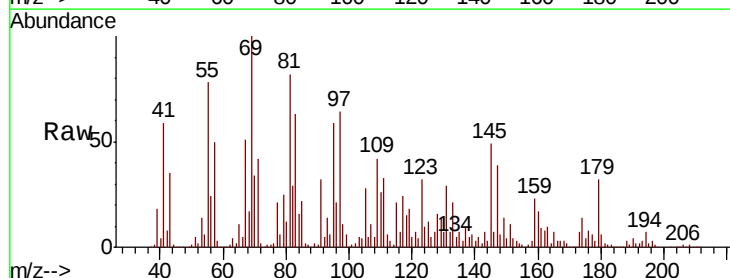
Tgt Ion:196 Resp: 57704

Ion Ratio Lower Upper

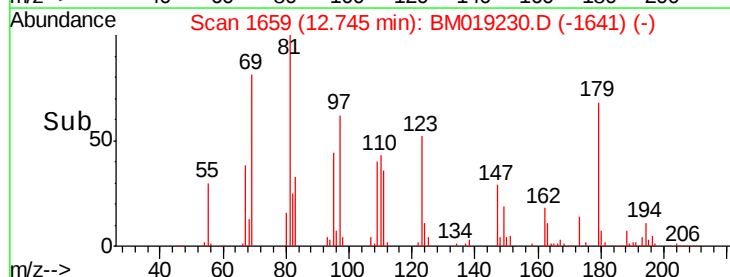
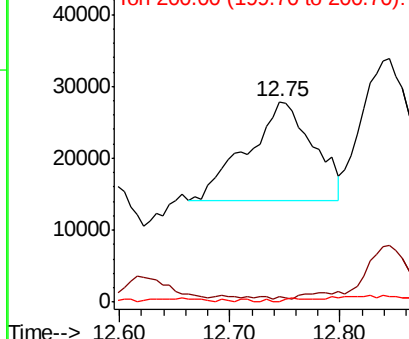
196 100

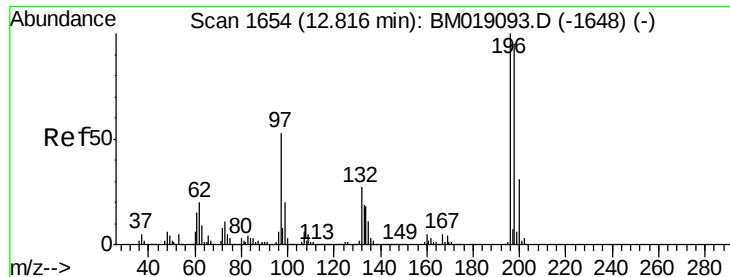
198 2.5 75.4 113.0#

200 0.0 24.2 36.2#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 3.340 ng

RT: 12.85 min Scan# 1676

Delta R.T. 0.03 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampled :

Tot Ion:196 Resp: 65512

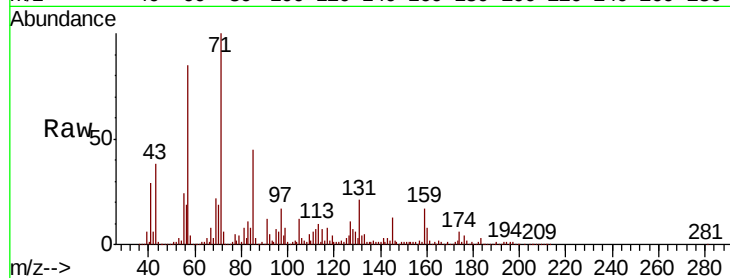
Ion Ratio Lower Upper

196 100

198 23.3 75.9 113.9#

97 2787.0 42.5 63.7#

132 692.6 21.9 32.9#

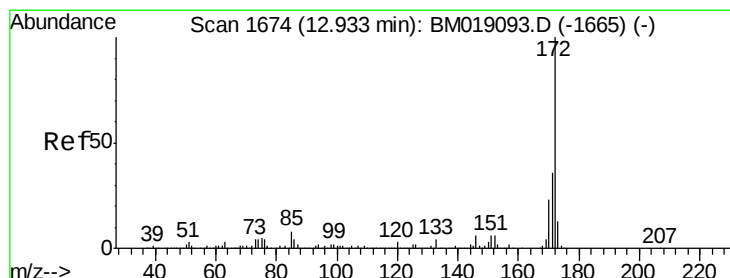
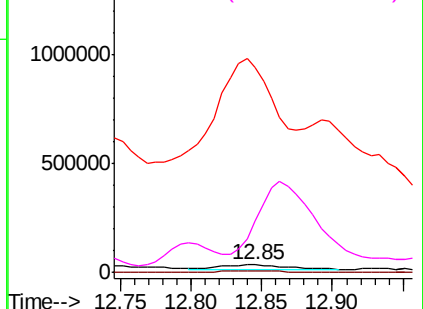
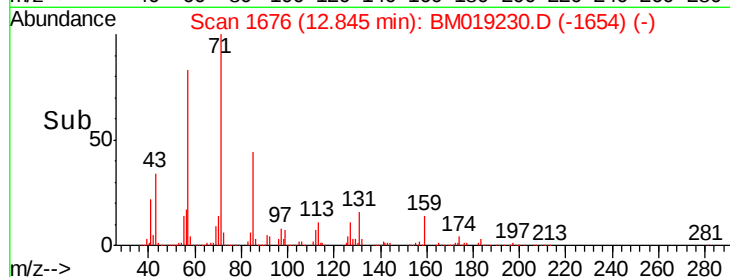


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 50.934 ng

RT: 12.93 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

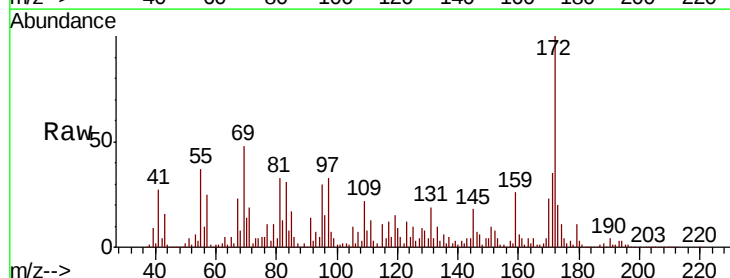
Tgt Ion:172 Resp: 3513913

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

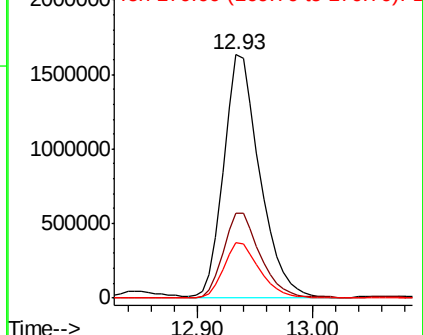
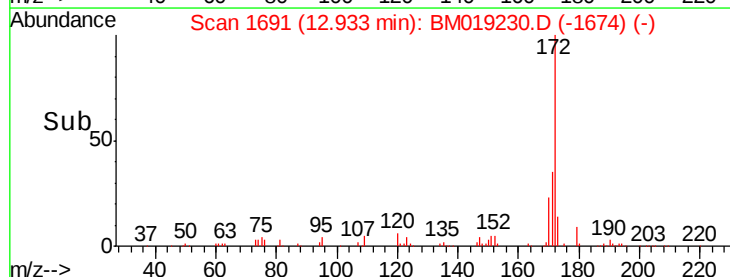
170 22.7 18.6 28.0

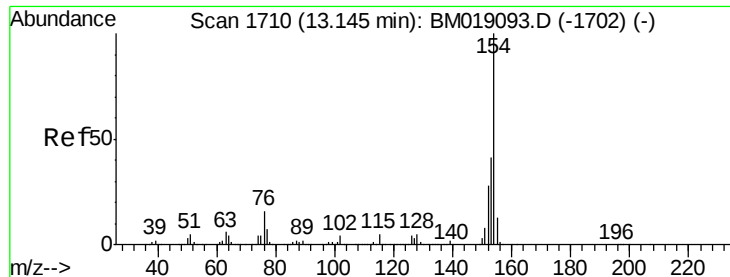


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 77.427 ng

RT: 13.16 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

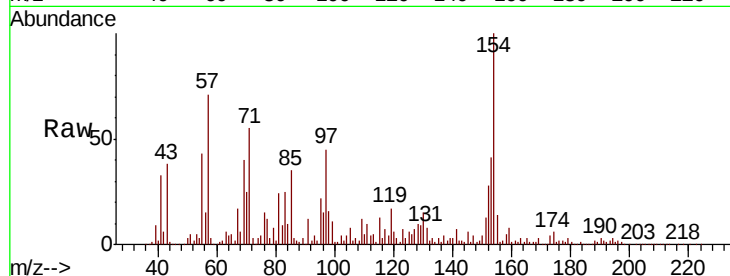
Tot Ion:154 Resp: 6068004

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

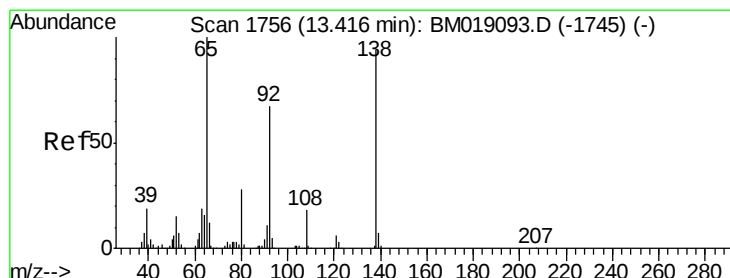
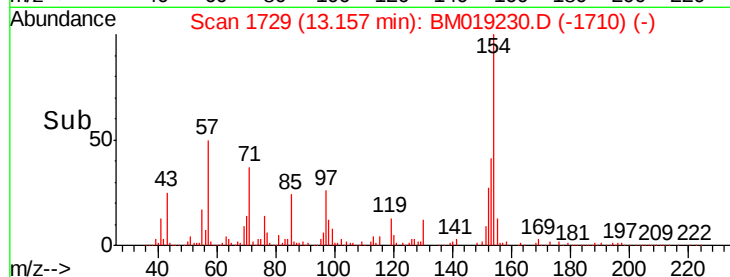
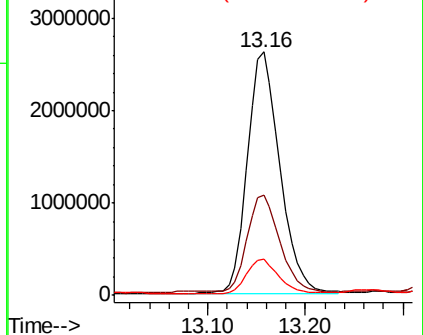
76 14.8 0.0 35.8



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



#48

2-Nitroaniline

Concen: 2.775 ng

RT: 13.42 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

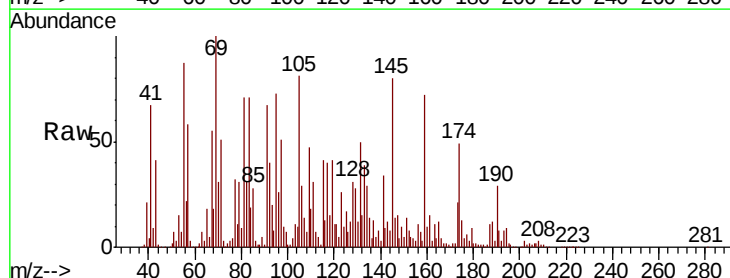
Tgt Ion: 65 Resp: 54439

Ion Ratio Lower Upper

65 100

92 216.7 53.4 80.2#

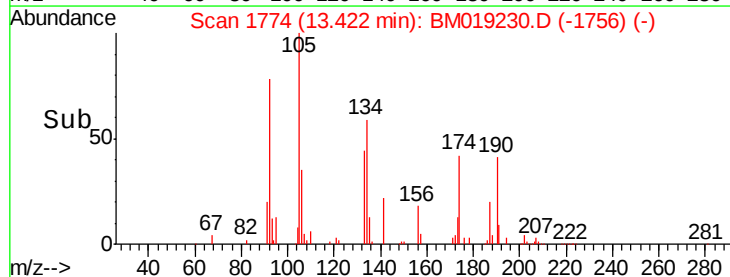
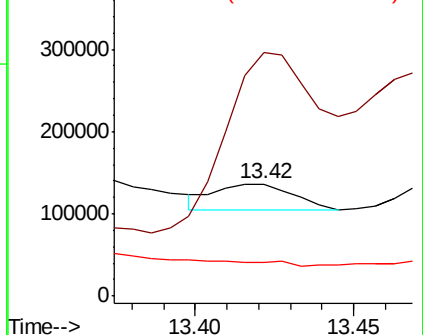
138 29.6 74.9 112.3#

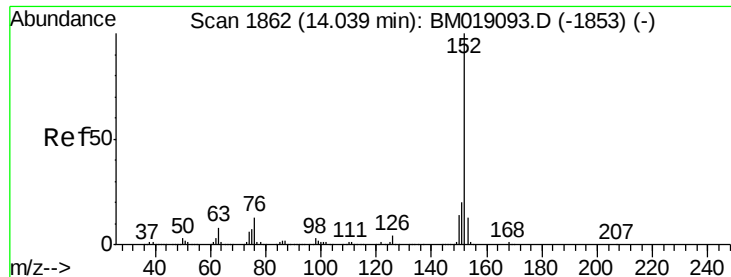


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.617 ng

RT: 14.06 min Scan# 1882

Delta R.T. 0.02 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampled :

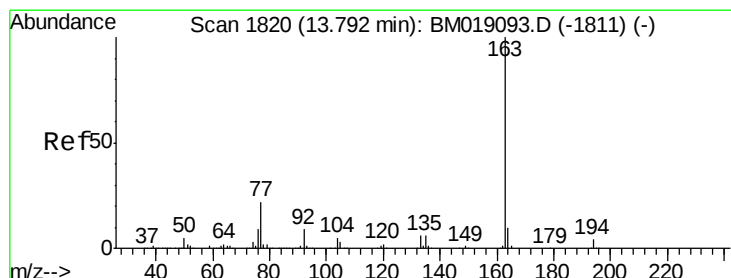
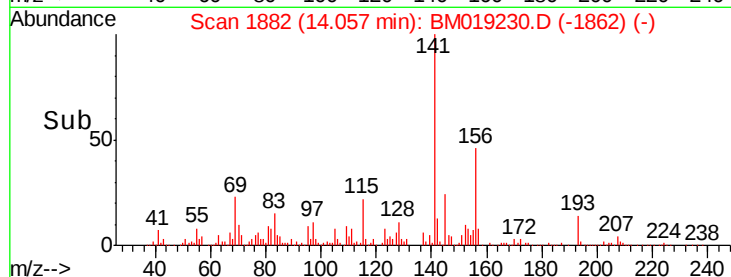
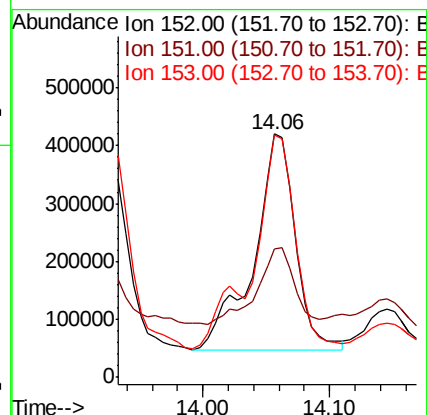
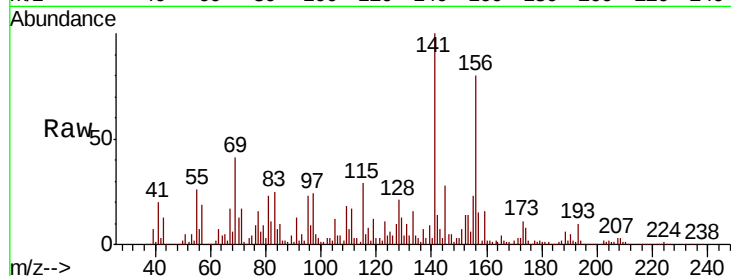
Tot Ion:152 Resp: 852275

Ion Ratio Lower Upper

152 100

151 52.6 16.2 24.2#

153 99.5 10.6 15.8#



#50

Dimethylphthalate

Concen: 2.944 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

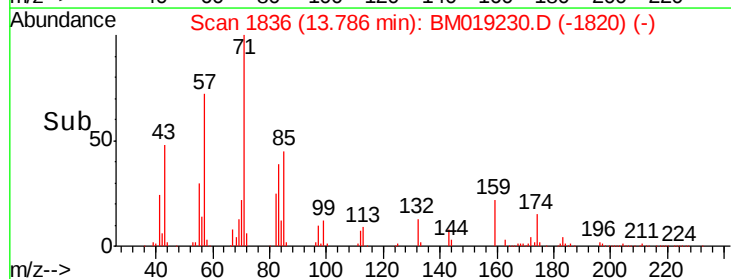
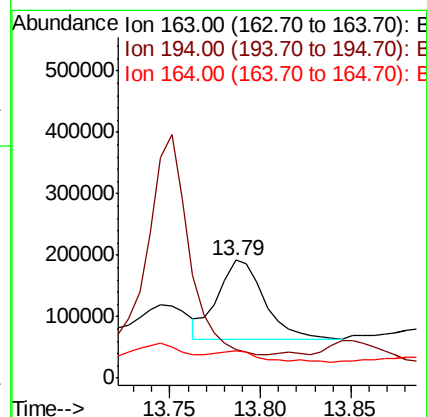
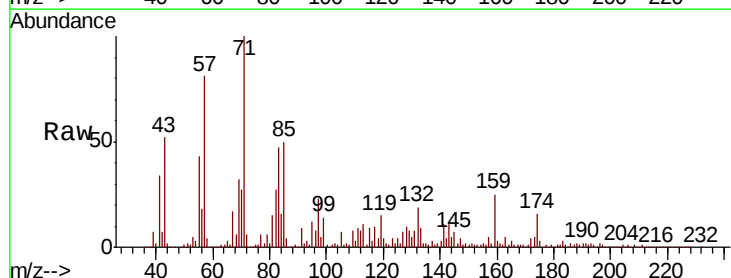
Tgt Ion:163 Resp: 226037

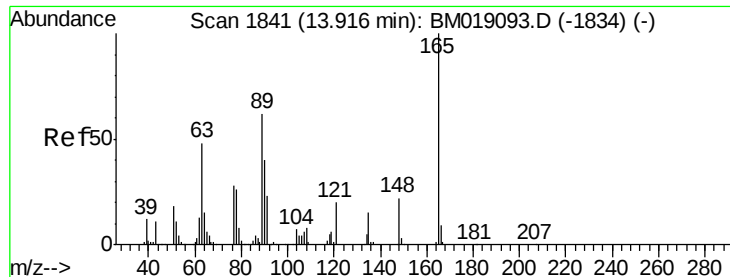
Ion Ratio Lower Upper

163 100

194 24.8 3.3 4.9#

164 23.3 7.7 11.5#

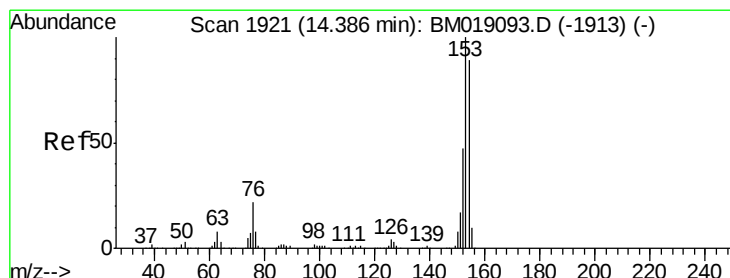
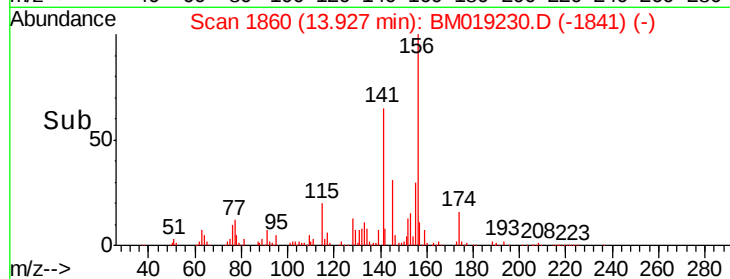
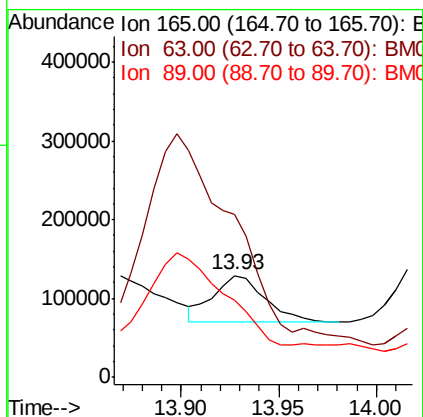
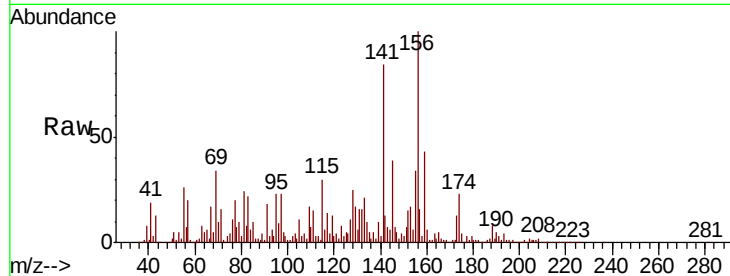




#51
 2,6-Dinitrotoluene
 Concen: 6.616 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

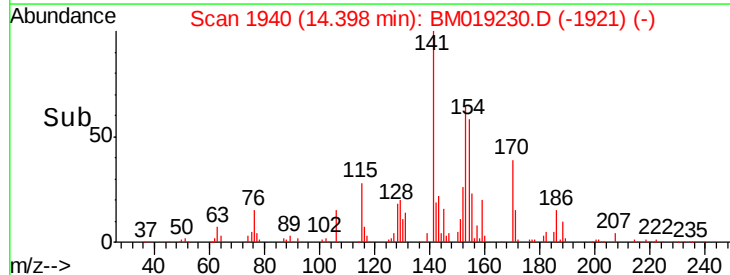
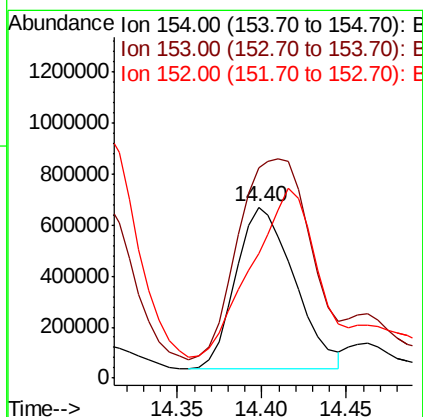
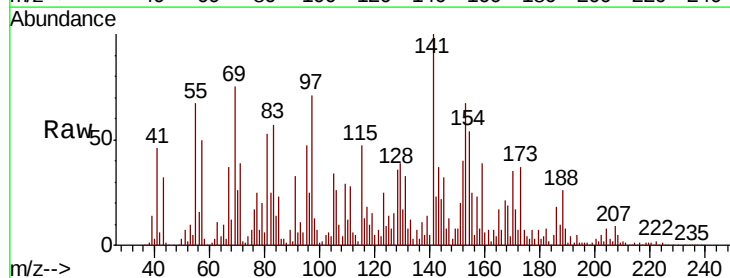
Instrument :
 BNA_M
 ClientSampleId :

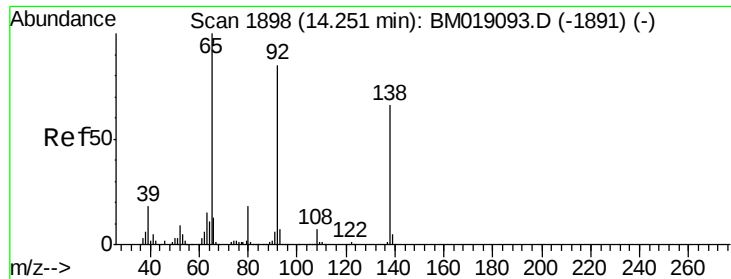
Tot Ion:165 Resp: 109799
 Ion Ratio Lower Upper
 165 100
 63 159.7 48.2 72.4#
 89 76.3 49.3 73.9#



#52
 Acenaphthene
 Concen: 27.001 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Tgt Ion:154 Resp: 1534594
 Ion Ratio Lower Upper
 154 100
 153 123.3 90.1 135.1
 152 73.2 42.5 63.7#

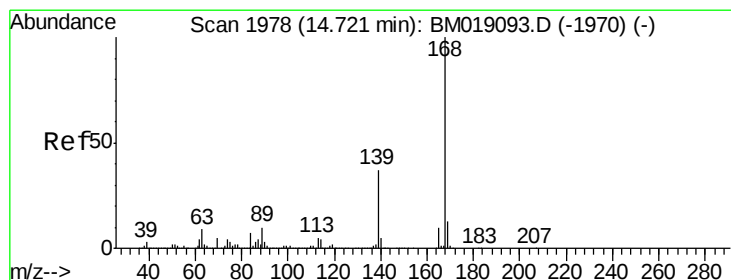
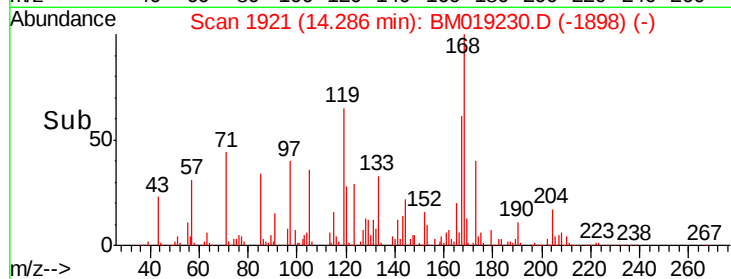
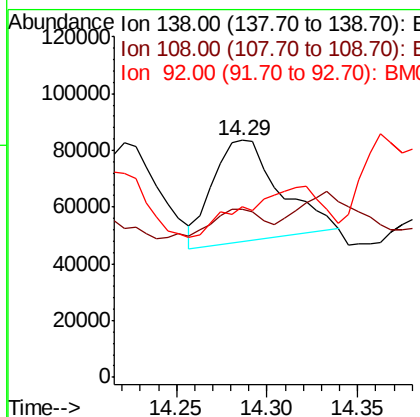
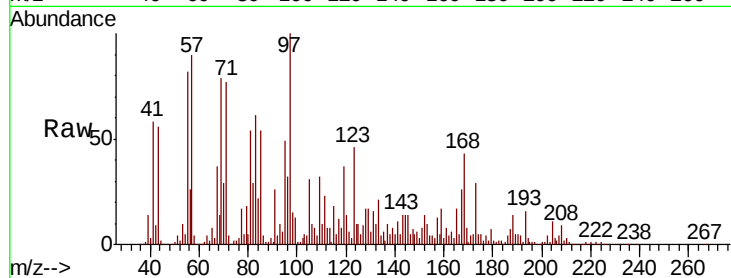




#53
3-Nitroaniline
Concen: 5.267 ng
RT: 14.29 min Scan# 1921
Delta R.T. 0.04 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

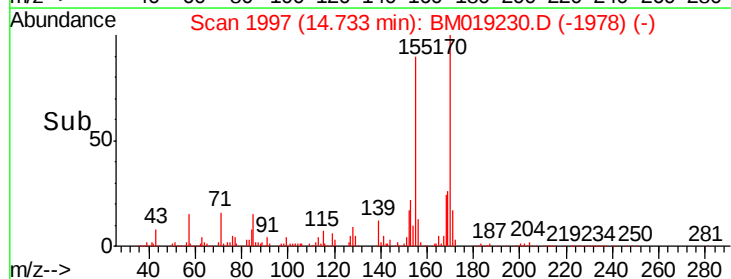
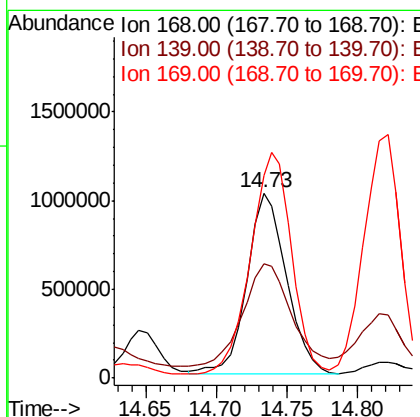
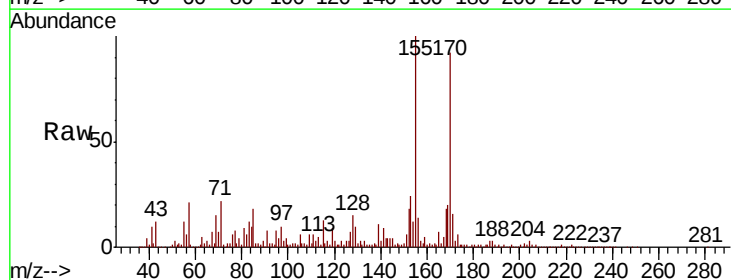
Instrument :
BNA_M
ClientSampled :

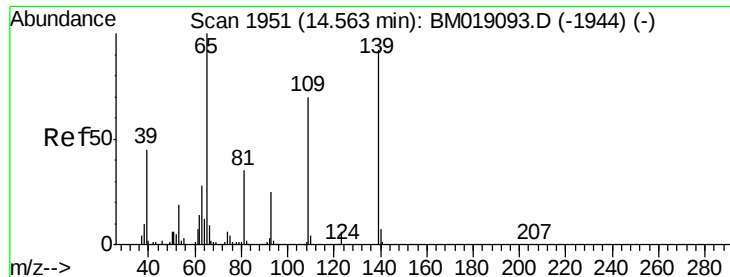
Tot Ion:138 Resp: 92579
Ion Ratio Lower Upper
138 100
108 71.0 9.0 13.4#
92 71.8 102.6 153.8#



#55
Dibenzofuran
Concen: 21.741 ng
RT: 14.73 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:168 Resp: 1992730
Ion Ratio Lower Upper
168 100
139 61.8 30.1 45.1#
169 109.7 10.6 16.0#

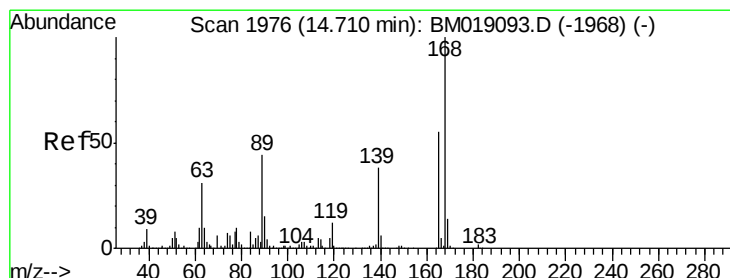
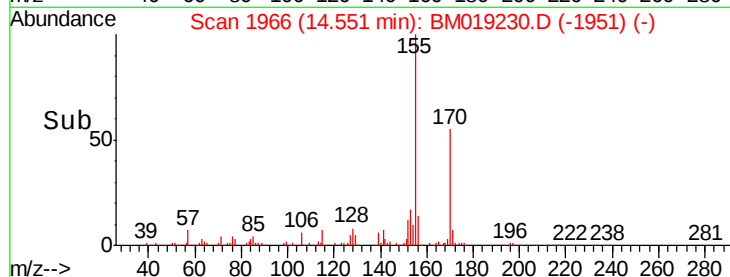
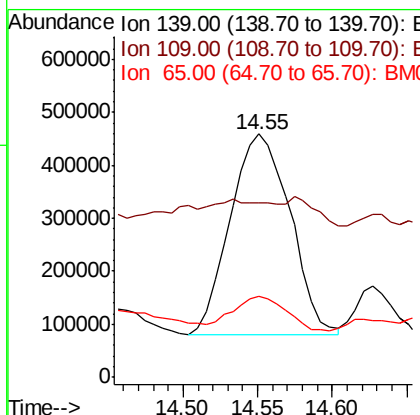
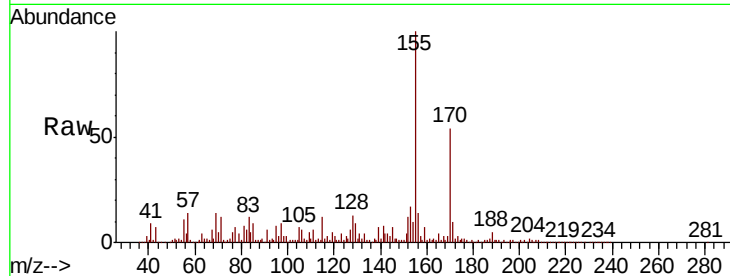




#56
4-Nitrophenol
Concen: 73.579 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

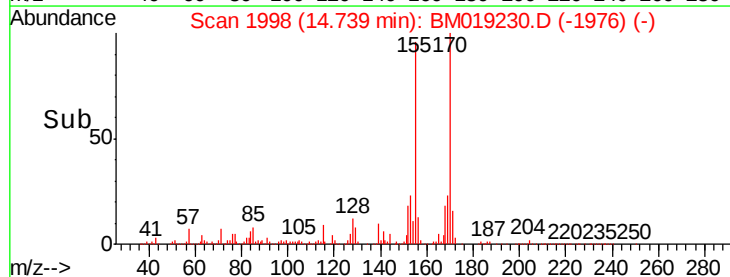
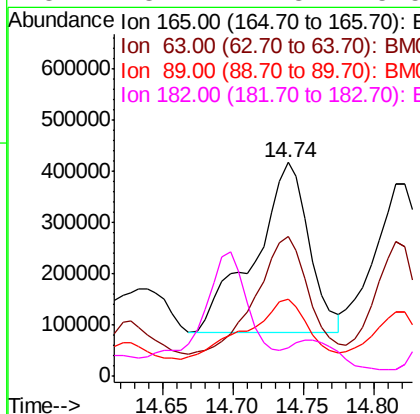
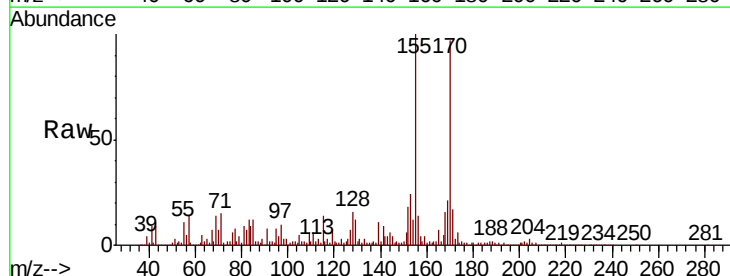
Instrument :
BNA_M
ClientSampleId :

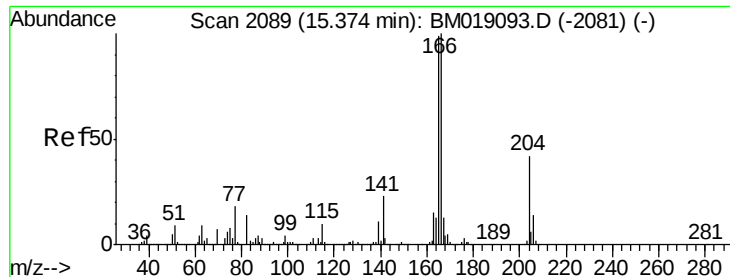
Tot Ion:139 Resp: 1055887
Ion Ratio Lower Upper
139 100
109 71.7 56.3 96.3
65 33.3 89.2 129.2#



#57
2,4-Dinitrotoluene
Concen: 37.435 ng
RT: 14.74 min Scan# 1998
Delta R.T. 0.03 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:165 Resp: 901765
Ion Ratio Lower Upper
165 100
63 65.3 44.7 67.1
89 35.8 63.4 95.2#
182 13.1 2.3 3.5#





#58

Fluorene

Concen: 49.459 ng

RT: 15.39 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

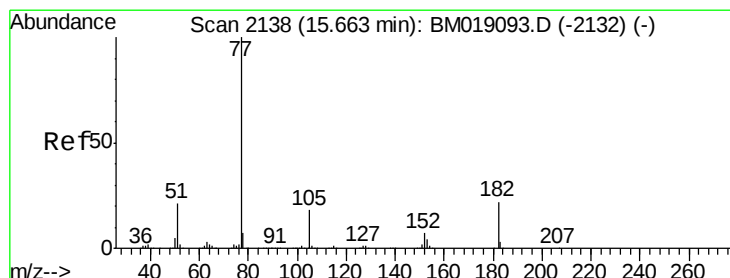
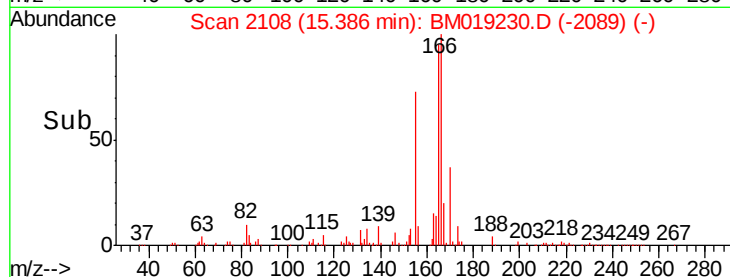
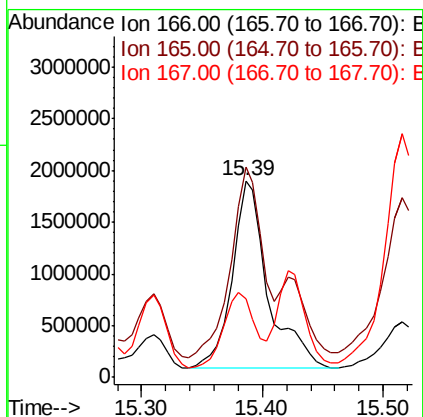
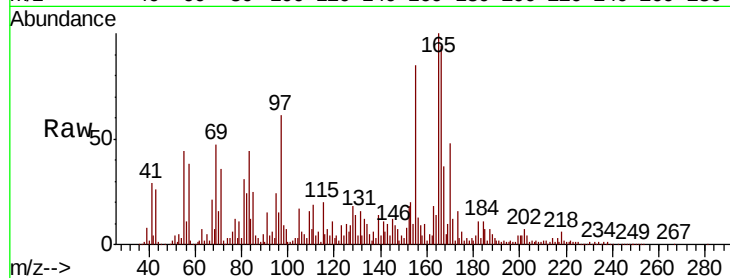
Tot Ion:166 Resp: 3736728

Ion Ratio Lower Upper

166 100

165 106.9 79.0 118.4

167 39.8 10.8 16.2#



#63

Azobenzene

Concen: 3.151 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Tgt Ion: 77 Resp: 257784

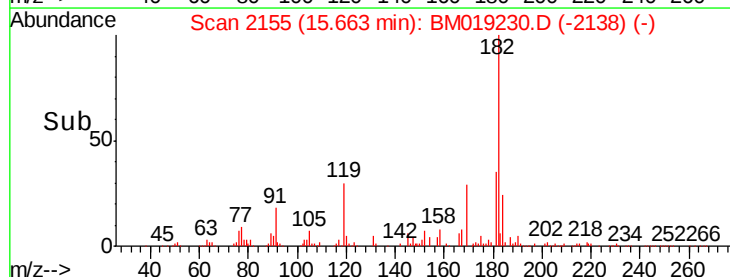
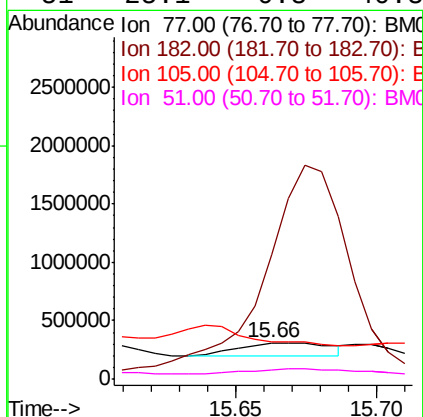
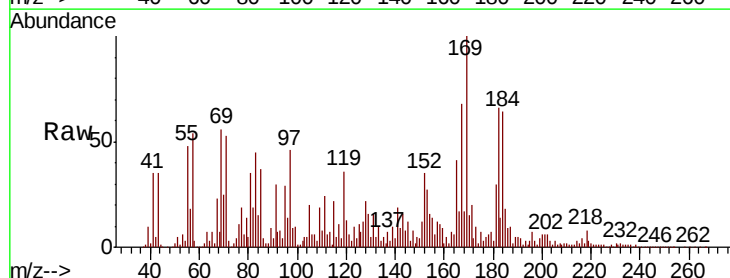
Ion Ratio Lower Upper

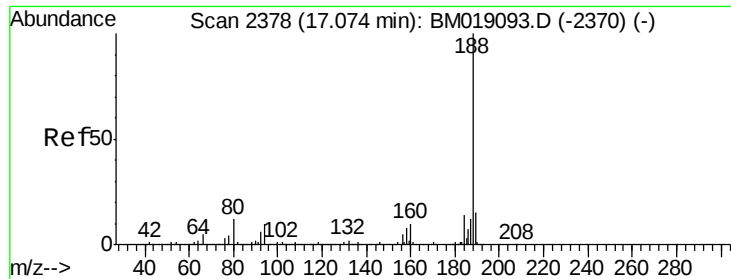
77 100

182 343.7 1.8 41.8#

105 104.4 0.0 38.3#

51 25.1 0.8 40.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

Instrument :

BNA_M

ClientSampleId :

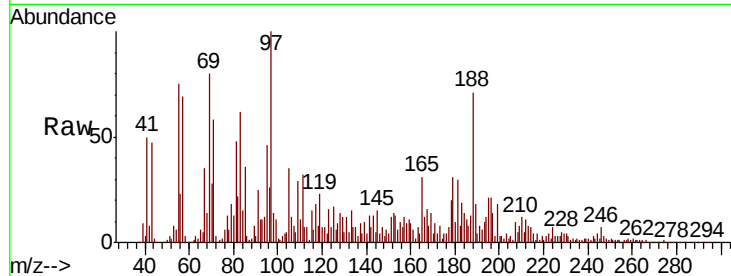
Tot Ion:188 Resp: 1161224

Ion Ratio Lower Upper

188 100

94 17.0 8.1 12.1#

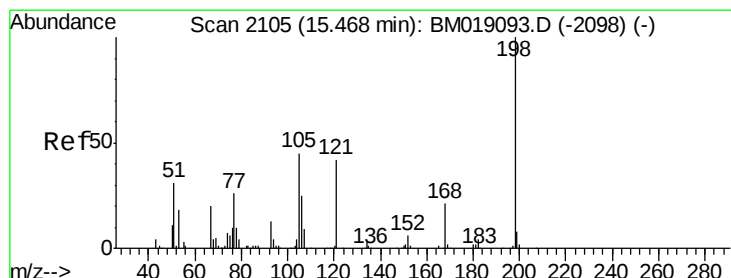
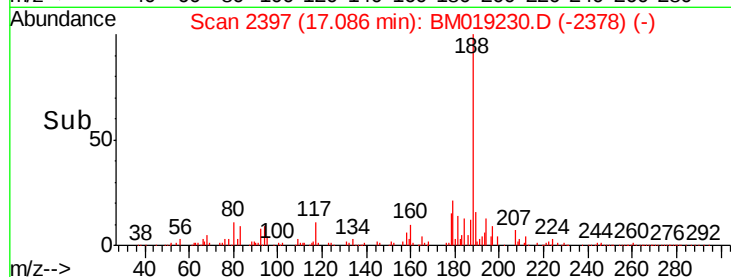
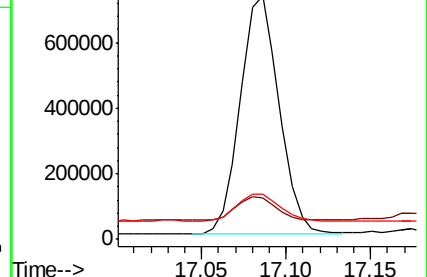
80 18.6 9.7 14.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

4,6-Dinitro-2-methylphenol

Concen: 5.584 ng

RT: 15.51 min Scan# 2129

Delta R.T. 0.04 min

Lab File: BM019230.D

Acq: 19 Mar 2019 11:02

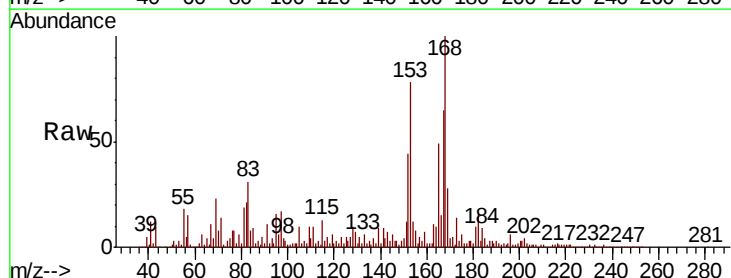
Tgt Ion:198 Resp: 42493

Ion Ratio Lower Upper

198 100

51 347.5 17.3 57.3#

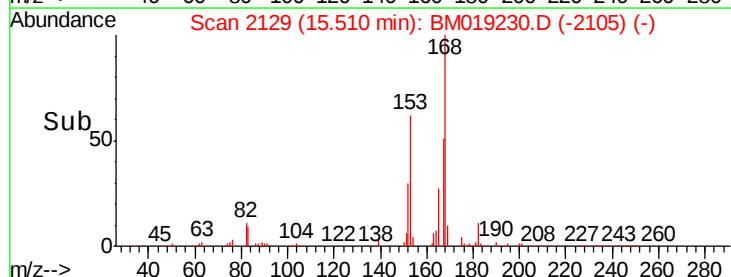
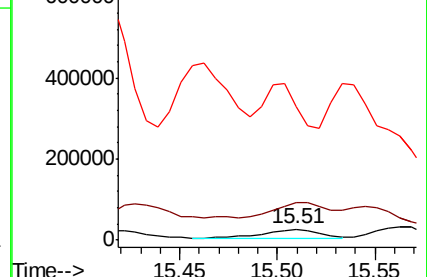
105 1226.9 26.2 66.2#

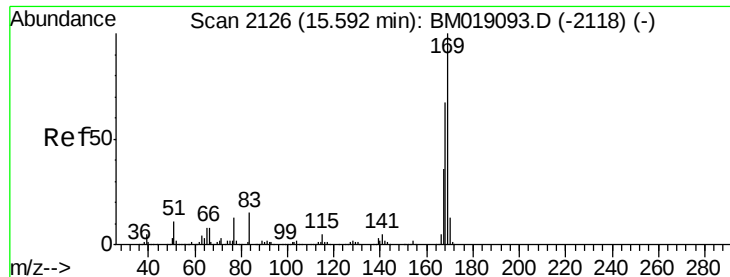


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

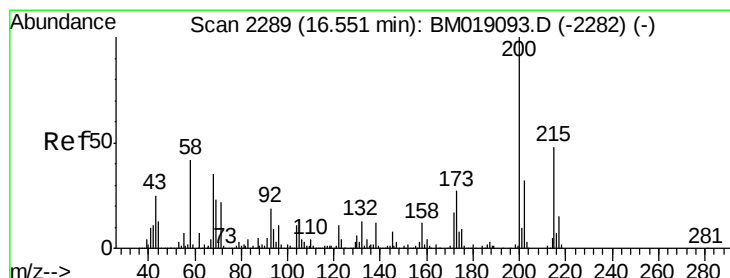
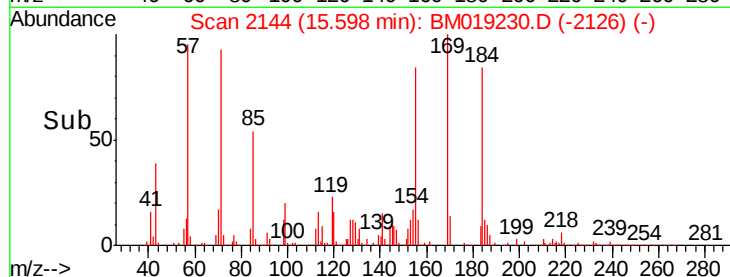
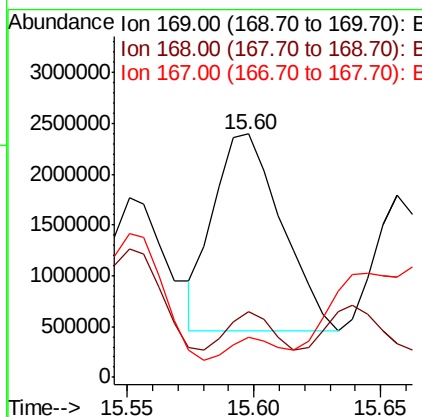
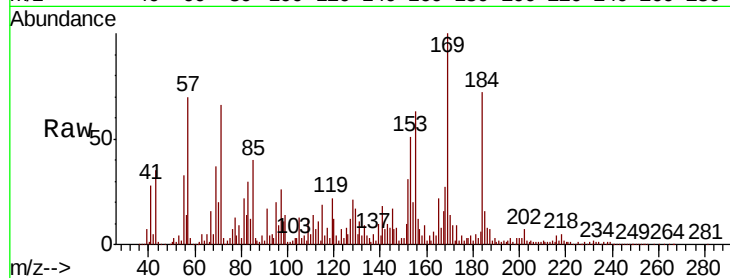




#66
n-Nitrosodiphenylamine
Concen: 97.033 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

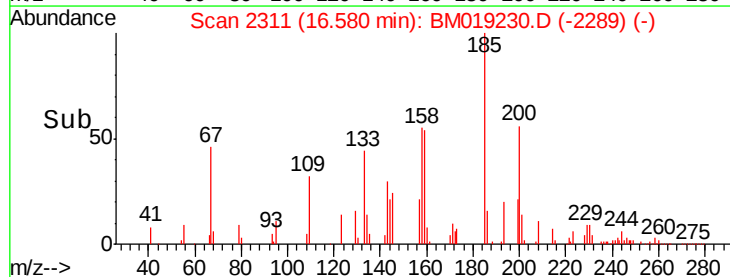
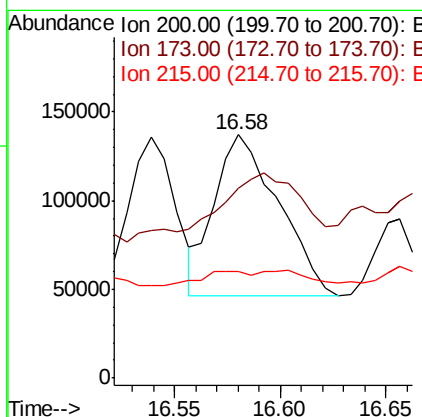
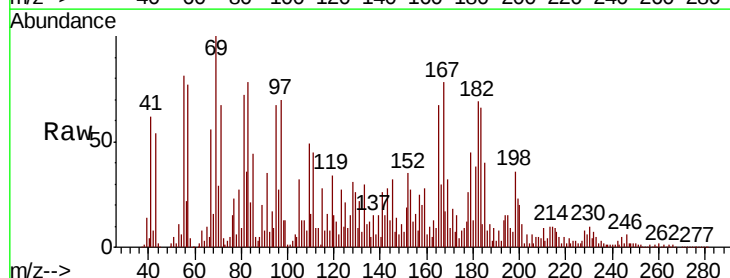
Instrument :
BNA_M
ClientSampleId :

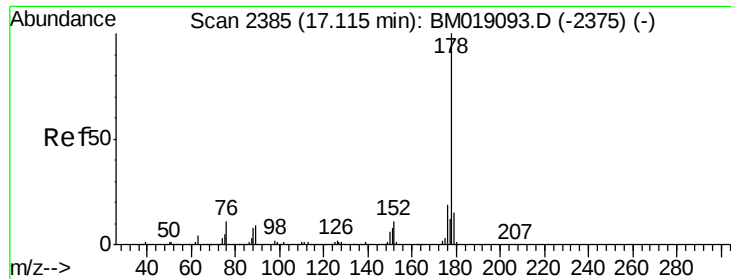
Tot Ion:169 Resp: 3587248
Ion Ratio Lower Upper
169 100
168 27.1 53.9 80.9#
167 16.3 28.8 43.2#



#69
Atrazine
Concen: 15.306 ng
RT: 16.58 min Scan# 2311
Delta R.T. 0.03 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:200 Resp: 190485
Ion Ratio Lower Upper
200 100
173 77.9 7.0 47.0#
215 43.8 27.7 67.7

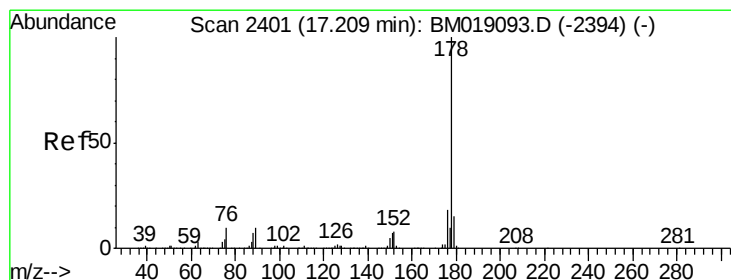
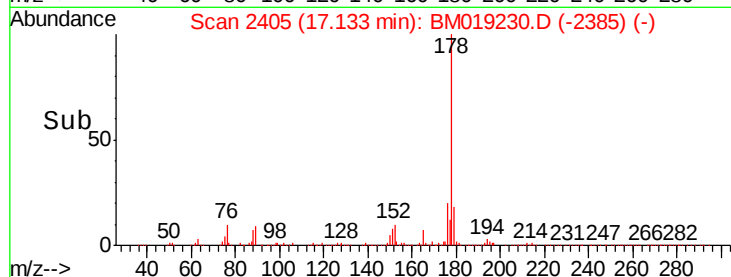
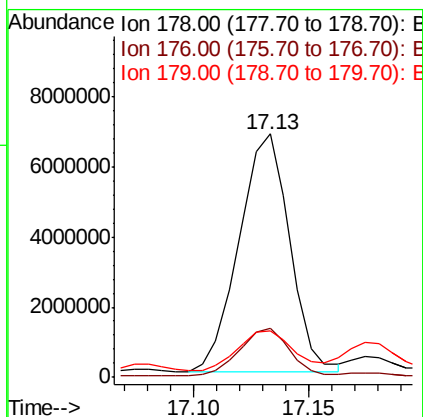
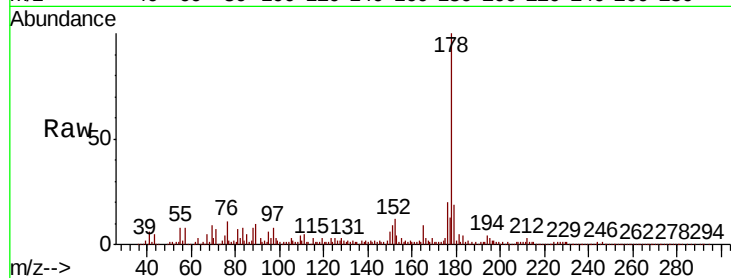




#71
Phenanthrene
Concen: 151.831 ng
RT: 17.13 min Scan# 2405
Delta R.T. 0.02 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

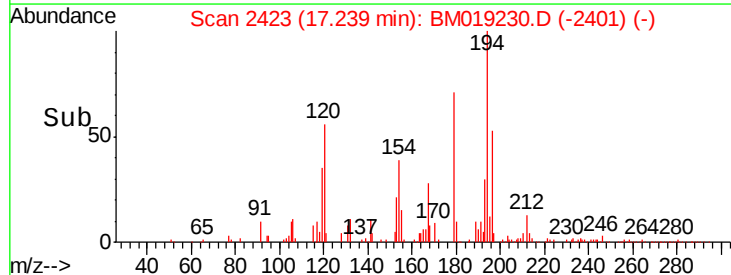
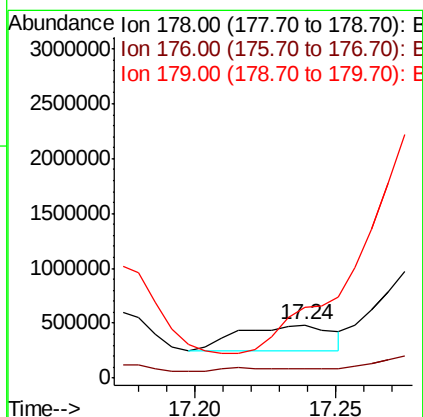
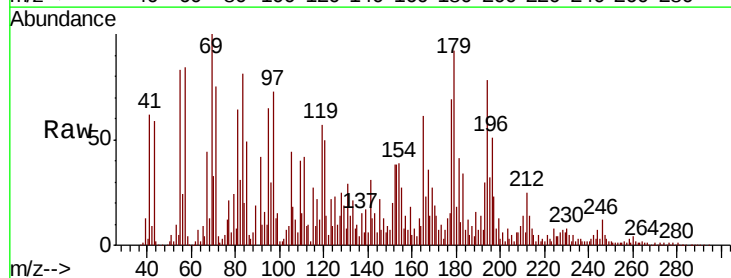
Instrument :
BNA_M
ClientSampleId :

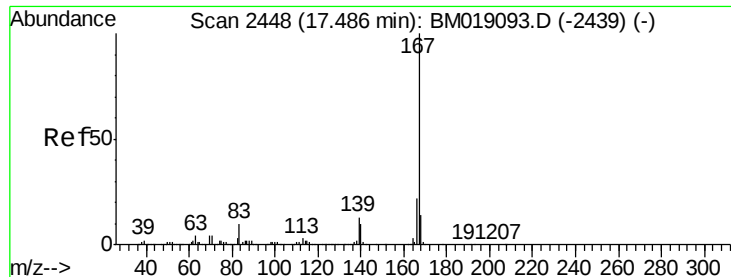
Tot Ion:178 Resp:10334149
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 19.1 12.2 18.2#



#72
Anthracene
Concen: 8.356 ng
RT: 17.24 min Scan# 2423
Delta R.T. 0.03 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:178 Resp: 556740
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 133.0 11.9 17.9#

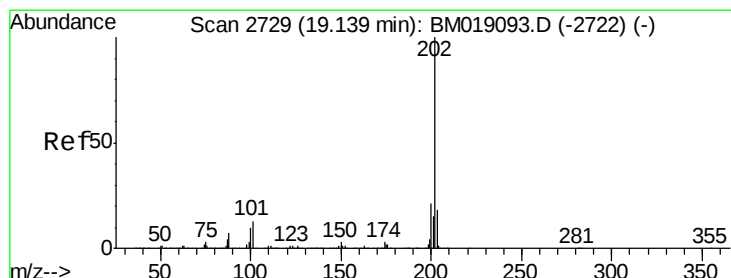
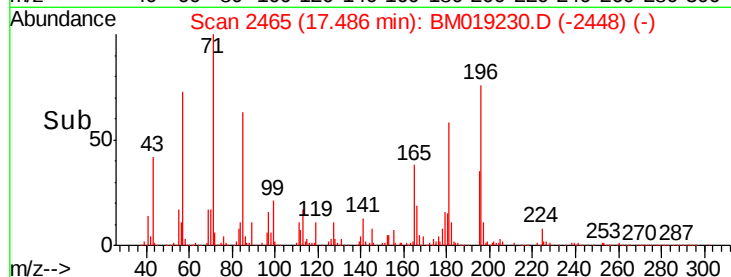
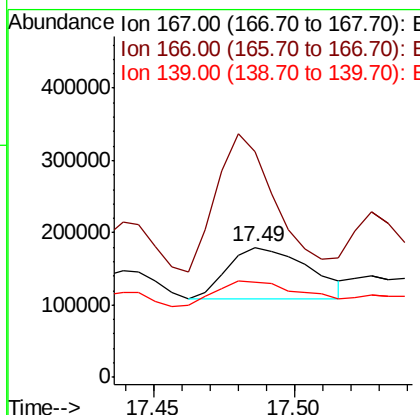
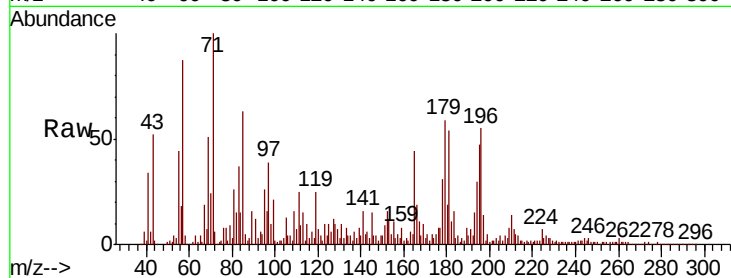




#73
 Carbazole
 Concen: 2.300 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

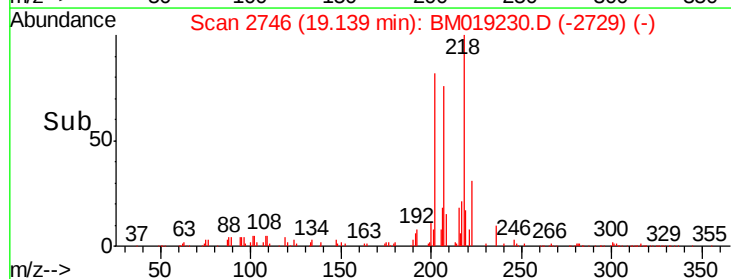
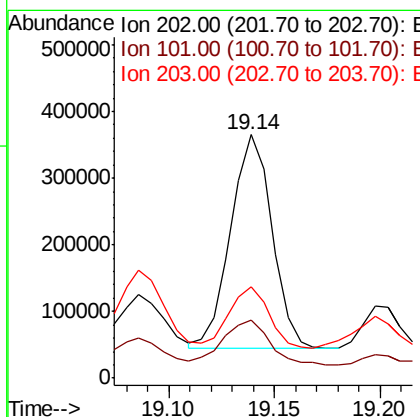
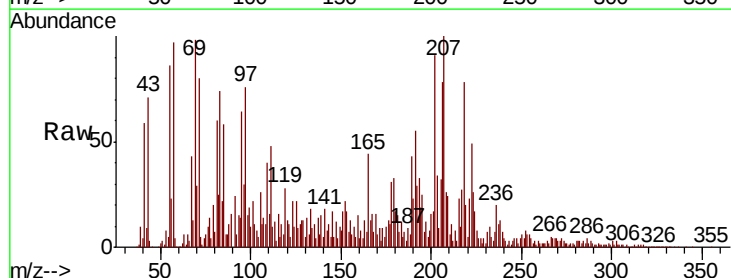
Instrument :
 BNA_M
 ClientSampled :

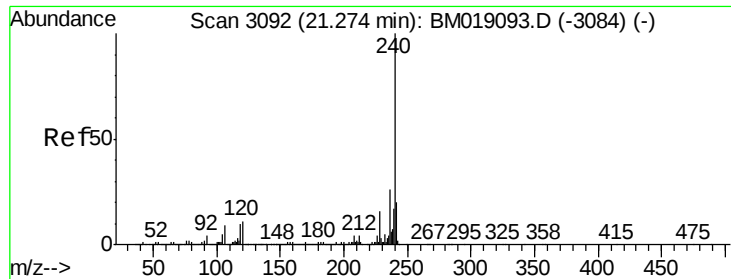
Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	173.9	17.8	26.8#	
139	73.8	10.5	15.7#	



#75
 Fluoranthene
 Concen: 5.571 ng
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	23.7	0.0	33.0	
203	37.6	0.0	37.8	

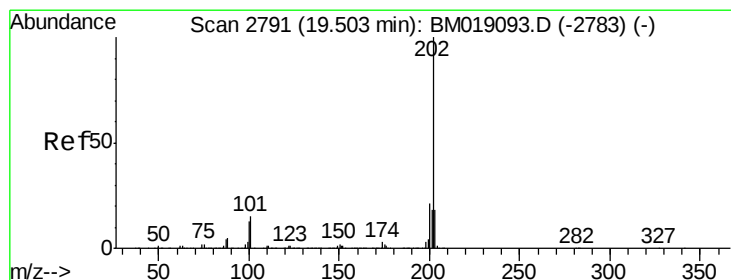
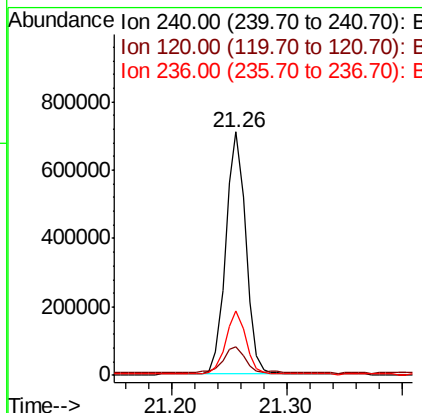
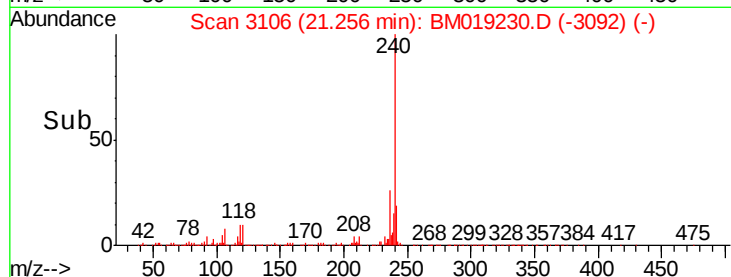
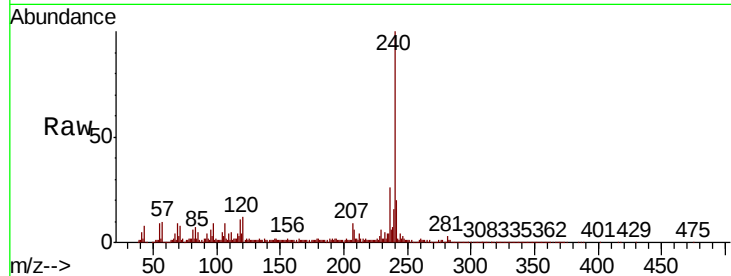




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

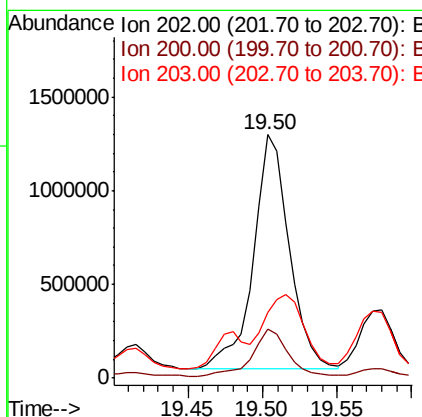
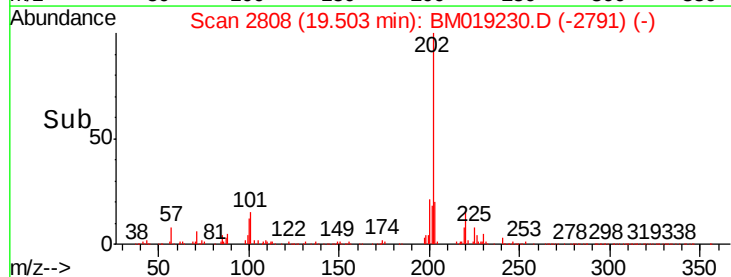
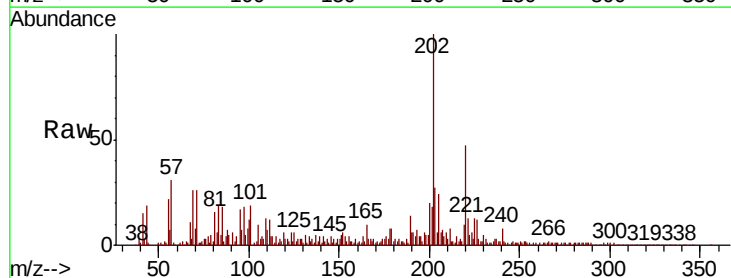
Instrument :
BNA_M
ClientSampleId :

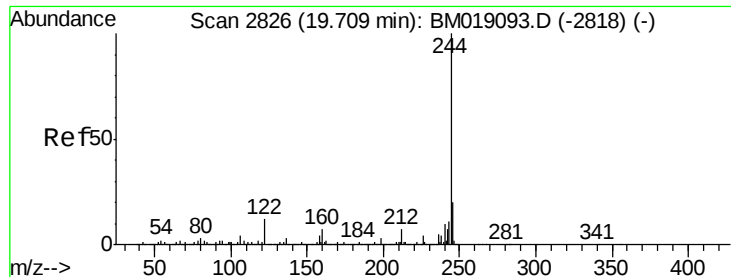
Tot Ion:240 Resp: 850022
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.4 21.0 31.4



#78
Pyrene
Concen: 38.752 ng
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM019230.D
Acq: 19 Mar 2019 11:02

Tgt Ion:202 Resp: 2084134
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 26.9 14.0 21.0#



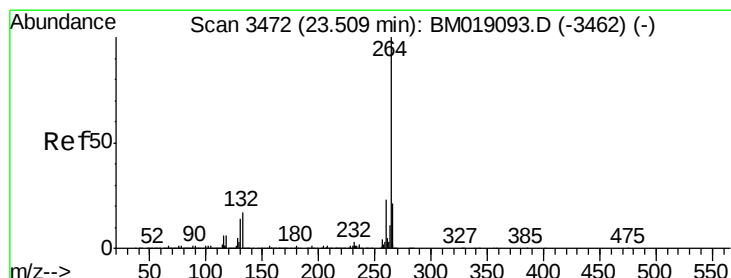
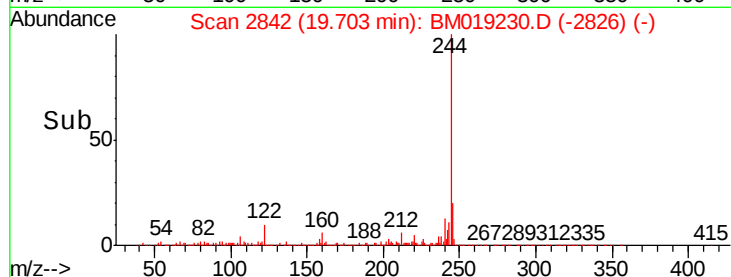
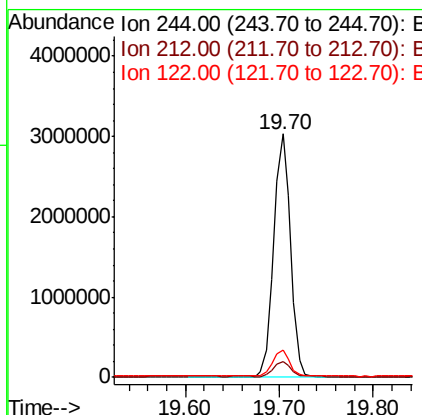
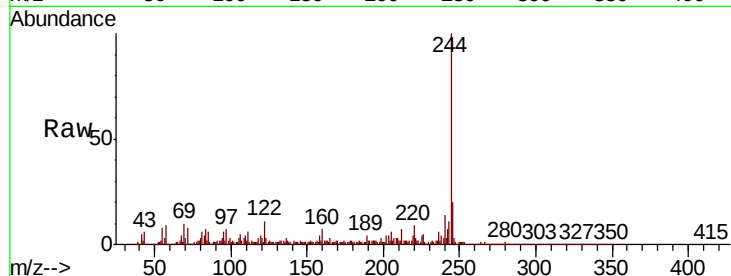


#79
 Terphenyl-d14
 Concen: 87.126 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3730529

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.0	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.03 min
 Lab File: BM019230.D
 Acq: 19 Mar 2019 11:02

Tgt Ion:264 Resp: 882139

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.3	17.3	25.9

