

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018740.D
 Acq On : 07 Feb 2019 16:41
 Operator : JU/SJ
 Sample : K1390-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Quant Time: Feb 08 10:06:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210652	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	767791	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	448391	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	891463	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1026126	20.00	ng	0.00
87) Perylene-d12	23.57	264	1102515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1719292	150.71	ng	0.00
7) Phenol-d6	6.89	99	2211162	152.60	ng	0.00
23) Nitrobenzene-d5	8.89	82	1410659	106.51	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	823248	144.19	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2969621	86.42	ng	0.00
79) Terphenyl-d14	19.75	244	4442472	91.26	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.61	42	51175	10.68	ng	# 7
9) Benzaldehyde	6.86	77	65093	6.16	ng	# 1
15) Benzyl Alcohol	7.99	79	34608	3.31	ng	# 57
18) Hexachloroethane	8.81	117	455375	79.41	ng	# 1
19) n-Nitroso-di-n-propylamine	8.56	70	55271	5.86	ng	# 65
22) Acetophenone	8.51	105	1394895	73.44	ng	# 56
24) Nitrobenzene	8.89	77	92618	7.11	ng	# 51
25) Isophorone	9.42	82	233441	11.64	ng	# 1
26) 2-Nitrophenol	9.62	139	31219	4.95	ng	# 1
27) 2,4-Dimethylphenol	9.71	122	30561	3.24	ng	# 1
28) bis(2-Chloroethoxy)methane	9.95	93	51053	3.68	ng	# 1
29) 2,4-Dichlorophenol	10.15	162	24255	2.16	ng	# 23
31) Naphthalene	10.56	128	202751	5.48	ng	# 1
32) Benzoic acid	9.82	122	1789	6.75	ng	# 1
33) 4-Chloroaniline	10.72	127	31361	2.15	ng	# 1
35) Caprolactam	11.52	113	403444	105.51	ng	# 40
37) 2-Methylnaphthalene	12.18	142	418506	16.02	ng	# 96
38) 1-Methylnaphthalene	12.40	142	218173	8.63	ng	# 89
46) 1,1'-Biphenyl	13.20	154	197881	5.05	ng	# 97
50) Dimethylphthalate	13.83	163	208246	5.65	ng	# 93
51) 2,6-Dinitrotoluene	13.97	165	18055	2.31	ng	# 84
52) Acenaphthene	14.43	154	135397	5.00	ng	# 75
53) 3-Nitroaniline	14.26	138	31093	3.95	ng	# 59
54) 2,4-Dinitrophenol	14.53	184	2306	7.70	ng	# 1
55) Dibenzofuran	14.77	168	164833	3.69	ng	# 1
56) 4-Nitrophenol	14.58	139	250385	36.86	ng	# 52
57) 2,4-Dinitrotoluene	14.77	165	118459	10.73	ng	# 60
58) Fluorene	15.42	166	364183	10.93	ng	# 80
65) 4,6-Dinitro-2-methylphenol	15.54	198	8878	6.78	ng	# 1
66) n-Nitrosodiphenylamine	15.63	169	963351	34.84	ng	# 45
71) Phenanthrene	17.16	178	1894230	39.95	ng	# 95
78) Pyrene	19.55	202	308609	5.07	ng	# 76

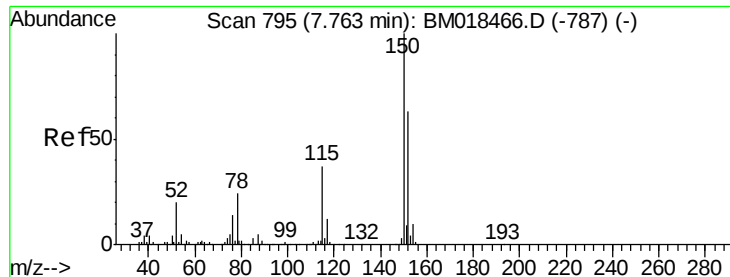
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018740.D
Acq On : 07 Feb 2019 16:41
Operator : JU/SJ
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QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

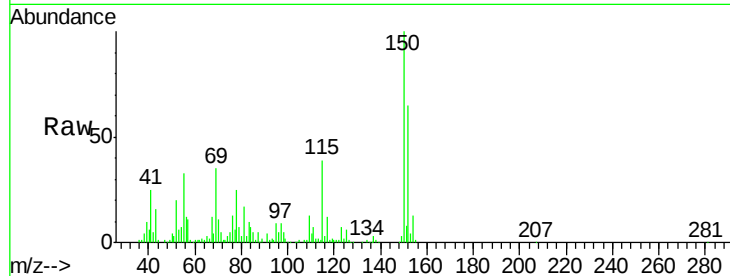


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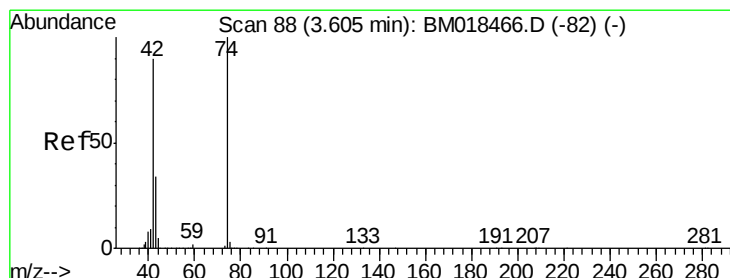
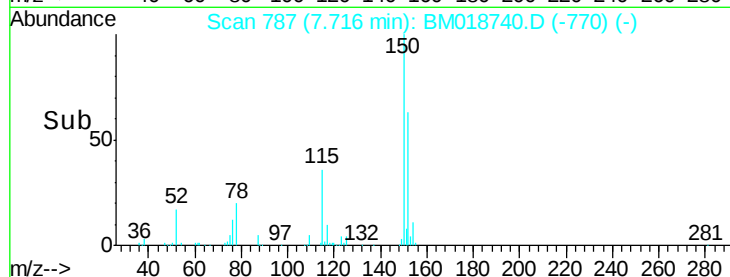
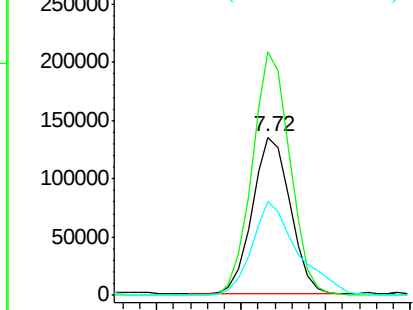
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampled :
SB-01(12-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	59.2	45.5	68.3



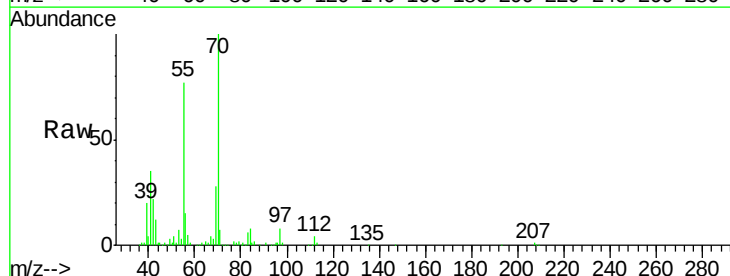
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



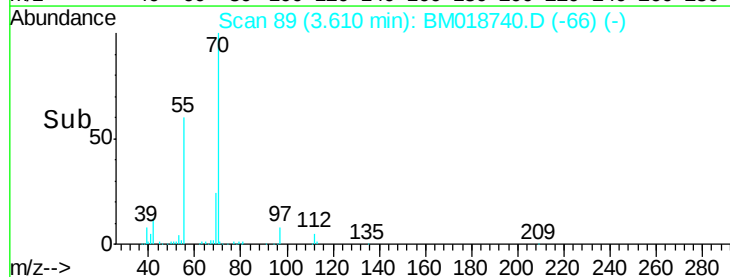
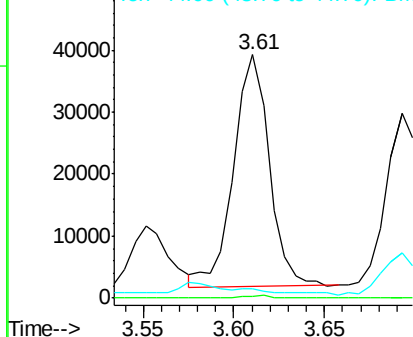
#4

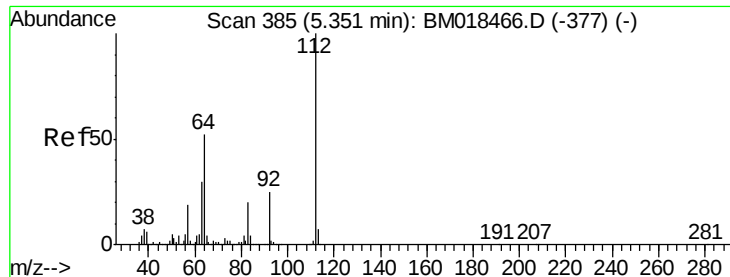
n-Nitrosodimethylamine
Concen: 10.68 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.04 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.9	88.6	132.8#
44	3.8	16.9	25.3#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 150.71 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

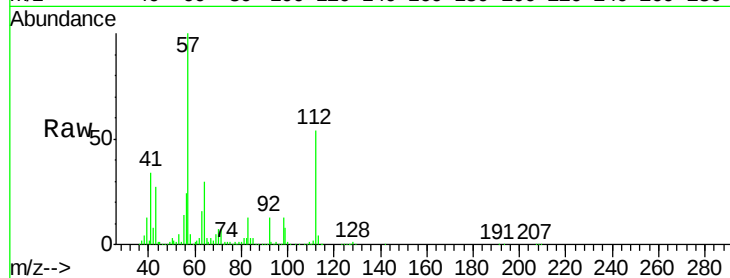
Tot Ion:112 Resp: 1719292

Ion Ratio Lower Upper

112 100

64 55.0 46.5 69.7

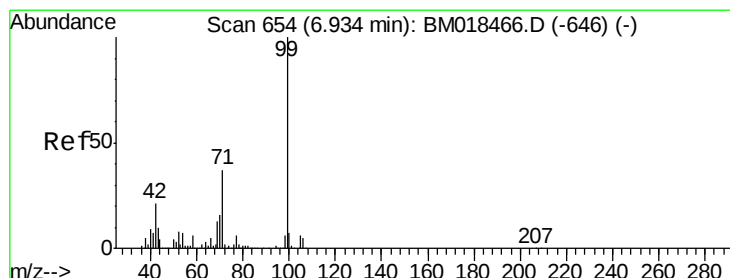
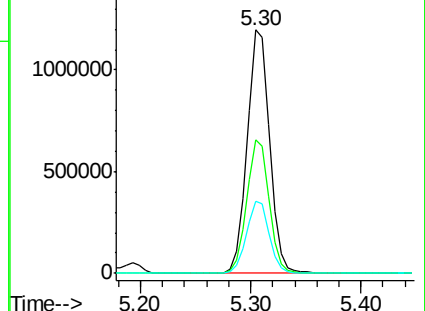
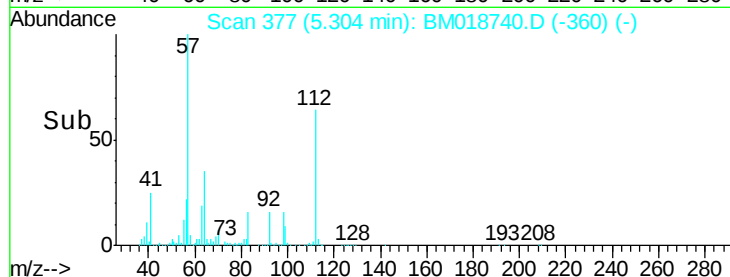
63 29.7 25.2 37.8



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: 152.60 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

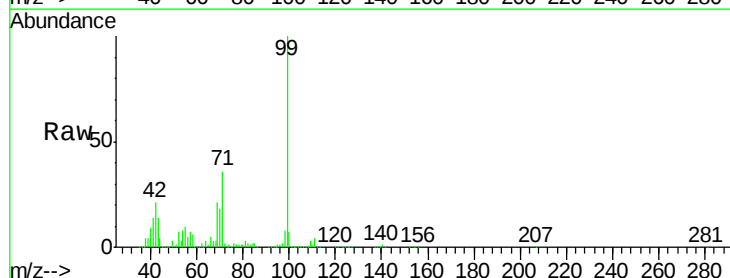
Tgt Ion: 99 Resp: 2211162

Ion Ratio Lower Upper

99 100

42 20.7 17.3 25.9

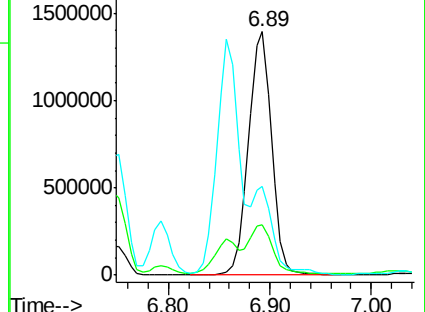
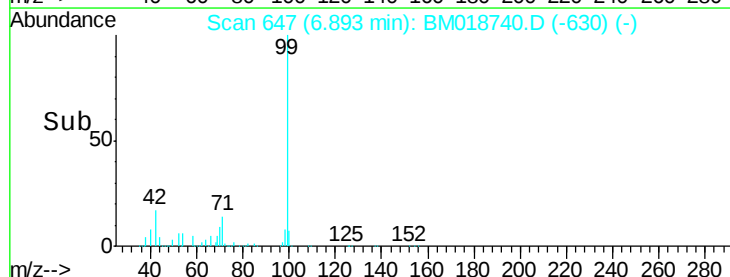
71 36.4 28.0 42.0

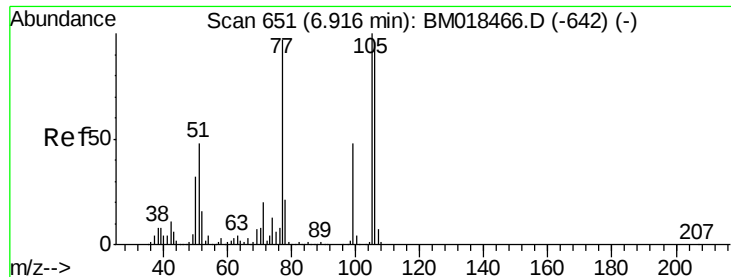


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 6.16 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

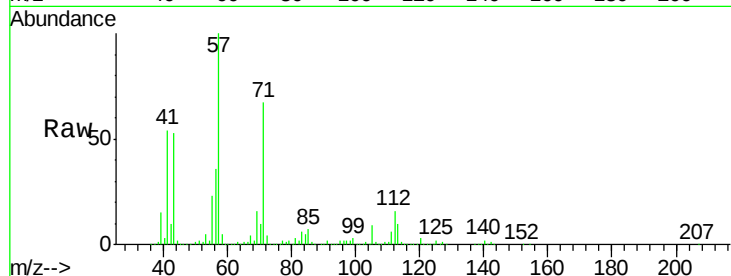
Tot Ion: 77 Resp: 65093

Ion Ratio Lower Upper

77 100

105 465.1 79.7 119.7#

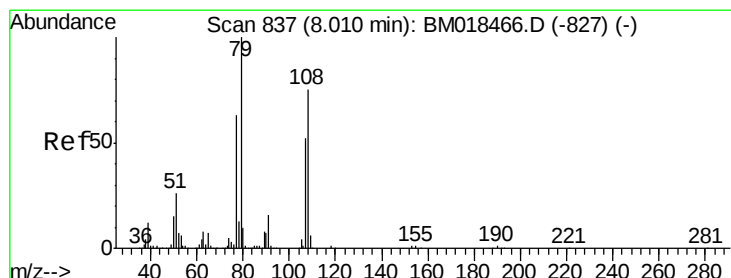
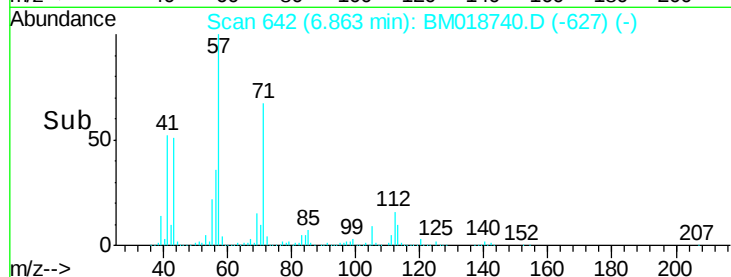
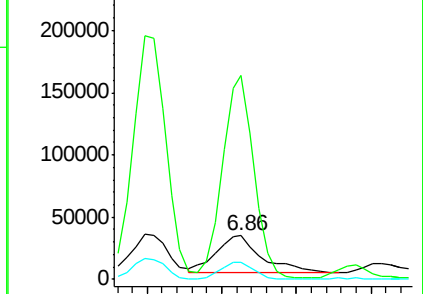
106 39.5 75.2 115.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018740.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018740.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018740.D (-642) (-)



#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

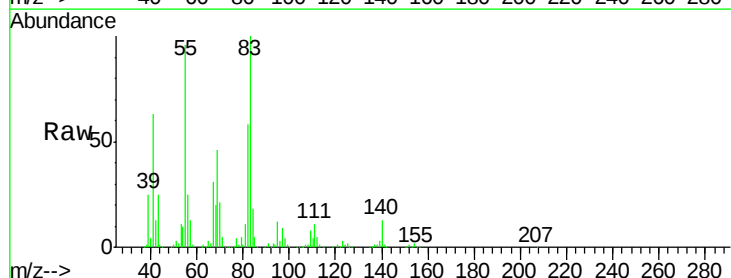
Tgt Ion: 79 Resp: 34608

Ion Ratio Lower Upper

79 100

108 14.8 60.4 90.6#

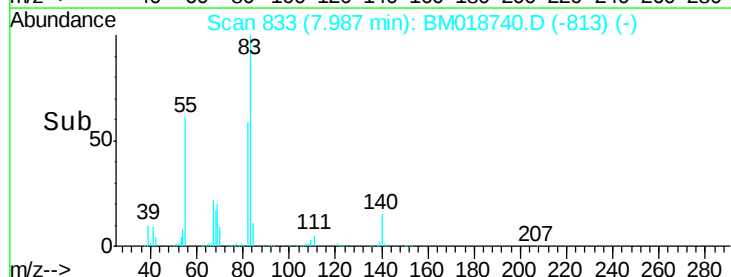
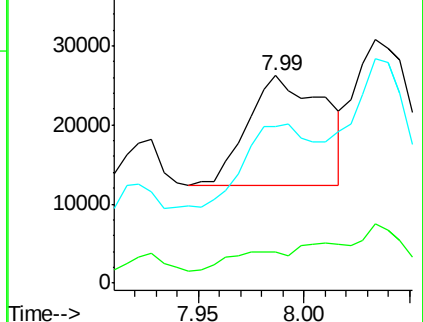
77 75.5 53.4 80.2

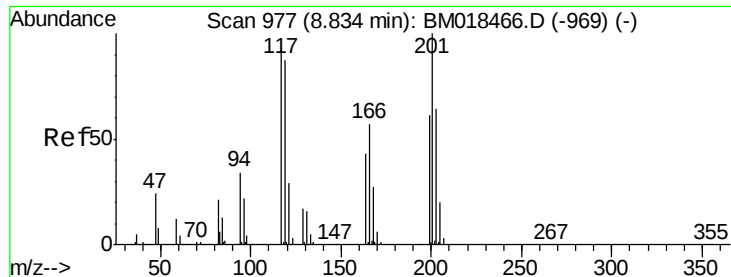


Abundance Ion 79.00 (78.70 to 79.70): BM018740.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM018740.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM018740.D (-813) (-)

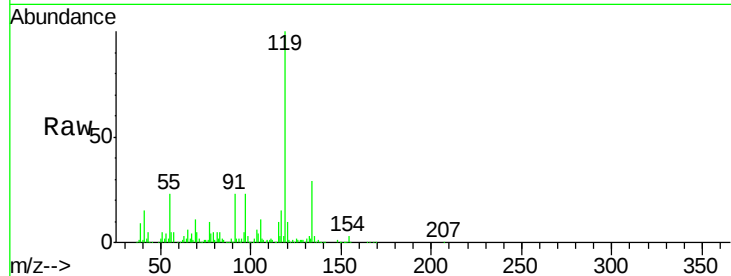




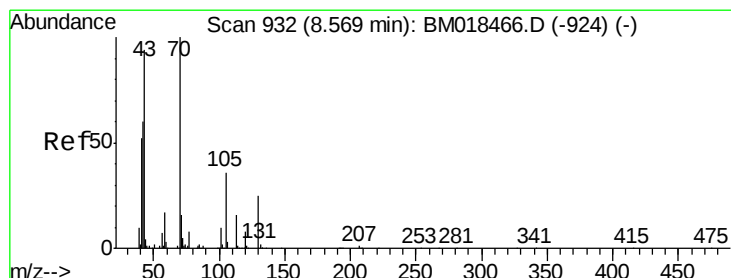
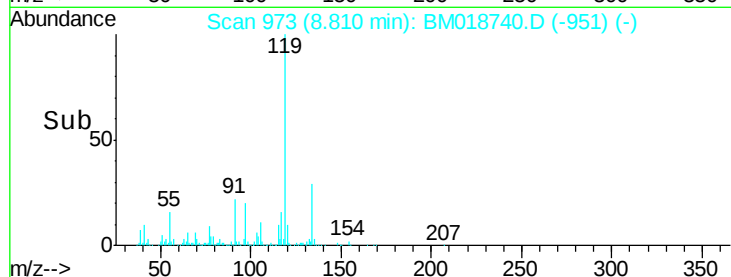
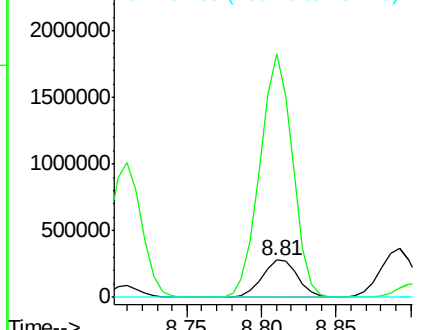
#18
Hexachloroethane
Concen: 79.41 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.03 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tot Ion:117 Resp: 455375
Ion Ratio Lower Upper
117 100
119 652.7 78.3 117.5#
201 0.0 81.4 122.0#

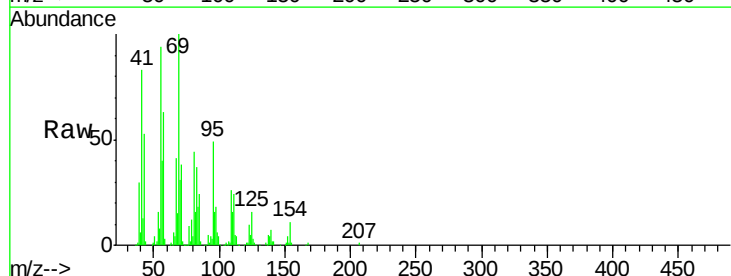


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

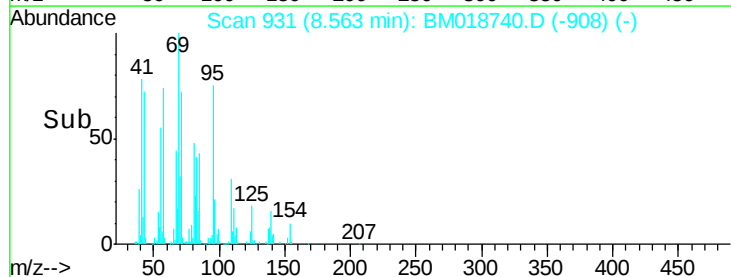
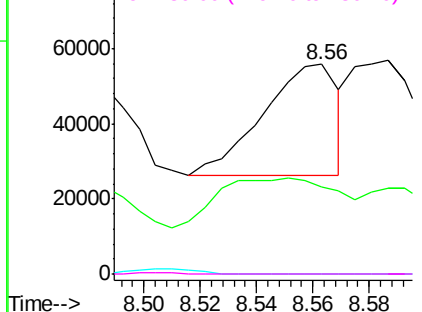


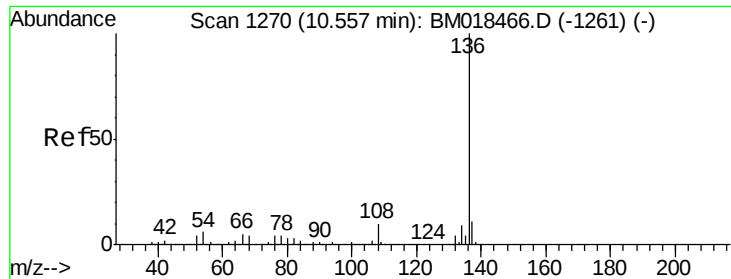
#19
n-Nitroso-di-n-propylamine
Concen: 5.86 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.04 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion: 70 Resp: 55271
Ion Ratio Lower Upper
70 100
42 41.7 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#



Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

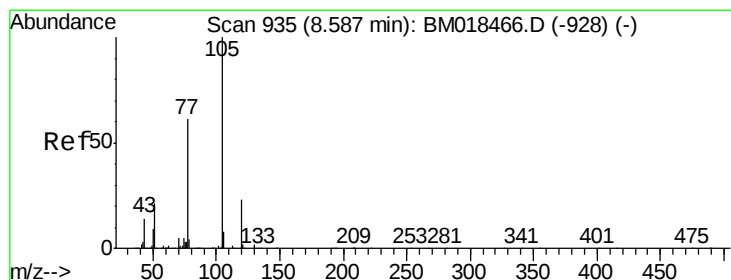
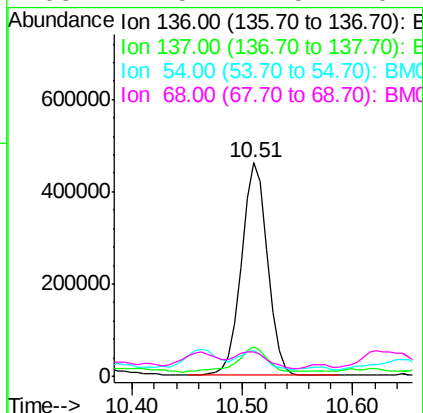
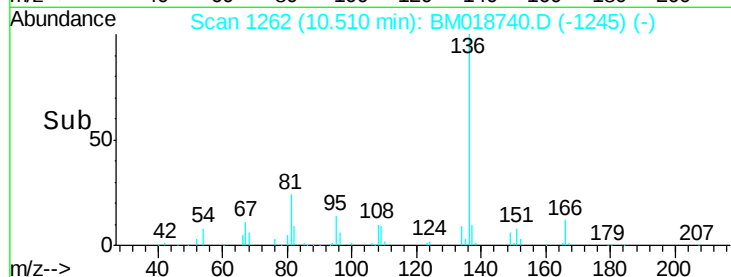
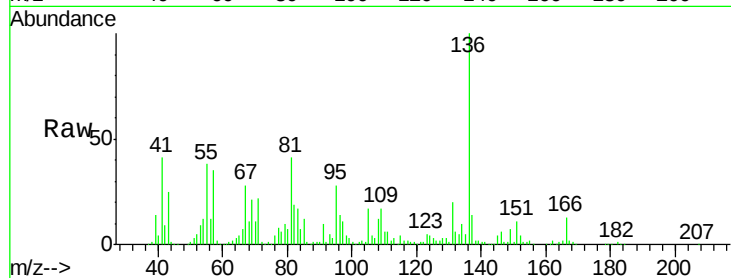




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

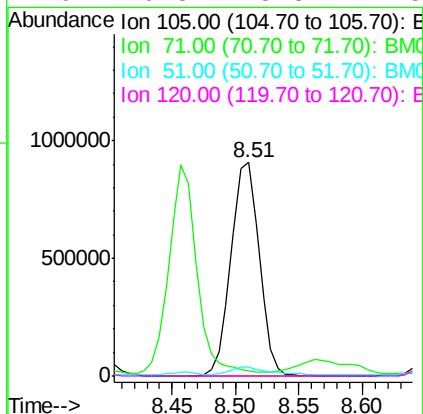
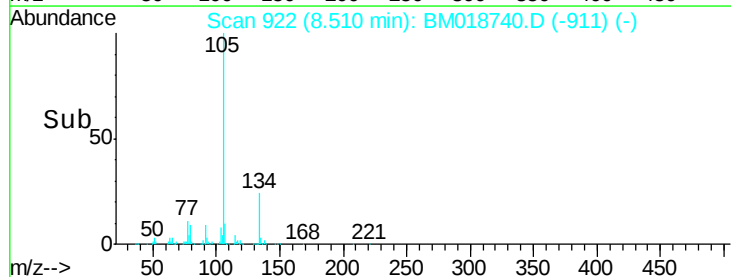
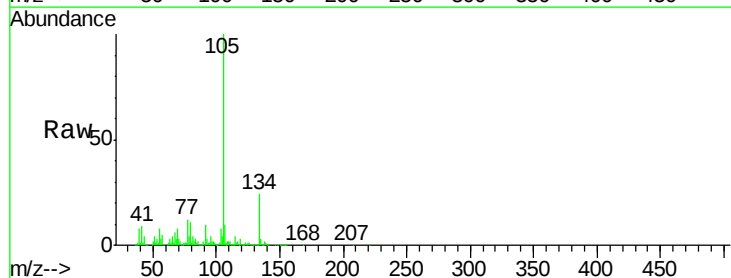
Instrument :
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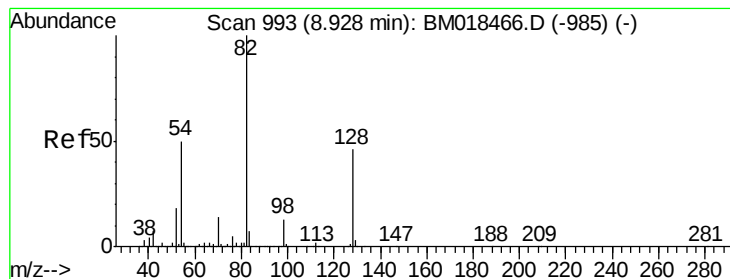
Tot Ion:136	Resp:	767791
Ion Ratio	Lower	Upper
136	100	
137	13.8	8.5 12.7#
54	12.1	6.0 9.0#
68	11.5	4.5 6.7#



#22
Acetophenone
Concen: 73.44 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:105	Resp:	1394895
Ion Ratio	Lower	Upper
105	100	
71	2.2	1.7 2.5
51	4.1	22.6 34.0#
120	0.3	18.3 27.5#





#23

Nitrobenzene-d5

Concen: 106.51 ng

RT: 8.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampled :

SB-01(12-13)

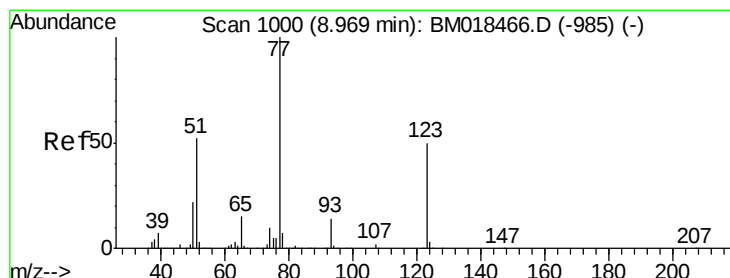
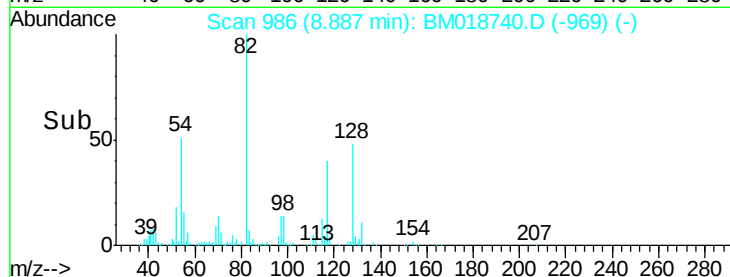
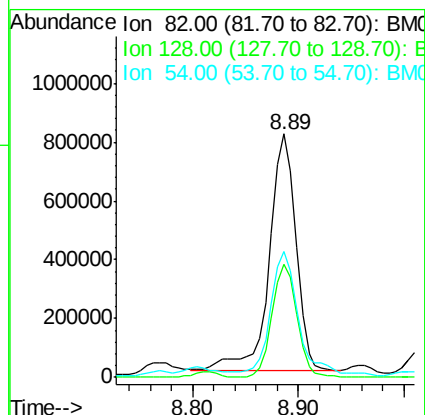
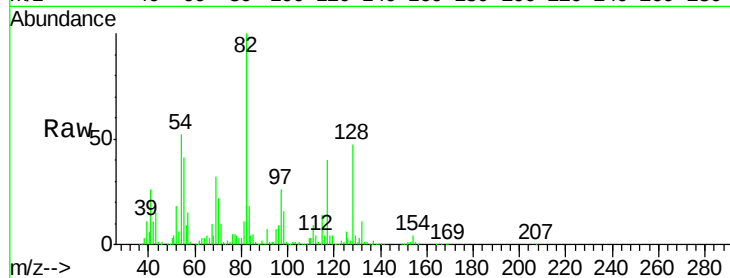
Tot Ion: 82 Resp: 1410659

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

54 51.6 41.7 62.5



#24

Nitrobenzene

Concen: 7.11 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

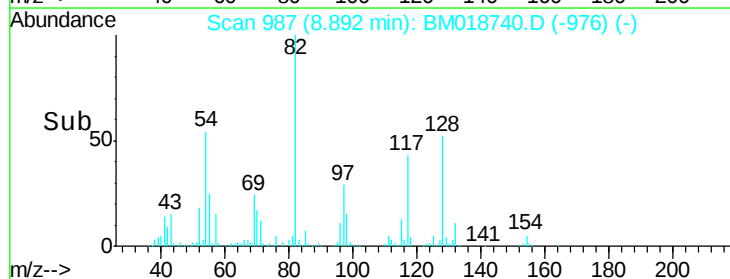
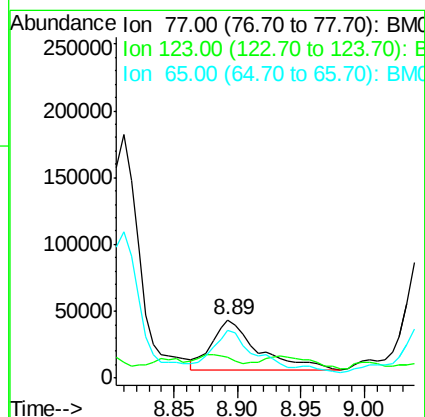
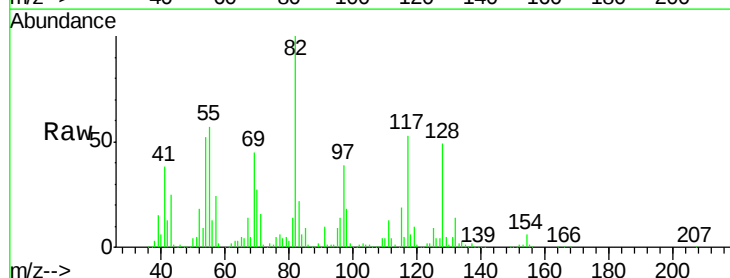
Tgt Ion: 77 Resp: 92618

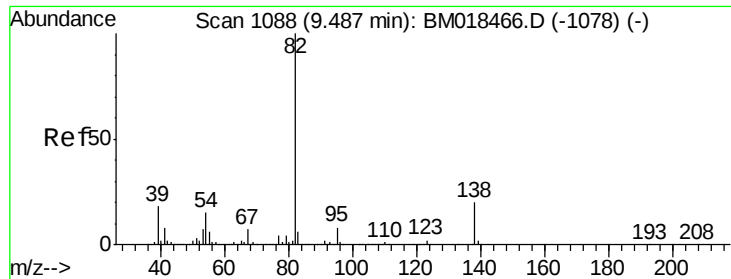
Ion Ratio Lower Upper

77 100

123 36.8 37.7 56.5#

65 80.9 11.0 16.6#





#25

Isophorone

Concen: 11.64 ng

RT: 9.42 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

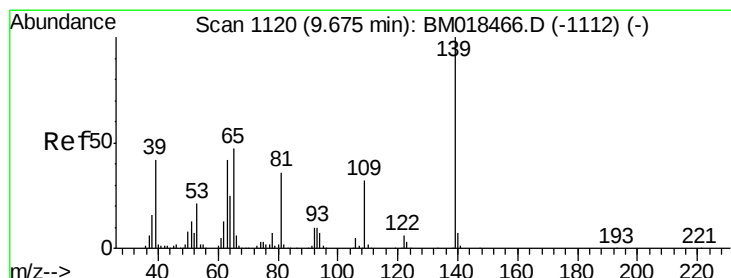
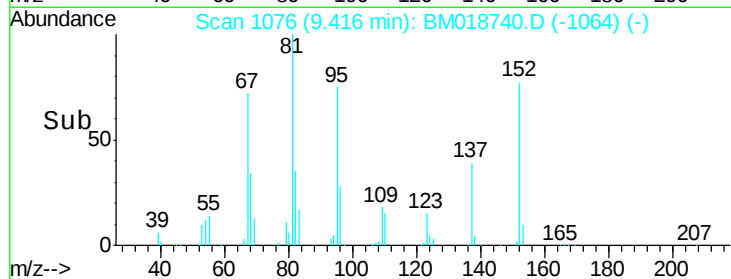
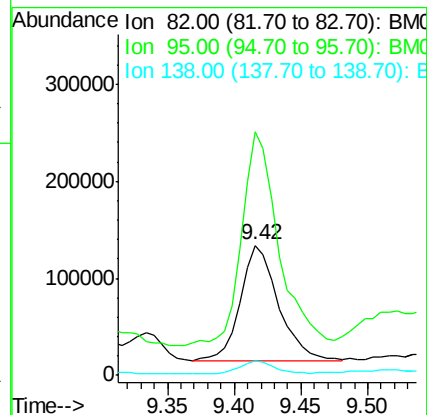
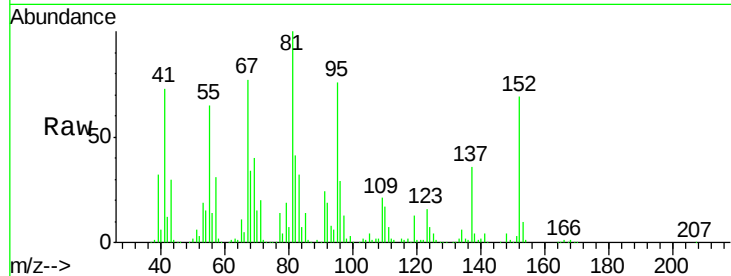
Tot Ion: 82 Resp: 233441

Ion Ratio Lower Upper

82 100

95 186.9 6.1 9.1#

138 10.8 15.1 22.7#



#26

2-Nitrophenol

Concen: 4.95 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

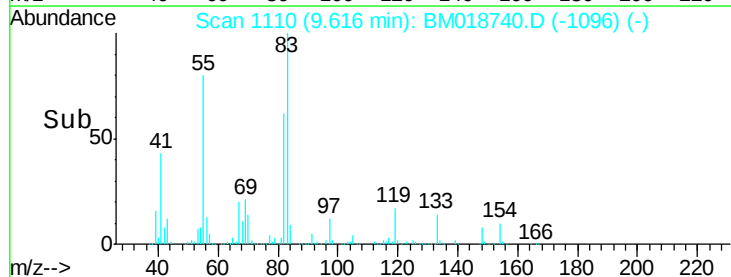
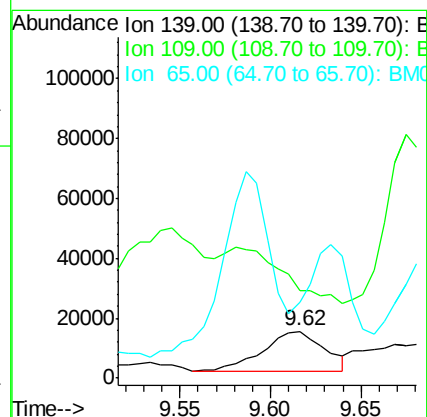
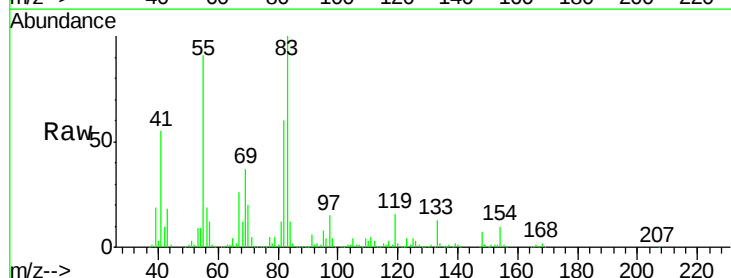
Tgt Ion: 139 Resp: 31219

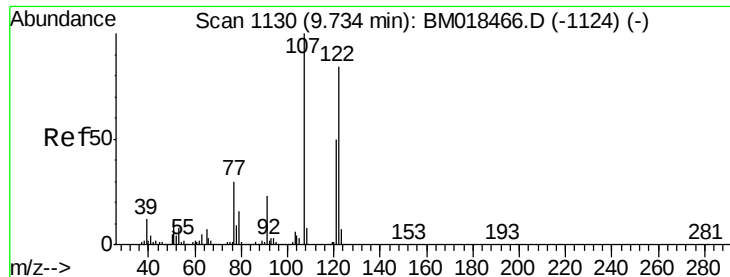
Ion Ratio Lower Upper

139 100

109 187.2 23.4 35.2#

65 162.3 39.4 59.2#

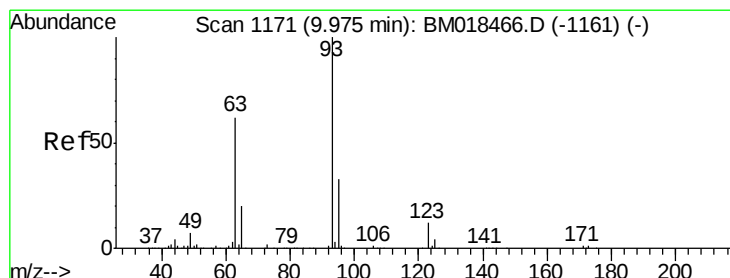
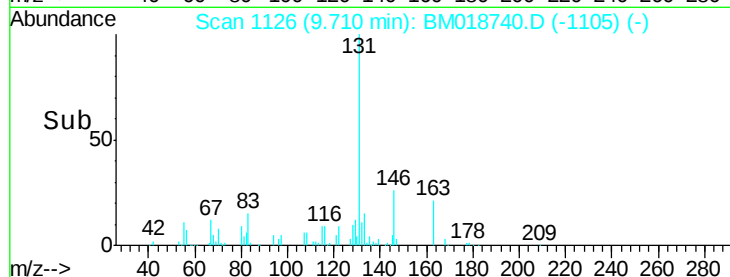
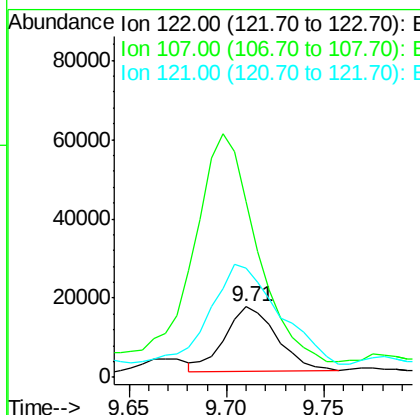
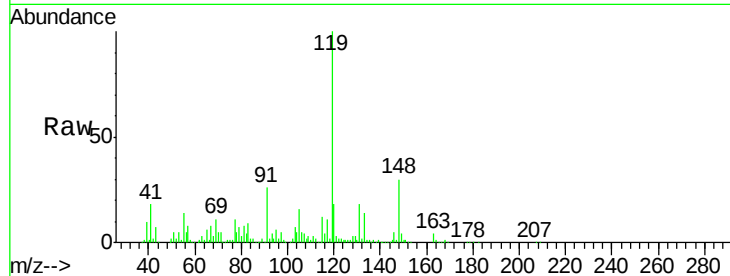




#27
 2,4-Dimethylphenol
 Concen: 3.24 ng
 RT: 9.71 min Scan# 1126
 Delta R.T. 0.02 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

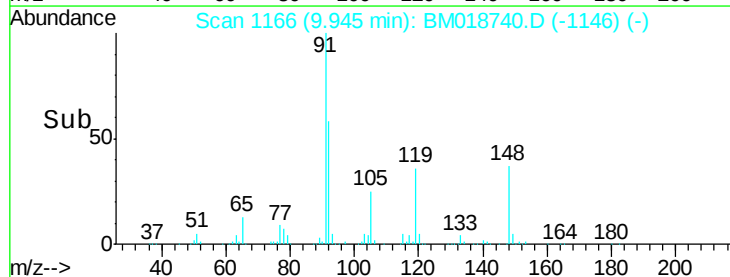
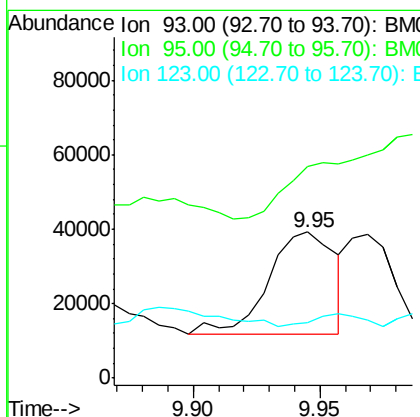
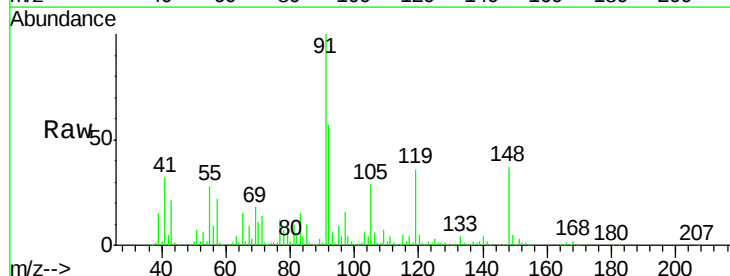
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

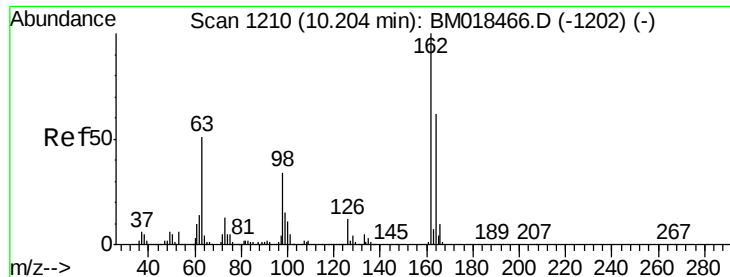
Tot Ion:122 Resp: 30561
 Ion Ratio Lower Upper
 122 100
 107 248.3 91.9 137.9#
 121 154.0 47.5 71.3#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.68 ng
 RT: 9.95 min Scan# 1166
 Delta R.T. 0.02 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion: 93 Resp: 51053
 Ion Ratio Lower Upper
 93 100
 95 145.2 26.6 39.8#
 123 38.2 9.9 14.9#

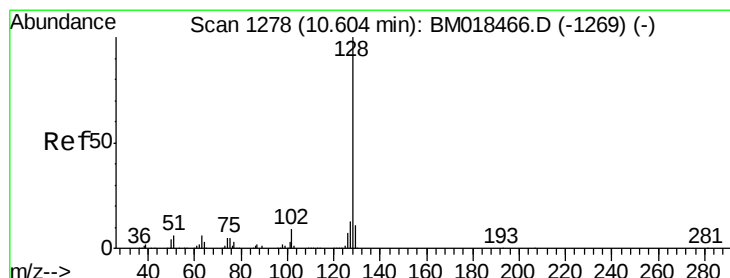
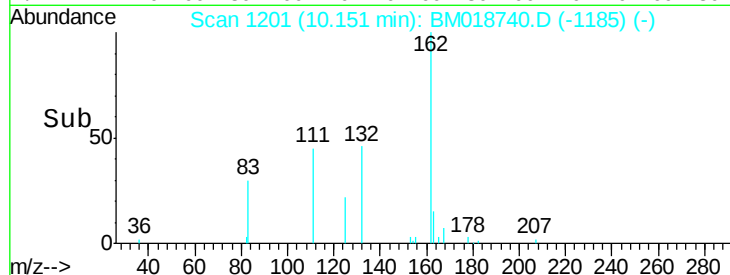
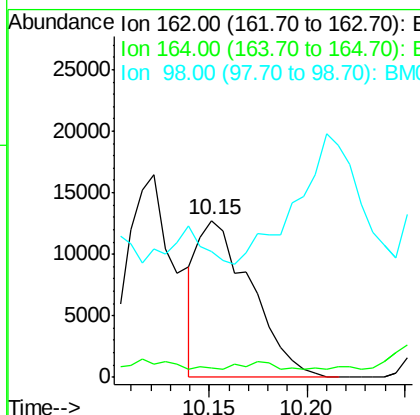
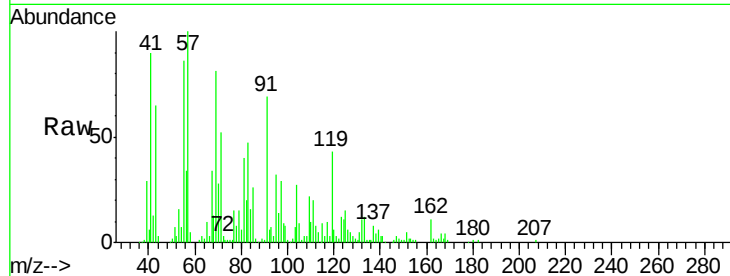




#29
2,4-Dichlorophenol
Concen: 2.16 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

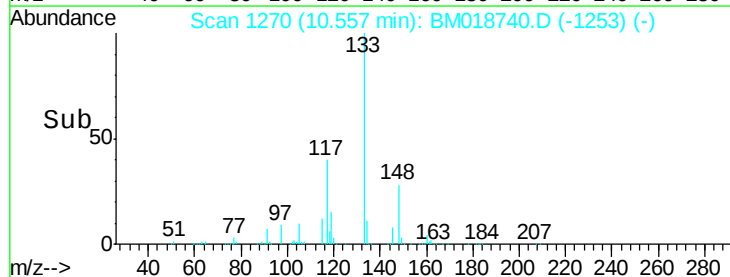
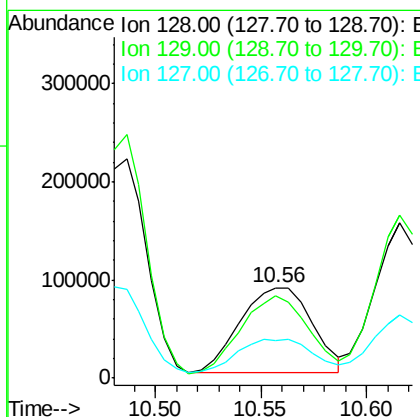
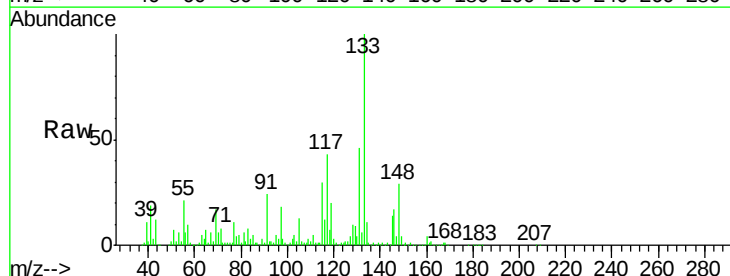
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

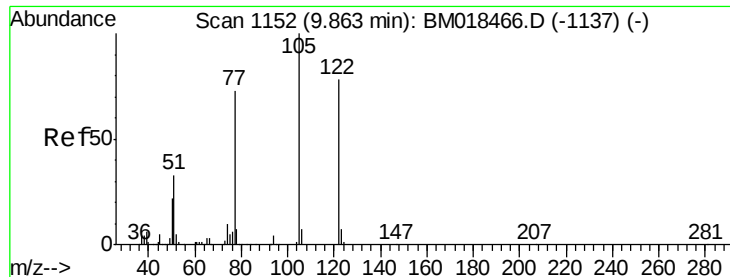
Tot Ion:162 Resp: 24255
Ion Ratio Lower Upper
162 100
164 5.6 45.6 85.6#
98 80.2 14.7 54.7#



#31
Naphthalene
Concen: 5.48 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:128 Resp: 202751
Ion Ratio Lower Upper
128 100
129 92.0 8.7 13.1#
127 42.3 10.8 16.2#





#32

Benzoic acid

Concen: 6.75 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

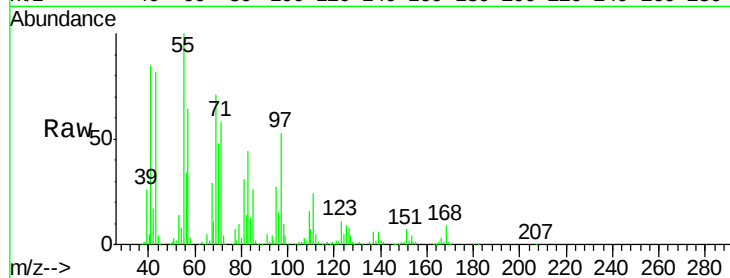
Tot Ion:122 Resp: 1789

Ion Ratio Lower Upper

122 100

105 95.1 100.4 140.4#

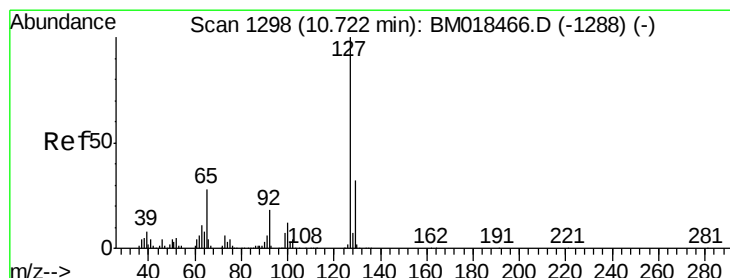
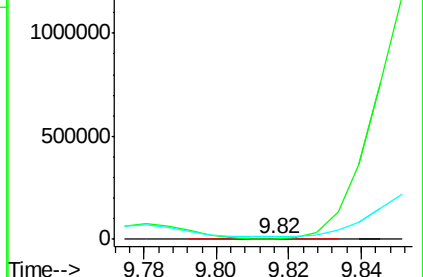
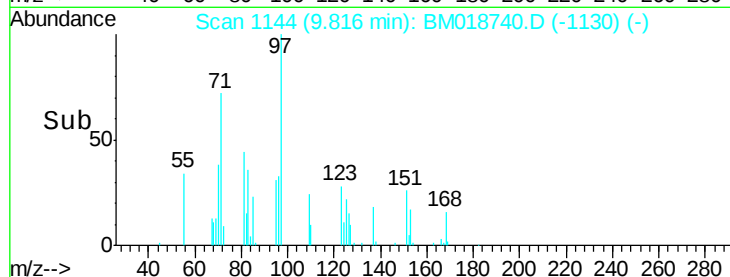
77 483.0 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#33

4-Chloroaniline

Concen: 2.15 ng

RT: 10.72 min Scan# 1297

Delta R.T. 0.04 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Tgt Ion:127 Resp: 31361

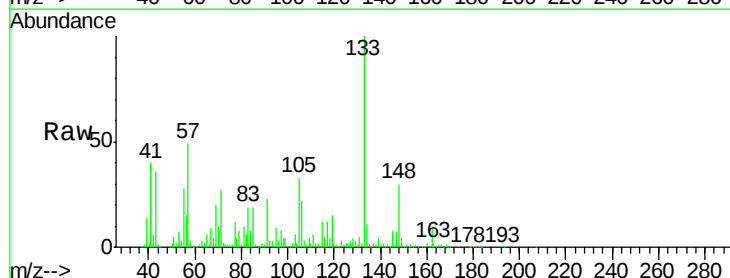
Ion Ratio Lower Upper

127 100

129 91.7 25.9 38.9#

65 194.7 23.4 35.2#

92 87.1 14.5 21.7#

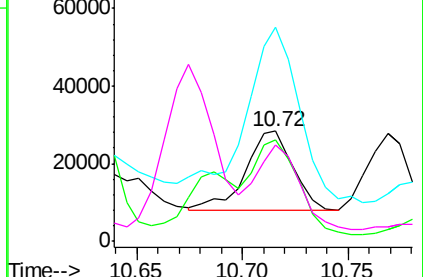
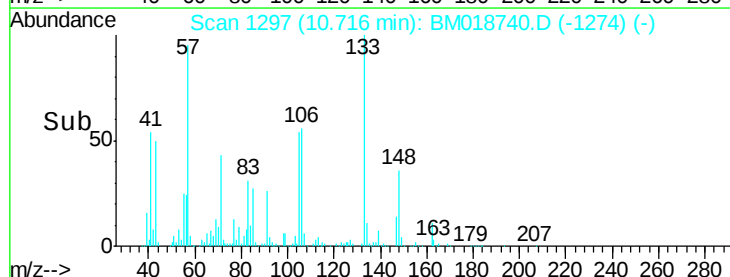


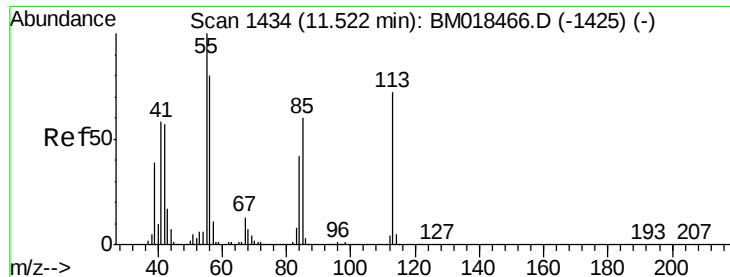
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM





#35

Caprolactam

Concen: 105.51 ng

RT: 11.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

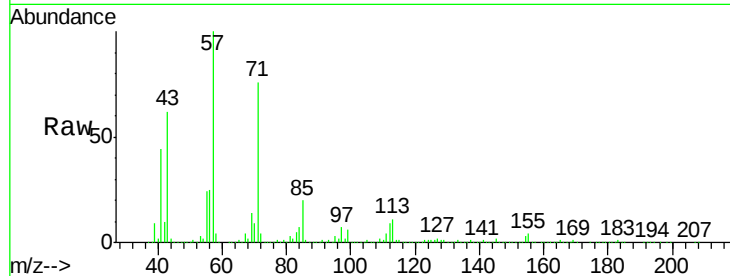
Tot Ion:113 Resp: 403444

Ion Ratio Lower Upper

113 100

55 212.6 139.3 179.3#

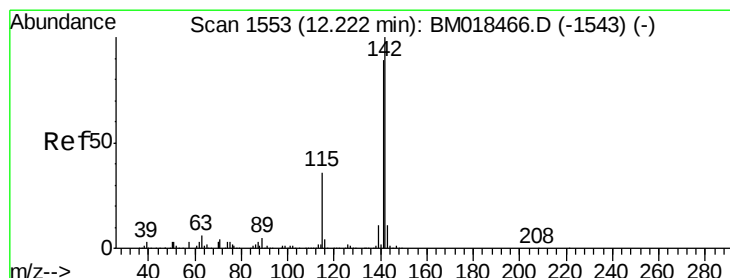
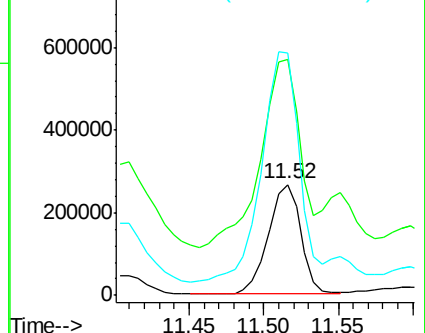
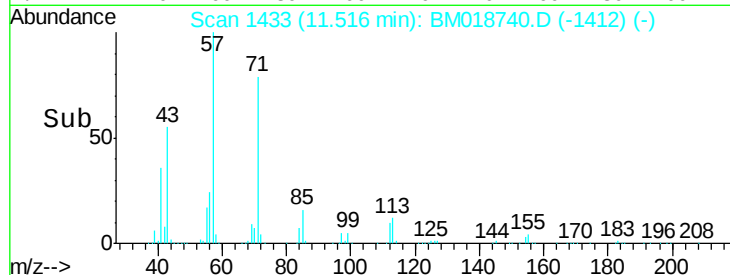
56 218.2 101.4 141.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

2-Methylnaphthalene

Concen: 16.02 ng

RT: 12.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

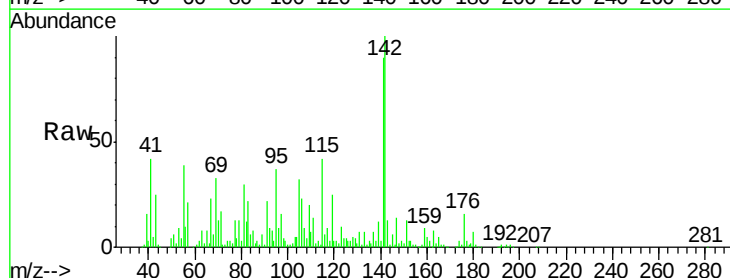
Tgt Ion:142 Resp: 418506

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

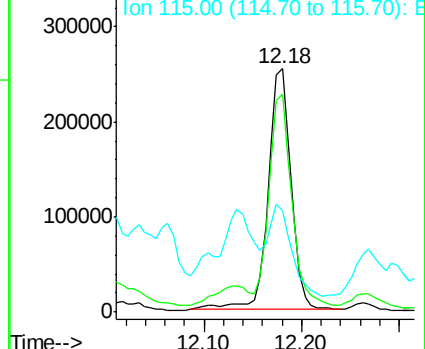
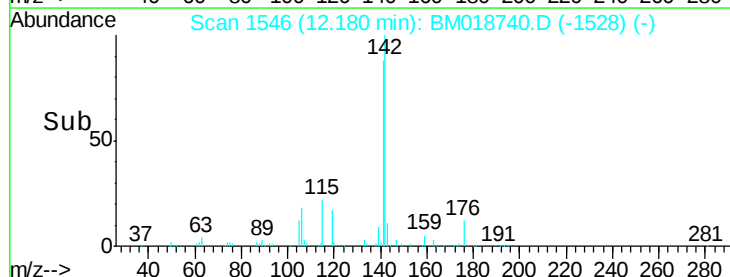
115 41.8 28.0 42.0

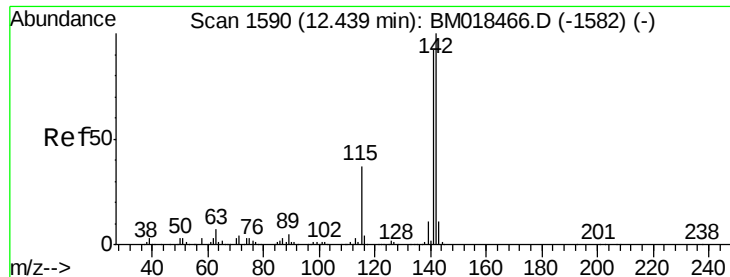


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 8.63 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

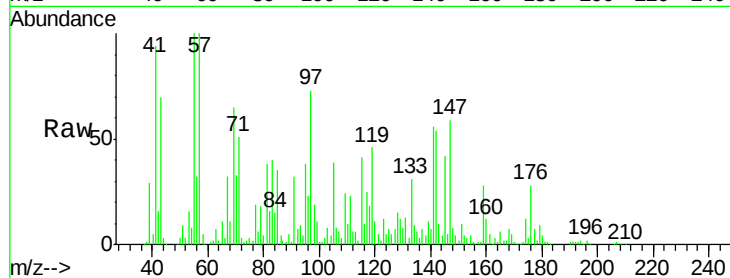
Tot Ion:142 Resp: 218173

Ion Ratio Lower Upper

142 100

141 104.3 75.6 113.4

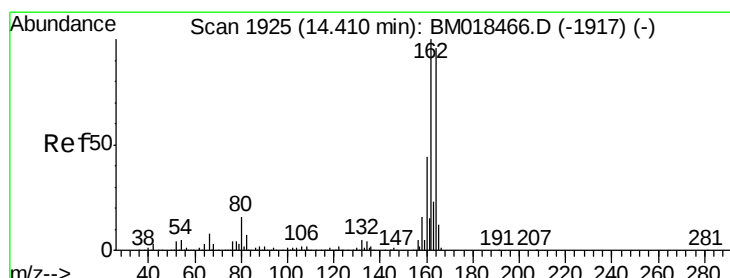
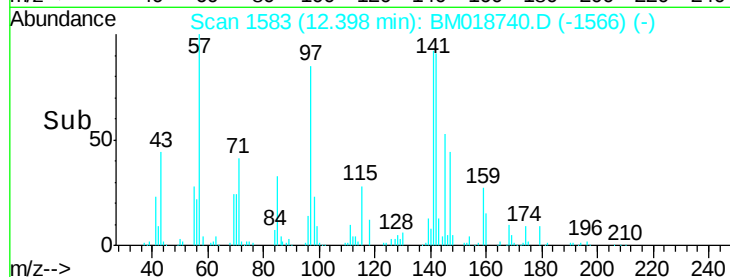
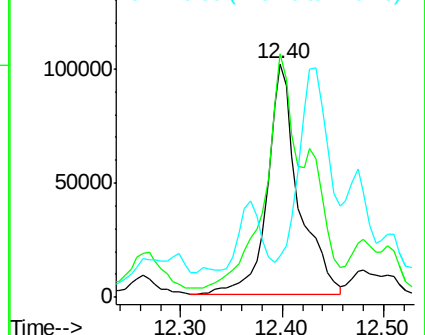
116 18.0 3.0 4.6#



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: 20.00 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

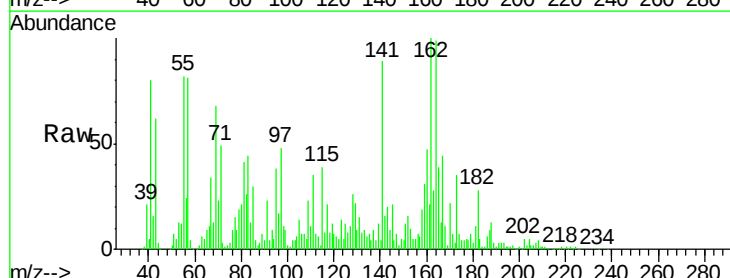
Tgt Ion:164 Resp: 448391

Ion Ratio Lower Upper

164 100

162 101.3 83.0 124.4

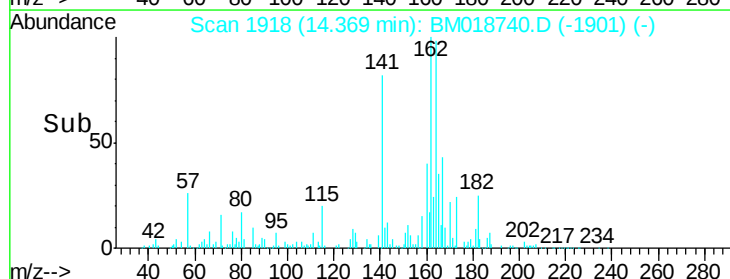
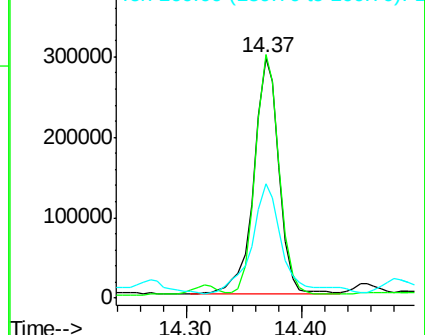
160 47.4 37.1 55.7

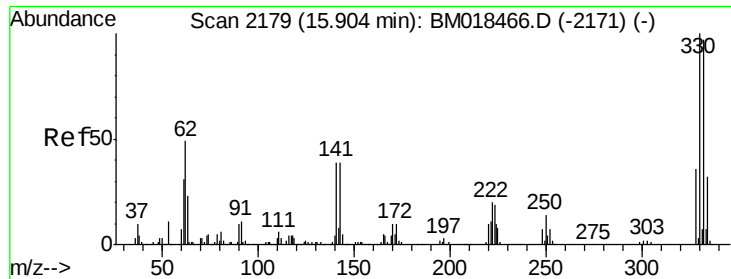


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

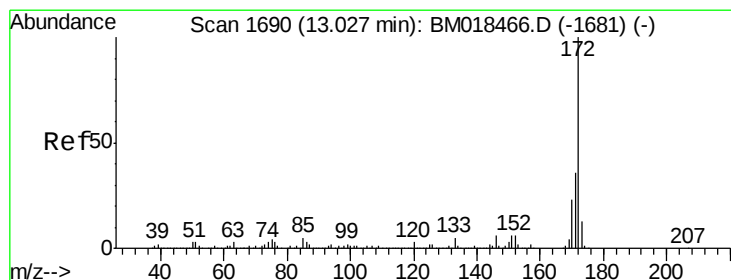
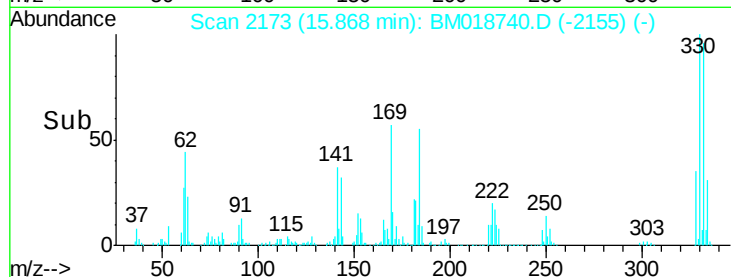
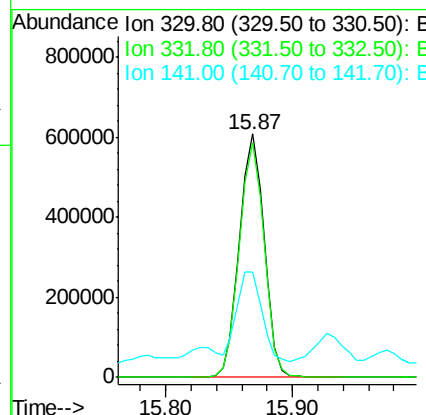
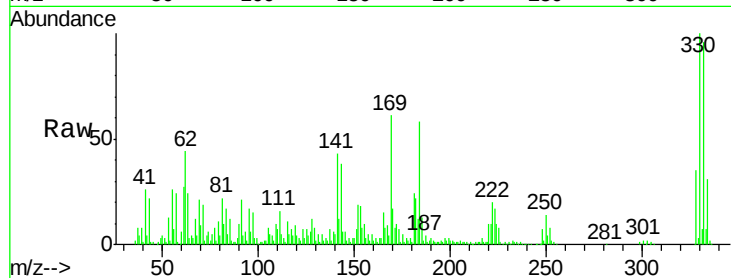




#42
 2,4,6-Tribromophenol
 Concen: 144.19 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

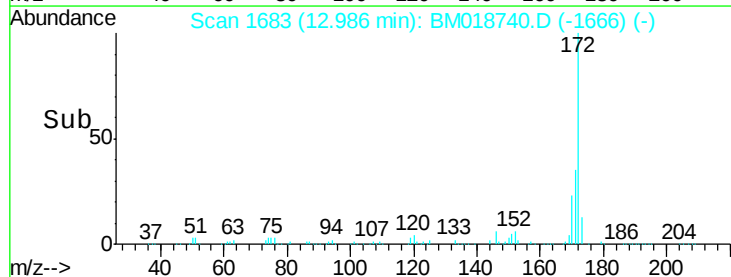
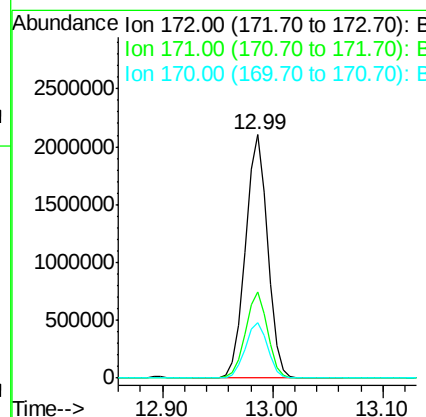
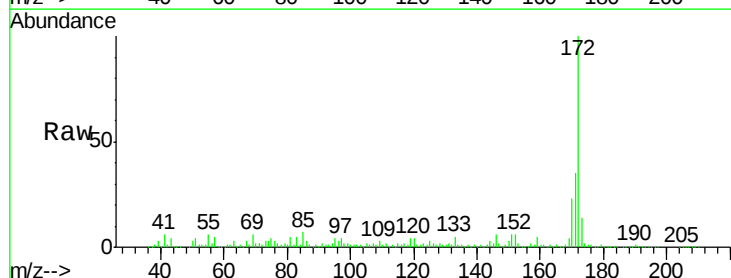
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

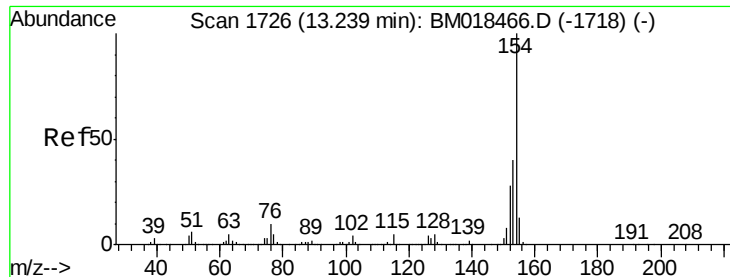
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	36.9	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	22.9	18.9	28.3





#46

1,1'-Biphenyl

Concen: 5.05 ng

RT: 13.20 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

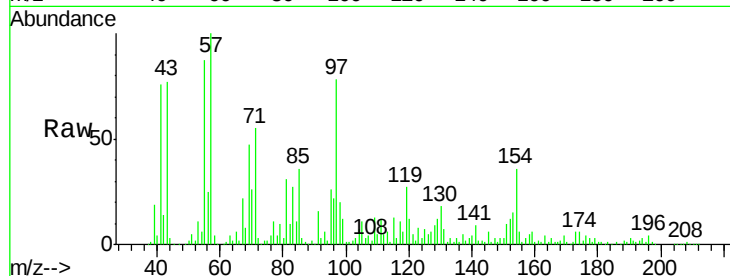
Tot Ion:154 Resp: 197881

Ion Ratio Lower Upper

154 100

153 42.5 20.5 60.5

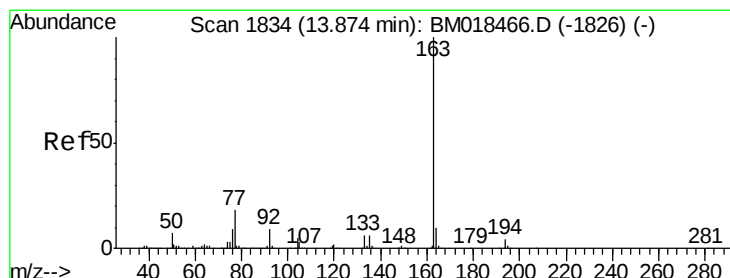
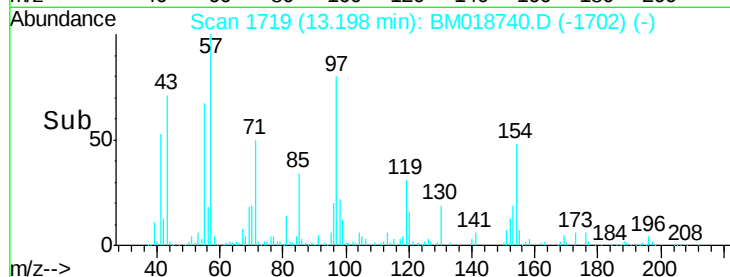
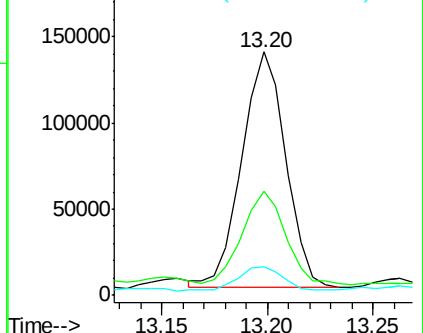
76 11.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50

Dimethylphthalate

Concen: 5.65 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

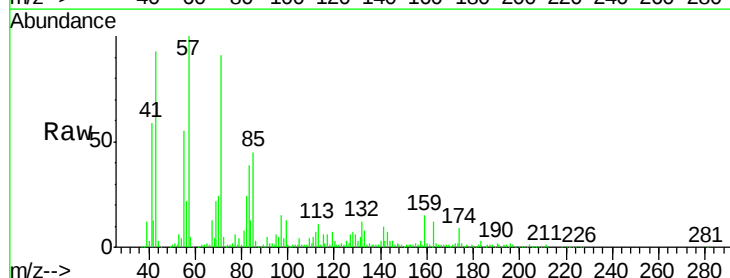
Tgt Ion:163 Resp: 208246

Ion Ratio Lower Upper

163 100

194 7.1 3.0 4.6#

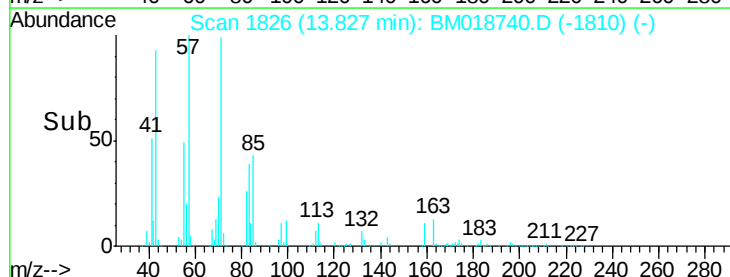
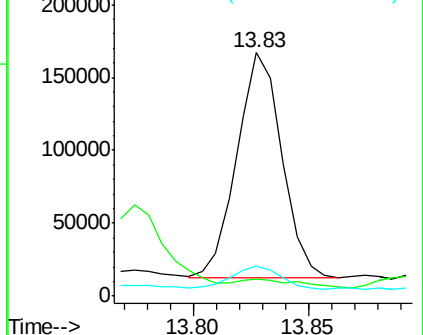
164 12.2 7.8 11.8#

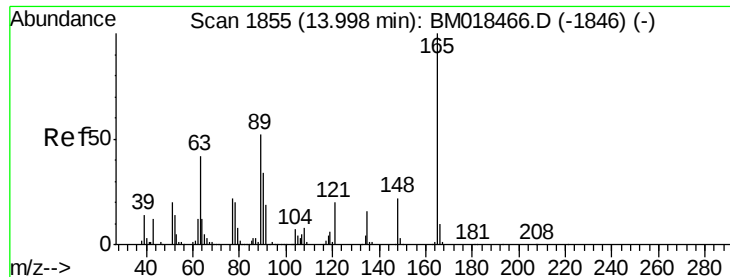


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 2.31 ng

RT: 13.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

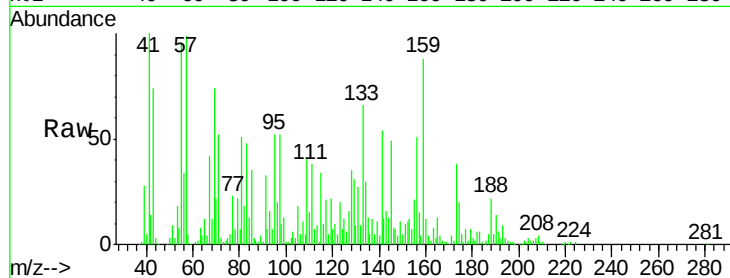
Tot Ion:165 Resp: 18055

Ion Ratio Lower Upper

165 100

63 58.3 45.6 68.4

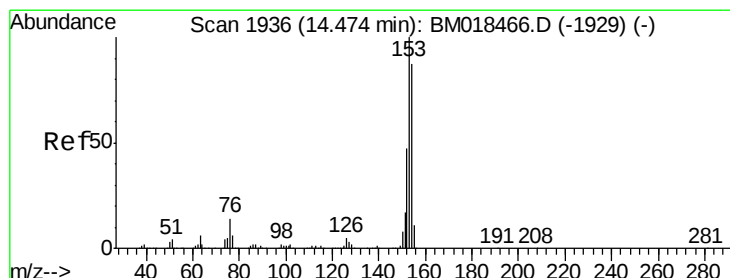
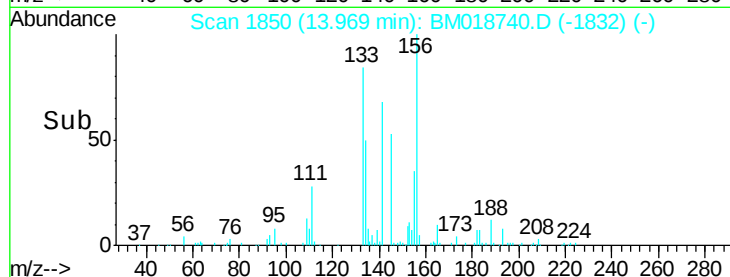
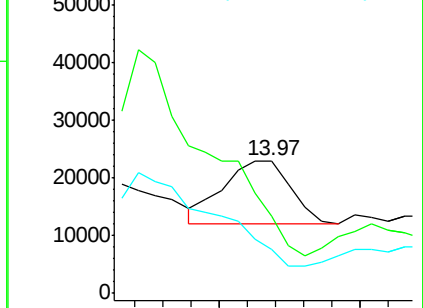
89 33.5 44.6 66.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 5.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

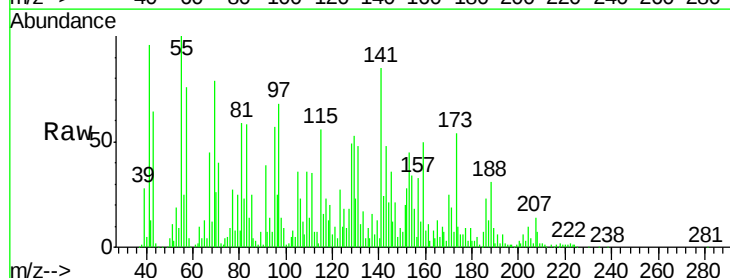
Tgt Ion:154 Resp: 135397

Ion Ratio Lower Upper

154 100

153 133.3 92.3 138.5

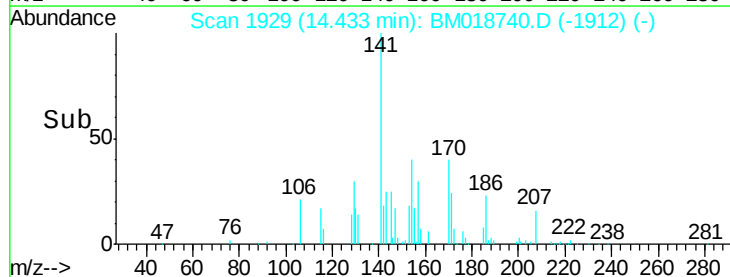
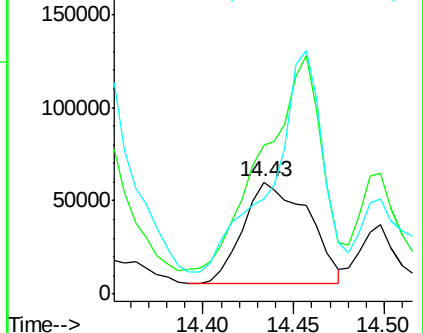
152 85.0 43.8 65.6#

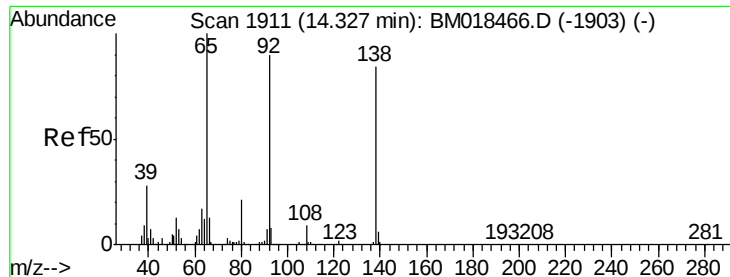


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

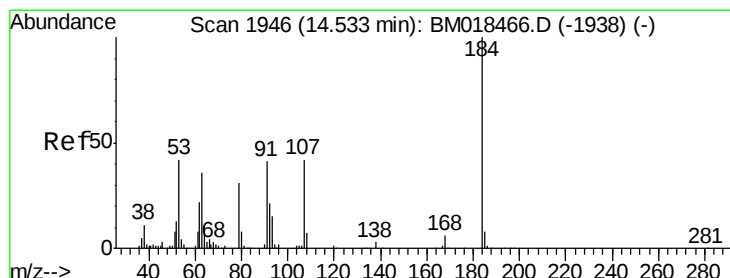
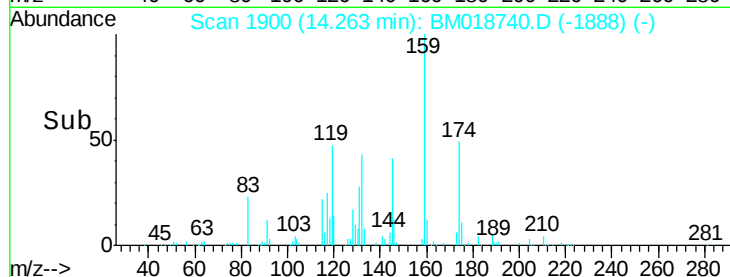
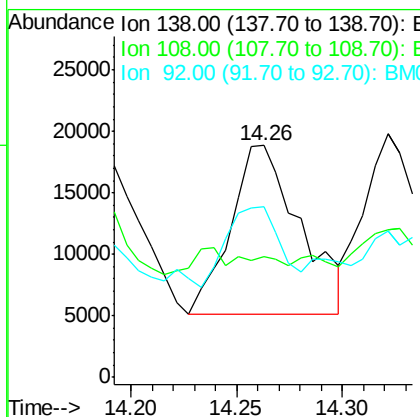
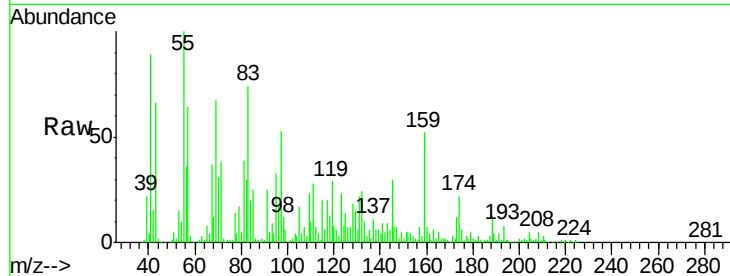




#53
3-Nitroaniline
Concen: 3.95 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

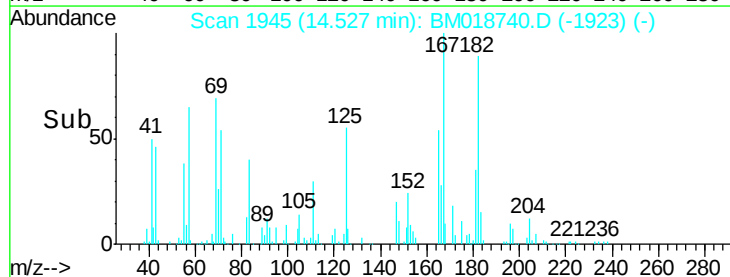
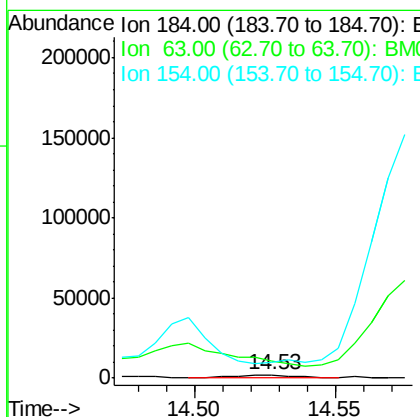
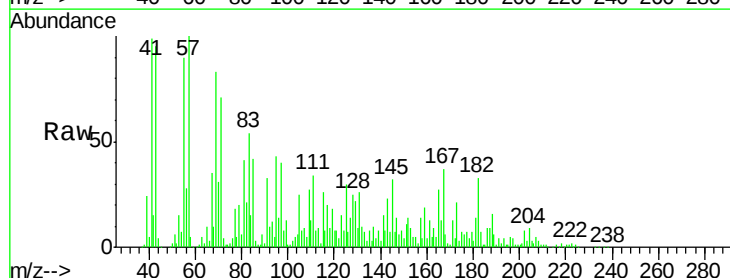
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

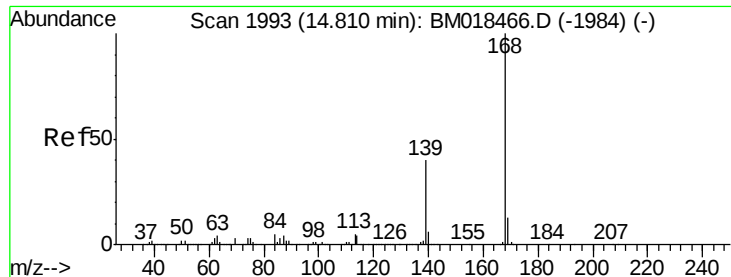
Tot Ion:138 Resp: 31093
Ion Ratio Lower Upper
138 100
108 52.1 9.1 13.7#
92 73.5 88.2 132.2#



#54
2,4-Dinitrophenol
Concen: 7.70 ng
RT: 14.53 min Scan# 1945
Delta R.T. 0.03 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:184 Resp: 2306
Ion Ratio Lower Upper
184 100
63 520.3 55.9 83.9#
154 488.5 54.2 81.4#





#55

Dibenzofuran

Concen: 3.69 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

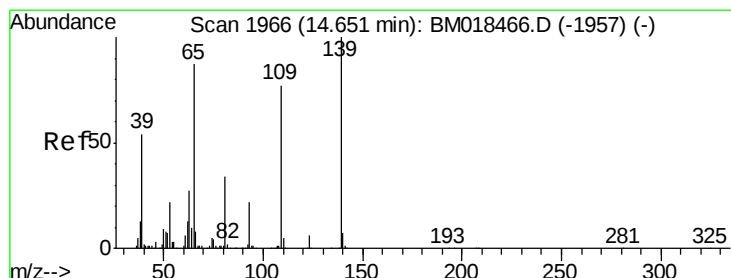
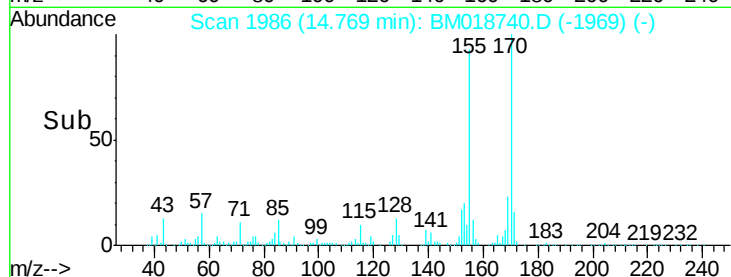
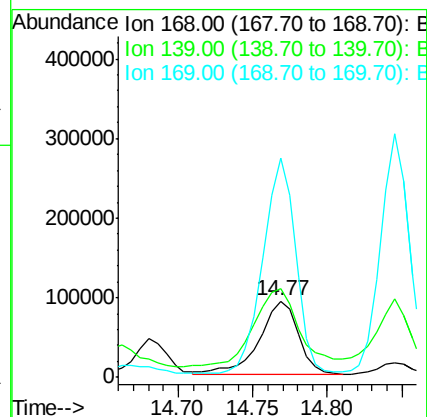
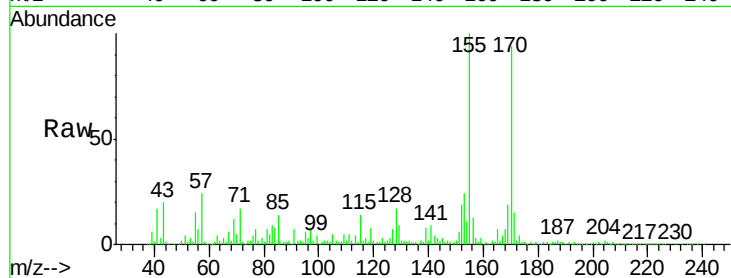
Tot Ion:168 Resp: 164833

Ion Ratio Lower Upper

168 100

139 116.8 30.3 45.5#

169 288.0 10.6 16.0#



#56

4-Nitrophenol

Concen: 36.86 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

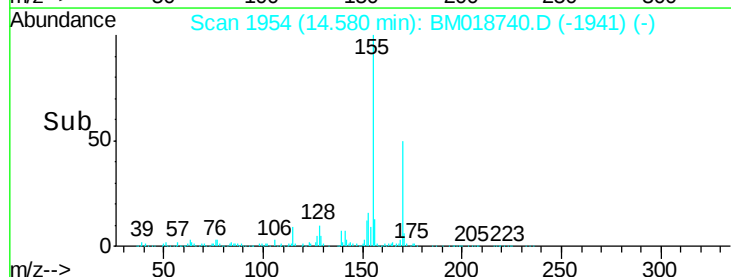
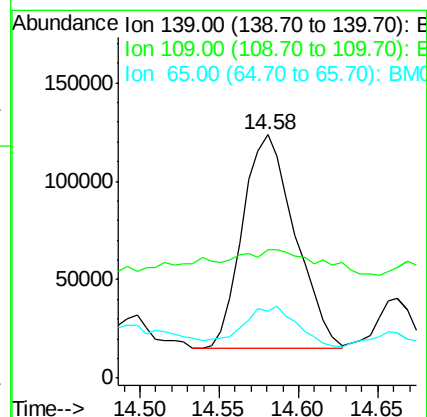
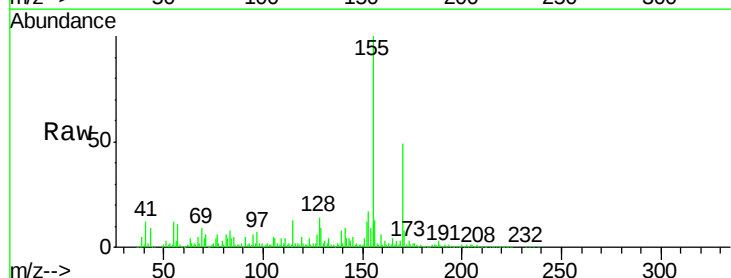
Tgt Ion:139 Resp: 250385

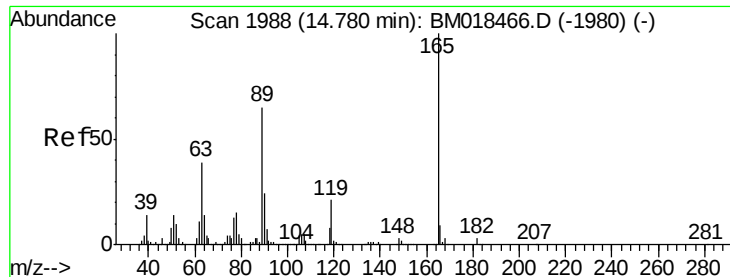
Ion Ratio Lower Upper

139 100

109 52.5 51.7 91.7

65 27.4 71.4 111.4#





#57

2,4-Dinitrotoluene

Concen: 10.73 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)

Tot Ion:165 Resp: 118459

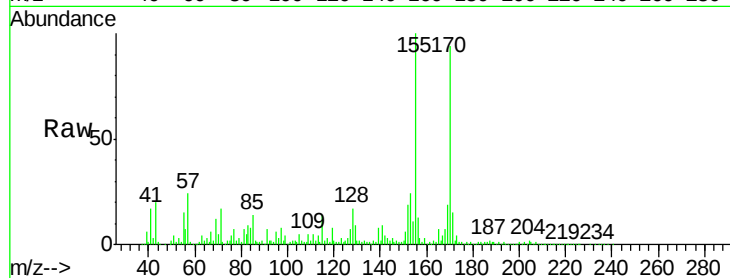
Ion Ratio Lower Upper

165 100

63 66.4 32.2 48.2#

89 33.6 52.1 78.1#

182 9.5 2.5 3.7#

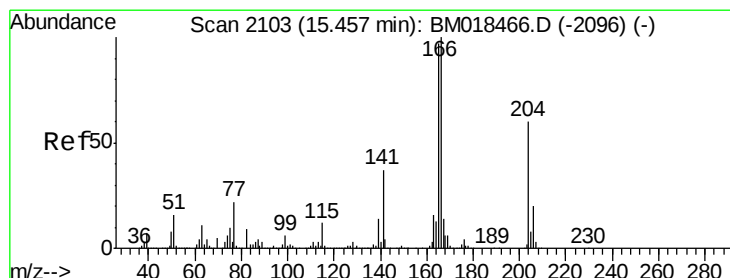
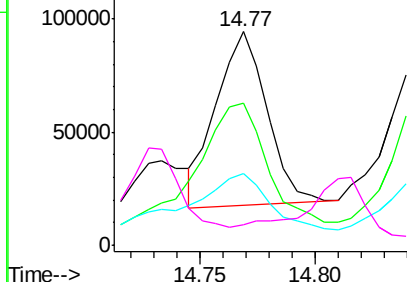
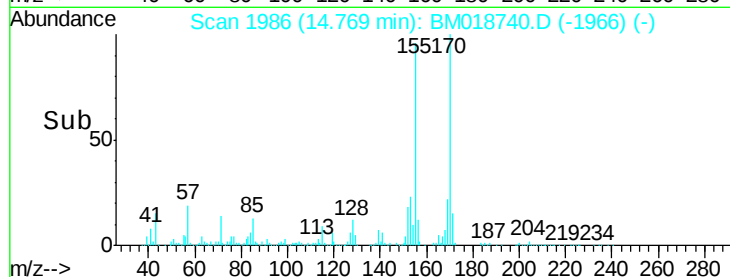


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 10.93 ng

RT: 15.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM018740.D

Acq: 07 Feb 2019 16:41

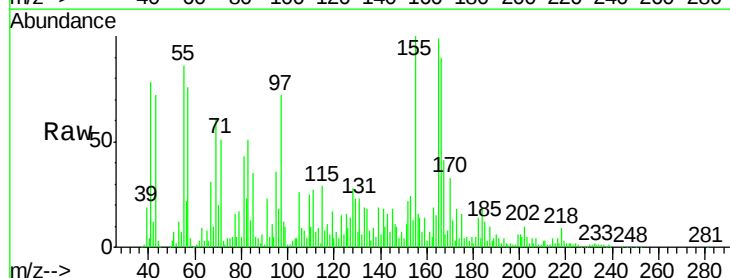
Tgt Ion:166 Resp: 364183

Ion Ratio Lower Upper

166 100

165 109.7 78.3 117.5

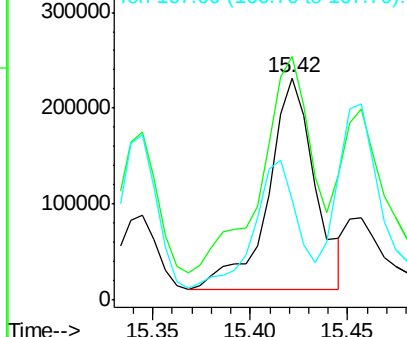
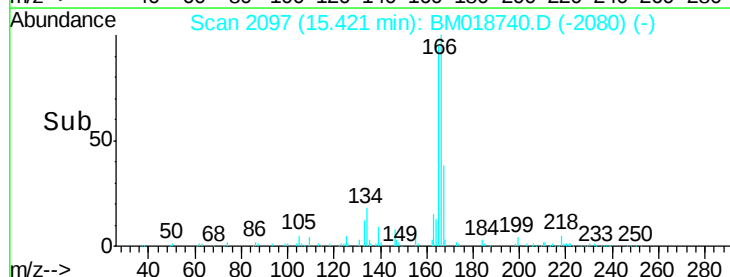
167 45.3 10.9 16.3#

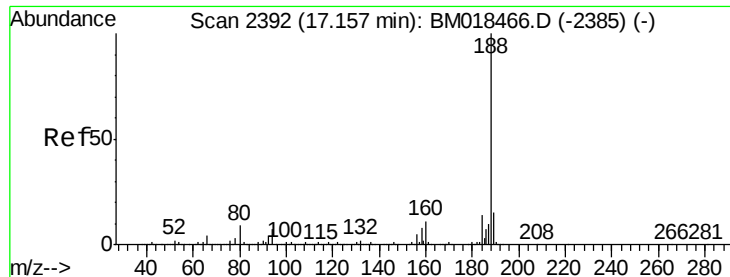


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

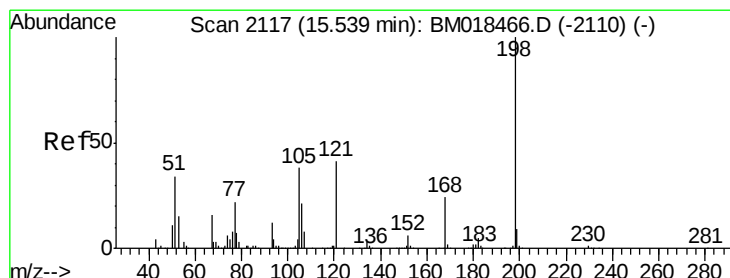
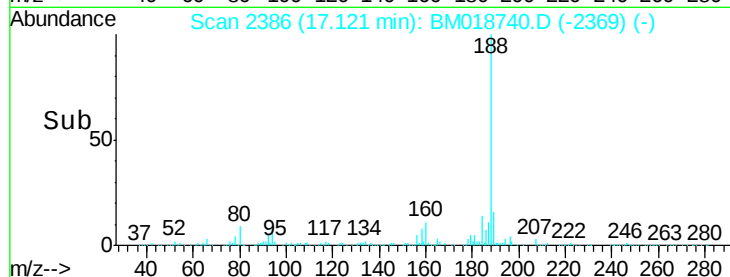
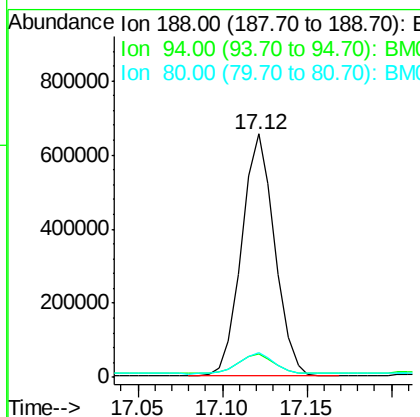
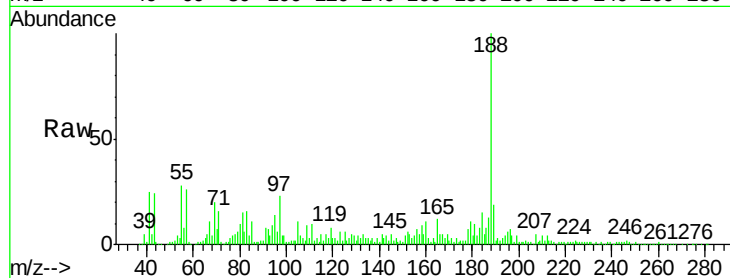




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.12 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

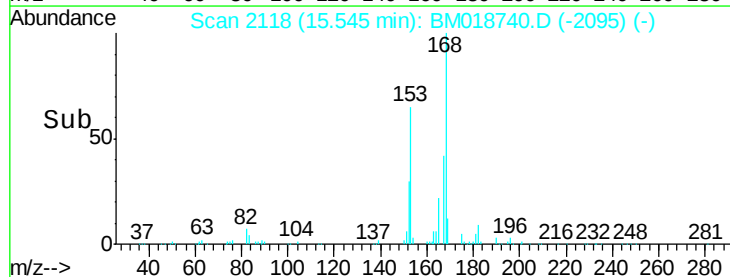
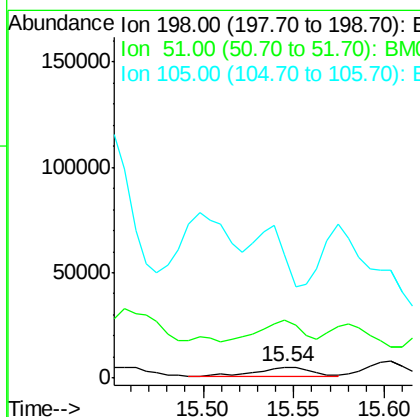
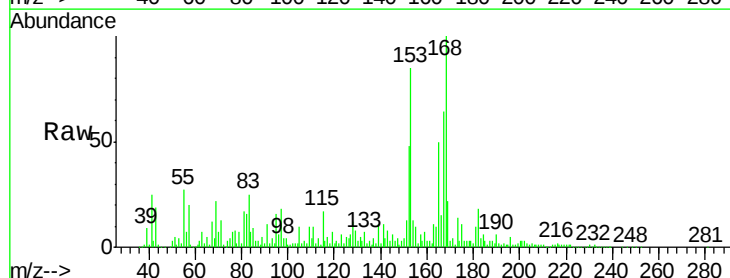
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

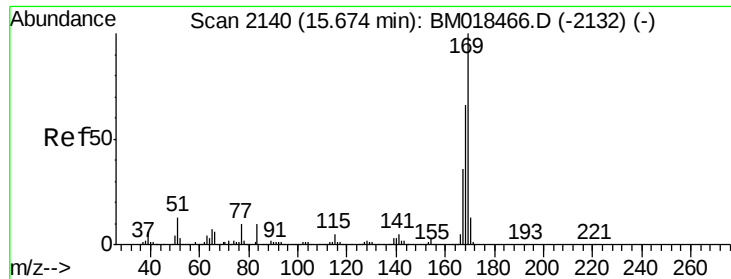
Tot Ion:188 Resp: 891463
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.1 10.7
 80 10.3 7.6 11.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.78 ng
 RT: 15.54 min Scan# 2118
 Delta R.T. 0.04 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion:198 Resp: 8878
 Ion Ratio Lower Upper
 198 100
 51 537.0 29.6 69.6#
 105 1131.3 25.5 65.5#

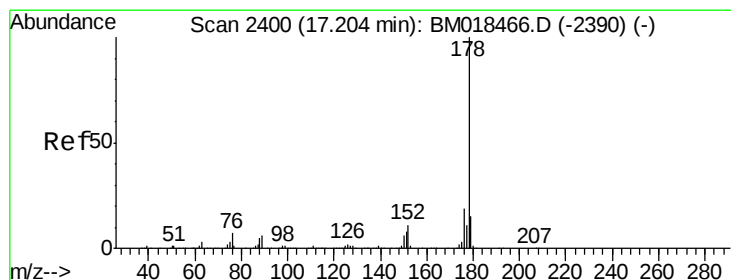
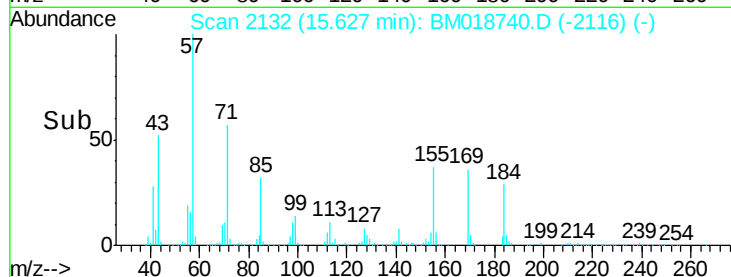
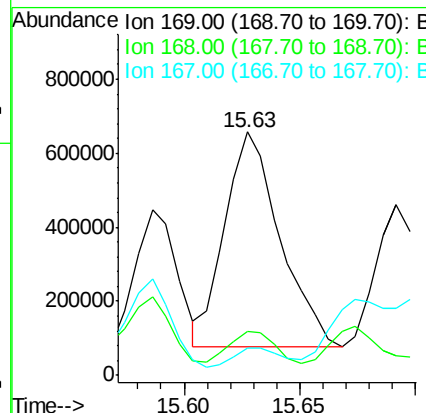
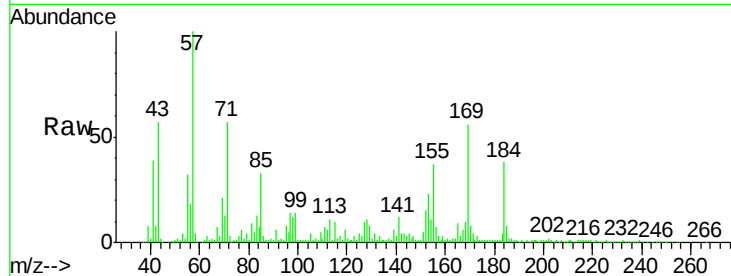




#66
 n-Nitrosodiphenylamine
 Concen: 34.84 ng
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

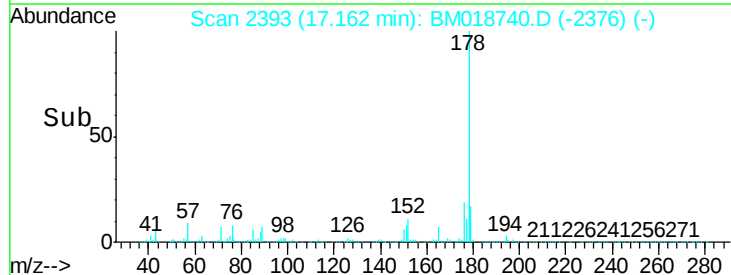
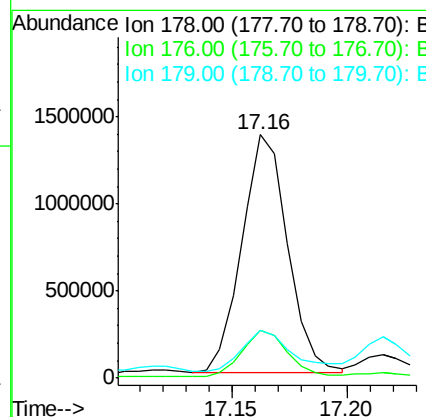
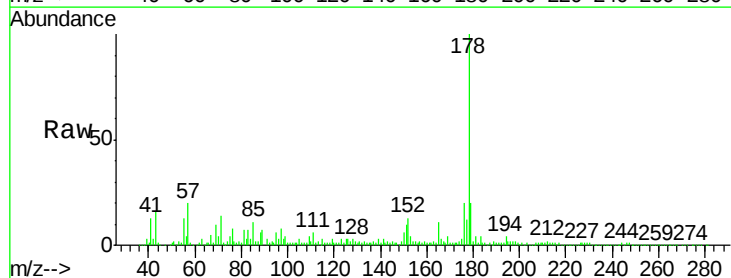
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

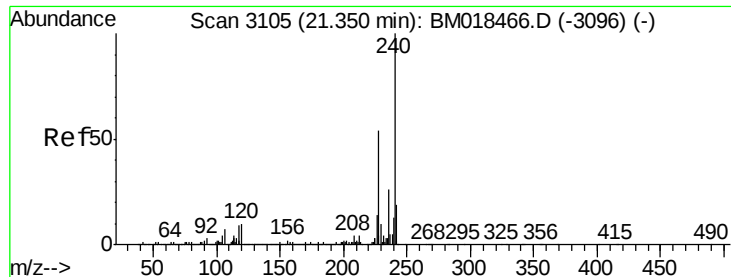
Tot Ion:169 Resp: 963351
 Ion Ratio Lower Upper
 169 100
 168 17.9 54.1 81.1#
 167 11.1 28.6 42.8#



#71
 Phenanthrene
 Concen: 39.95 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion:178 Resp: 1894230
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 19.6 12.2 18.4#

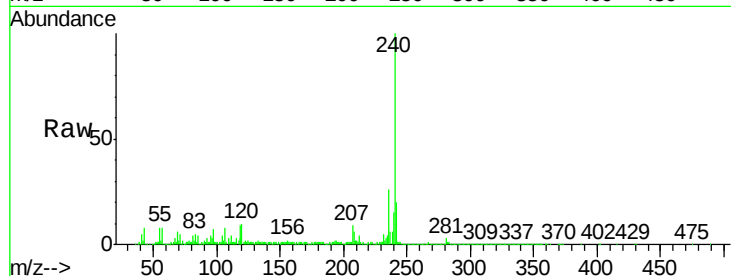




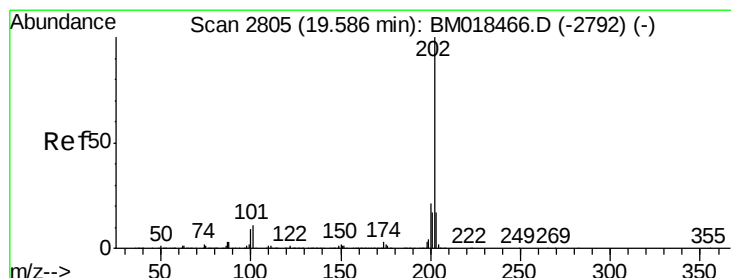
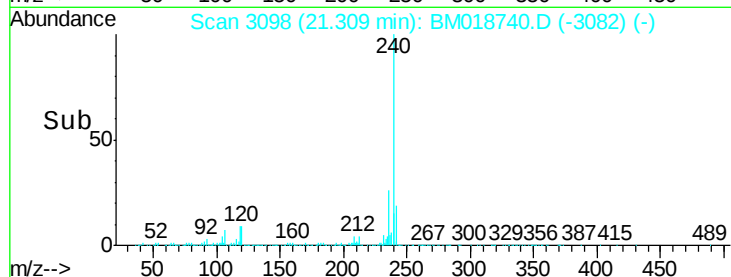
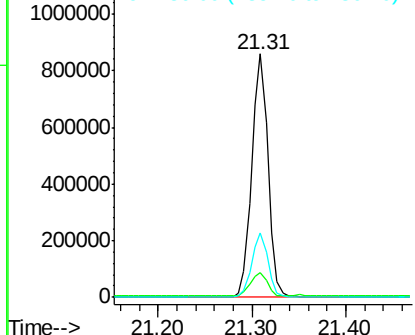
#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Tot Ion:240 Resp: 1026126
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 26.2 20.7 31.1

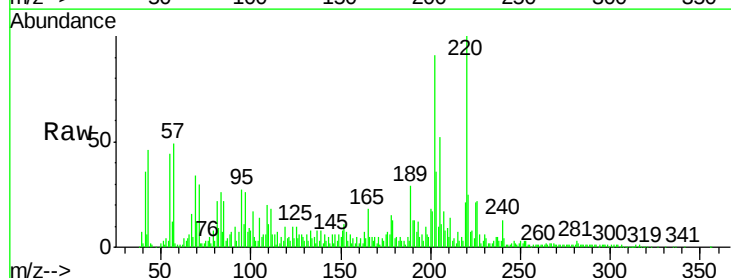


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

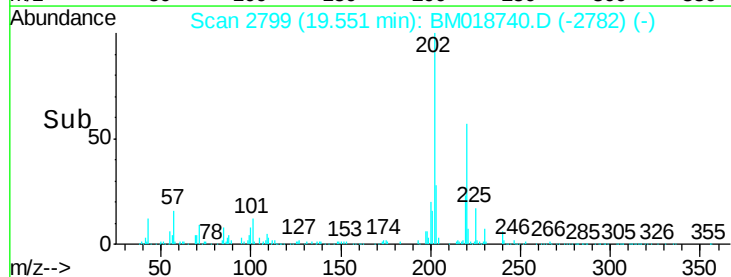
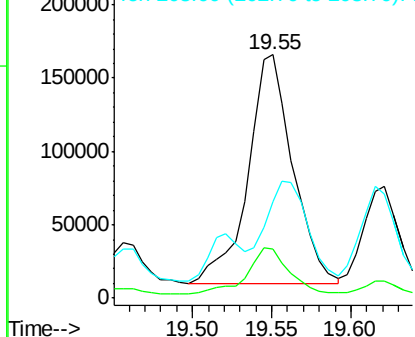


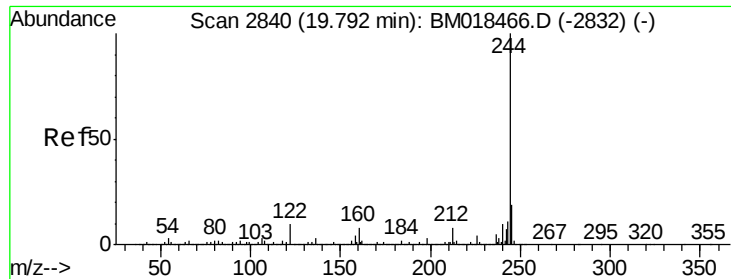
#78
 Pyrene
 Concen: 5.07 ng
 RT: 19.55 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion:202 Resp: 308609
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.6 24.8
 203 39.6 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

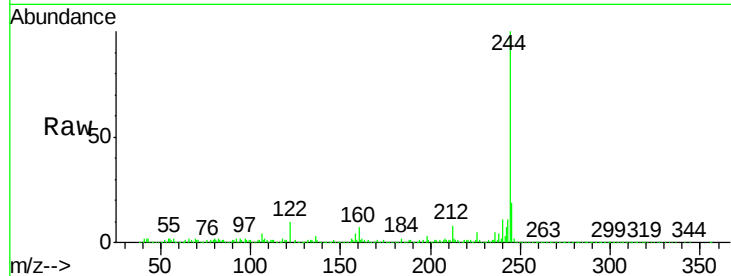




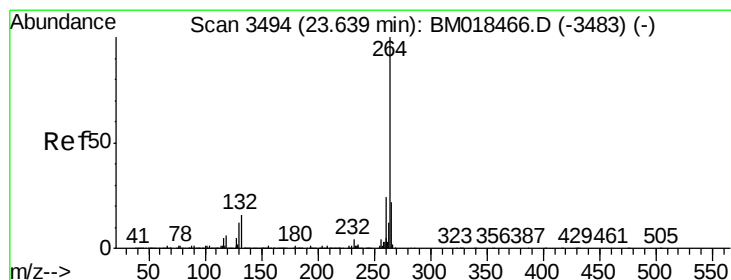
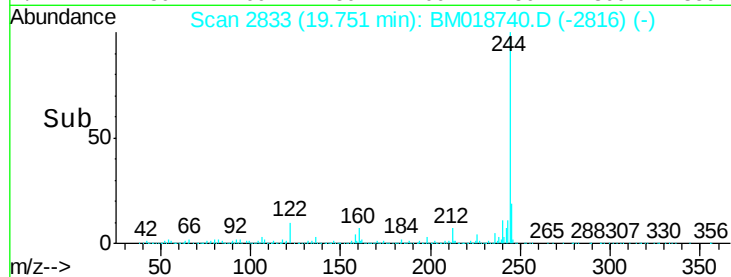
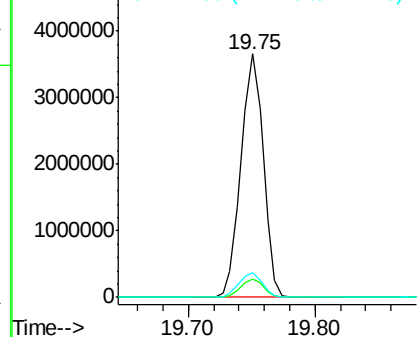
#79
 Terphenyl-d14
 Concen: 91.26 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)

Tot Ion:244 Resp: 4442472
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.1 9.0 13.4

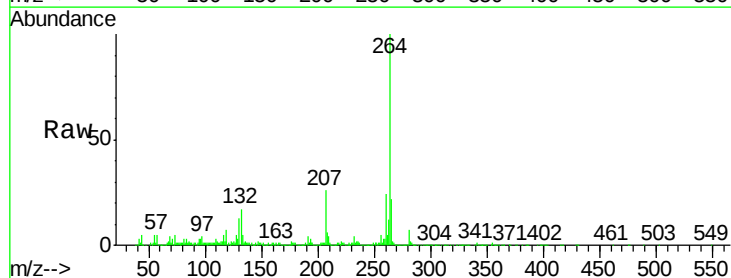


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM018740.D
 Acq: 07 Feb 2019 16:41

Tgt Ion:264 Resp: 1102515
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

