

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018766.D
 Acq On : 11 Feb 2019 20:16
 Operator : JU/SJ
 Sample : K1449-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-6-OW

Quant Time: Feb 12 00:45:08 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	277239	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1139309	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	665200	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1564380	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1786345	20.00	ng	0.00
87) Perylene-d12	23.57	264	1812402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1159690	68.54	ng	0.00
7) Phenol-d6	6.89	99	975427	40.92	ng	0.00
23) Nitrobenzene-d5	8.88	82	2540964	103.12	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1578724	164.64	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5077572	101.33	ng	0.00
79) Terphenyl-d14	19.75	244	9125643	105.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	857	0.116	ng	# 74
3) Pyridine	3.64	79	255	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.57	42	398	0.078	ng	# 1
6) Aniline	7.09	93	114	0.004	ng	# 1
8) 2-Chlorophenol	7.28	128	392	0.021	ng	# 1
9) Benzaldehyde	6.89	77	3278	Below Cal		# 20
10) Phenol	6.91	94	56673	2.260	ng	# 94
11) bis(2-Chloroethyl)ether	7.09	93	114	0.006	ng	# 3
15) Benzyl Alcohol	8.03	79	38252	2.020	ng	# 47
18) Hexachloroethane	8.80	117	4081	0.526	ng	# 1
19) n-Nitroso-di-n-propylamine	8.54	70	249	0.013	ng	# 49
22) Acetophenone	8.55	105	399	0.013	ng	# 57
24) Nitrobenzene	8.96	77	560	0.022	ng	# 44
25) Isophorone	9.40	82	548	0.014	ng	# 34
31) Naphthalene	10.55	128	5808	0.105	ng	# 77
33) 4-Chloroaniline	10.60	127	169	0.007	ng	# 1
36) 4-Chloro-3-methylphenol	11.84	107	110	0.005	ng	# 21
37) 2-Methylnaphthalene	12.17	142	1338	0.034	ng	# 71
38) 1-Methylnaphthalene	12.39	142	7682	0.201	ng	# 90
46) 1,1'-Biphenyl	13.19	154	8703	0.152	ng	# 90
48) 2-Nitroaniline	13.37	65	107	0.007	ng	# 8
50) Dimethylphthalate	13.83	163	54052	0.975	ng	# 99
52) Acenaphthene	14.36	154	2534	0.063	ng	# 4
55) Dibenzofuran	14.77	168	216	0.003	ng	# 44
60) Diethylphthalate	15.19	149	1128	0.020	ng	# 59
63) Azobenzene	15.70	77	698	0.011	ng	# 57
71) Phenanthrene	17.15	178	1353	0.016	ng	# 59
72) Anthracene	17.24	178	301	0.004	ng	# 61
74) Di-n-butylphthalate	18.08	149	2726	0.028	ng	# 78
75) Fluoranthene	19.19	202	900	0.009	ng	# 64
77) Benzidine	19.42	184	118	0.003	ng	# 1
78) Pyrene	19.54	202	1536	0.015	ng	# 63
80) Butylbenzylphthalate	20.44	149	1377	0.029	ng	# 76
81) Benzo(a)anthracene	21.30	228	5775	0.055	ng	# 72

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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

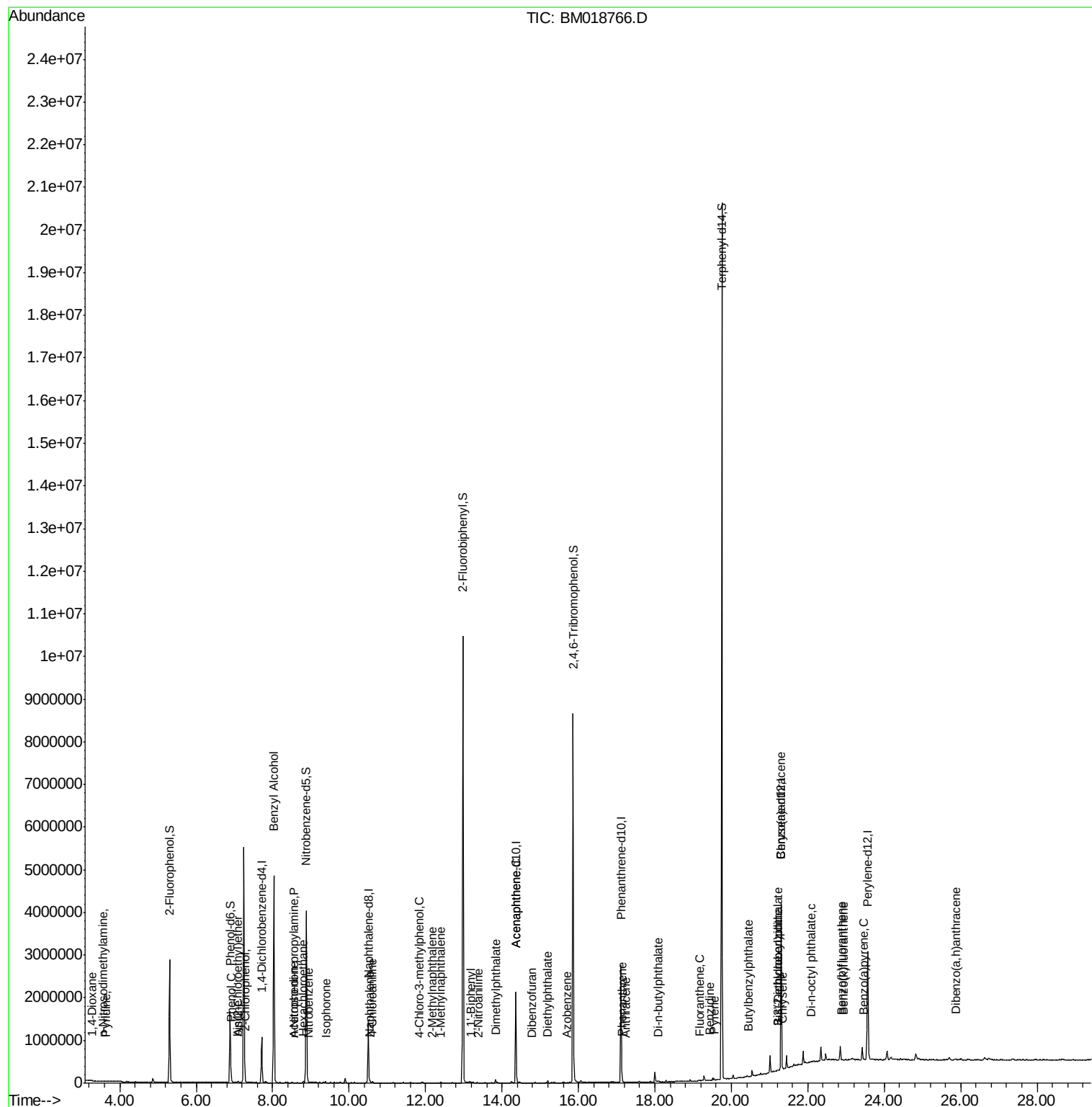
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.23	252	396	0.010	ng	# 7
83) Chrysene	21.34	228	607	0.006	ng	# 68
84) Bis(2-ethylhexyl)phthalate	21.21	149	5834	0.084	ng	94
85) Di-n-octyl phthalate	22.10	149	1468	0.013	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	1187	0.011	ng	# 1
89) Benzo(k)fluoranthene	22.94	252	217	0.002	ng	# 1
90) Benzo(a)pyrene	23.46	252	273	0.003	ng	# 1
91) Dibenzo(a,h)anthracene	25.88	278	112	0.001	ng	# 1

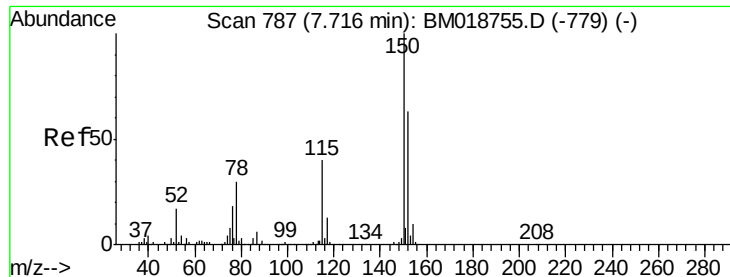
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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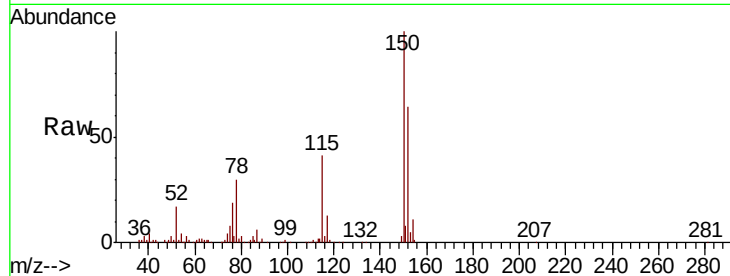


#1

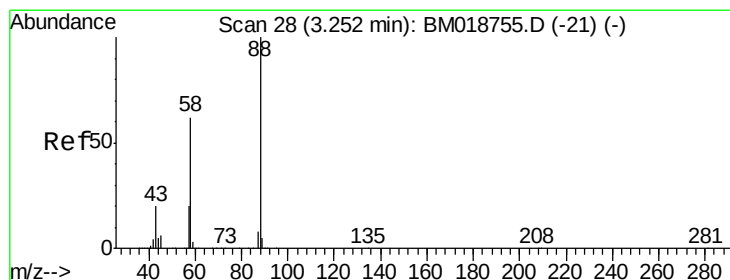
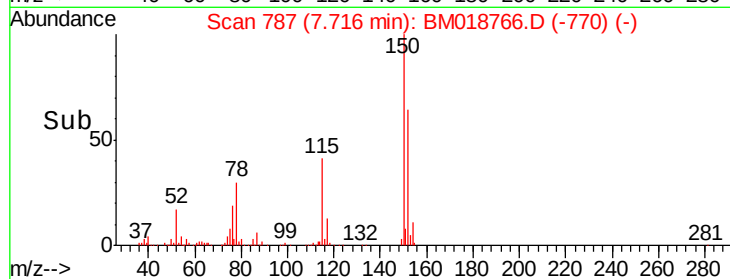
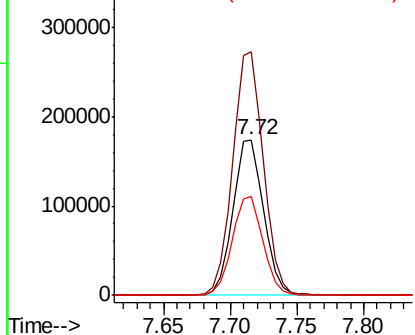
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Instrument :
BNA_M
ClientSampleId :
B-6-OW

Tgt Ion:152 Resp: 277239
Ion Ratio Lower Upper
152 100
150 156.8 127.3 190.9
115 64.1 50.8 76.2



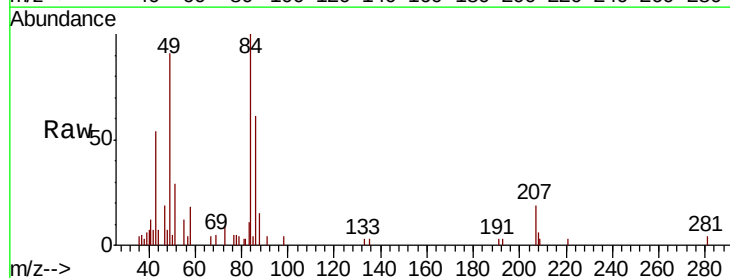
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



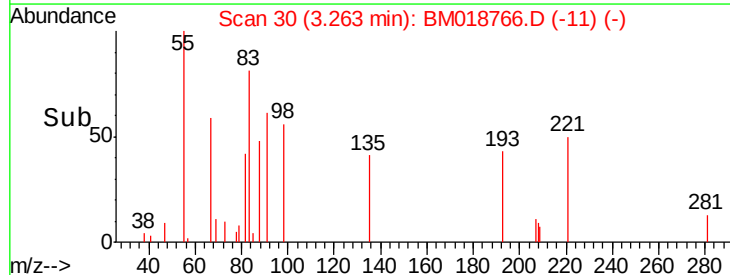
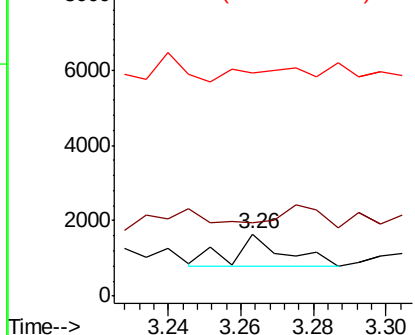
#2

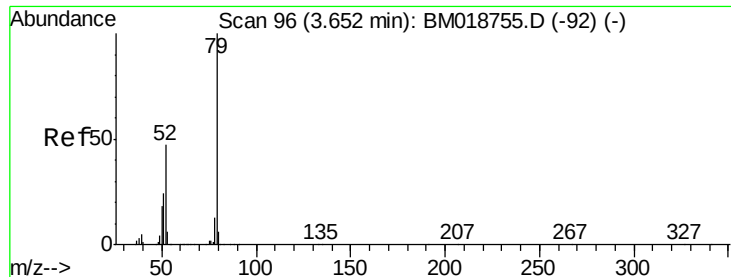
1,4-Dioxane
Concen: 0.116 ng
RT: 3.26 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion: 88 Resp: 857
Ion Ratio Lower Upper
88 100
58 57.3 49.8 74.6
43 60.9 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: 0.013 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

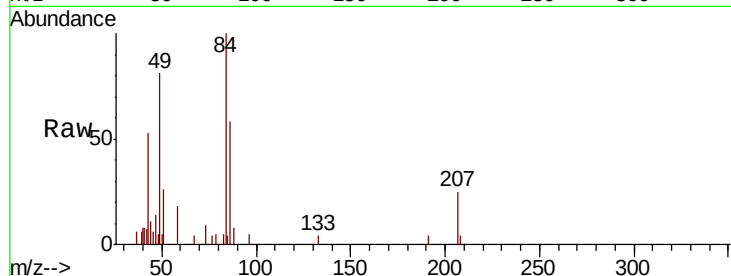
Tgt Ion: 79 Resp: 255

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

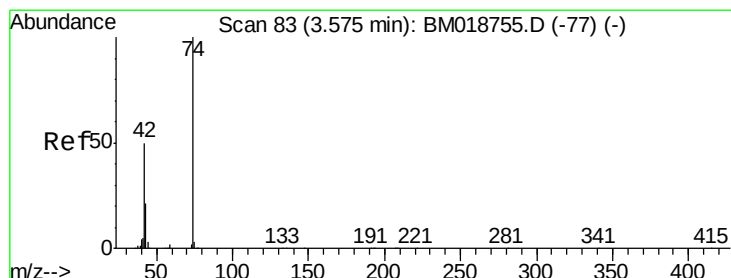
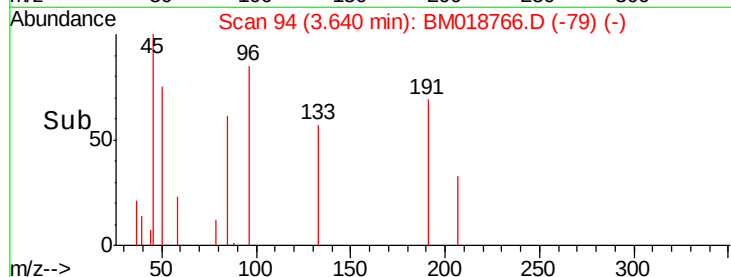
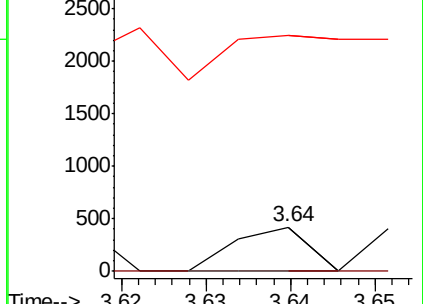
51 537.6 19.7 29.5#



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: 0.078 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

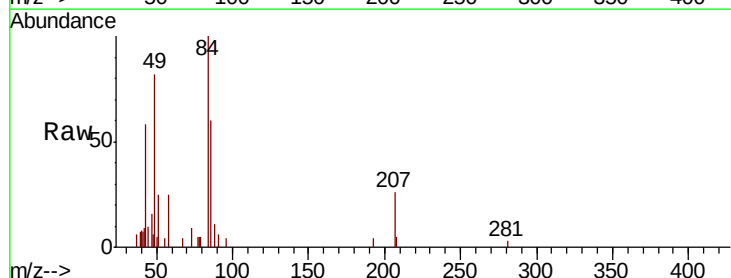
Tgt Ion: 42 Resp: 398

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

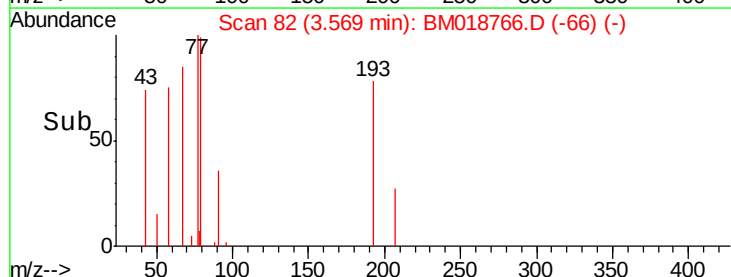
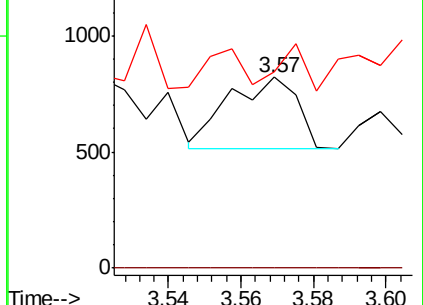
44 102.8 4.9 7.3#

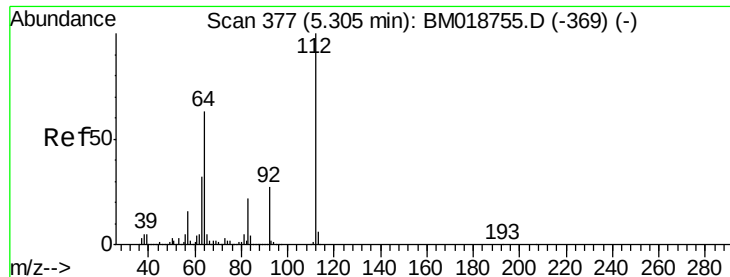


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 68.537 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

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ClientSampleId :

B-6-OW

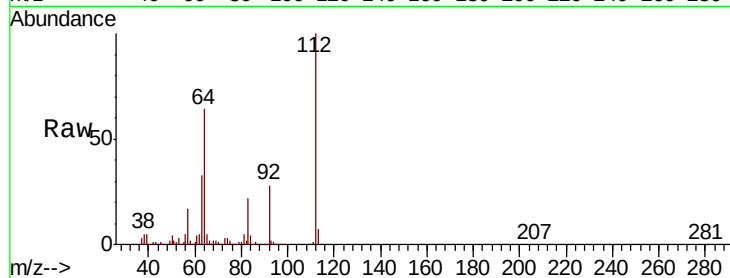
Tgt Ion:112 Resp: 1159690

Ion Ratio Lower Upper

112 100

64 63.7 50.6 75.8

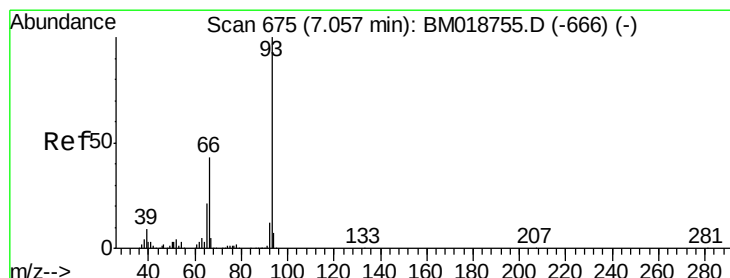
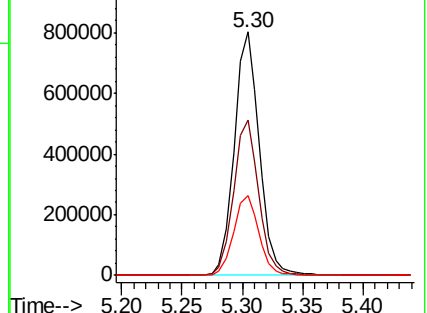
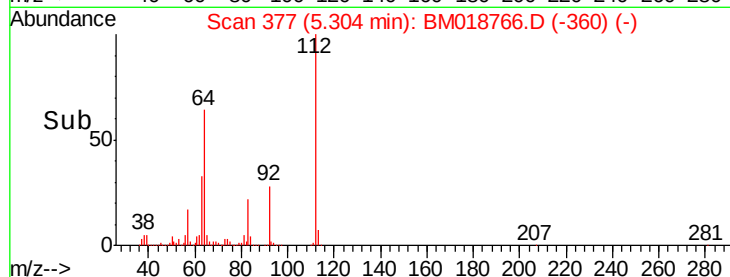
63 32.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.004 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.03 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

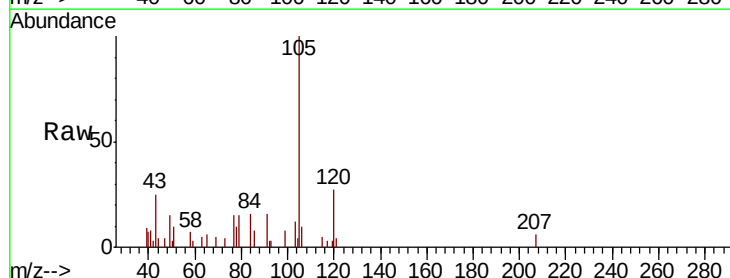
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

66 0.0 34.1 51.1#

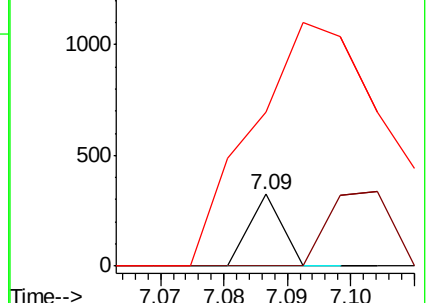
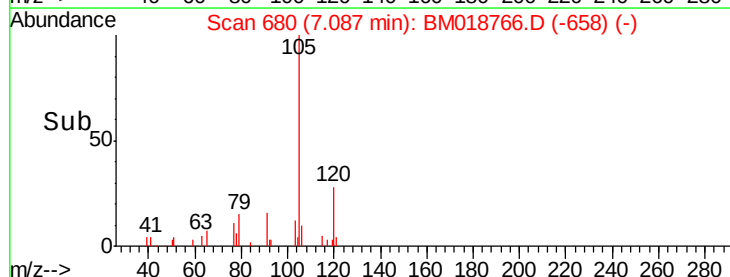
65 214.5 16.6 24.8#

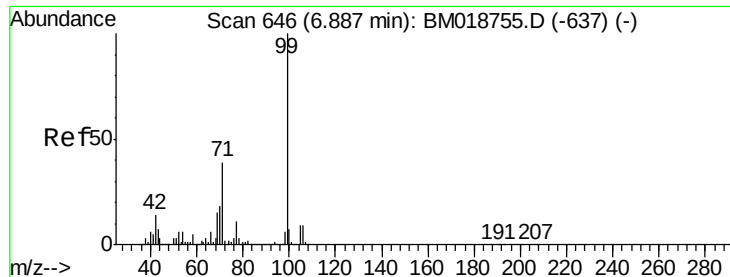


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 40.921 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

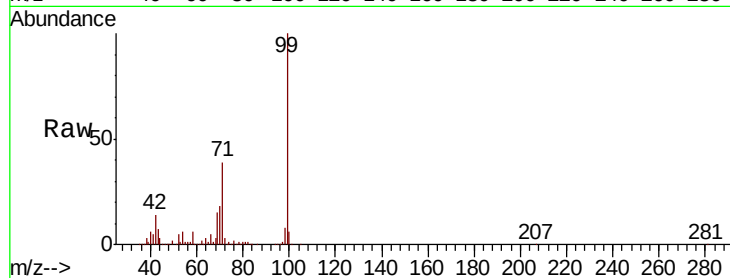
Tgt Ion: 99 Resp: 975427

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 39.4 31.3 46.9

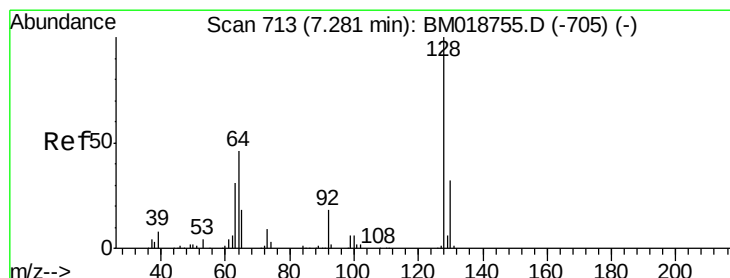
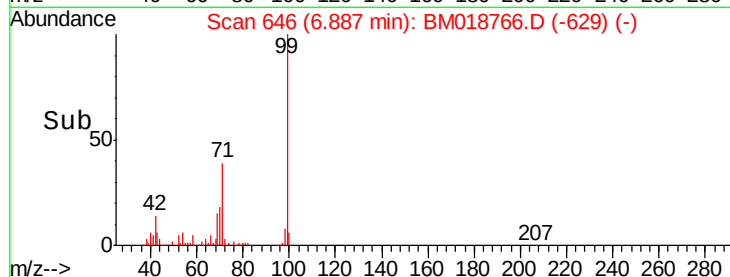
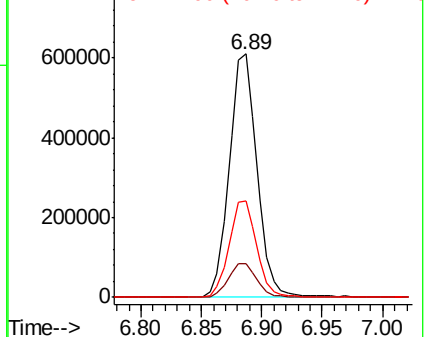


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

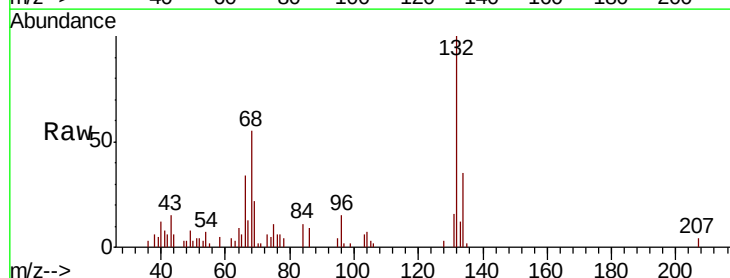
Tgt Ion: 128 Resp: 392

Ion Ratio Lower Upper

128 100

130 0.0 11.7 51.7#

64 351.4 31.0 71.0#

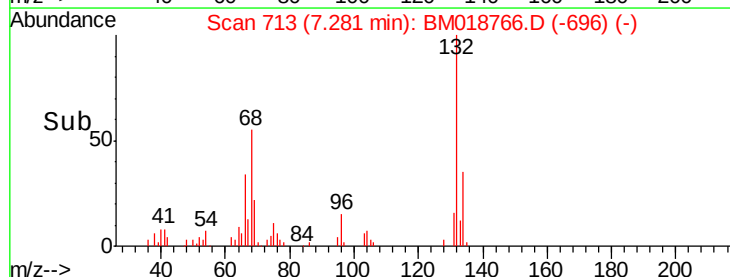
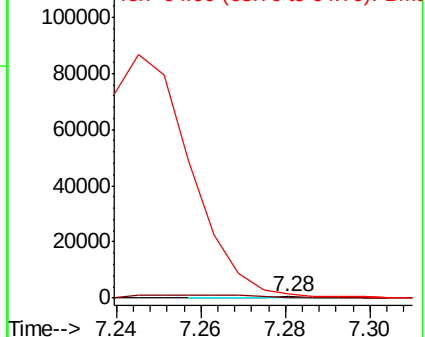


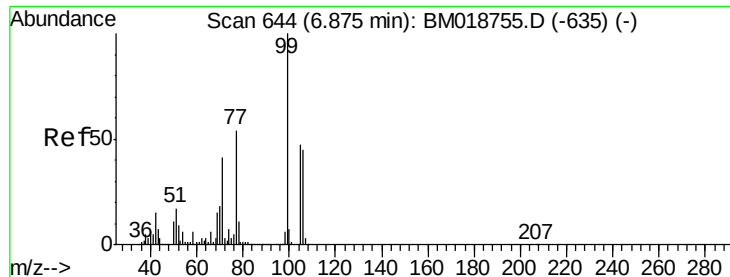
Abundance

Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

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ClientSampleId :

B-6-OW

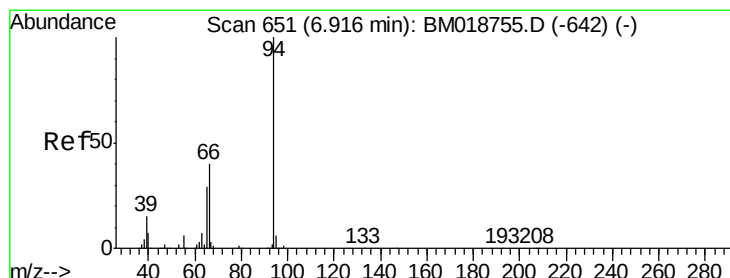
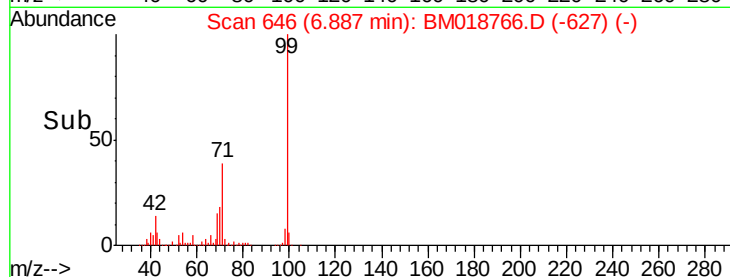
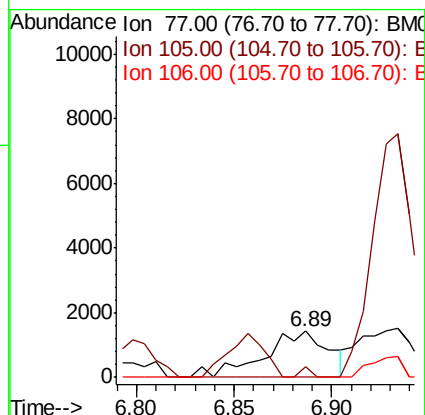
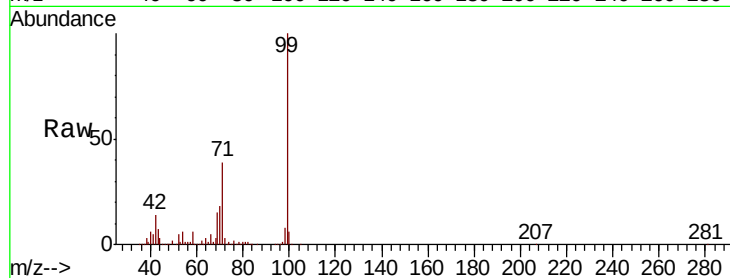
Tgt Ion: 77 Resp: 3278

Ion Ratio Lower Upper

77 100

105 23.0 67.3 107.3#

106 0.0 62.9 102.9#



#10

Phenol

Concen: 2.260 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

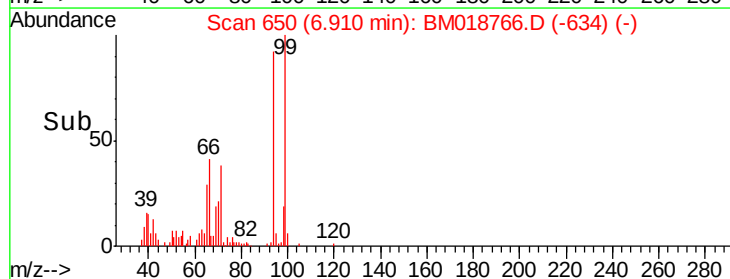
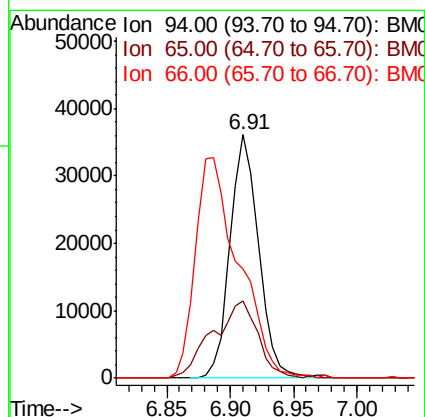
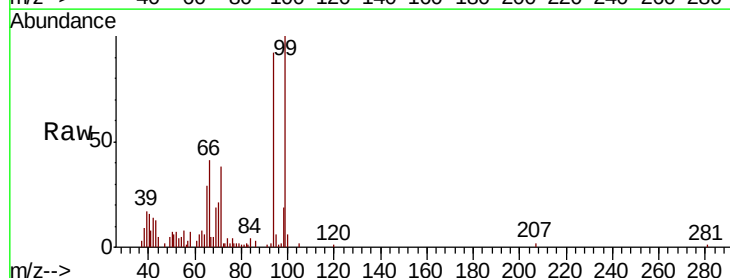
Tgt Ion: 94 Resp: 56673

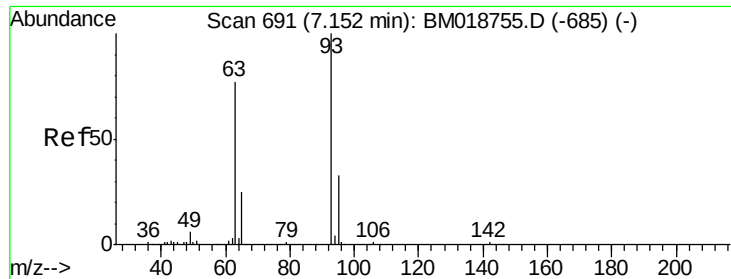
Ion Ratio Lower Upper

94 100

65 31.6 9.6 49.6

66 44.6 20.4 60.4

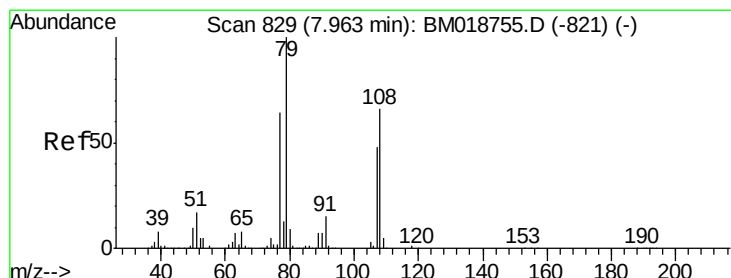
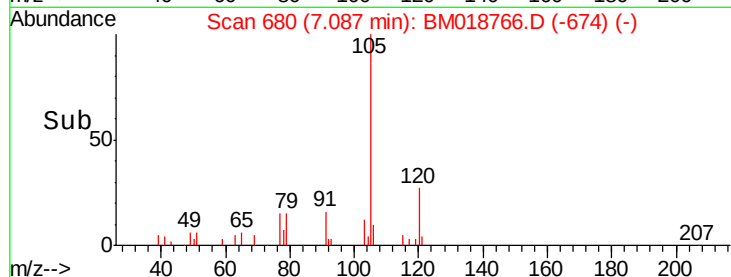
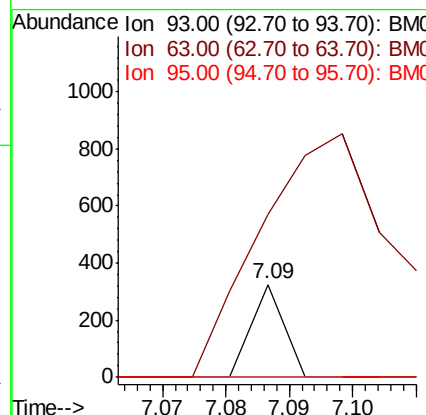
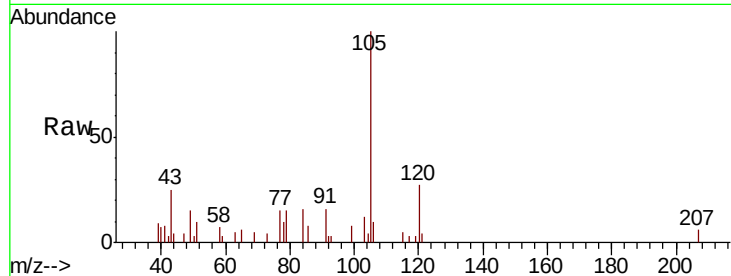




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.09 min Scan# 680
Delta R.T. -0.07 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

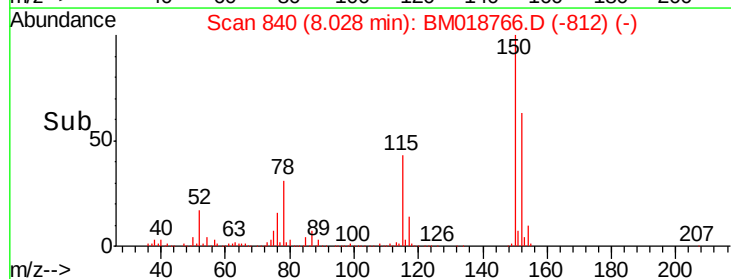
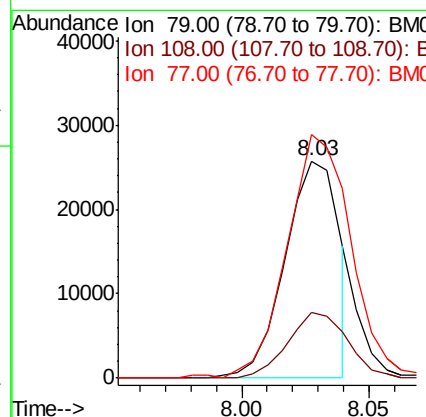
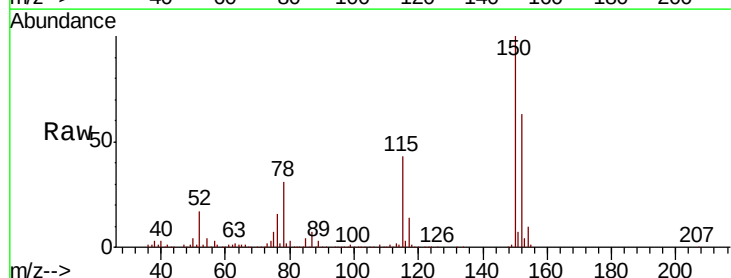
Instrument :
BNA_M
ClientSampled :
B-6-OW

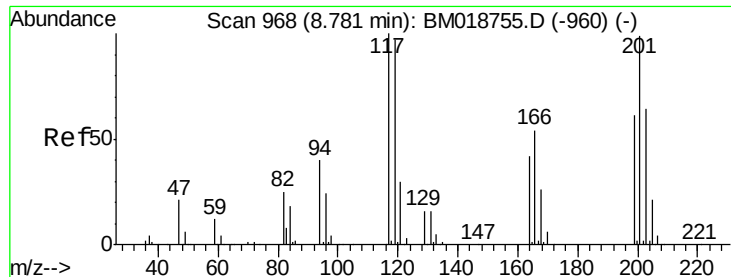
Tgt Ion: 93 Resp: 114
Ion Ratio Lower Upper
93 100
63 175.6 57.0 97.0#
95 0.0 12.4 52.4#



#15
Benzyl Alcohol
Concen: 2.020 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.06 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion: 79 Resp: 38252
Ion Ratio Lower Upper
79 100
108 30.3 52.7 79.1#
77 112.2 51.0 76.4#

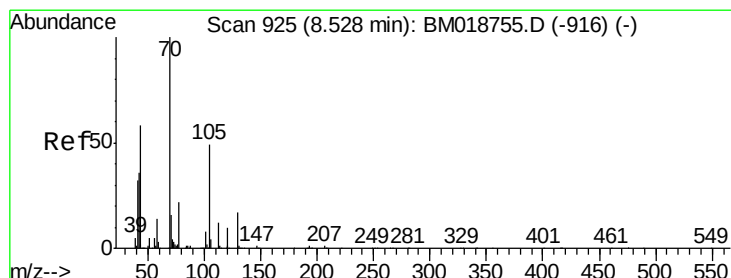
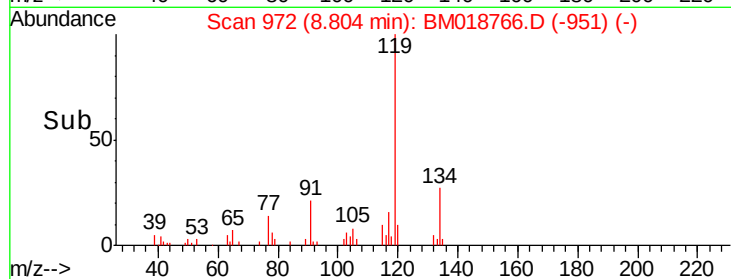
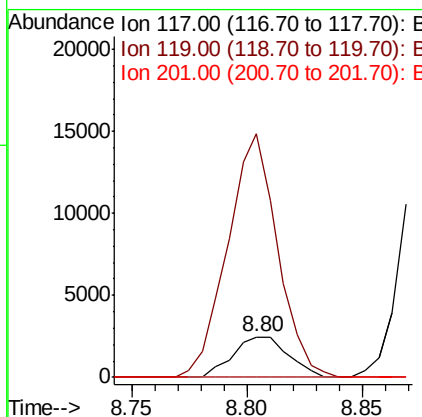
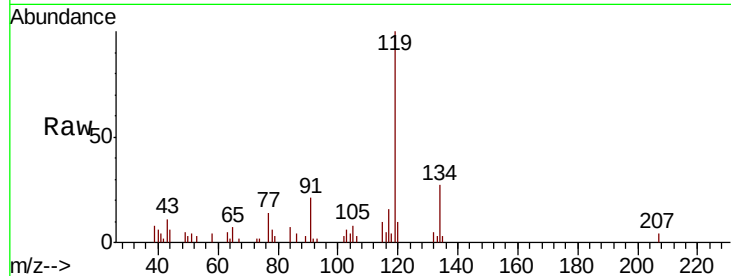




#18
Hexachloroethane
Concen: 0.526 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

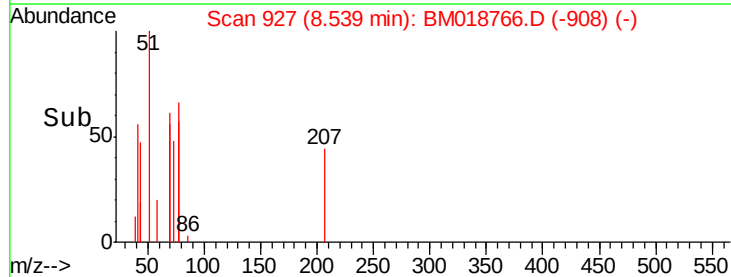
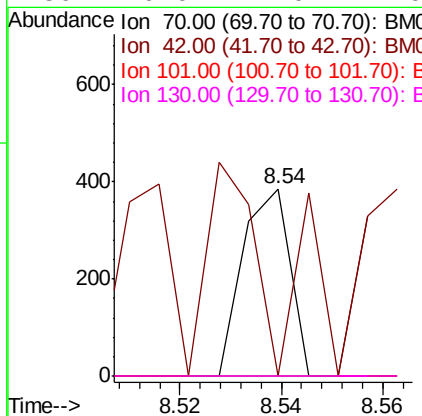
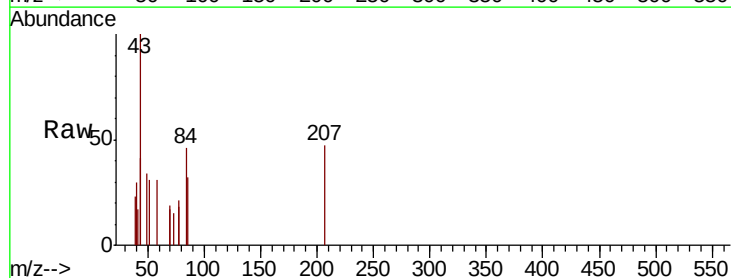
Instrument :
BNA_M
ClientSampleId :
B-6-OW

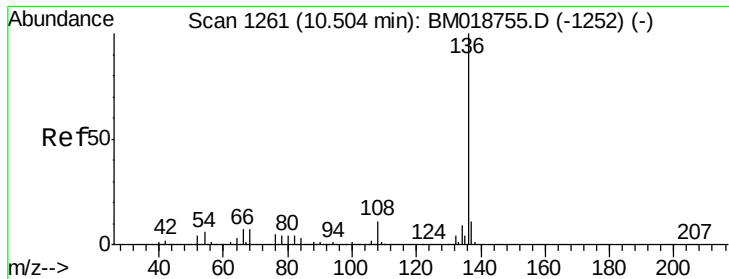
Tgt Ion: 117 Resp: 4081
Ion Ratio Lower Upper
117 100
119 607.8 77.9 116.9#
201 0.0 79.2 118.8#



#19
n-Nitroso-di-n-propylamine
Concen: 0.013 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion: 70 Resp: 249
Ion Ratio Lower Upper
70 100
42 0.0 29.4 44.0#
101 0.0 6.7 10.1#
130 0.0 14.0 21.0#

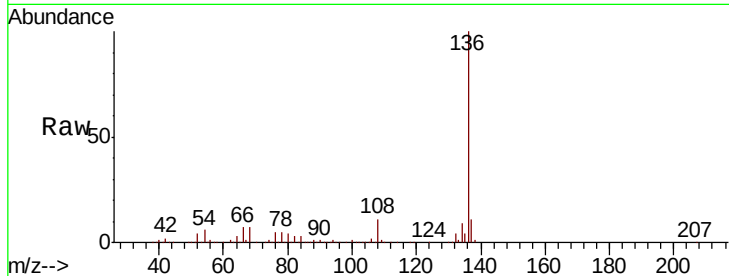




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Instrument :
BNA_M
ClientSampleId :
B-6-OW

Tgt Ion:	136	Resp:	1139309
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.3	5.0	7.6
68	6.8	5.5	8.3



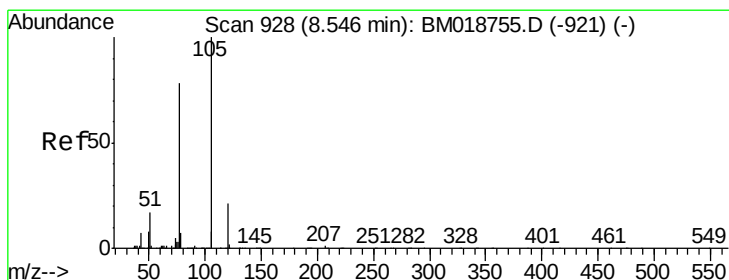
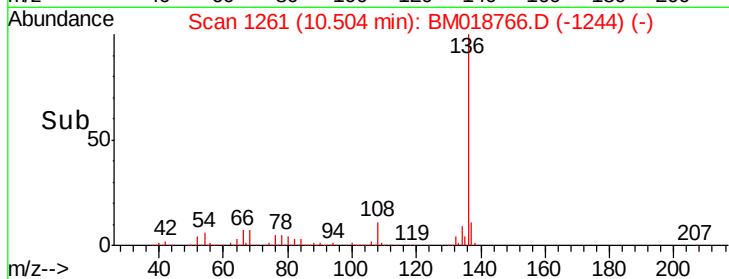
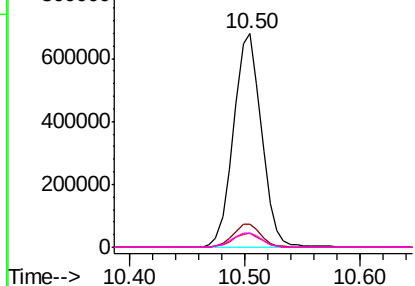
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

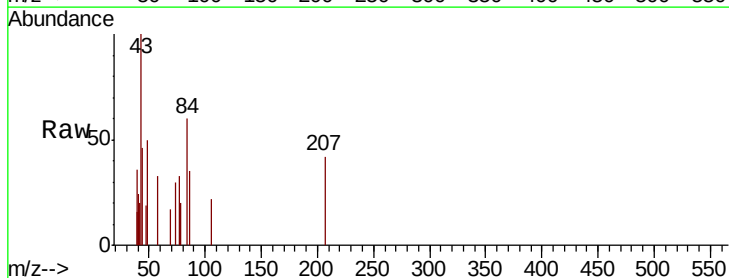
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 0.013 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:	105	Resp:	399
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	0.0	15.5	23.3#
120	0.0	17.0	25.4#



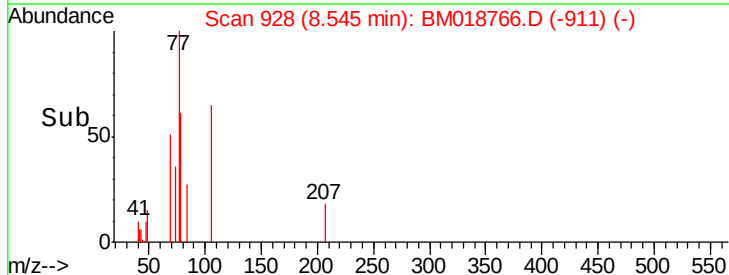
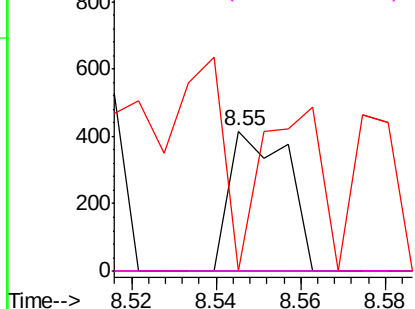
Abundance

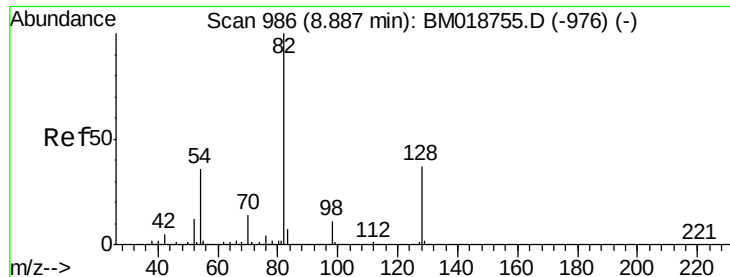
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

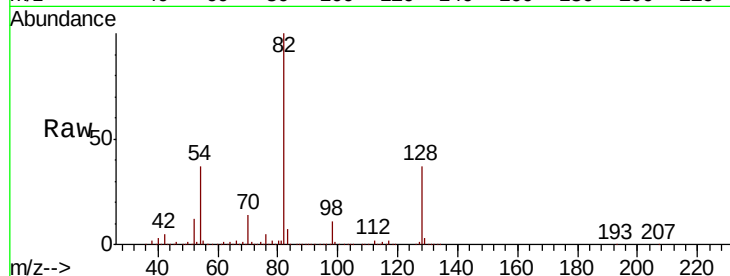




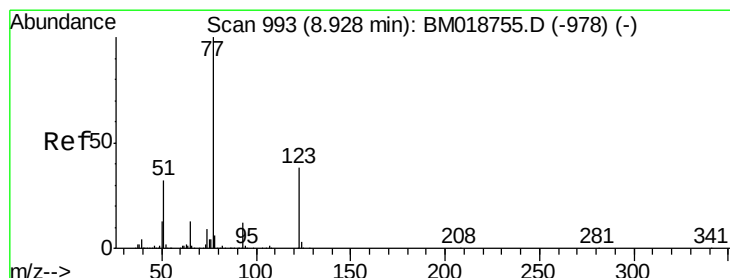
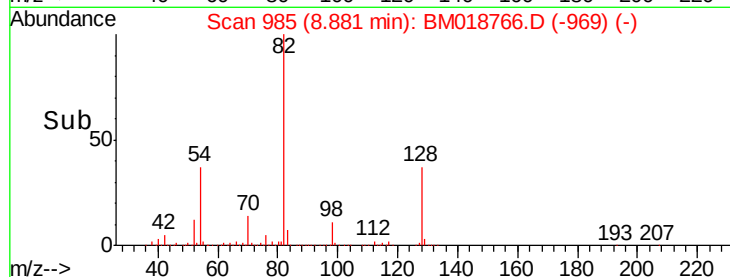
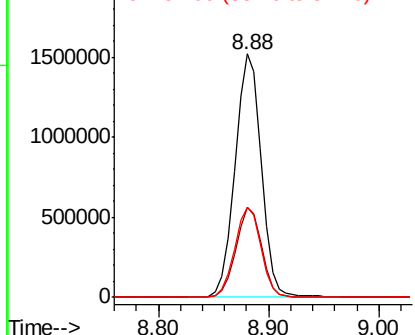
#23
Nitrobenzene-d5
Concen: 103.125 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Instrument :
BNA_M
ClientSampleId :
B-6-OW

Tgt Ion: 82 Resp: 2540964
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.2 29.1 43.7

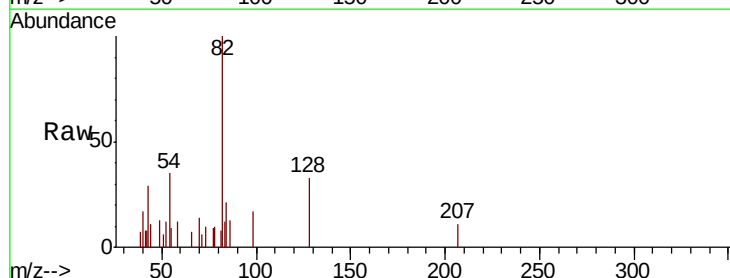


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

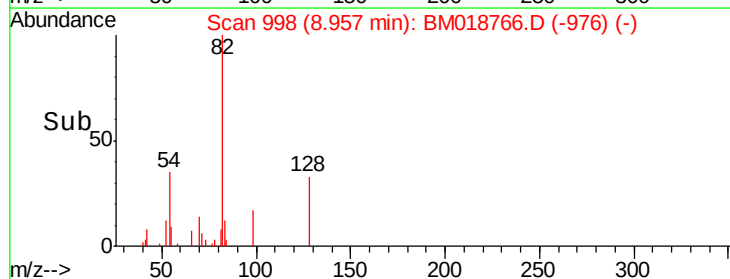
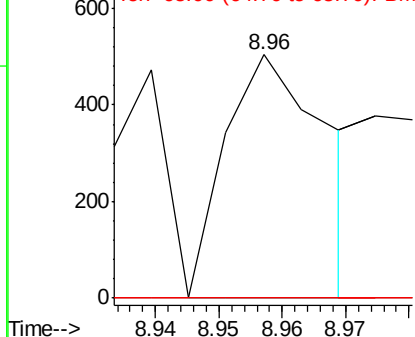


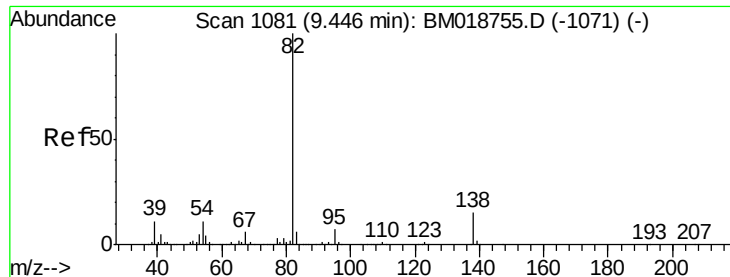
#24
Nitrobenzene
Concen: 0.022 ng
RT: 8.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion: 77 Resp: 560
Ion Ratio Lower Upper
77 100
123 0.0 30.7 46.1#
65 0.0 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: 0.014 ng

RT: 9.40 min Scan# 1074

Delta R.T. -0.04 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampled :

B-6-OW

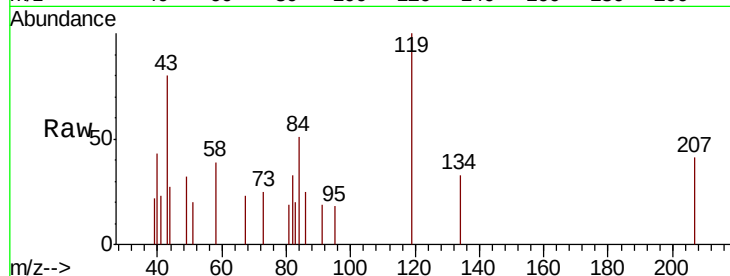
Tgt Ion: 82 Resp: 548

Ion Ratio Lower Upper

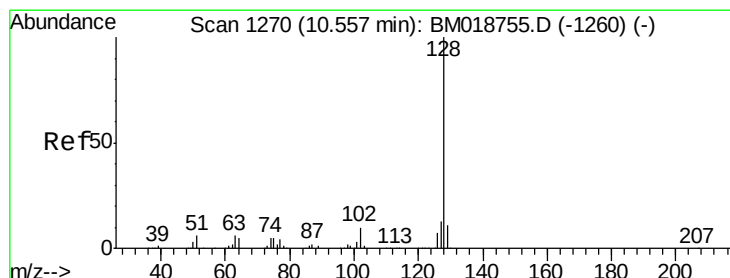
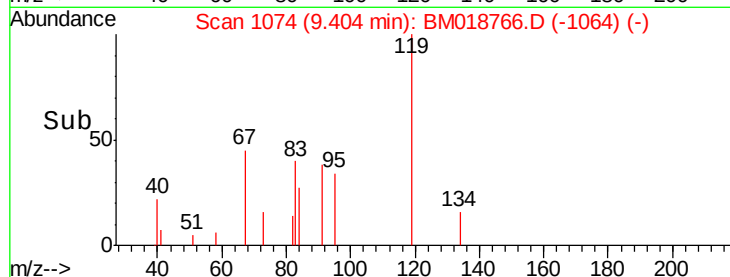
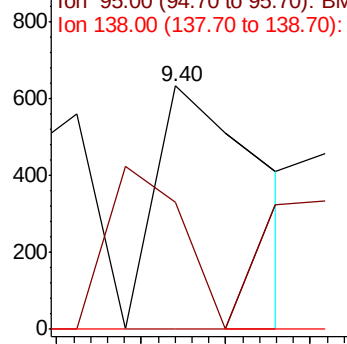
82 100

95 52.4 5.7 8.5#

138 0.0 12.3 18.5#



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



#31

Naphthalene

Concen: 0.105 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

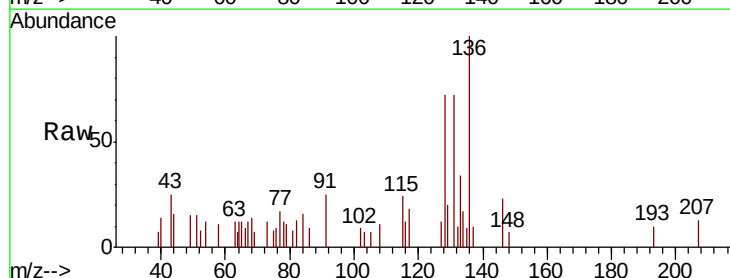
Tgt Ion: 128 Resp: 5808

Ion Ratio Lower Upper

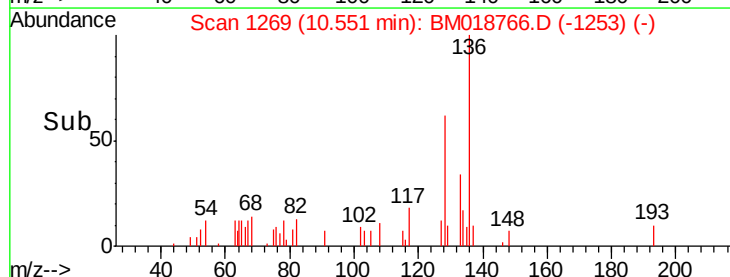
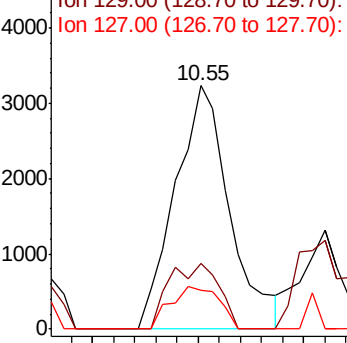
128 100

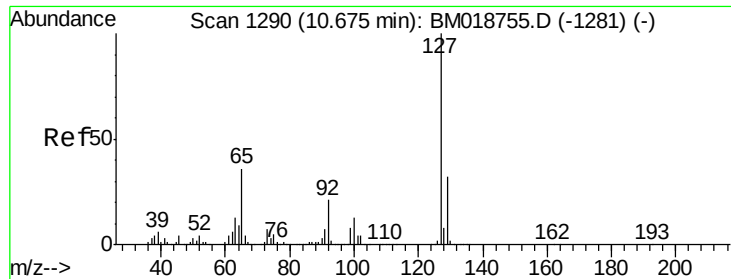
129 27.1 9.0 13.4#

127 16.2 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-1260) (-)

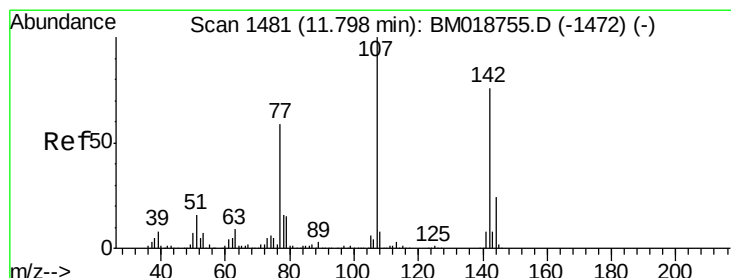
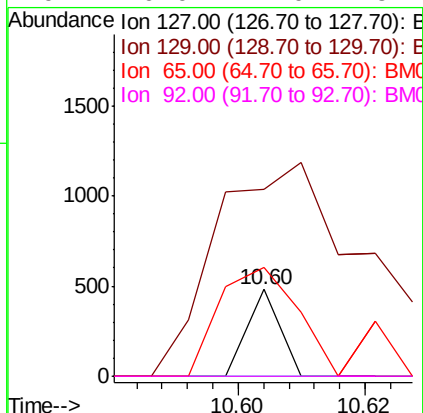
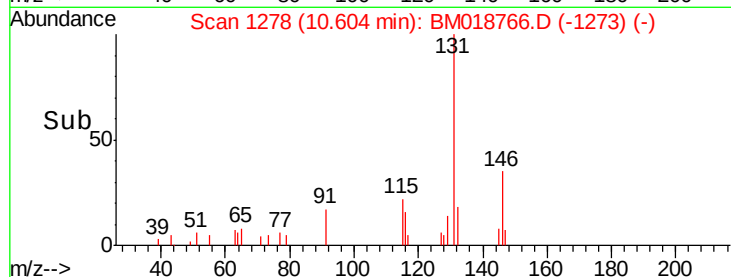
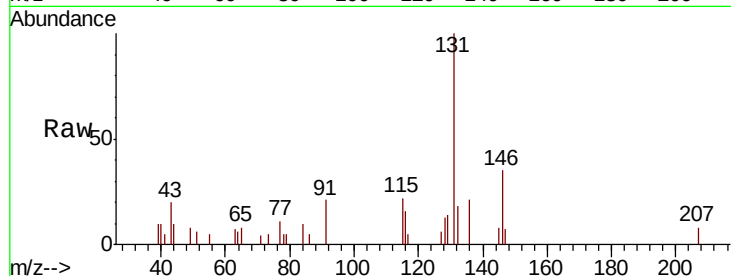




#33
4-Chloroaniline
Concen: 0.007 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

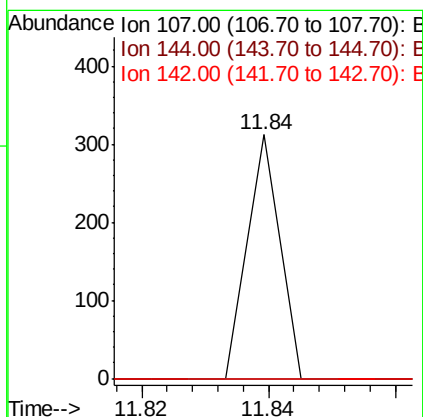
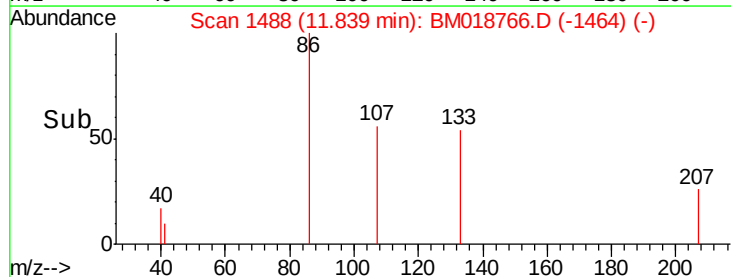
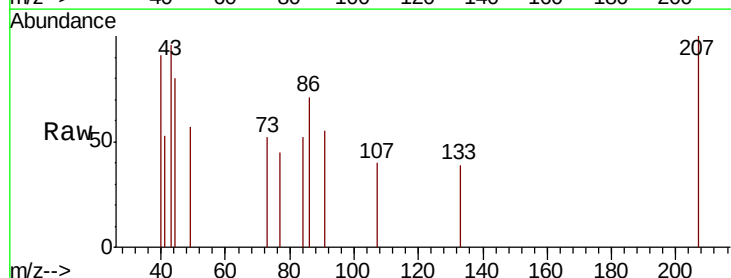
Instrument :
BNA_M
ClientSampleId :
B-6-OW

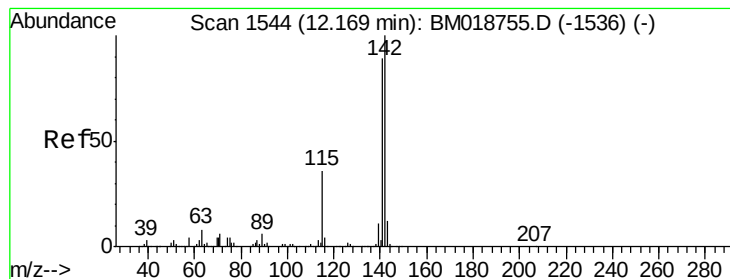
Tgt Ion:	127	Resp:	169
Ion	Ratio	Lower	Upper
127	100		
129	216.7	25.7	38.5#
65	125.6	28.7	43.1#
92	0.0	17.0	25.4#



#36
4-Chloro-3-methylphenol
Concen: 0.005 ng
RT: 11.84 min Scan# 1488
Delta R.T. 0.04 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:	107	Resp:	110
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	60.5	90.7#





#37

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

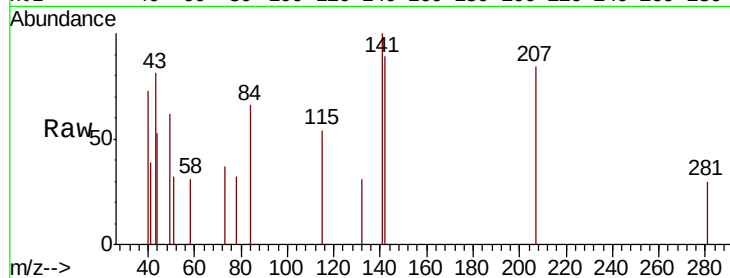
Tgt Ion:142 Resp: 1338

Ion Ratio Lower Upper

142 100

141 111.8 71.2 106.8#

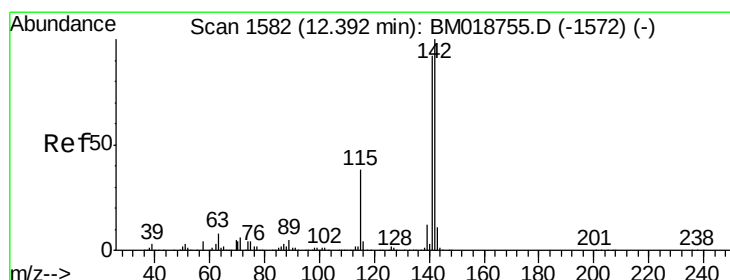
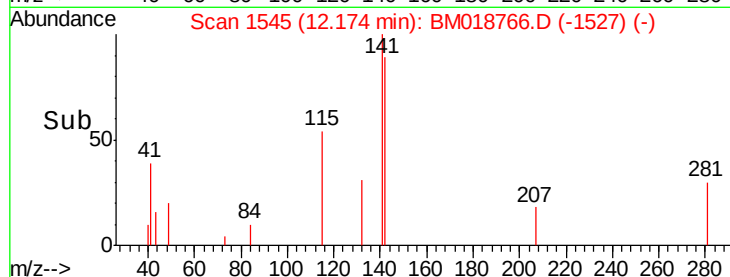
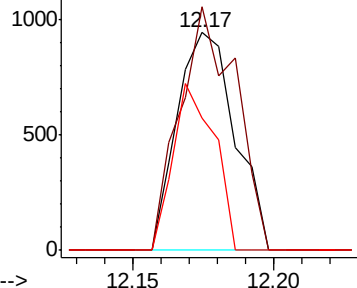
115 60.6 29.1 43.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.201 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

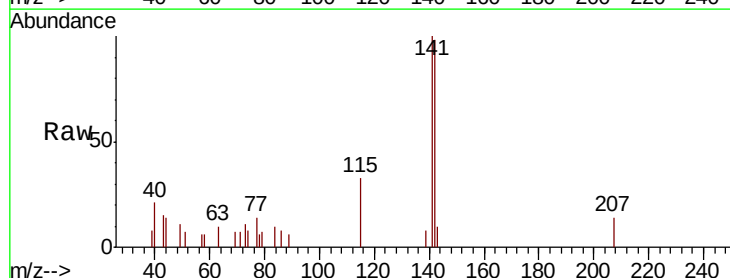
Tgt Ion:142 Resp: 7682

Ion Ratio Lower Upper

142 100

141 101.6 73.9 110.9

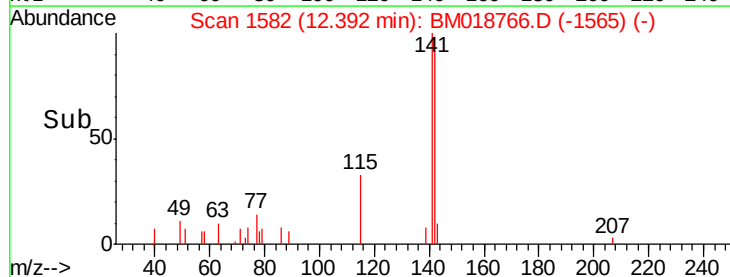
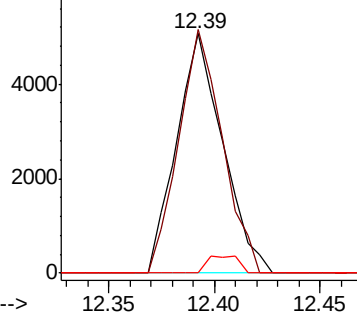
116 0.0 3.0 4.4#

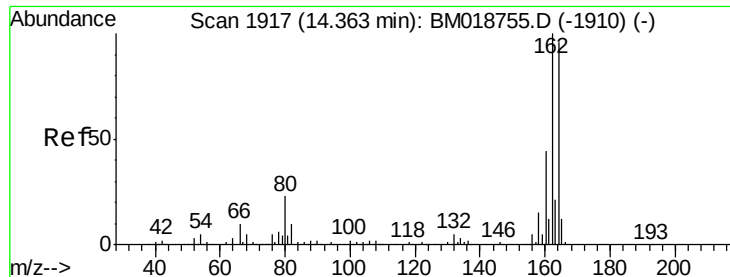


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

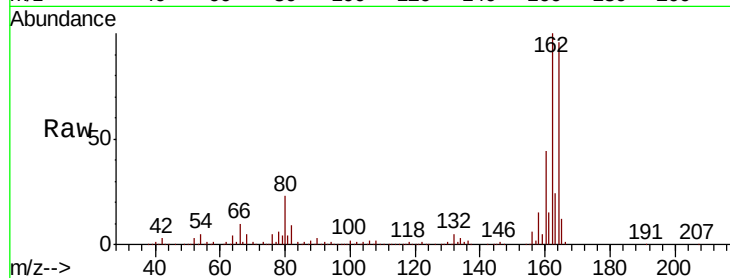
Tgt Ion:164 Resp: 665200

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

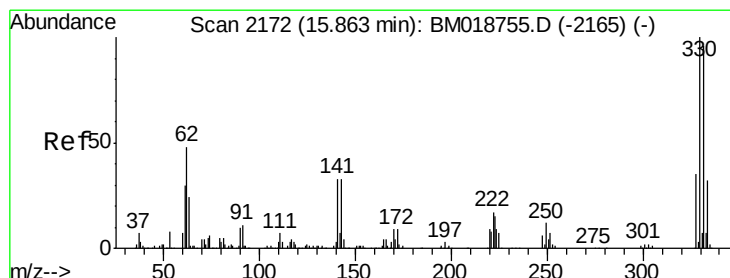
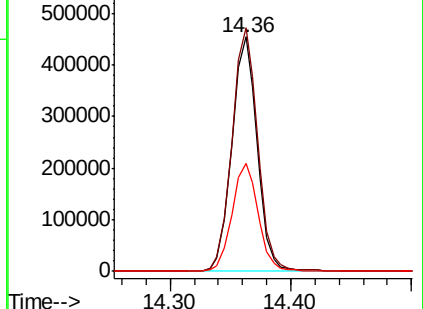
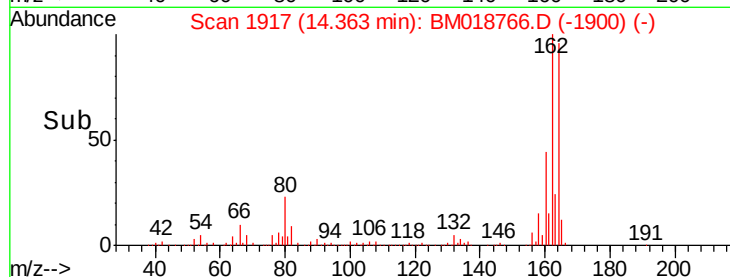
160 46.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 164.645 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

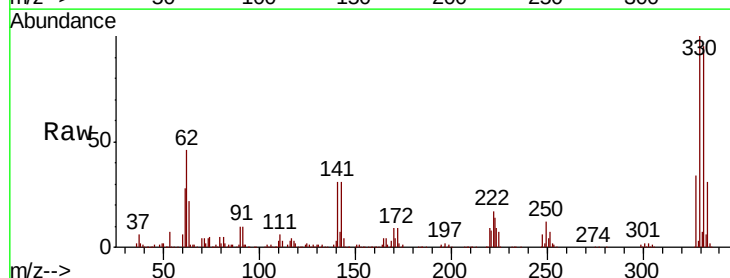
Tgt Ion:330 Resp: 1578724

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

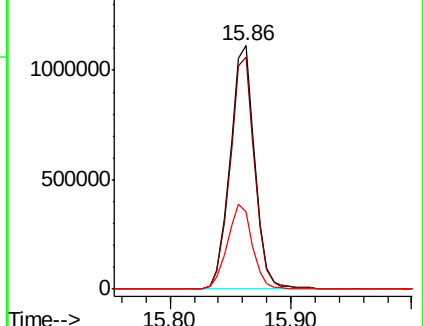
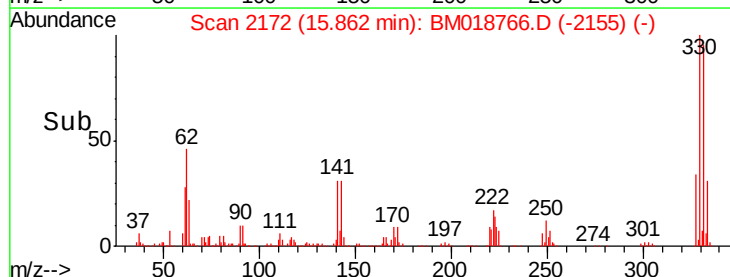
141 35.4 28.7 43.1

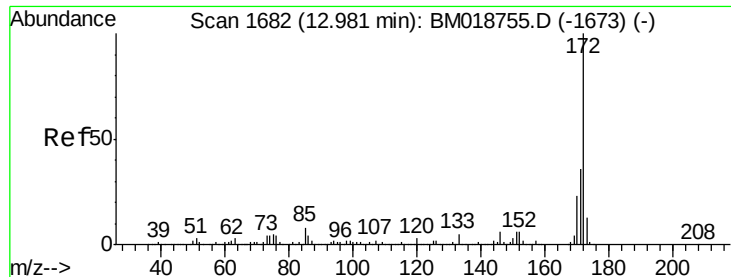


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

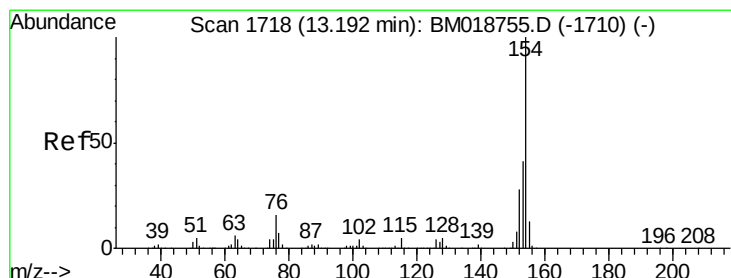
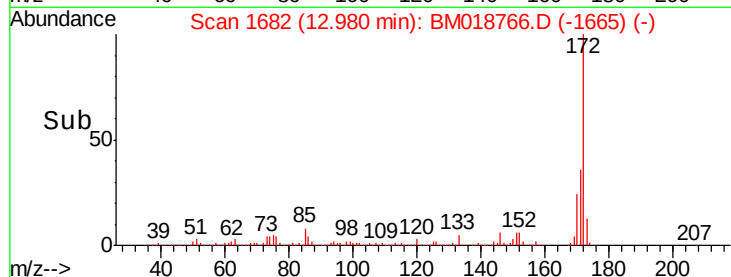
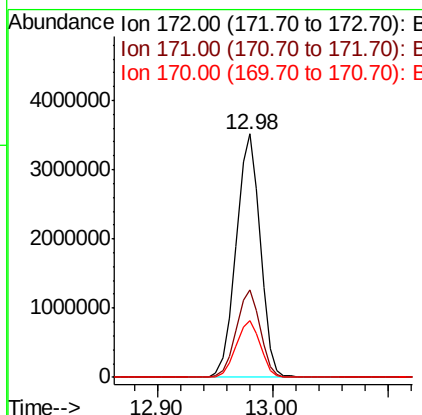
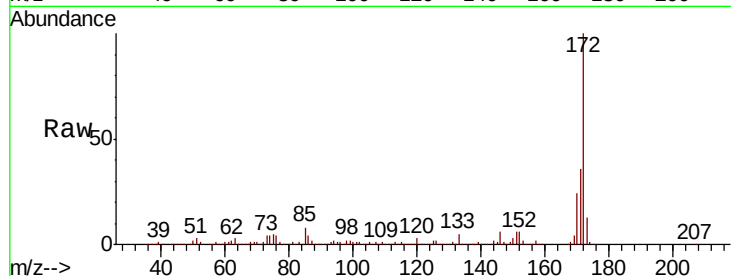




#45
2-Fluorobiphenyl
Concen: 101.328 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

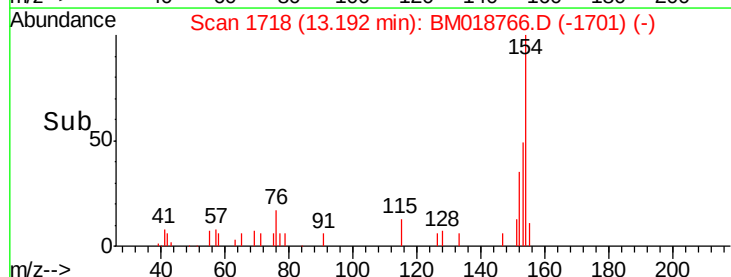
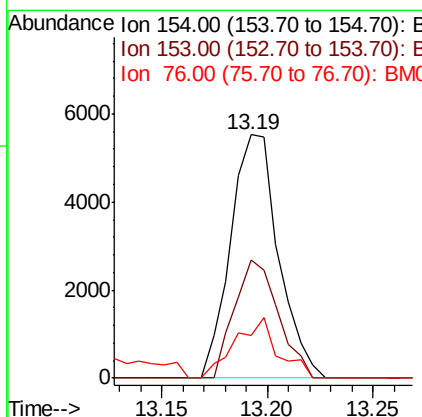
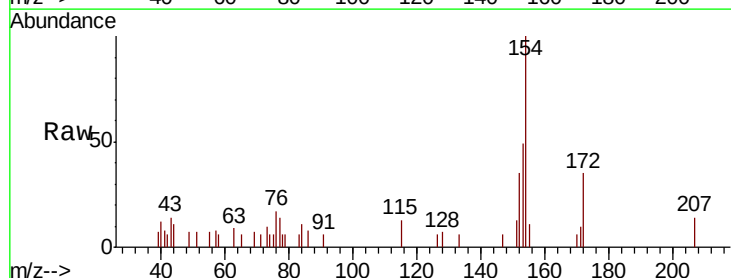
Instrument :
BNA_M
ClientSampleId :
B-6-OW

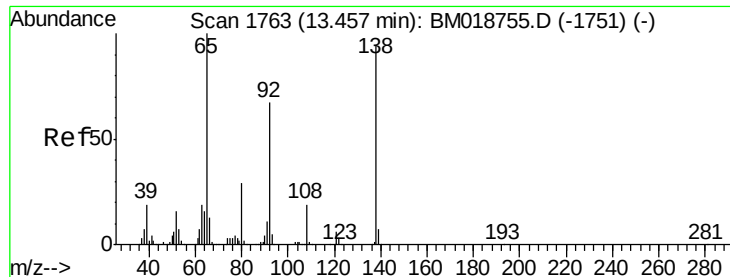
Tgt Ion:172 Resp: 5077572
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.152 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:154 Resp: 8703
Ion Ratio Lower Upper
154 100
153 48.6 21.1 61.1
76 17.4 0.0 35.7

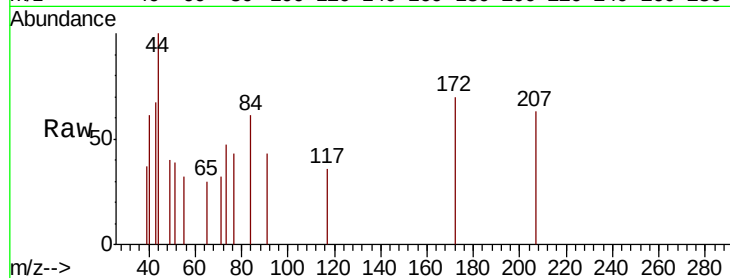




#48
2-Nitroaniline
Concen: 0.007 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.08 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

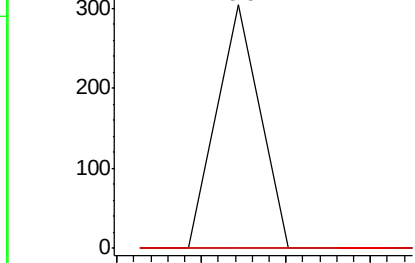
Instrument :
BNA_M
ClientSampleId :
B-6-OW

Tgt Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 0.0 54.0 81.0#
138 0.0 74.9 112.3#

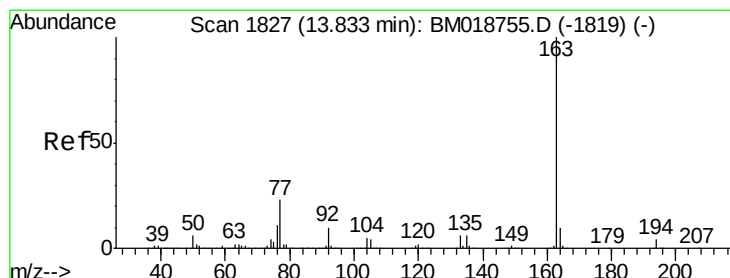
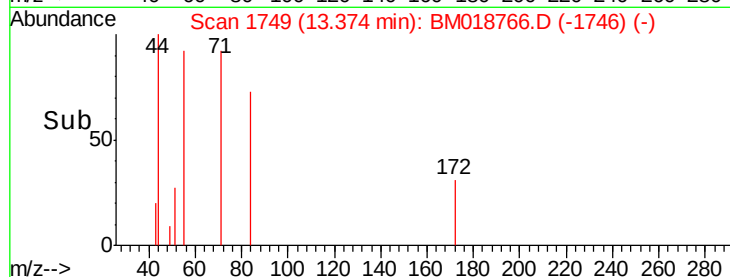


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

13.37

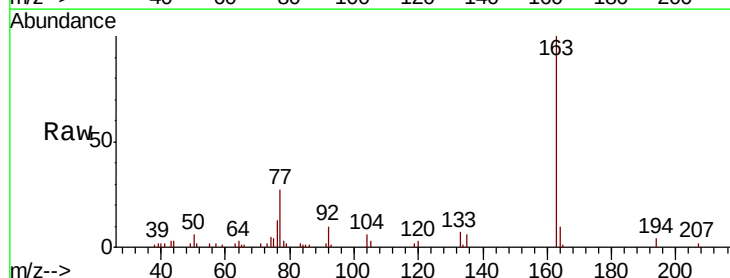


Time--> 13.36 13.37 13.38 13.39



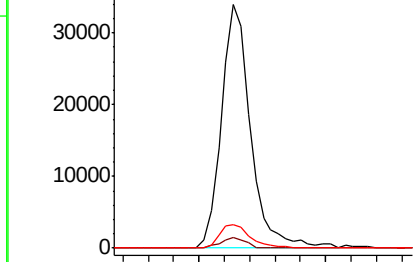
#50
Dimethylphthalate
Concen: 0.975 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion: 163 Resp: 54052
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.7 7.8 11.8

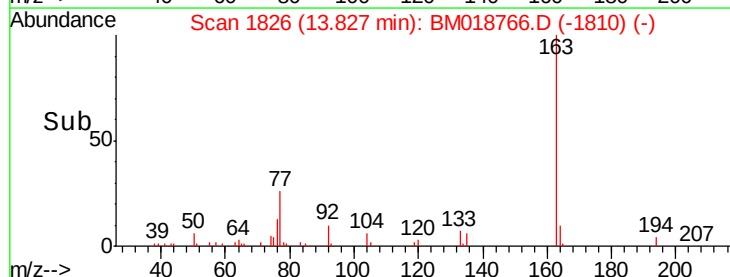


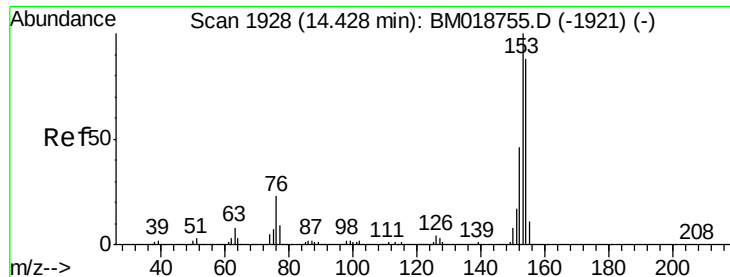
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

13.83



Time--> 13.80 13.90





#52

Acenaphthene

Concen: 0.063 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.07 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

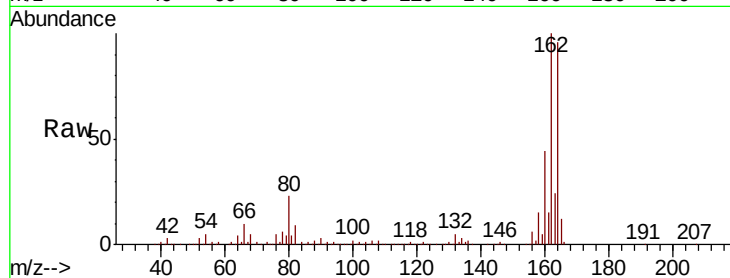
Tgt Ion:154 Resp: 2534

Ion Ratio Lower Upper

154 100

153 0.0 91.3 136.9#

152 0.0 42.2 63.4#

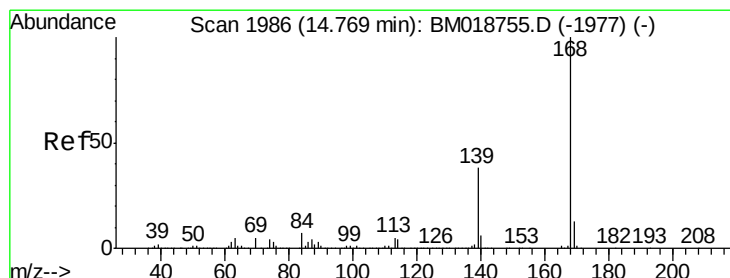
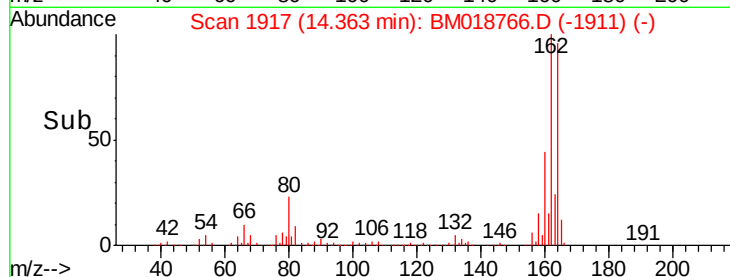
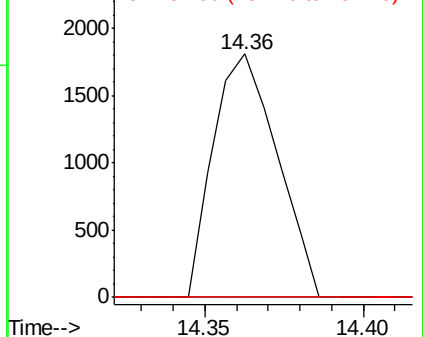


Abundance

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



#55

Dibenzofuran

Concen: 0.003 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

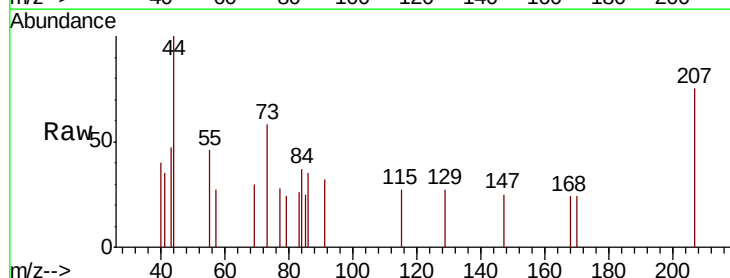
Tgt Ion:168 Resp: 216

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

169 0.0 10.3 15.5#

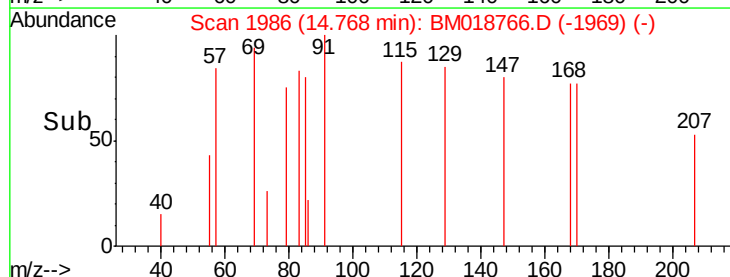
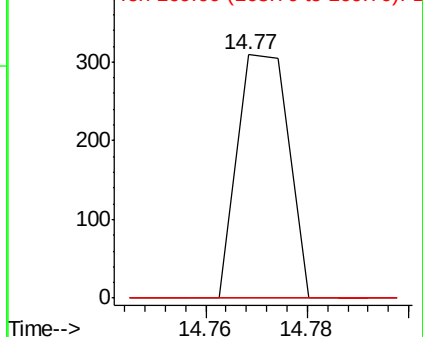


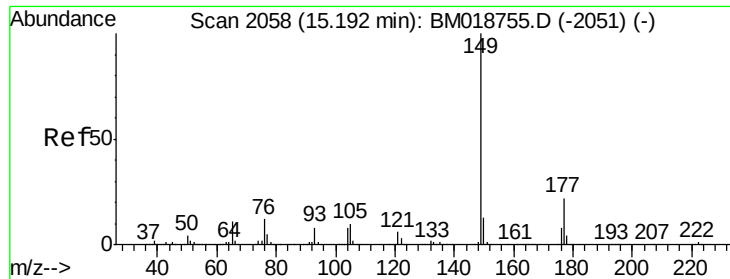
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#60

Diethylphthalate

Concen: 0.020 ng

RT: 15.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

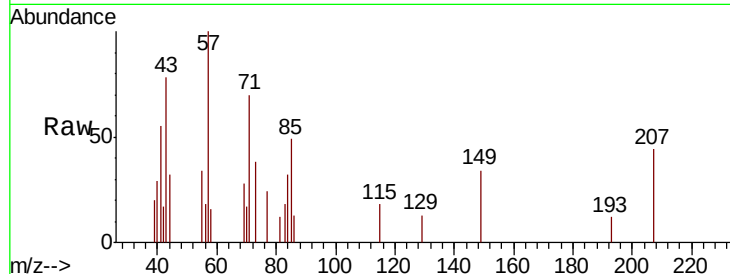
Tgt Ion: 149 Resp: 1128

Ion Ratio Lower Upper

149 100

177 0.0 17.2 25.8#

150 0.0 10.2 15.2#

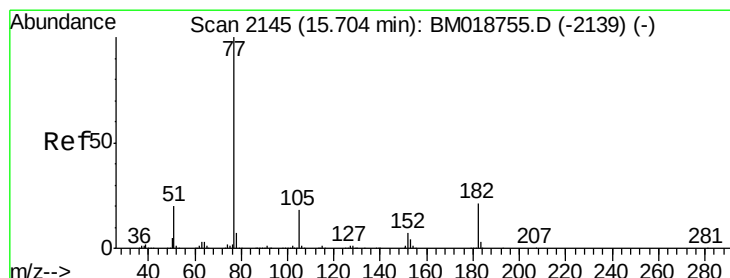
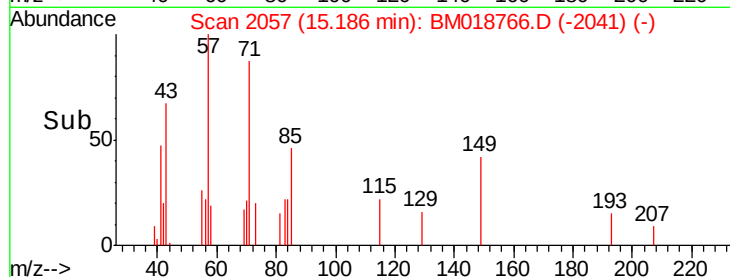
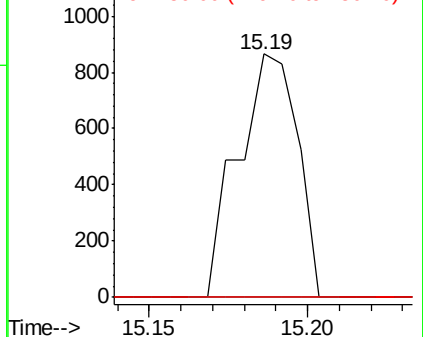


Abundance

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: 0.011 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Tgt Ion: 77 Resp: 698

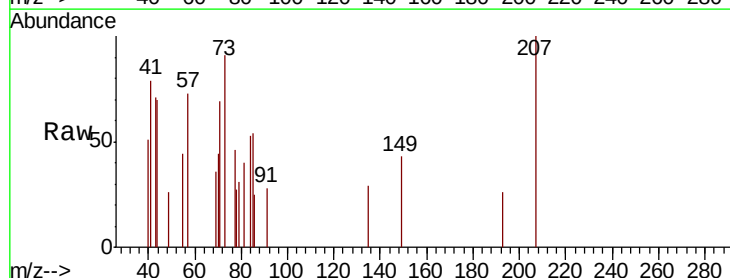
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#



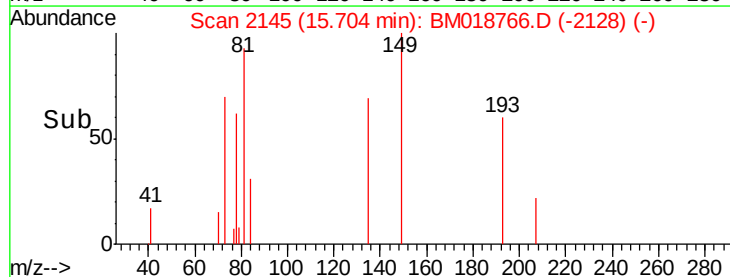
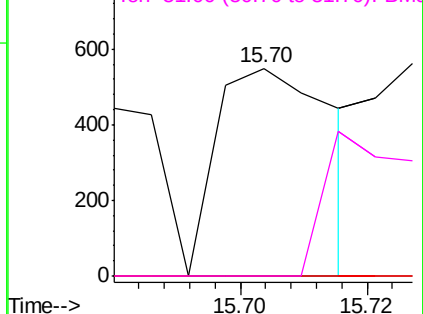
Abundance

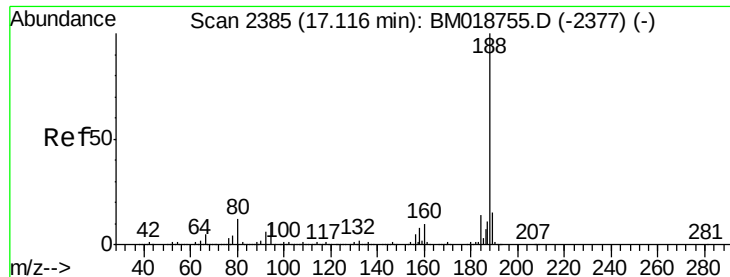
Ion 77.00 (76.70 to 77.70): BM0

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

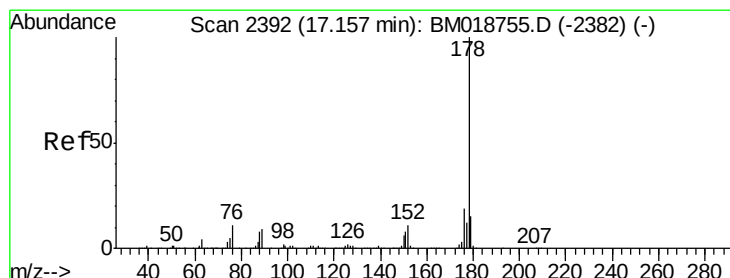
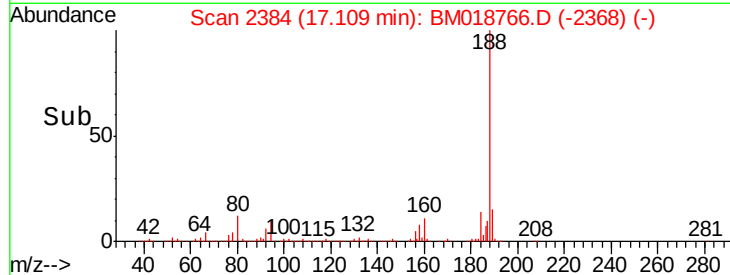
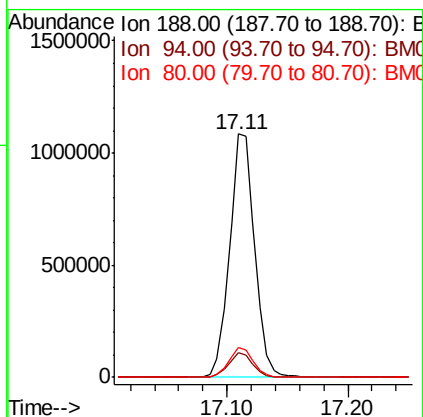
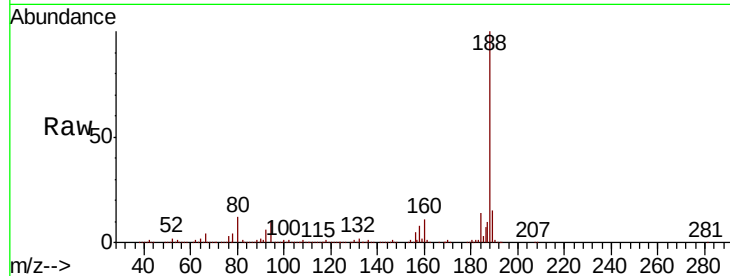




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

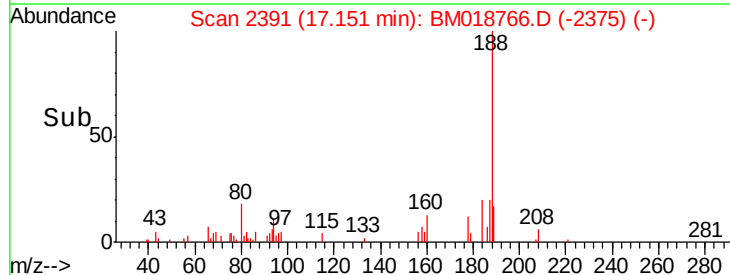
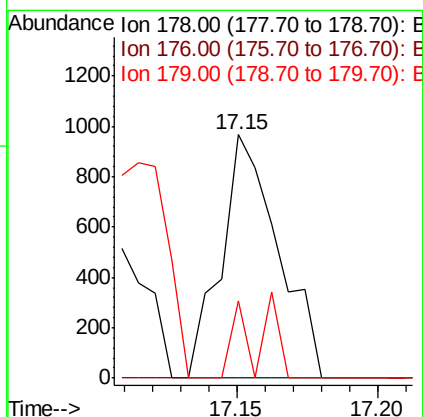
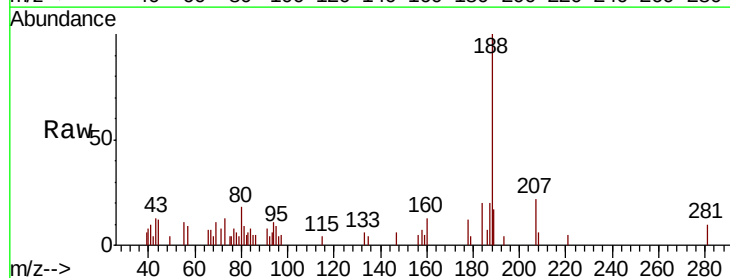
Instrument :
BNA_M
ClientSampled :
B-6-OW

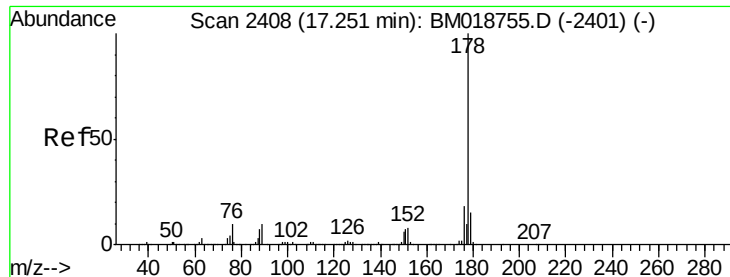
Tgt Ion:188 Resp: 1564380
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.4 9.7 14.5



#71
Phenanthrene
Concen: 0.016 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:178 Resp: 1353
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 32.0 12.3 18.5#





#72

Anthracene

Concen: 0.004 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

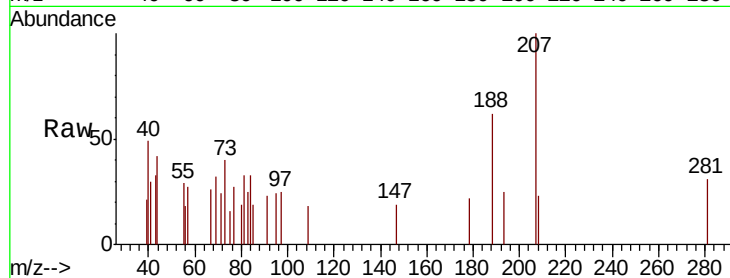
Tgt Ion:178 Resp: 301

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

179 0.0 12.1 18.1#

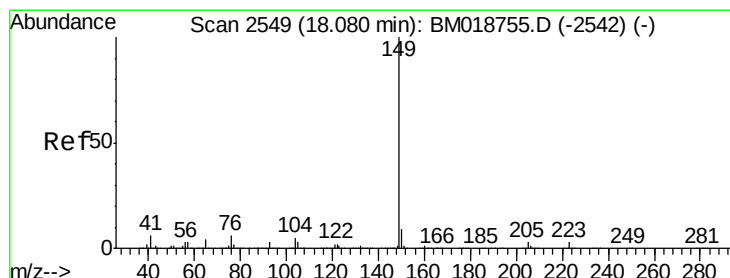
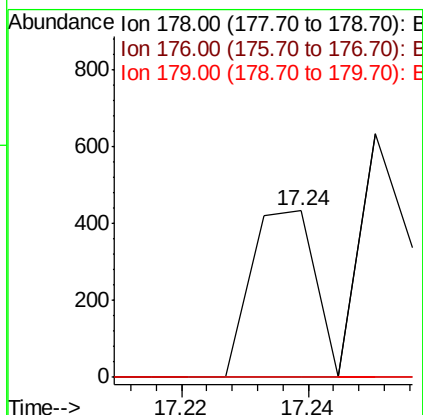
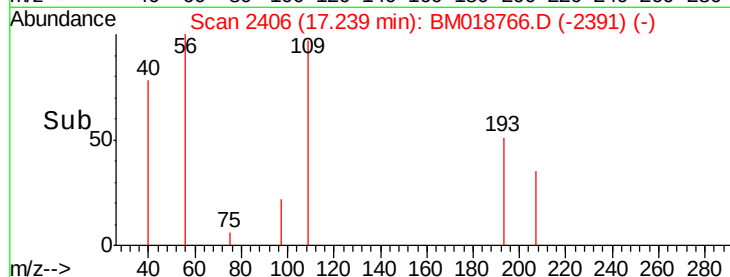


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 0.028 ng

RT: 18.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

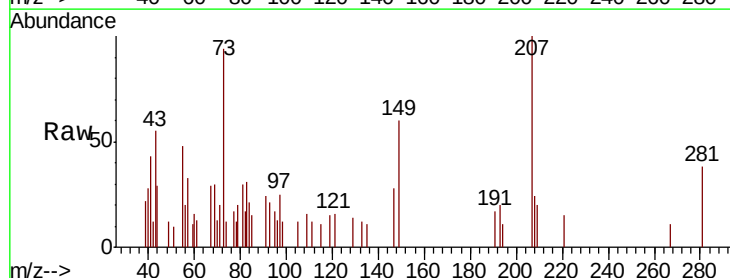
Tgt Ion:149 Resp: 2726

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.3 6.5#

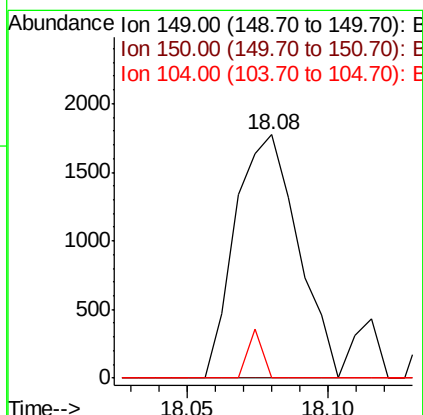
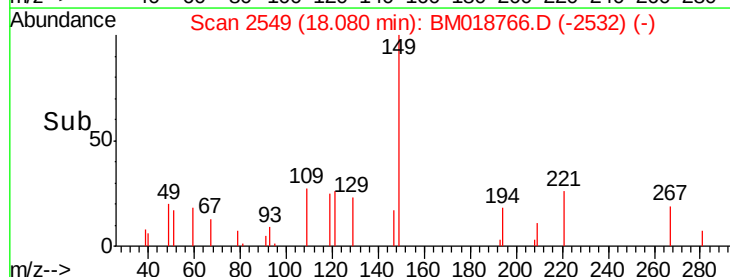


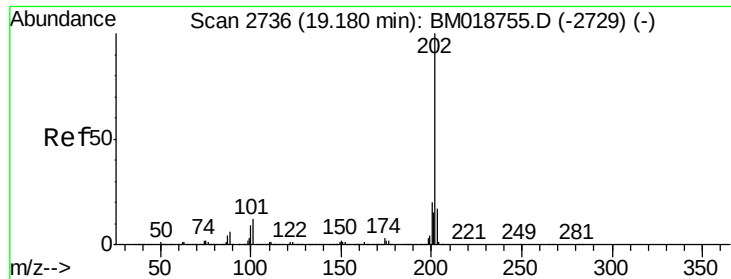
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#75

Fluoranthene

Concen: 0.009 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

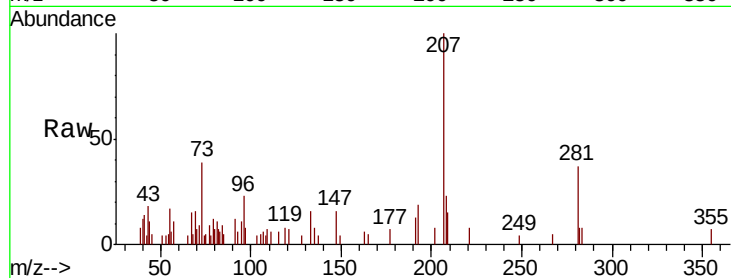
Tgt Ion:202 Resp: 900

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

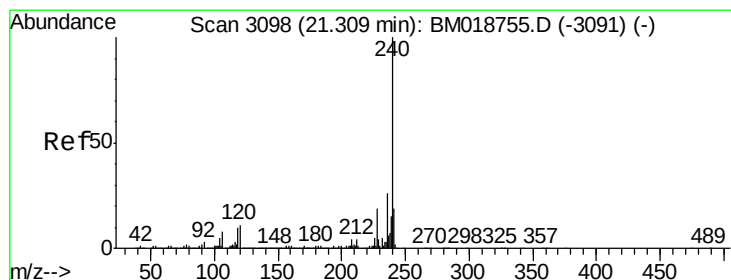
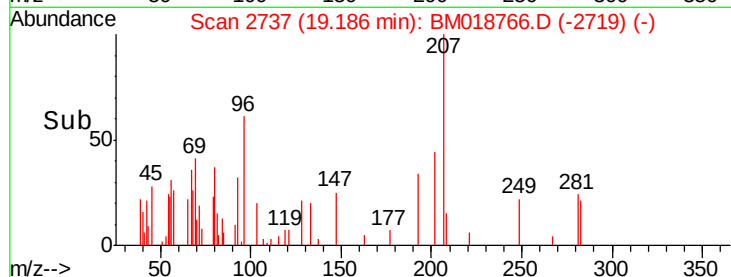
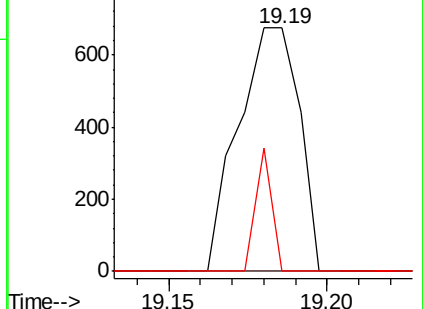
203 0.0 0.0 37.3



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: BM018766.D

Acq: 11 Feb 2019 20:16

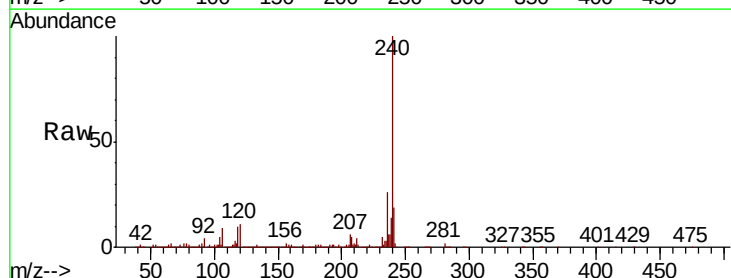
Tgt Ion:240 Resp: 1786345

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

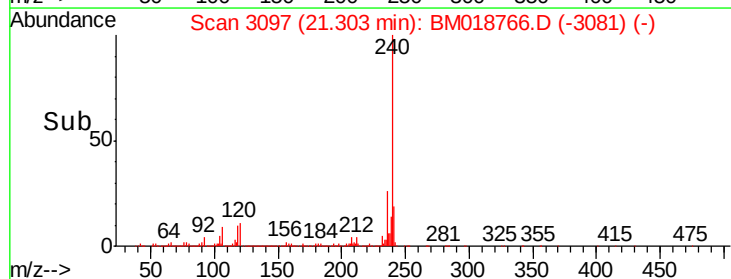
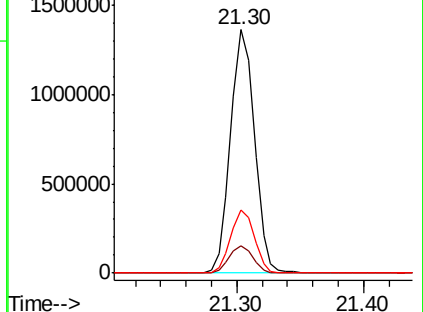
236 26.1 20.9 31.3

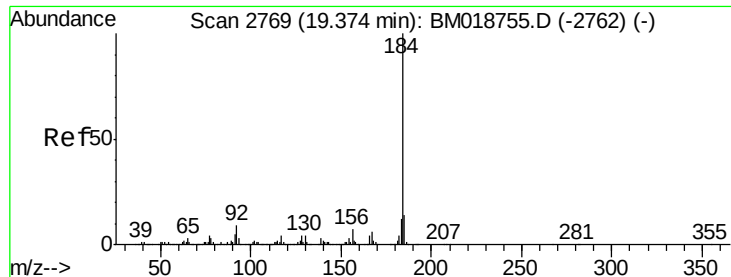


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.003 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.05 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

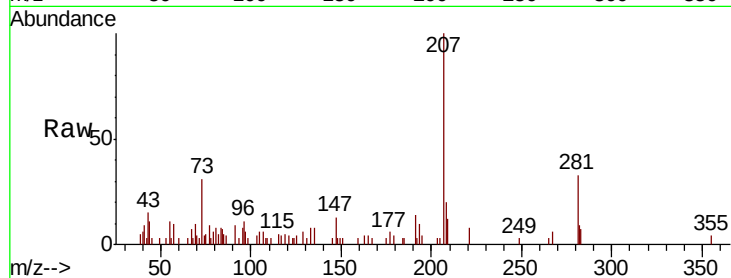
Tgt Ion:184 Resp: 118

Ion Ratio Lower Upper

184 100

185 90.4 11.2 16.8#

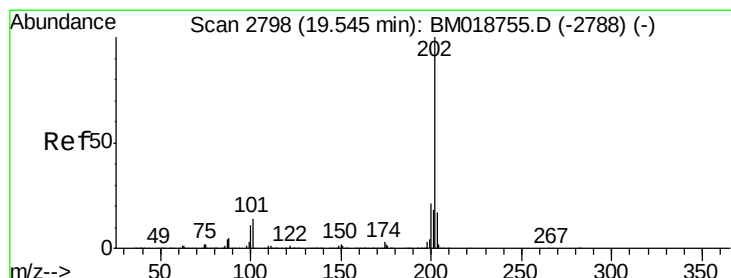
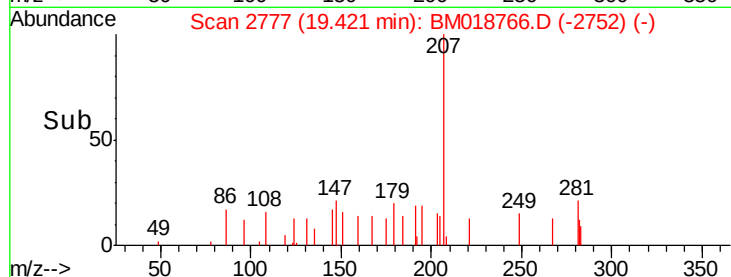
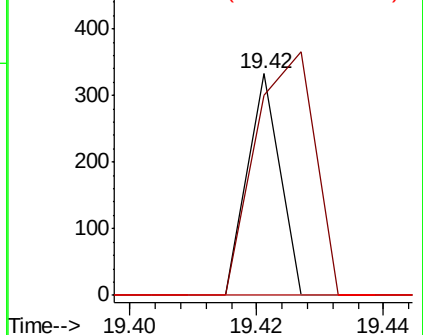
183 0.0 9.7 14.5#



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: 0.015 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

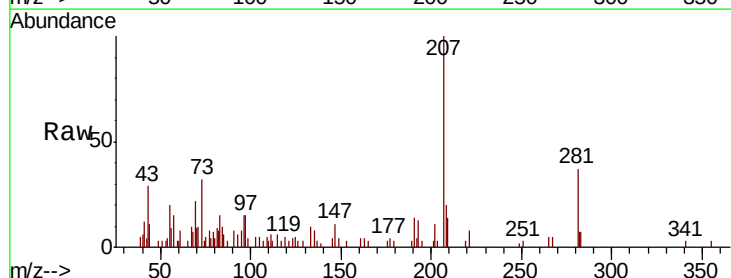
Tgt Ion:202 Resp: 1536

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

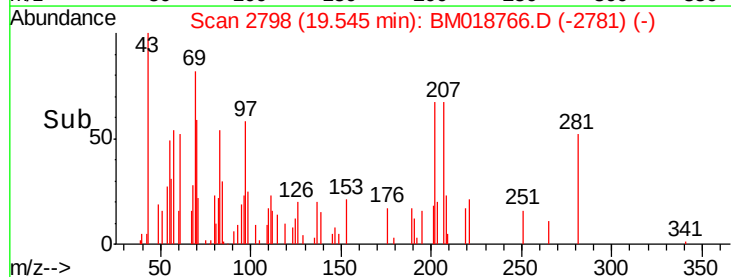
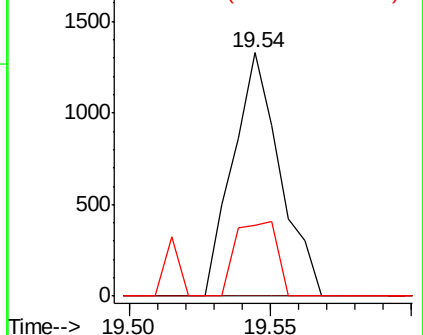
203 29.0 13.8 20.8#

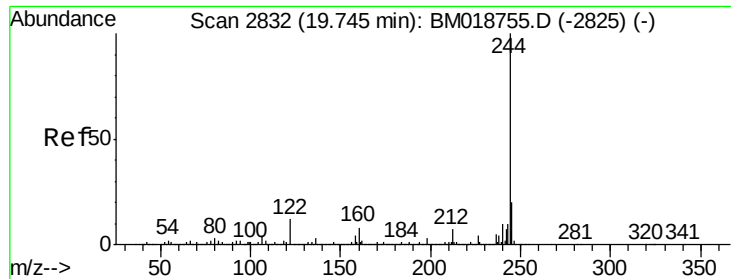


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.384 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampled :

B-6-OW

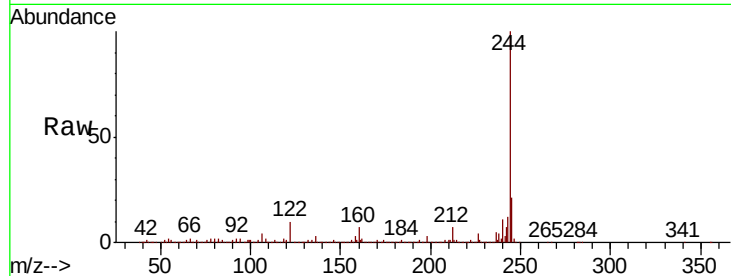
Tgt Ion:244 Resp: 9125643

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

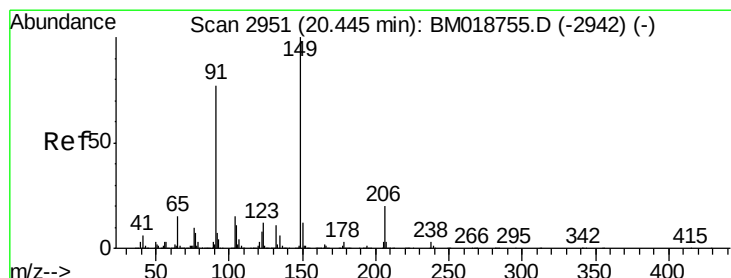
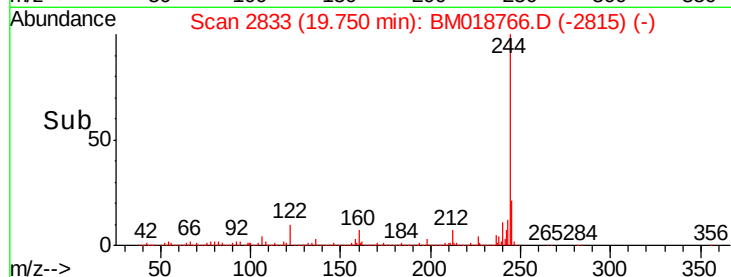
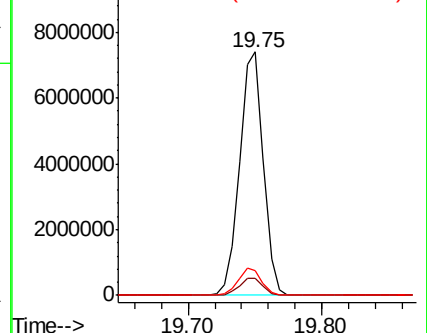
122 10.3 9.3 13.9



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: 0.029 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

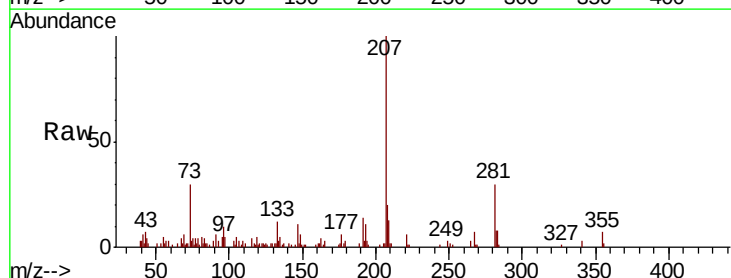
Tgt Ion:149 Resp: 1377

Ion Ratio Lower Upper

149 100

91 100.2 61.4 92.0#

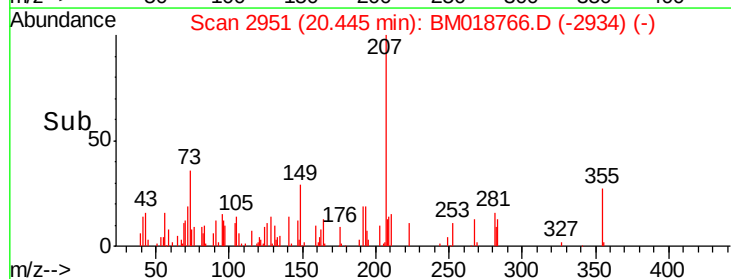
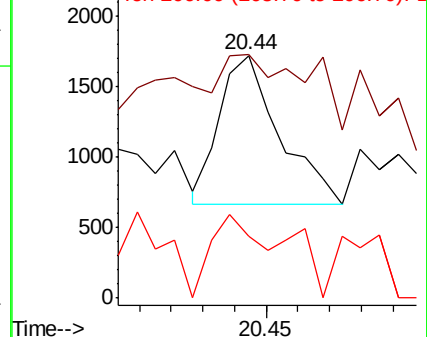
206 25.5 15.8 23.8#

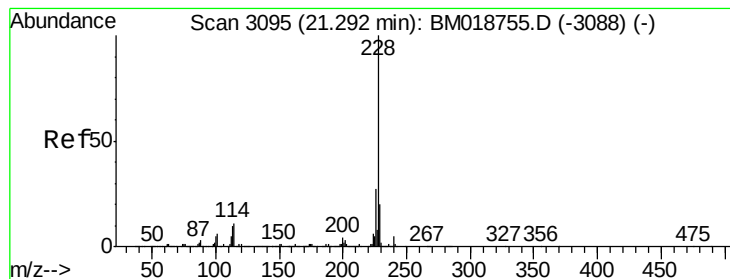


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleId :

B-6-OW

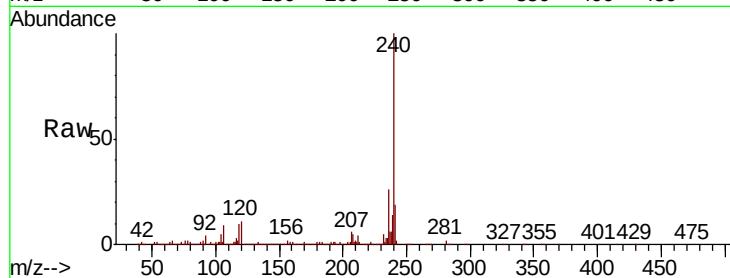
Tgt Ion:228 Resp: 5775

Ion Ratio Lower Upper

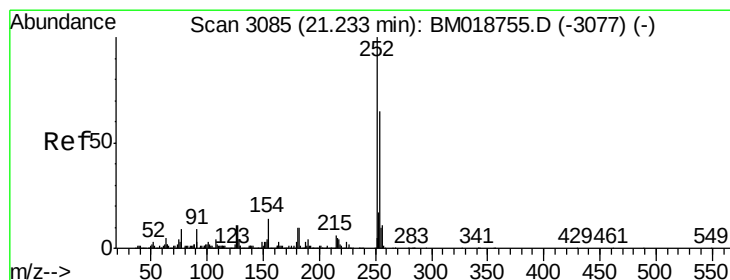
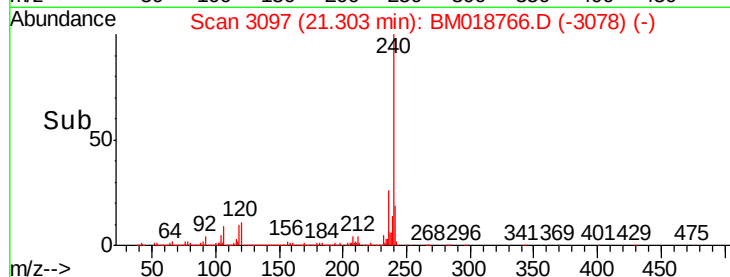
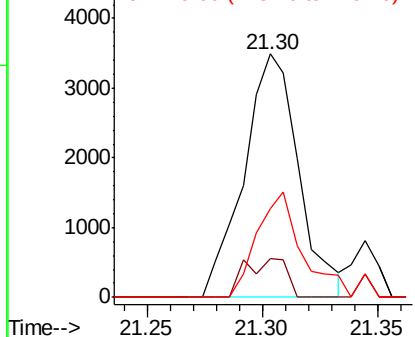
228 100

226 16.0 21.9 32.9#

229 36.6 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: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

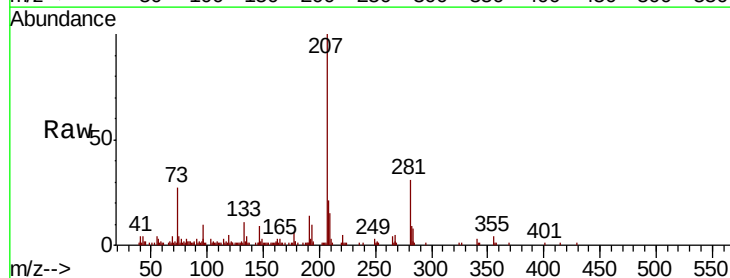
Tgt Ion:252 Resp: 396

Ion Ratio Lower Upper

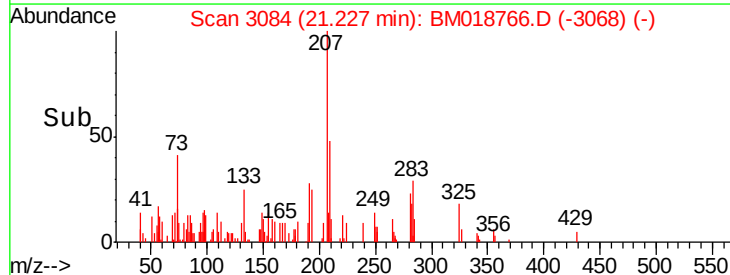
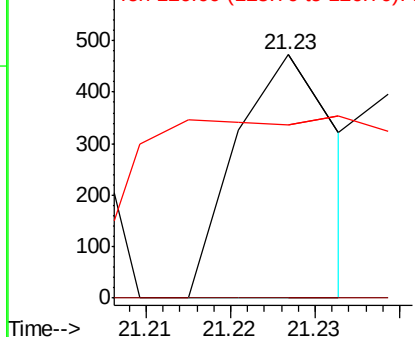
252 100

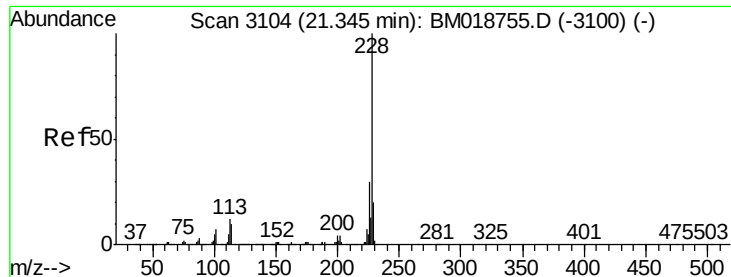
254 0.0 51.8 77.8#

126 71.2 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: 0.006 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampleID :

B-6-OW

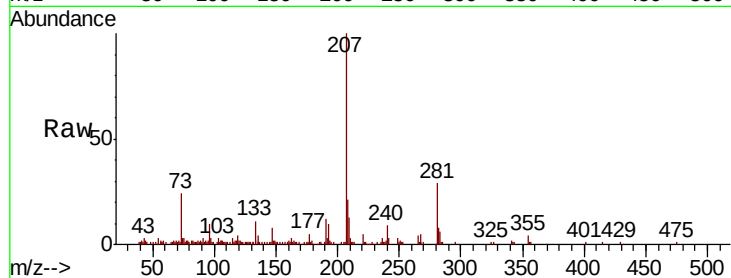
Tgt Ion: 228 Resp: 607

Ion Ratio Lower Upper

228 100

226 41.4 24.1 36.1#

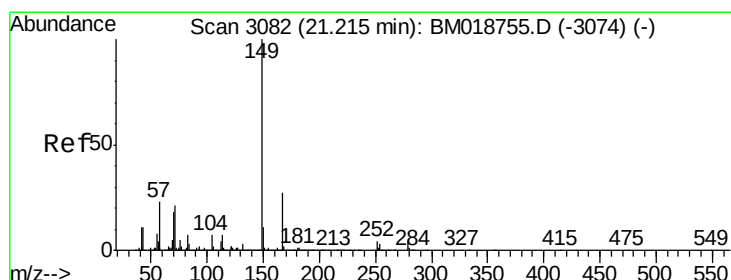
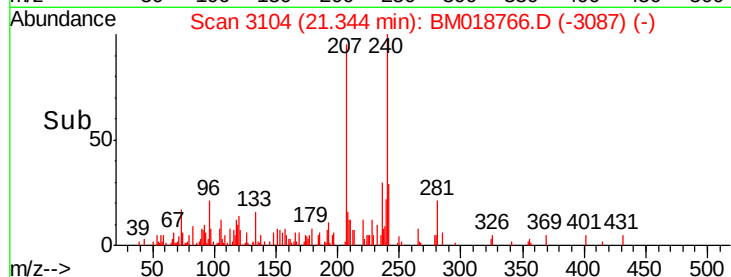
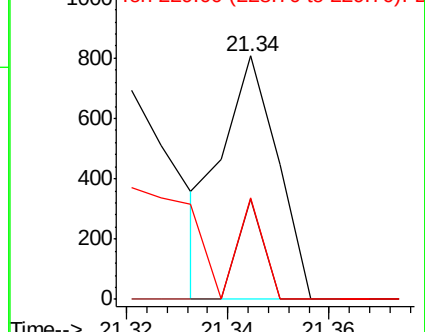
229 41.9 16.0 24.0#



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: 0.084 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

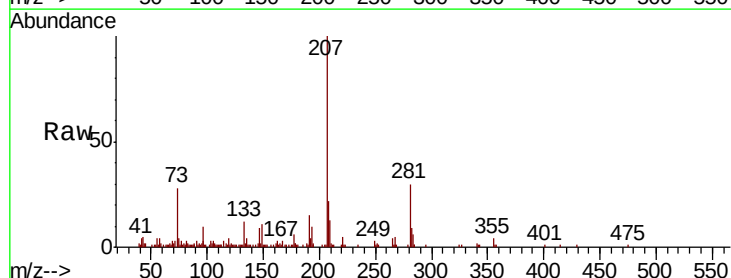
Tgt Ion: 149 Resp: 5834

Ion Ratio Lower Upper

149 100

167 23.9 21.8 32.6

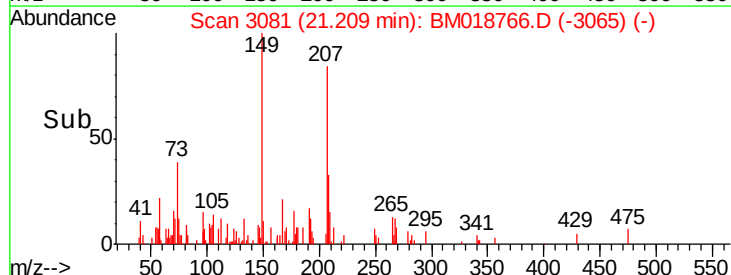
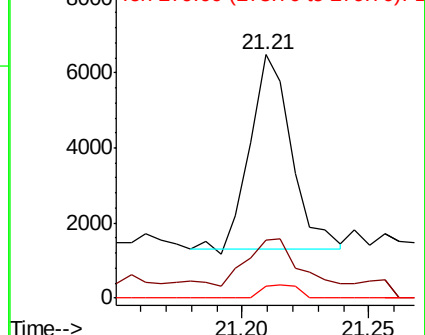
279 4.8 3.6 5.4

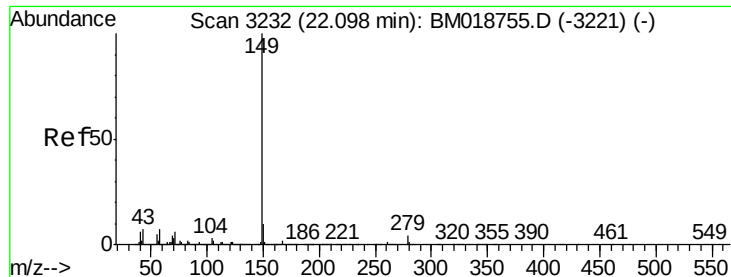


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

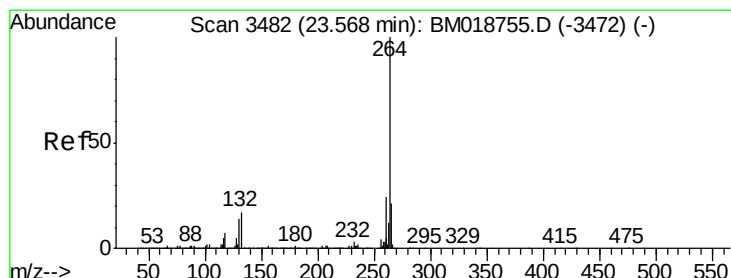
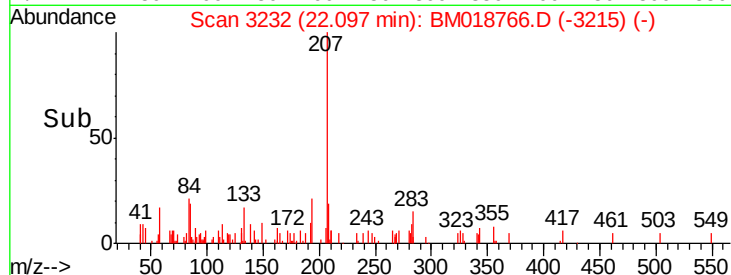
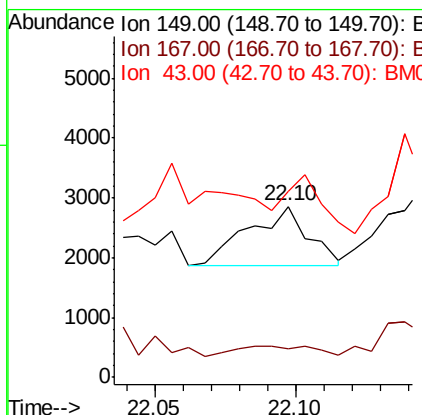
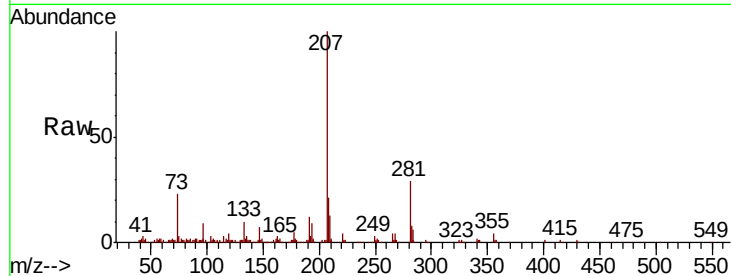




#85
Di-n-octyl phthalate
Concen: 0.013 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

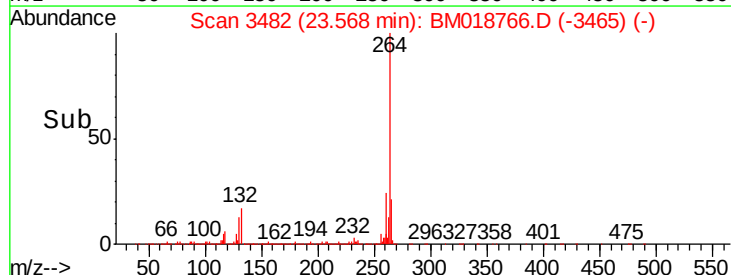
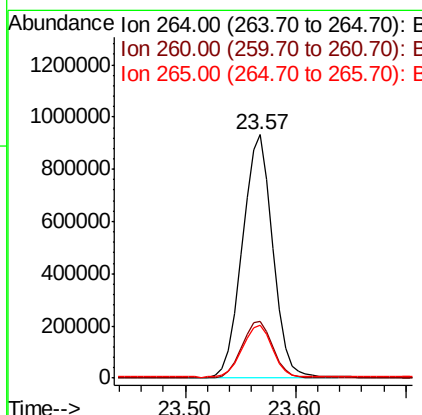
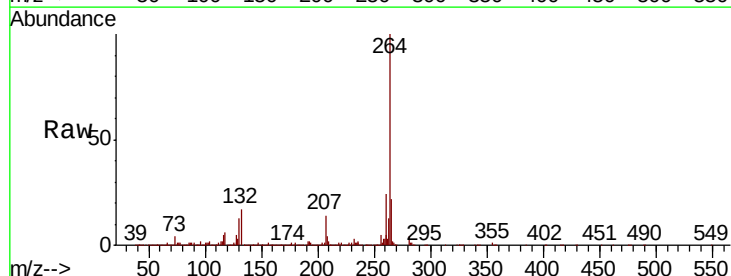
Instrument :
BNA_M
ClientSampleId :
B-6-OW

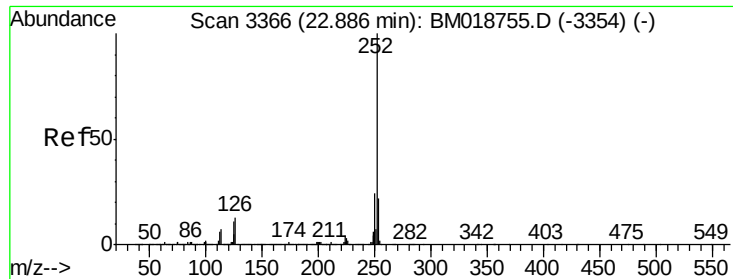
Tgt Ion:149 Resp: 1468
Ion Ratio Lower Upper
149 100
167 24.5 1.3 1.9#
43 57.1 6.0 9.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:264 Resp: 1812402
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.7 17.3 25.9

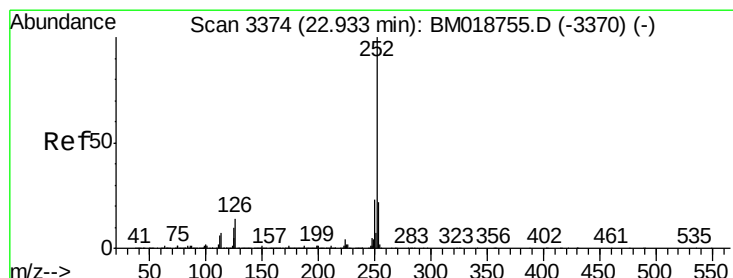
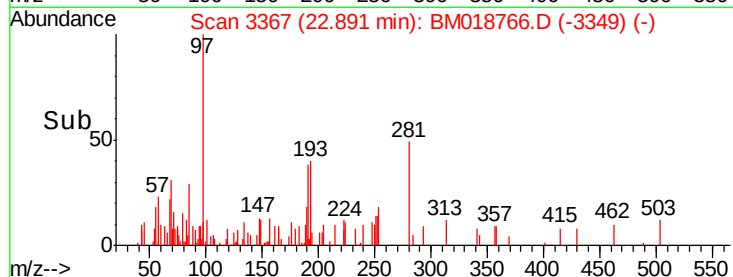
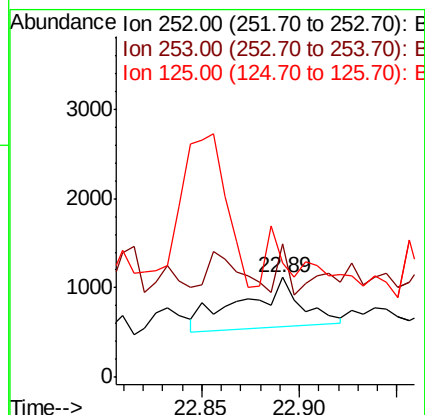
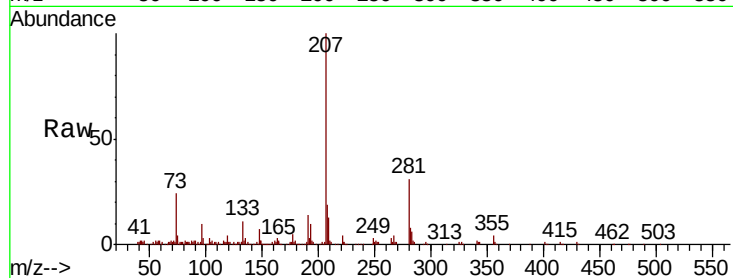




#88
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

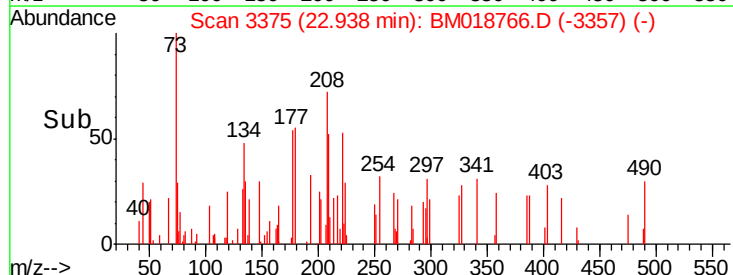
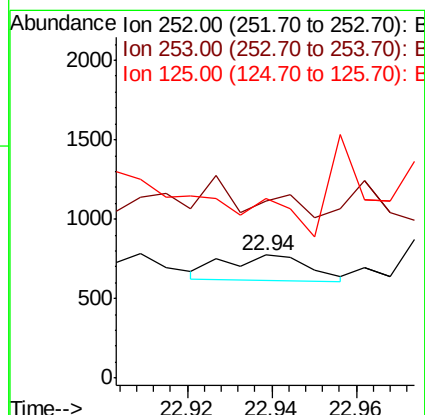
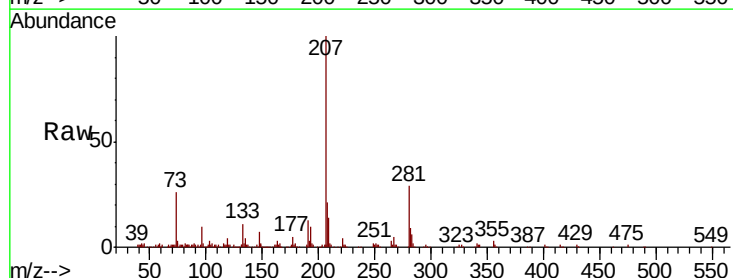
Instrument :
BNA_M
ClientSampleId :
B-6-OW

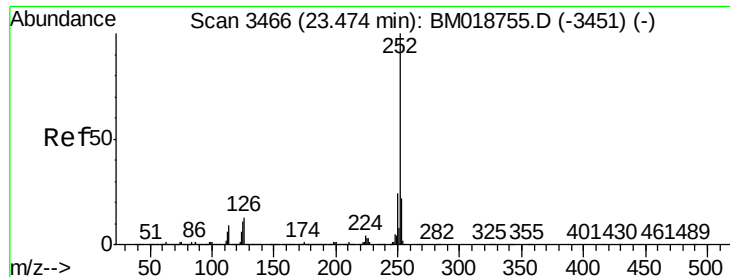
Tgt Ion:252 Resp: 1187
Ion Ratio Lower Upper
252 100
253 134.1 17.8 26.6#
125 114.5 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018766.D
Acq: 11 Feb 2019 20:16

Tgt Ion:252 Resp: 217
Ion Ratio Lower Upper
252 100
253 144.0 17.7 26.5#
125 145.7 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.46 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

Instrument :

BNA_M

ClientSampled :

B-6-OW

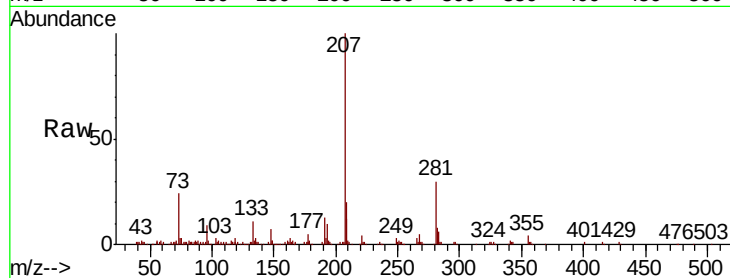
Tgt Ion: 252 Resp: 273

Ion Ratio Lower Upper

252 100

253 122.1 17.4 26.0#

125 152.9 8.6 13.0#

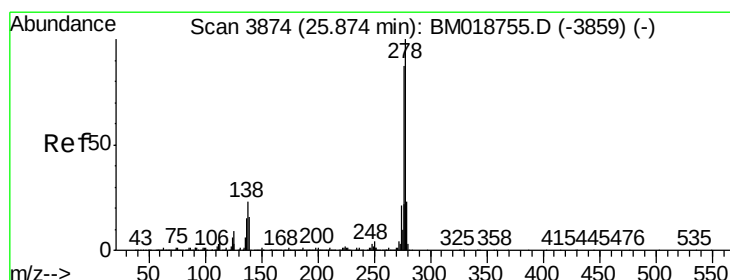
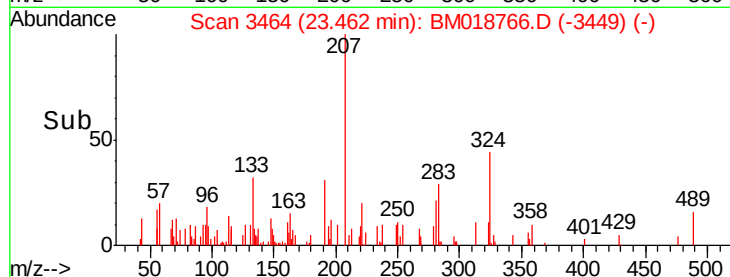
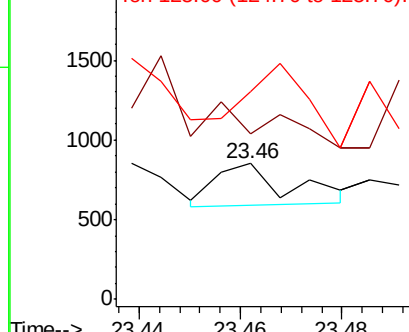


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM018766.D

Acq: 11 Feb 2019 20:16

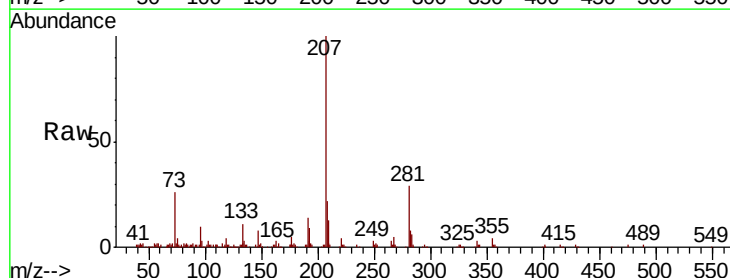
Tgt Ion: 278 Resp: 112

Ion Ratio Lower Upper

278 100

139 145.1 12.6 18.8#

279 0.0 18.6 28.0#



Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

