

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018763.D
 Acq On : 11 Feb 2019 18:29
 Operator : JU/SJ
 Sample : K1404-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-02-06-19

Quant Time: Feb 12 00:44:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	286877	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1105818	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	634051	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1520831	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1735213	20.00	ng	0.00
87) Perylene-d12	23.57	264	1764607	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	944873	53.97	ng	0.00
7) Phenol-d6	6.89	99	738125	29.93	ng	0.00
23) Nitrobenzene-d5	8.88	82	2289071	95.72	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1353774	148.12	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4563364	95.54	ng	0.00
79) Terphenyl-d14	19.75	244	8427213	100.19	ng	0.00

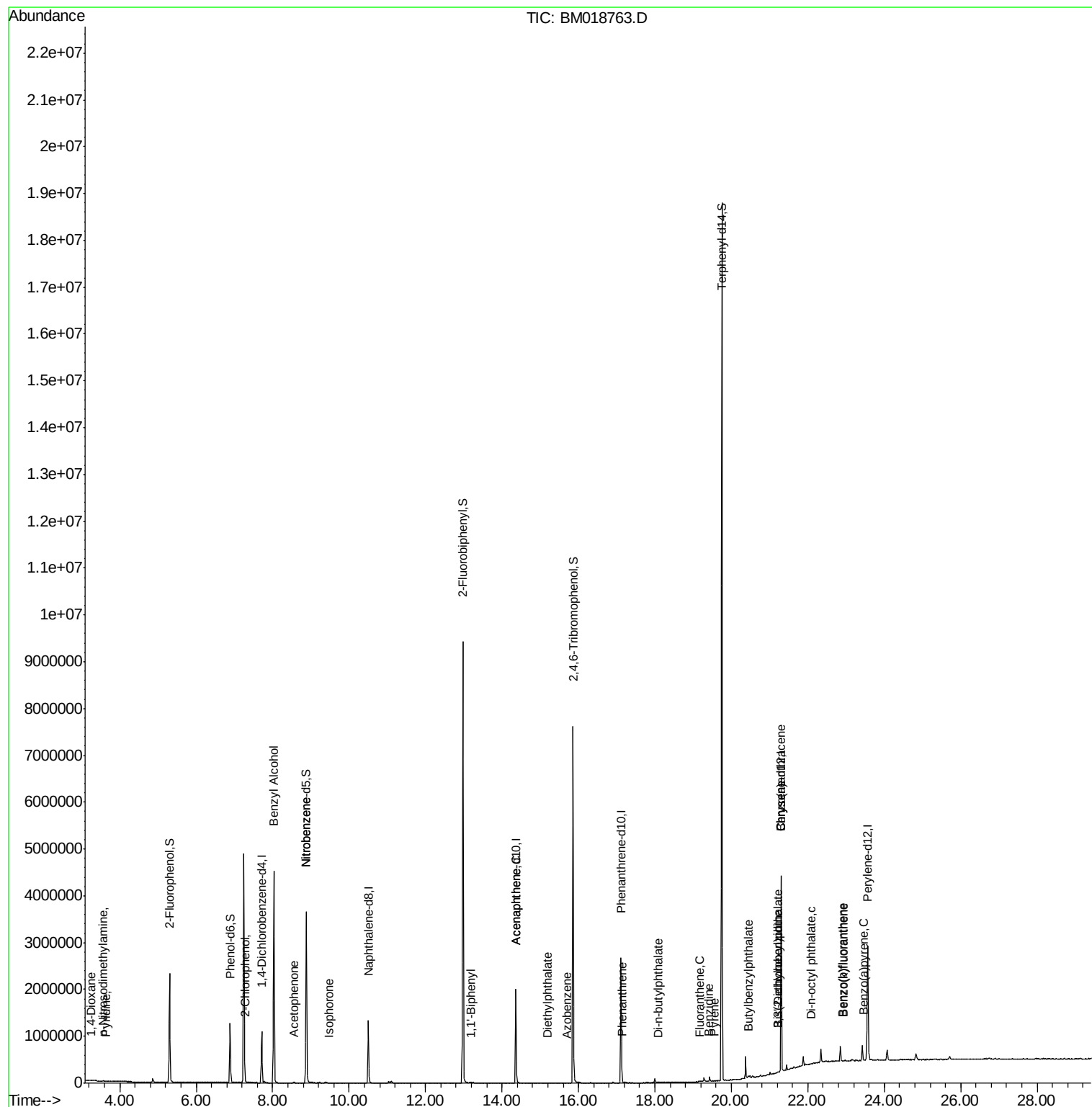
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	239	0.031	ng	# 1
3) Pyridine	3.65	79	242	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	297	0.056	ng	# 1
8) 2-Chlorophenol	7.27	128	256	0.013	ng	# 1
9) Benzaldehyde	6.89	77	4431	Below Cal		# 51
15) Benzyl Alcohol	8.03	79	34492	1.760	ng	# 48
22) Acetophenone	8.55	105	10682	0.352	ng	# 89
24) Nitrobenzene	8.88	77	8742	0.352	ng	# 44
25) Isophorone	9.47	82	654	0.017	ng	# 68
46) 1,1'-Biphenyl	13.20	154	6557	0.120	ng	# 95
52) Acenaphthene	14.36	154	2170	0.056	ng	# 4
60) Diethylphthalate	15.19	149	1617	0.030	ng	# 67
63) Azobenzene	15.69	77	108	0.002	ng	# 57
71) Phenanthrene	17.15	178	910	0.011	ng	# 60
74) Di-n-butylphthalate	18.08	149	3899	0.041	ng	# 89
75) Fluoranthene	19.19	202	237	0.003	ng	# 64
77) Benzidine	19.41	184	1759	0.045	ng	# 67
78) Pyrene	19.55	202	128	0.001	ng	# 57
80) Butylbenzylphthalate	20.44	149	906	0.020	ng	# 90
81) Benzo(a)anthracene	21.30	228	4804	0.047	ng	# 69
82) 3,3'-Dichlorobenzidine	21.20	252	406	0.010	ng	# 26
83) Chrysene	21.30	228	4804	0.050	ng	# 67
84) Bis(2-ethylhexyl)phthalate	21.21	149	4840	0.072	ng	# 89
85) Di-n-octyl phthalate	22.09	149	343	0.003	ng	# 67
88) Benzo(b)fluoranthene	22.91	252	403	0.004	ng	# 1
89) Benzo(k)fluoranthene	22.93	252	166	0.002	ng	# 1
90) Benzo(a)pyrene	23.47	252	439	0.005	ng	# 1

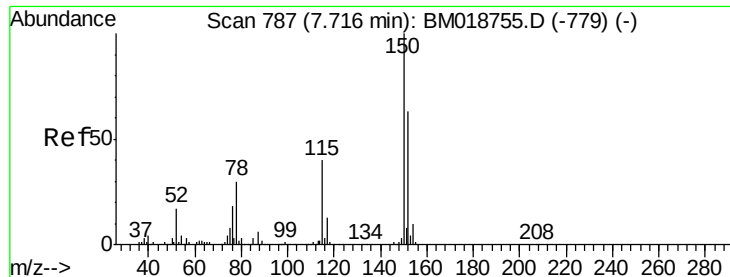
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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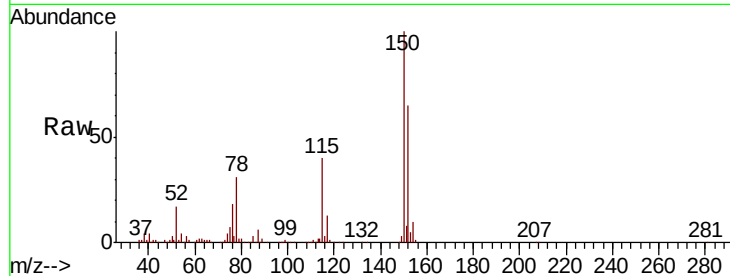


#1

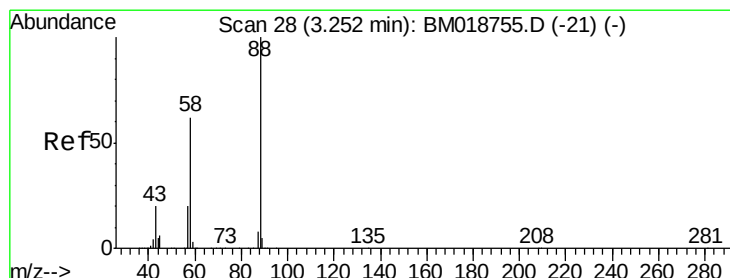
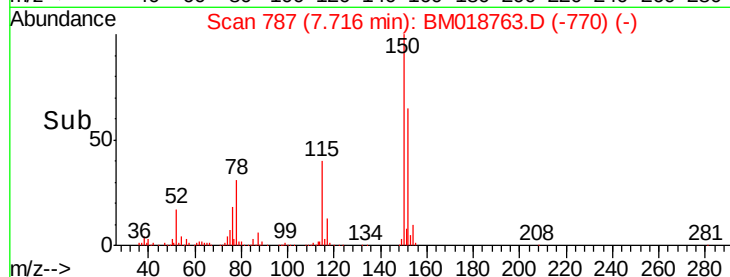
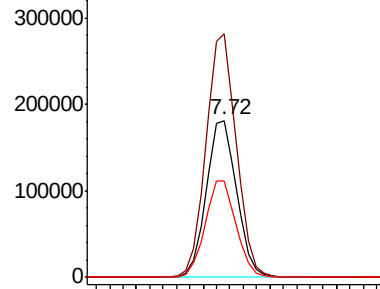
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Instrument :
BNA_M
ClientSampleId :
FB-02-06-19

Tgt Ion:152 Resp: 286877
Ion Ratio Lower Upper
152 100
150 154.9 127.3 190.9
115 61.5 50.8 76.2



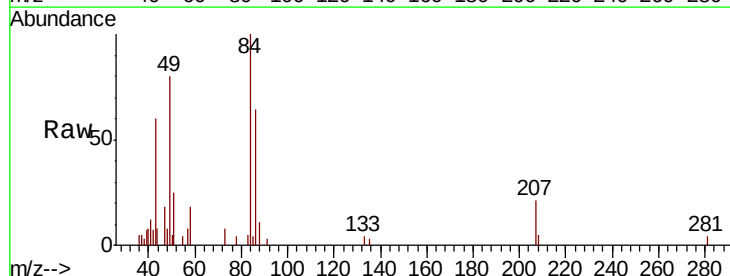
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



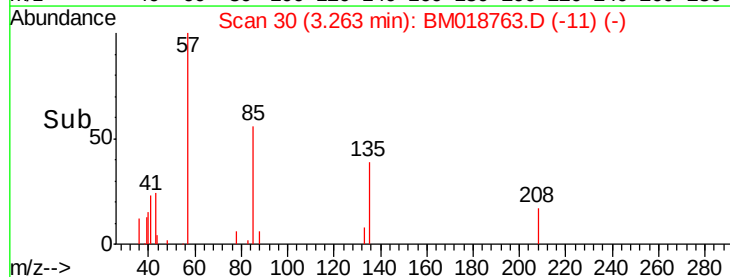
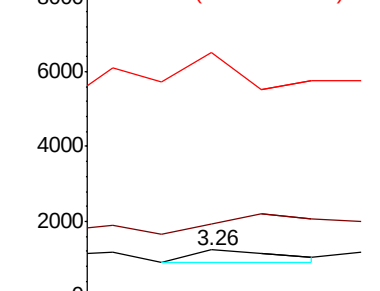
#2

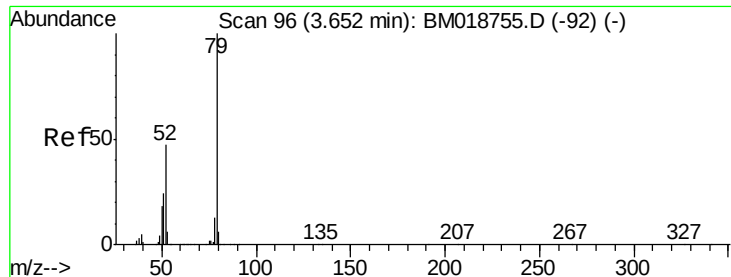
1,4-Dioxane
Concen: 0.031 ng
RT: 3.26 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 652.3 16.7 25.1#



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





#3

Pyridine

Concen: 0.012 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

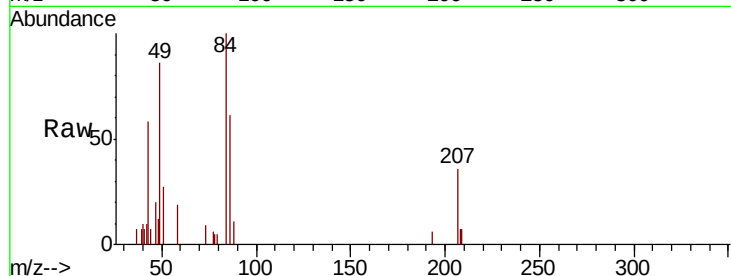
Tgt Ion: 79 Resp: 242

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

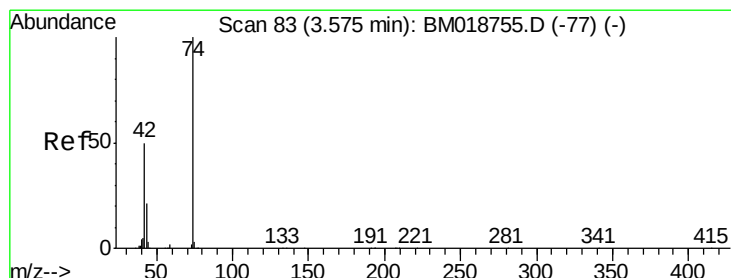
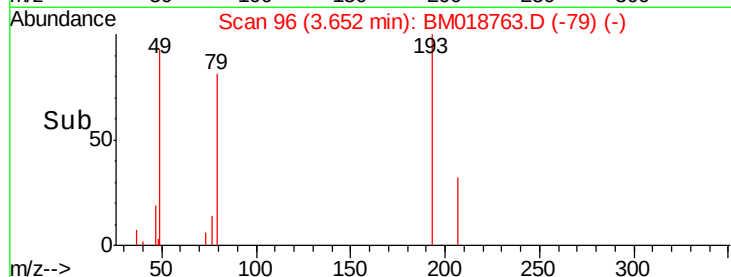
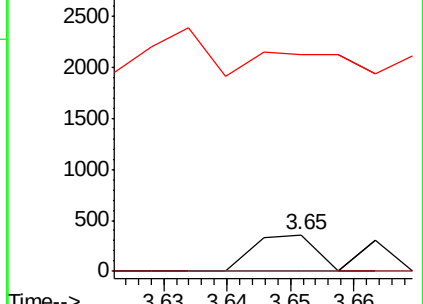
51 593.3 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.056 ng

RT: 3.58 min Scan# 84

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

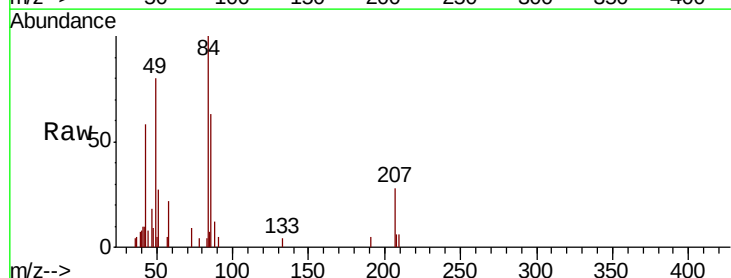
Tgt Ion: 42 Resp: 297

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

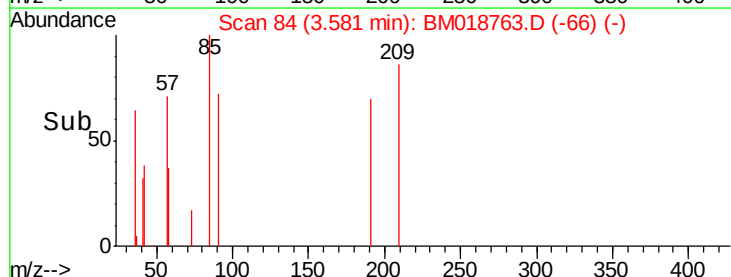
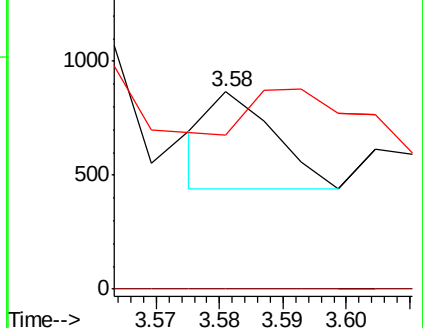
44 78.5 4.9 7.3#

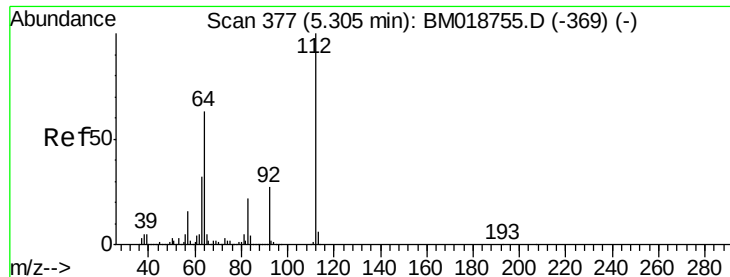


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 53.966 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

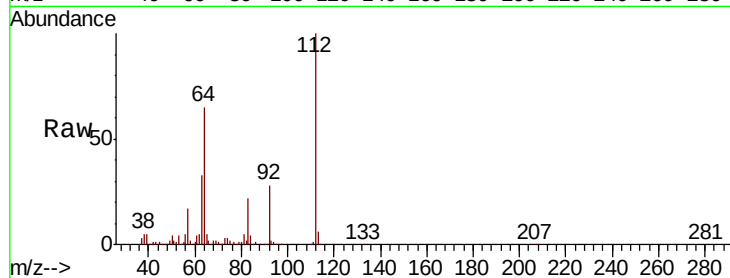
Tgt Ion: 112 Resp: 944873

Ion Ratio Lower Upper

112 100

64 64.7 50.6 75.8

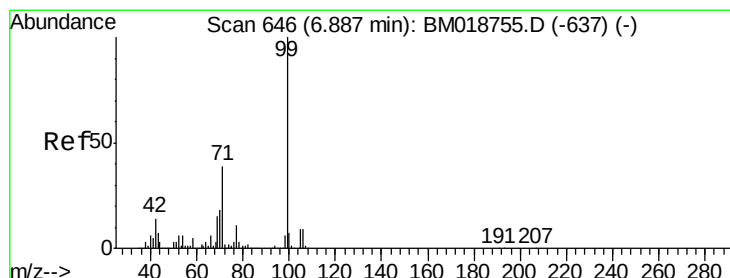
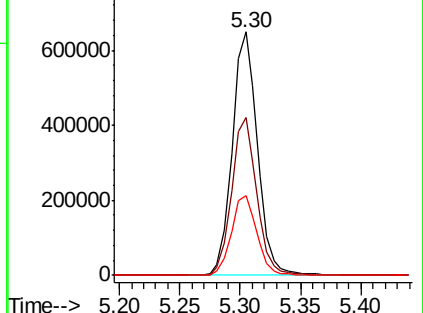
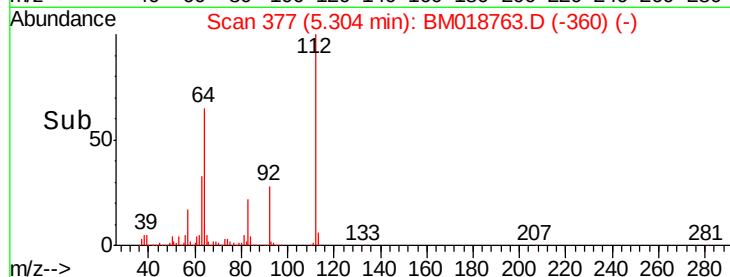
63 32.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 29.925 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

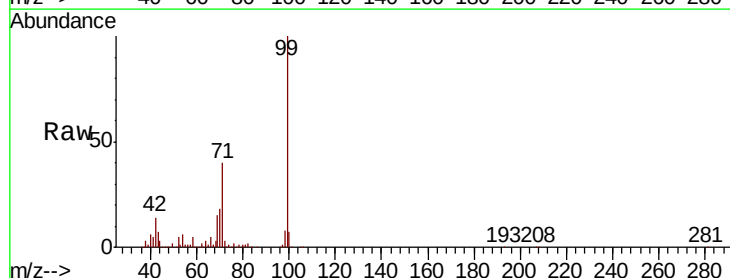
Tgt Ion: 99 Resp: 738125

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

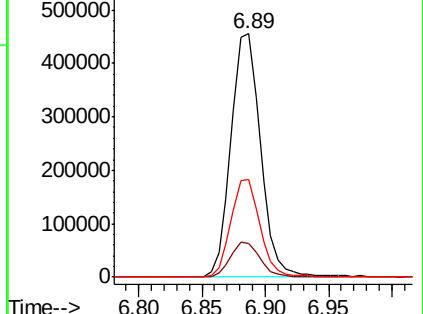
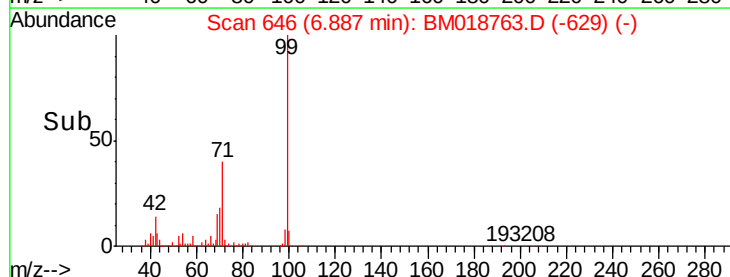
71 40.2 31.3 46.9

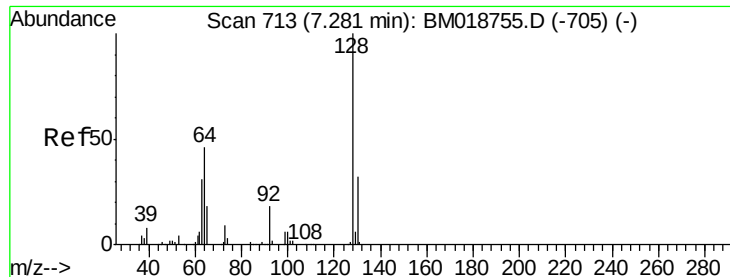


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.013 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampled :

FB-02-06-19

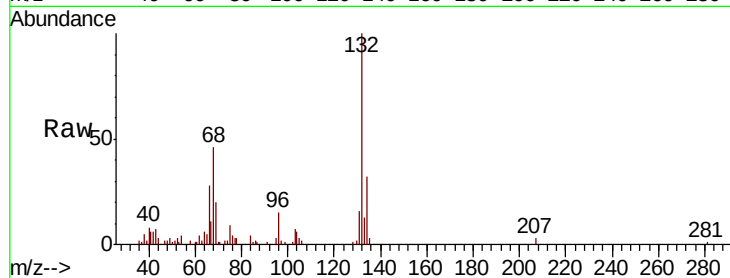
Tgt Ion:128 Resp: 256

Ion Ratio Lower Upper

128 100

130 148.9 11.7 51.7#

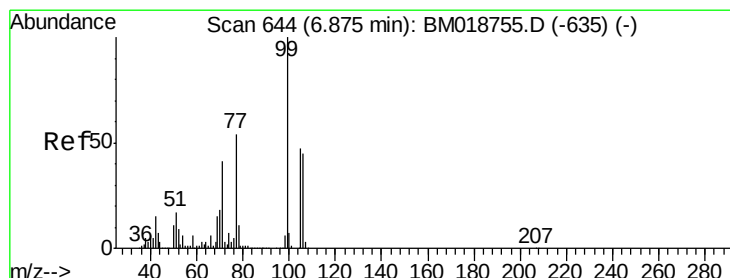
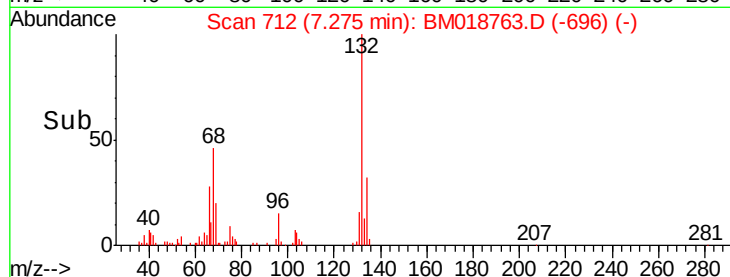
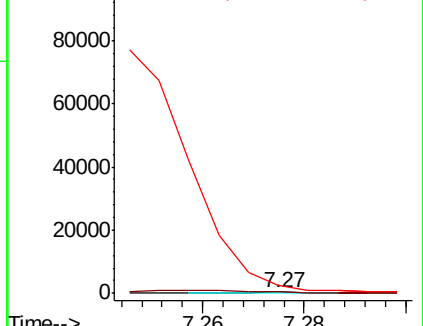
64 579.4 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

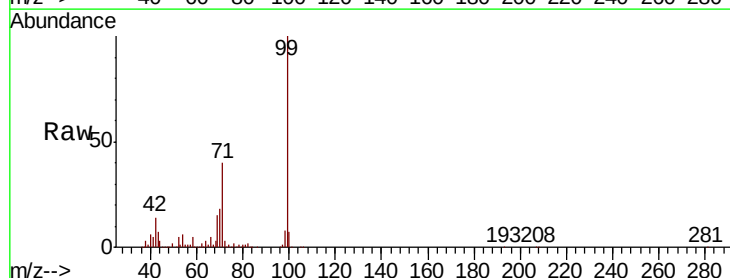
Tgt Ion: 77 Resp: 4431

Ion Ratio Lower Upper

77 100

105 47.8 67.3 107.3#

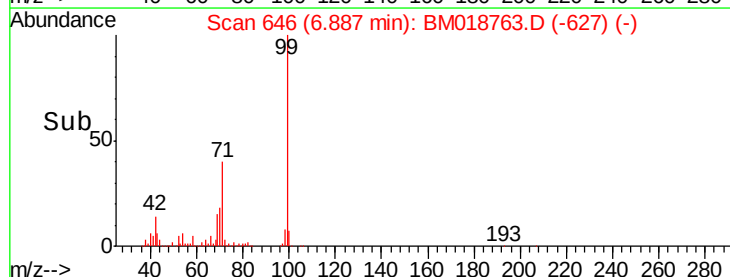
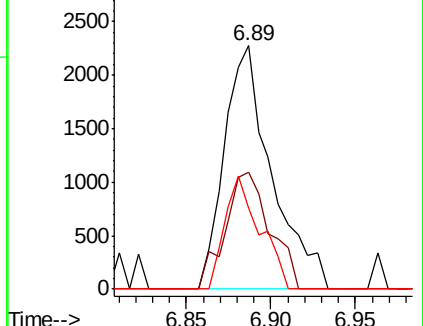
106 33.2 62.9 102.9#

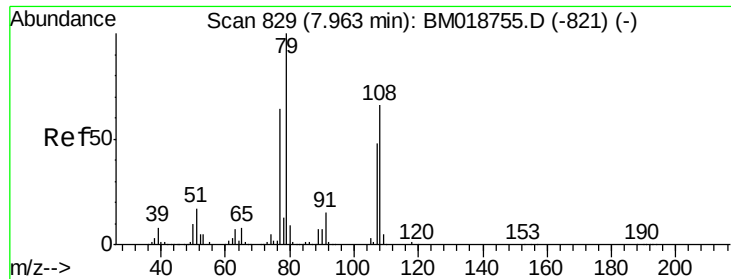


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 1.760 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018763.D

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ClientSampleId :

FB-02-06-19

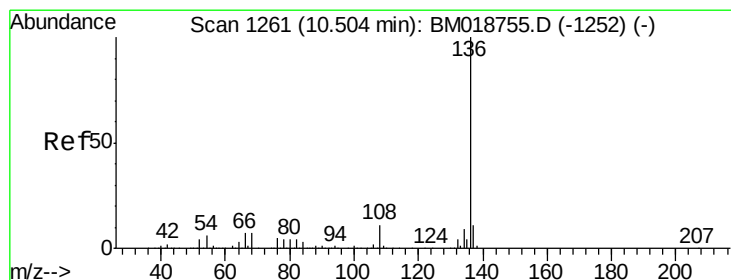
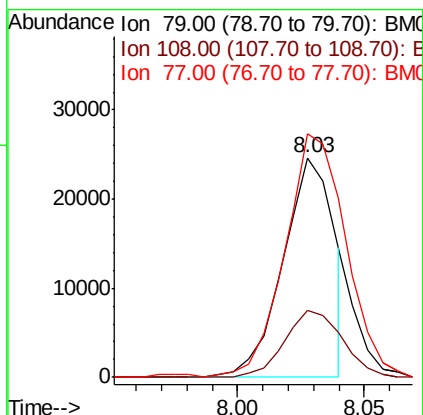
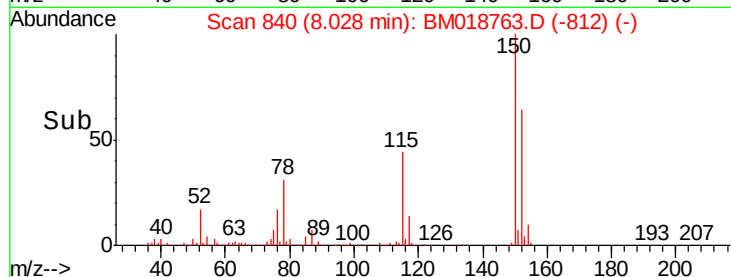
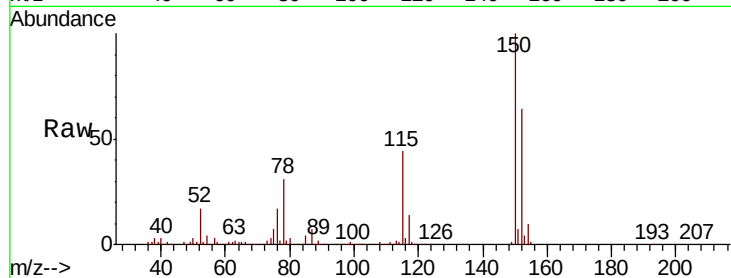
Tgt Ion: 79 Resp: 34492

Ion Ratio Lower Upper

79 100

108 30.6 52.7 79.1#

77 110.9 51.0 76.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Tgt Ion: 136 Resp: 1105818

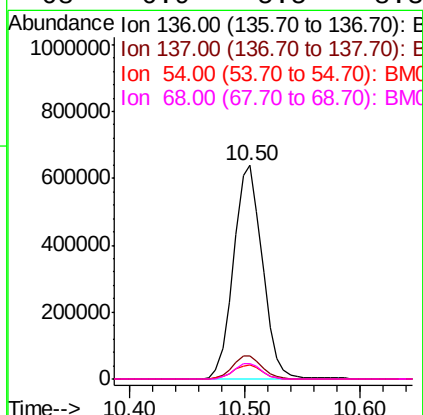
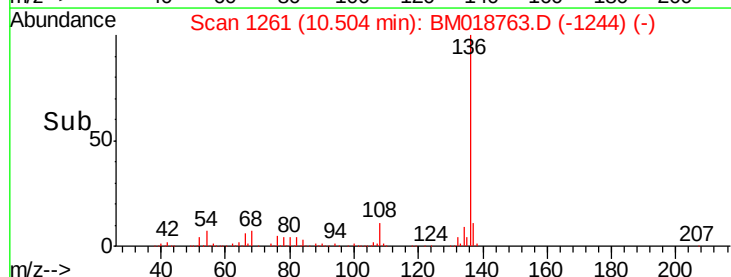
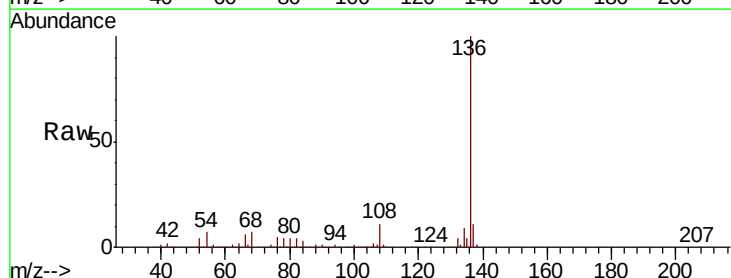
Ion Ratio Lower Upper

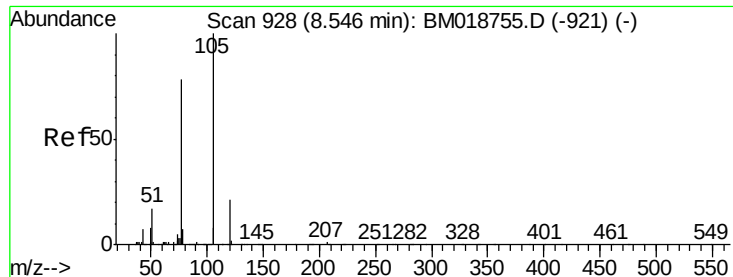
136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 6.9 5.5 8.3





#22

Acetophenone

Concen: 0.352 ng

RT: 8.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

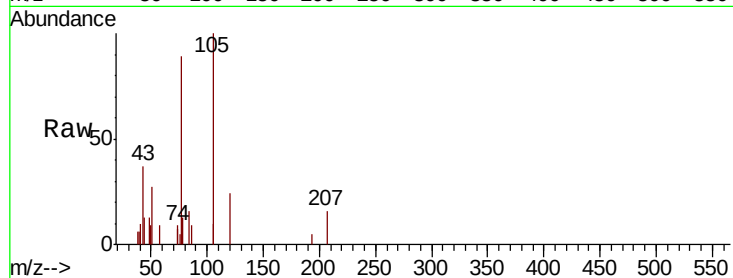
Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

Tgt Ion:	105	Resp:	10682
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	27.0	15.5	23.3#
120	24.1	17.0	25.4

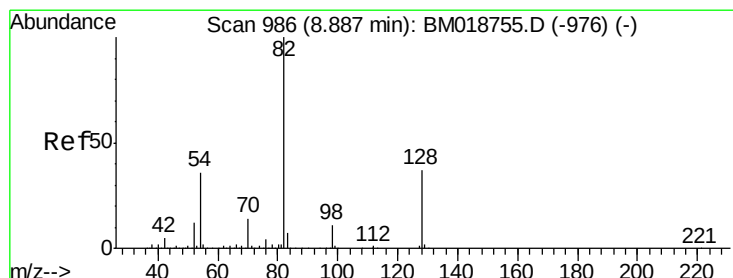
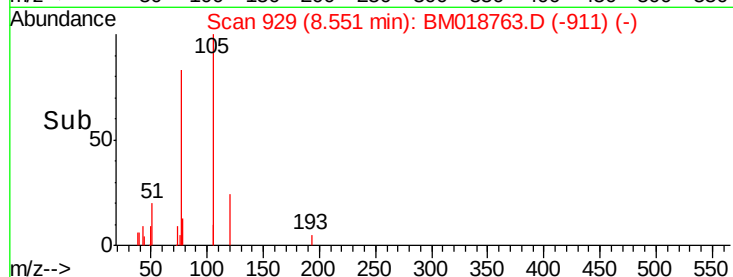
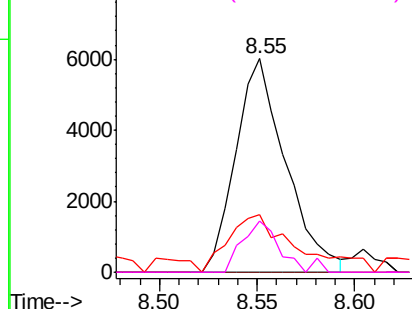


Abundance Ion 105.00 (104.70 to 105.70): E

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: 95.715 ng

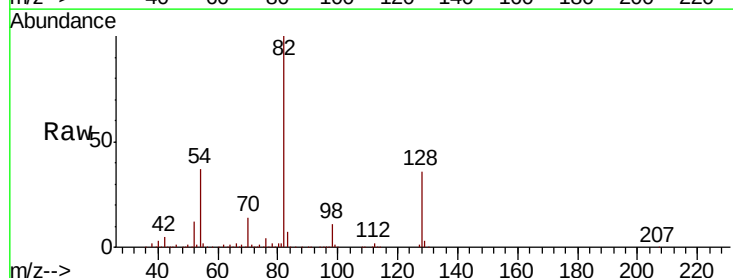
RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

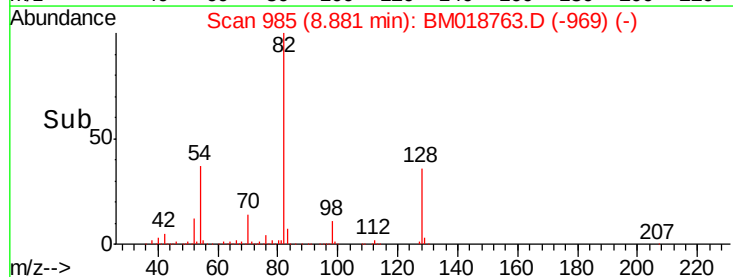
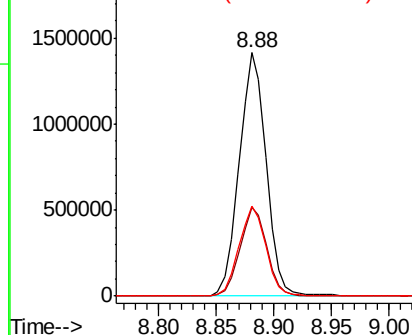
Tgt Ion:	82	Resp:	2289071
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.9	44.9
54	36.7	29.1	43.7

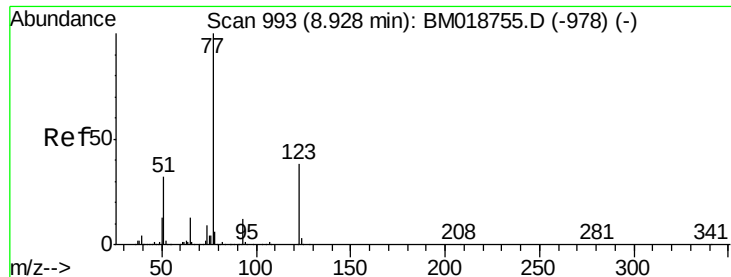


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#24

Nitrobenzene

Concen: 0.352 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BM018763.D

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BNA_M

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FB-02-06-19

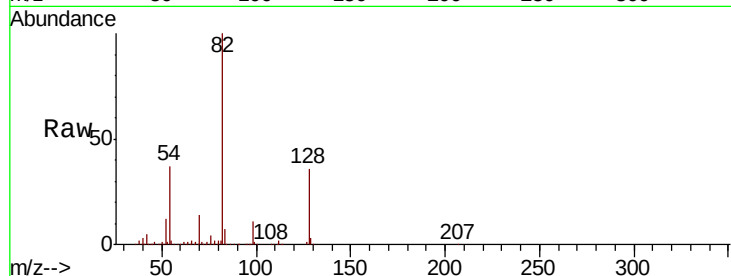
Tgt Ion: 77 Resp: 8742

Ion Ratio Lower Upper

77 100

123 0.0 30.7 46.1#

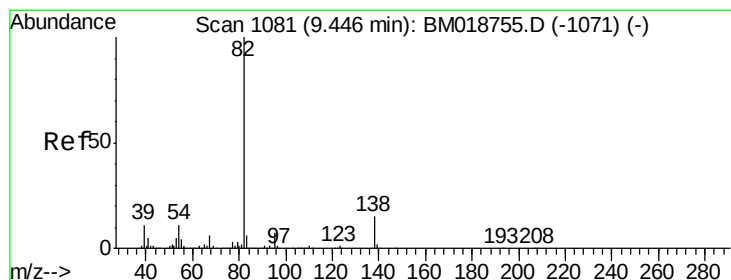
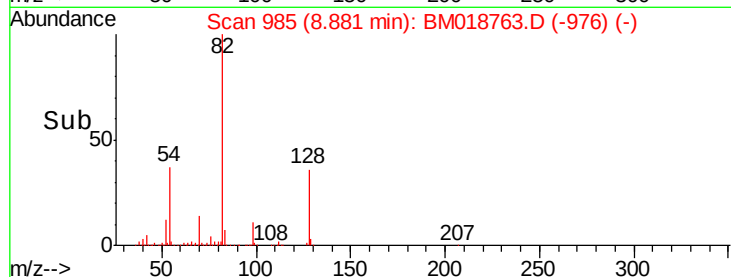
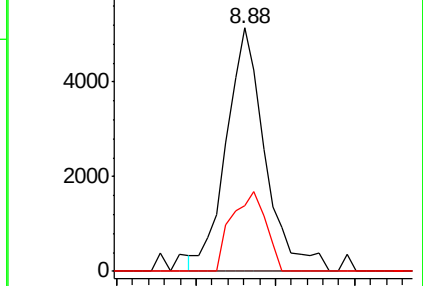
65 26.9 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)



#25

Isophorone

Concen: 0.017 ng

RT: 9.47 min Scan# 1085

Delta R.T. 0.02 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

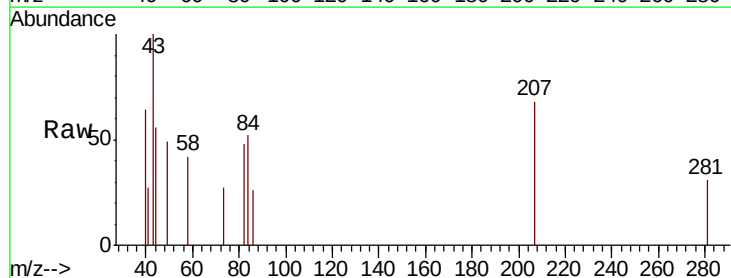
Tgt Ion: 82 Resp: 654

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

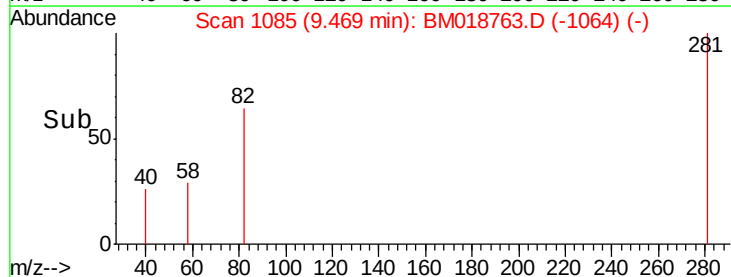
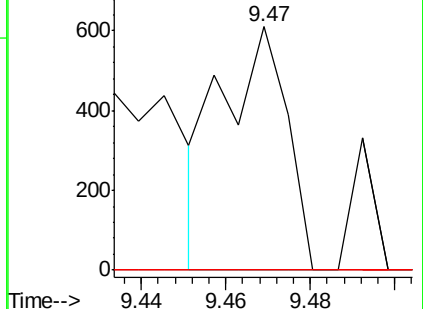
138 0.0 12.3 18.5#

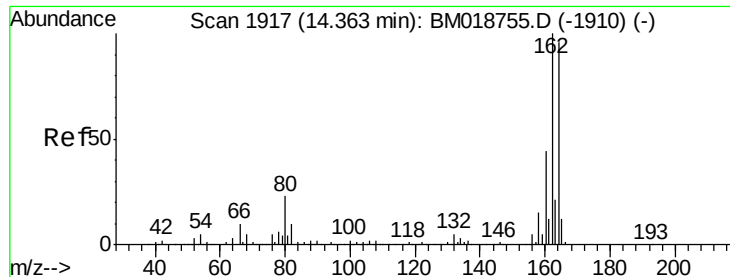


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

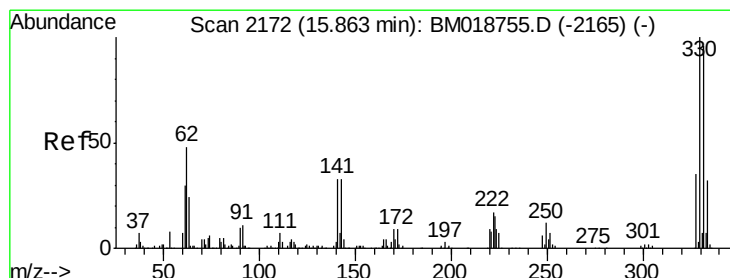
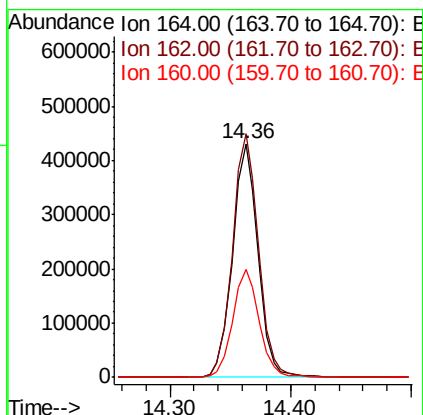
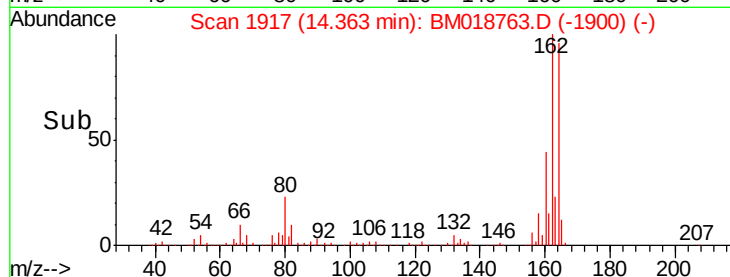
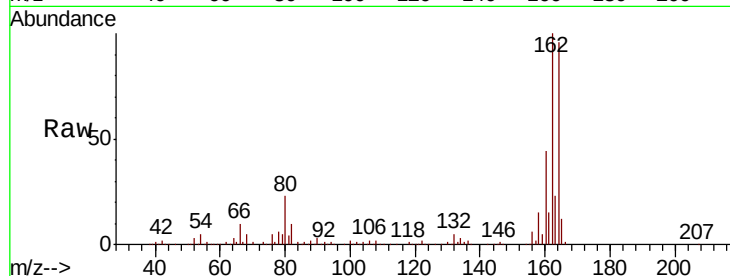
Tgt Ion:164 Resp: 634051

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

160 46.0 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 148.121 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

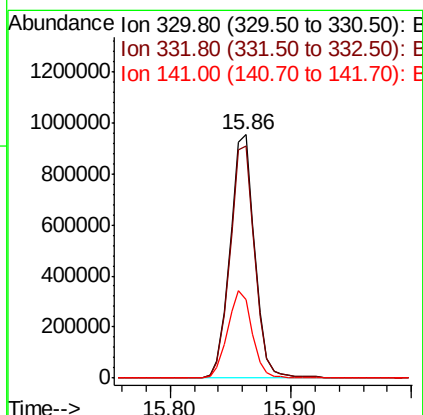
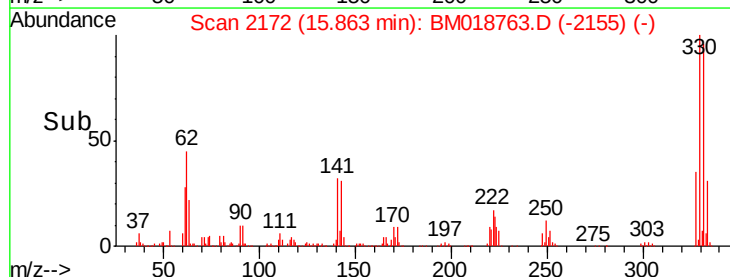
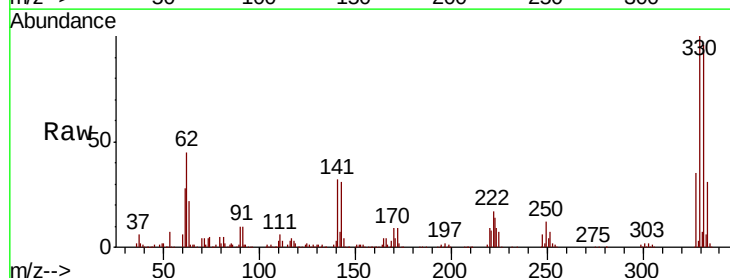
Tgt Ion:330 Resp: 1353774

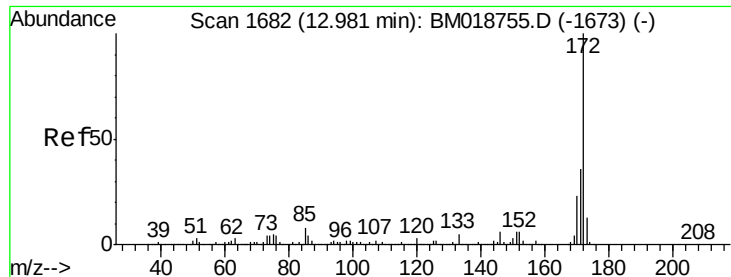
Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 35.8 28.7 43.1

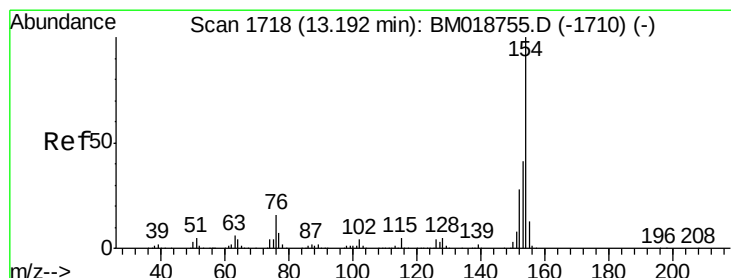
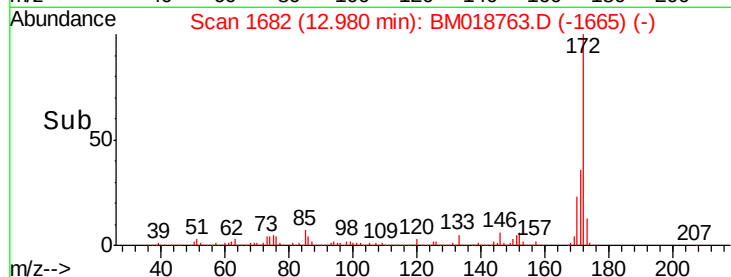
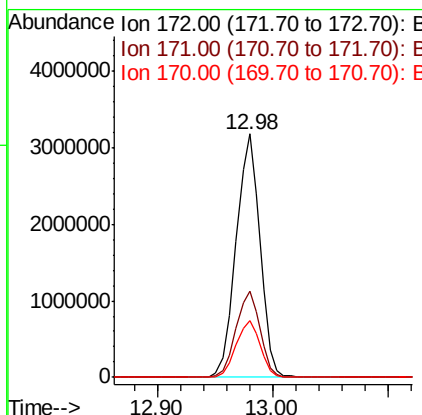
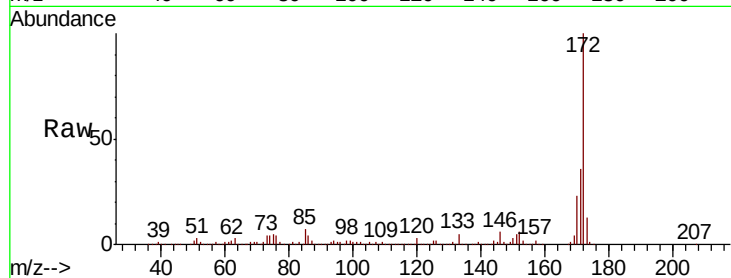




#45
2-Fluorobiphenyl
Concen: 95.540 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

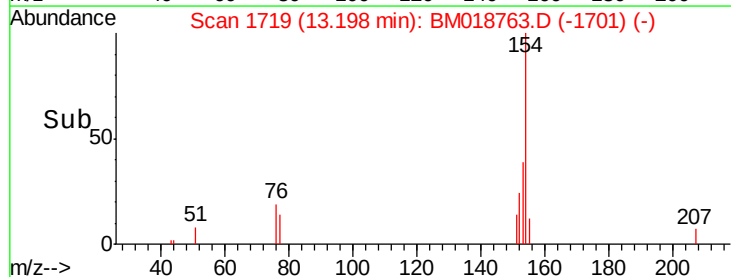
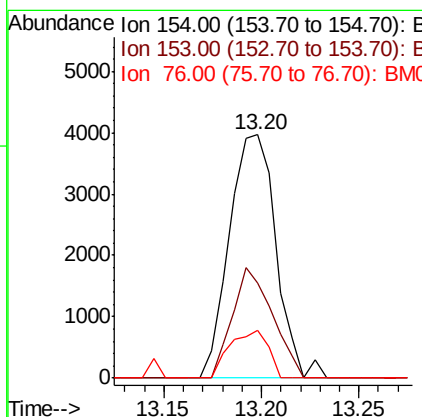
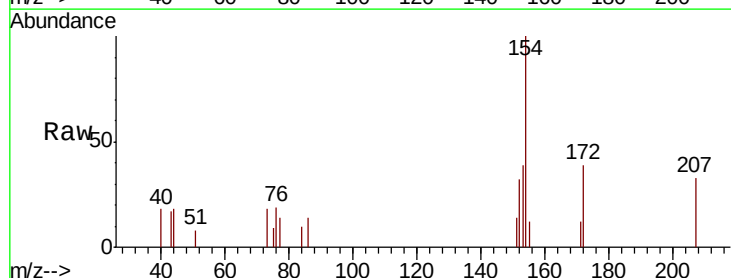
Instrument :
BNA_M
ClientSampleId :
FB-02-06-19

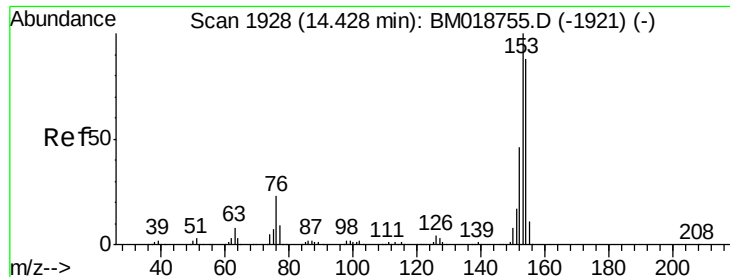
Tgt Ion:172 Resp: 4563364
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion:154 Resp: 6557
Ion Ratio Lower Upper
154 100
153 39.3 21.1 61.1
76 19.5 0.0 35.7





#52

Acenaphthene

Concen: 0.056 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.07 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

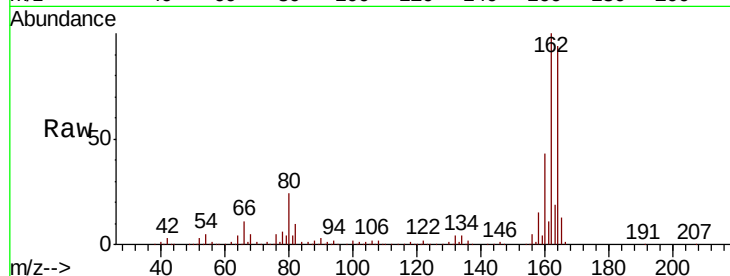
Tgt Ion:154 Resp: 2170

Ion Ratio Lower Upper

154 100

153 0.0 91.3 136.9#

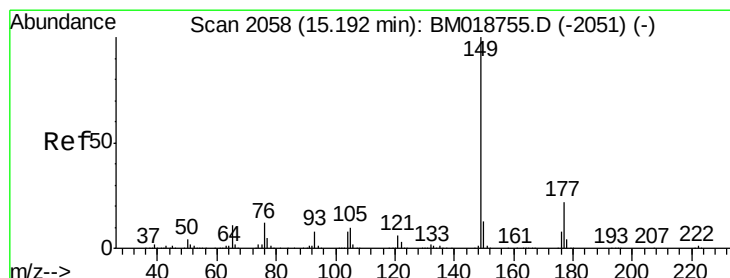
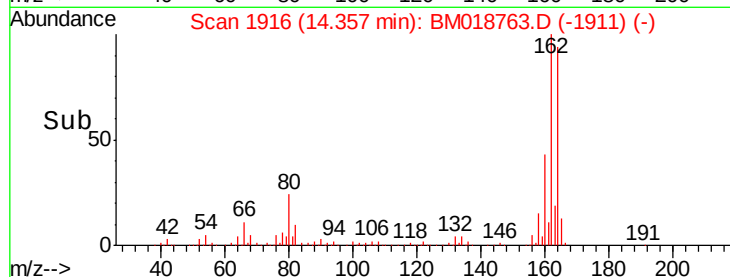
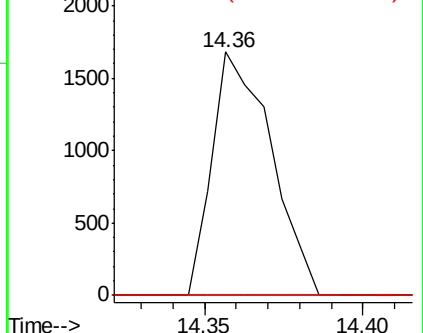
152 0.0 42.2 63.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#60

Diethylphthalate

Concen: 0.030 ng

RT: 15.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

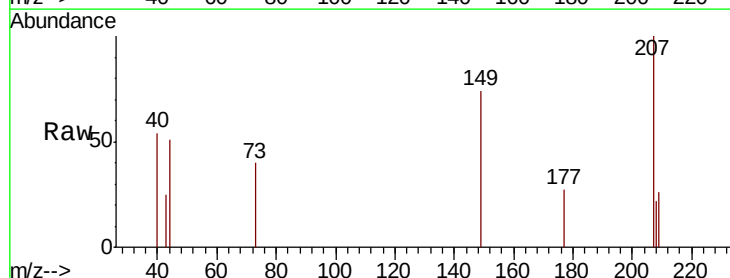
Tgt Ion:149 Resp: 1617

Ion Ratio Lower Upper

149 100

177 37.2 17.2 25.8#

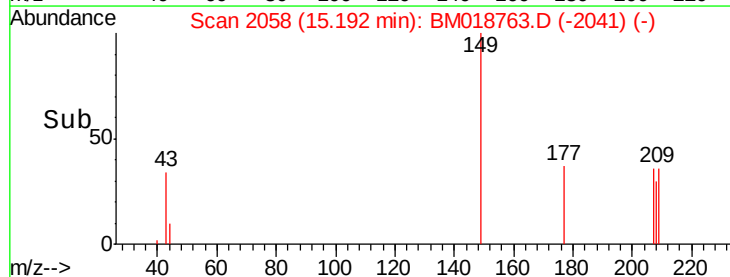
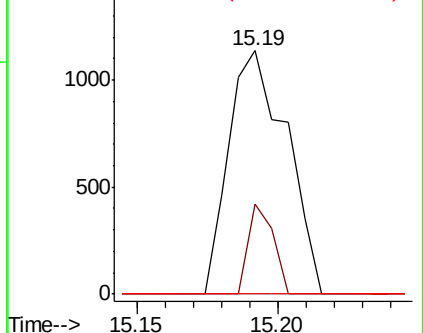
150 0.0 10.2 15.2#

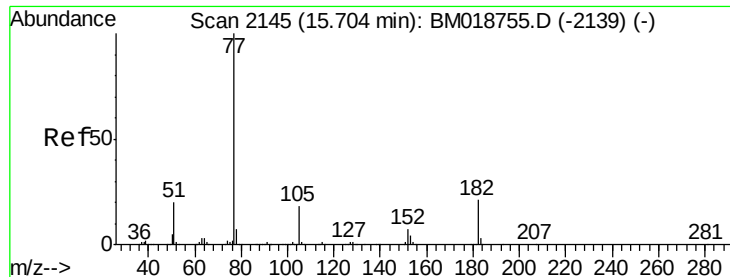


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.002 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

Tgt Ion: 77 Resp: 108

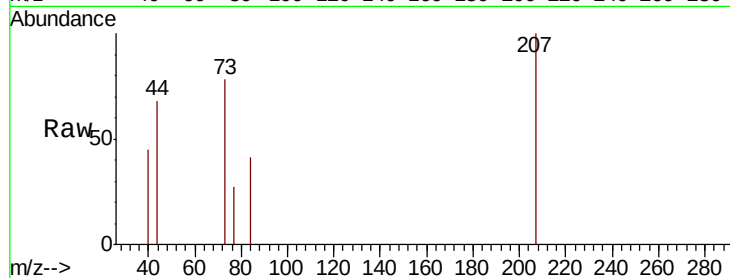
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#



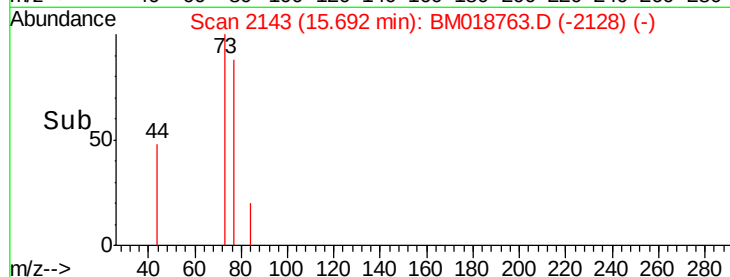
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

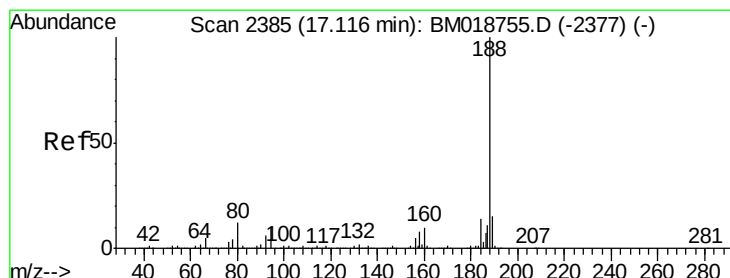
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

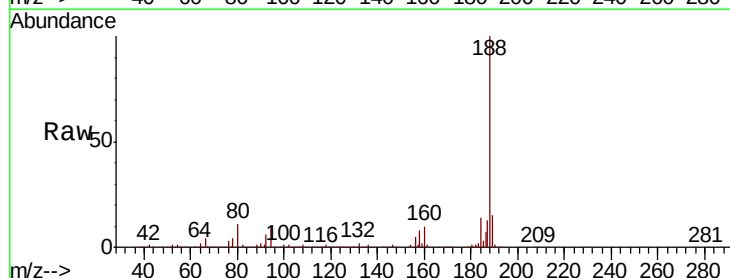
Tgt Ion: 188 Resp: 1520831

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 10.9 9.7 14.5

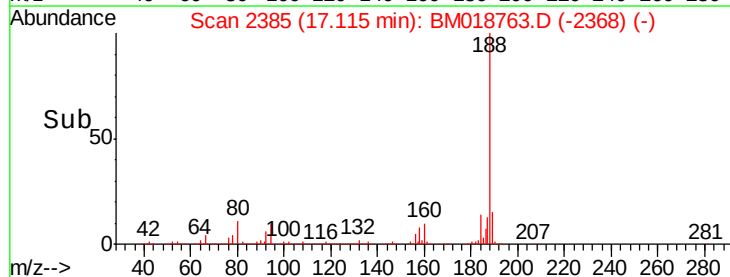


Abundance Ion 188.00 (187.70 to 188.70): E

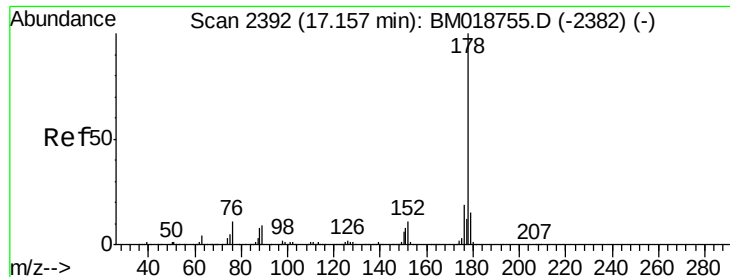
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

Time-->



Time-->



#71

Phenanthrene

Concen: 0.011 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

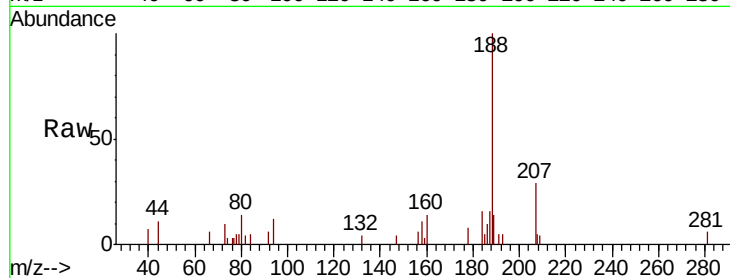
Tgt Ion:178 Resp: 910

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

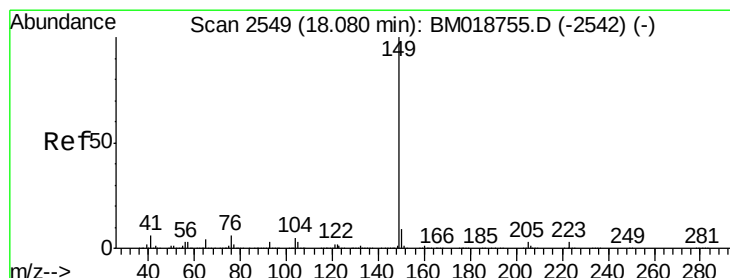
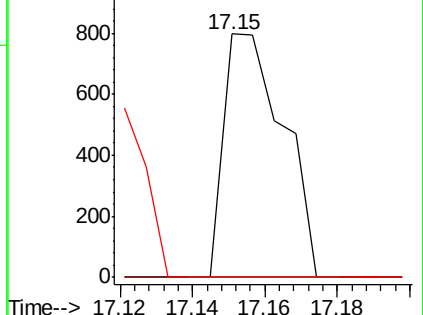
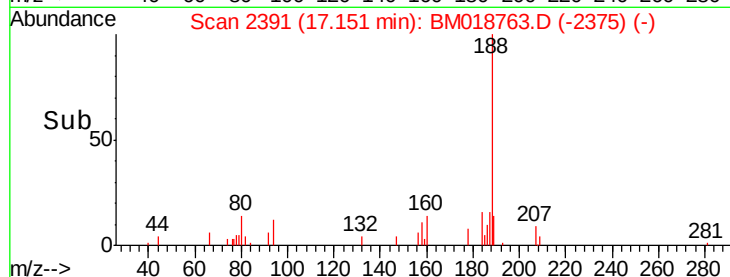
179 0.0 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.041 ng

RT: 18.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

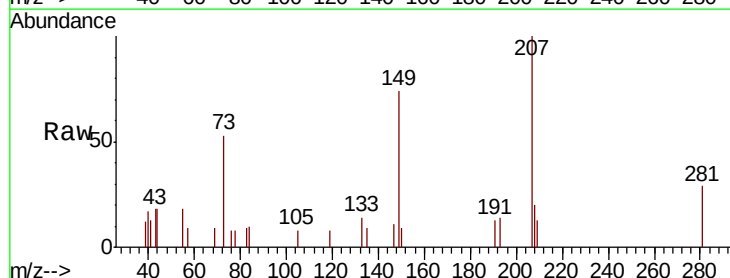
Tgt Ion:149 Resp: 3899

Ion Ratio Lower Upper

149 100

150 12.2 7.4 11.0#

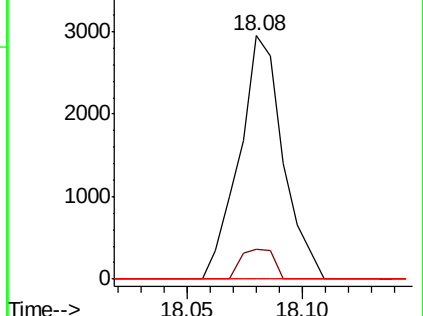
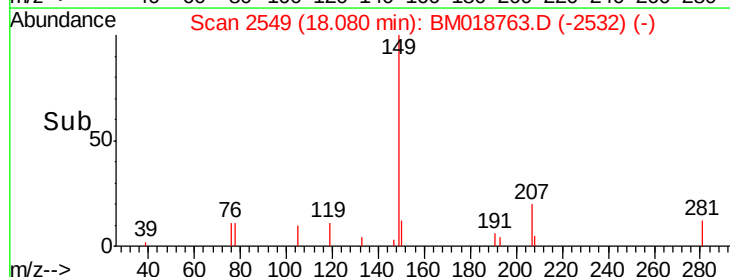
104 0.0 4.3 6.5#

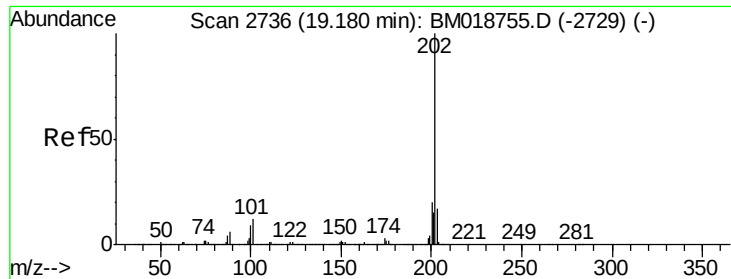


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

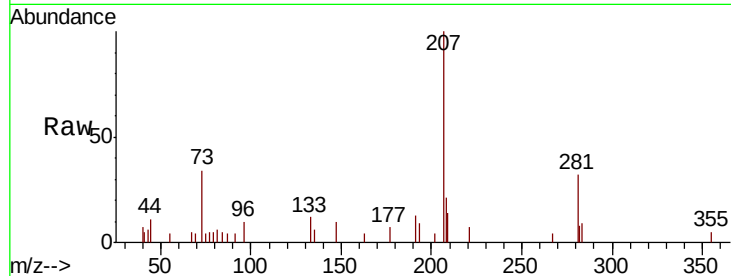
Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

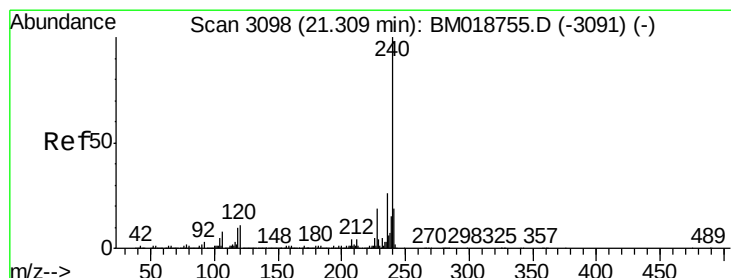
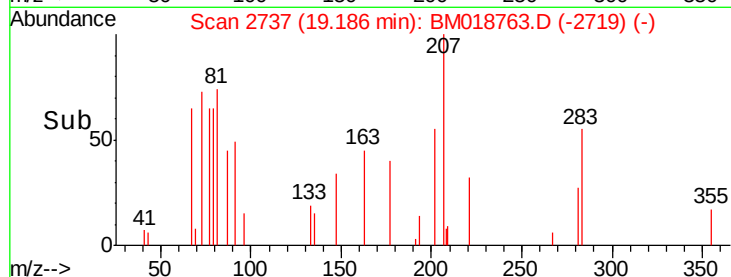
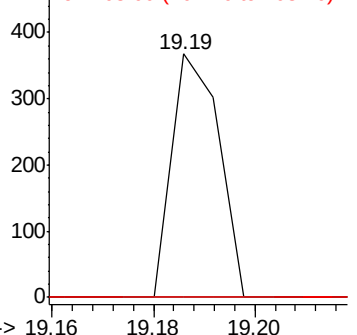
Tgt Ion:	202	Resp:	237
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

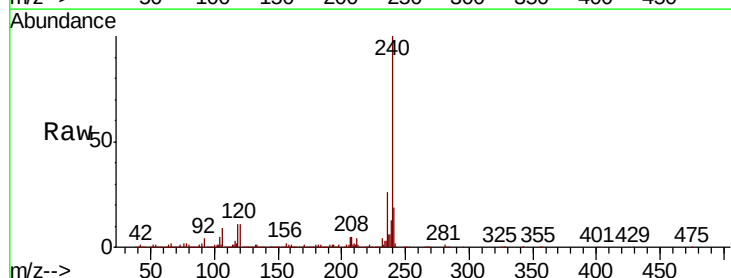
RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

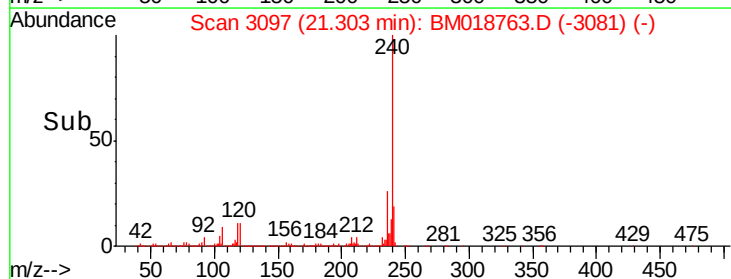
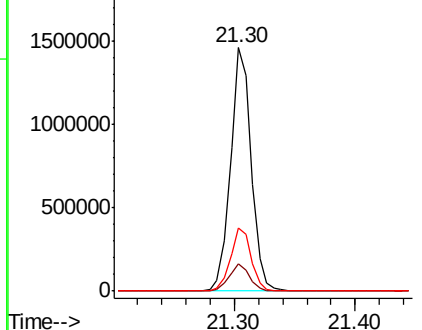
Tgt Ion:	240	Resp:	1735213
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.8	20.9	31.3

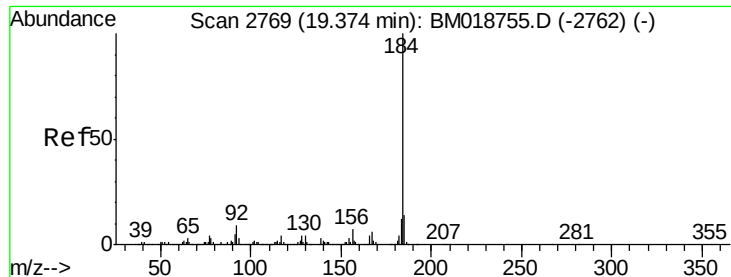


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.045 ng

RT: 19.41 min Scan# 2775

Delta R.T. 0.04 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

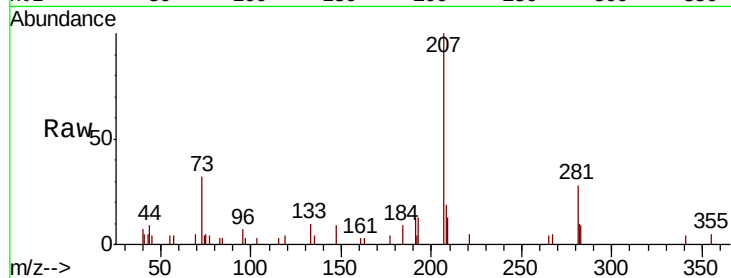
Tgt Ion:184 Resp: 1759

Ion Ratio Lower Upper

184 100

185 0.0 11.2 16.8#

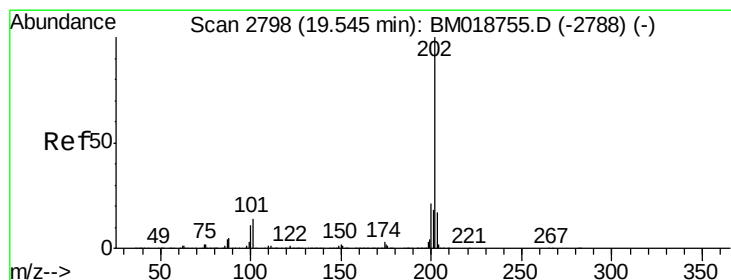
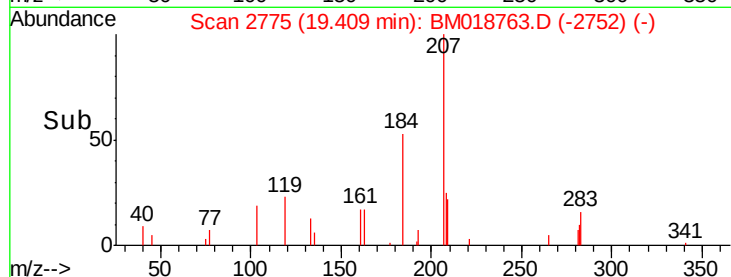
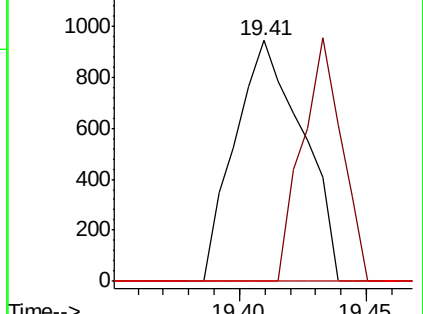
183 0.0 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.001 ng

RT: 19.55 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

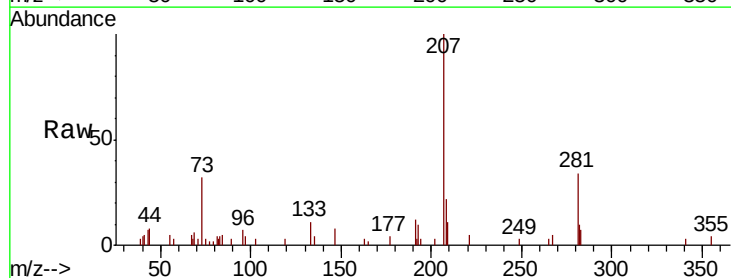
Tgt Ion:202 Resp: 128

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

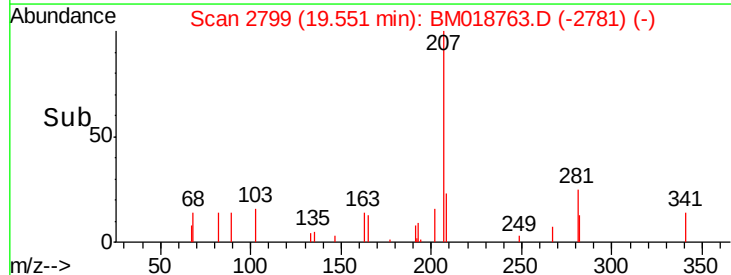
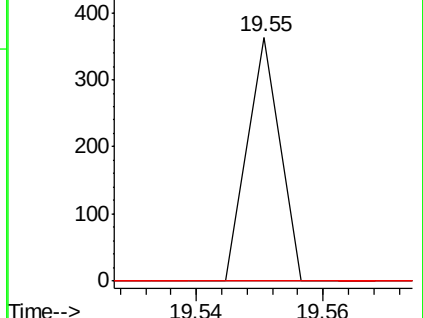
203 0.0 13.8 20.8#

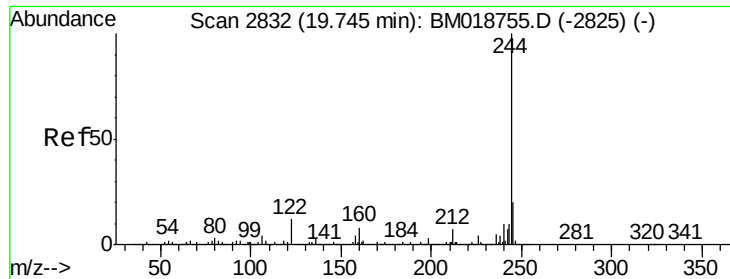


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.186 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

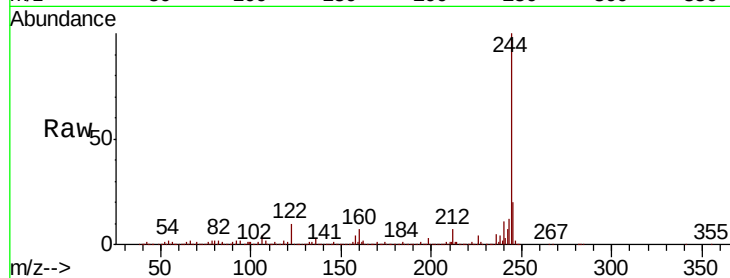
Tgt Ion:244 Resp: 8427213

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

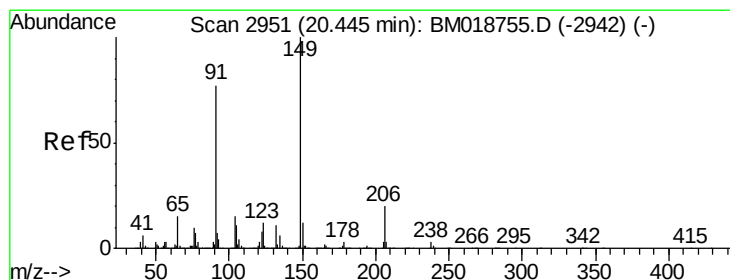
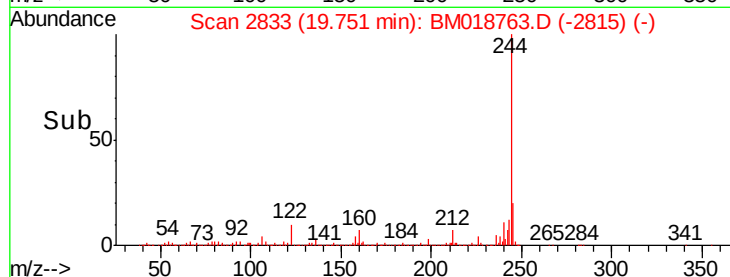
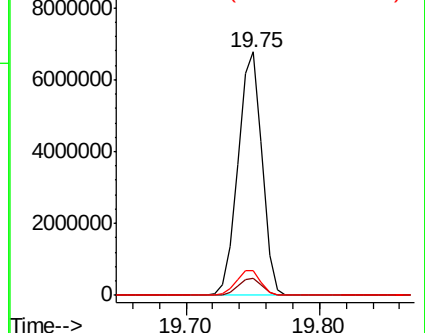
122 10.3 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.020 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

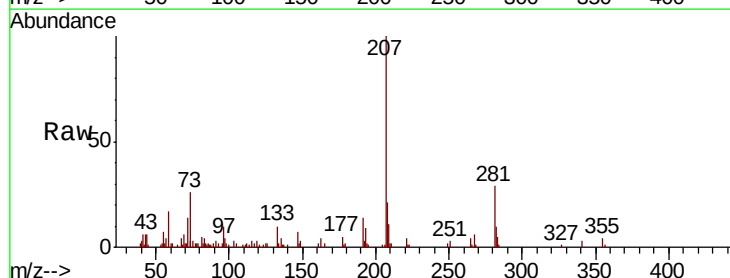
Tgt Ion:149 Resp: 906

Ion Ratio Lower Upper

149 100

91 72.5 61.4 92.0

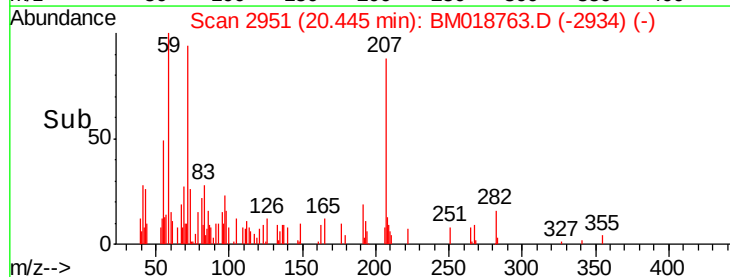
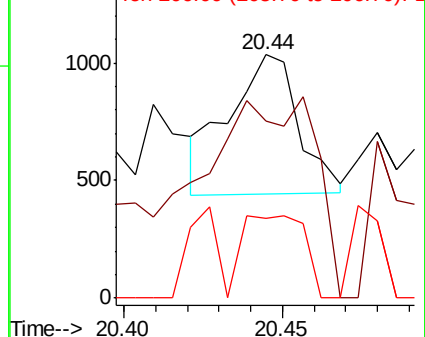
206 32.9 15.8 23.8#

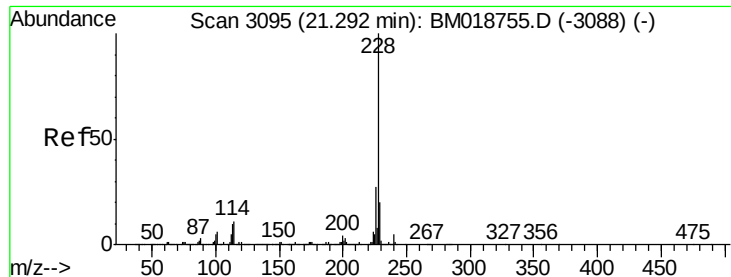


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

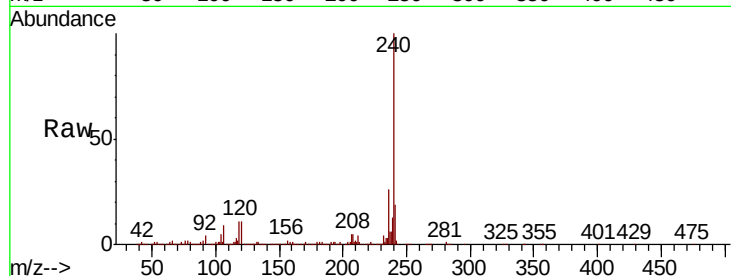
Tgt Ion:228 Resp: 4804

Ion Ratio Lower Upper

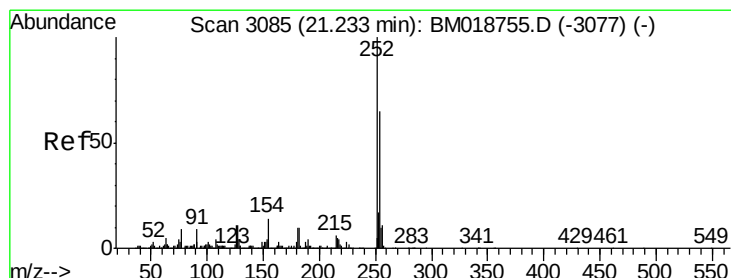
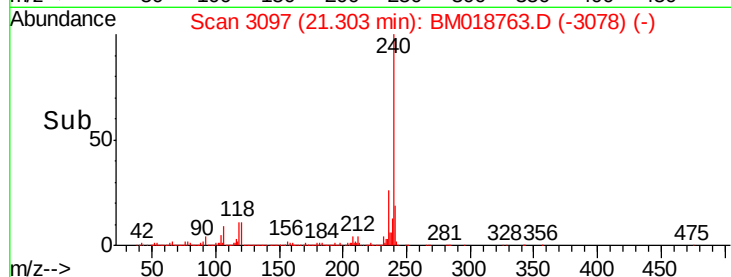
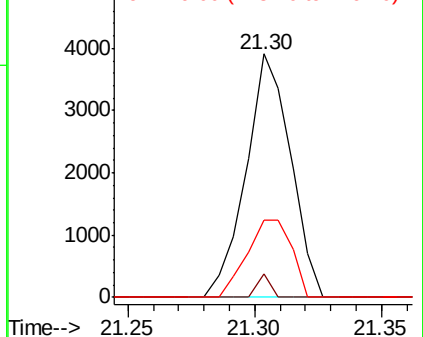
228 100

226 9.5 21.9 32.9#

229 31.9 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.03 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

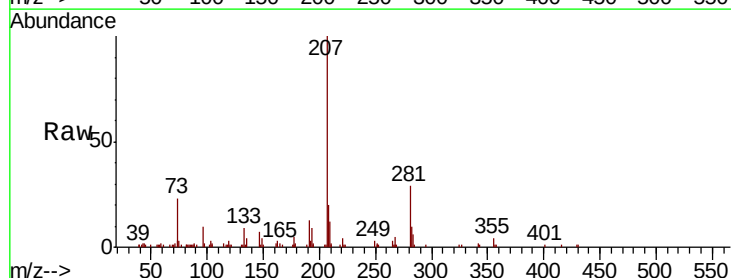
Tgt Ion:252 Resp: 406

Ion Ratio Lower Upper

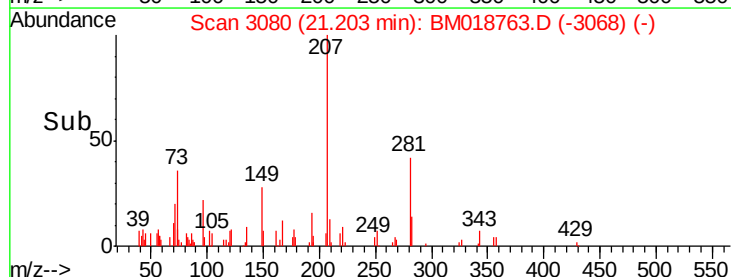
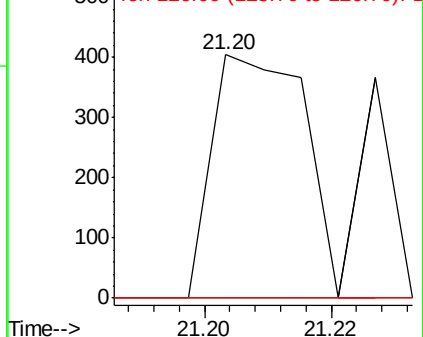
252 100

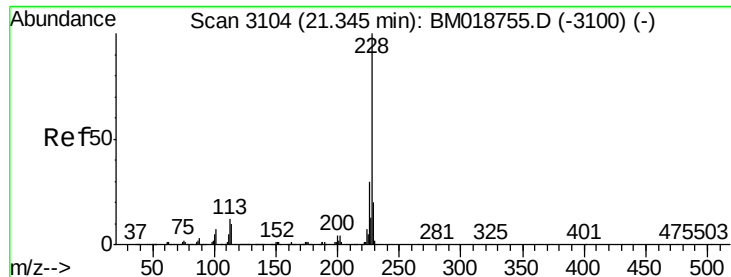
254 0.0 51.8 77.8#

126 0.0 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.050 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

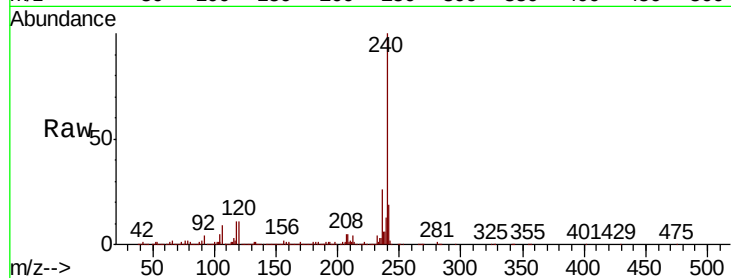
Tgt Ion: 228 Resp: 4804

Ion Ratio Lower Upper

228 100

226 9.5 24.1 36.1#

229 31.9 16.0 24.0#

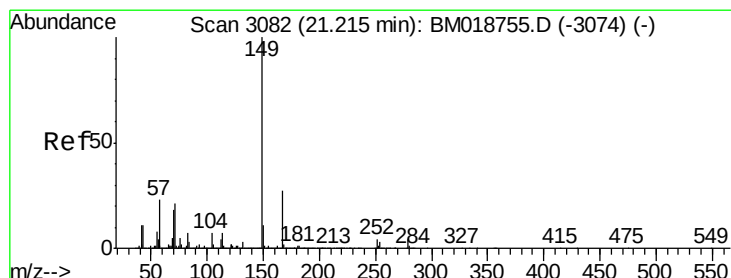
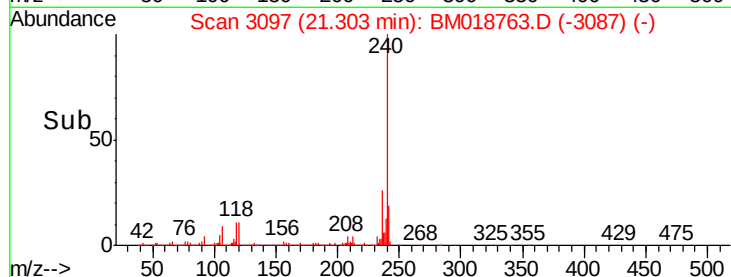
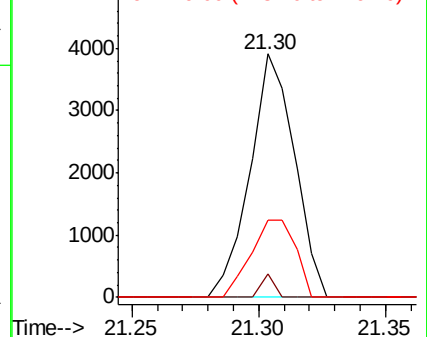


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

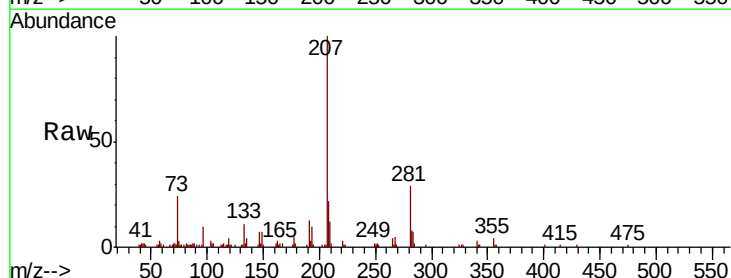
Tgt Ion: 149 Resp: 4840

Ion Ratio Lower Upper

149 100

167 21.6 21.8 32.6#

279 0.0 3.6 5.4#

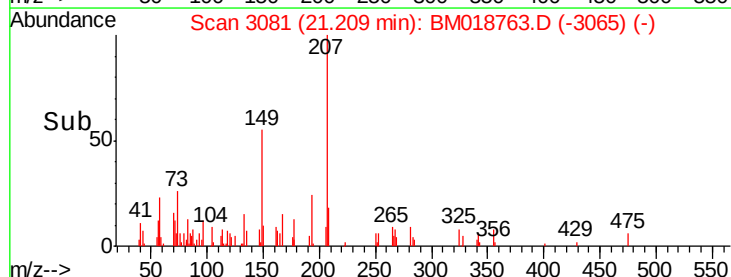
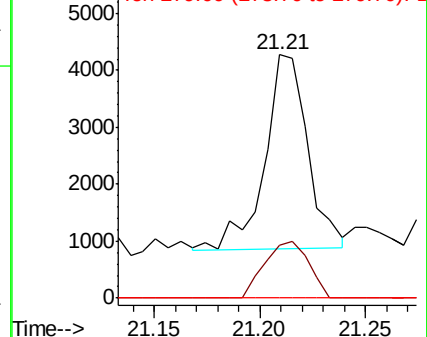


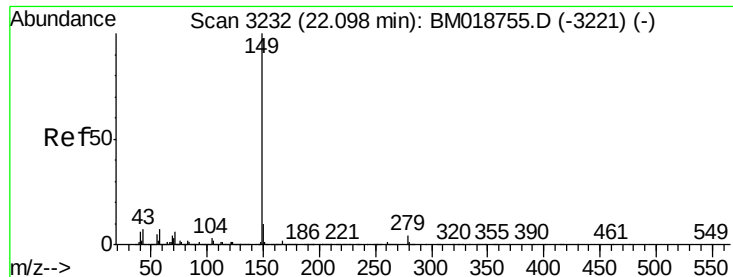
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

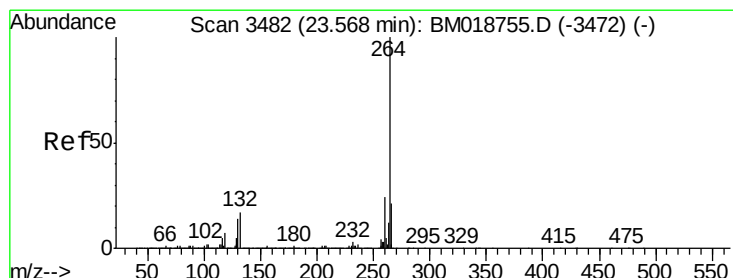
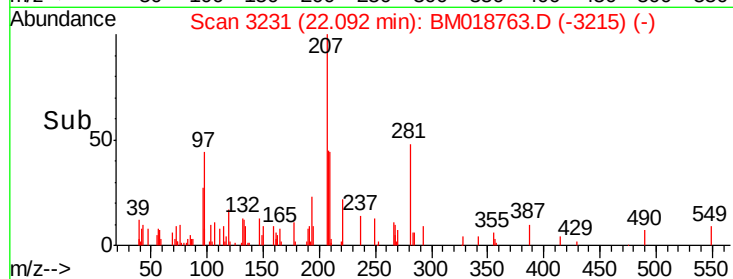
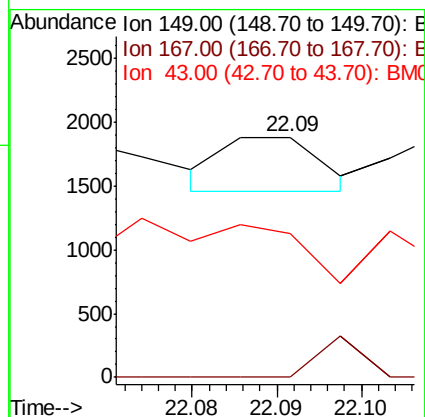
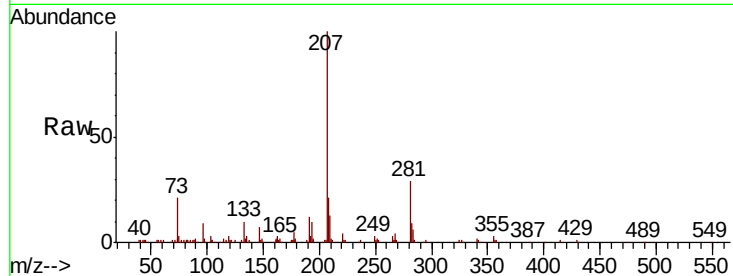




#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.09 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

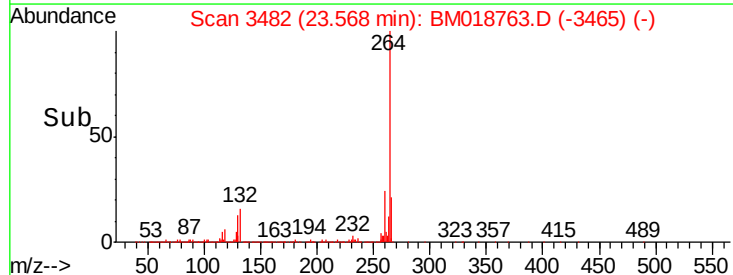
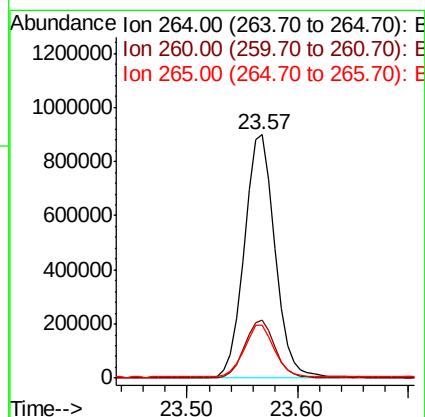
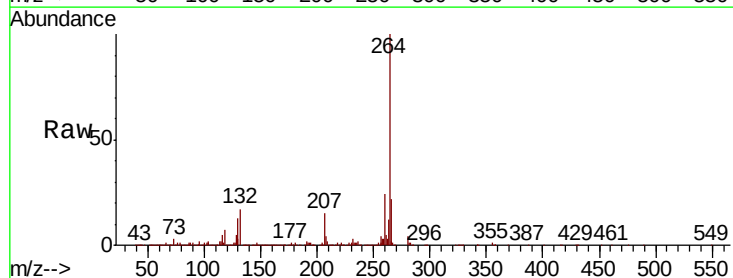
Instrument :
BNA_M
ClientSampleId :
FB-02-06-19

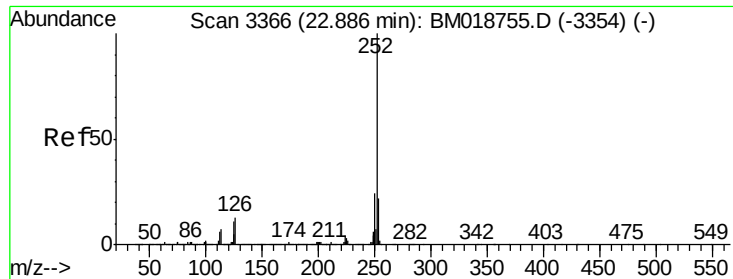
Tgt Ion:149 Resp: 343
Ion Ratio Lower Upper
149 100
167 33.2 1.3 1.9#
43 0.0 6.0 9.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion:264 Resp: 1764607
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.9 17.3 25.9

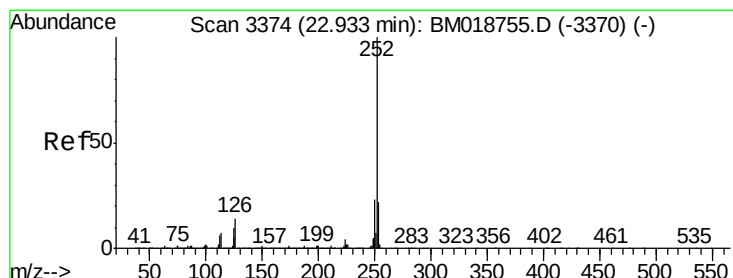
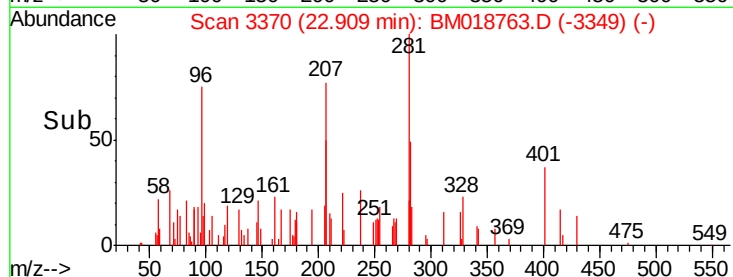
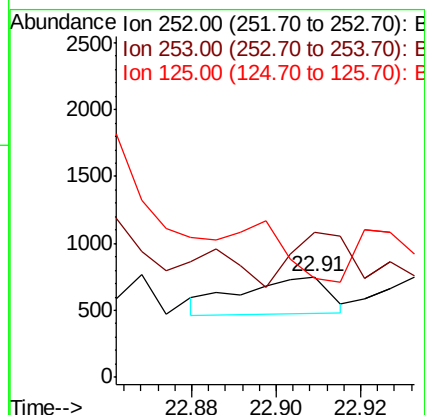
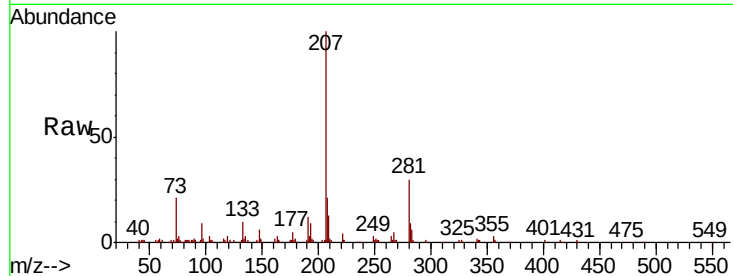




#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.91 min Scan# 3370
Delta R.T. 0.02 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

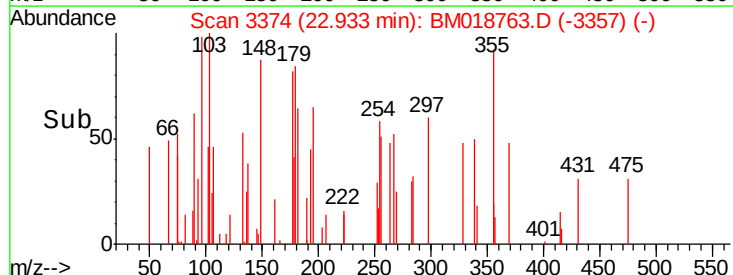
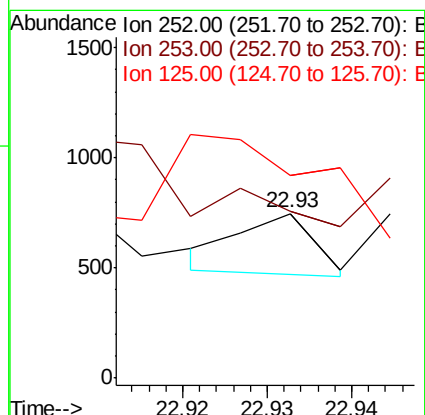
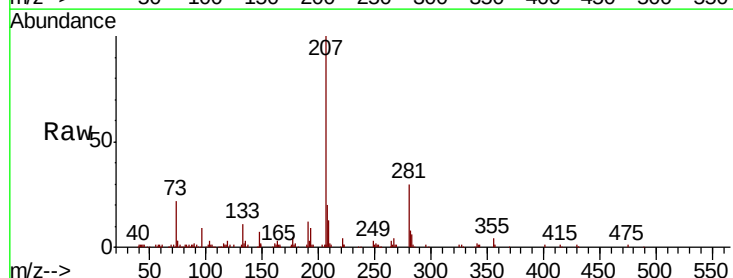
Instrument :
BNA_M
ClientSampled :
FB-02-06-19

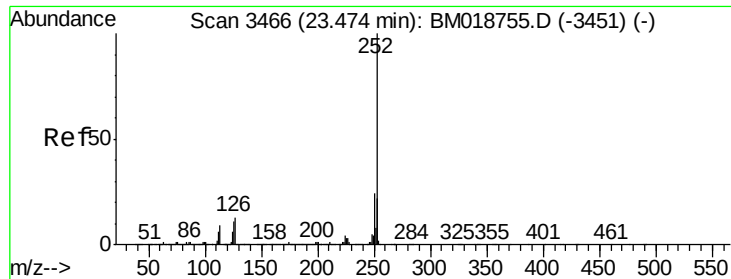
Tgt Ion: 252 Resp: 403
Ion Ratio Lower Upper
252 100
253 144.1 17.8 26.6#
125 98.9 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018763.D
Acq: 11 Feb 2019 18:29

Tgt Ion: 252 Resp: 166
Ion Ratio Lower Upper
252 100
253 101.6 17.7 26.5#
125 123.2 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 23.47 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BM018763.D

Acq: 11 Feb 2019 18:29

Instrument :

BNA_M

ClientSampleId :

FB-02-06-19

Tgt Ion: 252 Resp: 439

Ion Ratio Lower Upper

252 100

253 88.8 17.4 26.0#

125 88.1 8.6 13.0#

