

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011378.D
 Acq On : 31 Aug 2017 18:55
 Operator : SJ/JU
 Sample : PB101971BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:03:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	511103	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2142904	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1214457	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2725733	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3122524	20.00	ng	-0.01
86) Perylene-d12	23.91	264	3005973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4187209	137.90	ng	0.00
7) Phenol-d6	7.14	99	5390237	128.03	ng	0.00
23) Nitrobenzene-d5	9.16	82	2842411	87.41	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1826374	129.98	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7179370	85.21	ng	0.00
78) Terphenyl-d14	19.97	244	9417512	74.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	643	0.051	ng	# 100
3) Pyridine	3.84	79	1186	0.031	ng	# 1
4) n-Nitrosodimethylamine	3.75	42	983	0.050	ng	# 1
6) Aniline	7.32	93	1484	0.026	ng	# 13
8) 2-Chlorophenol	7.55	128	1575	0.044	ng	# 1
9) Benzaldehyde	7.14	77	8443	0.345	ng	# 6
10) Phenol	7.16	94	3541	0.077	ng	# 1
11) bis(2-Chloroethyl)ether	7.42	93	350	0.009	ng	# 23
14) 1,2-Dichlorobenzene	8.35	146	1421	0.035	ng	# 1
15) Benzyl Alcohol	8.18	79	1321	0.043	ng	# 22
16) 2,2'-oxybis(1-Chloropropan	8.53	45	524	0.008	ng	# 1
17) 2-Methylphenol	8.43	107	136	0.005	ng	# 1
18) Hexachloroethane	9.04	117	114	0.008	ng	# 3
19) n-Nitroso-di-n-propylamine	8.81	70	168	0.005	ng	# 1
20) 3+4-Methylphenols	8.82	107	138	0.003	ng	# 1
22) Acetophenone	8.80	105	297	0.006	ng	# 1
24) Nitrobenzene	9.15	77	8156	0.228	ng	# 36
25) Isophorone	9.73	82	229	0.003	ng	# 35
27) 2,4-Dimethylphenol	9.96	122	265	0.008	ng	# 6
28) bis(2-Chloroethoxy)methane	10.19	93	110	0.002	ng	# 50
31) Naphthalene	10.85	128	273	0.002	ng	# 69
32) Benzoic acid	10.13	122	116	6.544	ng	# 19
33) 4-Chloroaniline	10.96	127	570	0.011	ng	# 29
36) 4-Chloro-3-methylphenol	12.06	107	227	0.006	ng	# 14
45) 1,1'-Biphenyl	13.46	154	10697	0.099	ng	# 92
47) 2-Nitroaniline	13.70	65	323	5.449	ng	# 1
48) Acenaphthylene	14.34	152	121	0.001	ng	# 1
49) Dimethylphthalate	14.07	163	150	0.002	ng	# 77
50) 2,6-Dinitrotoluene	14.20	165	113	0.006	ng	# 24
51) Acenaphthene	14.62	154	4578	0.056	ng	# 5
54) Dibenzofuran	15.03	168	106	0.001	ng	# 48
56) 2,4-Dinitrotoluene	14.96	165	234	5.147	ng	# 27
57) Fluorene	15.66	166	106	0.001	ng	# 67
59) Diethylphthalate	15.43	149	2506	0.025	ng	# 56

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

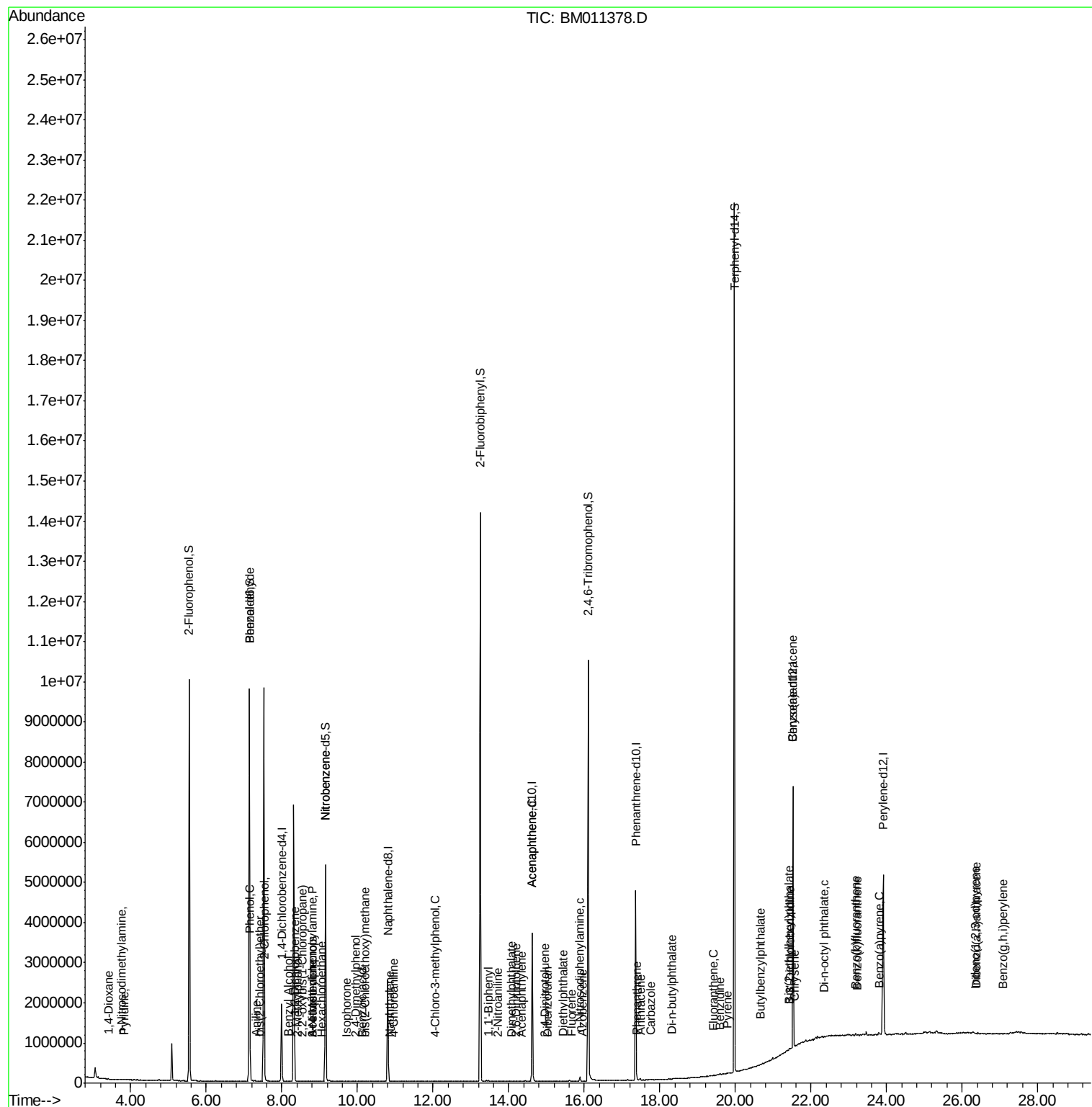
62) Azobenzene	15.94	77	241	0.003	nq	# 68
65) n-Nitrosodiphenylamine	15.89	169	329	0.004	nq	# 24
70) Phenanthrene	17.40	178	1366	0.009	nq	# 60
71) Anthracene	17.50	178	947	0.006	nq	# 22
72) Carbazole	17.76	167	872	0.006	nq	# 59
73) Di-n-butylphthalate	18.32	149	2157	0.013	nq	# 45
74) Fluoranthene	19.42	202	918	0.005	nq	# 29
76) Benzidine	19.59	184	11976	0.194	nq	# 94
77) Pyrene	19.77	202	620	0.003	nq	# 16
79) Butylbenzylphthalate	20.66	149	780	0.009	nq	# 95
80) Benzo(a)anthracene	21.52	228	8651	0.050	nq	# 73
81) 3,3'-Dichlorobenzidine	21.44	252	1123	0.017	nq	# 79
82) Chrysene	21.56	228	1438	0.009	nq	# 71
83) Bis(2-ethylhexyl)phthalate	21.43	149	5679	0.046	nq	# 87
84) Di-n-octyl phthalate	22.34	149	955	0.005	nq	# 60
85) Indeno(1,2,3-cd)pyrene	26.34	276	2890	0.019	nq	# 61
87) Benzo(b)fluoranthene	23.19	252	3068	0.017	nq	# 1
88) Benzo(k)fluoranthene	23.23	252	1923	0.011	nq	# 1
89) Benzo(a)pyrene	23.81	252	1419	0.009	nq	# 1
90) Dibenzo(a,h)anthracene	26.37	278	2137	0.015	nq	# 13
91) Benzo(g,h,i)perylene	27.09	276	1410	0.010	nq	# 54

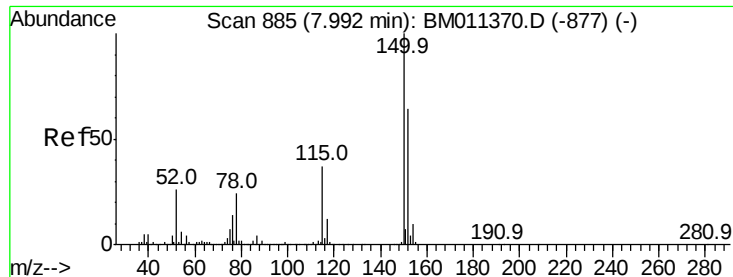
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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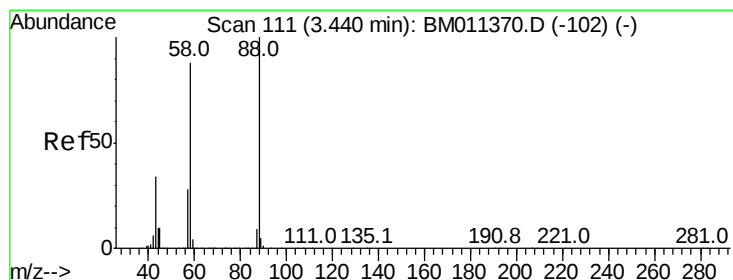
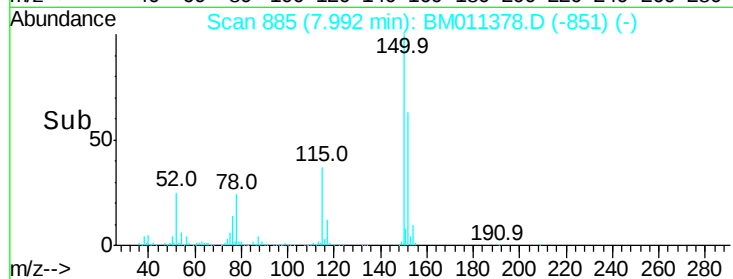
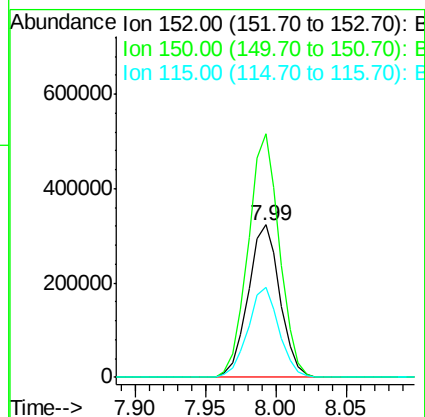
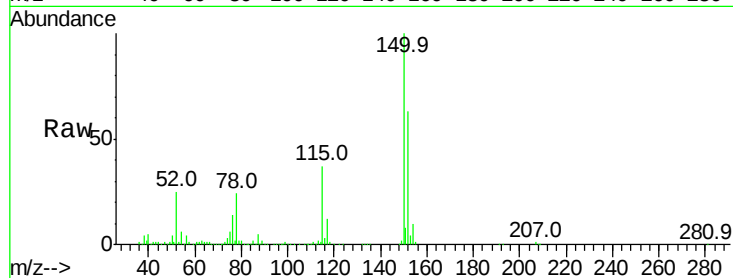


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Instrument :
BNA_M
ClientSampleId :

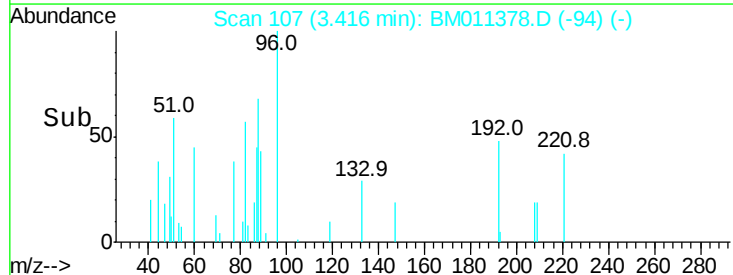
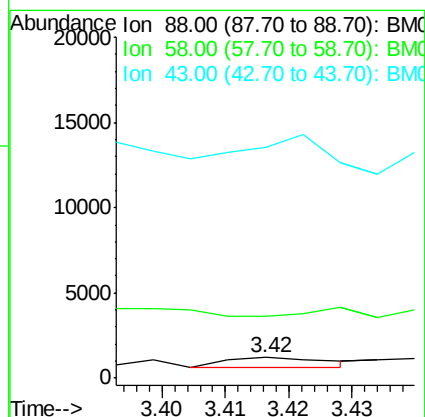
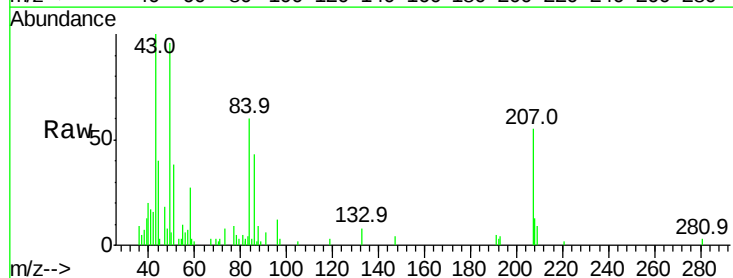
Tot Ion:152 Resp: 511103
Ion Ratio Lower Upper
152 100
150 159.9 119.5 179.3
115 59.5 43.0 64.4

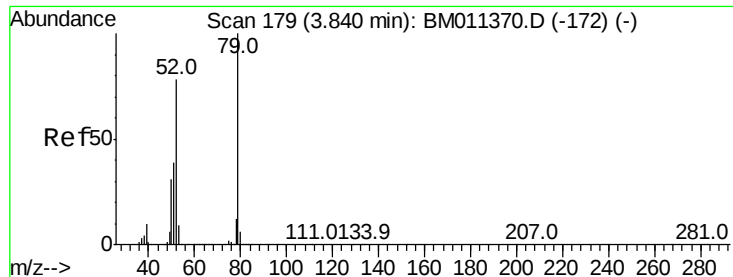


#2

1,4-Dioxane
Concen: 0.051 ng
RT: 3.42 min Scan# 107
Delta R.T. -0.02 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion: 88 Resp: 643
Ion Ratio Lower Upper
88 100
58 42.9 0.0 0.0#
43 324.9 0.0 0.0#





#3

Pvridine

Concen: 0.031 ng

RT: 3.84 min Scan# 179

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

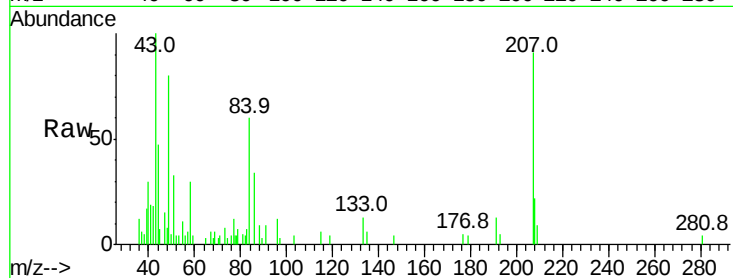
Tot Ion: 79 Resp: 1186

Ion Ratio Lower Upper

79 100

52 60.0 51.1 76.7

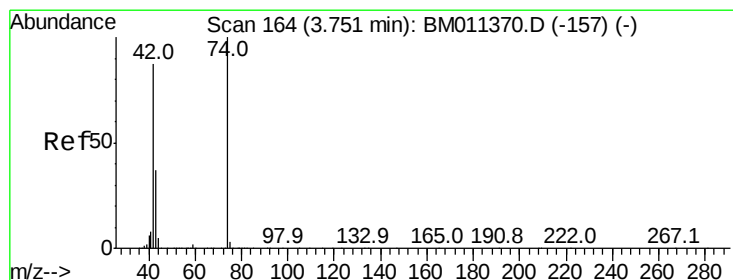
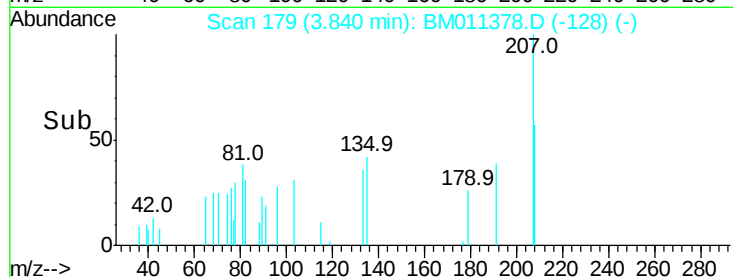
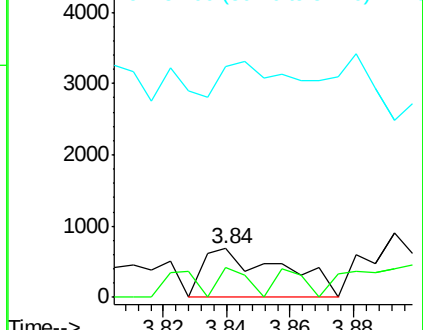
51 471.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM011378.D (-172) (-)

Ion 52.00 (51.70 to 52.70): BM011378.D (-172) (-)

Ion 51.00 (50.70 to 51.70): BM011378.D (-172) (-)



#4

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.75 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

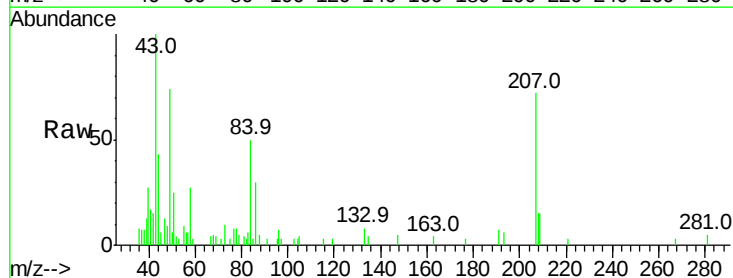
Tgt Ion: 42 Resp: 983

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

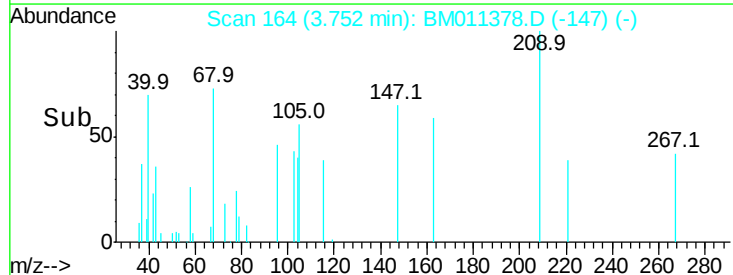
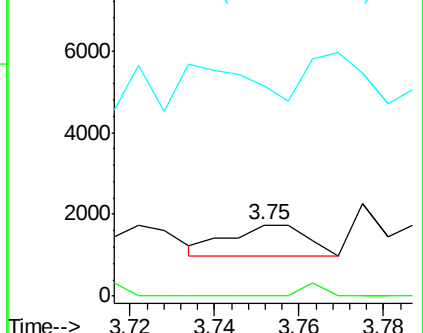
44 295.6 5.4 8.2#

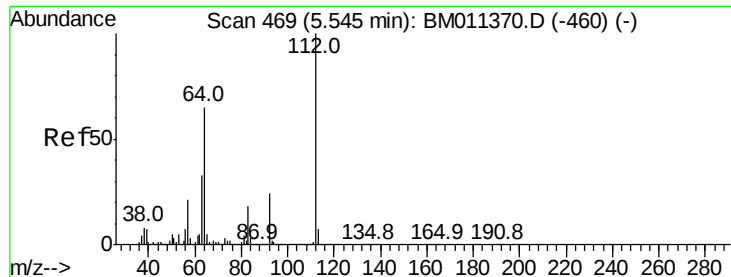


Abundance Ion 42.00 (41.70 to 42.70): BM011378.D (-157) (-)

Ion 74.00 (73.70 to 74.70): BM011378.D (-157) (-)

Ion 44.00 (43.70 to 44.70): BM011378.D (-157) (-)





#5

2-Fluorophenol

Concen: 137.902 ng

RT: 5.55 min Scan# 470

Delta R.T. 0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

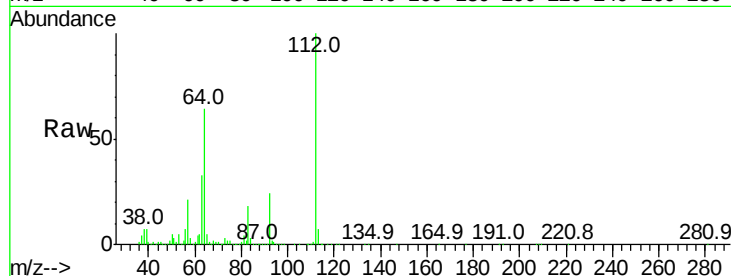
Tot Ion:112 Resp: 4187209

Ion Ratio Lower Upper

112 100

64 64.0 38.6 57.8#

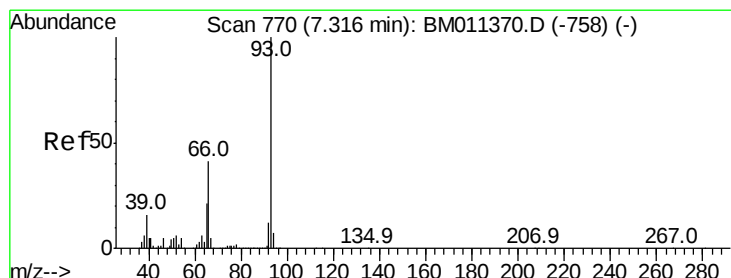
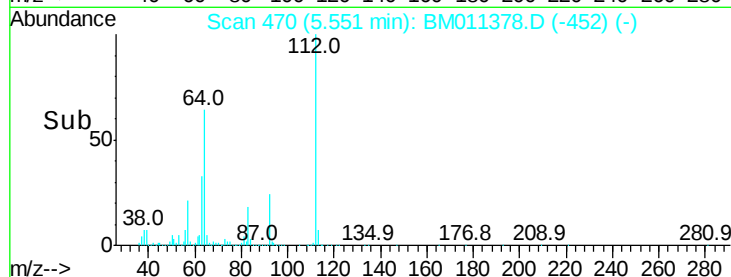
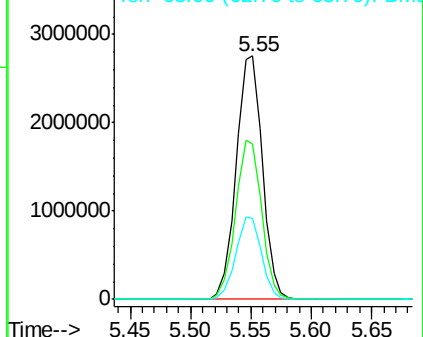
63 33.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 0.026 ng

RT: 7.32 min Scan# 770

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

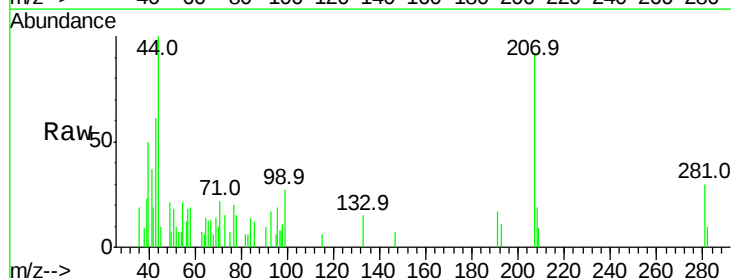
Tgt Ion: 93 Resp: 1484

Ion Ratio Lower Upper

93 100

66 75.7 30.8 46.2#

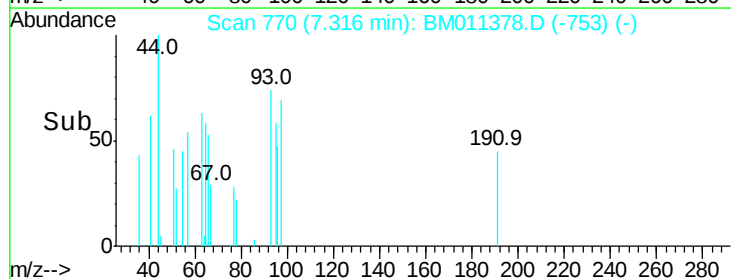
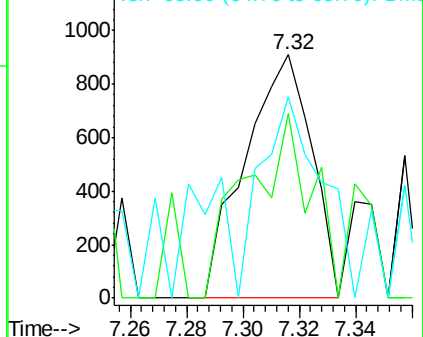
65 82.7 16.0 24.0#

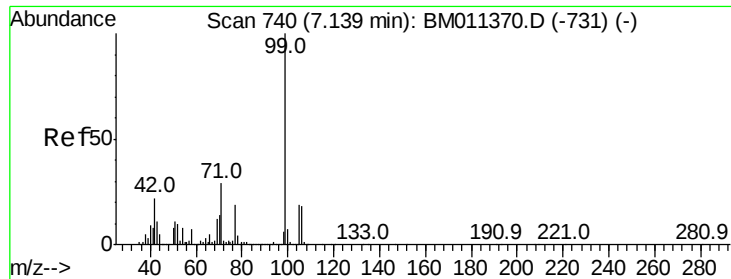


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 128.026 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

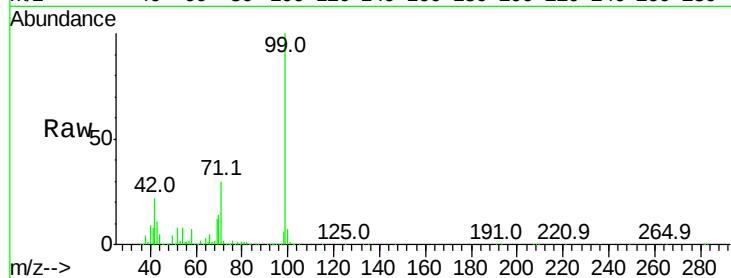
Instrument :

BNA_M

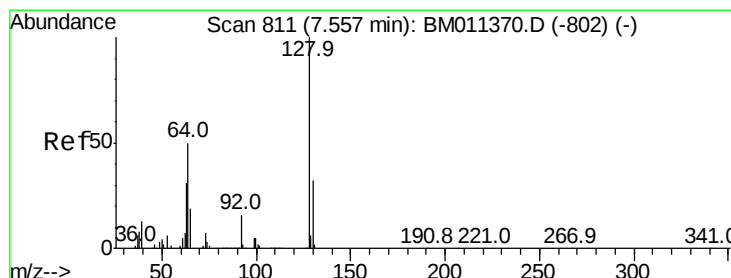
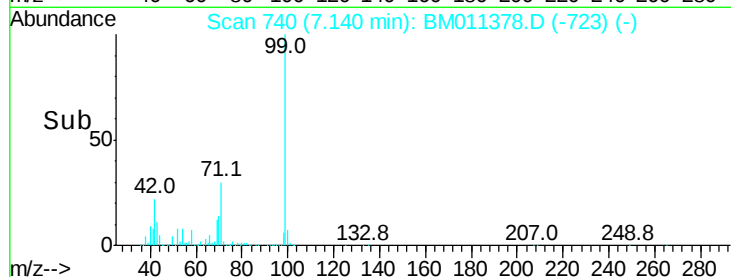
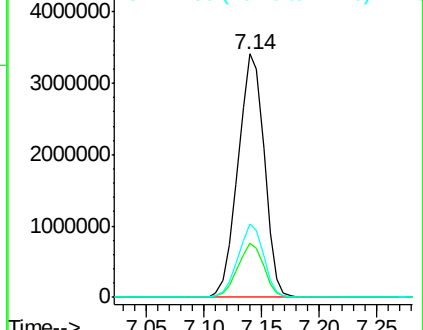
ClientSampleId :

Tot Ion: 99 Resp: 5390237

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	30.0	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011378.D (-731) (-)



#8

2-Chlorophenol

Concen: 0.044 ng

RT: 7.55 min Scan# 809

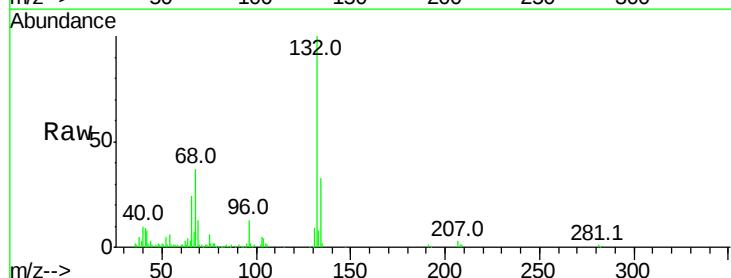
Delta R.T. -0.01 min

Lab File: BM011378.D

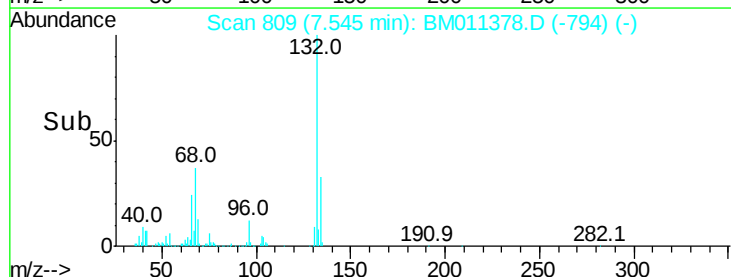
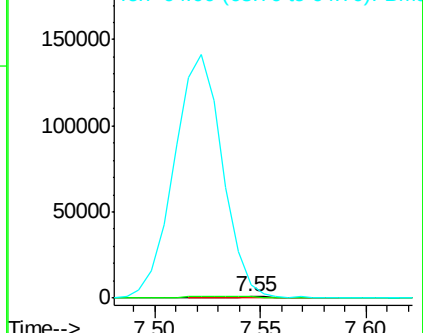
Acq: 31 Aug 2017 18:55

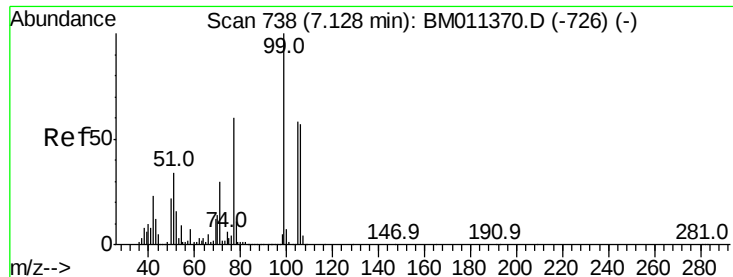
Tgt Ion:128 Resp: 1575

Ion	Ratio	Lower	Upper
128	100		
130	89.7	12.0	52.0#
64	958.7	24.9	64.9#



Abundance Ion 128.00 (127.70 to 128.70): BM011378.D (-794) (-)





#9

Benzaldehyde

Concen: 0.345 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

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ClientSampleId :

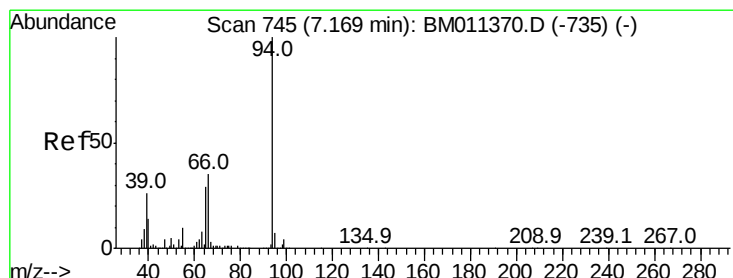
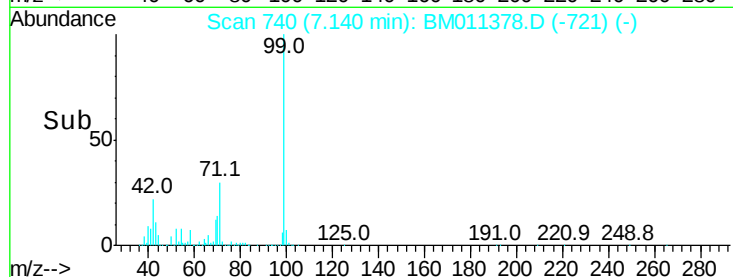
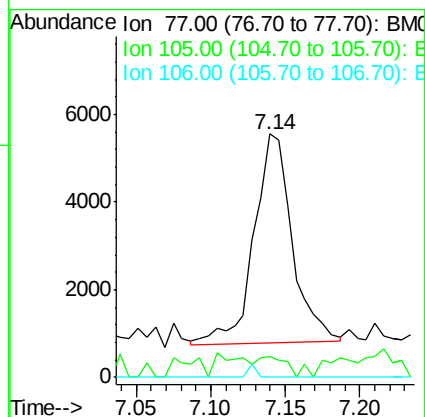
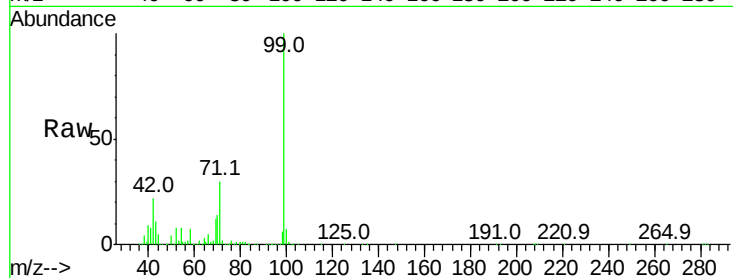
Tot Ion: 77 Resp: 8443

Ion Ratio Lower Upper

77 100

105 8.6 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.077 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

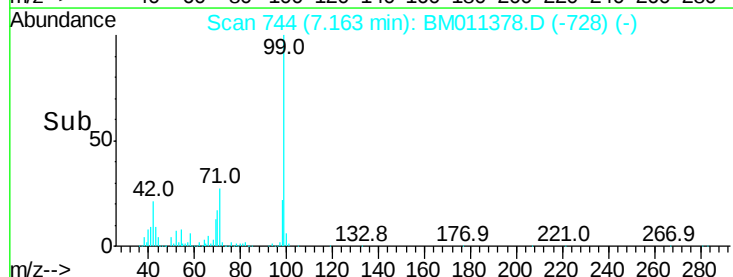
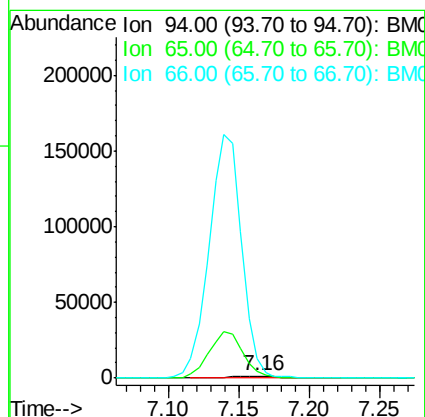
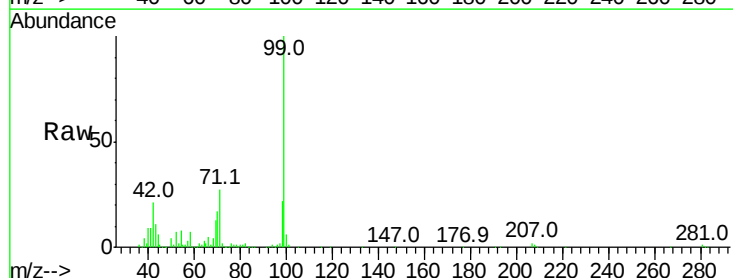
Tgt Ion: 94 Resp: 3541

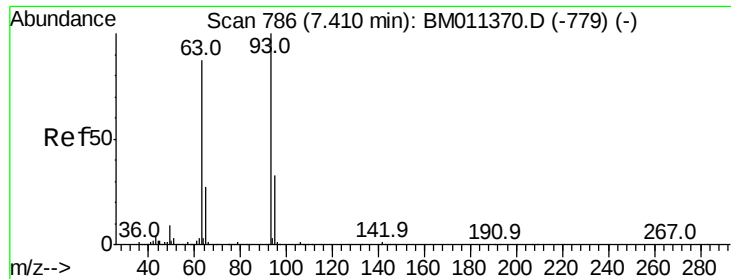
Ion Ratio Lower Upper

94 100

65 287.6 18.8 58.8#

66 872.6 39.9 79.9#

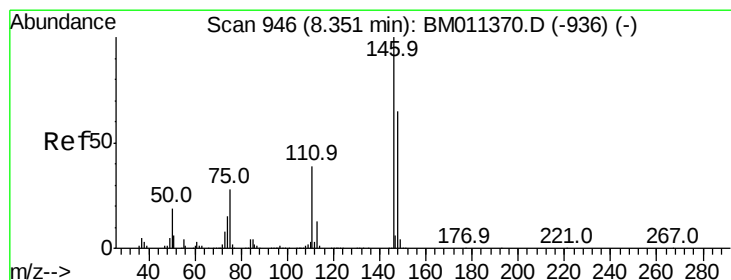
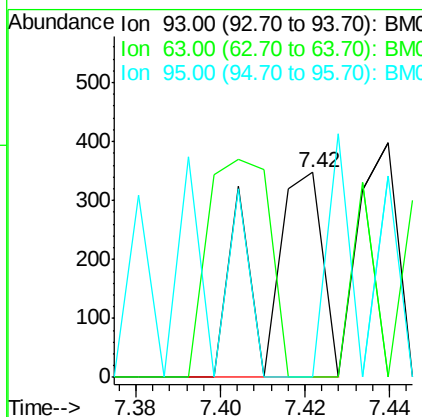
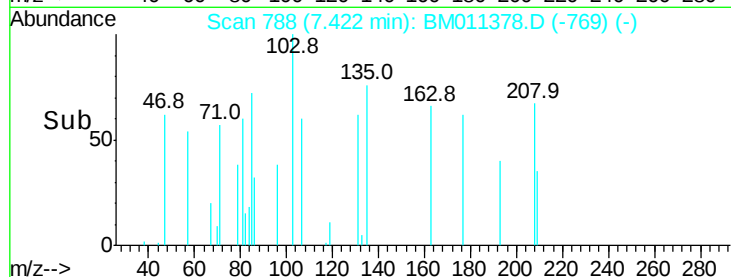
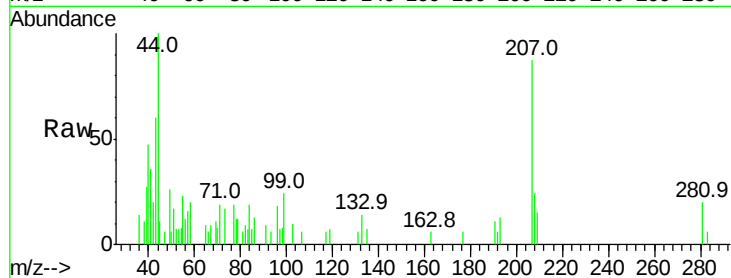




#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.42 min Scan# 788
Delta R.T. 0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

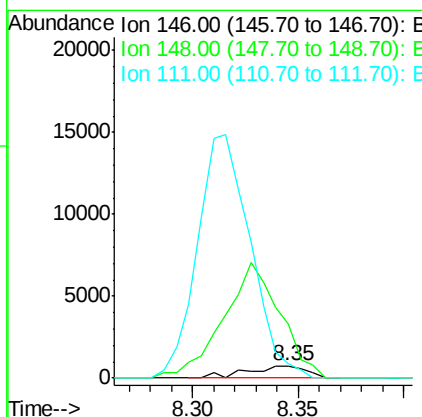
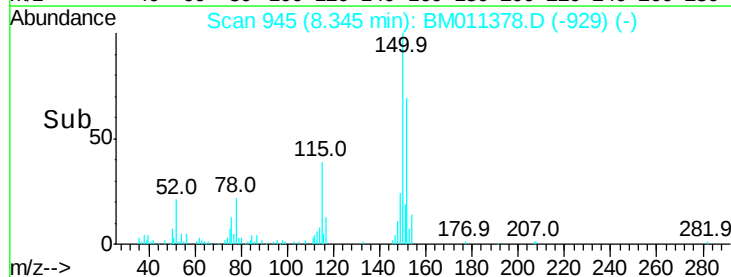
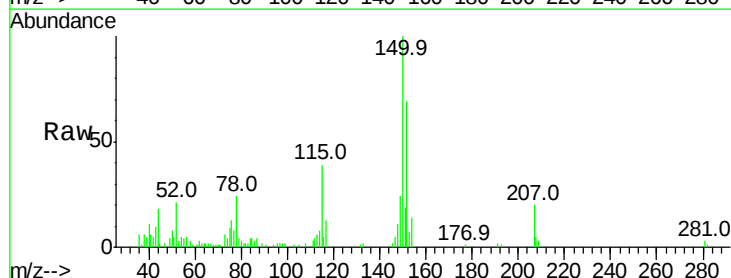
Instrument :
BNA_M
ClientSampleId :

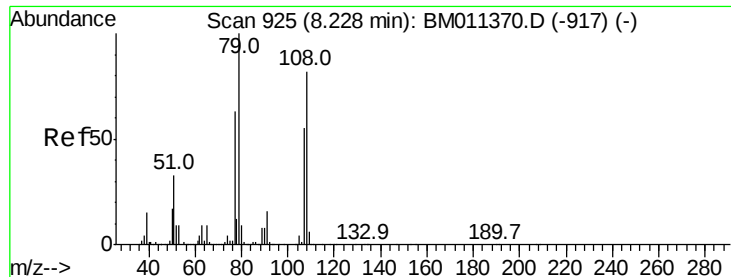
Tot Ion: 93 Resp: 350
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#



#14
1,2-Dichlorobenzene
Concen: 0.035 ng
RT: 8.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion: 146 Resp: 1421
Ion Ratio Lower Upper
146 100
148 449.1 52.3 78.5#
111 124.4 30.6 45.8#





#15

Benzyl Alcohol

Concen: 0.043 ng

RT: 8.18 min Scan# 917

Delta R.T. -0.05 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

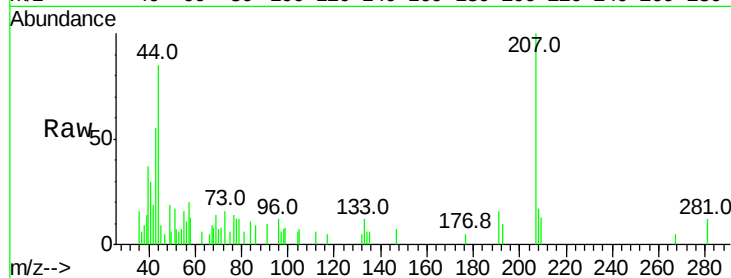
Tot Ion: 79 Resp: 1321

Ion Ratio Lower Upper

79 100

108 0.0 65.0 97.4#

77 114.9 53.0 79.6#

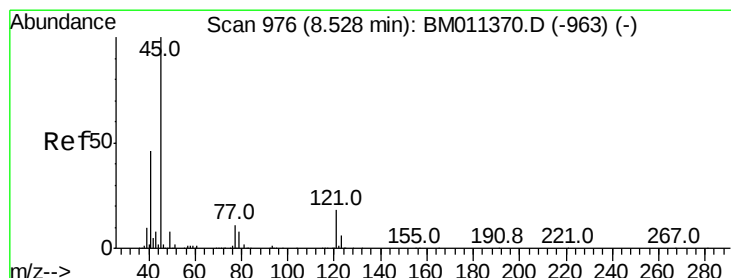
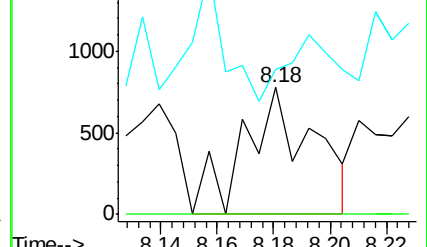
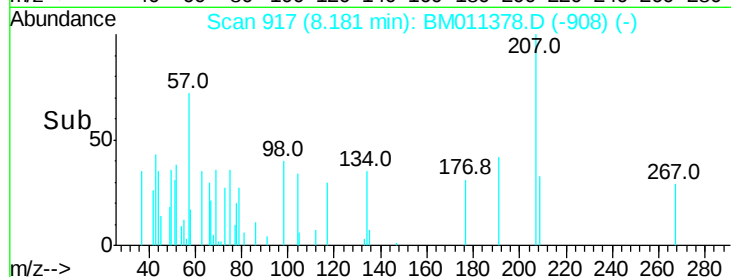


Abundance Ion 79.00 (78.70 to 79.70): BM011378.D (-917) (-)

Ion 108.00 (107.70 to 108.70): BM011378.D (-917) (-)

Ion 77.00 (76.70 to 77.70): BM011378.D (-917) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.008 ng

RT: 8.53 min Scan# 977

Delta R.T. 0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

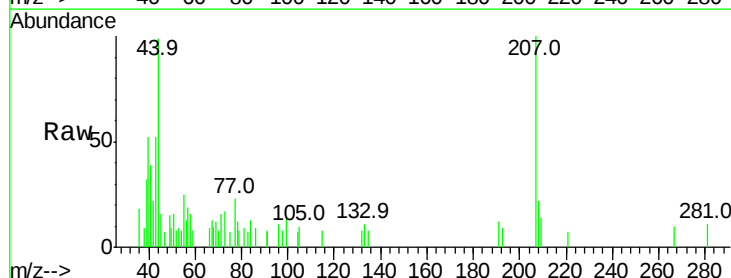
Tgt Ion: 45 Resp: 524

Ion Ratio Lower Upper

45 100

77 144.9 0.0 35.2#

79 47.9 0.0 32.0#

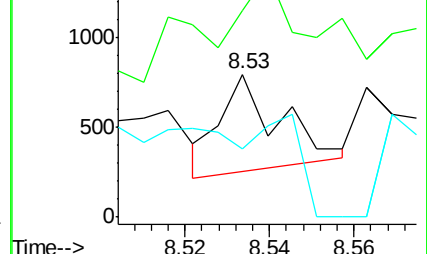
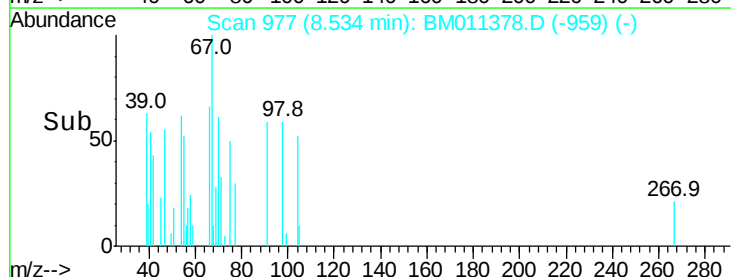


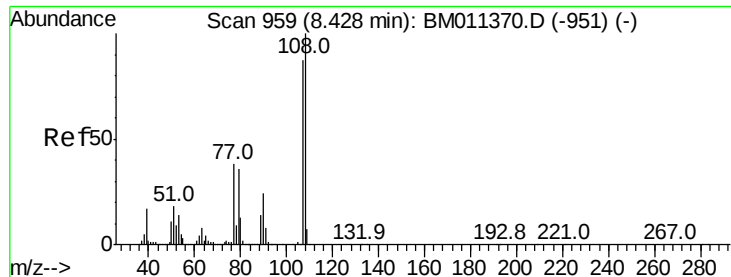
Abundance Ion 45.00 (44.70 to 45.70): BM011378.D (-963) (-)

Ion 77.00 (76.70 to 77.70): BM011378.D (-963) (-)

Ion 79.00 (78.70 to 79.70): BM011378.D (-963) (-)

Time-->





#17

2-Methylphenol

Concen: 0.005 ng

RT: 8.43 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM011378.D

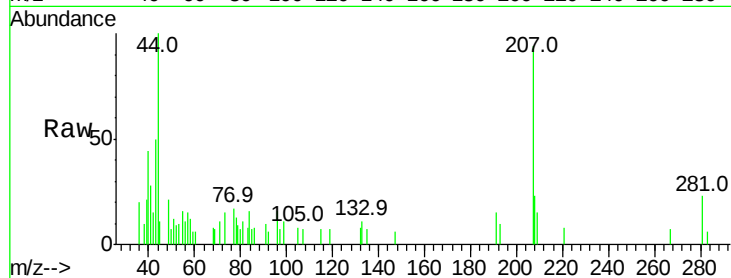
Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	136
Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.8	134.8#
77	247.8	32.6	48.8#
79	132.2	32.8	49.2#

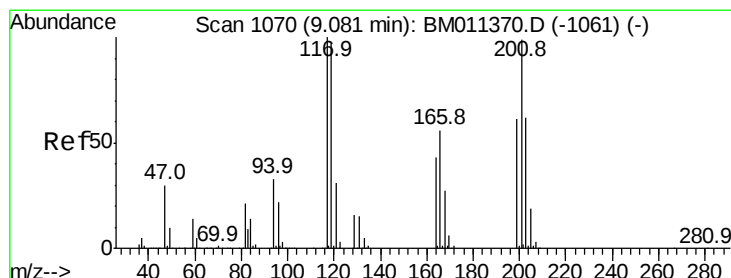
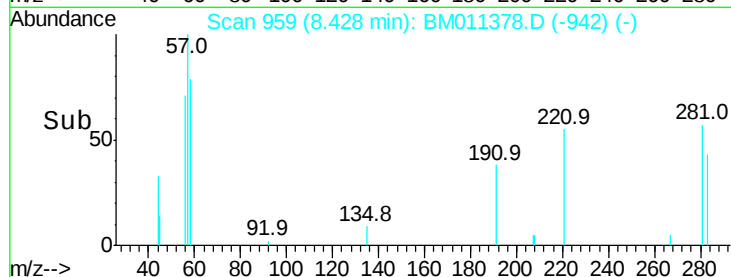
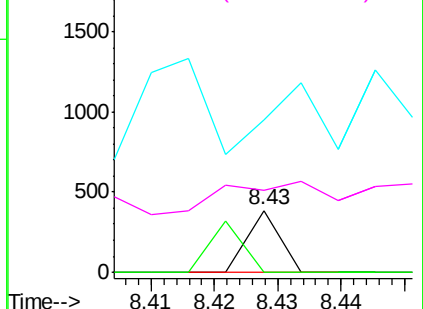


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.008 ng

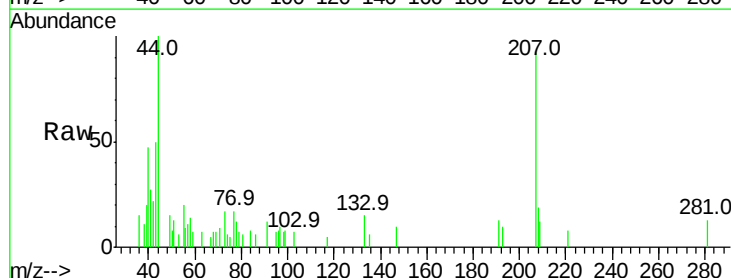
RT: 9.04 min Scan# 1063

Delta R.T. -0.04 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

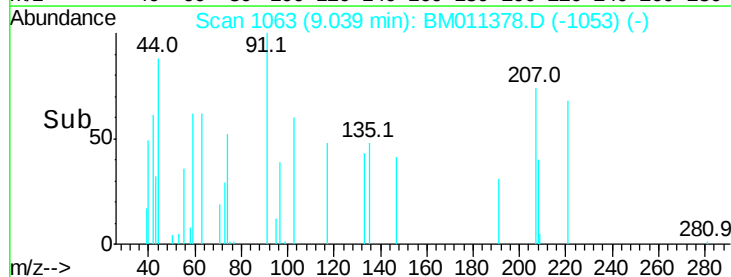
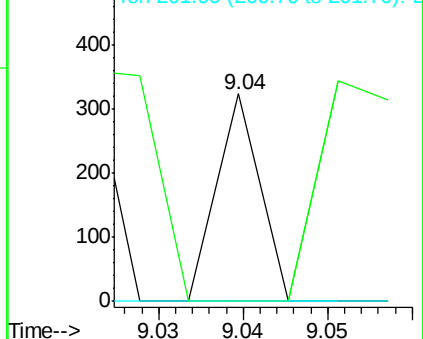
Tgt Ion:	117	Resp:	114
Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.2	118.8#
201	0.0	69.8	104.6#

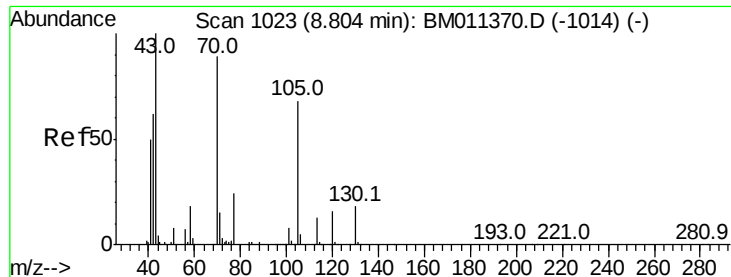


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

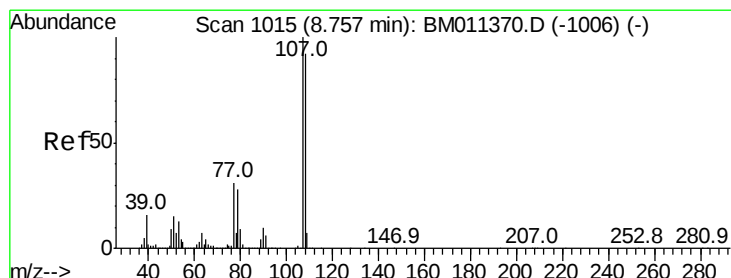
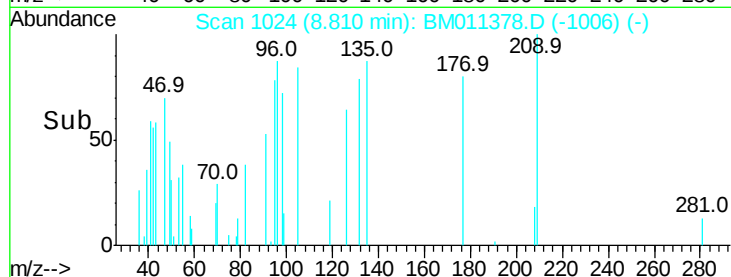
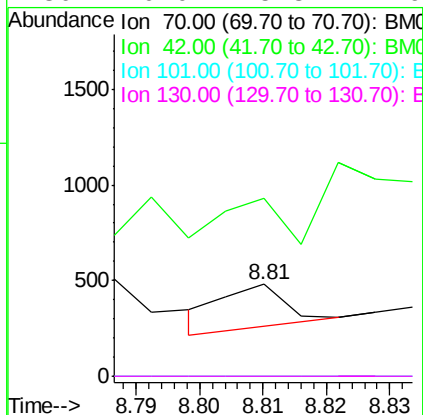
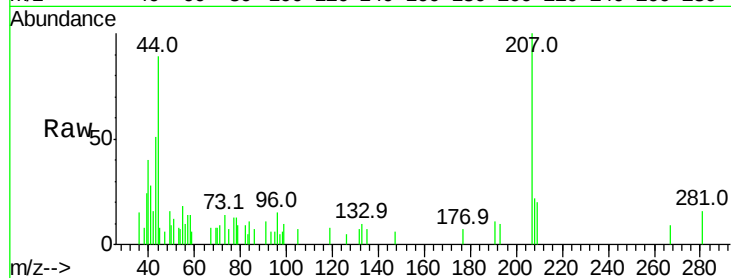




#19
n-Nitroso-di-n-propylamine
Concen: 0.005 ng
RT: 8.81 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

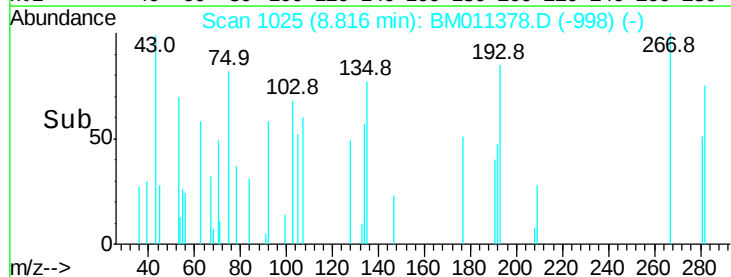
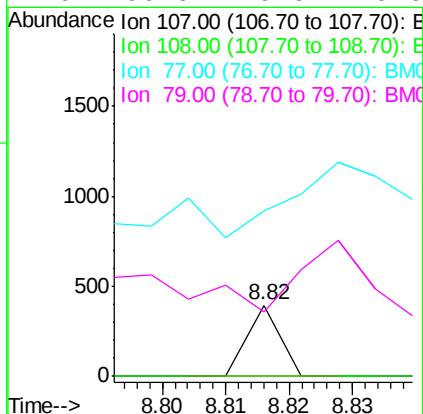
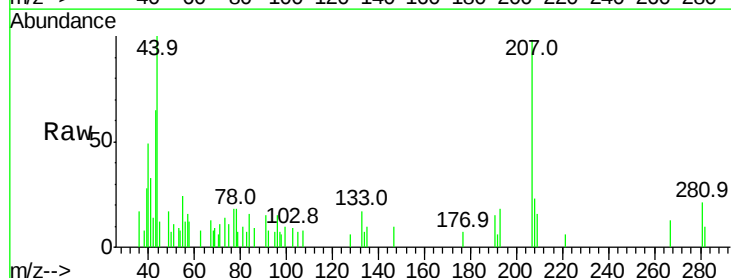
Instrument :
BNA_M
ClientSampleId :

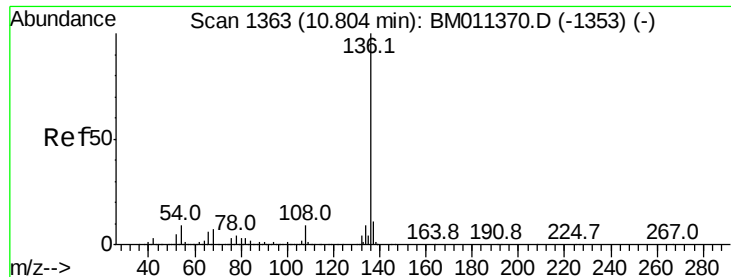
Tot Ion: 70 Resp: 168
Ion Ratio Lower Upper
70 100
42 194.4 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.82 min Scan# 1025
Delta R.T. 0.06 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:107 Resp: 138
Ion Ratio Lower Upper
107 100
108 0.0 73.2 113.2#
77 233.9 10.7 50.7#
79 90.6 9.6 49.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 2142904

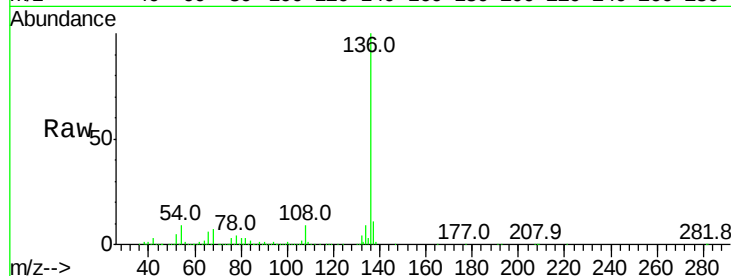
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.4 4.6 6.8#

68 7.0 3.7 5.5#

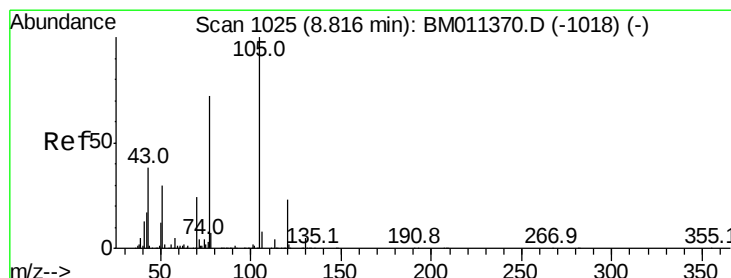
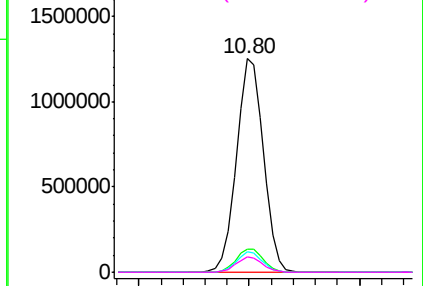
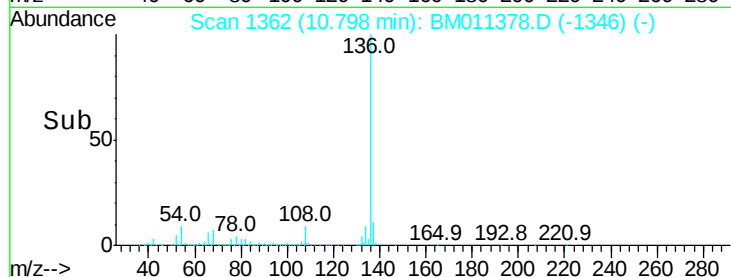


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 0.006 ng

RT: 8.80 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:105 Resp: 297

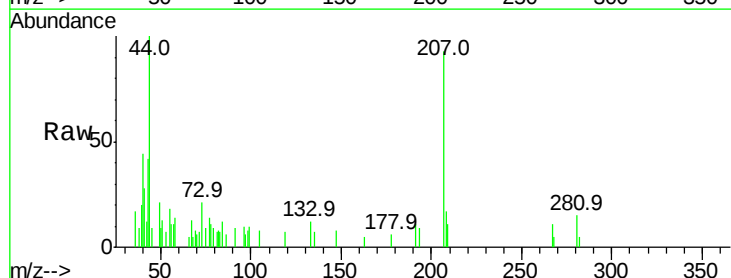
Ion Ratio Lower Upper

105 100

71 90.7 0.6 1.0#

51 155.6 21.6 32.4#

120 0.0 16.1 24.1#

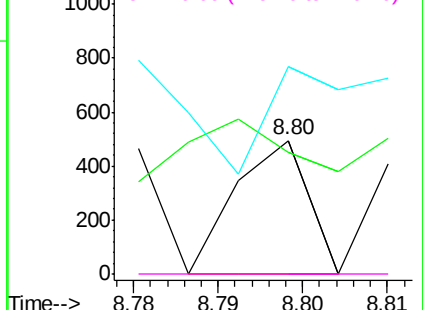
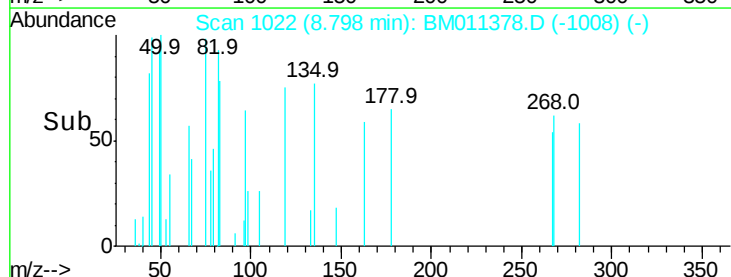


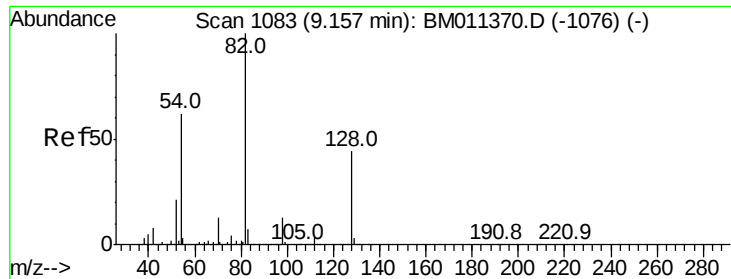
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

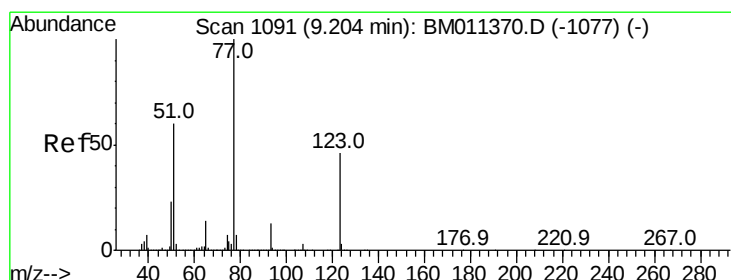
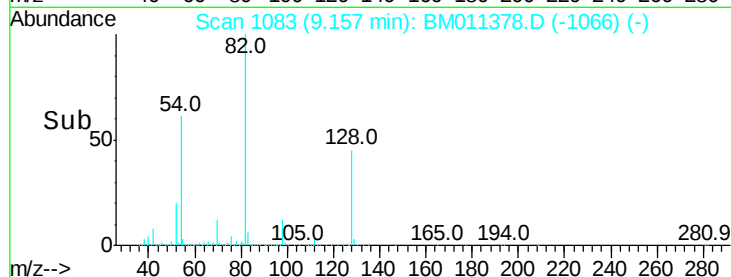
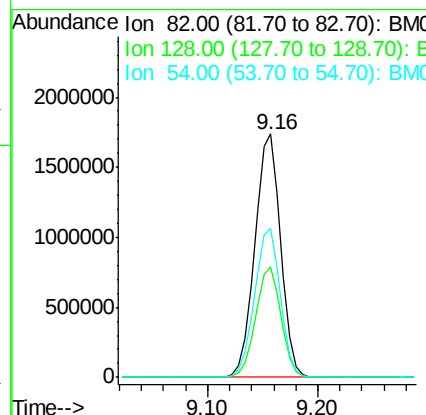
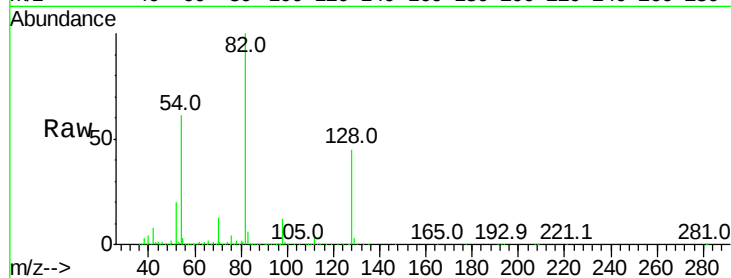




#23
Nitrobenzene-d5
Concen: 87.409 ng
RT: 9.16 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

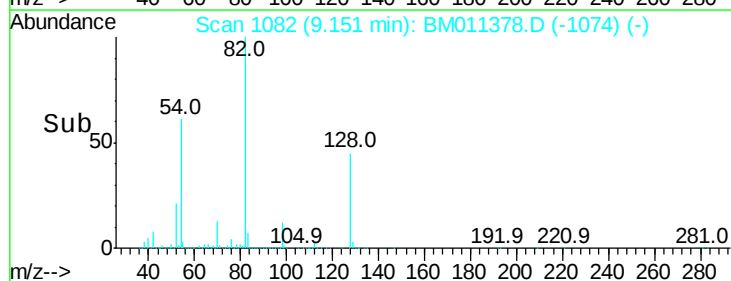
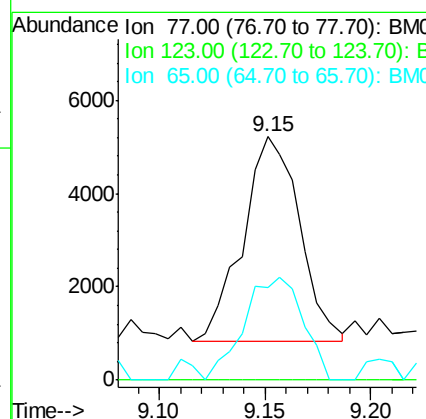
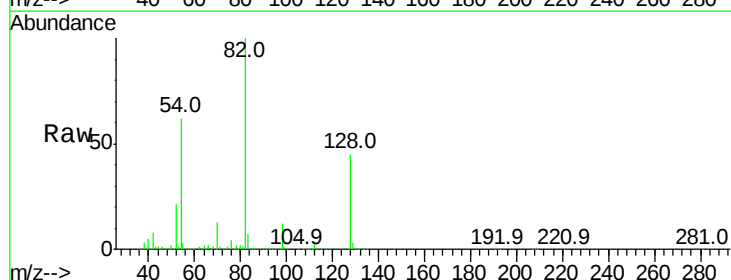
Instrument :
BNA_M
ClientSampled :

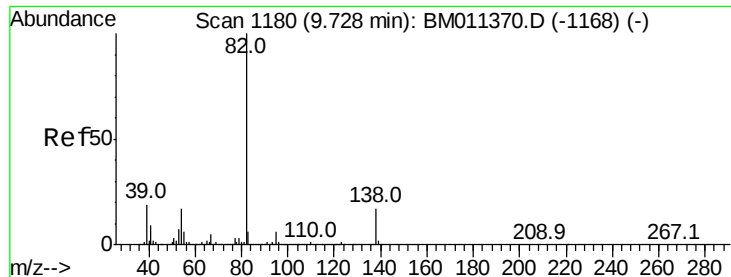
Tot Ion: 82 Resp: 2842411
Ion Ratio Lower Upper
82 100
128 45.5 32.8 49.2
54 61.0 40.6 60.8#



#24
Nitrobenzene
Concen: 0.228 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.05 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion: 77 Resp: 8156
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 37.8 10.9 16.3#





#25

Isophorone

Concen: 0.003 ng

RT: 9.73 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

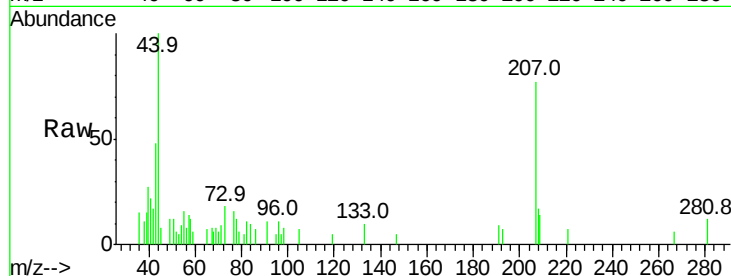
Tot Ion: 82 Resp: 229

Ion Ratio Lower Upper

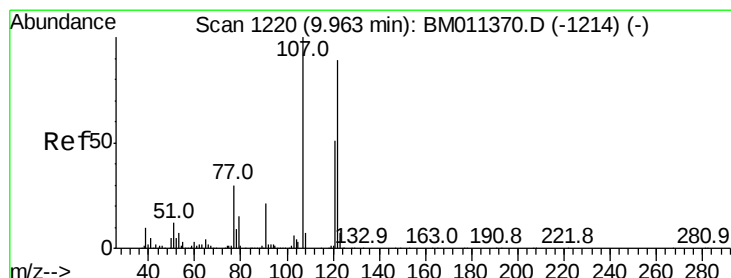
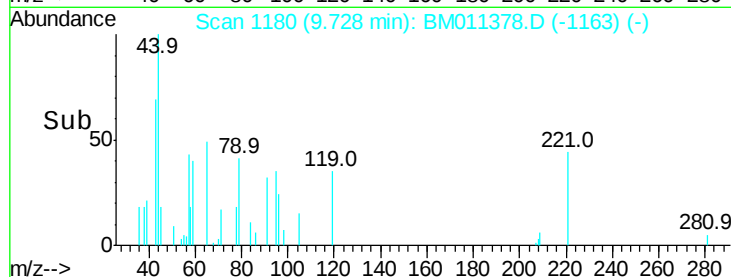
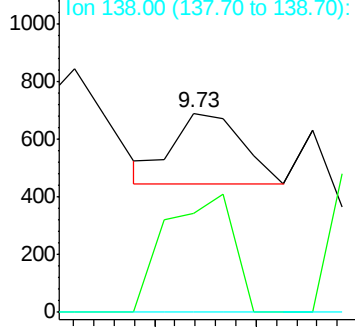
82 100

95 49.8 5.8 8.6#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM011378.D (-1168) (-)



#27

2,4-Dimethylphenol

Concen: 0.008 ng

RT: 9.96 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

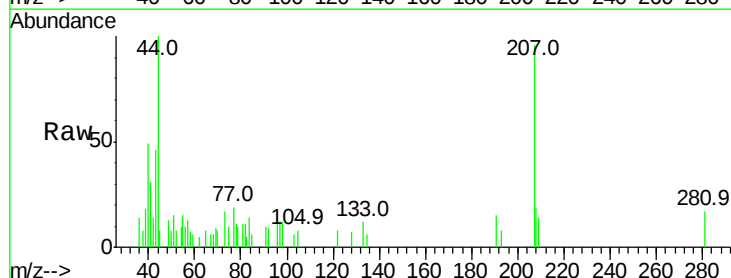
Tgt Ion: 122 Resp: 265

Ion Ratio Lower Upper

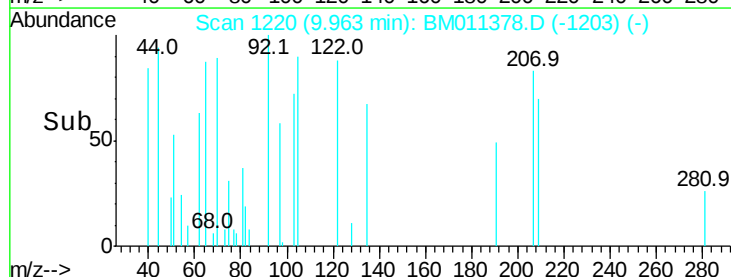
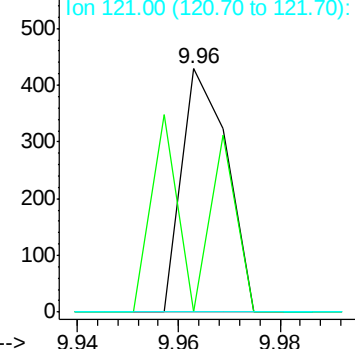
122 100

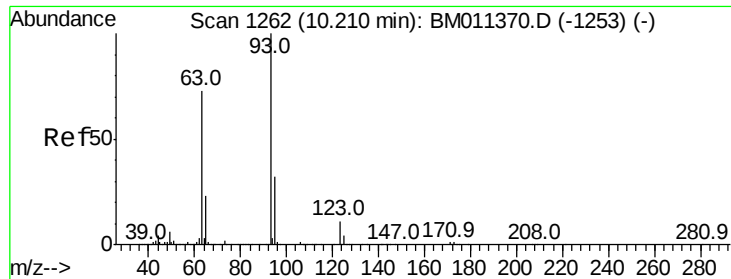
107 0.0 84.7 127.1#

121 0.0 46.6 69.8#



Abundance Ion 122.00 (121.70 to 122.70): BM011378.D (-1203) (-)

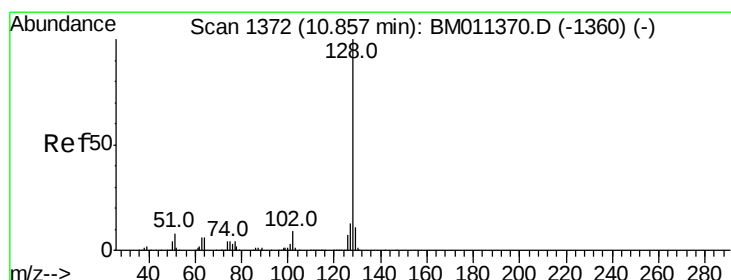
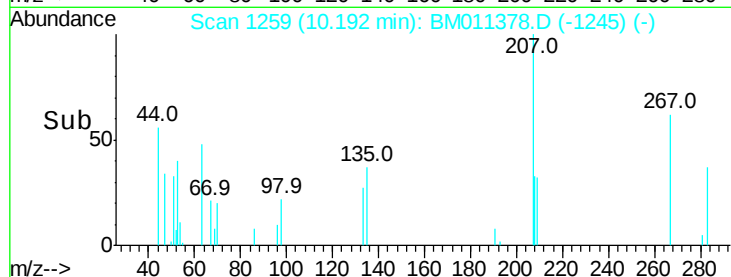
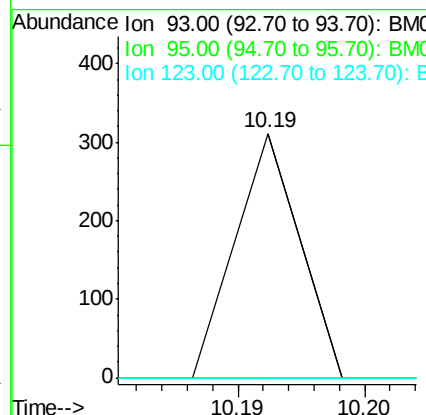
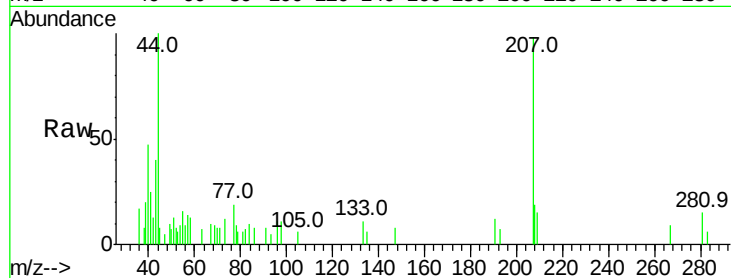




#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

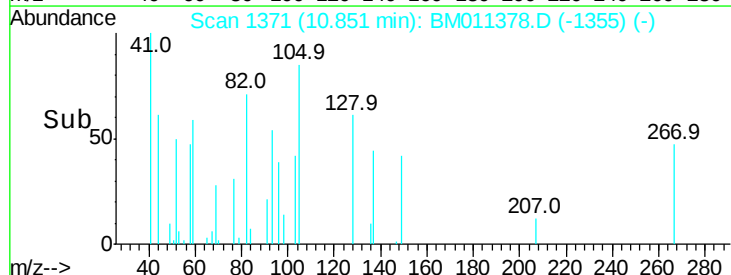
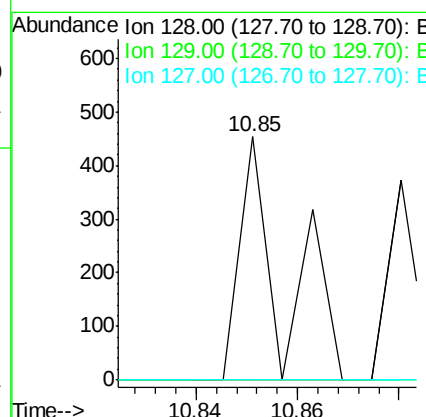
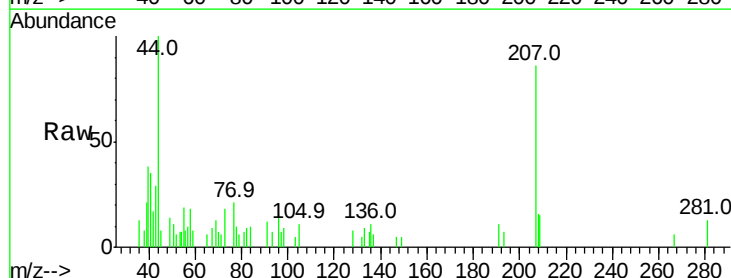
Instrument :
BNA_M
ClientSampleId :

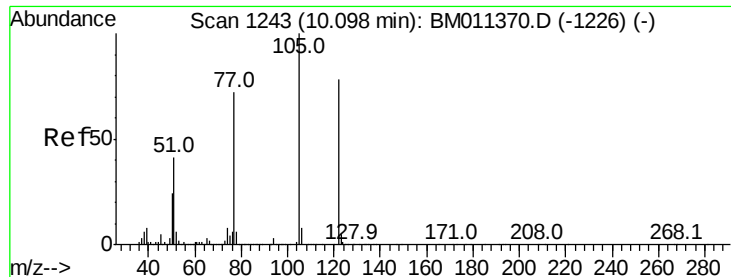
Tot Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
95 0.0 25.5 38.3#
123 0.0 8.6 13.0#



#31
Naphthalene
Concen: 0.002 ng
RT: 10.85 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion: 128 Resp: 273
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#





#32

Benzoic acid

Concen: 6.544 ng

RT: 10.13 min Scan# 1248

Delta R.T. 0.03 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

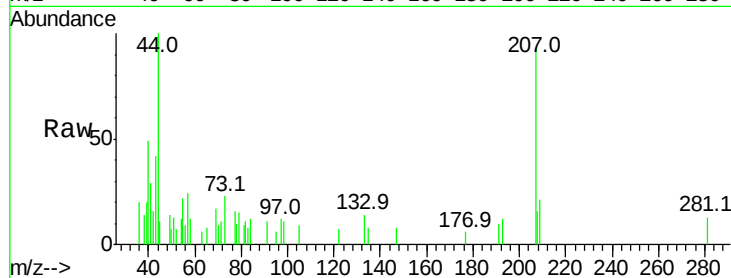
Tot Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

105 142.1 99.9 139.9#

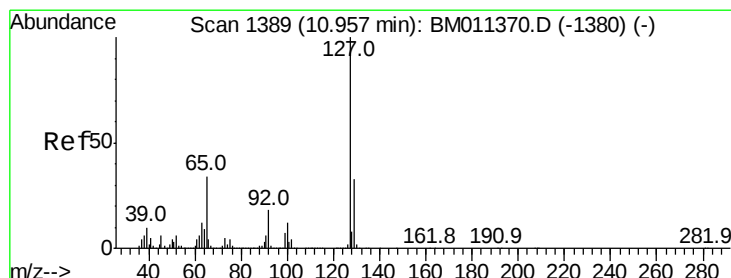
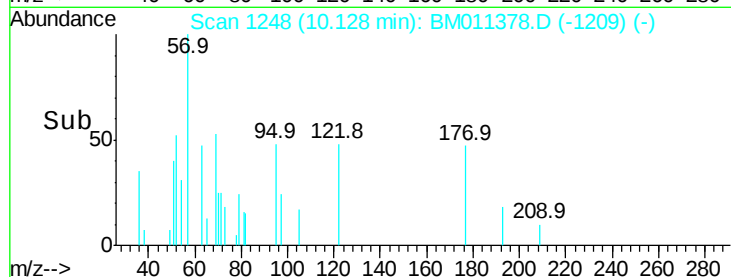
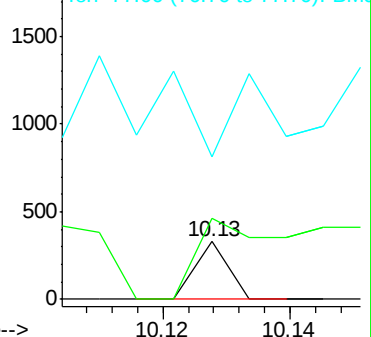
77 247.6 73.7 113.7#



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: 0.011 ng

RT: 10.96 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:127 Resp: 570

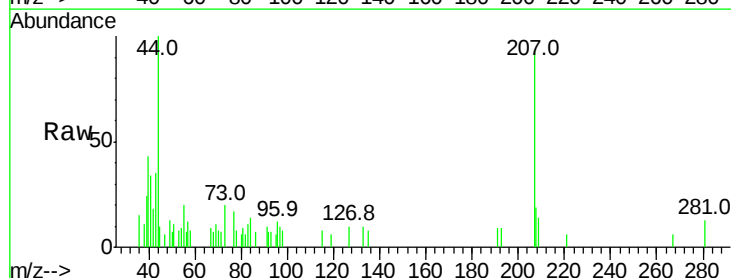
Ion Ratio Lower Upper

127 100

129 0.0 25.3 37.9#

65 0.0 17.6 26.4#

92 73.3 13.1 19.7#

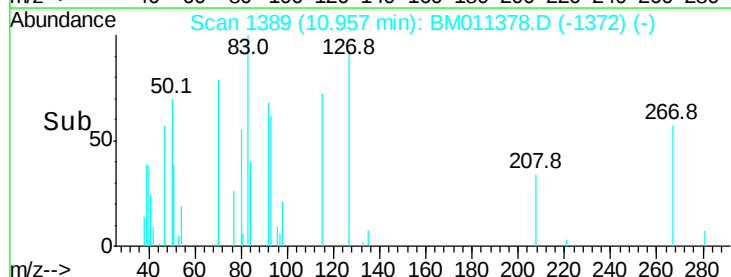
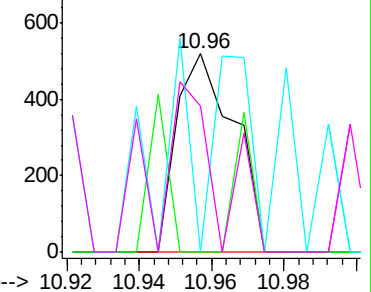


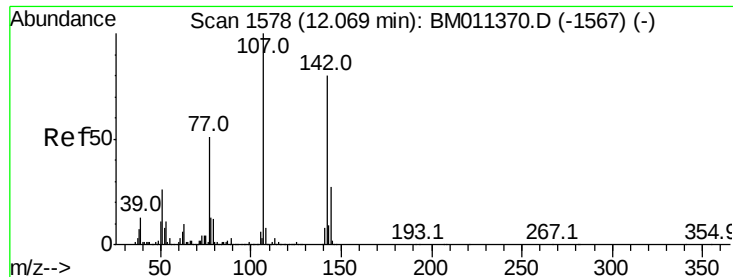
Abundance Ion 127.00 (126.70 to 127.70): E

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

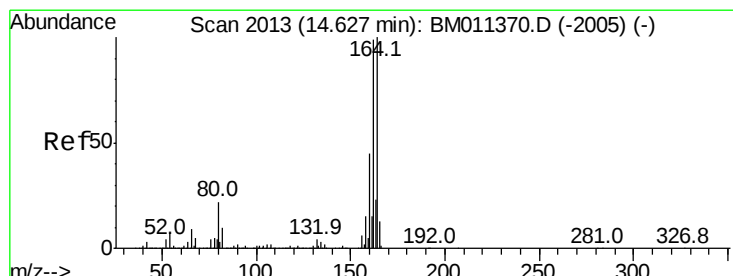
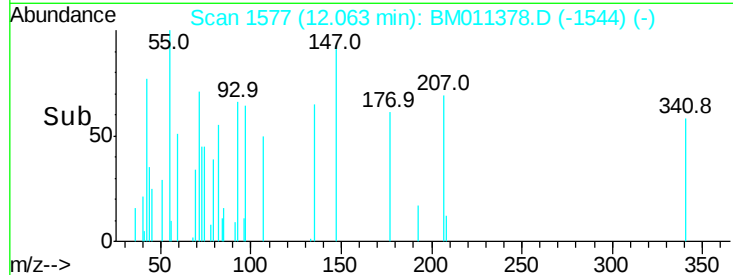
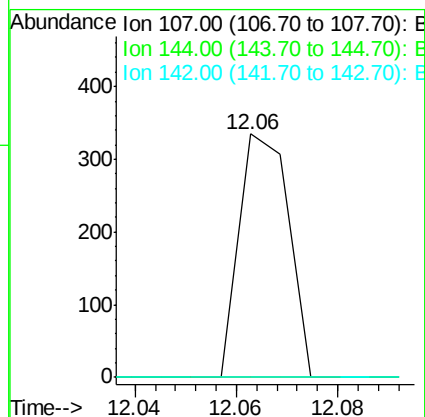
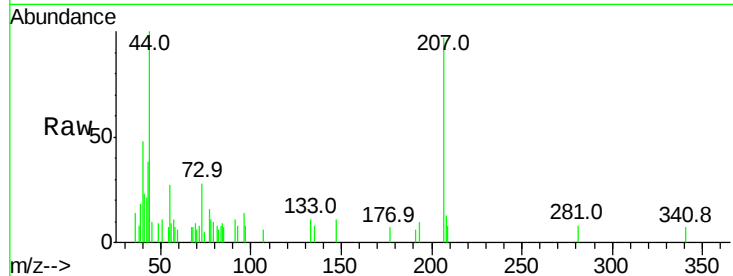




#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 12.06 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

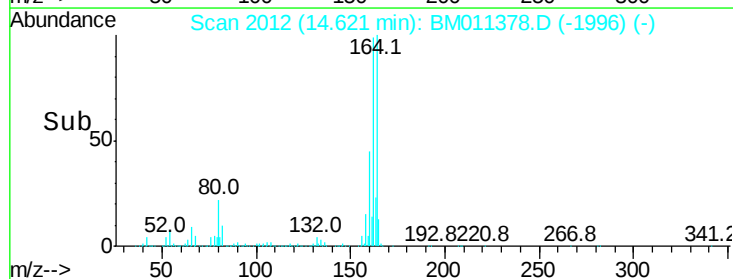
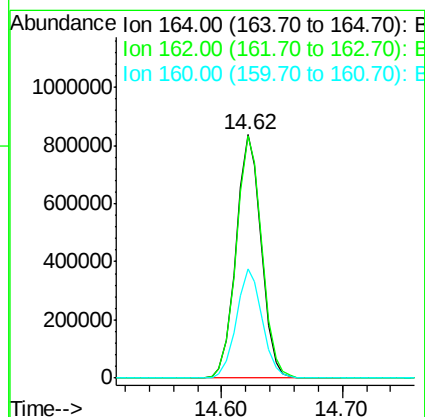
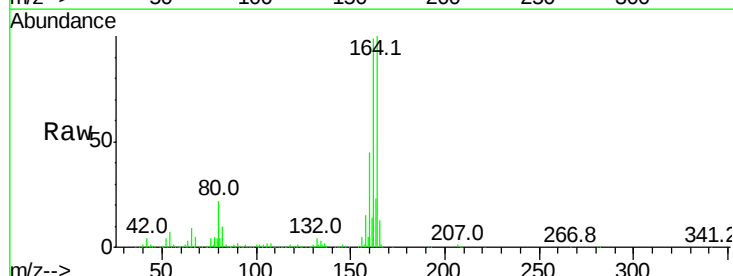
Instrument :
BNA_M
ClientSampleId :

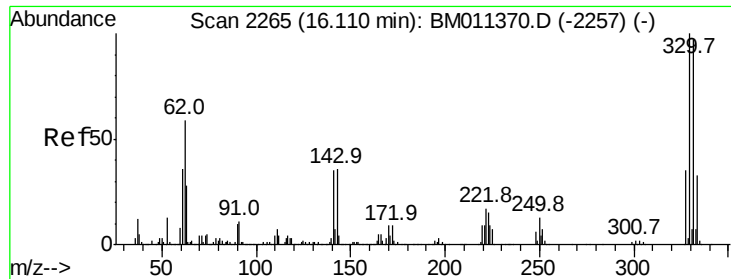
Tot Ion:107 Resp: 227
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:164 Resp: 1214457
Ion Ratio Lower Upper
164 100
162 99.5 82.4 123.6
160 44.8 35.8 53.6

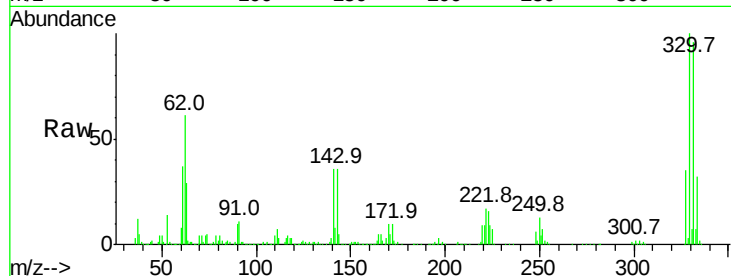




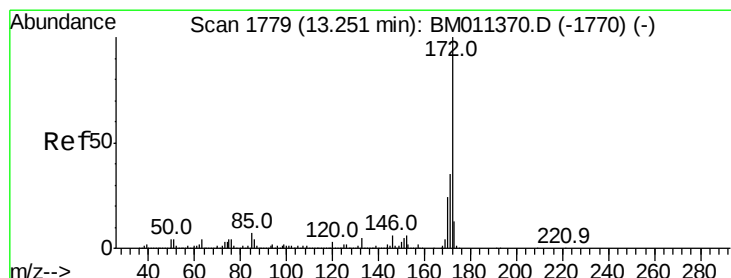
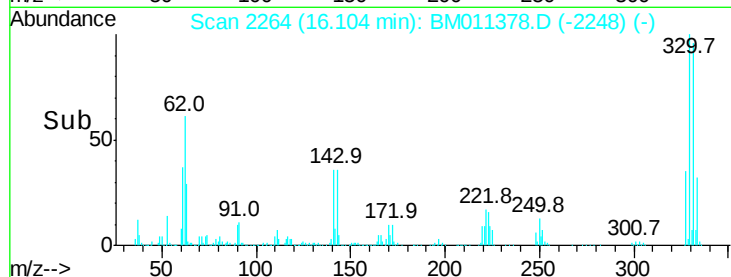
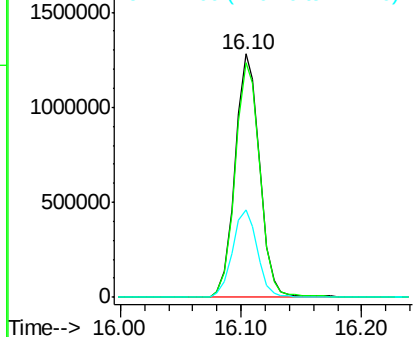
#41
 2,4,6-Tribromophenol
 Concen: 129.984 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1826374
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 36.4 0.0 0.0#

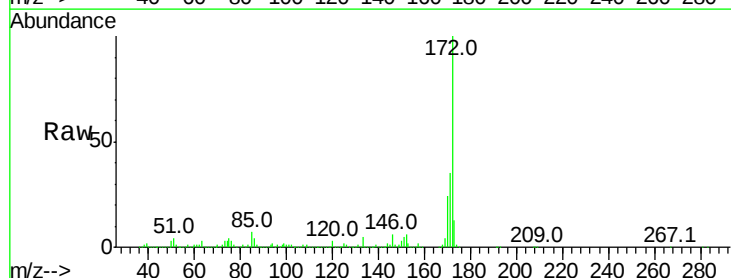


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

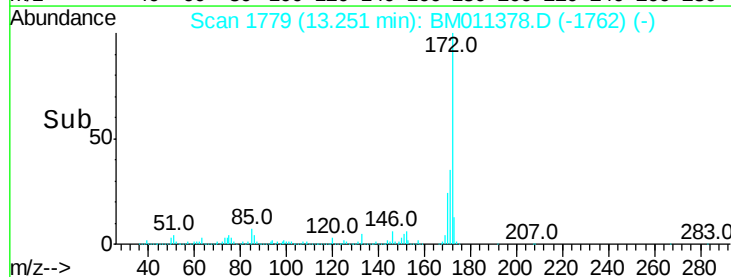
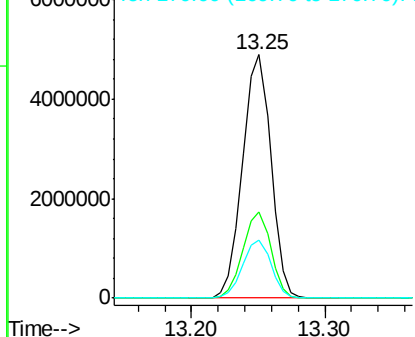


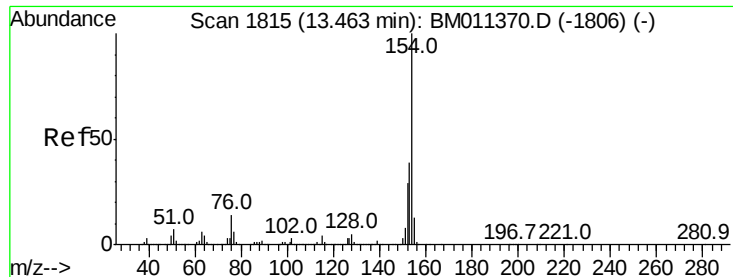
#44
 2-Fluorobiphenyl
 Concen: 85.214 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Tgt Ion:172 Resp: 7179370
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.1 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.099 ng

RT: 13.46 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM011378.D

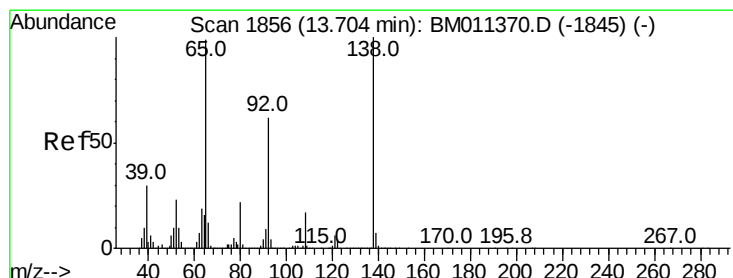
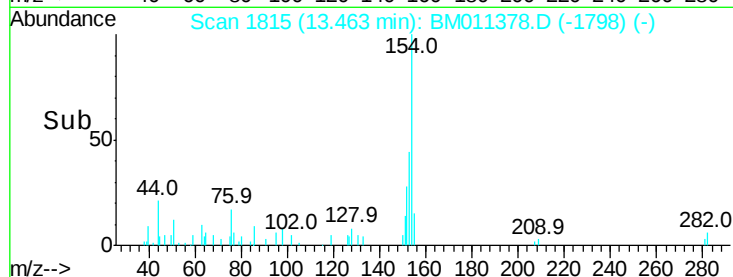
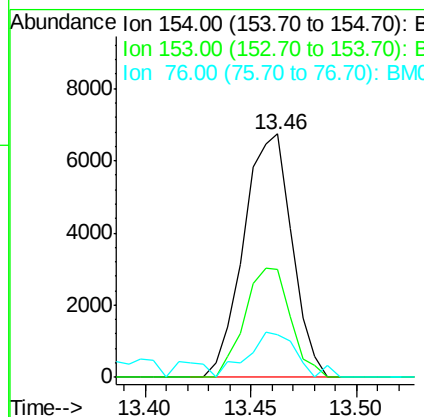
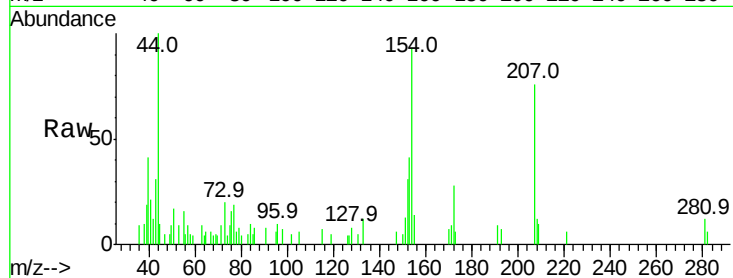
Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	154	Resp:	10697
Ion	Ratio	Lower	Upper
154	100		
153	44.3	20.7	60.7
76	17.5	0.0	30.9



#47

2-Nitroaniline

Concen: 5.449 ng

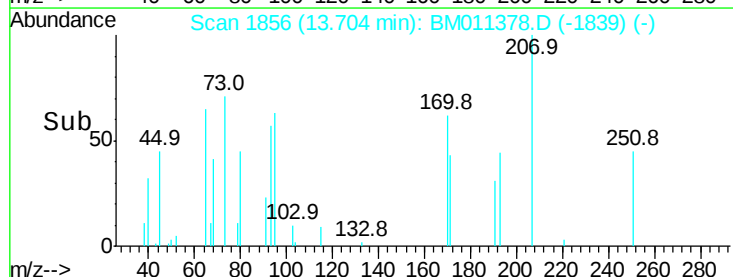
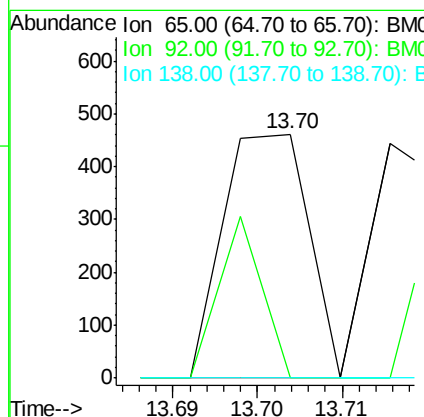
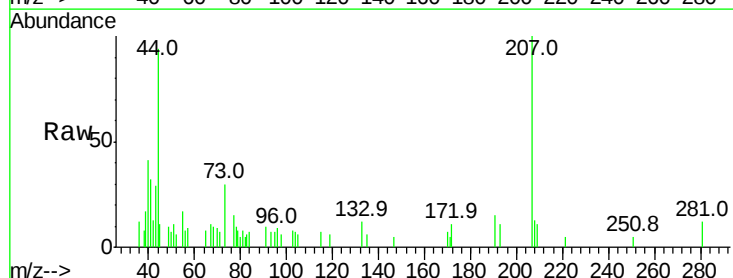
RT: 13.70 min Scan# 1856

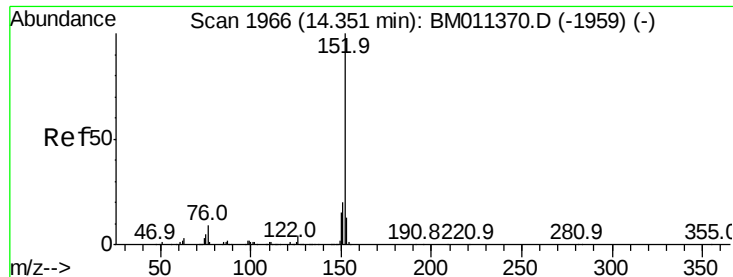
Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:	65	Resp:	323
Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#





#48

Acenaphthylene

Concen: 0.001 ng

RT: 14.34 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

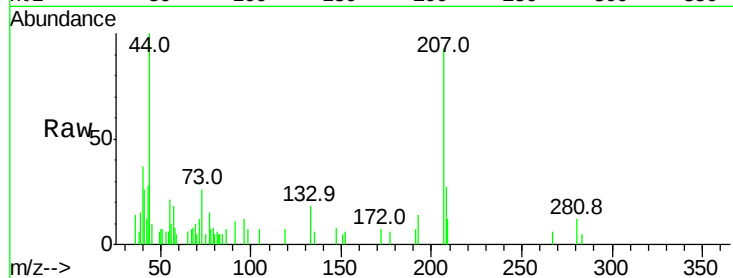
Tot Ion:152 Resp: 121

Ion Ratio Lower Upper

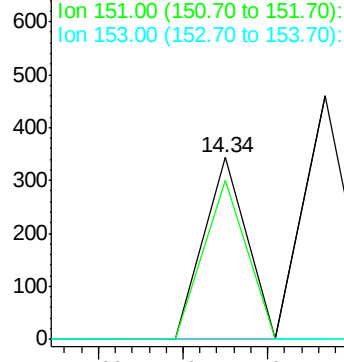
152 100

151 87.5 15.9 23.9#

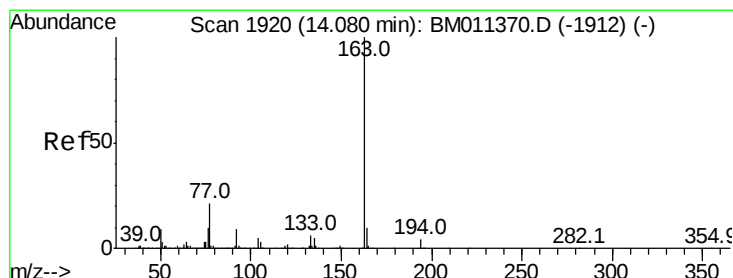
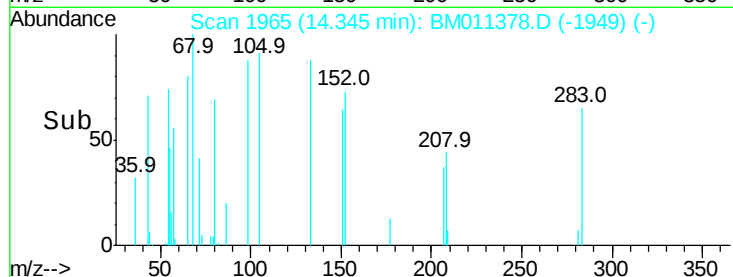
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#49

Dimethylphthalate

Concen: 0.002 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

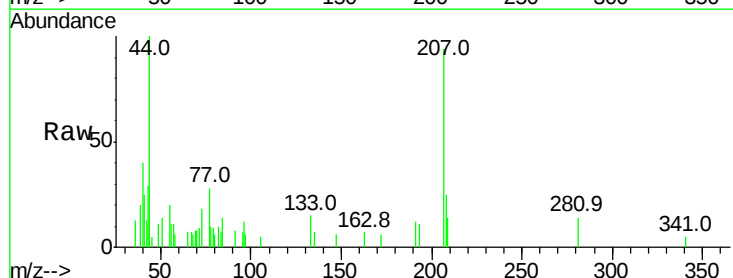
Tgt Ion:163 Resp: 150

Ion Ratio Lower Upper

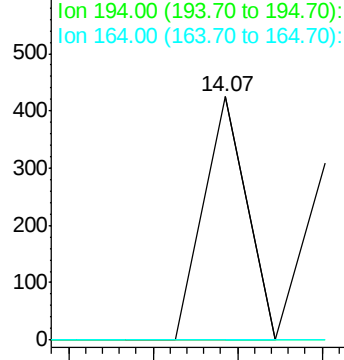
163 100

194 0.0 2.7 4.1#

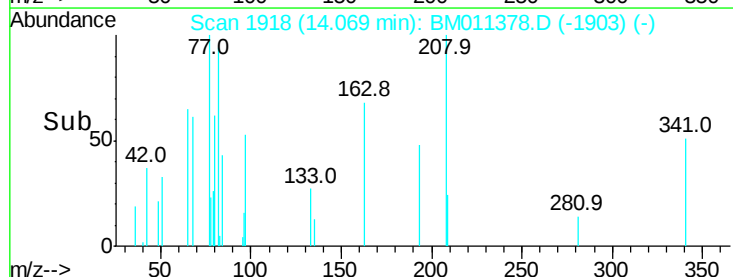
164 0.0 8.2 12.2#

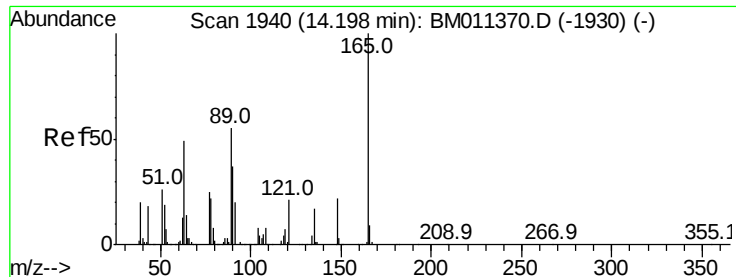


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

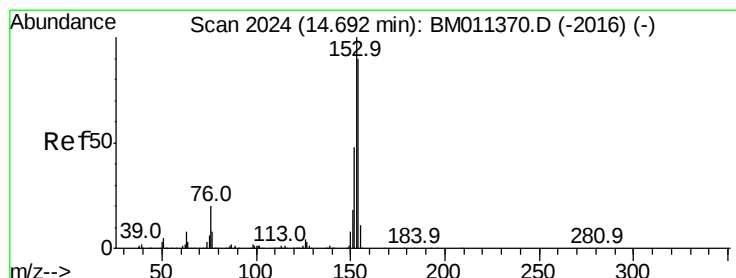
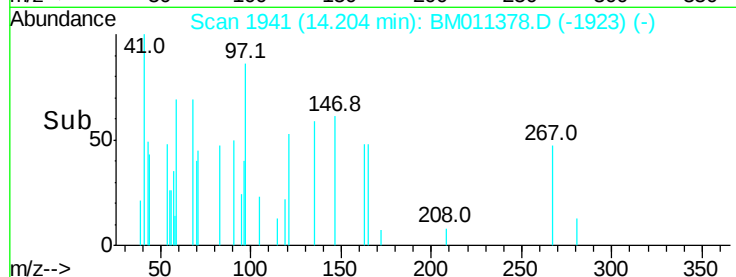
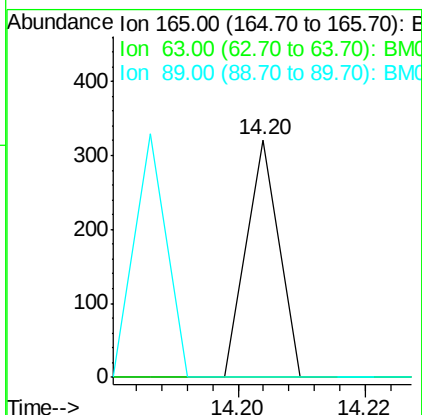
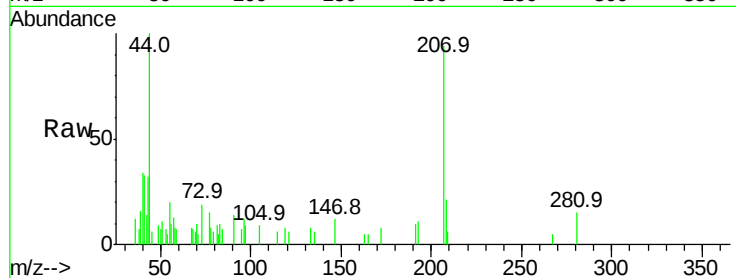




#50
2,6-Dinitrotoluene
Concen: 0.006 ng
RT: 14.20 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

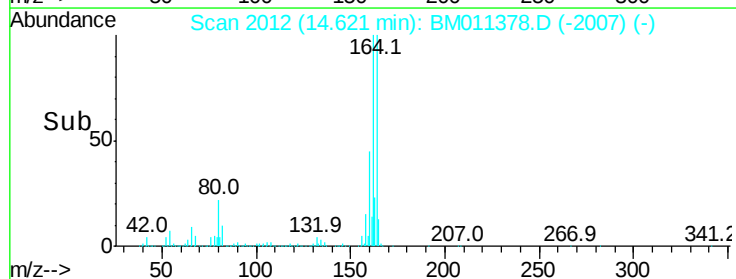
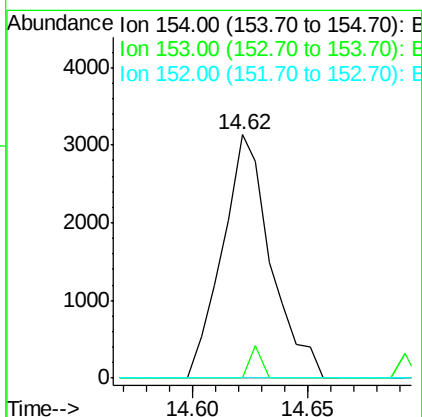
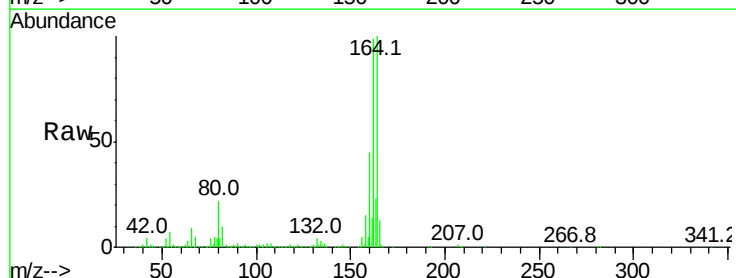
Instrument :
BNA_M
ClientSampled :

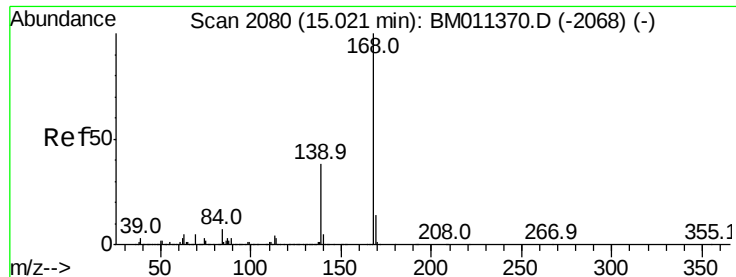
Tot Ion:165 Resp: 113
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 0.0 44.3 66.5#



#51
Acenaphthene
Concen: 0.056 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.07 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:154 Resp: 4578
Ion Ratio Lower Upper
154 100
153 0.0 90.0 135.0#
152 0.0 42.6 63.8#





#54

Dibenzofuran

Concen: 0.001 ng

RT: 15.03 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

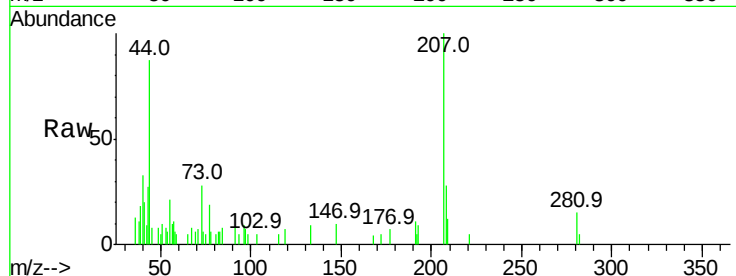
Tot Ion:168 Resp: 106

Ion Ratio Lower Upper

168 100

139 0.0 27.3 40.9#

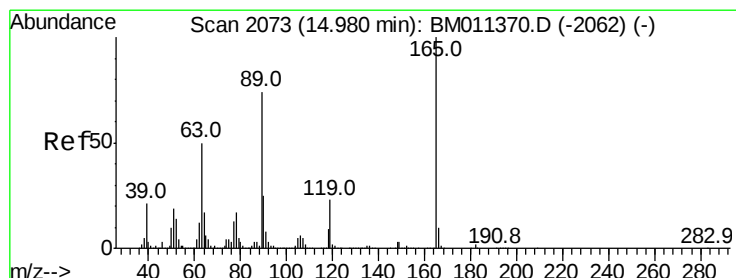
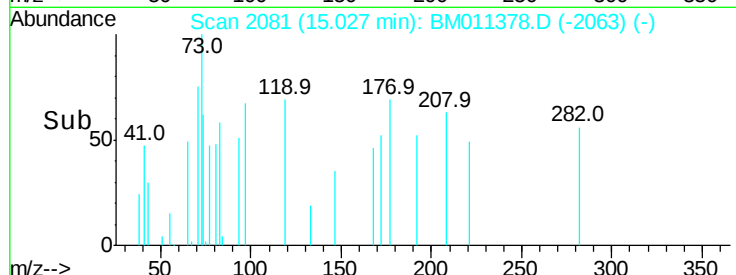
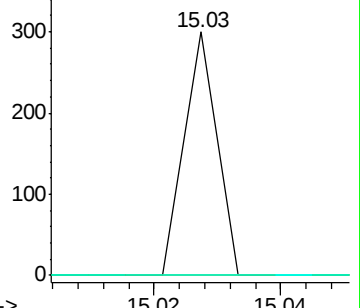
169 0.0 10.6 16.0#



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



#56

2,4-Dinitrotoluene

Concen: 5.147 ng

RT: 14.96 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:165 Resp: 234

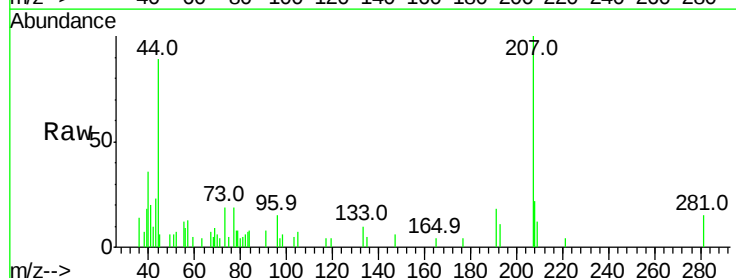
Ion Ratio Lower Upper

165 100

63 101.2 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

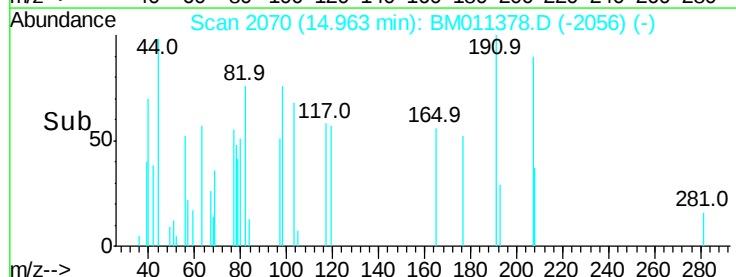
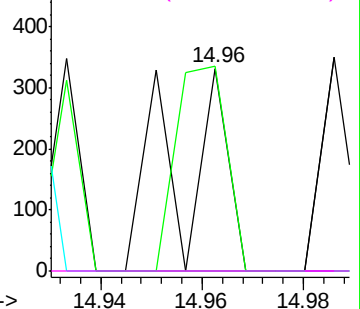


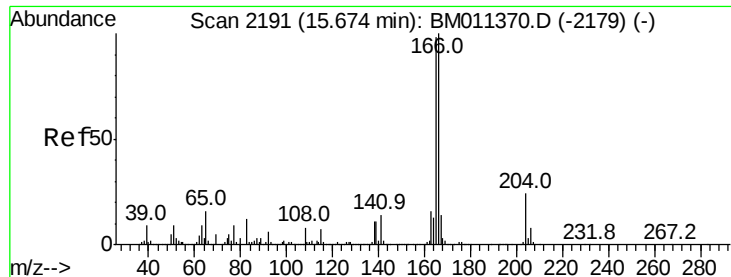
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.001 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

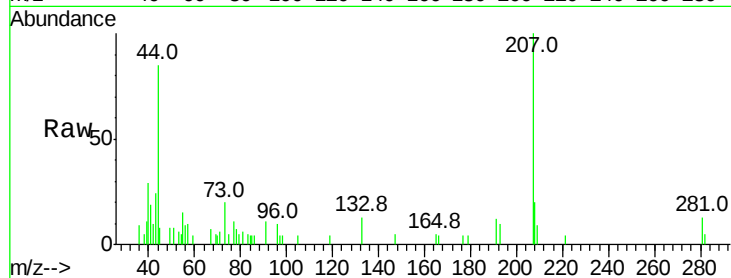
Tot Ion:166 Resp: 106

Ion Ratio Lower Upper

166 100

165 131.0 79.0 118.4#

167 0.0 10.3 15.5#



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

800

600

400

200

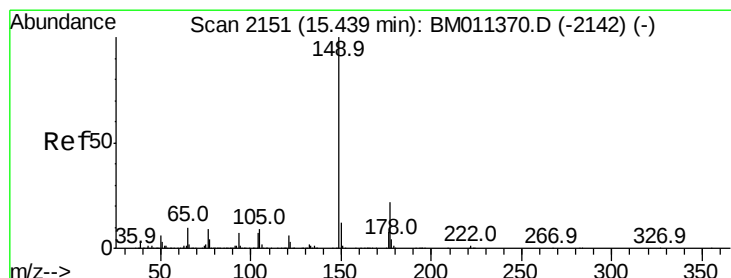
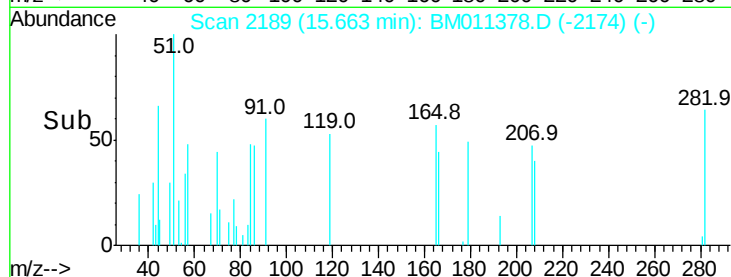
0

15.64

15.66

15.68

Time-->



#59

Diethylphthalate

Concen: 0.025 ng

RT: 15.43 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

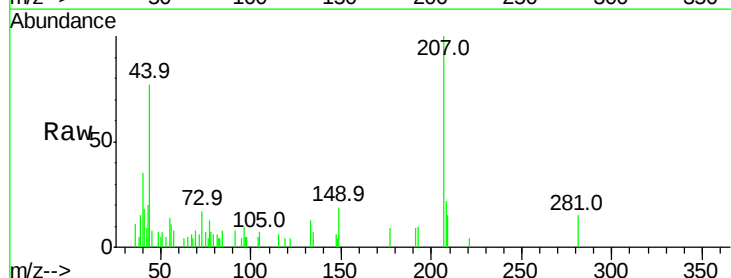
Tgt Ion:149 Resp: 2506

Ion Ratio Lower Upper

149 100

177 47.5 18.3 27.5#

150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

2000

1500

1000

500

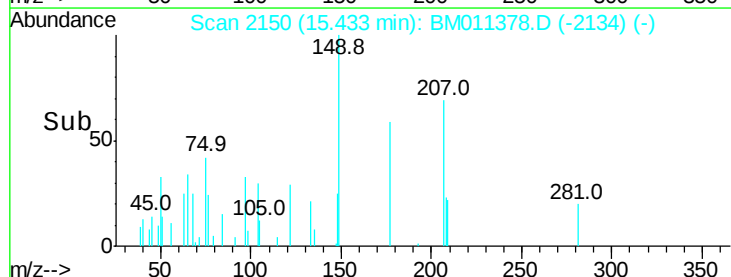
0

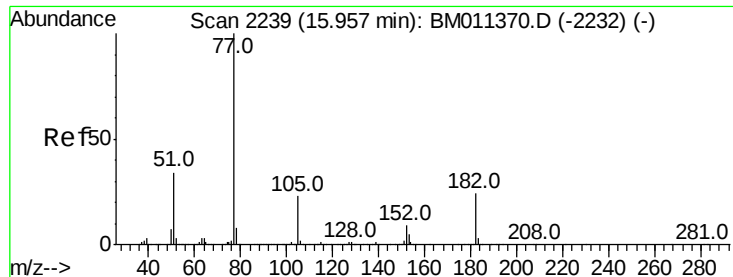
15.40

15.43

15.45

Time-->





#62

Azobenzene

Concen: 0.003 ng

RT: 15.94 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 241

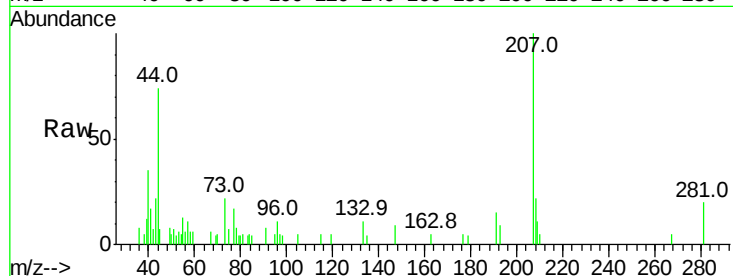
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 31.0 3.8 43.8

51 39.7 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

2000

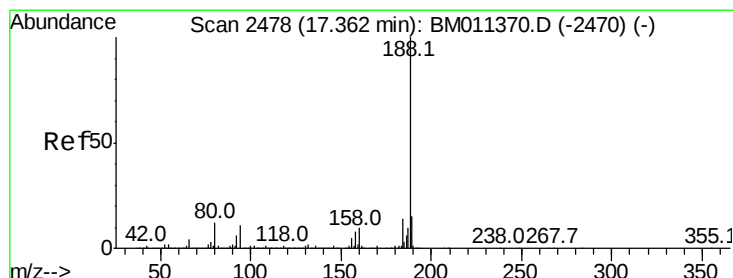
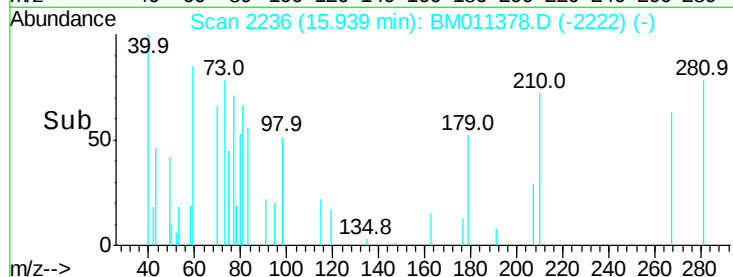
1500

1000

500

0

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

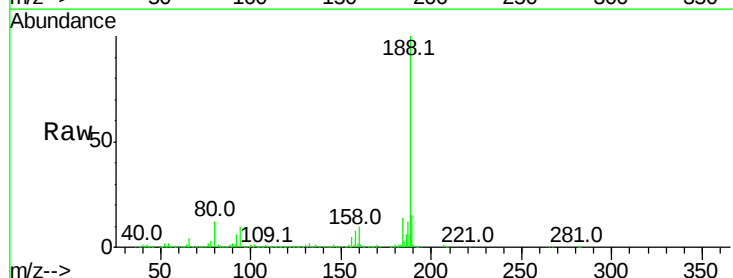
Tgt Ion: 188 Resp: 2725733

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 11.5 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

2500000

2000000

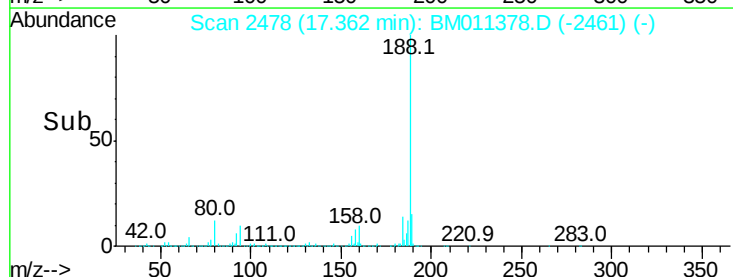
1500000

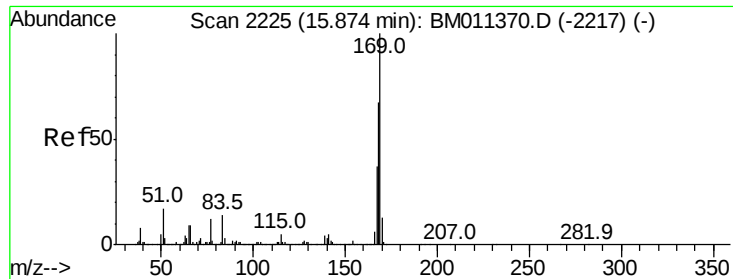
1000000

500000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 0.004 ng

RT: 15.89 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

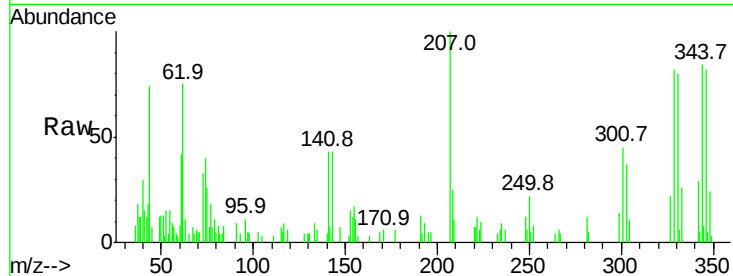
Tot Ion:169 Resp: 329

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

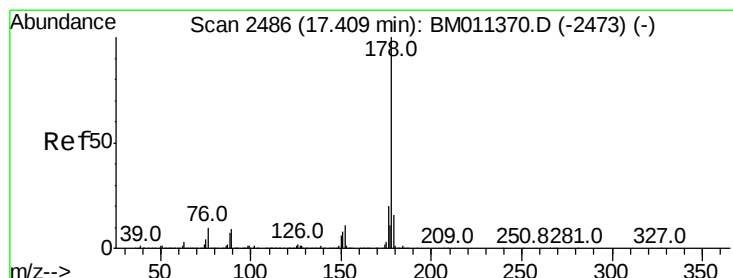
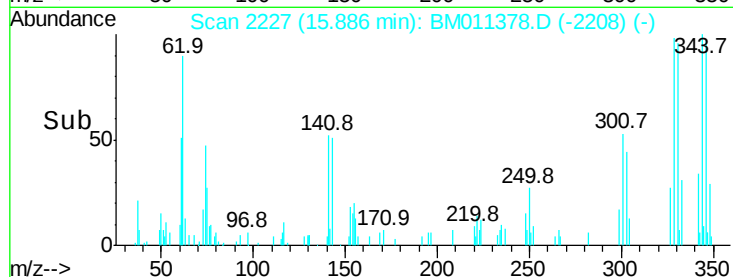
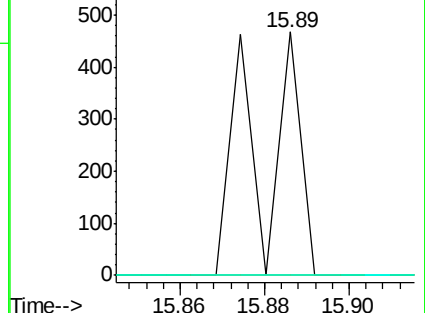
167 0.0 28.9 43.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.009 ng

RT: 17.40 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

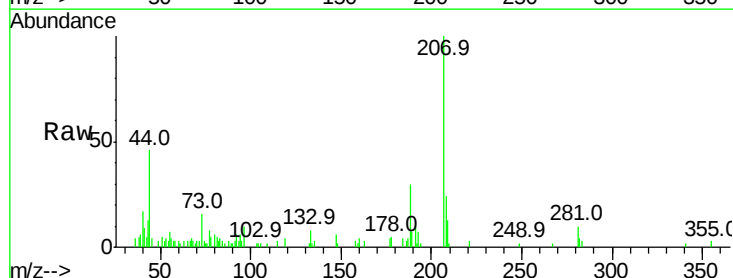
Tgt Ion:178 Resp: 1366

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

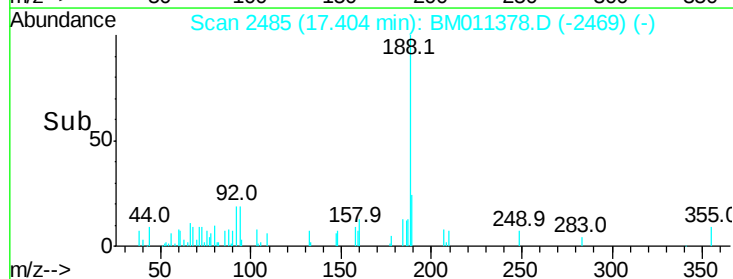
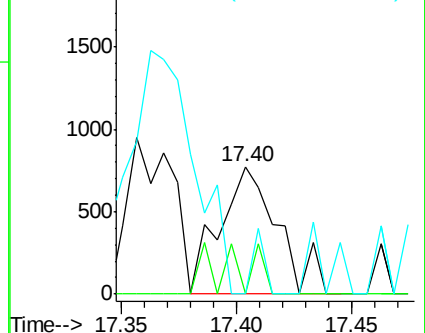
179 0.0 12.1 18.1#

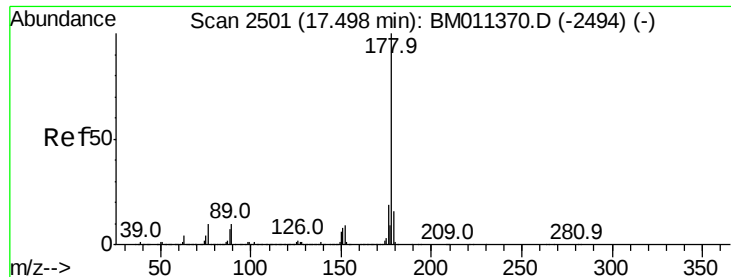


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.006 ng

RT: 17.50 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

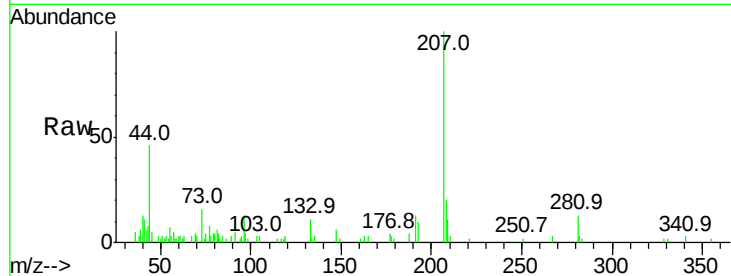
Tot Ion:178 Resp: 947

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

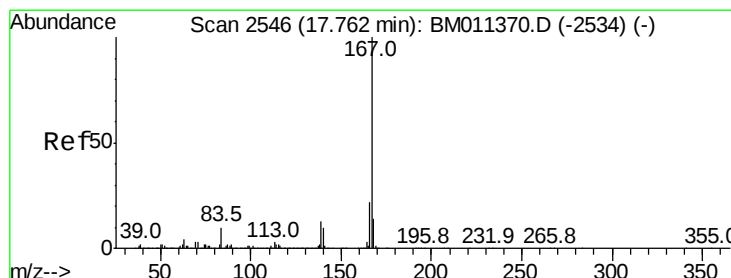
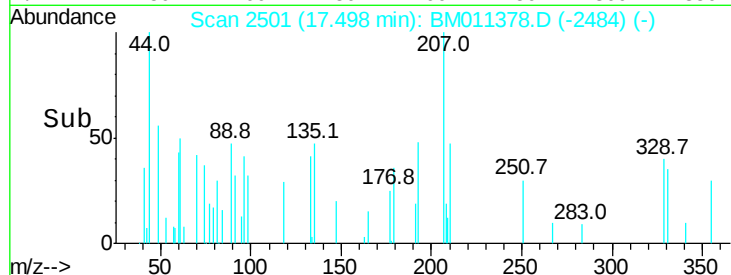
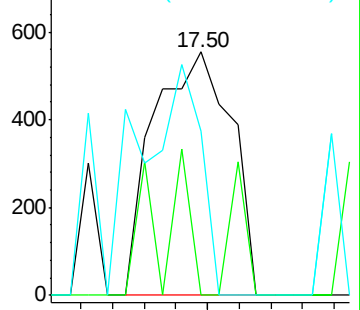
179 67.2 12.6 19.0#



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

Carbazole

Concen: 0.006 ng

RT: 17.76 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

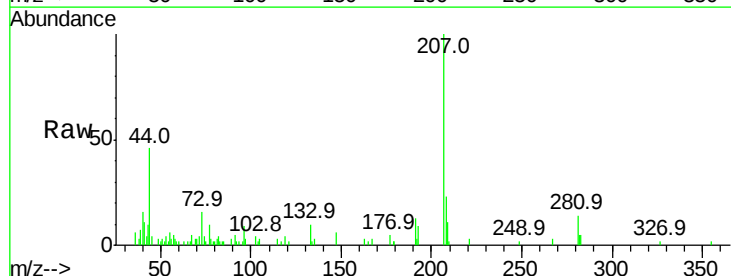
Tgt Ion:167 Resp: 872

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

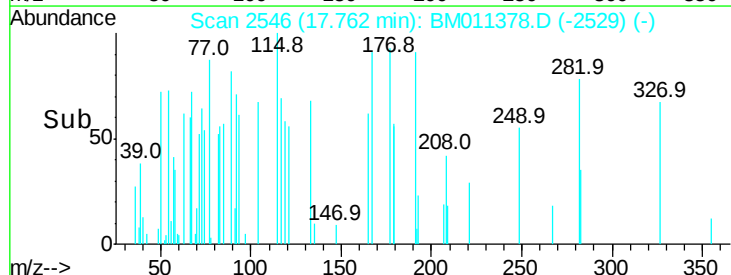
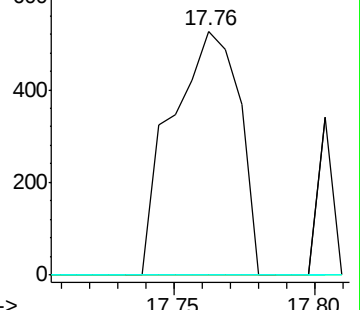
139 0.0 10.8 16.2#

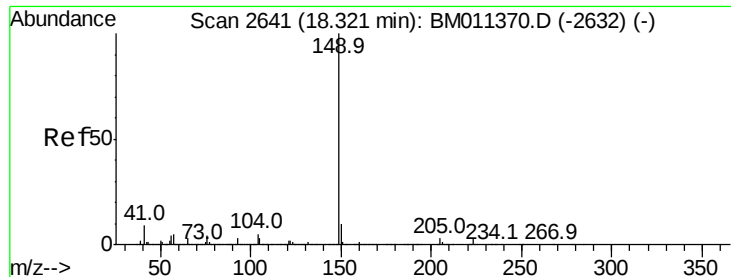


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.013 ng

RT: 18.32 min Scan# 2641

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

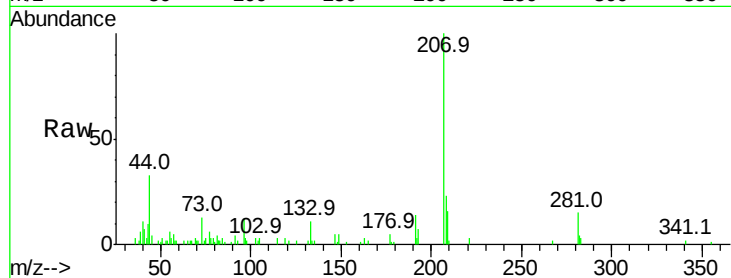
Tot Ion:149 Resp: 2157

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

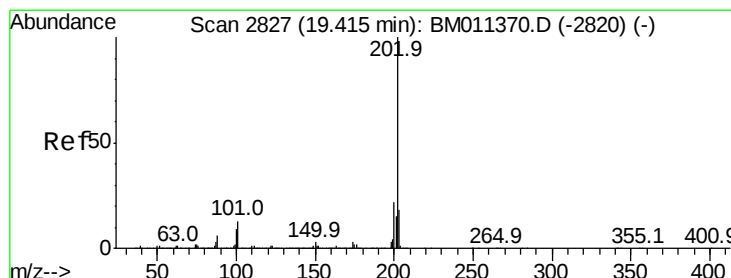
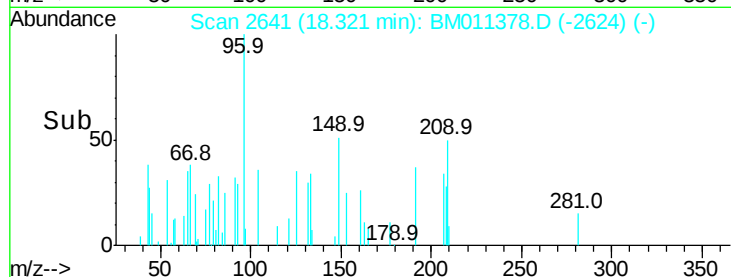
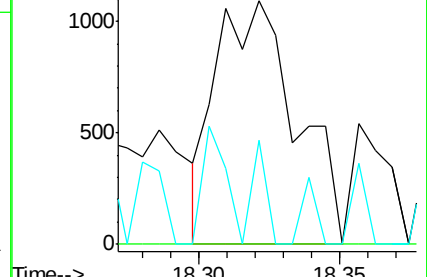
104 42.8 3.7 5.5#



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



#74

Fluoranthene

Concen: 0.005 ng

RT: 19.42 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

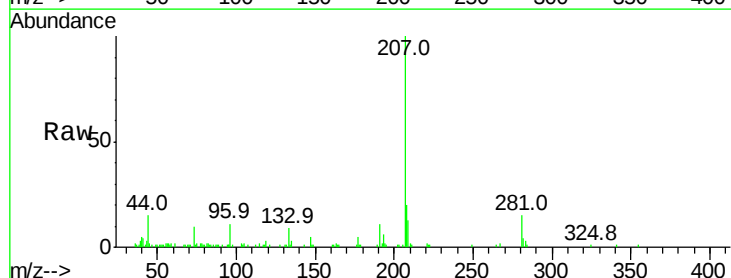
Tgt Ion:202 Resp: 918

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.7

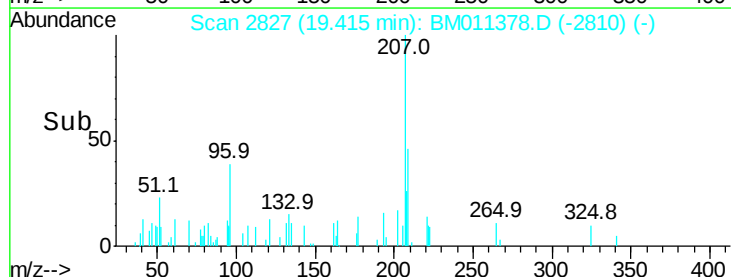
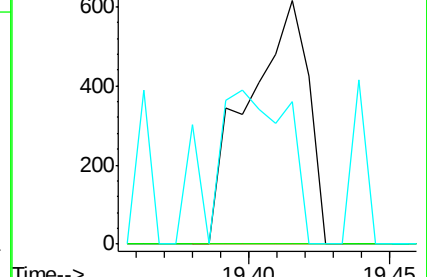
203 58.4 0.0 37.2#

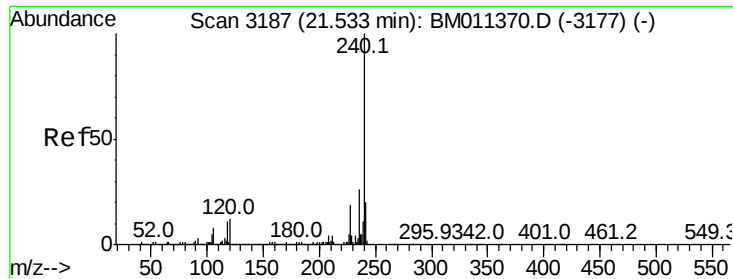


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

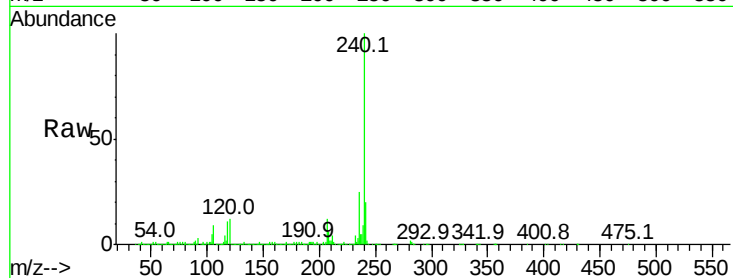
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 3122524

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	25.4	20.0	30.0

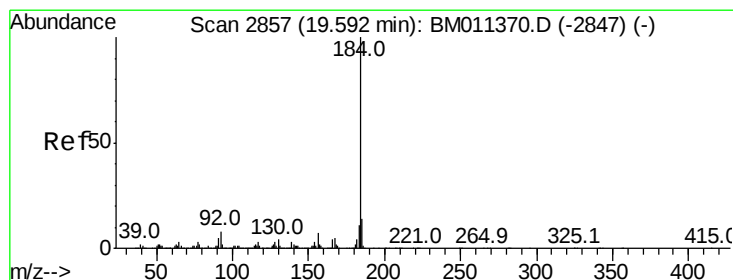
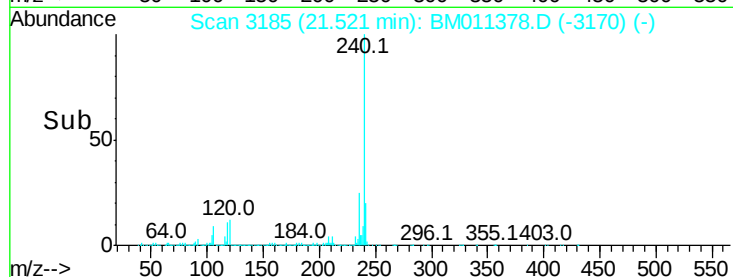
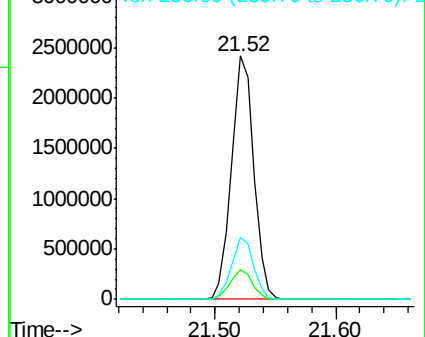


Abundance

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



#76

Benzidine

Concen: 0.194 ng

RT: 19.59 min Scan# 2857

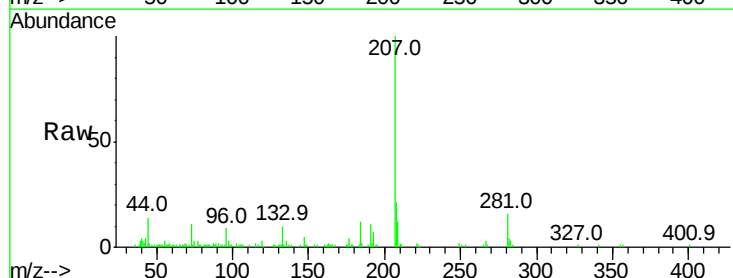
Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:184 Resp: 11976

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.3	16.9#
183	10.2	8.9	13.3

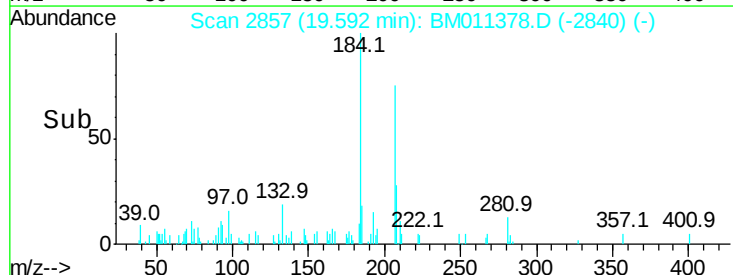
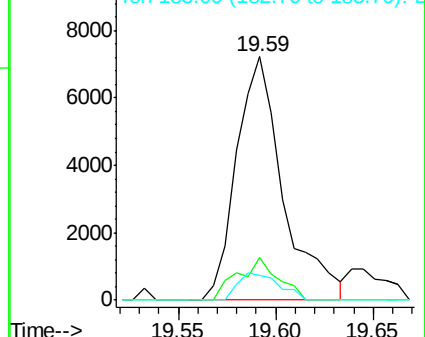


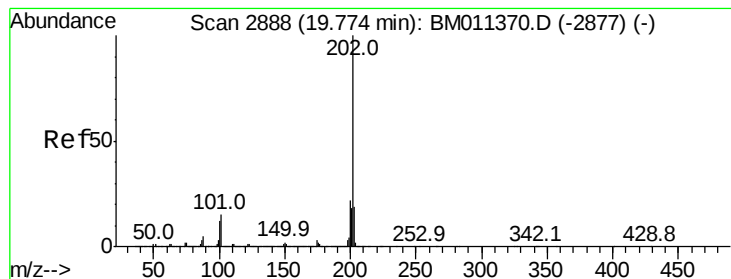
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.003 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

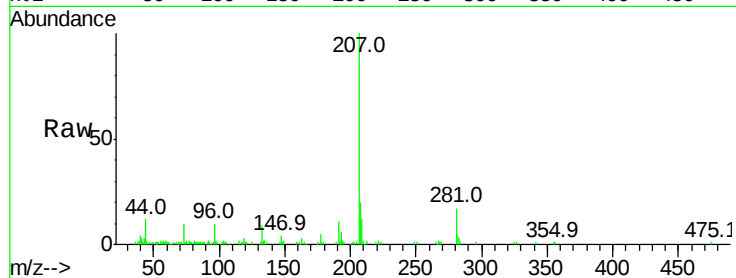
Tot Ion:202 Resp: 620

Ion Ratio Lower Upper

202 100

200 52.1 16.9 25.3#

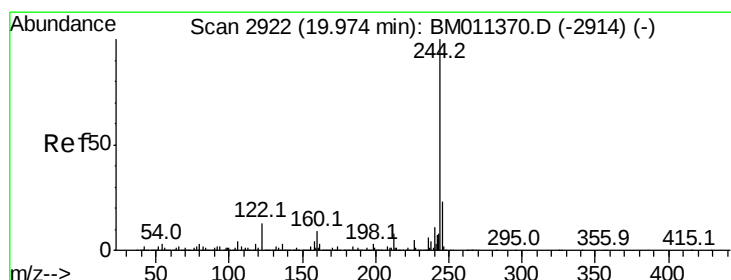
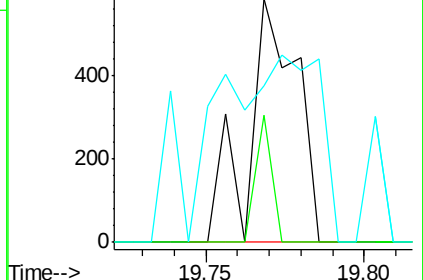
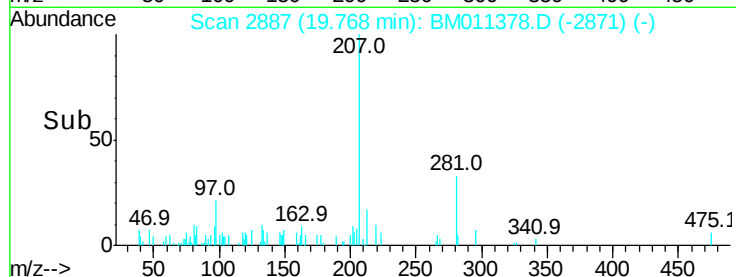
203 64.0 14.1 21.1#



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



#78

Terphenyl-d14

Concen: 74.833 ng

RT: 19.97 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

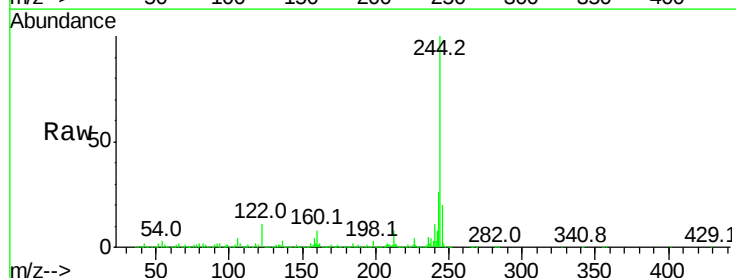
Tgt Ion:244 Resp: 9417512

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

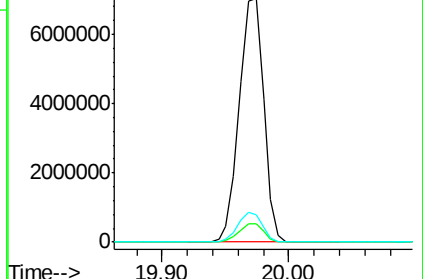
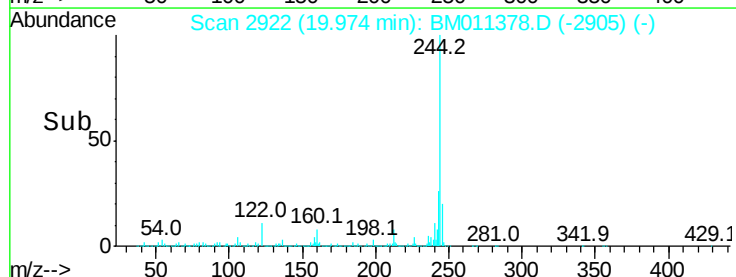
122 11.3 6.2 9.4#

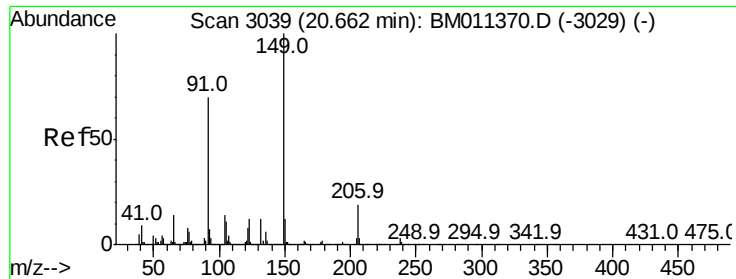


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

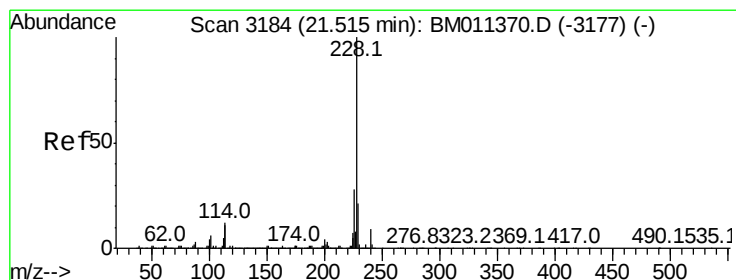
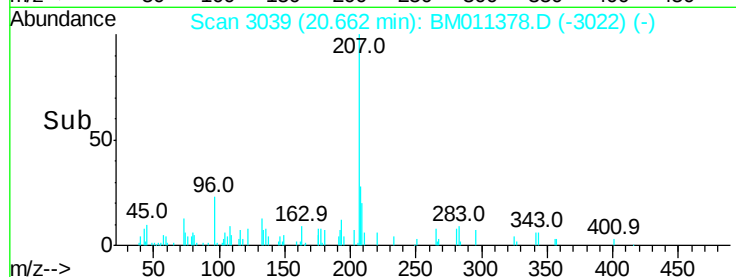
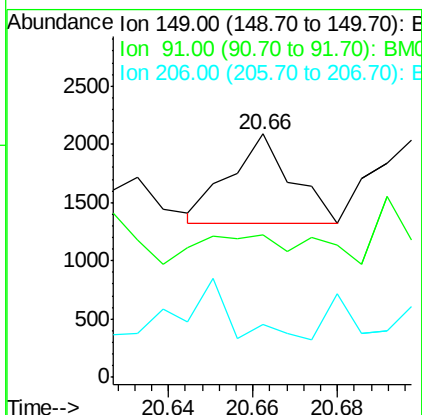
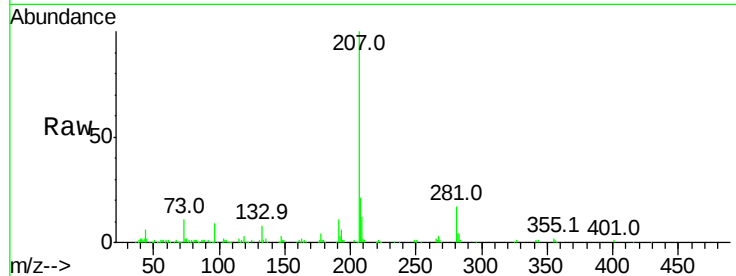




#79
Butylbenzylphthalate
Concen: 0.009 ng
RT: 20.66 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

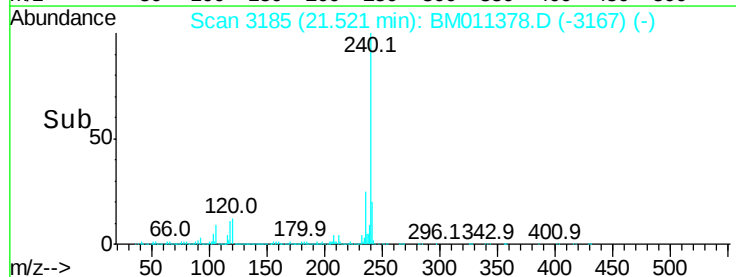
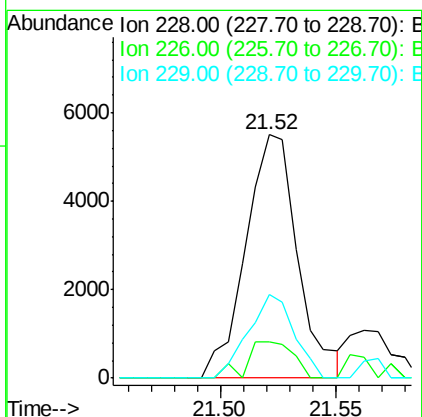
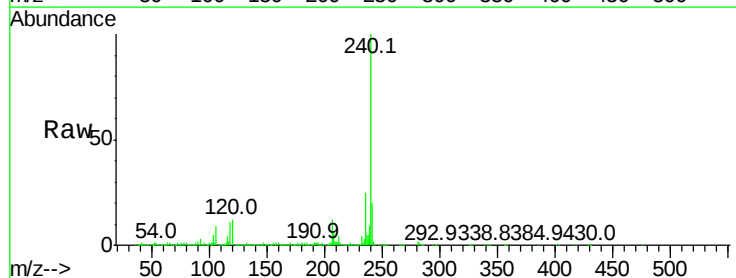
Instrument :
BNA_M
ClientSampled :

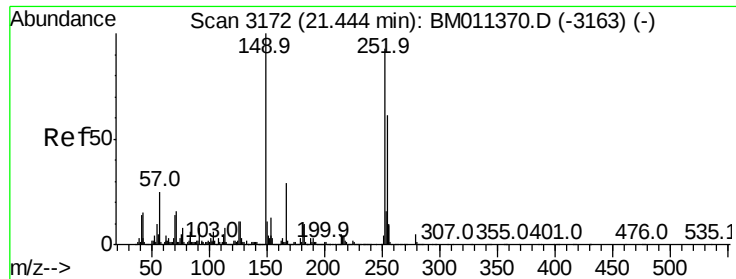
Tot Ion:149 Resp: 780
Ion Ratio Lower Upper
149 100
91 58.6 50.1 75.1
206 21.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.52 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:228 Resp: 8651
Ion Ratio Lower Upper
228 100
226 14.7 21.7 32.5#
229 34.5 16.0 24.0#

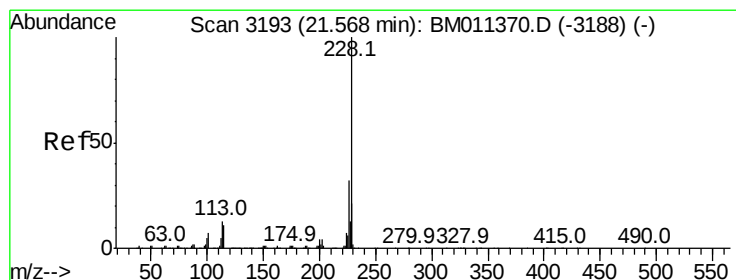
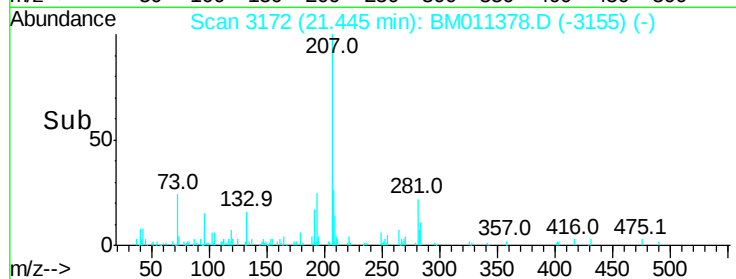
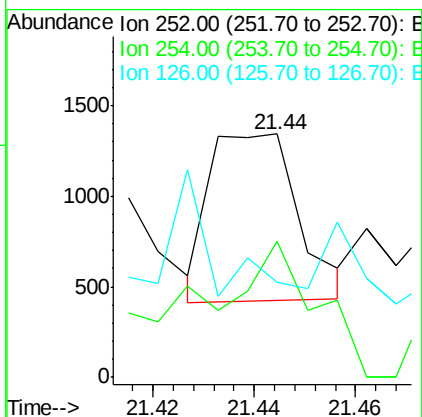
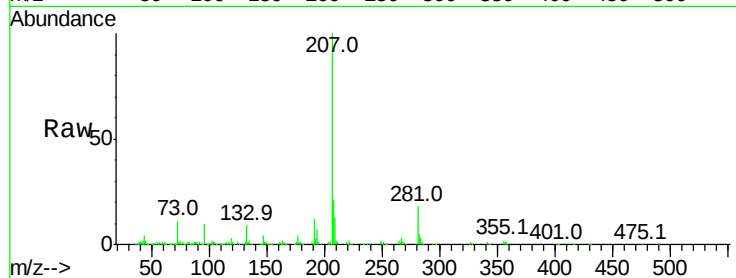




#81
 3,3'-Dichlorobenzidine
 Concen: 0.017 ng
 RT: 21.44 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

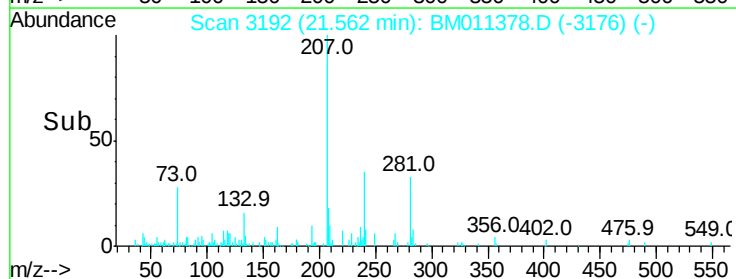
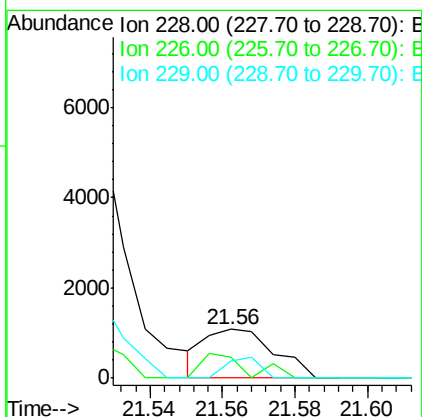
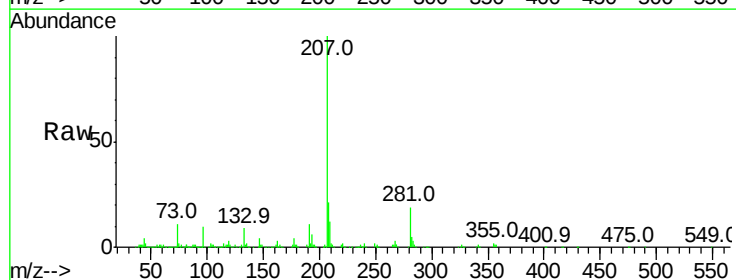
Instrument :
 BNA_M
 ClientSampled :

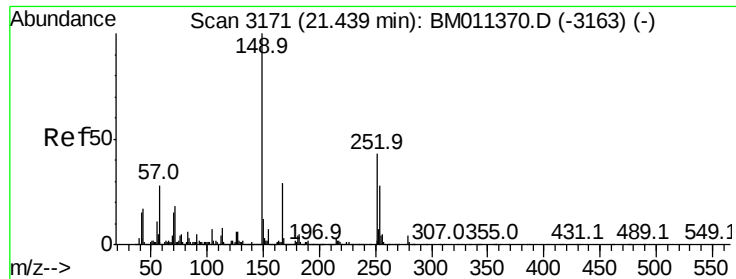
Tot Ion:252 Resp: 1123
 Ion Ratio Lower Upper
 252 100
 254 55.9 51.9 77.9
 126 39.1 9.8 14.8#



#82
 Chrysene
 Concen: 0.009 ng
 RT: 21.56 min Scan# 3192
 Delta R.T. -0.01 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Tgt Ion:228 Resp: 1438
 Ion Ratio Lower Upper
 228 100
 226 43.7 24.1 36.1#
 229 35.4 15.5 23.3#

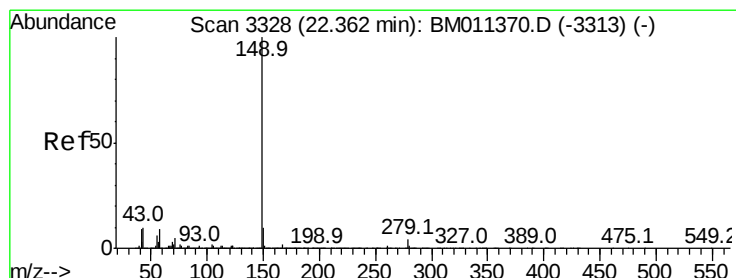
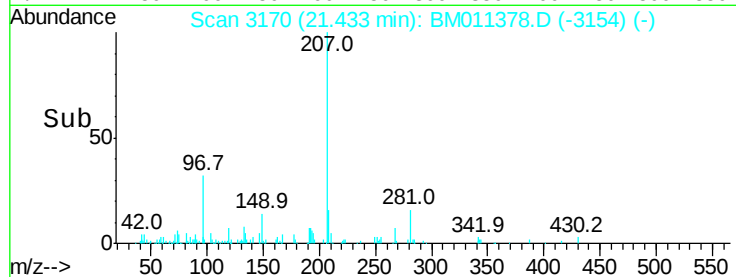
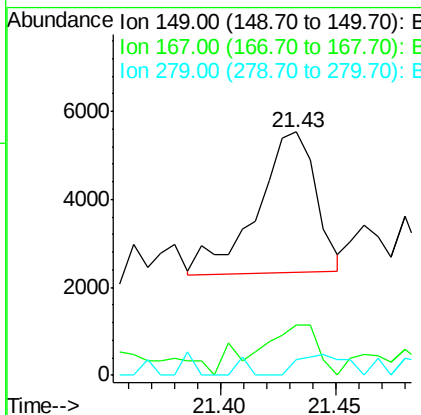
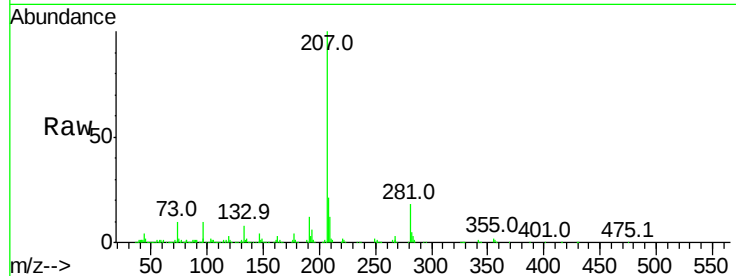




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.43 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

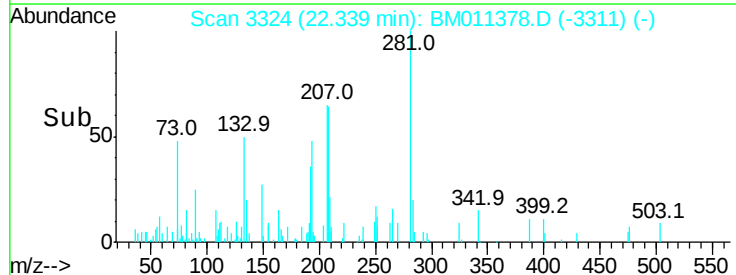
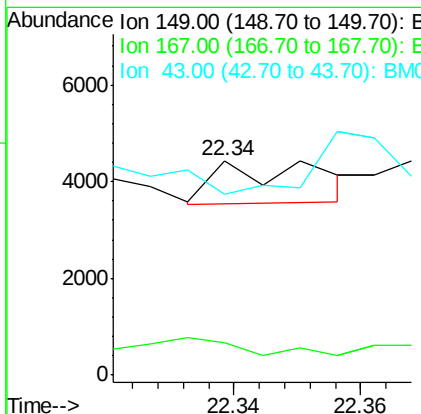
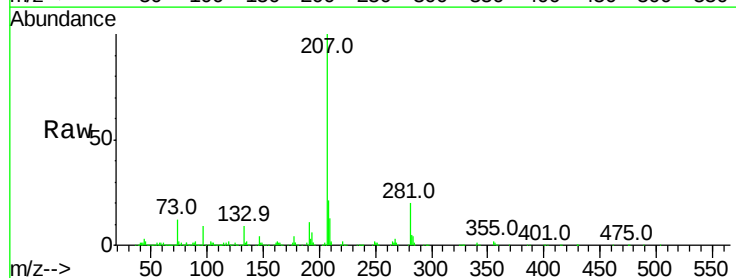
Instrument :
 BNA_M
 ClientSampleId :

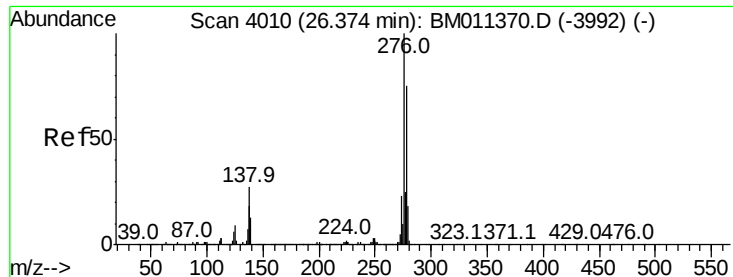
Tot Ion:149 Resp: 5679
 Ion Ratio Lower Upper
 149 100
 167 20.8 22.4 33.6#
 279 6.7 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.34 min Scan# 3324
 Delta R.T. -0.02 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Tgt Ion:149 Resp: 955
 Ion Ratio Lower Upper
 149 100
 167 50.5 1.2 1.8#
 43 0.0 7.3 10.9#

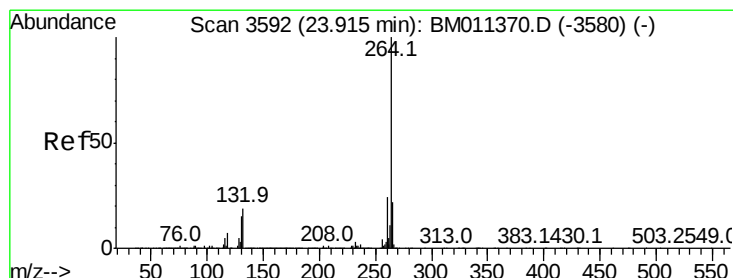
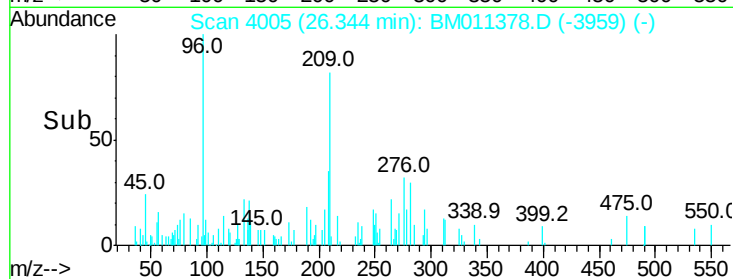
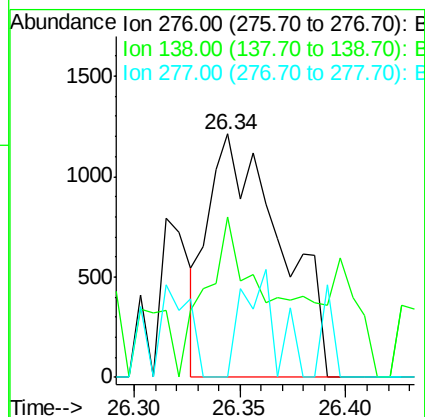
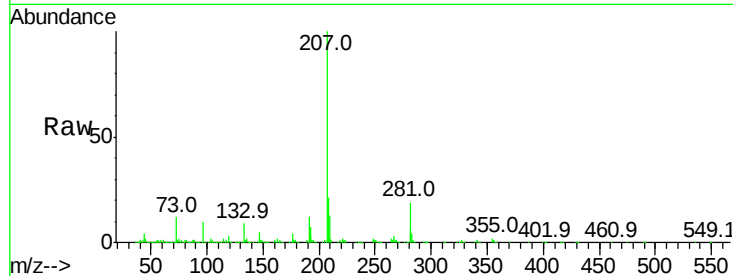




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.019 ng
RT: 26.34 min Scan# 4005
Delta R.T. -0.03 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

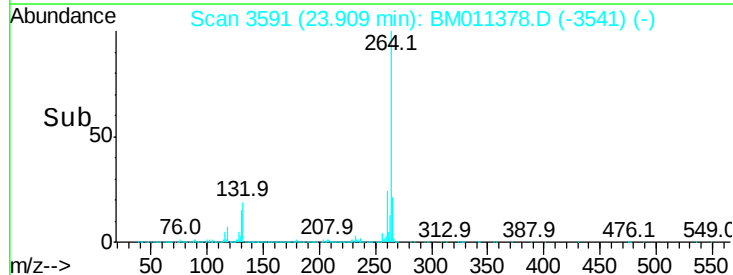
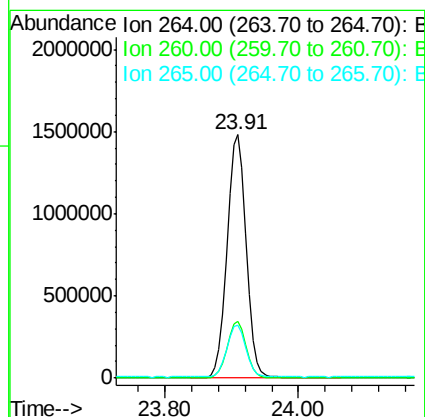
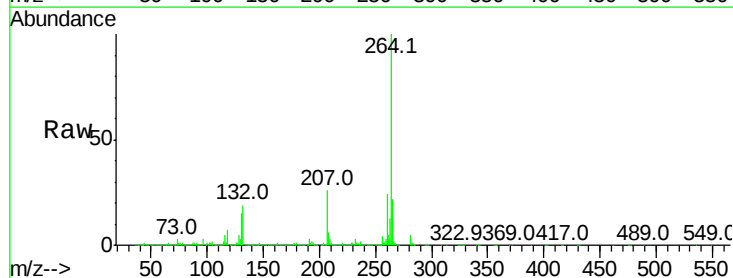
Instrument :
BNA_M
ClientSampleId :

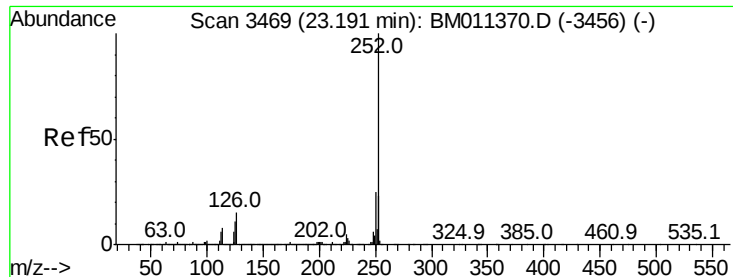
Tot Ion:276 Resp: 2890
Ion Ratio Lower Upper
276 100
138 51.2 12.0 18.0#
277 20.3 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.91 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:264 Resp: 3005973
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.017 ng

RT: 23.19 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM011378.D

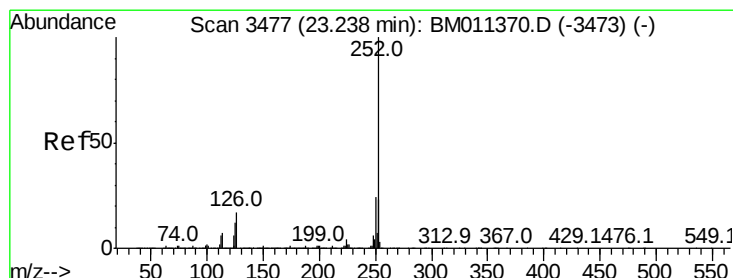
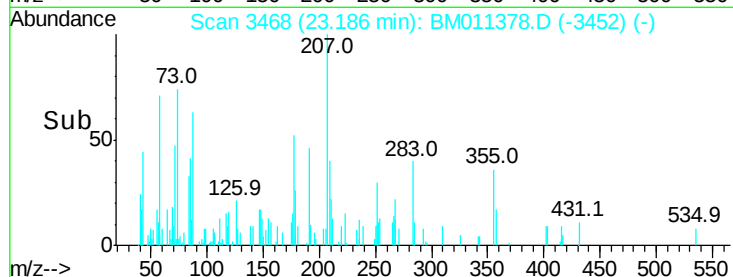
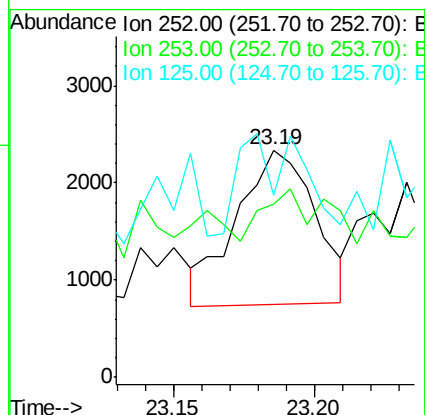
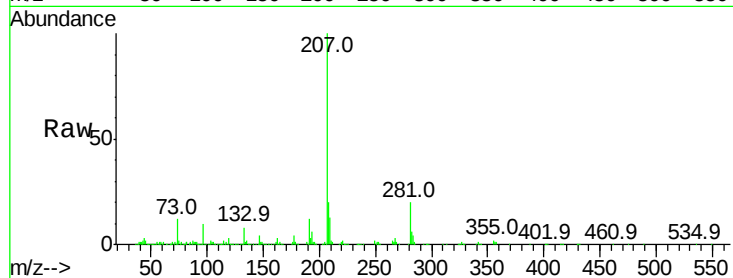
Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	3068
Ion	Ratio	Lower	Upper
252	100		
253	76.2	18.0	27.0#
125	80.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 0.011 ng

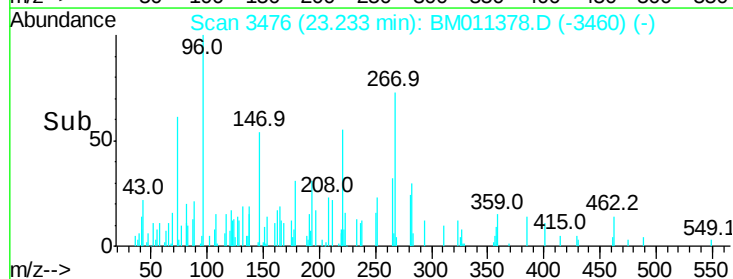
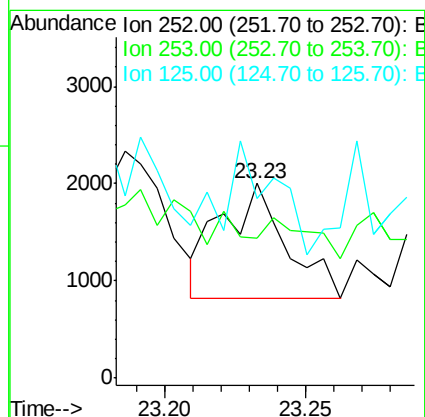
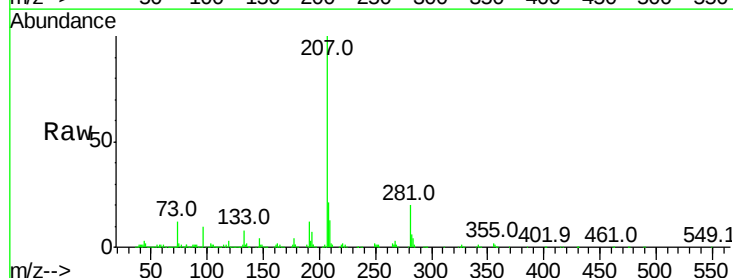
RT: 23.23 min Scan# 3476

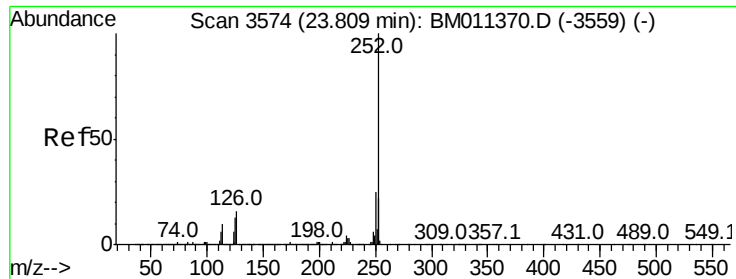
Delta R.T. -0.01 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:	252	Resp:	1923
Ion	Ratio	Lower	Upper
252	100		
253	72.2	17.2	25.8#
125	92.3	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.009 ng

RT: 23.81 min Scan# 3574

Delta R.T. 0.00 min

Lab File: BM011378.D

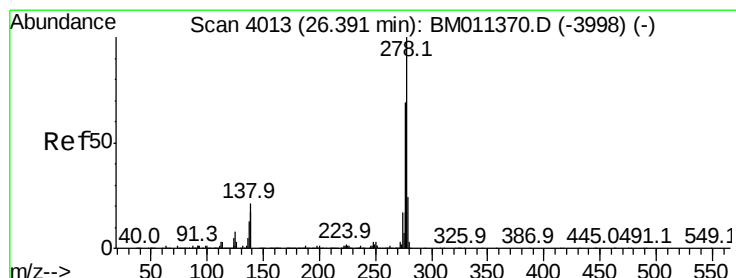
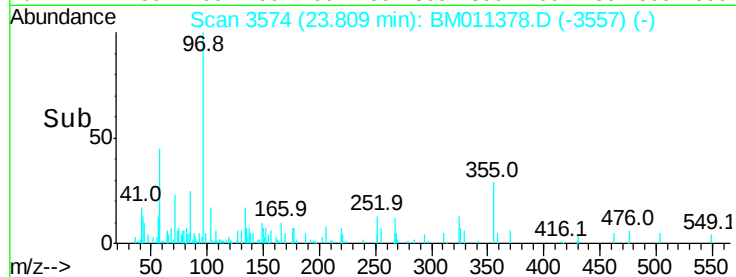
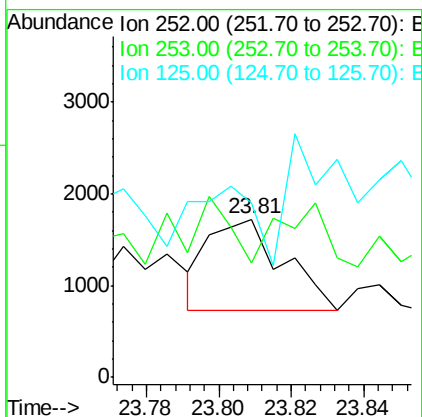
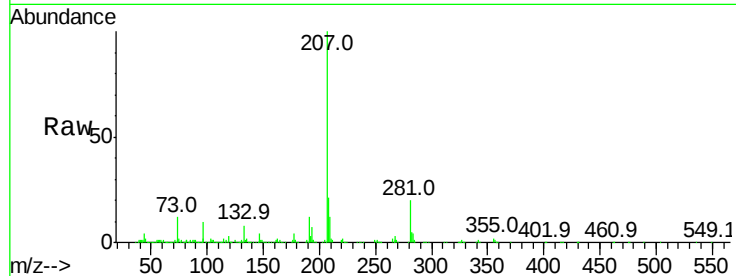
Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	1419
Ion	Ratio	Lower	Upper
252	100		
253	71.9	17.6	26.4#
125	110.4	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.015 ng

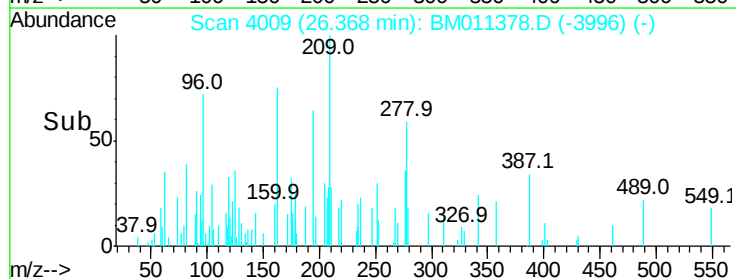
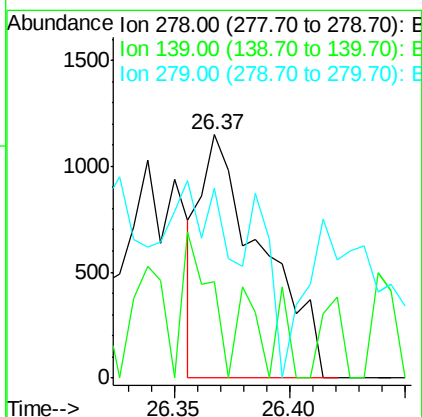
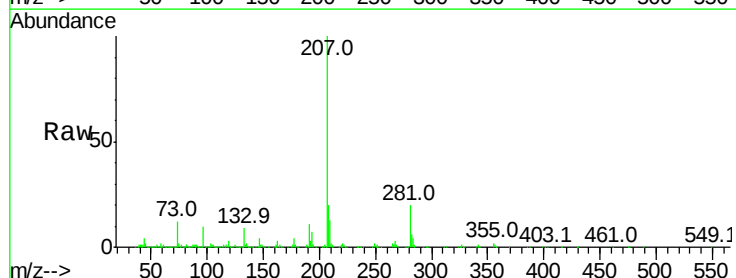
RT: 26.37 min Scan# 4009

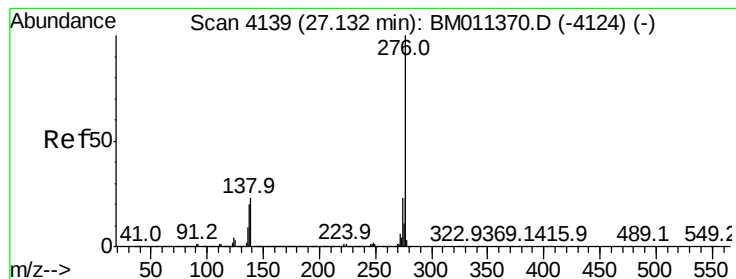
Delta R.T. -0.02 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Tgt Ion:	278	Resp:	2137
Ion	Ratio	Lower	Upper
278	100		
139	39.7	13.4	20.0#
279	77.8	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.010 ng

RT: 27.09 min Scan# 4131

Delta R.T. -0.05 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1410

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 46.0 19.0 28.6#

