

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018811.D
 Acq On : 13 Feb 2019 20:48
 Operator : JU/SJ
 Sample : K1457-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

Quant Time: Feb 14 00:52:11 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	7.71	152	299366	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1254909	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	705512	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1610668	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1693744	20.00	ng	0.00
87) Perylene-d12	23.56	264	1600092	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2522018	138.03	ng	0.00
7) Phenol-d6	6.89	99	3129456	121.58	ng	0.00
23) Nitrobenzene-d5	8.88	82	2550256	93.97	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1480895	145.62	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4860579	91.46	ng	0.00
79) Terphenyl-d14	19.74	244	8431210	102.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	288	0.036	ng	# 1
3) Pyridine	3.68	79	2318	0.107	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	646	0.117	ng	# 1
6) Aniline	7.09	93	3916	0.124	ng	# 1
8) 2-Chlorophenol	7.27	128	600	0.030	ng	# 1
9) Benzaldehyde	6.85	77	112425	4.936	ng	# 1
10) Phenol	6.92	94	49304	1.820	ng	# 52
11) bis(2-Chloroethyl)ether	7.09	93	3916	0.190	ng	# 1
15) Benzyl Alcohol	7.96	79	23796	1.163	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	244	0.012	ng	# 1
17) 2-Methylphenol	8.16	107	26167	1.518	ng	# 87
18) Hexachloroethane	8.80	117	84047	10.026	ng	# 1
19) n-Nitroso-di-n-propylamine	8.59	70	232	0.012	ng	# 1
20) 3+4-Methylphenols	8.48	107	65607	2.756	ng	# 93
22) Acetophenone	8.55	105	23702	0.688	ng	# 97
24) Nitrobenzene	8.88	77	23376	0.830	ng	# 14
25) Isophorone	9.45	82	346	0.008	ng	# 68
27) 2,4-Dimethylphenol	9.68	122	24615	1.502	ng	# 96
28) bis(2-Chloroethoxy)methane	9.95	93	3441	0.123	ng	# 45
31) Naphthalene	10.55	128	891253	14.562	ng	# 99
32) Benzoic acid	9.77	122	79657	5.573	ng	# 97
33) 4-Chloroaniline	10.60	127	2133	0.078	ng	# 1
36) 4-Chloro-3-methylphenol	11.77	107	106	0.005	ng	# 21
37) 2-Methylnaphthalene	12.16	142	172962	4.014	ng	# 99
38) 1-Methylnaphthalene	12.39	142	73054	1.734	ng	# 94
46) 1,1'-Biphenyl	13.19	154	9562	0.157	ng	# 95
48) 2-Nitroaniline	13.47	65	384	0.025	ng	# 58
49) Acenaphthylene	14.08	152	286	0.004	ng	# 61
50) Dimethylphthalate	13.82	163	791	0.013	ng	# 78
51) 2,6-Dinitrotoluene	13.87	165	682	0.054	ng	# 20
52) Acenaphthene	14.42	154	393	0.009	ng	# 68
55) Dibenzofuran	14.76	168	499	0.007	ng	# 44
58) Fluorene	15.40	166	645	0.012	ng	# 8
60) Diethylphthalate	15.19	149	3895	0.064	ng	# 93

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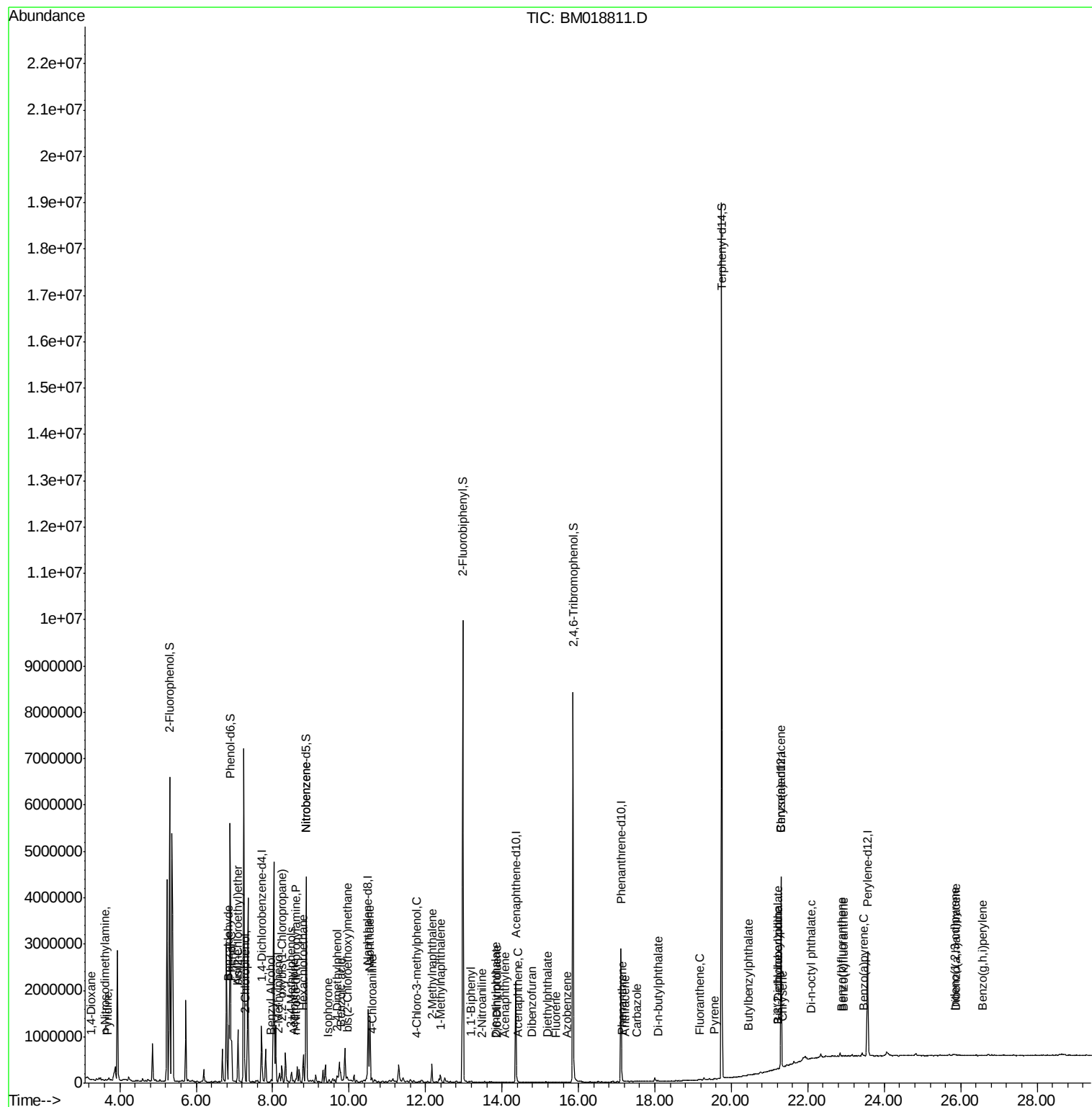
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	15.69	77	393	0.006	ng	# 52
71) Phenanthrene	17.15	178	2652	0.031	ng	# 85
72) Anthracene	17.22	178	3626	0.043	ng	# 68
73) Carbazole	17.53	167	452	0.005	ng	# 58
74) Di-n-butylphthalate	18.07	149	8850	0.087	ng	# 97
75) Fluoranthene	19.17	202	2074	0.021	ng	# 62
78) Pyrene	19.54	202	1945	0.020	ng	# 59
80) Butylbenzylphthalate	20.44	149	2526	0.056	ng	# 78
81) Benzo(a)anthracene	21.30	228	6247	0.063	ng	# 67
82) 3,3'-Dichlorobenzidine	21.23	252	279	0.007	ng	# 26
83) Chrysene	21.34	228	2413	0.025	ng	# 86
84) Bis(2-ethylhexyl)phthalate	21.21	149	3841	0.059	ng	# 96
85) Di-n-octyl phthalate	22.09	149	2059	0.019	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.85	276	139	0.001	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	1829	0.020	ng	# 1
89) Benzo(k)fluoranthene	22.93	252	2072	0.023	ng	# 13
90) Benzo(a)pyrene	23.46	252	243	0.003	ng	# 1
91) Dibenzo(a,h)anthracene	25.87	278	499	0.006	ng	# 1
92) Benzo(g,h,i)perylene	26.57	276	989	0.012	ng	# 53

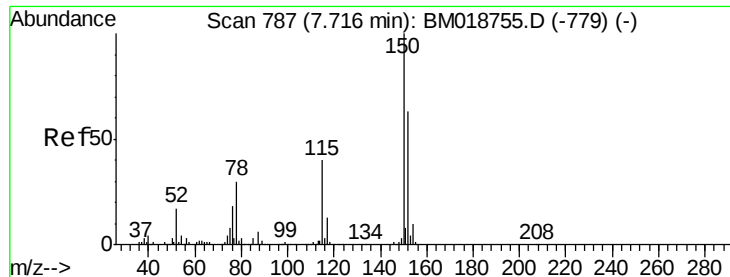
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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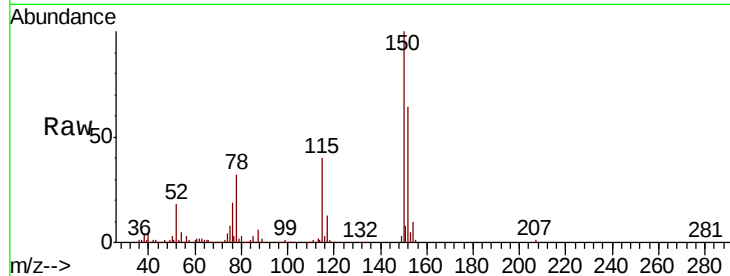


#1

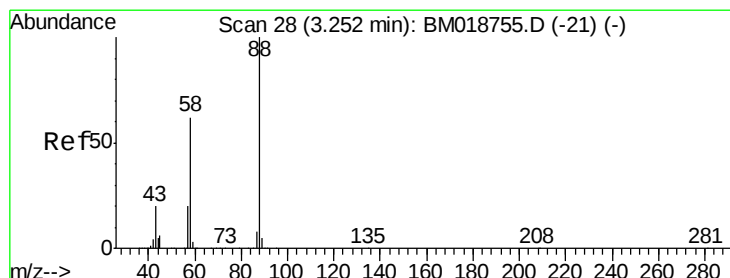
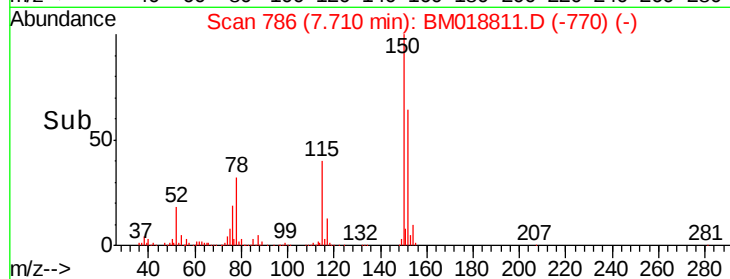
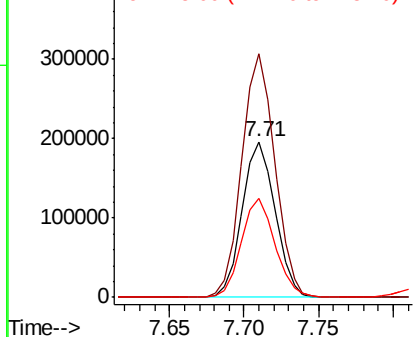
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

Tgt Ion:152 Resp: 299366
Ion Ratio Lower Upper
152 100
150 156.5 127.3 190.9
115 63.4 50.8 76.2



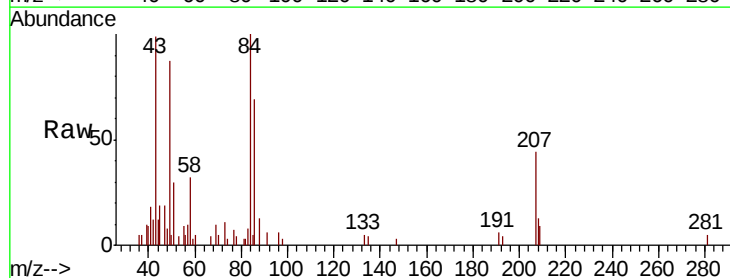
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



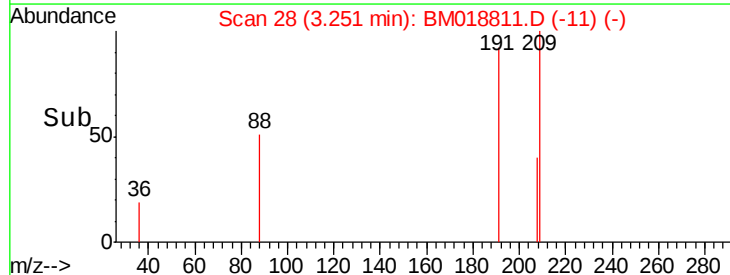
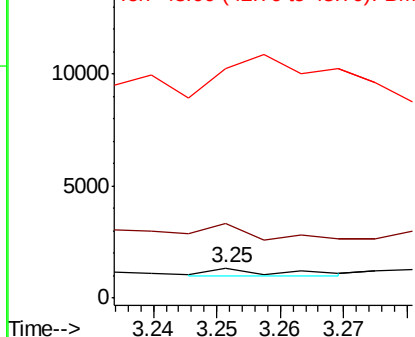
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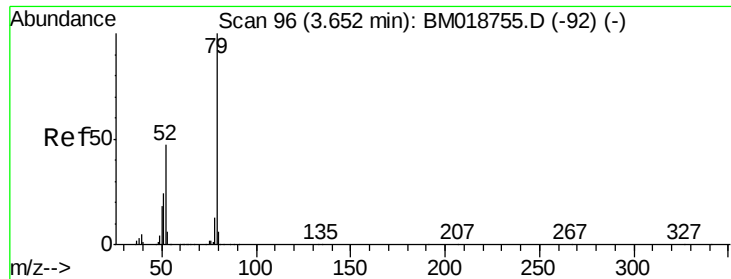
1,4-Dioxane
Concen: 0.036 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 1915.6 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: 0.107 ng

RT: 3.68 min Scan# 101

Delta R.T. 0.03 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

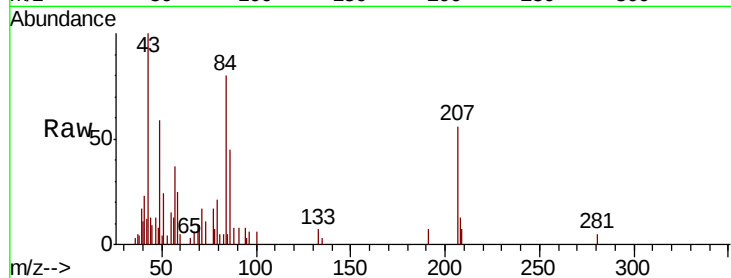
Tgt Ion: 79 Resp: 2318

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

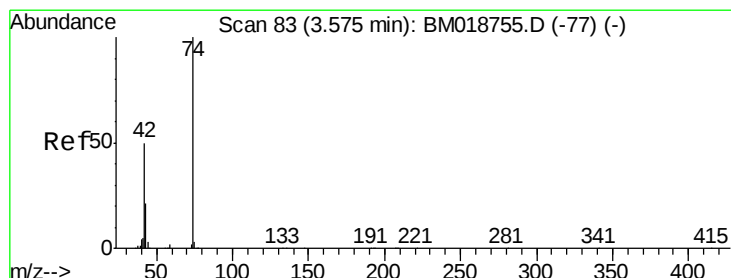
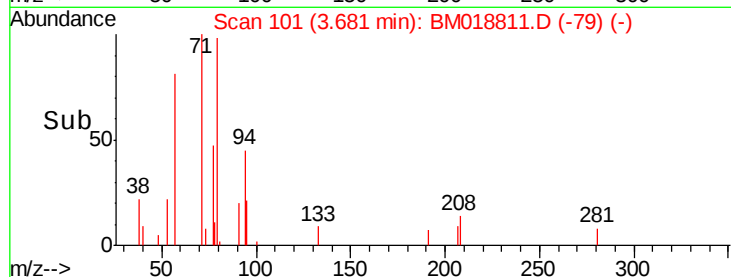
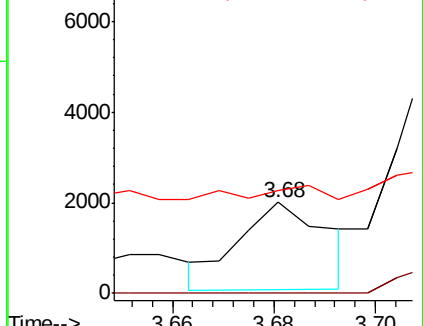
51 113.0 19.7 29.5#



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: 0.117 ng

RT: 3.60 min Scan# 88

Delta R.T. 0.03 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

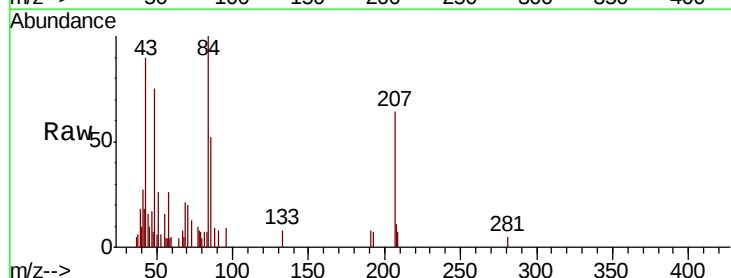
Tgt Ion: 42 Resp: 646

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

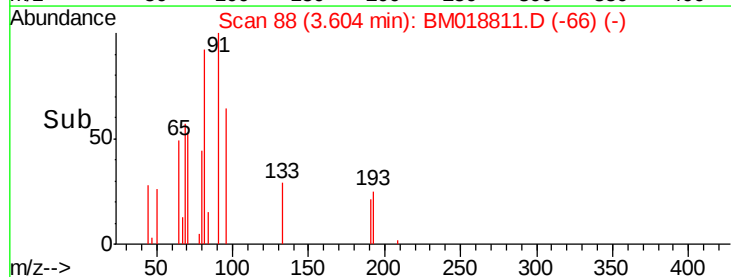
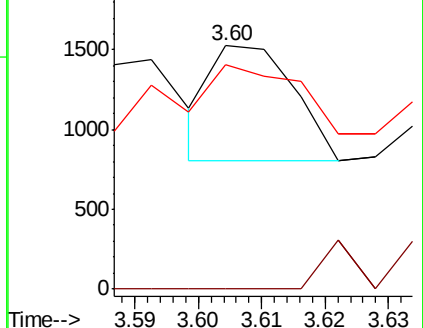
44 92.2 4.9 7.3#

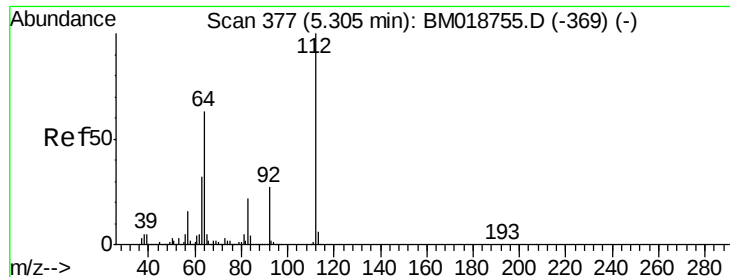


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 138.034 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

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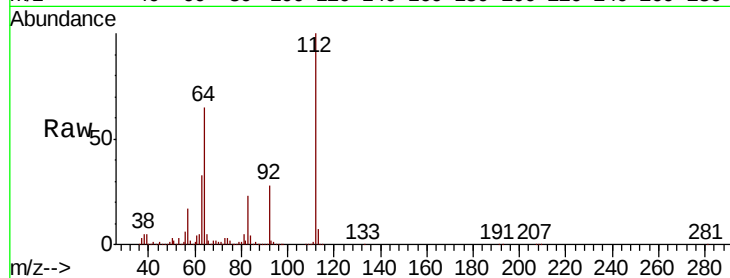
Tgt Ion: 112 Resp: 2522018

Ion Ratio Lower Upper

112 100

64 64.5 50.6 75.8

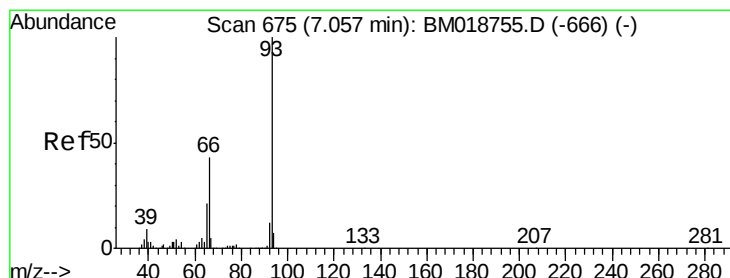
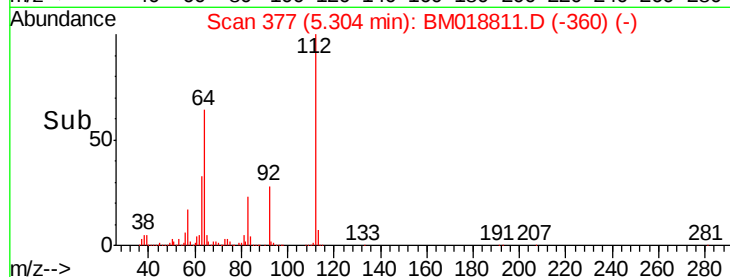
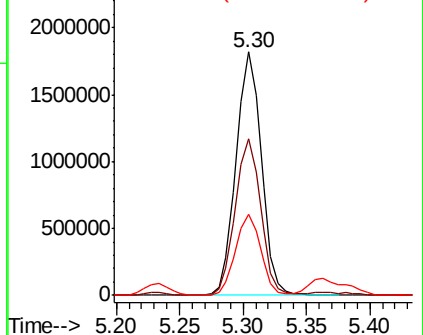
63 33.1 25.7 38.5



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: 0.124 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.03 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

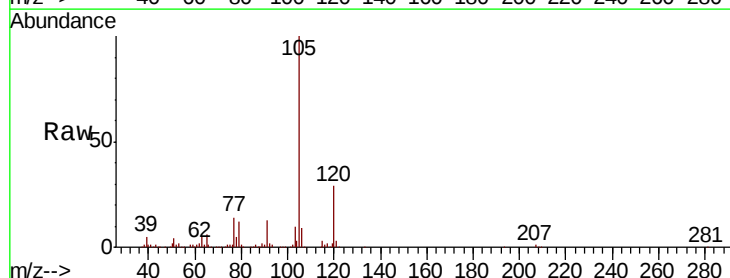
Tgt Ion: 93 Resp: 3916

Ion Ratio Lower Upper

93 100

66 100.4 34.1 51.1#

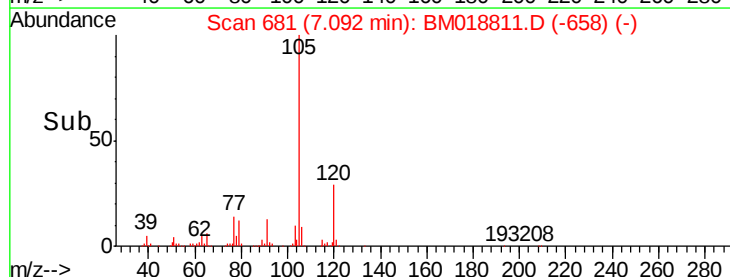
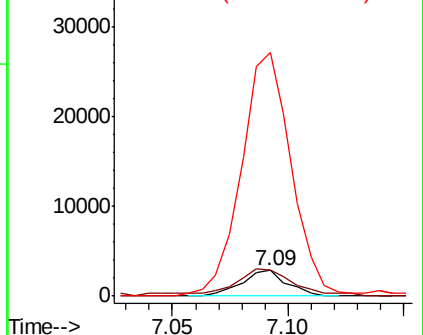
65 939.0 16.6 24.8#

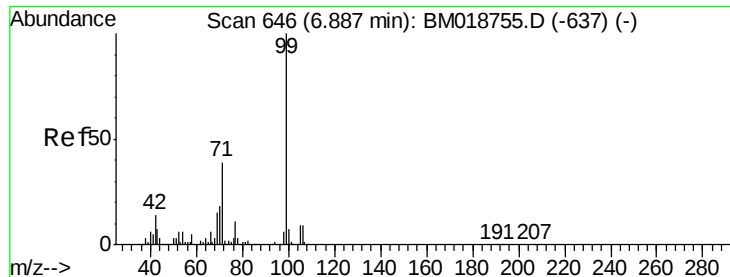


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 121.582 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

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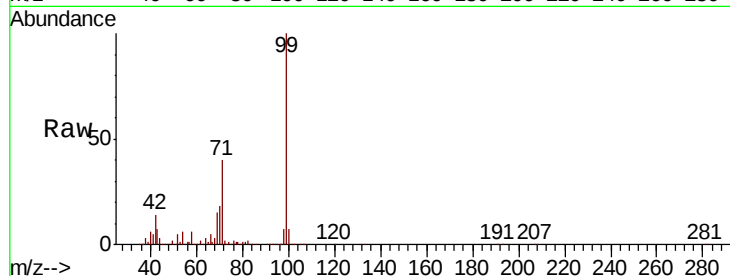
Tgt Ion: 99 Resp: 3129456

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

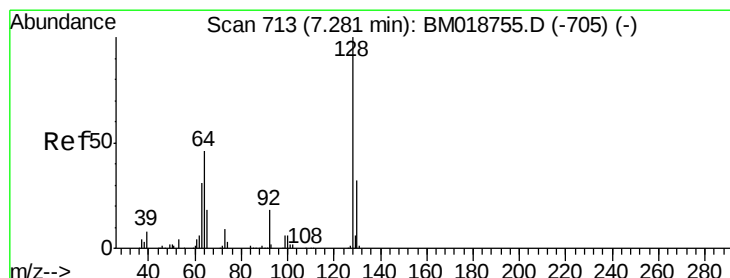
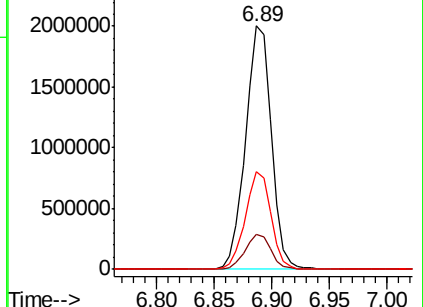
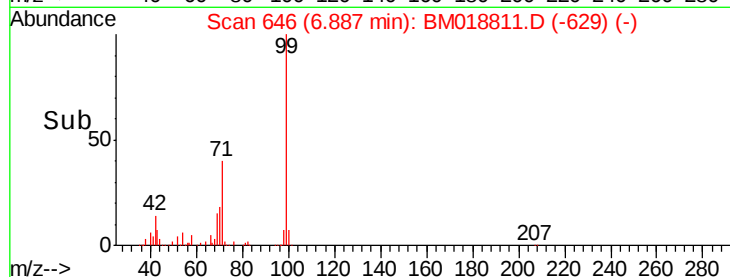
71 40.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018811.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018811.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018811.D (-629) (-)



#8

2-Chlorophenol

Concen: 0.030 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

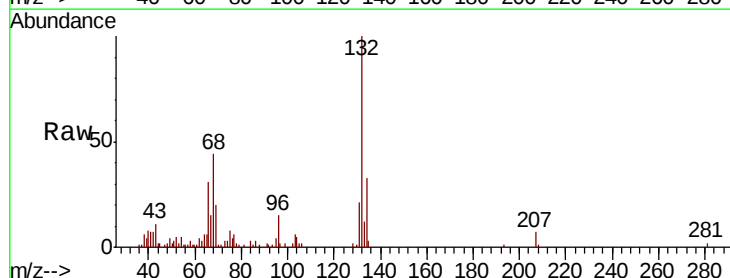
Tgt Ion: 128 Resp: 600

Ion Ratio Lower Upper

128 100

130 88.6 11.7 51.7#

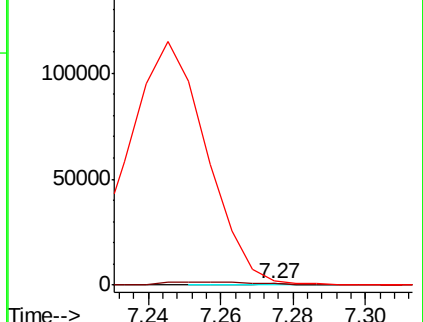
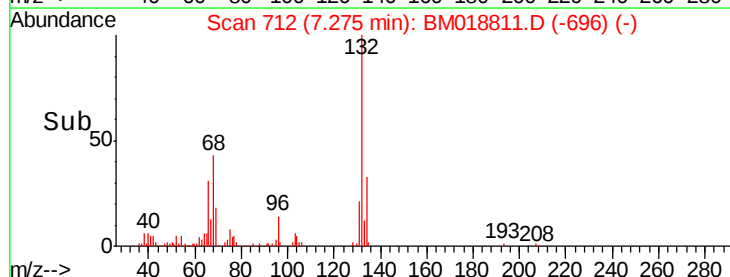
64 400.4 31.0 71.0#

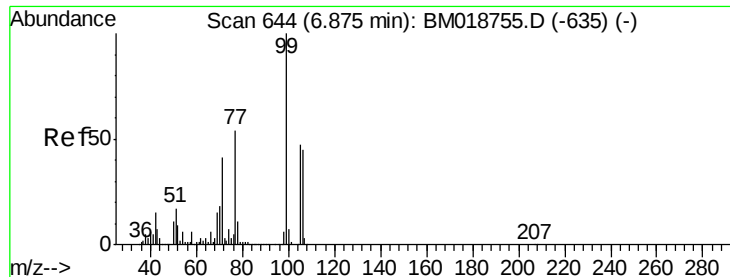


Abundance Ion 128.00 (127.70 to 128.70): BM018811.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018811.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018811.D (-696) (-)





#9

Benzaldehyde

Concen: 4.936 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018811.D

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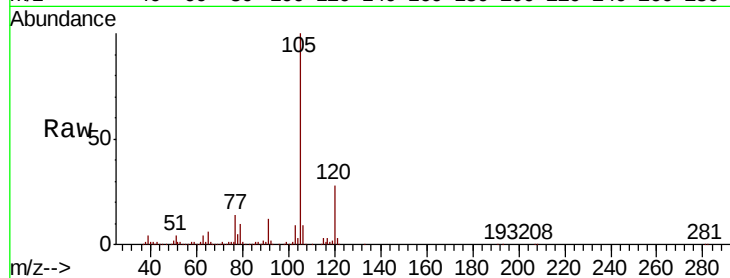
Tgt Ion: 77 Resp: 112425

Ion Ratio Lower Upper

77 100

105 728.6 67.3 107.3#

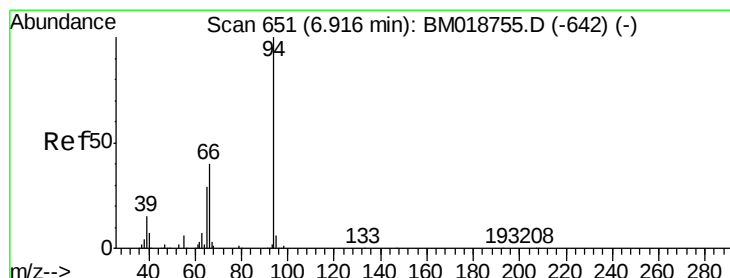
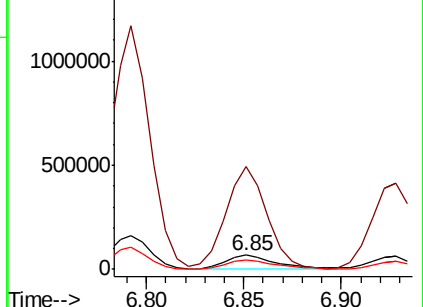
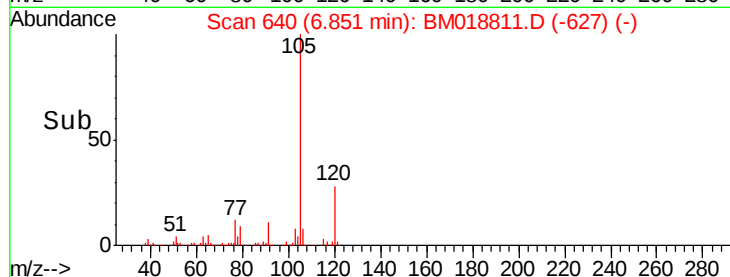
106 64.3 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018811.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018811.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018811.D (-627) (-)



#10

Phenol

Concen: 1.820 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

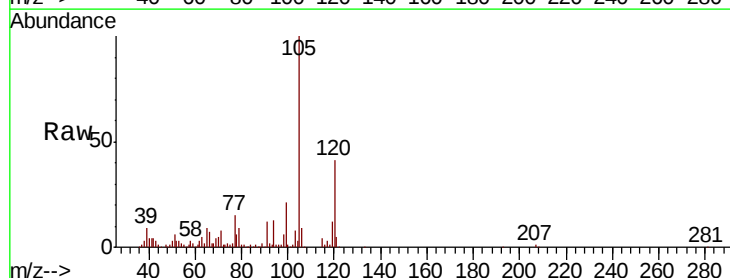
Tgt Ion: 94 Resp: 49304

Ion Ratio Lower Upper

94 100

65 72.1 9.6 49.6#

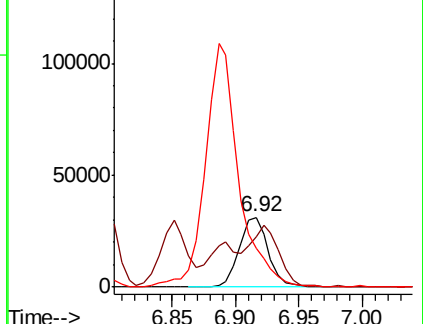
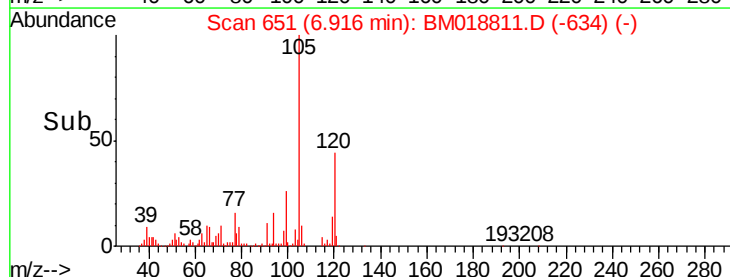
66 56.2 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018811.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018811.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018811.D (-634) (-)

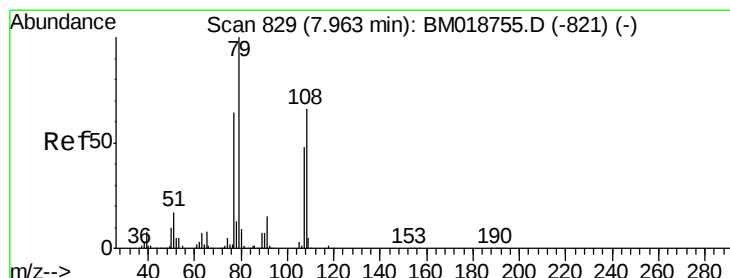
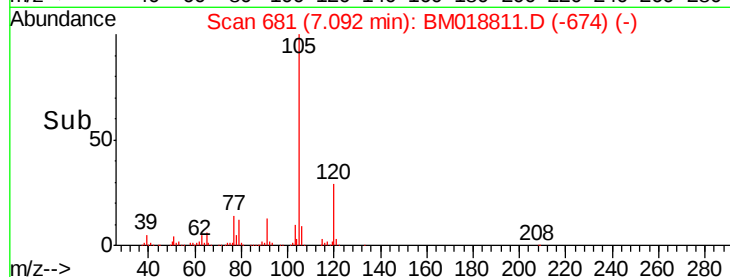
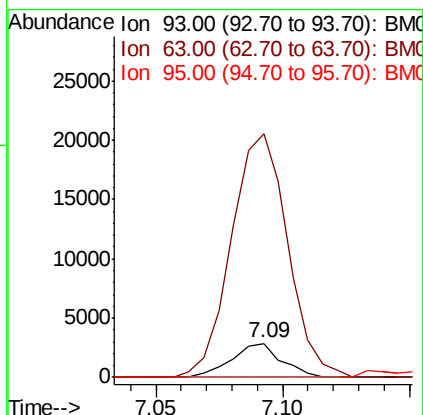
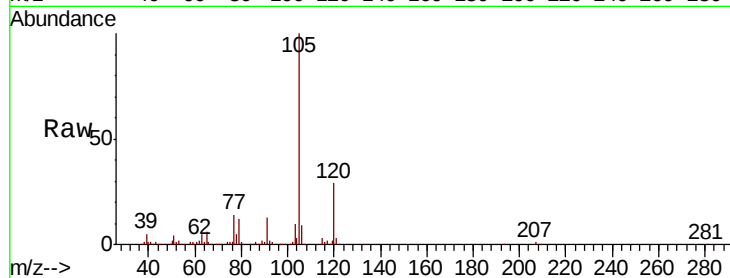




#11
bis(2-Chloroethyl)ether
Concen: 0.190 ng
RT: 7.09 min Scan# 681
Delta R.T. -0.06 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

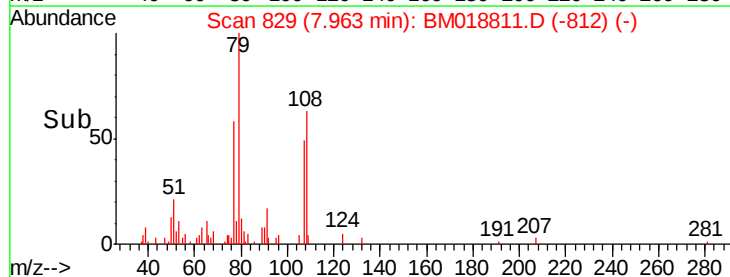
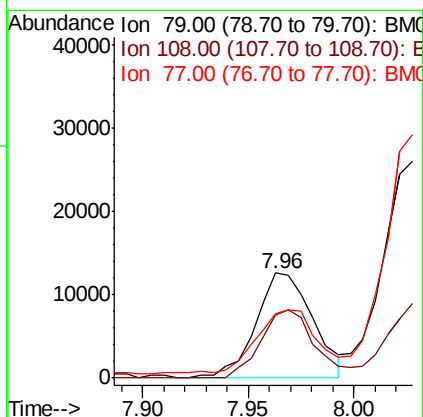
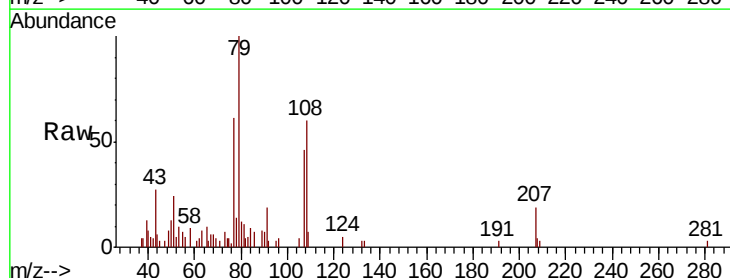
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

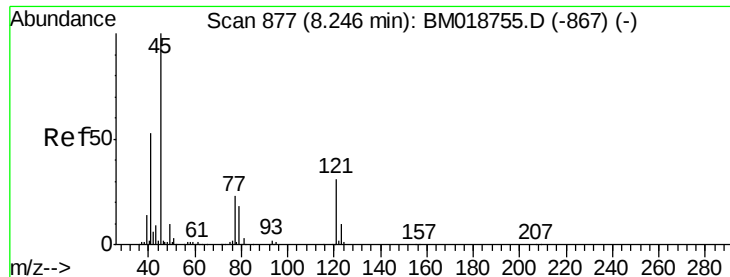
Tgt Ion: 93 Resp: 3916
Ion Ratio Lower Upper
93 100
63 709.9 57.0 97.0#
95 0.0 12.4 52.4#



#15
Benzyl Alcohol
Concen: 1.163 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion: 79 Resp: 23796
Ion Ratio Lower Upper
79 100
108 60.1 52.7 79.1
77 61.1 51.0 76.4

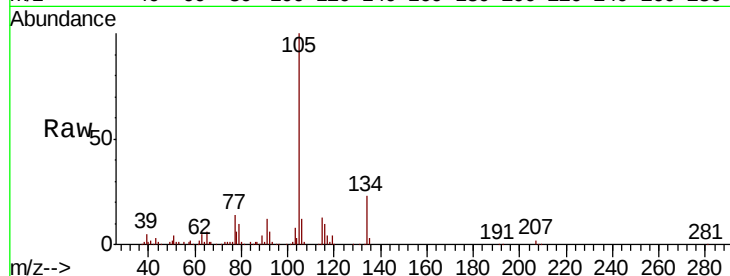




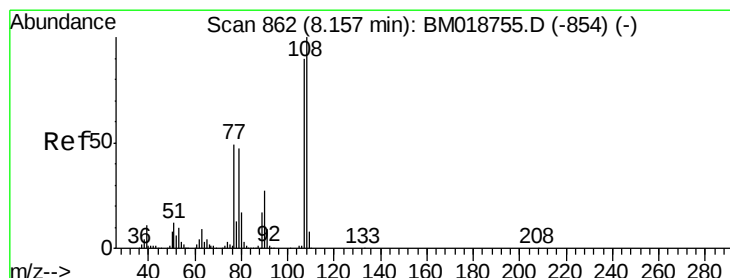
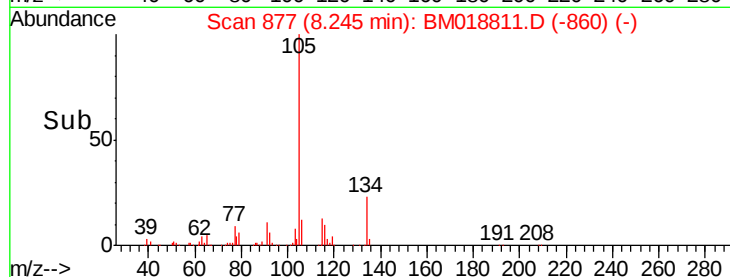
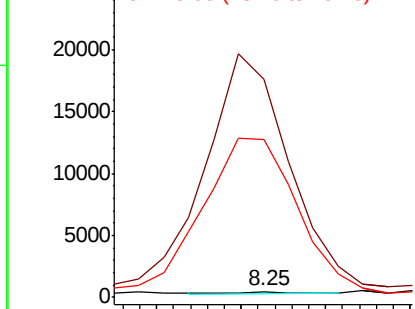
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.012 ng
 RT: 8.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

Tgt Ion: 45 Resp: 244
 Ion Ratio Lower Upper
 45 100
 77 3873.4 5.0 45.0#
 79 2800.2 0.0 39.3#

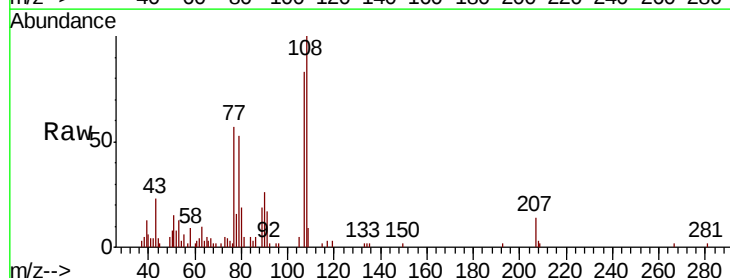


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

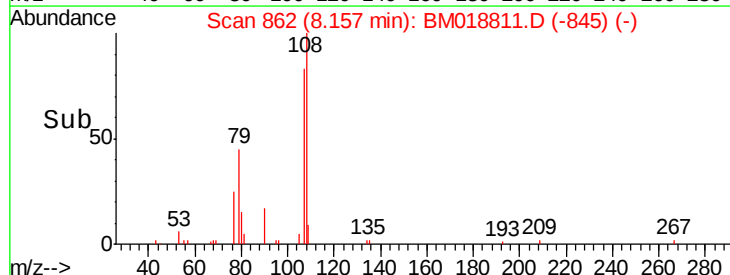
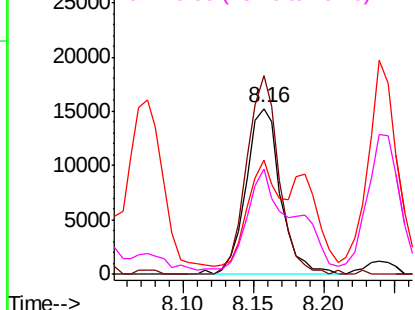


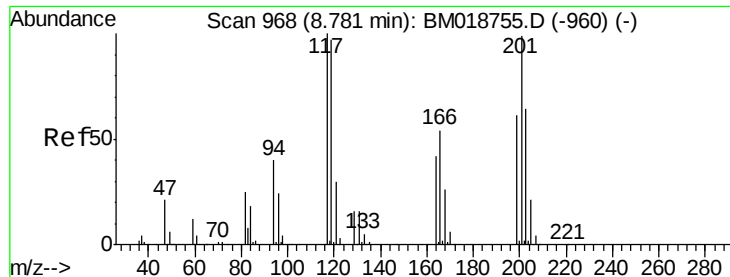
#17
 2-Methylphenol
 Concen: 1.518 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion:107 Resp: 26167
 Ion Ratio Lower Upper
 107 100
 108 120.0 88.8 133.2
 77 68.5 44.0 66.0#
 79 63.4 42.4 63.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

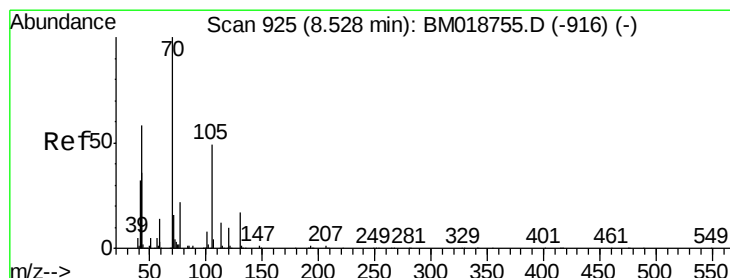
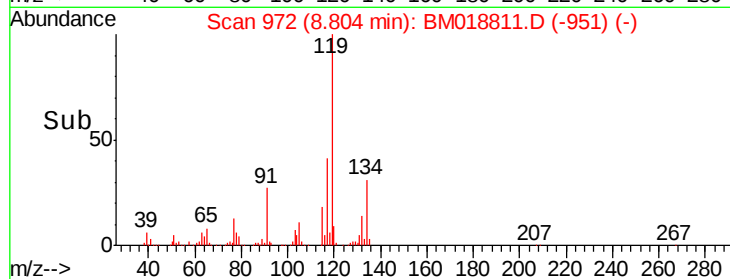
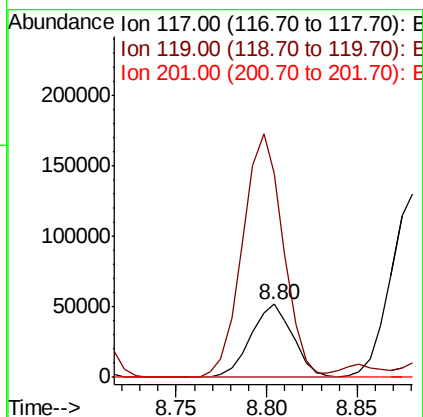
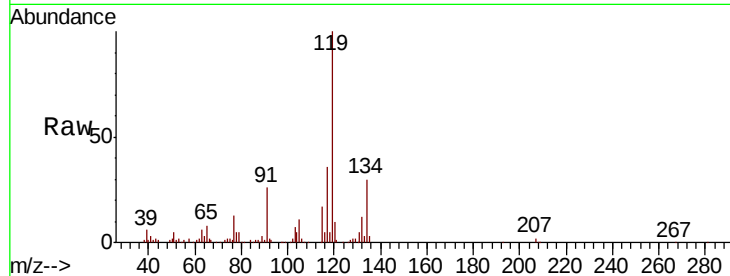




#18
Hexachloroethane
Concen: 10.026 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

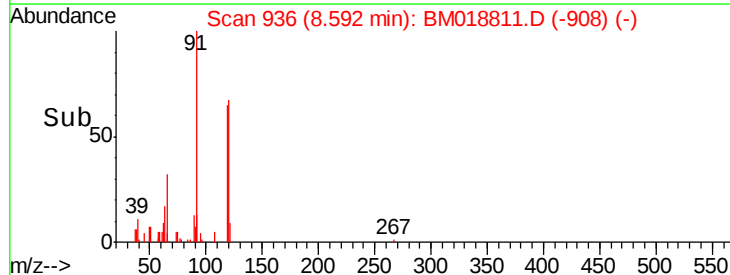
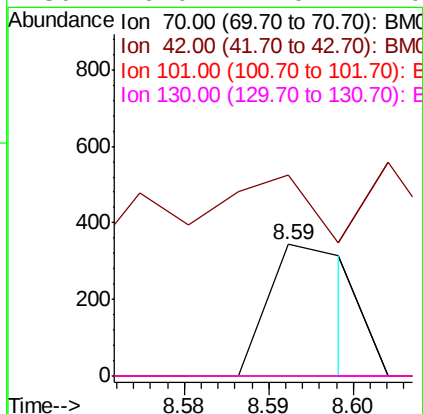
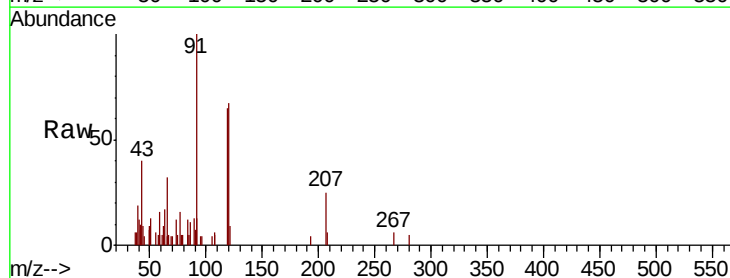
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

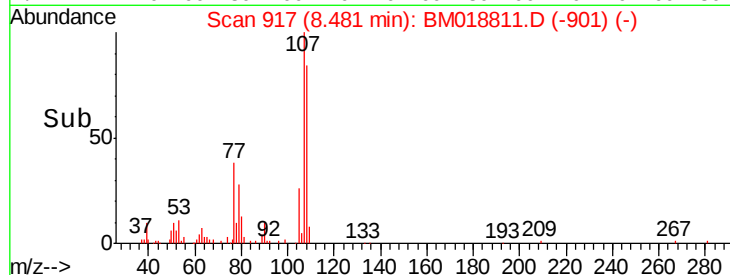
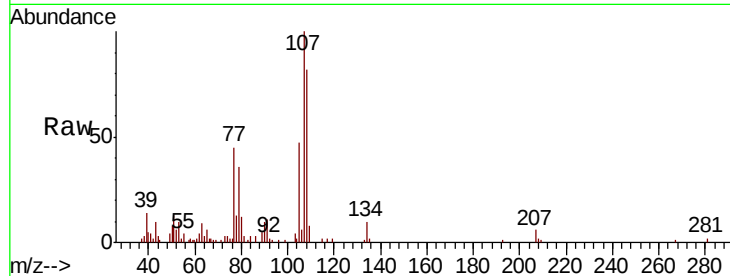
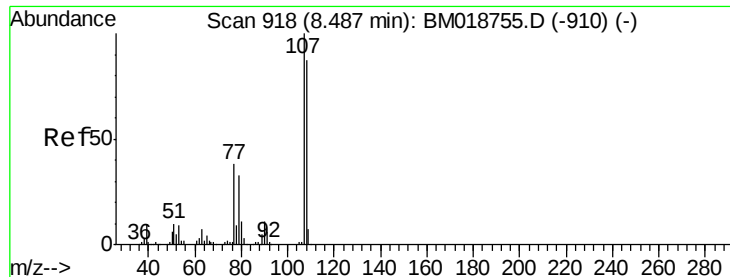
Tgt Ion: 117 Resp: 84047
Ion Ratio Lower Upper
117 100
119 279.5 77.9 116.9#
201 0.0 79.2 118.8#



#19
n-Nitroso-di-n-propylamine
Concen: 0.012 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.06 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion: 70 Resp: 232
Ion Ratio Lower Upper
70 100
42 152.6 29.4 44.0#
101 0.0 6.7 10.1#
130 0.0 14.0 21.0#





#20

3+4-Methylphenols

Concen: 2.756 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

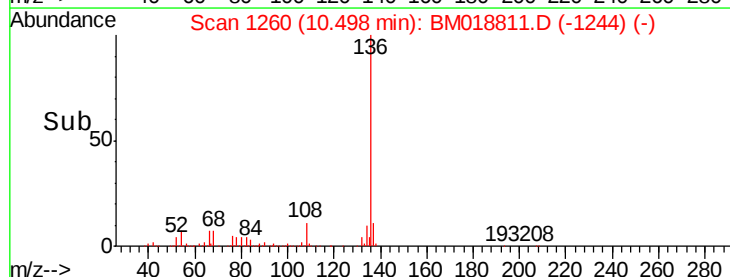
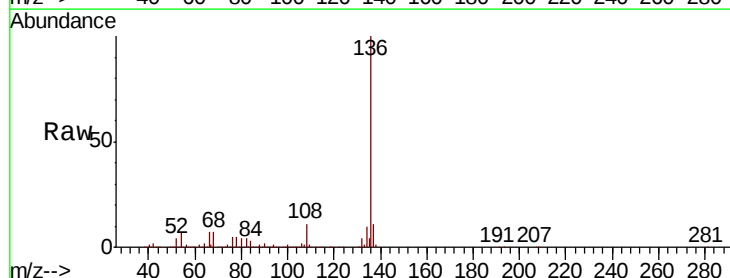
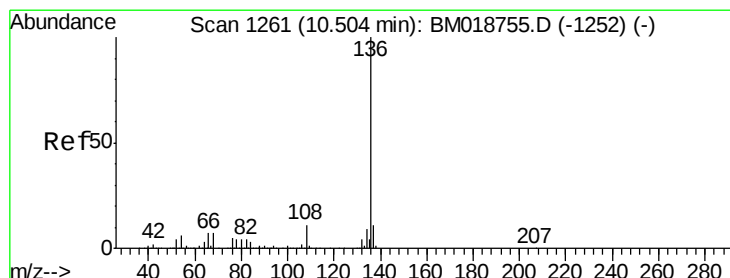
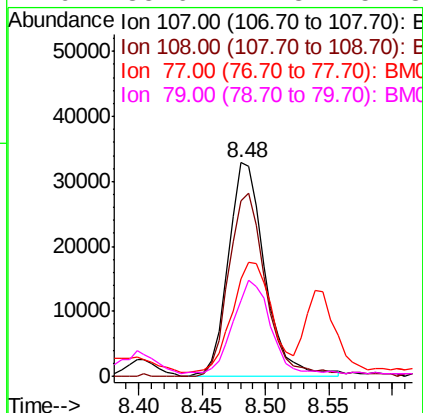
Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

Tgt Ion:	107	Resp:	65607
Ion	Ratio	Lower	Upper
107	100		
108	81.8	67.3	107.3
77	45.3	18.0	58.0
79	35.6	12.8	52.8



#21

Naphthalene-d8

Concen: 20.000 ng

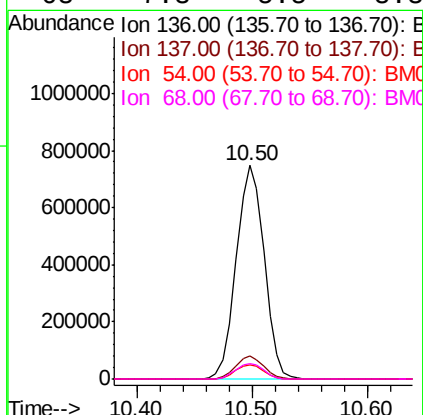
RT: 10.50 min Scan# 1260

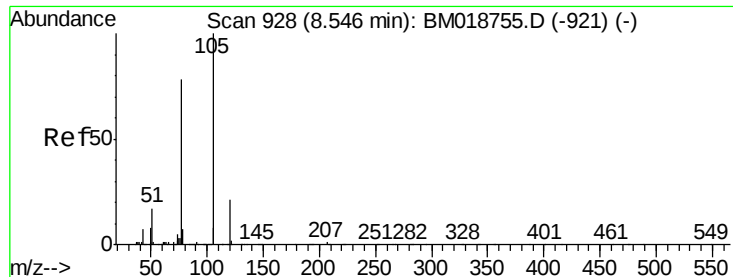
Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Tgt Ion:	136	Resp:	1254909
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.0	7.6
68	7.3	5.5	8.3





#22

Acetophenone

Concen: 0.688 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

Tgt Ion: 105 Resp: 23702

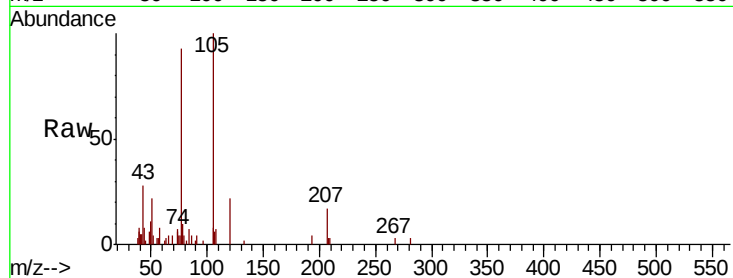
Ion Ratio Lower Upper

105 100

71 0.0 1.1 1.7#

51 21.7 15.5 23.3

120 21.8 17.0 25.4

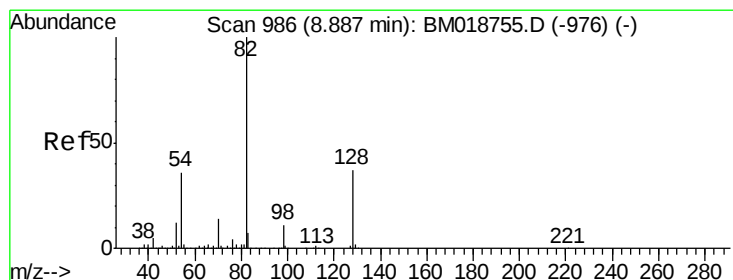
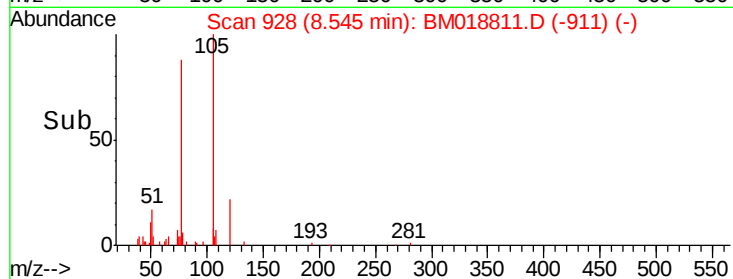
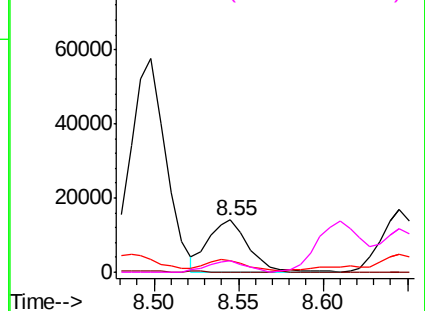


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 93.967 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

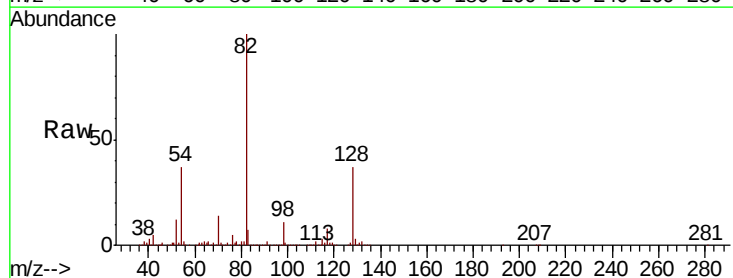
Tgt Ion: 82 Resp: 2550256

Ion Ratio Lower Upper

82 100

128 37.3 29.9 44.9

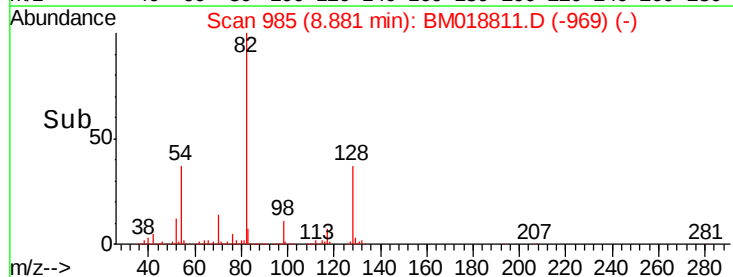
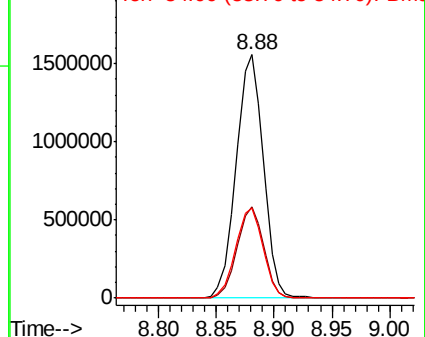
54 36.8 29.1 43.7

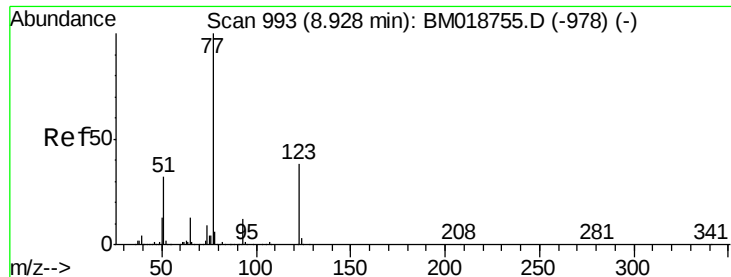


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

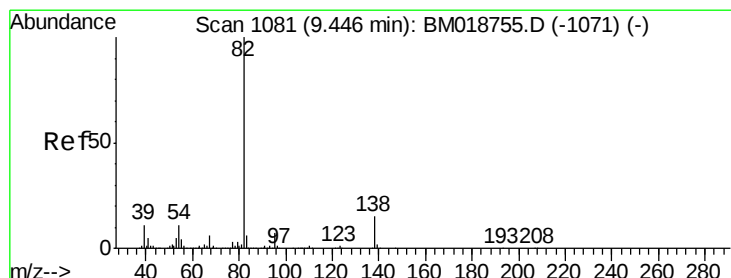
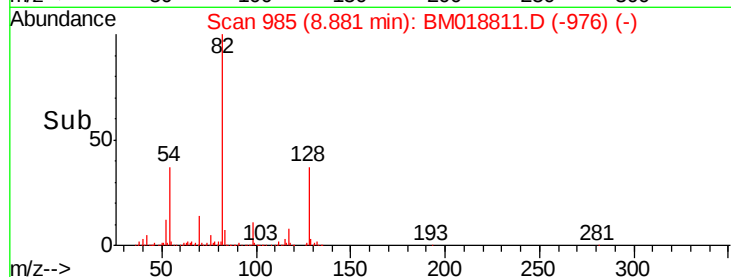
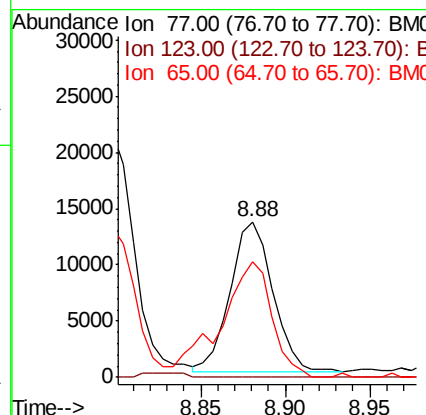
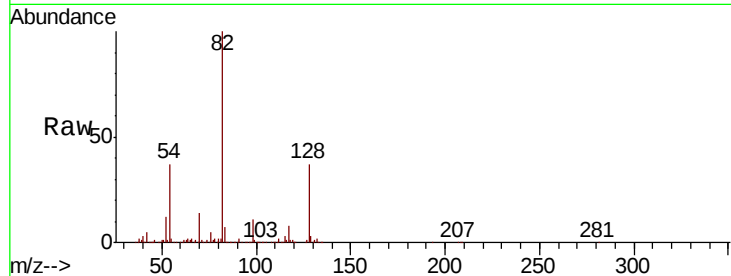




#24
 Nitrobenzene
 Concen: 0.830 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

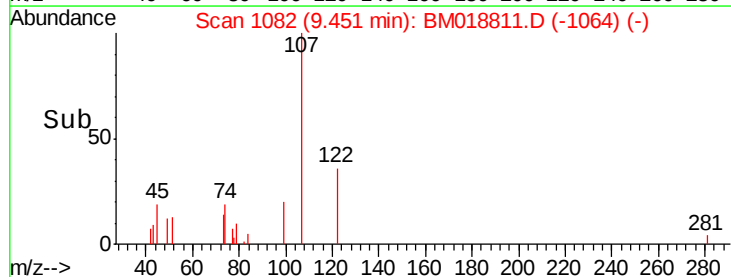
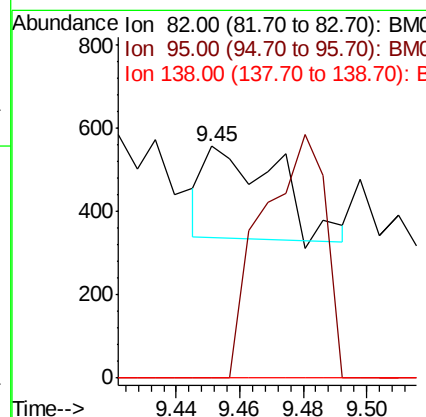
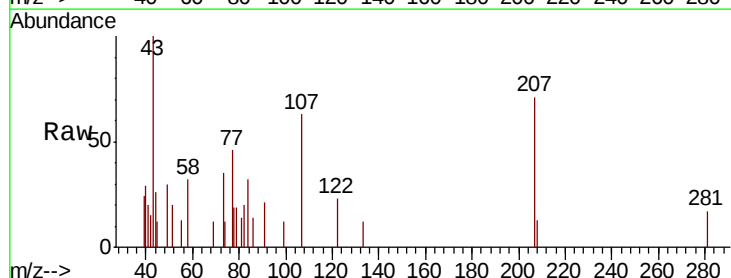
Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

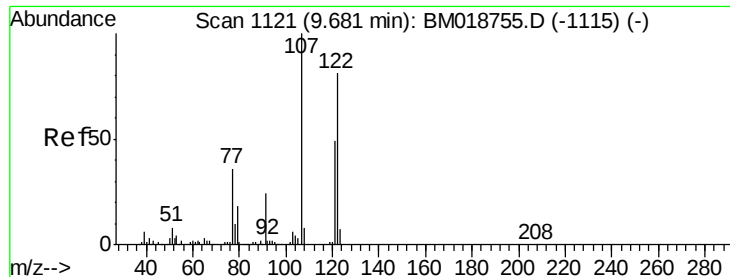
Tgt Ion: 77 Resp: 23376
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 74.2 10.5 15.7#



#25
 Isophorone
 Concen: 0.008 ng
 RT: 9.45 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion: 82 Resp: 346
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 12.3 18.5#

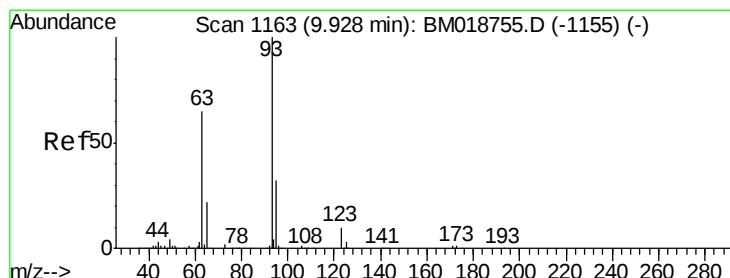
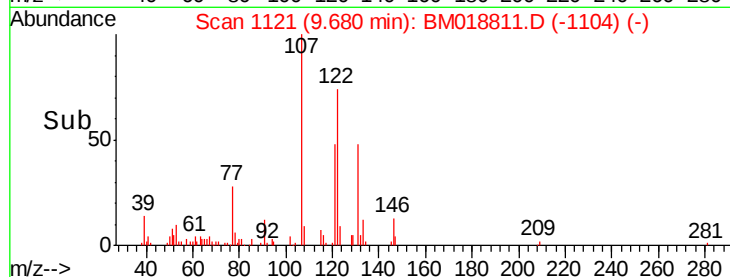
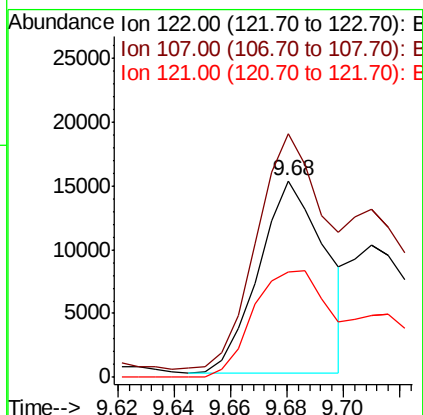
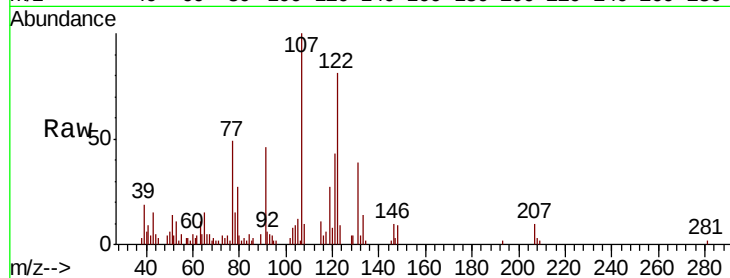




#27
2,4-Dimethylphenol
Concen: 1.502 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

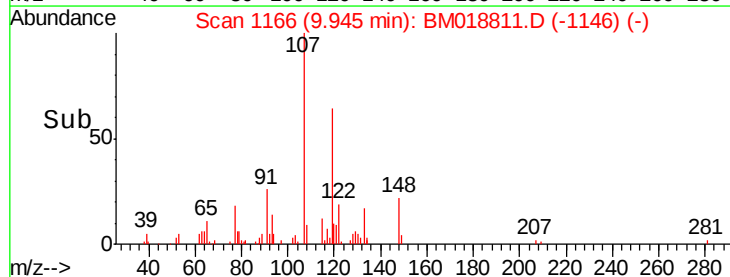
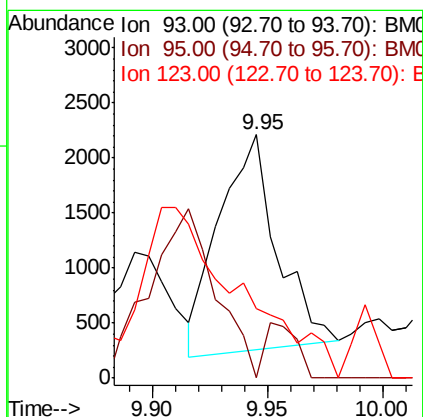
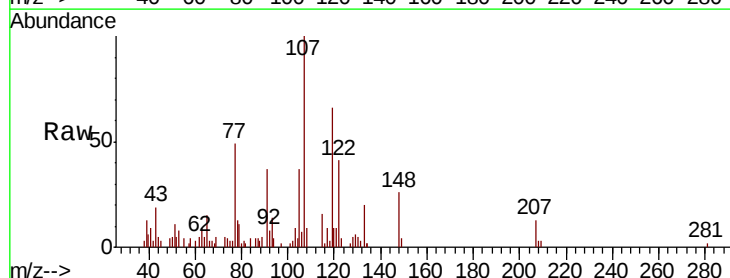
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

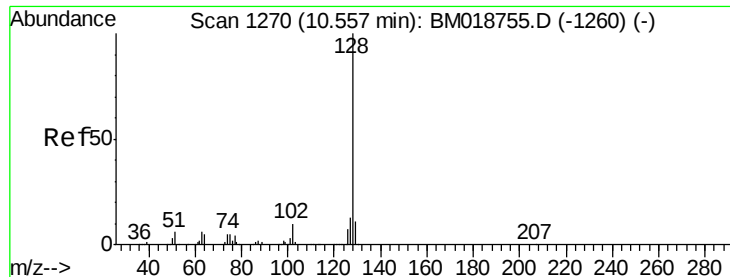
Tgt Ion: 122 Resp: 24615
Ion Ratio Lower Upper
122 100
107 124.0 97.6 146.4
121 53.5 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 0.123 ng
RT: 9.95 min Scan# 1166
Delta R.T. 0.02 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion: 93 Resp: 3441
Ion Ratio Lower Upper
93 100
95 0.0 25.6 38.4#
123 28.4 8.2 12.4#

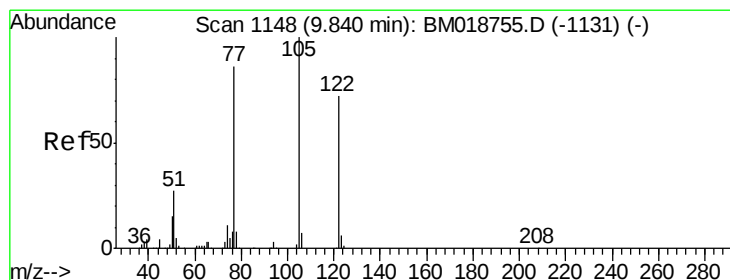
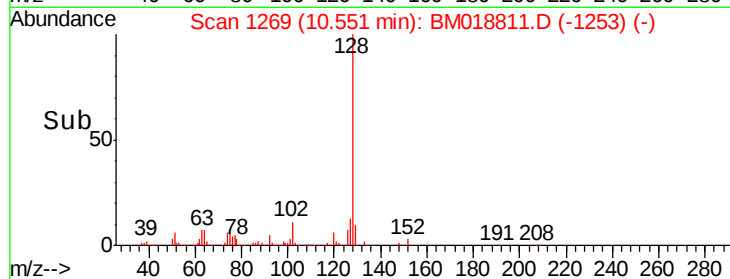
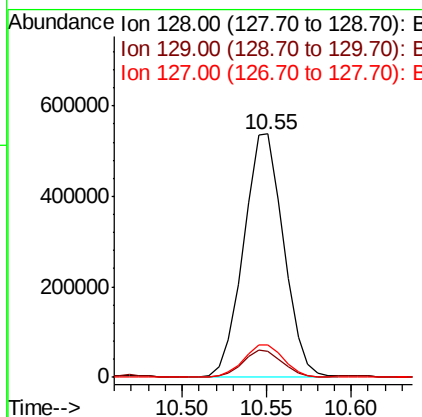
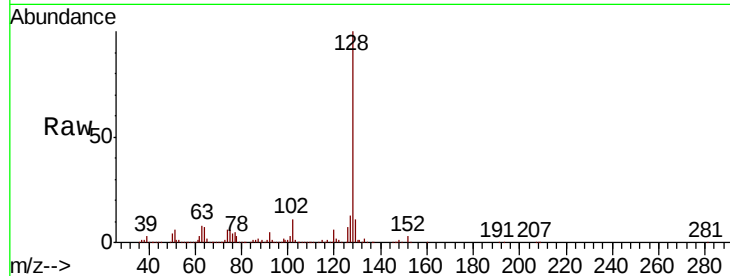




#31
Naphthalene
Concen: 14.562 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

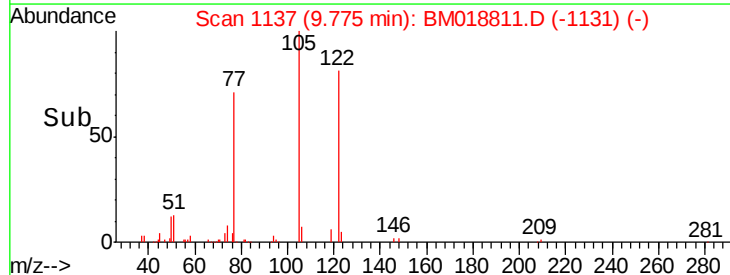
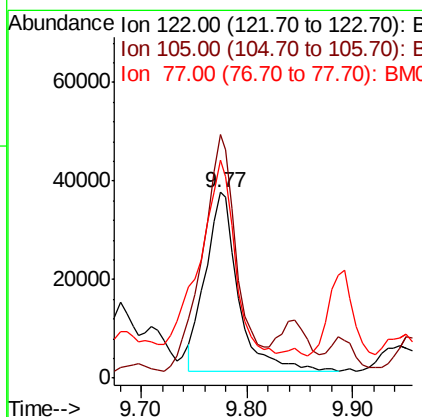
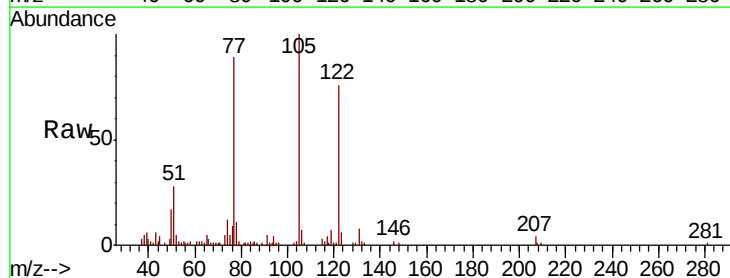
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

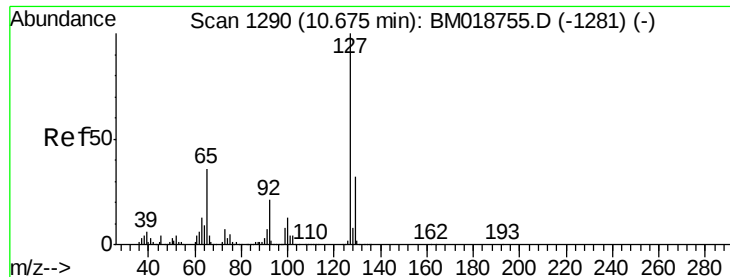
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.7	16.1



#32
Benzoic acid
Concen: 5.573 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	117.5	157.5
77	117.4	98.5	138.5





#33

4-Chloroaniline

Concen: 0.078 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.08 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

Tgt Ion:127 Resp: 2133

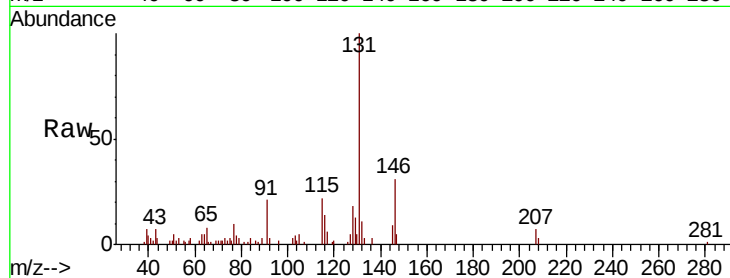
Ion Ratio Lower Upper

127 100

129 250.6 25.7 38.5#

65 147.0 28.7 43.1#

92 60.3 17.0 25.4#



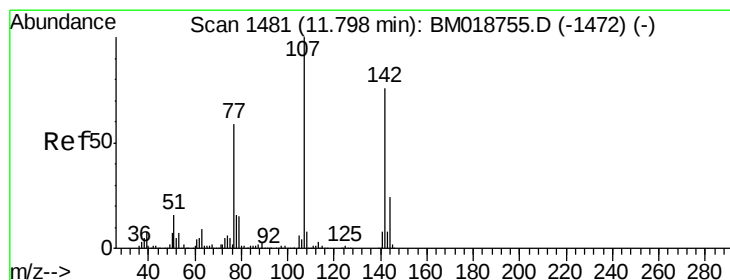
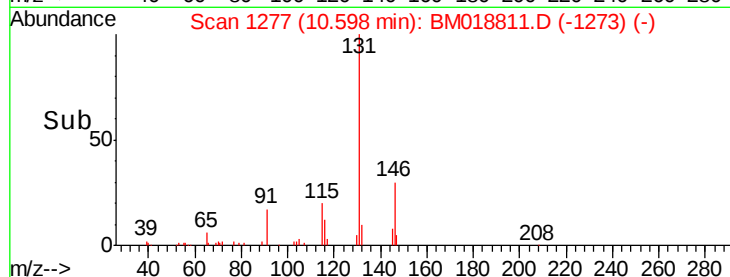
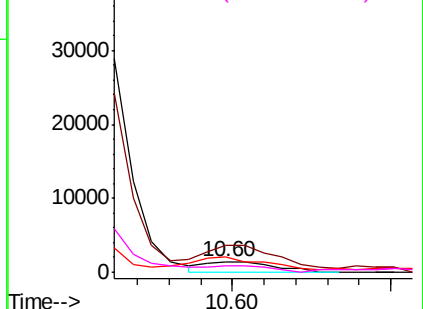
Abundance

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



#36

4-Chloro-3-methylphenol

Concen: 0.005 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

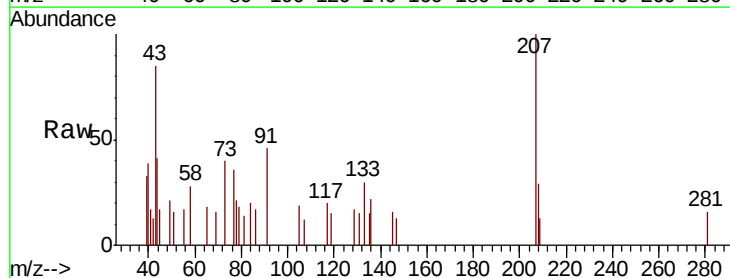
Tgt Ion:107 Resp: 106

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

142 0.0 60.5 90.7#

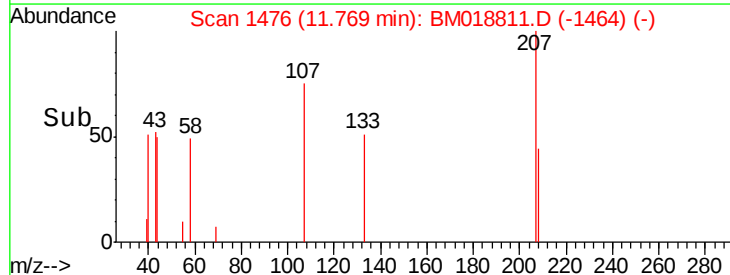
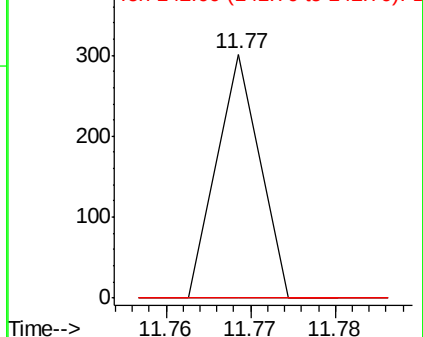


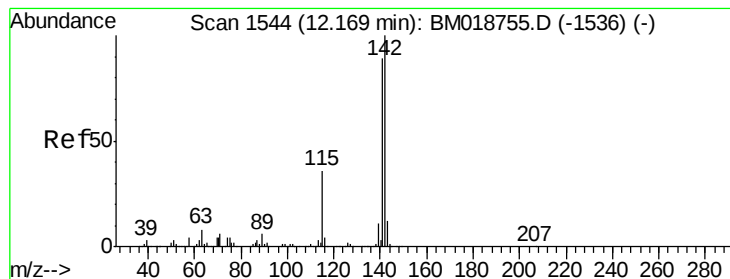
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 4.014 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

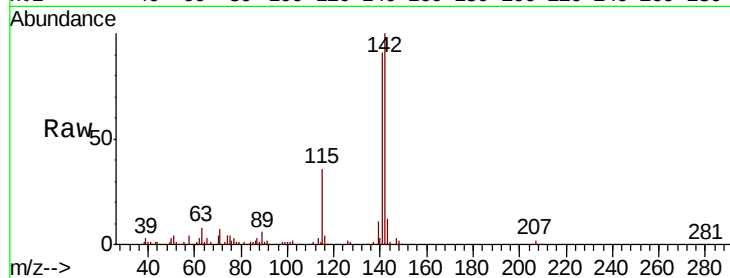
Tgt Ion:142 Resp: 172962

Ion Ratio Lower Upper

142 100

141 90.8 71.2 106.8

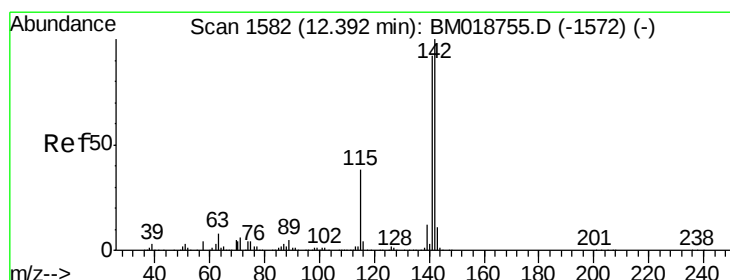
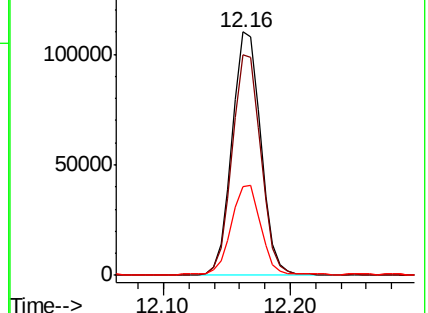
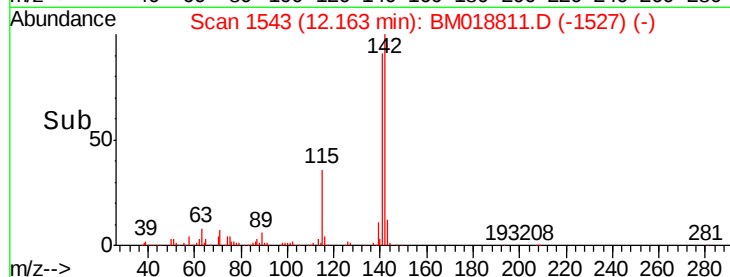
115 36.3 29.1 43.7



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: 1.734 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

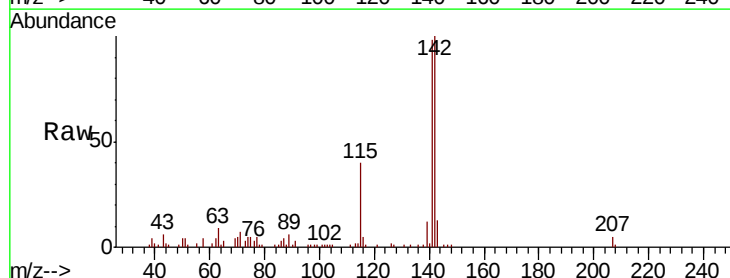
Tgt Ion:142 Resp: 73054

Ion Ratio Lower Upper

142 100

141 97.9 73.9 110.9

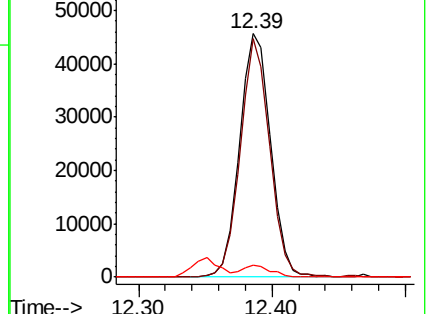
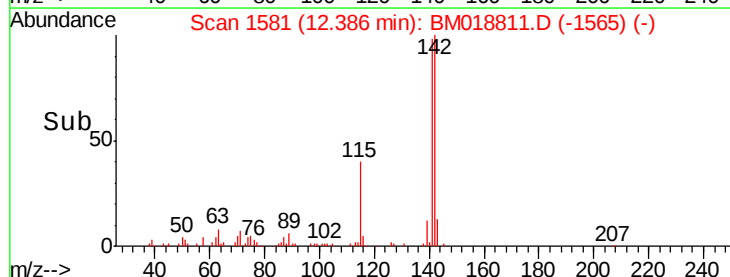
116 4.7 3.0 4.4#

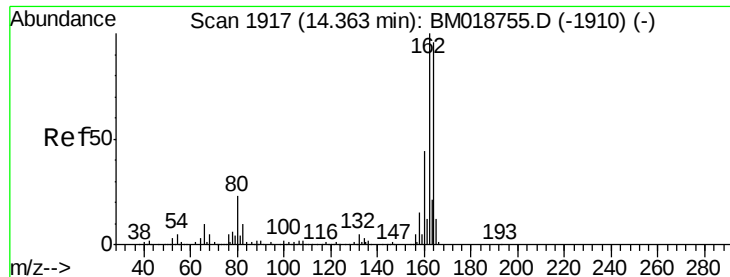


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

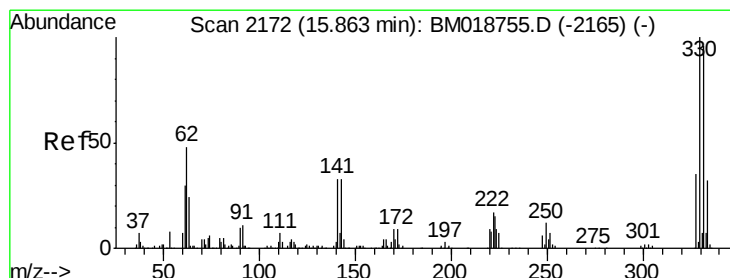
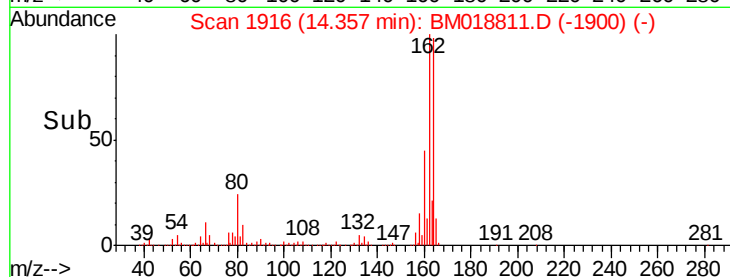
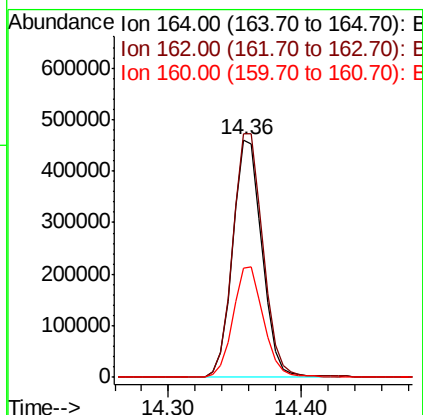
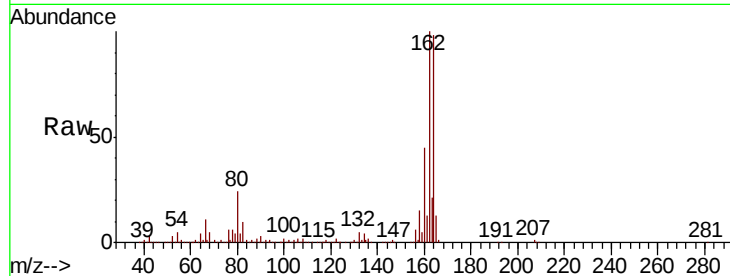




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

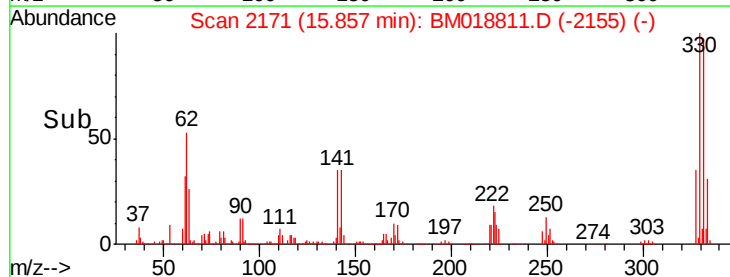
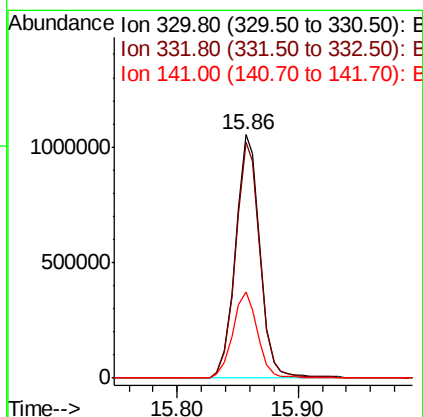
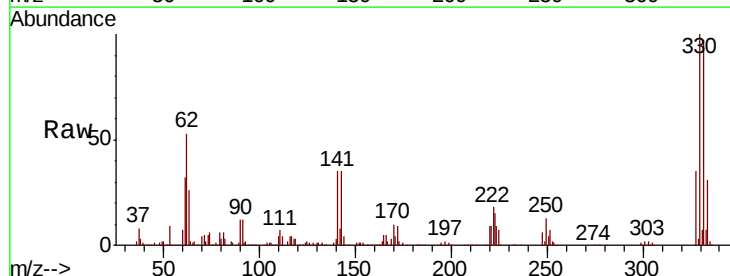
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

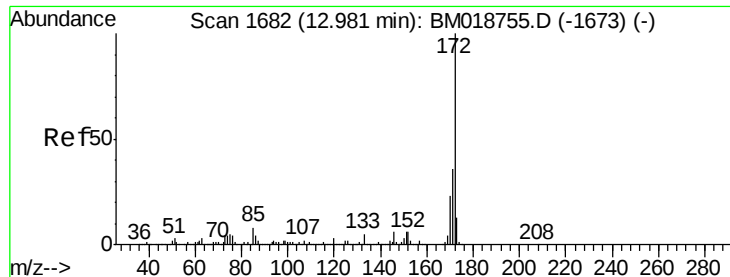
Tgt Ion:164 Resp: 705512
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.0
160 45.8 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 145.617 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion:330 Resp: 1480895
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 36.2 28.7 43.1

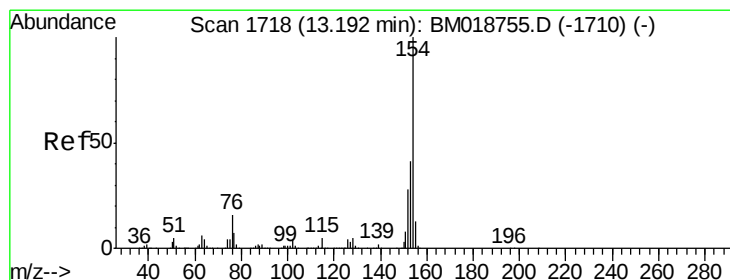
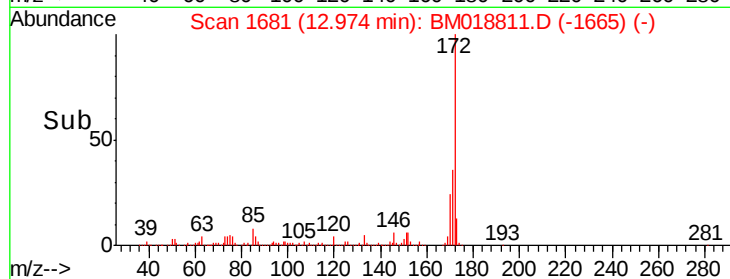
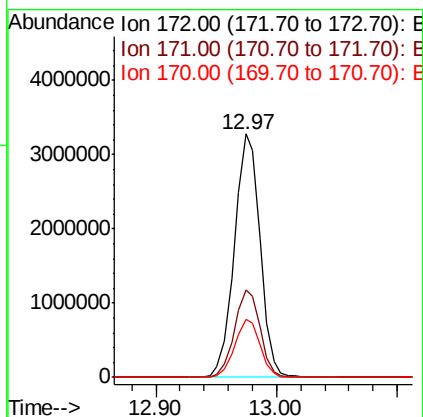
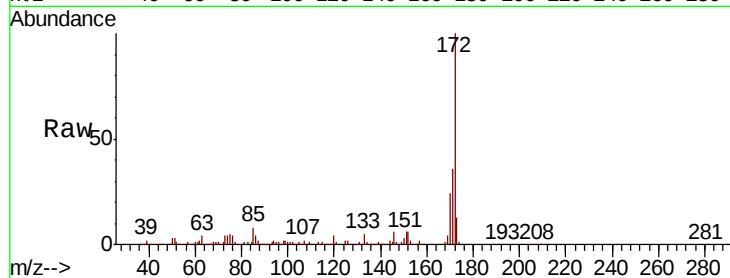




#45
2-Fluorobiphenyl
Concen: 91.456 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

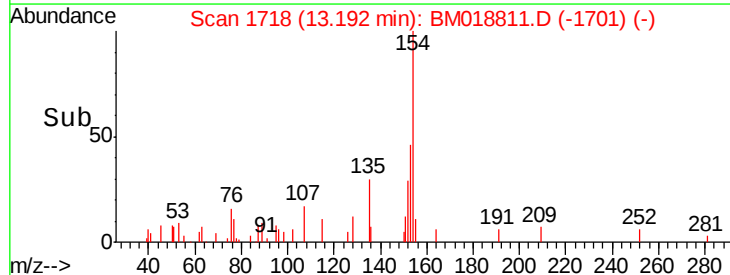
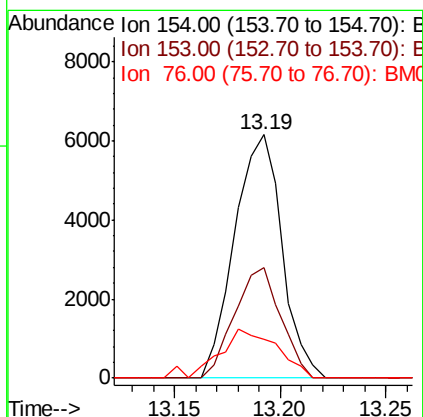
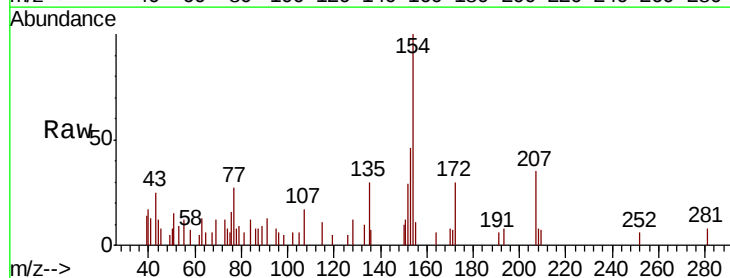
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

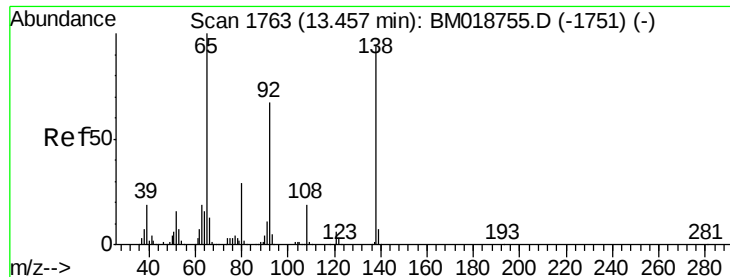
Tgt Ion:172 Resp: 4860579
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.157 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion:154 Resp: 9562
Ion Ratio Lower Upper
154 100
153 45.6 21.1 61.1
76 16.1 0.0 35.7





#48

2-Nitroaniline

Concen: 0.025 ng

RT: 13.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

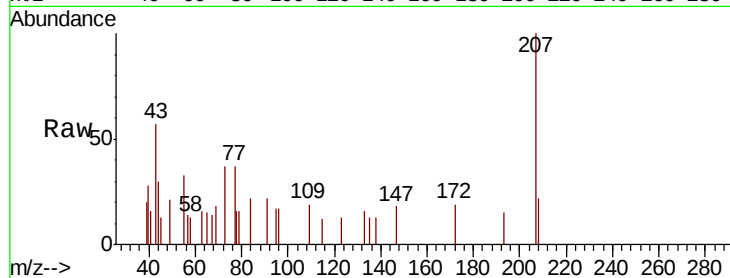
Tgt Ion: 65 Resp: 384

Ion Ratio Lower Upper

65 100

92 0.0 54.0 81.0#

138 81.7 74.9 112.3

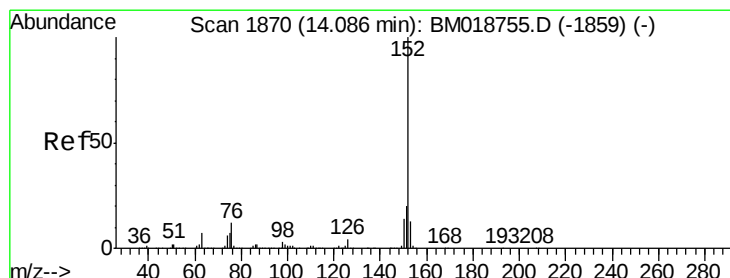
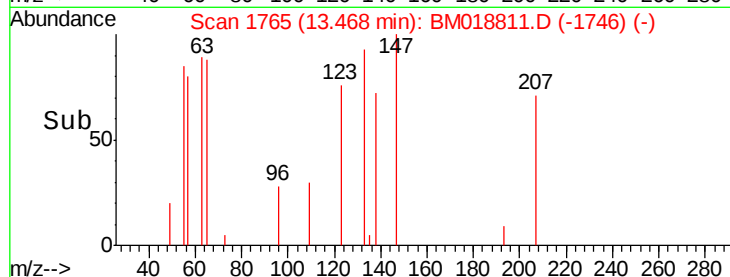
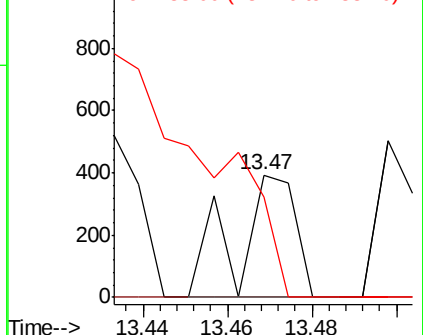


Abundance

Ion 65.00 (64.70 to 65.70): BM018811.D (-1746) (-)

Ion 92.00 (91.70 to 92.70): BM018811.D (-1746) (-)

Ion 138.00 (137.70 to 138.70): BM018811.D (-1746) (-)



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

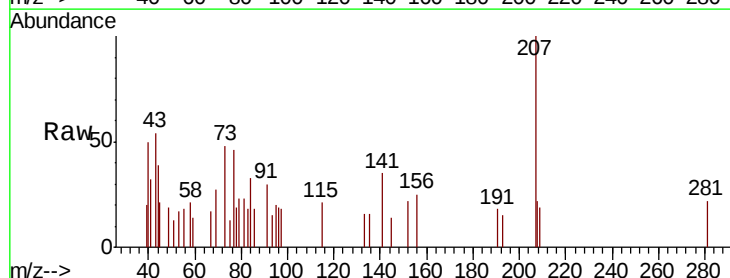
Tgt Ion: 152 Resp: 286

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.8#

153 0.0 10.5 15.7#

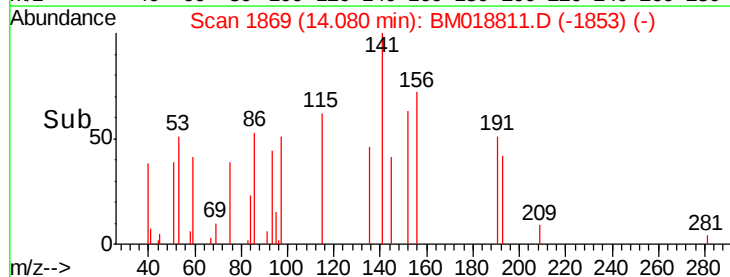
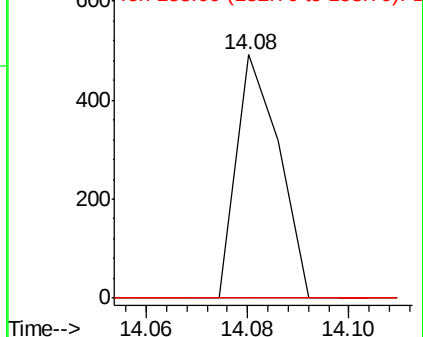


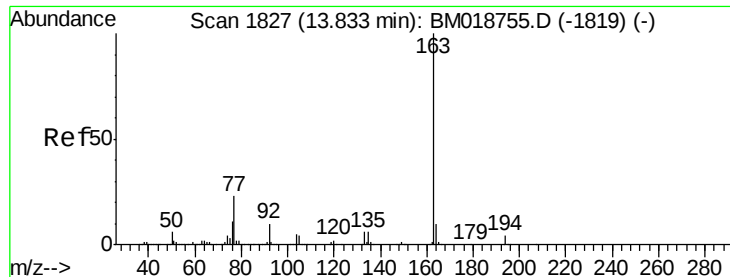
Abundance

Ion 152.00 (151.70 to 152.70): BM018811.D (-1853) (-)

Ion 151.00 (150.70 to 151.70): BM018811.D (-1853) (-)

Ion 153.00 (152.70 to 153.70): BM018811.D (-1853) (-)





#50

Dimethylphthalate

Concen: 0.013 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

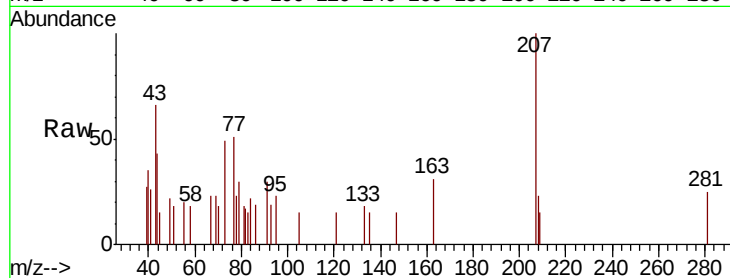
Tgt Ion:163 Resp: 791

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 0.0 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

13.82

600

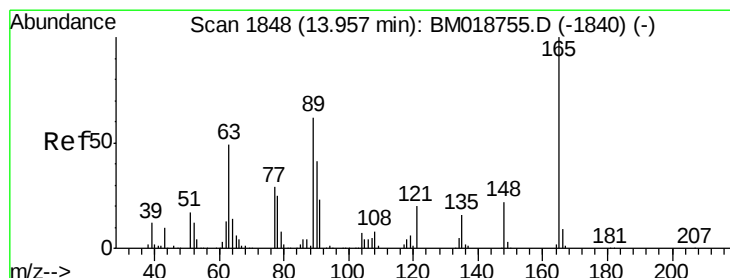
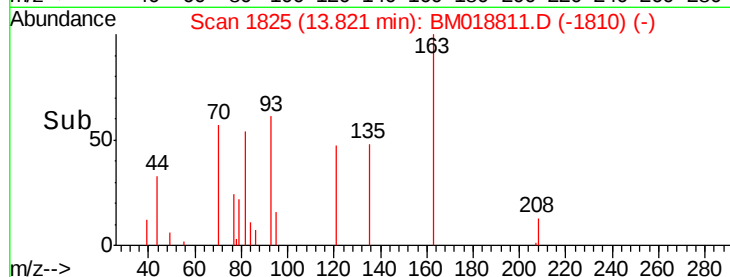
400

200

0

13.80 13.82 13.84 13.86

Time-->



#51

2,6-Dinitrotoluene

Concen: 0.054 ng

RT: 13.87 min Scan# 1834

Delta R.T. -0.08 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

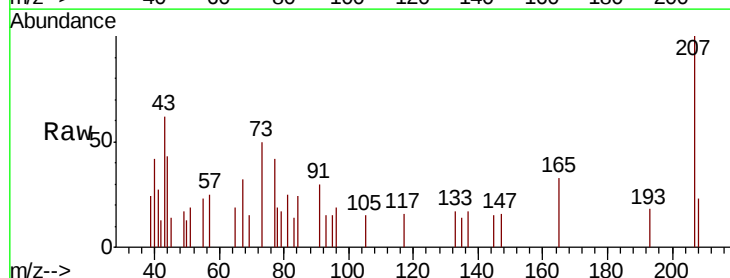
Tgt Ion:165 Resp: 682

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

89 0.0 49.4 74.0#



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

13.87

1000

800

600

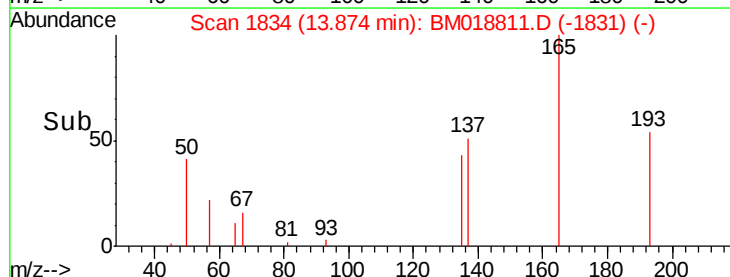
400

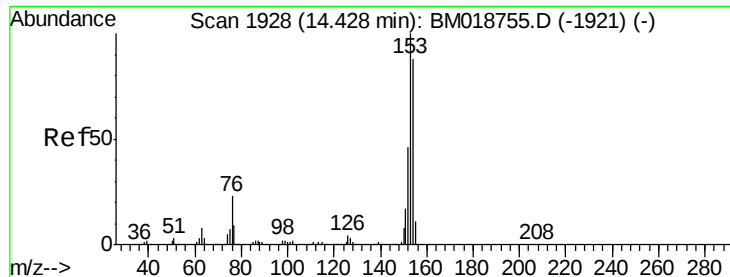
200

0

13.86 13.88 13.90

Time-->





#52

Acenaphthene

Concen: 0.009 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

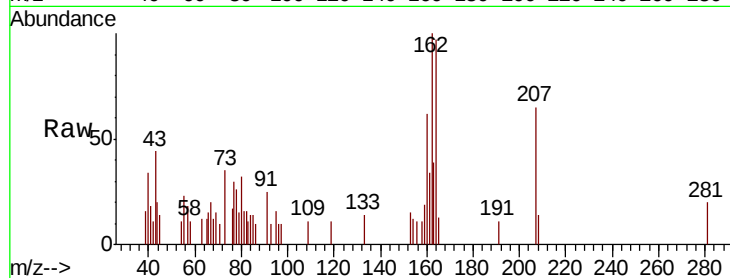
Tgt Ion:154 Resp: 393

Ion Ratio Lower Upper

154 100

153 127.3 91.3 136.9

152 0.0 42.2 63.4#

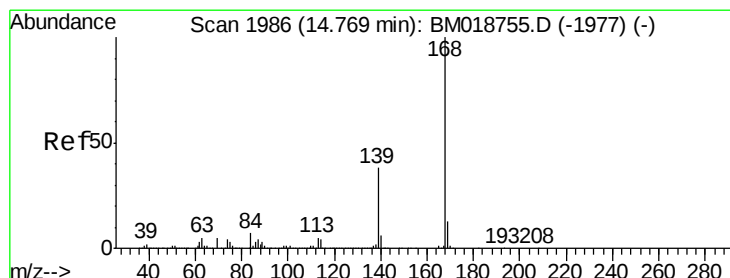
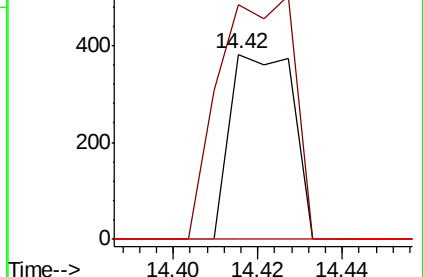
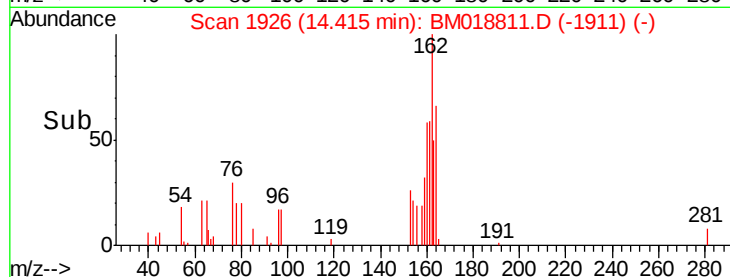


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.42



#55

Dibenzofuran

Concen: 0.007 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

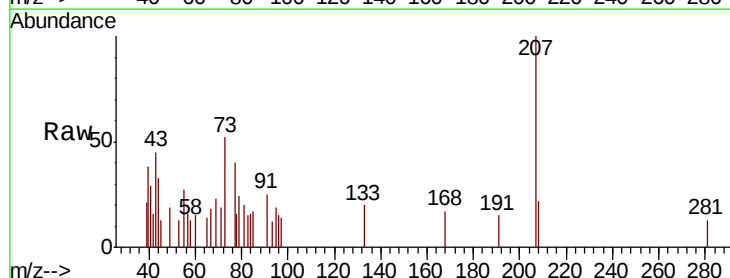
Tgt Ion:168 Resp: 499

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

169 0.0 10.3 15.5#

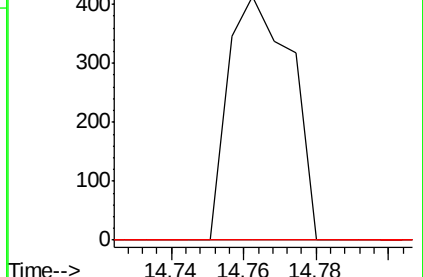
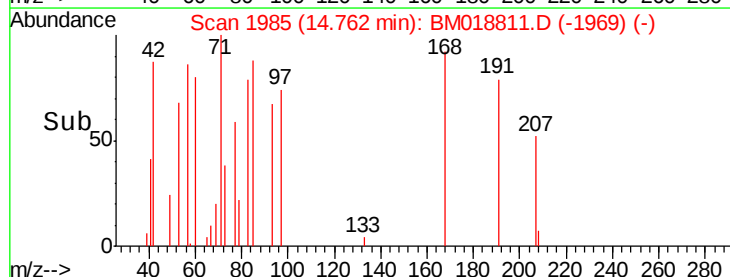


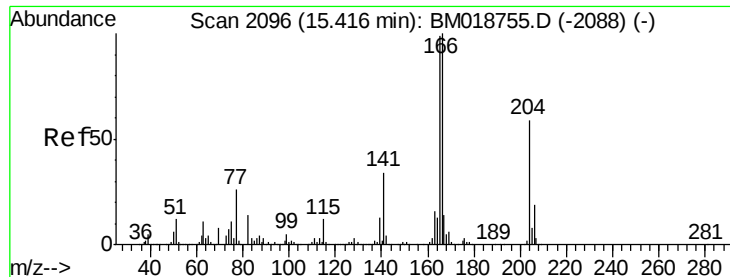
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

14.76

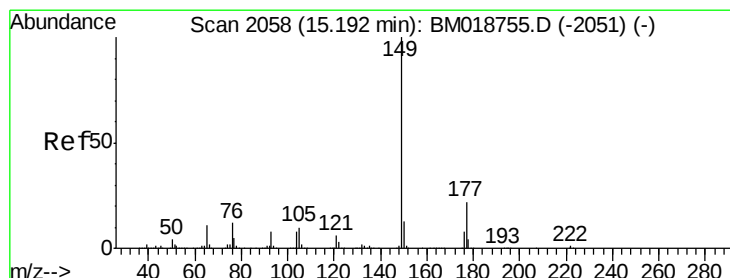
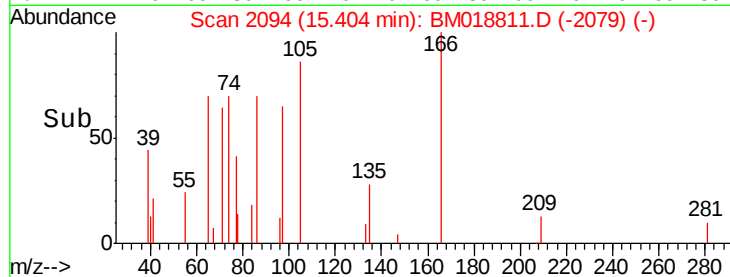
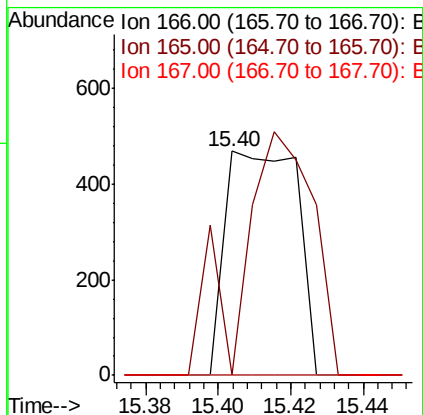
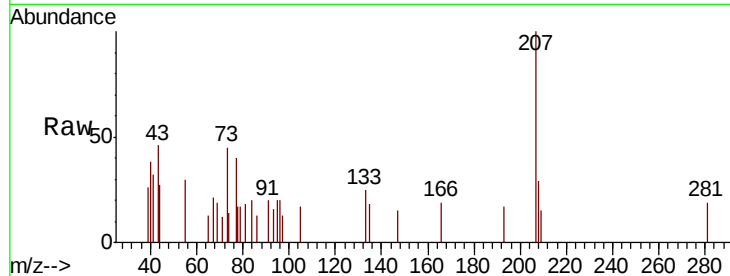




#58
 Fluorene
 Concen: 0.012 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

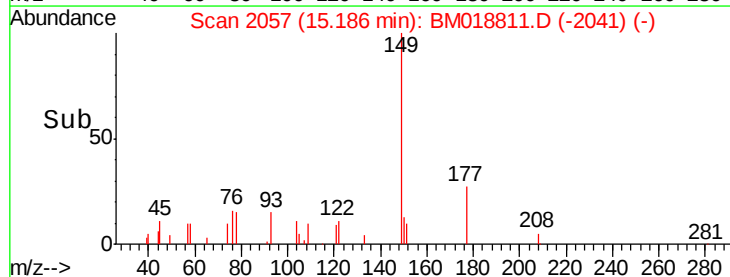
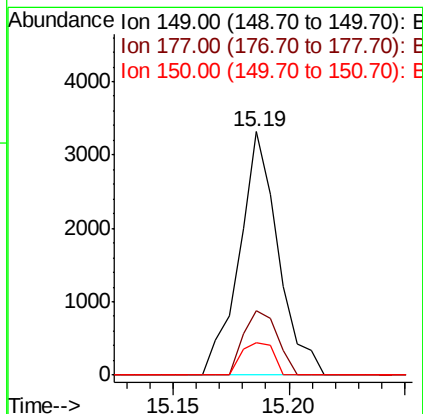
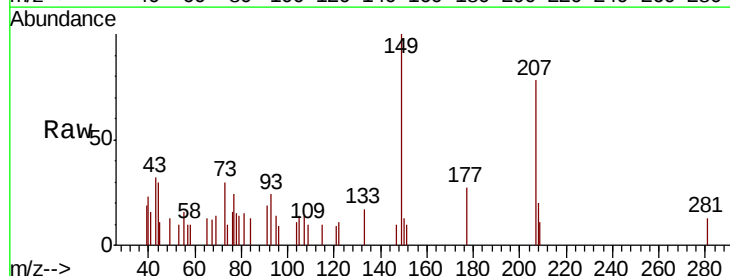
Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

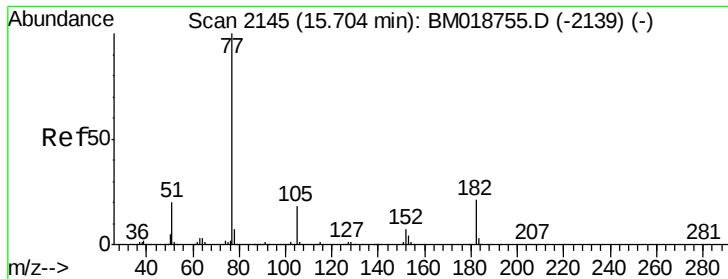
Tgt Ion:166 Resp: 645
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.1 118.7#
 167 0.0 11.0 16.4#



#60
 Diethylphthalate
 Concen: 0.064 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion:149 Resp: 3895
 Ion Ratio Lower Upper
 149 100
 177 26.7 17.2 25.8#
 150 13.2 10.2 15.2





#63

Azobenzene

Concen: 0.006 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

Tgt Ion: 77 Resp: 393

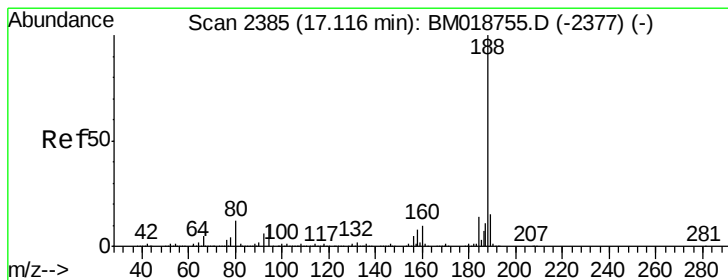
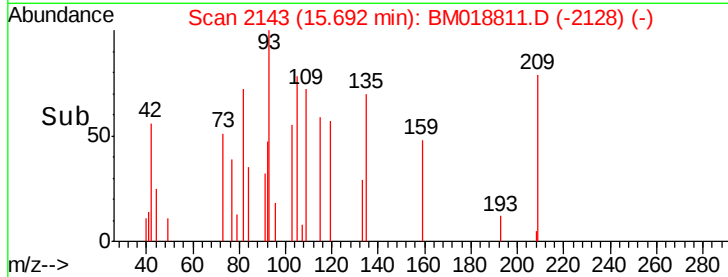
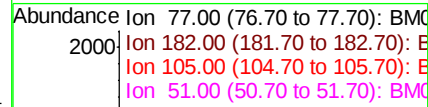
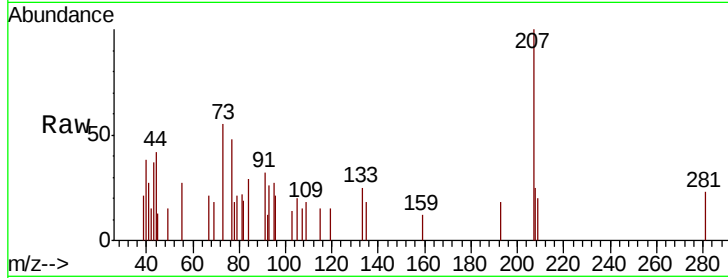
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 42.0 0.0 37.7#

51 0.0 0.3 40.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

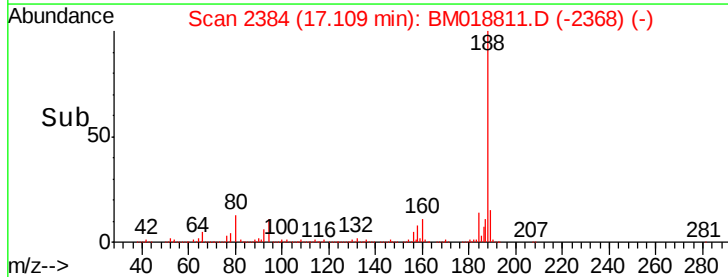
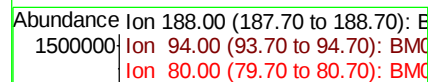
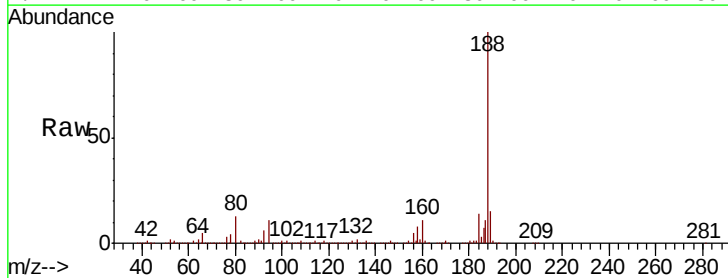
Tgt Ion: 188 Resp: 1610668

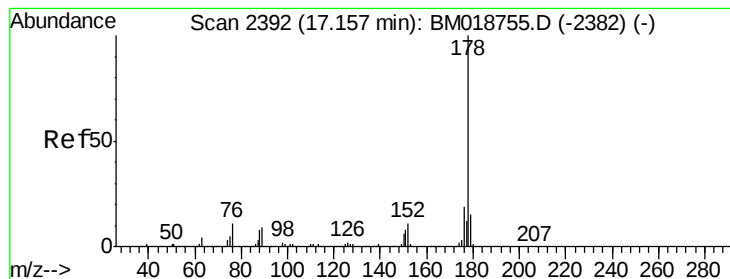
Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 12.9 9.7 14.5





#71

Phenanthrene

Concen: 0.031 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

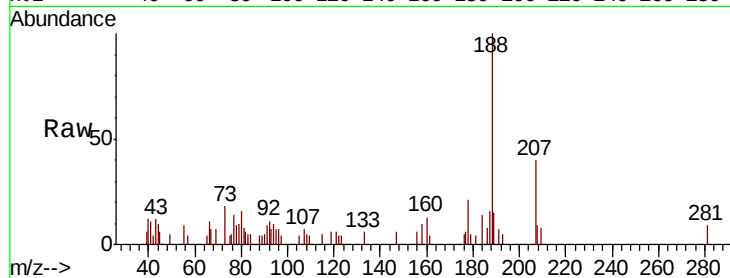
Tgt Ion:178 Resp: 2652

Ion Ratio Lower Upper

178 100

176 25.5 15.4 23.0#

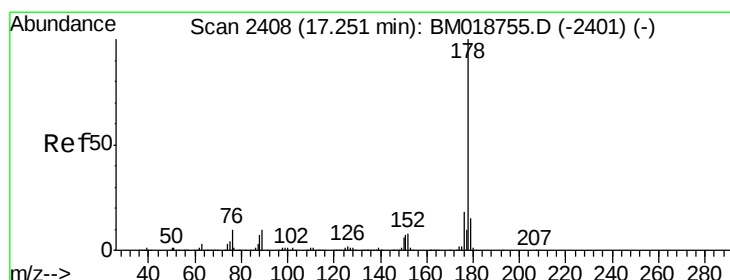
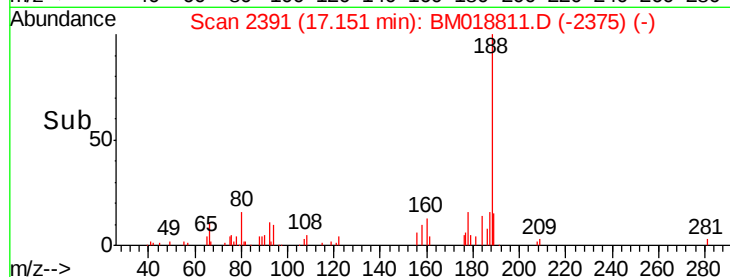
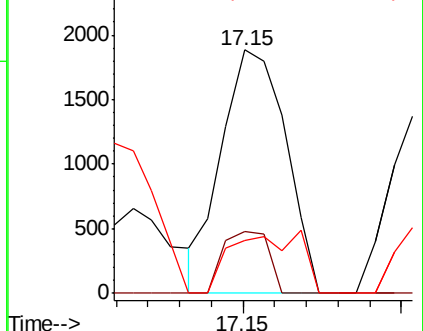
179 21.8 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.043 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.04 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

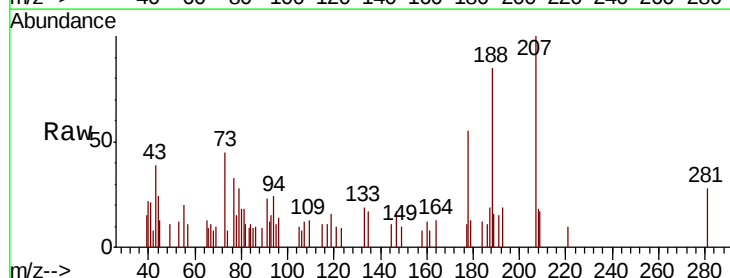
Tgt Ion:178 Resp: 3626

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

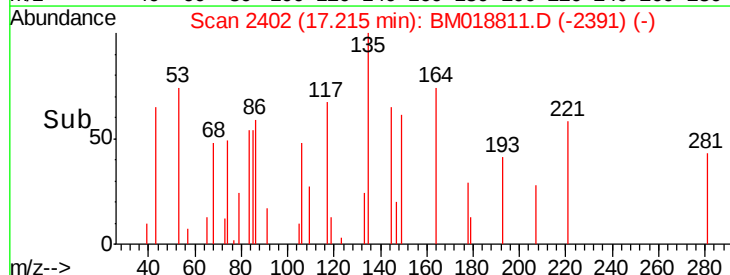
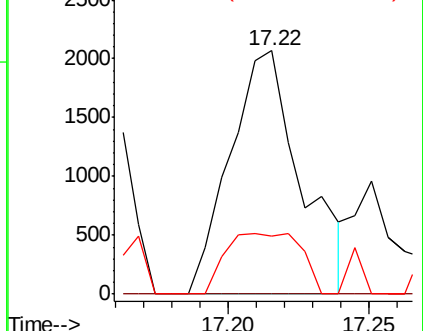
179 24.0 12.1 18.1#

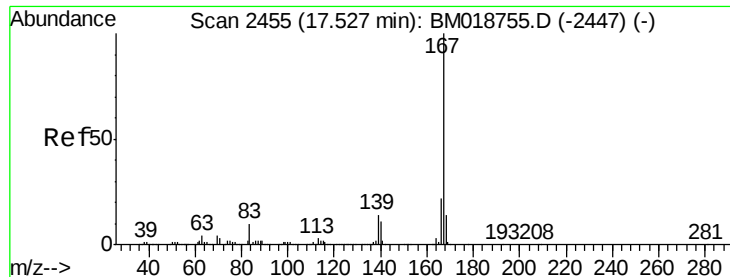


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

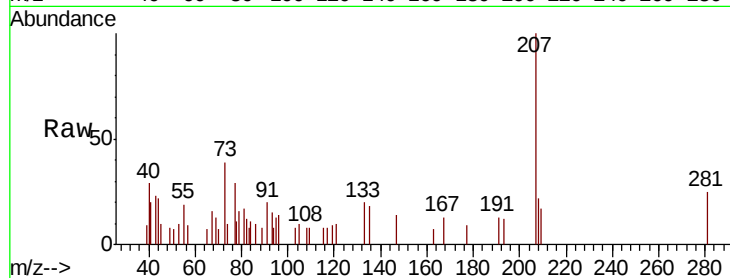




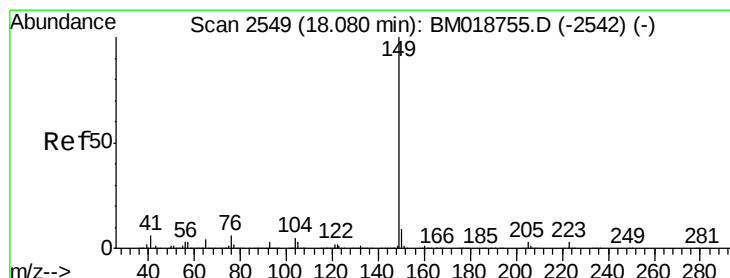
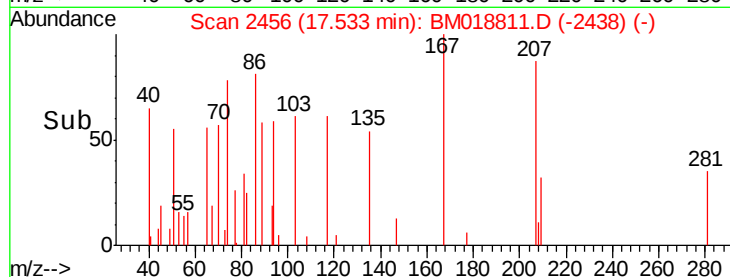
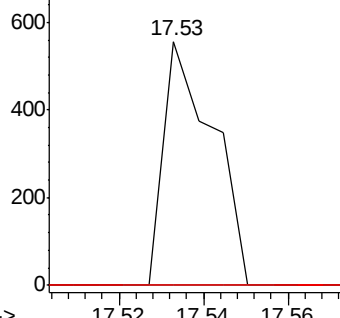
#73
 Carbazole
 Concen: 0.005 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

Tgt Ion:167 Resp: 452
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.7 26.5#
 139 0.0 10.9 16.3#

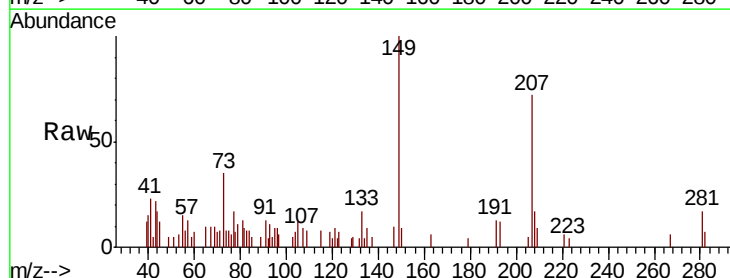


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

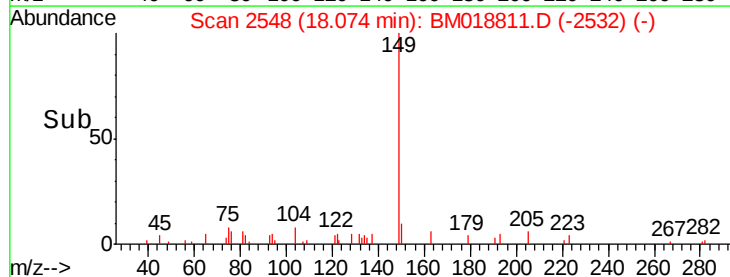
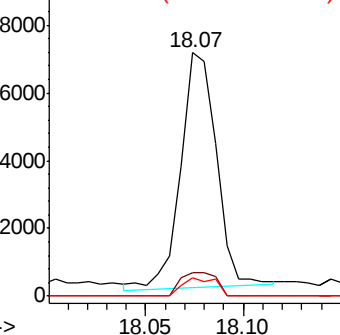


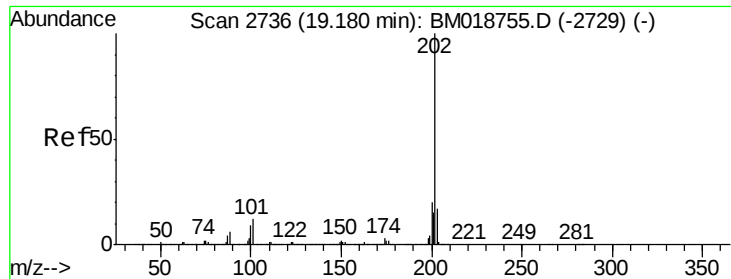
#74
 Di-n-butylphthalate
 Concen: 0.087 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion:149 Resp: 8850
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 7.4 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

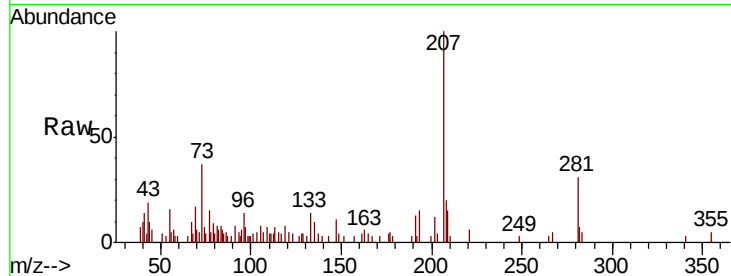




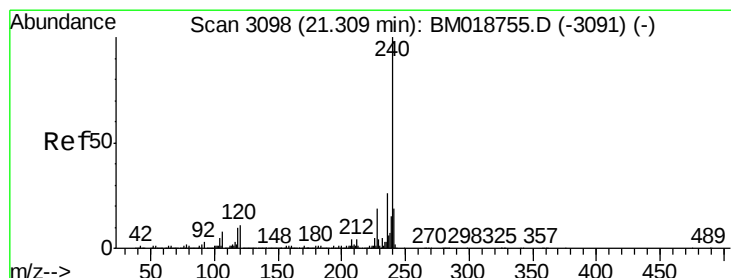
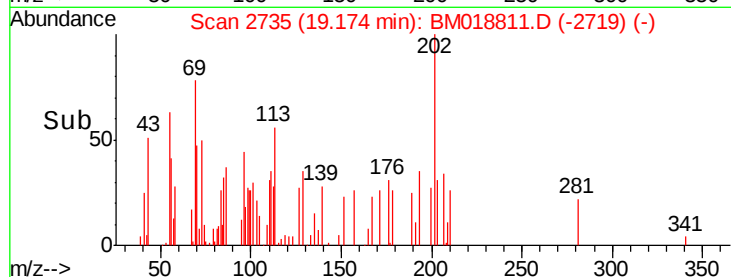
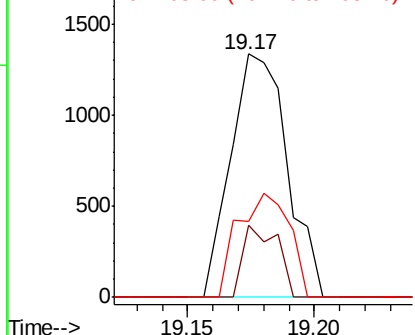
#75
Fluoranthene
Concen: 0.021 ng
RT: 19.17 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

Tgt Ion: 202 Resp: 2074
Ion Ratio Lower Upper
202 100
101 29.8 0.0 31.5
203 31.1 0.0 37.3

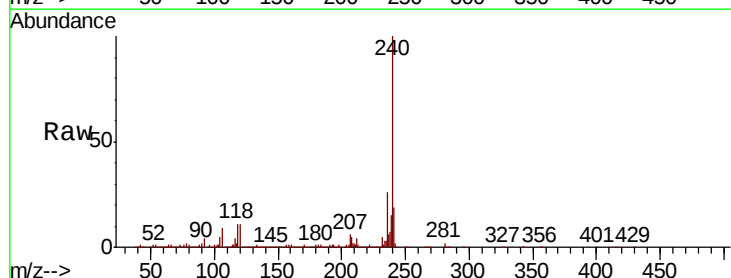


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

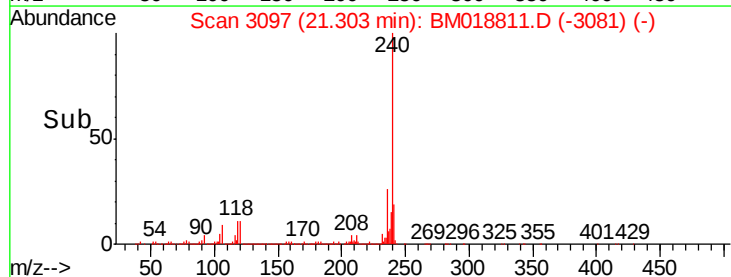
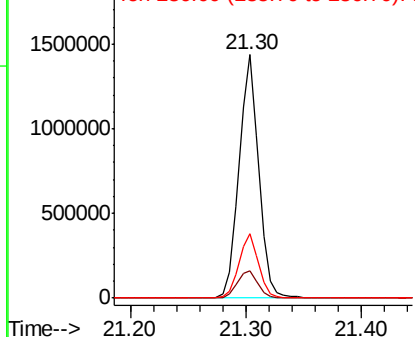


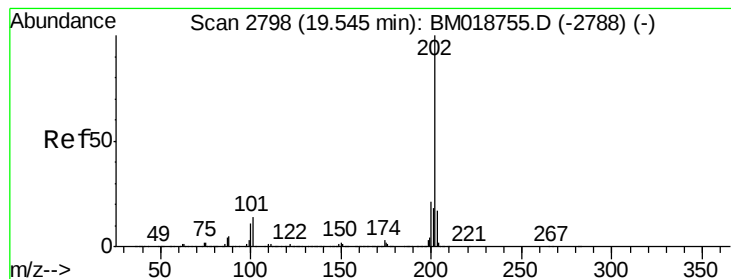
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion: 240 Resp: 1693744
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.3 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





#78

Pyrene

Concen: 0.020 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

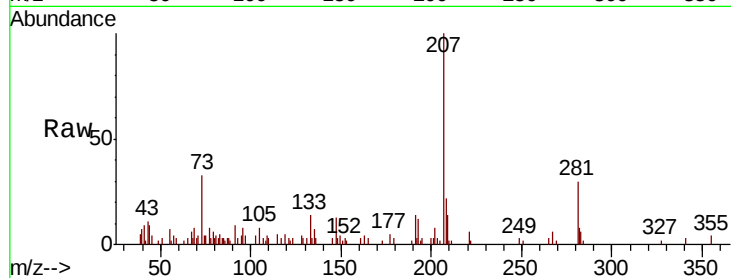
Tgt Ion:202 Resp: 1945

Ion Ratio Lower Upper

202 100

200 41.0 16.9 25.3#

203 34.4 13.8 20.8#

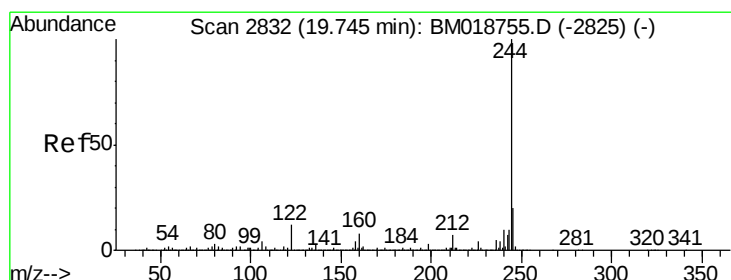
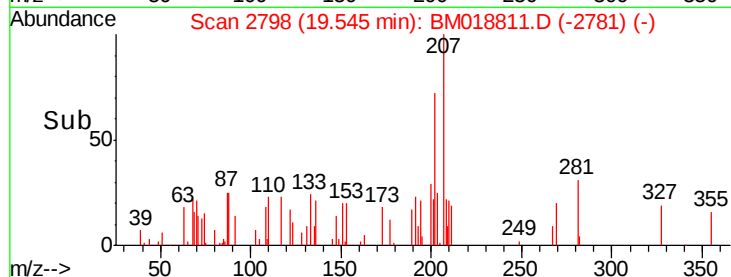
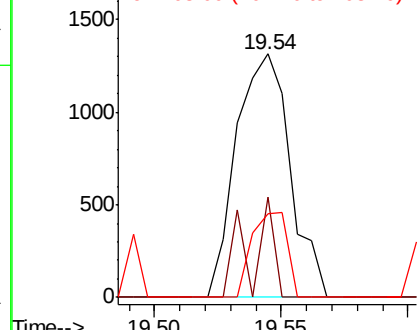


Abundance

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: 102.688 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

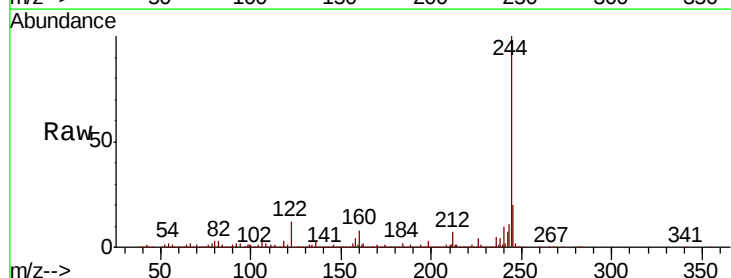
Tgt Ion:244 Resp: 8431210

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.7 9.3 13.9

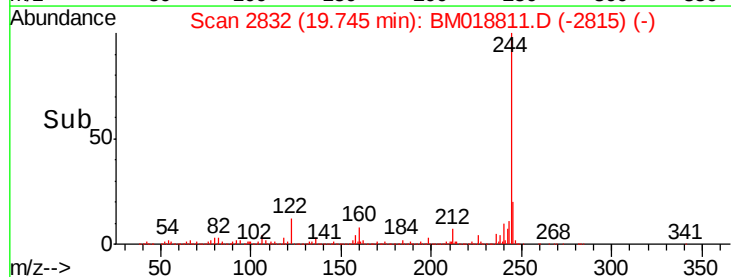
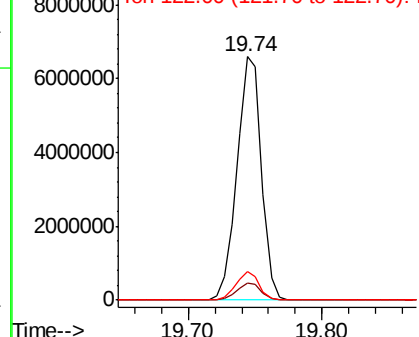


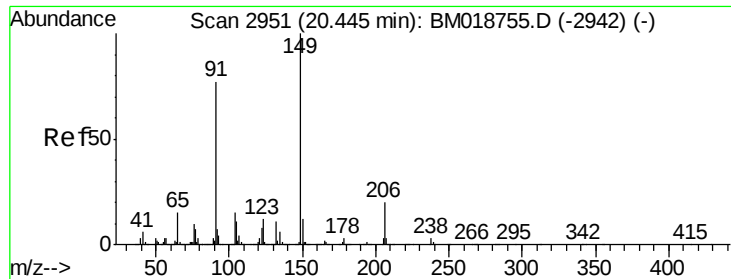
Abundance

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

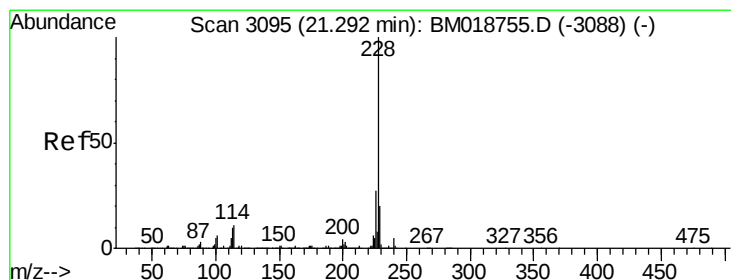
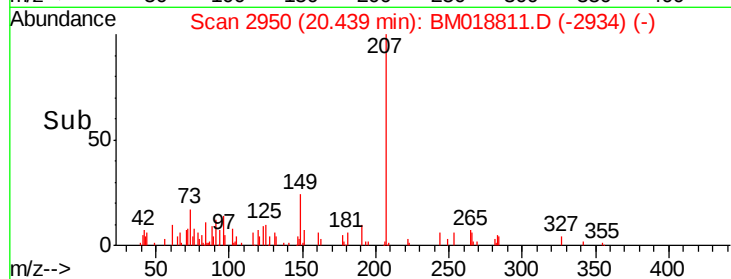
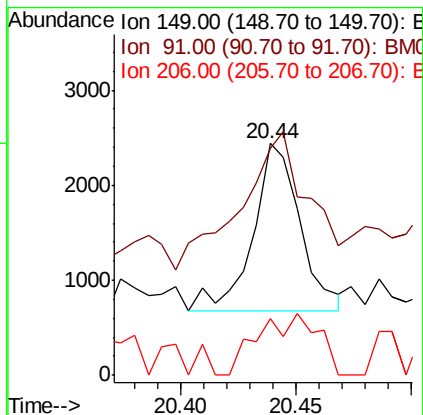
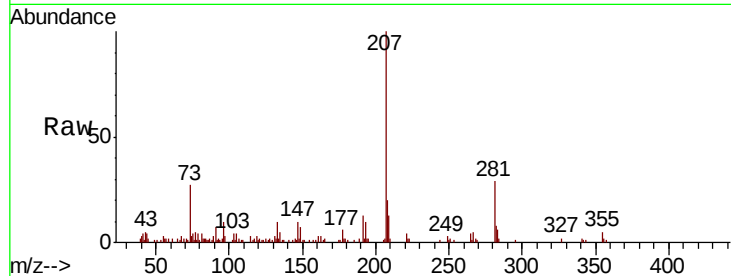




#80
Butylbenzylphthalate
Concen: 0.056 ng
RT: 20.44 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

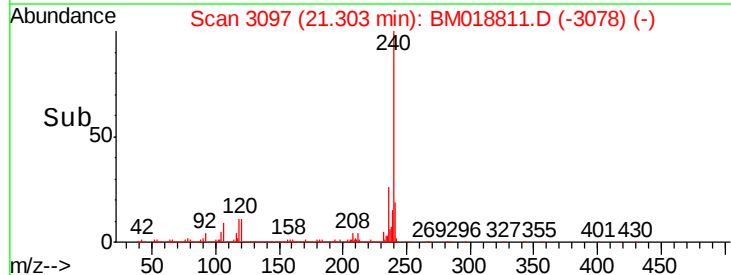
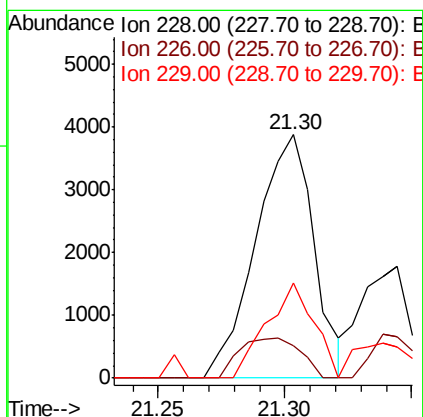
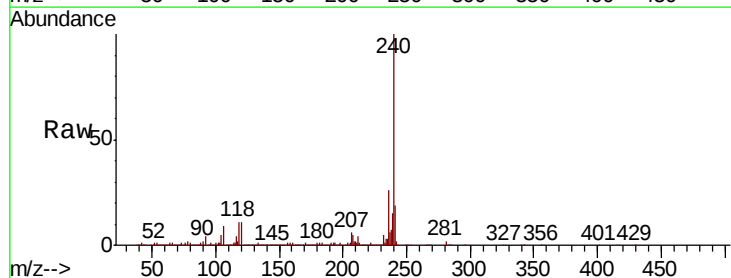
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

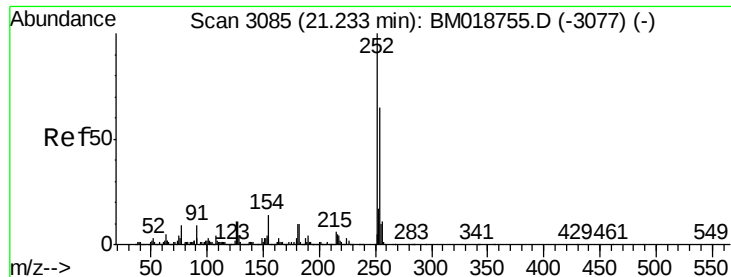
Tgt Ion:149 Resp: 2526
Ion Ratio Lower Upper
149 100
91 98.0 61.4 92.0#
206 24.3 15.8 23.8#



#81
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion:228 Resp: 6247
Ion Ratio Lower Upper
228 100
226 13.6 21.9 32.9#
229 39.1 15.9 23.9#

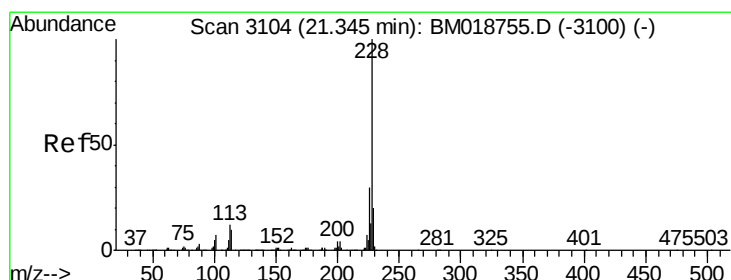
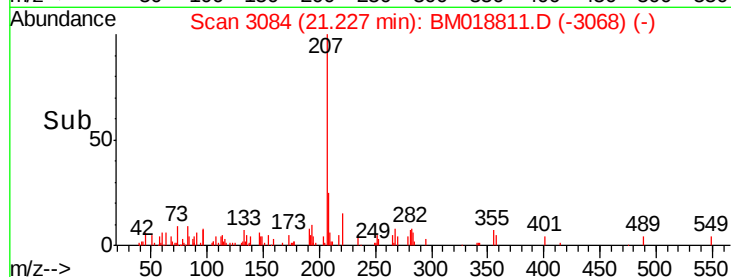
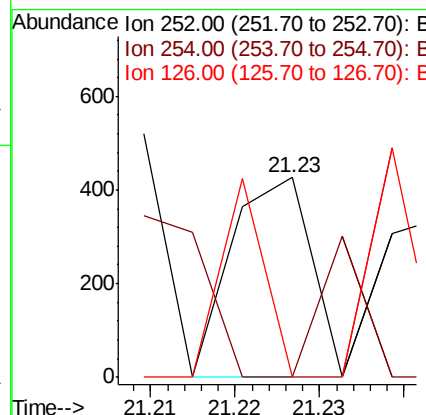
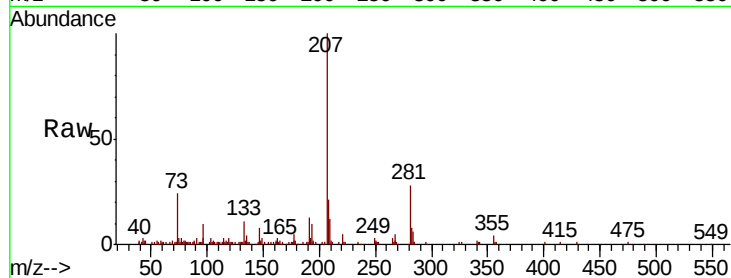




#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

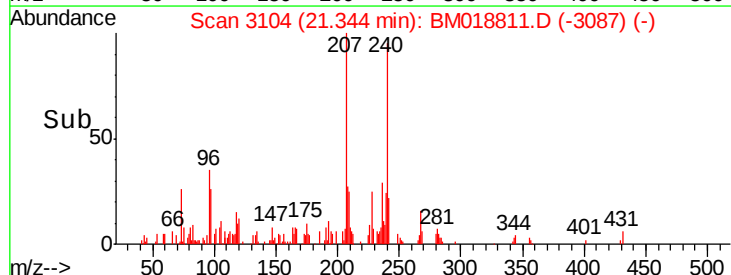
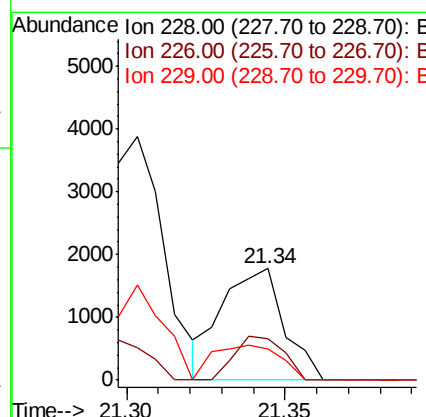
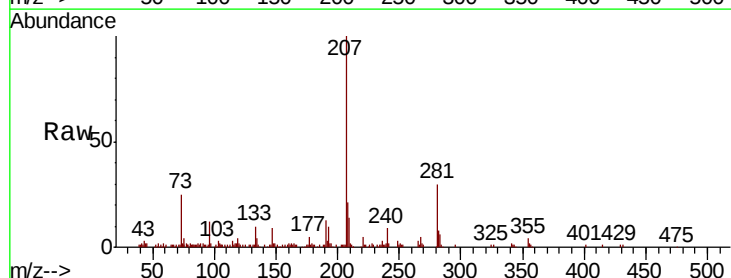
Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

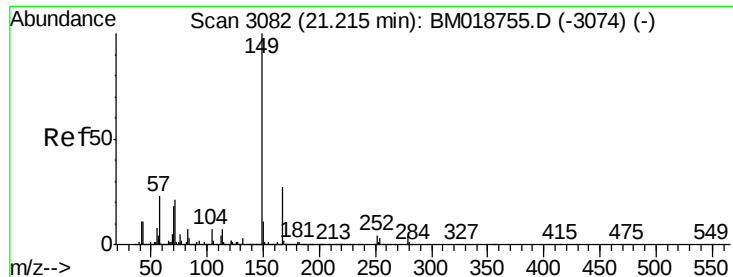
Tgt Ion: 252 Resp: 279
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.8 77.8#
 126 0.0 9.1 13.7#



#83
 Chrysene
 Concen: 0.025 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion: 228 Resp: 2413
 Ion Ratio Lower Upper
 228 100
 226 36.8 24.1 36.1#
 229 28.2 16.0 24.0#

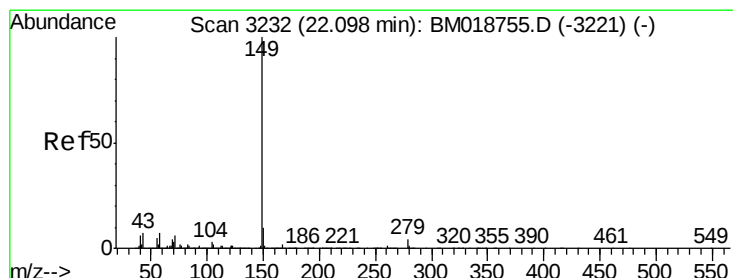
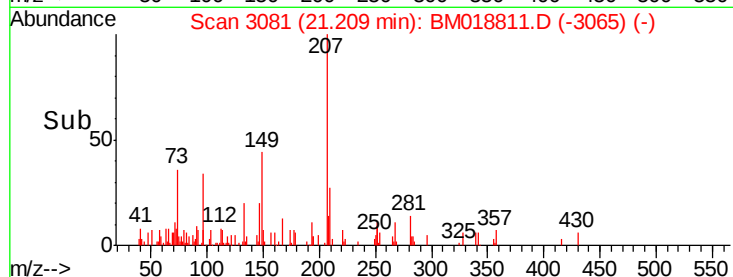
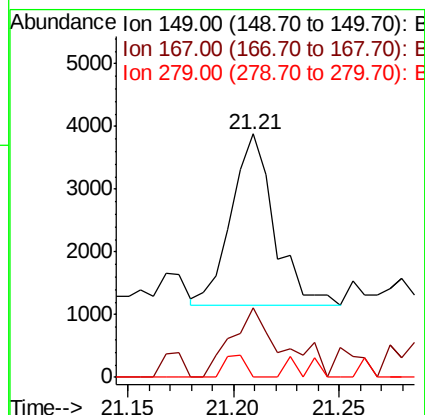
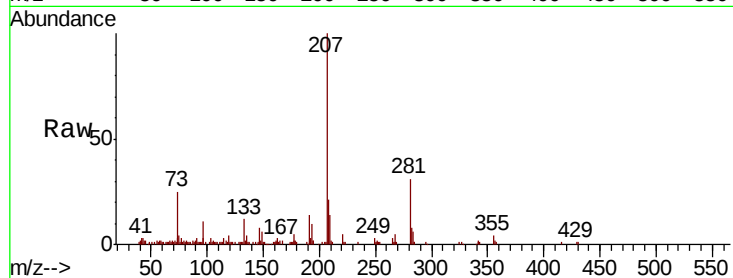




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

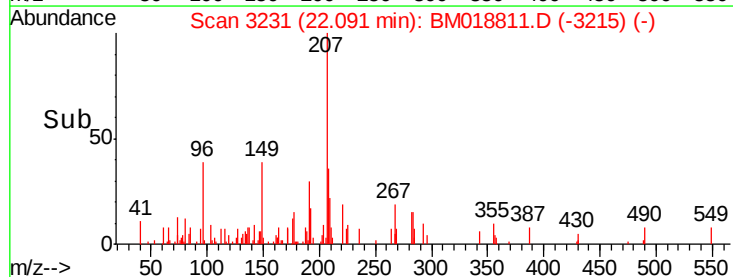
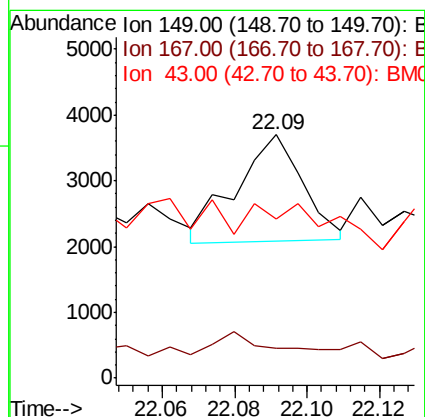
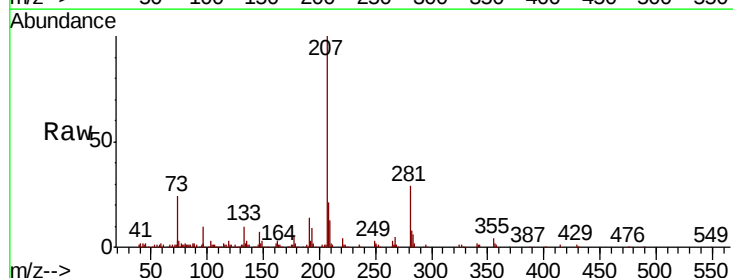
Instrument :
 BNA_M
 ClientSampleId :
 IDW-LIQUID-01

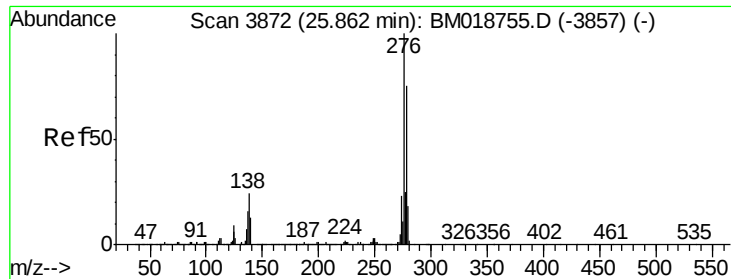
Tgt Ion:149 Resp: 3841
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.8 32.6
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.019 ng
 RT: 22.09 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BM018811.D
 Acq: 13 Feb 2019 20:48

Tgt Ion:149 Resp: 2059
 Ion Ratio Lower Upper
 149 100
 167 34.9 1.3 1.9#
 43 51.2 6.0 9.0#

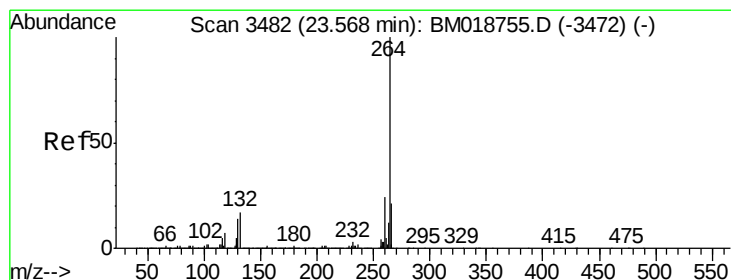
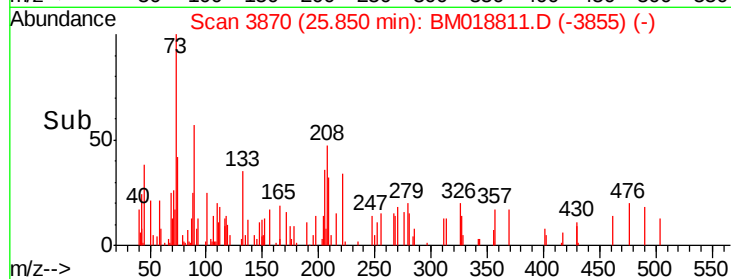
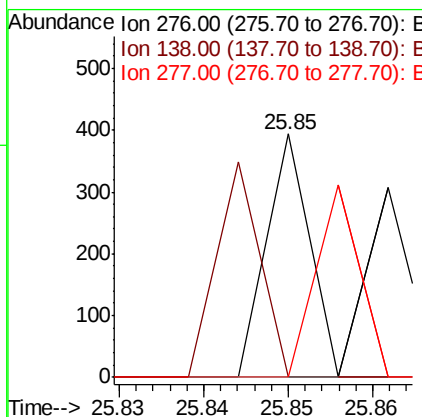
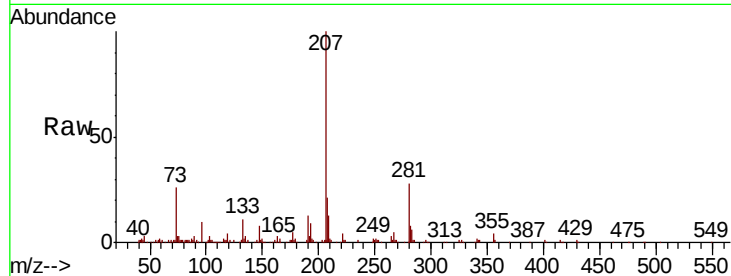




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

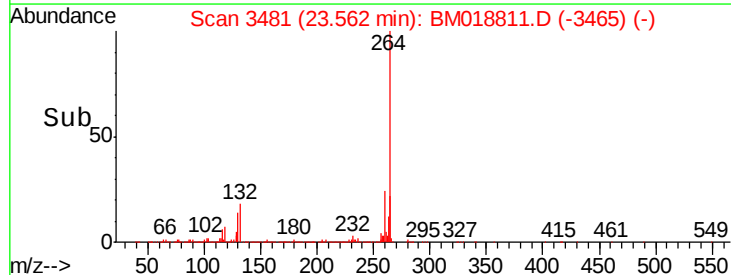
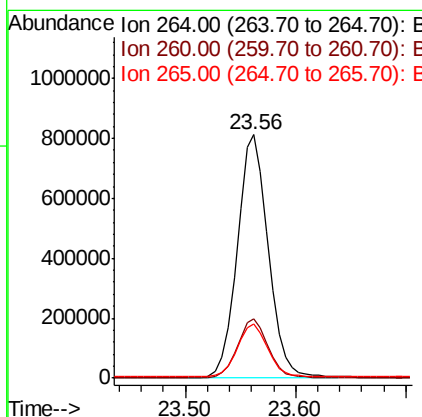
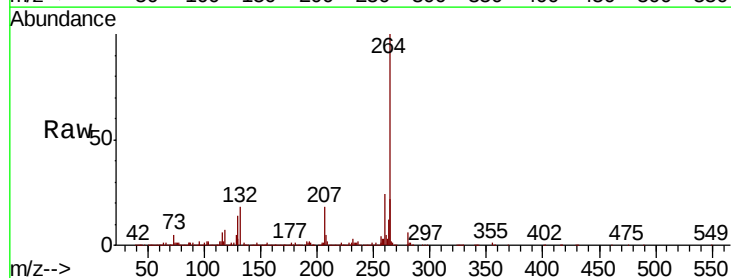
Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01

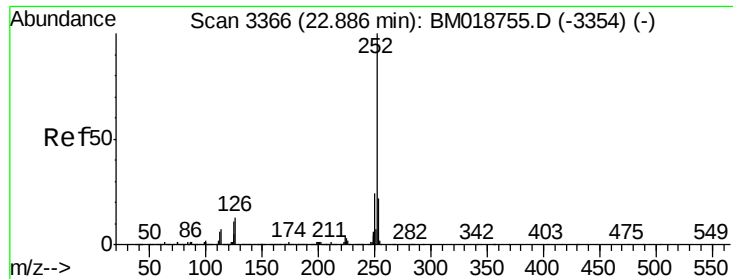
Tgt Ion	Ratio	Lower	Upper
276	100		
138	88.5	20.2	30.4#
277	79.1	20.3	30.5#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018811.D
Acq: 13 Feb 2019 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.1	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

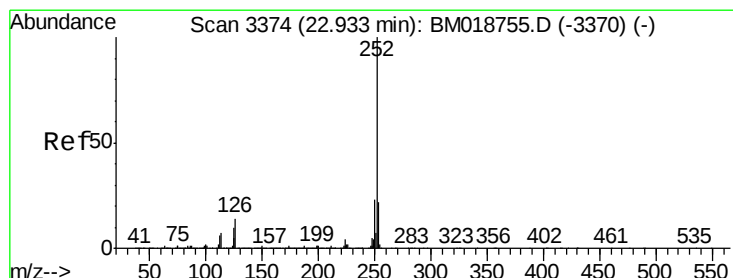
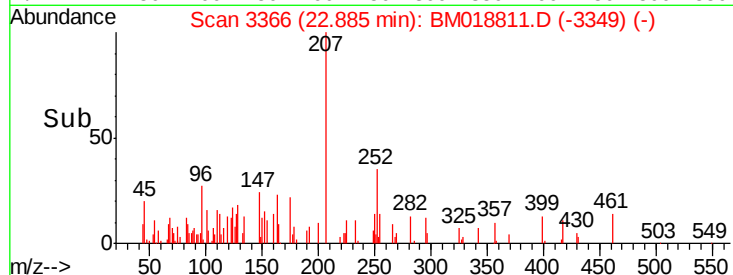
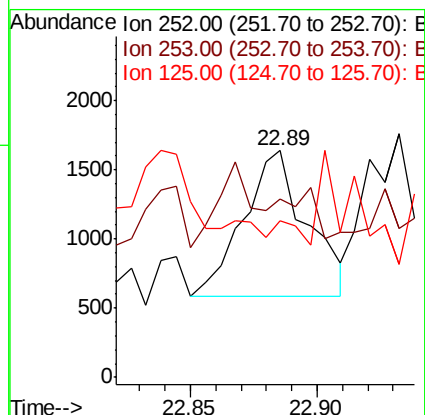
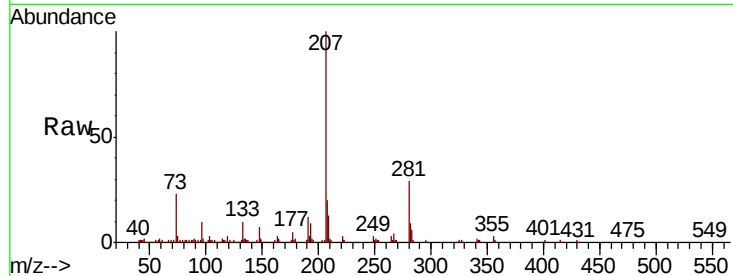
Tgt Ion:252 Resp: 1829

Ion Ratio Lower Upper

252 100

253 78.8 17.8 26.6#

125 107.3 8.6 12.8#



#89

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

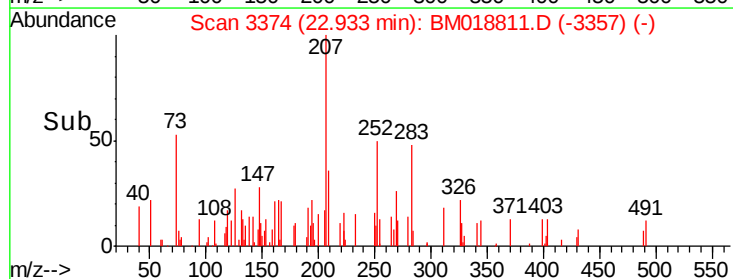
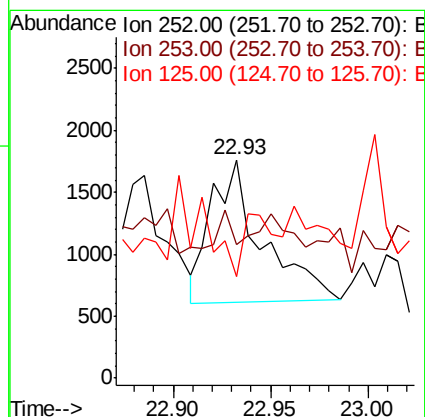
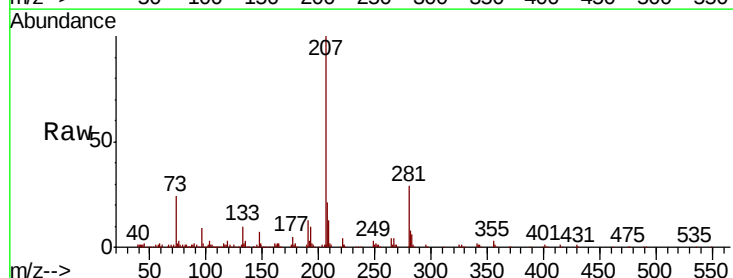
Tgt Ion:252 Resp: 2072

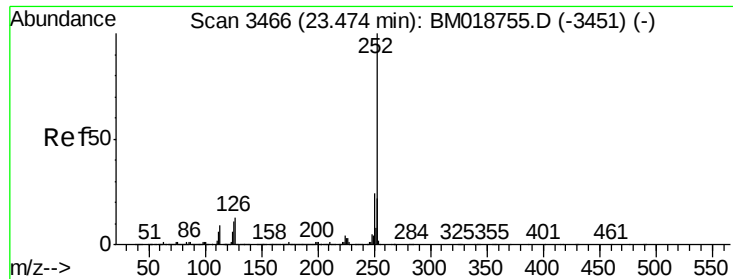
Ion Ratio Lower Upper

252 100

253 61.4 17.7 26.5#

125 46.3 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.46 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

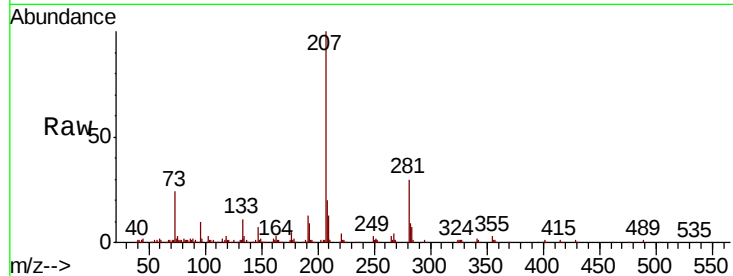
Tgt Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

253 153.0 17.4 26.0#

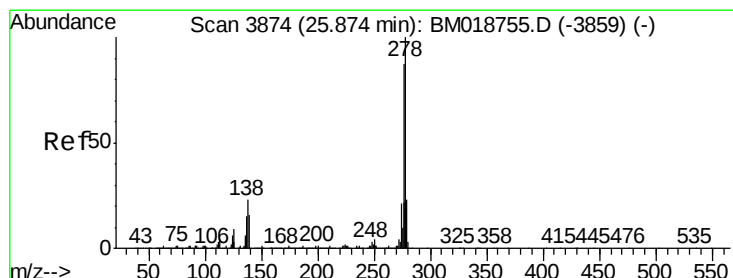
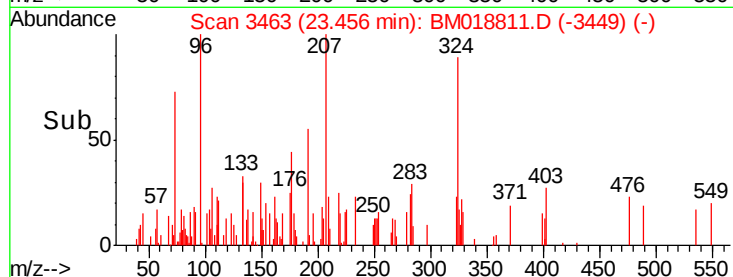
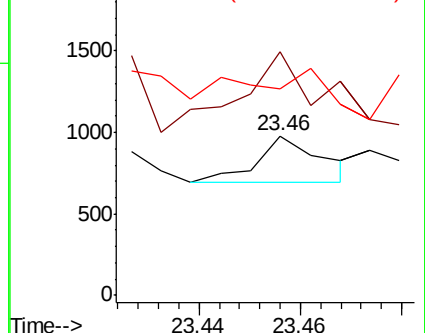
125 164.0 8.6 13.0#



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: 0.006 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

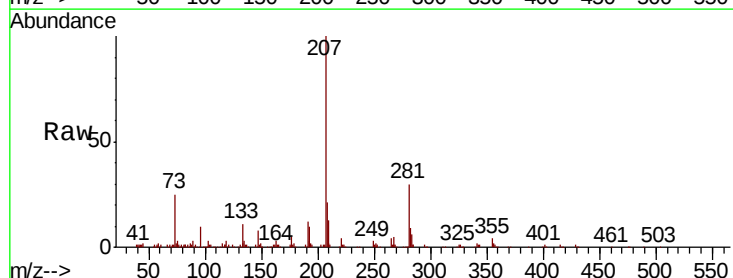
Tgt Ion:278 Resp: 499

Ion Ratio Lower Upper

278 100

139 0.0 12.6 18.8#

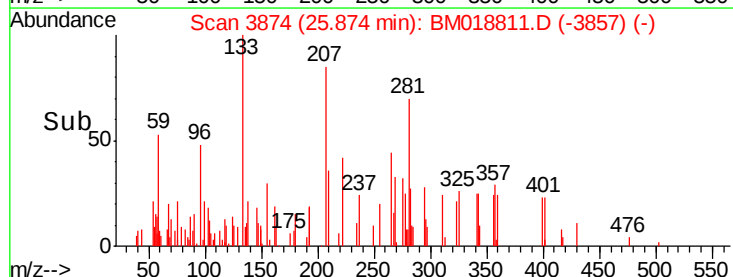
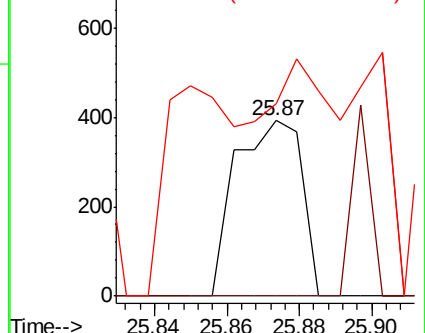
279 109.4 18.6 28.0#

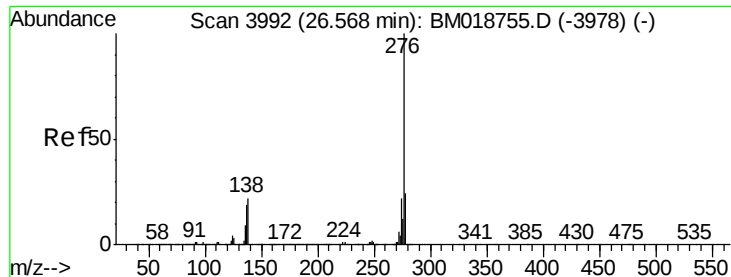


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.012 ng

RT: 26.57 min Scan# 3993

Delta R.T. 0.01 min

Lab File: BM018811.D

Acq: 13 Feb 2019 20:48

Instrument :

BNA_M

ClientSampleId :

IDW-LIQUID-01

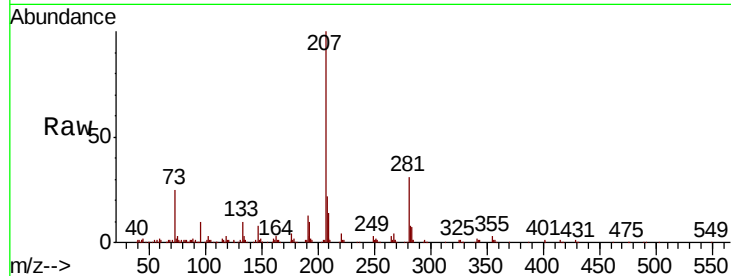
Tgt Ion: 276 Resp: 989

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 0.0 17.3 25.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

