

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011392.D
 Acq On : 01 Sep 2017 03:22
 Operator : SJ/JU
 Sample : I5024-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:15:21 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	551383	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2321453	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1291175	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2898974	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3326829	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3104859	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4603427	140.53	ng	0.00
7) Phenol-d6	7.14	99	5580263	122.86	ng	0.00
23) Nitrobenzene-d5	9.15	82	3510782	99.66	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2212914	148.14	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	8521632	95.14	ng	0.00
78) Terphenyl-d14	19.97	244	11502871	85.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	623	0.046	ng	# 100
3) Pyridine	3.85	79	264	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.73	42	942	0.044	ng	# 1
6) Aniline	7.32	93	12227	0.198	ng	# 92
8) 2-Chlorophenol	7.55	128	1659	0.043	ng	# 1
9) Benzaldehyde	7.14	77	9108	0.345	ng	# 5
10) Phenol	7.17	94	3289	0.066	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	1167	0.027	ng	# 1
15) Benzyl Alcohol	8.23	79	1070	0.033	ng	# 17
16) 2,2'-oxybis(1-Chloropropan	8.53	45	880	0.013	ng	# 73
17) 2-Methylphenol	8.43	107	119	0.004	ng	# 1
18) Hexachloroethane	9.09	117	114	0.007	ng	# 28
19) n-Nitroso-di-n-propylamine	8.79	70	145	0.004	ng	# 1
20) 3+4-Methylphenols	8.74	107	129	0.003	ng	# 1
22) Acetophenone	8.81	105	6585	0.114	ng	# 76
24) Nitrobenzene	9.16	77	10048	0.259	ng	# 36
25) Isophorone	9.70	82	430	0.005	ng	# 62
27) 2,4-Dimethylphenol	10.00	122	3698	0.100	ng	# 6
28) bis(2-Chloroethoxy)methane	10.26	93	109	0.002	ng	# 50
30) 1,2,4-Trichlorobenzene	10.66	180	109	0.003	ng	# 77
31) Naphthalene	10.85	128	11307	0.090	ng	# 95
32) Benzoic acid	10.10	122	118	6.544	ng	# 1
33) 4-Chloroaniline	10.96	127	5601	0.102	ng	# 93
35) Caprolactam	11.75	113	818	0.066	ng	# 1
36) 4-Chloro-3-methylphenol	11.91	107	118	0.003	ng	# 14
37) 2-Methylnaphthalene	12.46	142	4098	0.047	ng	# 80
45) 1,1'-Biphenyl	13.45	154	11970	0.104	ng	# 96
47) 2-Nitroaniline	13.71	65	131	5.442	ng	# 1
48) Acenaphthylene	14.34	152	1235	0.009	ng	# 1
49) Dimethylphthalate	14.07	163	494	0.005	ng	# 77
50) 2,6-Dinitrotoluene	14.19	165	112	0.006	ng	# 24
51) Acenaphthene	14.68	154	5950	0.069	ng	# 95
54) Dibenzofuran	15.02	168	4699	0.040	ng	# 88
56) 2,4-Dinitrotoluene	14.93	165	110	5.143	ng	# 11

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 Sample : I5024-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

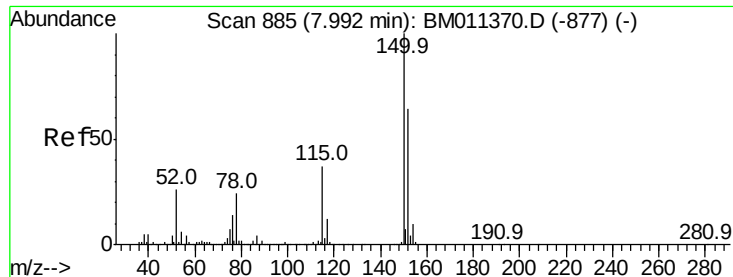
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 05:15:21 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)

57) Fluorene	15.66	166	5900	0.057	nq	99
59) Diethylphthalate	15.43	149	7408	0.070	nq	97
62) Azobenzene	15.96	77	675	0.007	nq	81
70) Phenanthrene	17.40	178	20907	0.129	nq #	92
71) Anthracene	17.49	178	3385	0.021	nq #	77
72) Carbazole	17.76	167	10173	0.065	nq #	89
73) Di-n-butylphthalate	18.32	149	22260	0.122	nq #	98
74) Fluoranthene	19.40	202	5169	0.028	nq	88
76) Benzidine	19.59	184	507224	7.725	nq	99
77) Pvrene	19.77	202	3817	0.019	nq #	95
79) Butylbenzylphthalate	20.65	149	2885	0.032	nq	99
80) Benzo(a)anthracene	21.52	228	9707	0.052	nq #	73
81) 3,3'-Dichlorobenzidine	21.44	252	9247	0.131	nq #	81
82) Chrysene	21.56	228	1021	0.006	nq #	71
83) Bis(2-ethylhexyl)phthalate	21.43	149	13738	0.104	nq #	95
84) Di-n-octyl phthalate	22.36	149	1275	0.006	nq #	78
85) Indeno(1,2,3-cd)pyrene	26.34	276	279	0.002	nq #	1
87) Benzo(b)fluoranthene	23.18	252	1585	0.008	nq #	1
88) Benzo(k)fluoranthene	23.21	252	394	0.002	nq #	1
89) Benzo(a)pyrene	23.79	252	614	0.004	nq #	1
90) Dibenzo(a,h)anthracene	26.33	278	107	0.001	nq #	1
91) Benzo(g,h,i)perylene	27.11	276	122	0.001	nq #	10

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

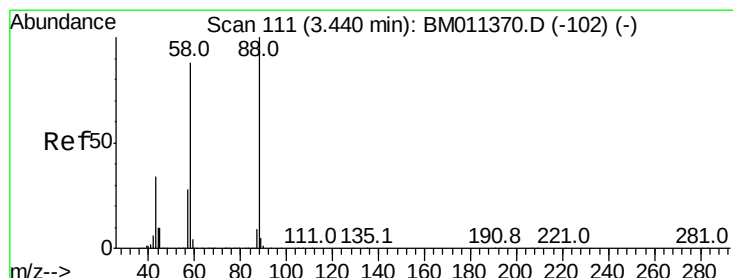
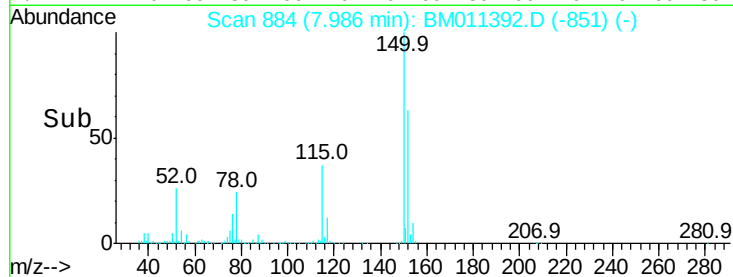
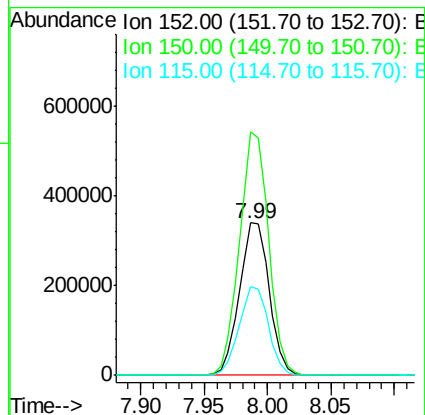
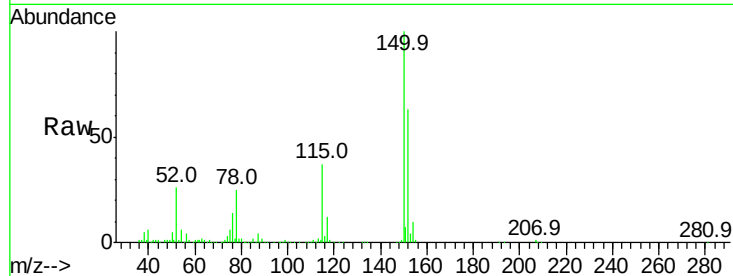


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Instrument :
BNA_M
ClientSampleId :

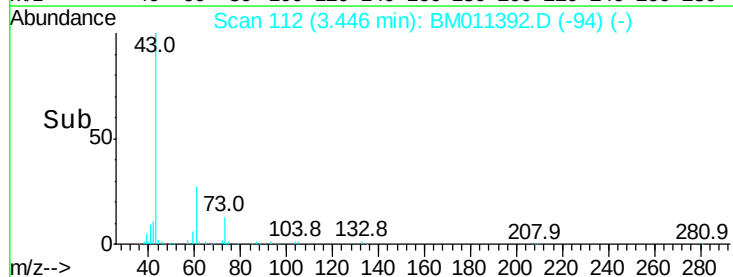
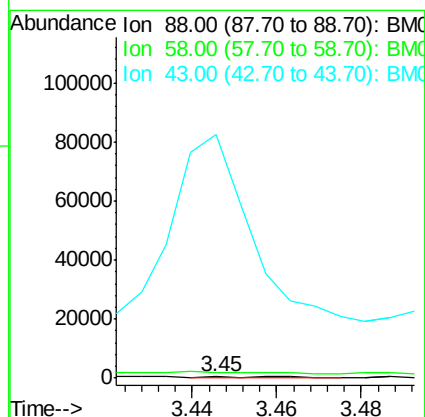
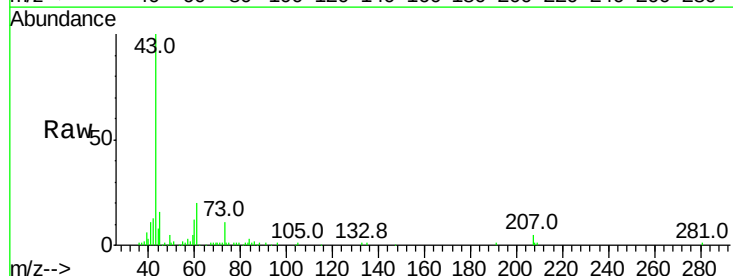
Tot Ion:152 Resp: 551383
Ion Ratio Lower Upper
152 100
150 159.6 119.5 179.3
115 58.5 43.0 64.4

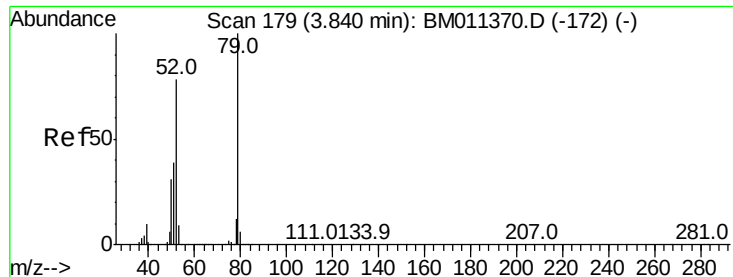


#2

1,4-Dioxane
Concen: 0.046 ng
RT: 3.45 min Scan# 112
Delta R.T. 0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion: 88 Resp: 623
Ion Ratio Lower Upper
88 100
58 176.7 0.0 0.0#
43 13152.3 0.0 0.0#





#3

Pvridine

Concen: 0.006 ng

RT: 3.85 min Scan# 180

Delta R.T. 0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

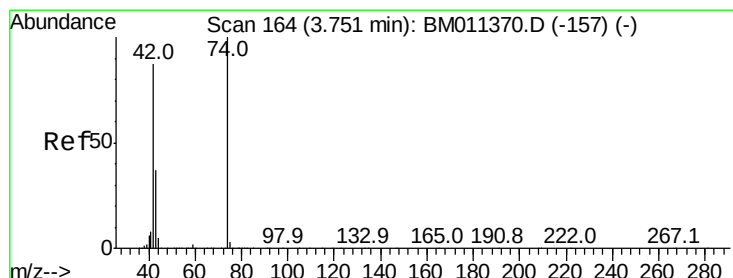
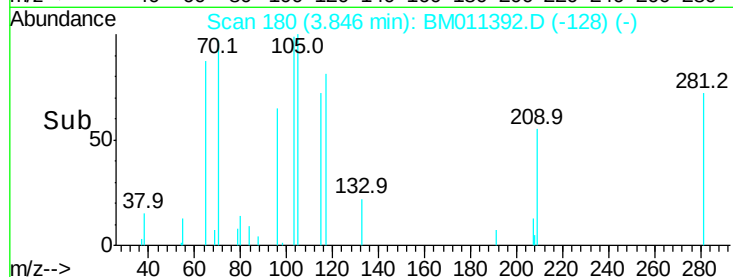
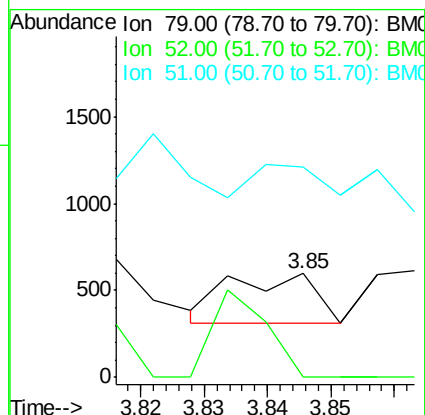
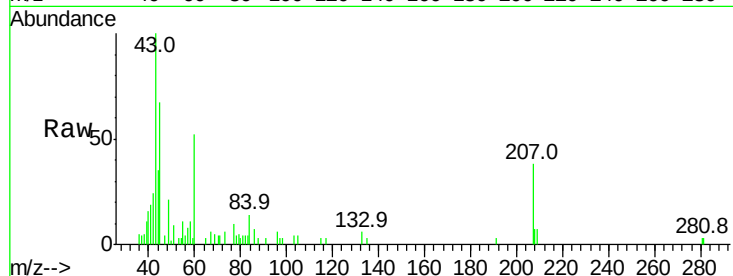
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 264

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	203.5	26.1	39.1#



#4

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.73 min Scan# 161

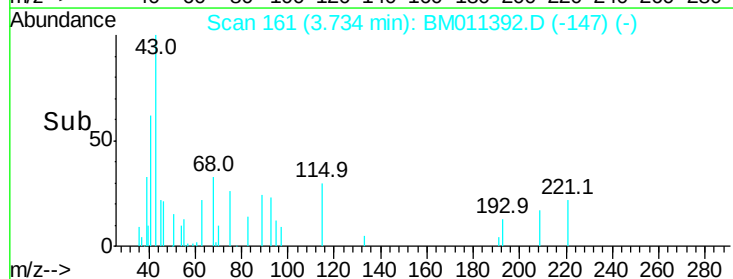
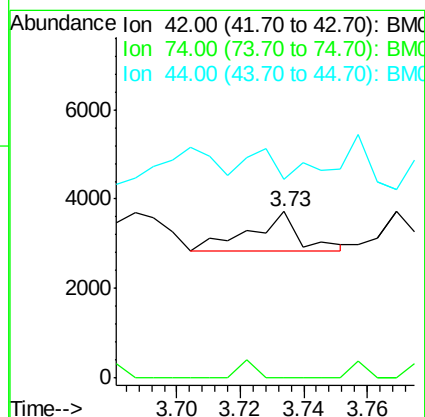
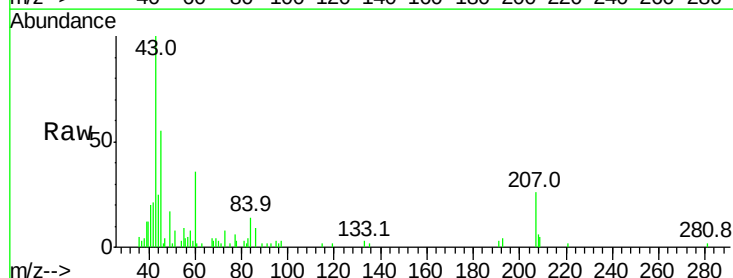
Delta R.T. -0.02 min

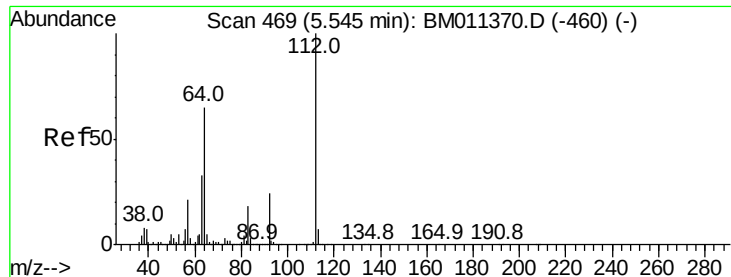
Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion: 42 Resp: 942

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	119.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 140.534 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

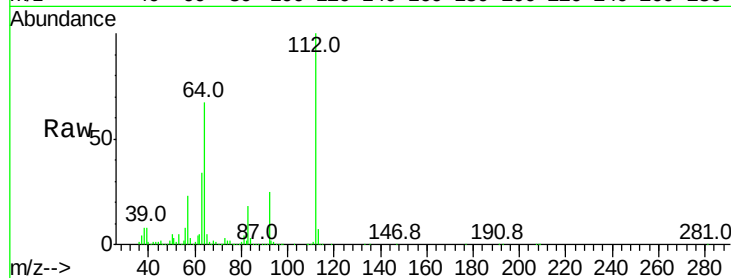
Tot Ion:112 Resp: 4603427

Ion Ratio Lower Upper

112 100

64 67.2 38.6 57.8#

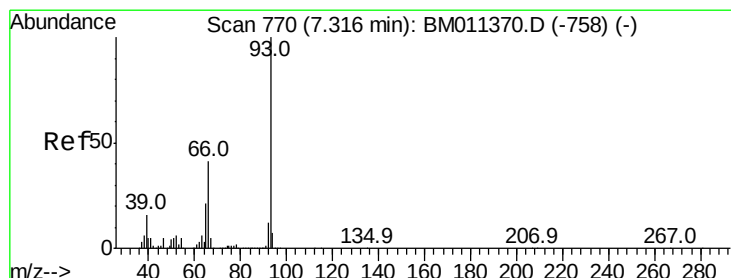
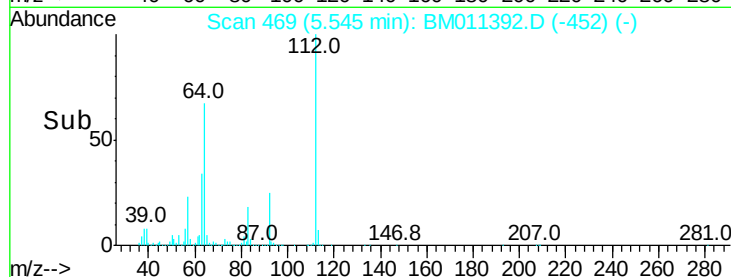
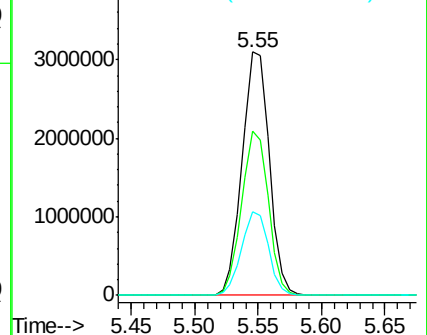
63 34.4 19.3 28.9#



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: 0.198 ng

RT: 7.32 min Scan# 770

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

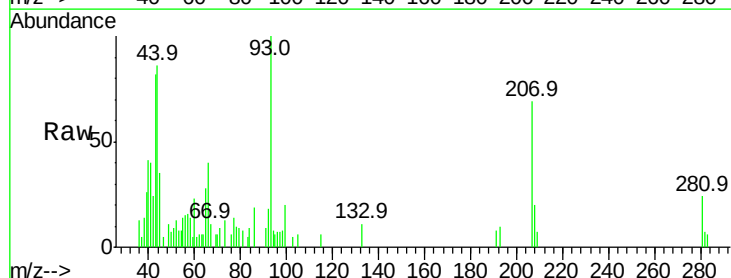
Tgt Ion: 93 Resp: 12227

Ion Ratio Lower Upper

93 100

66 40.3 30.8 46.2

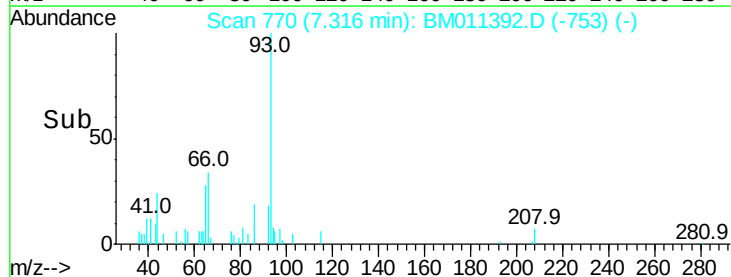
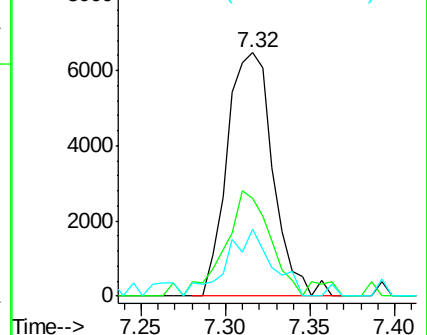
65 27.6 16.0 24.0#

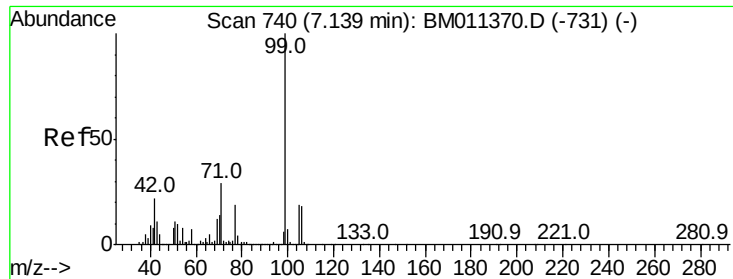


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 122.857 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

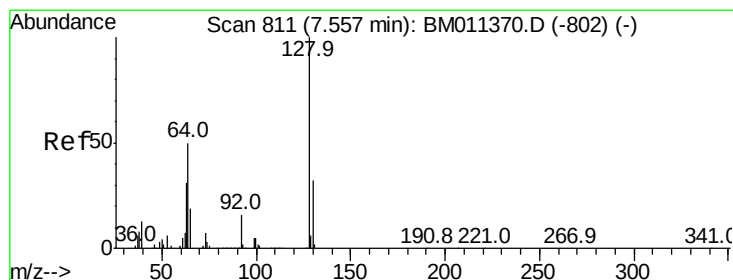
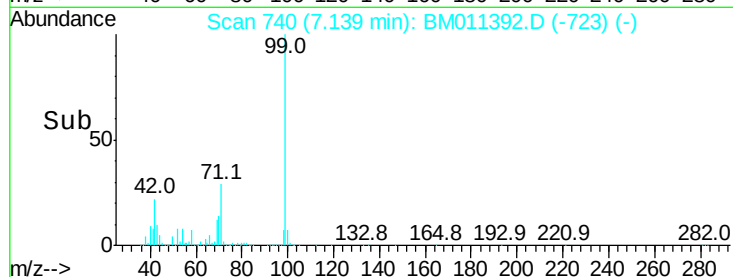
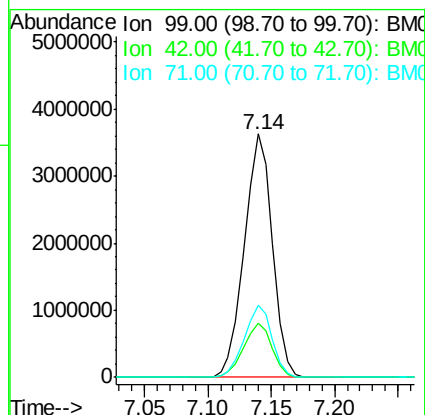
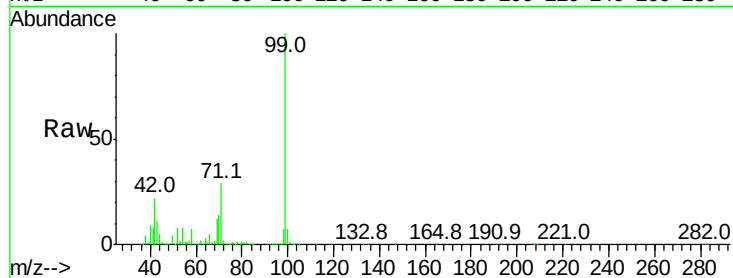
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 5580263

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	29.5	23.4	35.2



#8

2-Chlorophenol

Concen: 0.043 ng

RT: 7.55 min Scan# 809

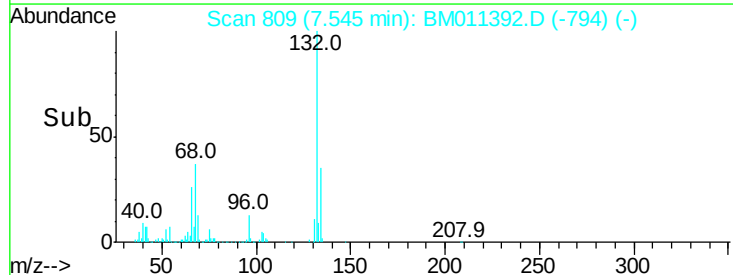
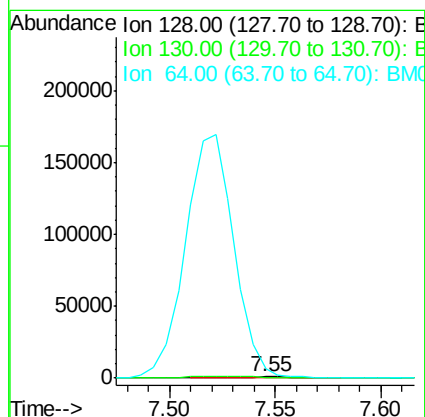
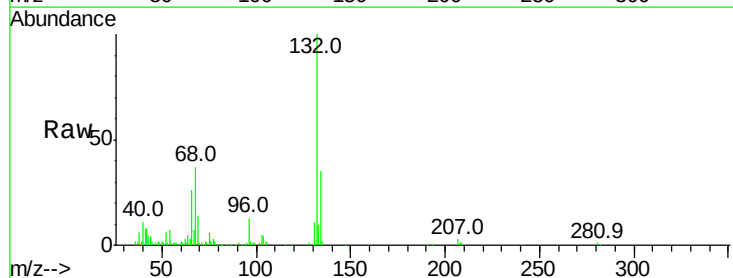
Delta R.T. -0.01 min

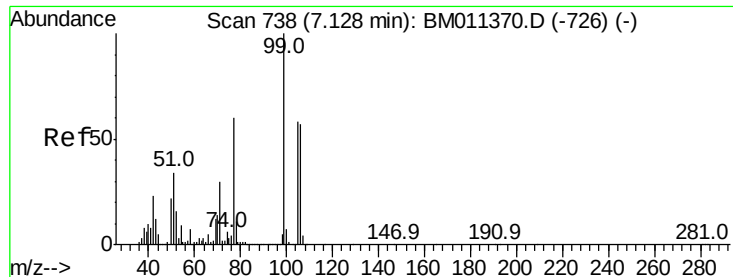
Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion: 128 Resp: 1659

Ion	Ratio	Lower	Upper
128	100		
130	51.1	12.0	52.0
64	720.6	24.9	64.9#





#9

Benzaldehyde

Concen: 0.345 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

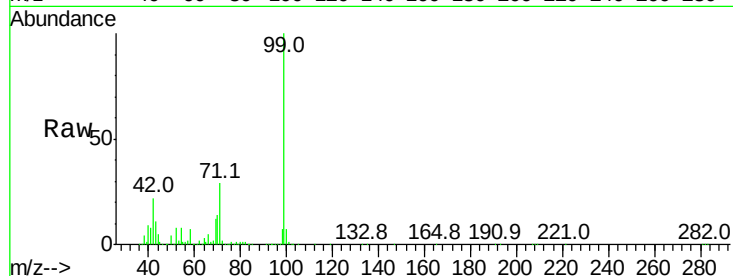
Tot Ion: 77 Resp: 9108

Ion Ratio Lower Upper

77 100

105 7.1 78.8 118.8#

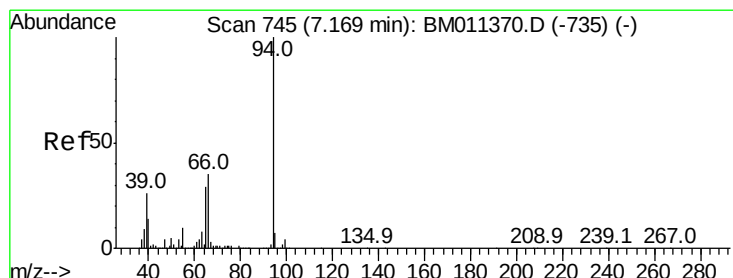
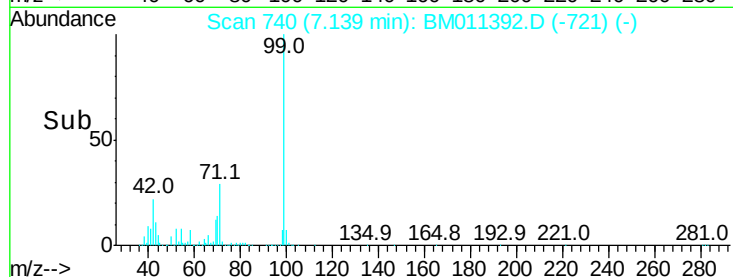
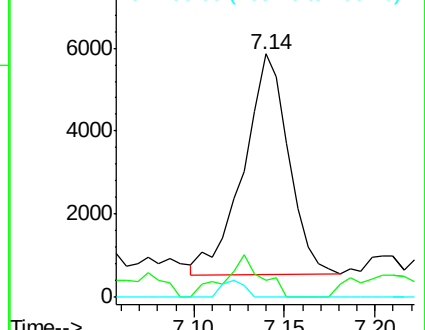
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM011370.D (-726) (-)

Ion 105.00 (104.70 to 105.70): BM011370.D (-726) (-)

Ion 106.00 (105.70 to 106.70): BM011370.D (-726) (-)



#10

Phenol

Concen: 0.066 ng

RT: 7.17 min Scan# 745

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

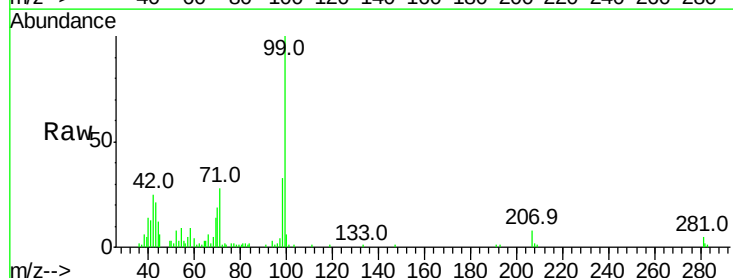
Tgt Ion: 94 Resp: 3289

Ion Ratio Lower Upper

94 100

65 107.3 18.8 58.8#

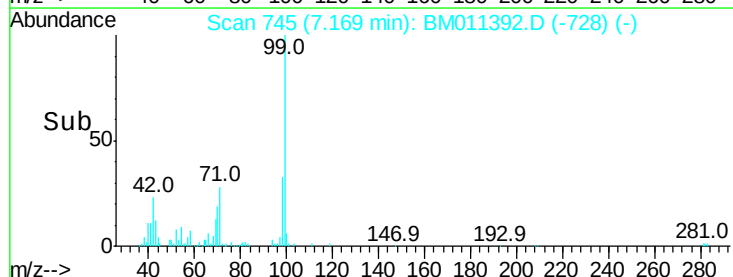
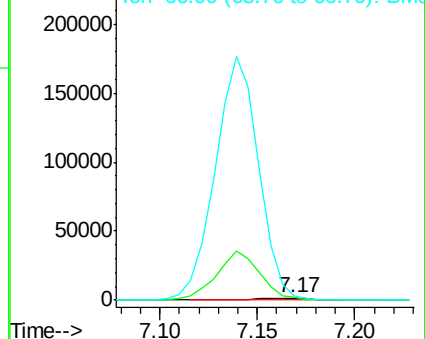
66 187.4 39.9 79.9#

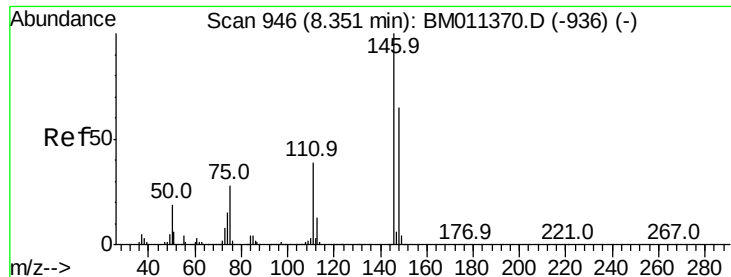


Abundance Ion 94.00 (93.70 to 94.70): BM011370.D (-735) (-)

Ion 65.00 (64.70 to 65.70): BM011370.D (-735) (-)

Ion 66.00 (65.70 to 66.70): BM011370.D (-735) (-)

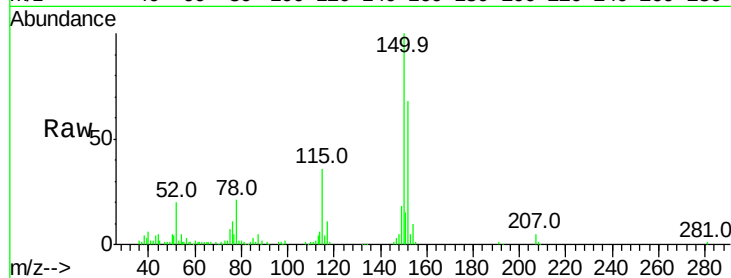




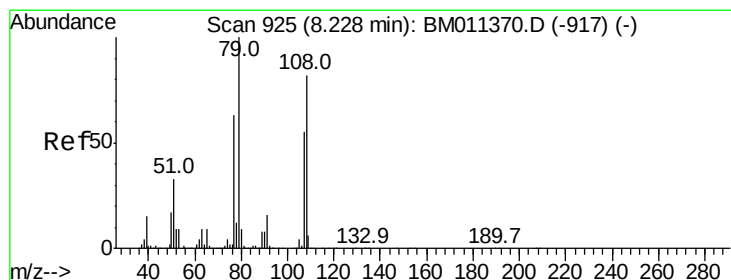
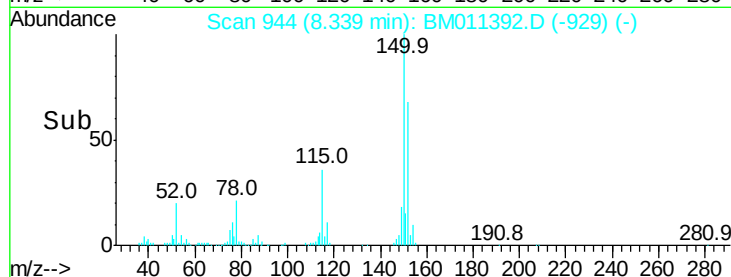
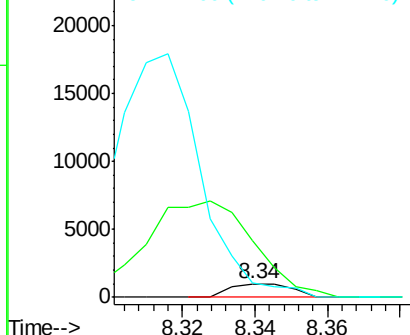
#14
 1,2-Dichlorobenzene
 Concen: 0.027 ng
 RT: 8.34 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 1167
 Ion Ratio Lower Upper
 146 100
 148 431.3 52.3 78.5#
 111 108.0 30.6 45.8#

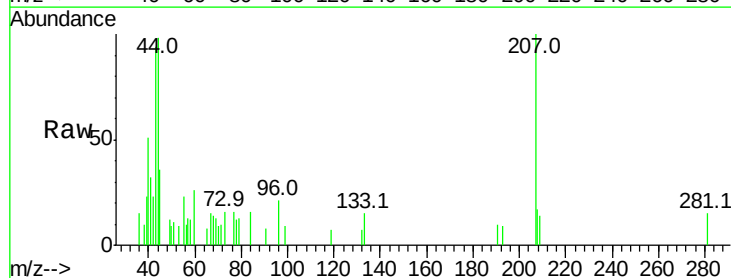


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

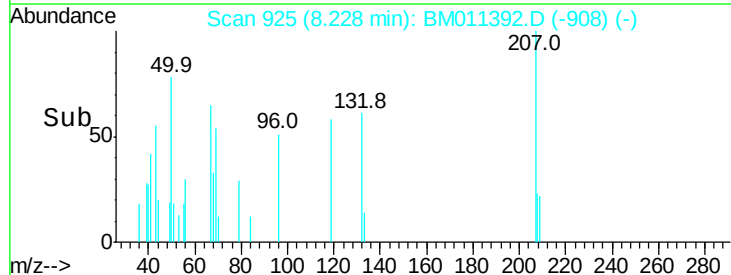
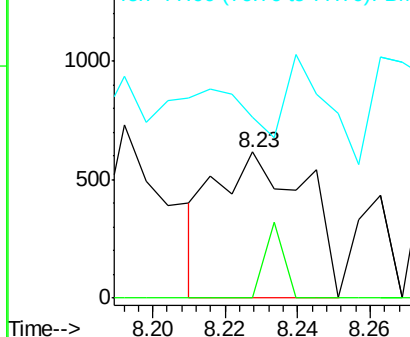


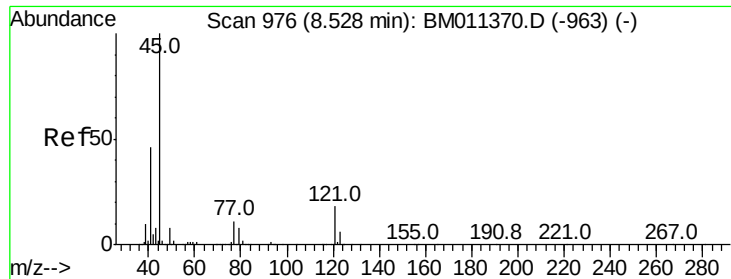
#15
 Benzyl Alcohol
 Concen: 0.033 ng
 RT: 8.23 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion: 79 Resp: 1070
 Ion Ratio Lower Upper
 79 100
 108 0.0 65.0 97.4#
 77 123.7 53.0 79.6#



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

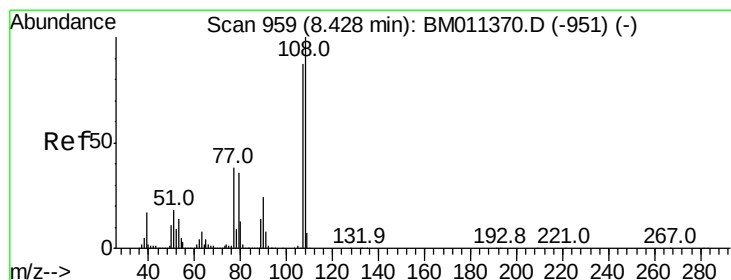
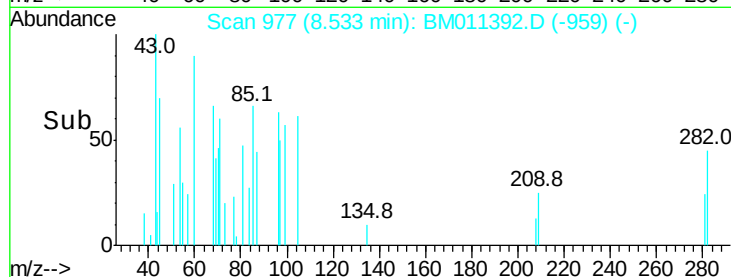
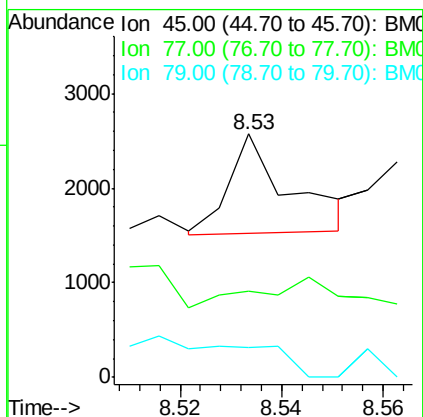
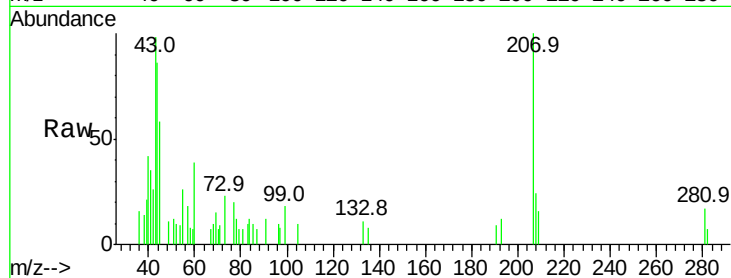




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.013 ng
 RT: 8.53 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

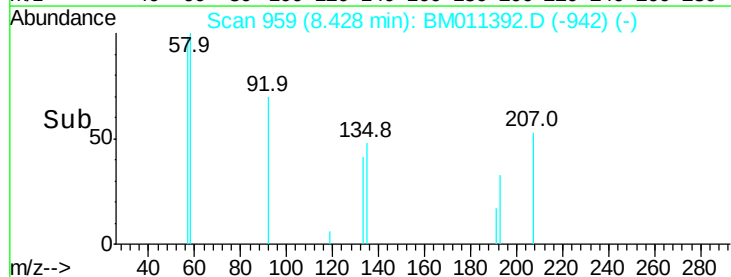
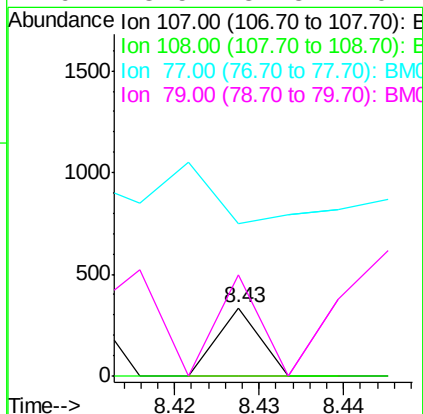
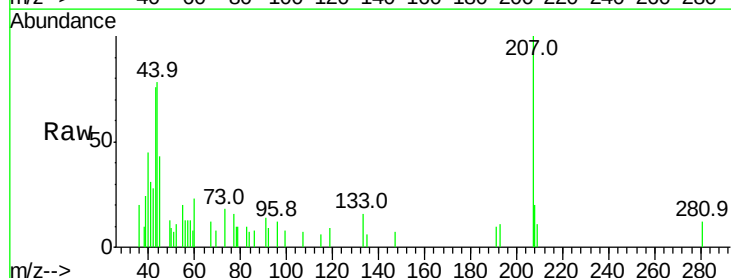
Instrument :
 BNA_M
 ClientSampleID :

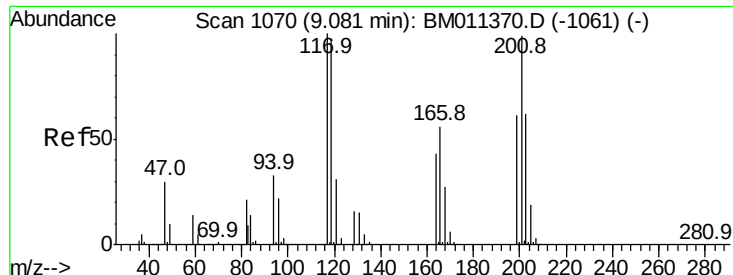
Tot Ion	45	Resp	880
Ion Ratio	100		
Lower		0.0	35.2
Upper		32.0	



#17
 2-Methylphenol
 Concen: 0.004 ng
 RT: 8.43 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion	107	Resp	119
Ion Ratio	100		
Lower		89.8	134.8#
Upper		48.8#	

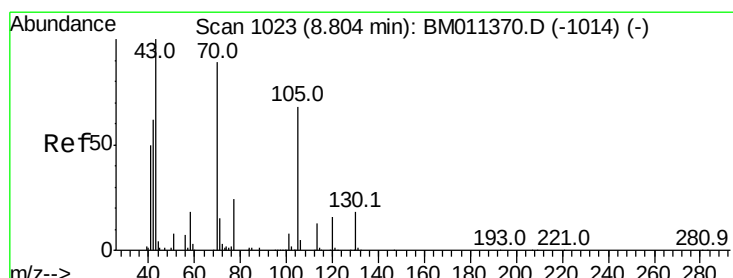
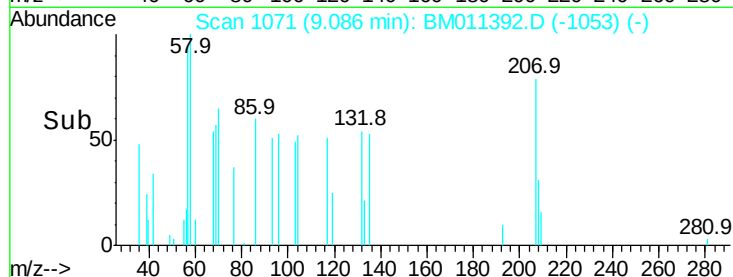
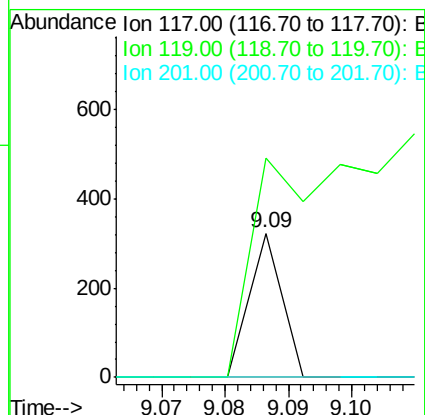
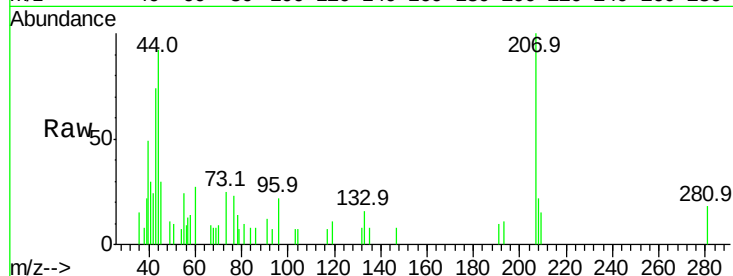




#18
Hexachloroethane
Concen: 0.007 ng
RT: 9.09 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

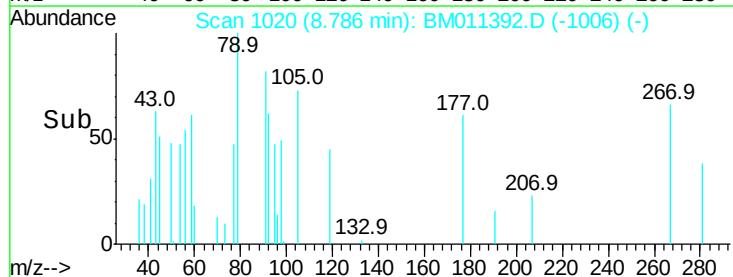
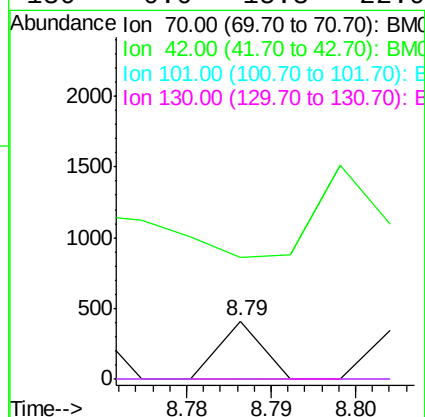
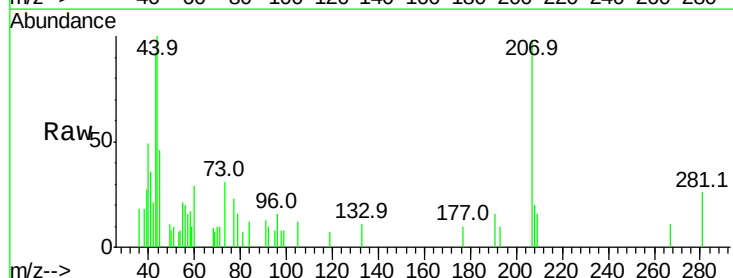
Instrument :
BNA_M
ClientSampled :

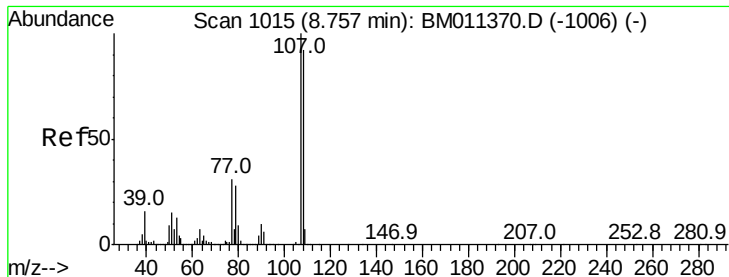
Tot Ion:117 Resp: 114
Ion Ratio Lower Upper
117 100
119 152.0 79.2 118.8#
201 0.0 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 0.004 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion: 70 Resp: 145
Ion Ratio Lower Upper
70 100
42 209.7 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: 8.74 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 129

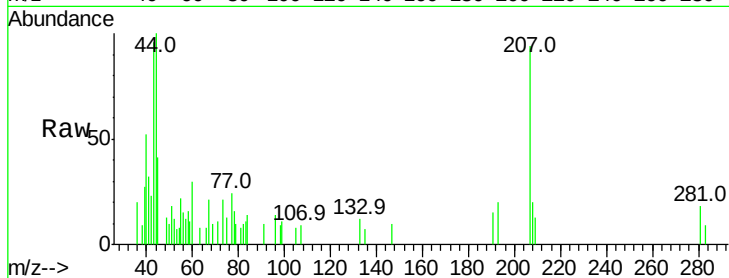
Ion Ratio Lower Upper

107 100

108 0.0 73.2 113.2#

77 267.5 10.7 50.7#

79 108.5 9.6 49.6#

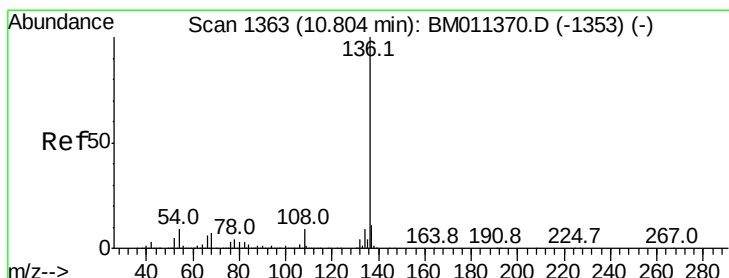
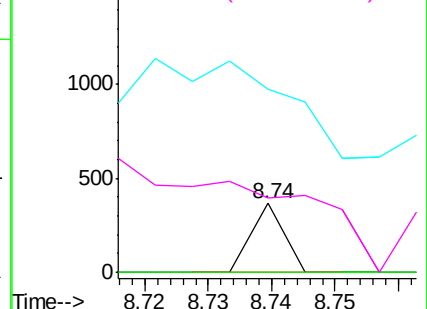
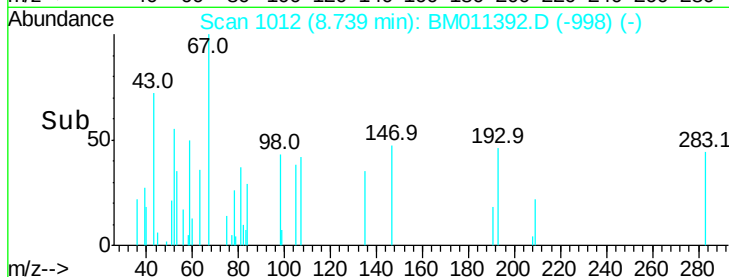


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:136 Resp: 2321453

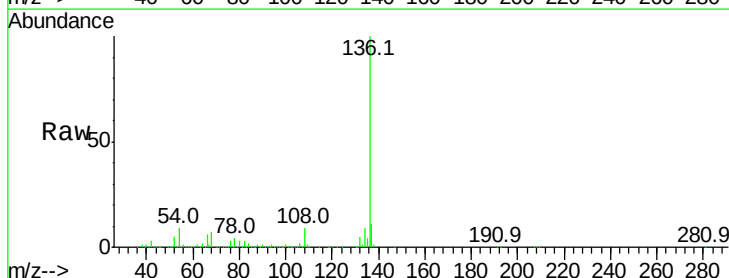
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 4.6 6.8#

68 7.2 3.7 5.5#

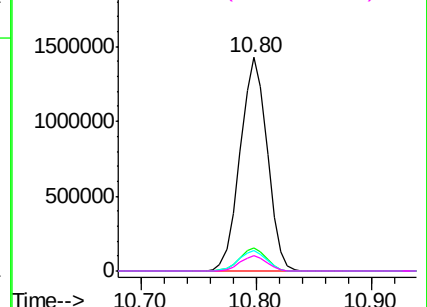
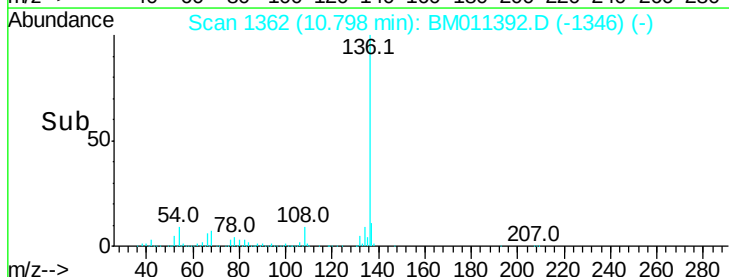


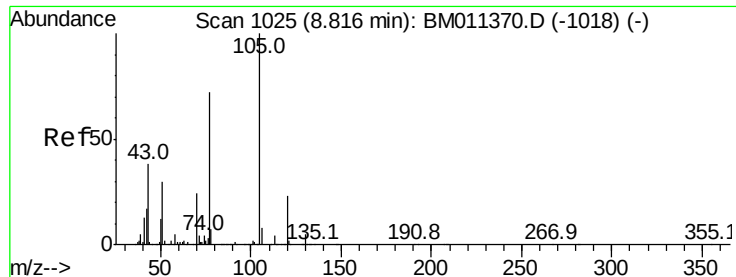
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.114 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 6585

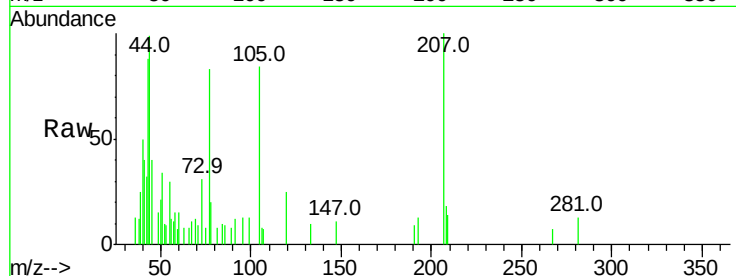
Ion Ratio Lower Upper

105 100

71 10.6 0.6 1.0#

51 40.3 21.6 32.4#

120 30.0 16.1 24.1#

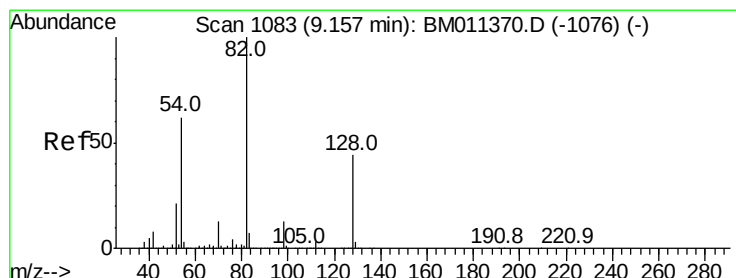
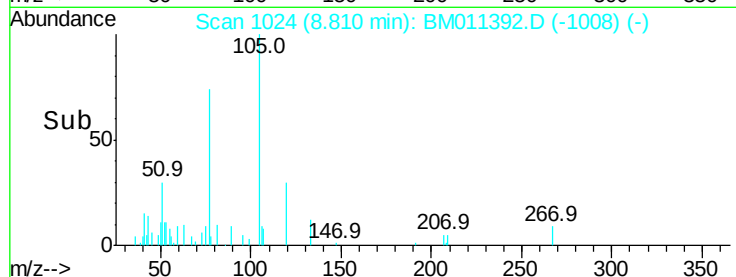
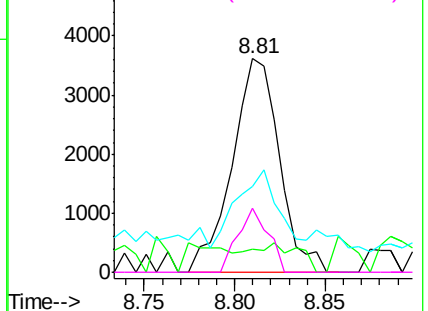


Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.659 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

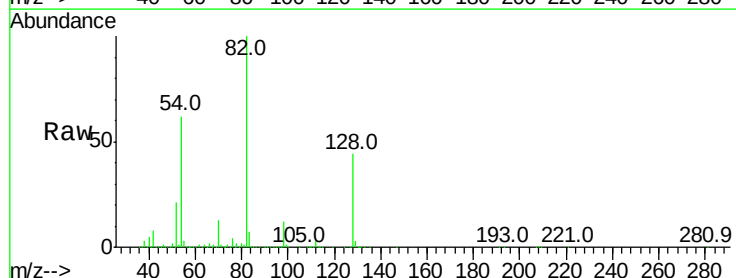
Tgt Ion: 82 Resp: 3510782

Ion Ratio Lower Upper

82 100

128 43.5 32.8 49.2

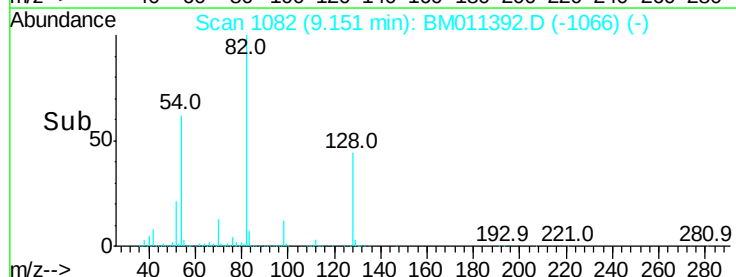
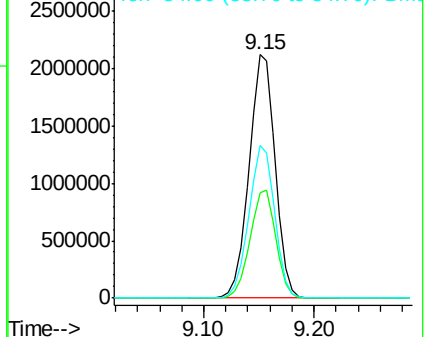
54 62.5 40.6 60.8#

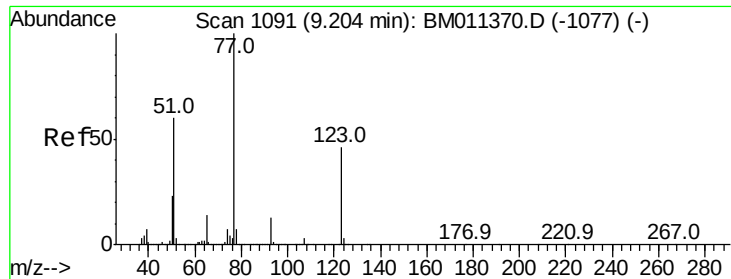


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

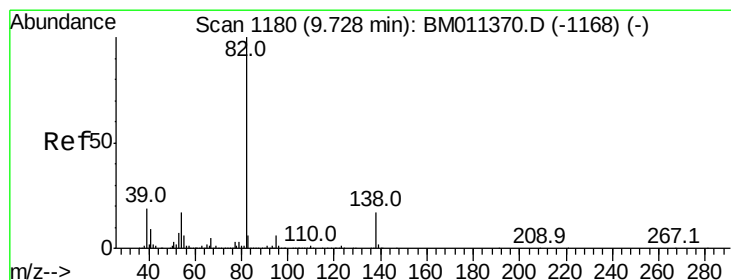
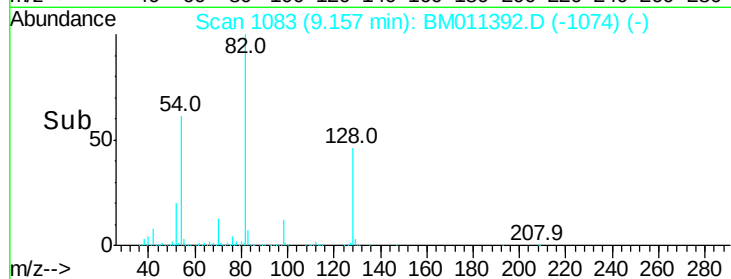
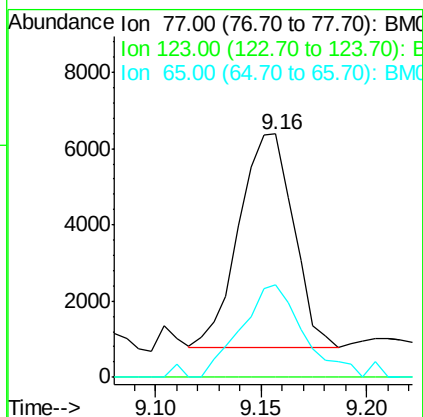
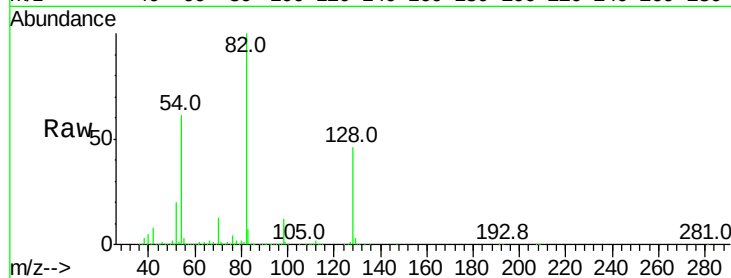




#24
Nitrobenzene
Concen: 0.259 ng
RT: 9.16 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

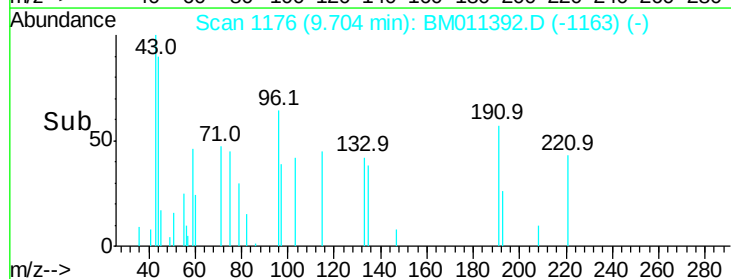
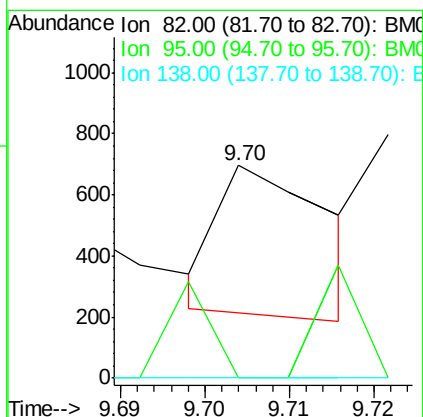
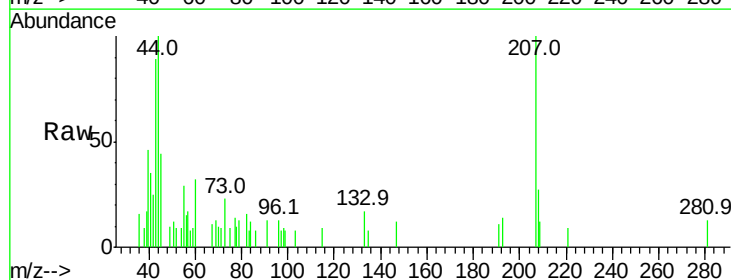
Instrument :
BNA_M
ClientSampled :

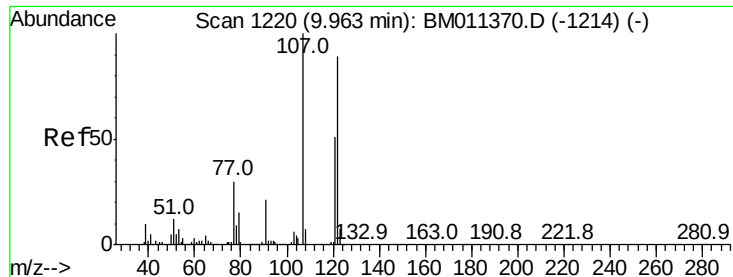
Tot Ion: 77 Resp: 10048
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 38.2 10.9 16.3#



#25
Isophorone
Concen: 0.005 ng
RT: 9.70 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion: 82 Resp: 430
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.3 24.5#

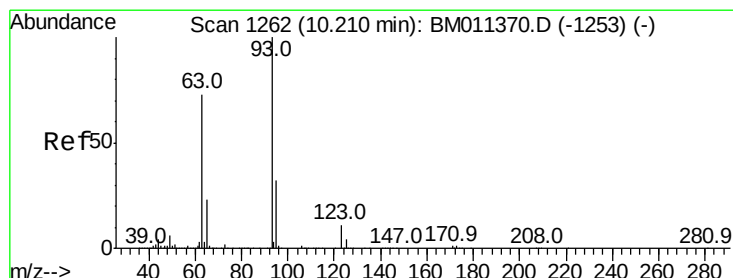
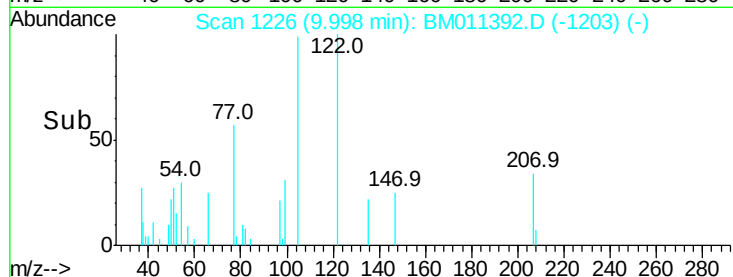
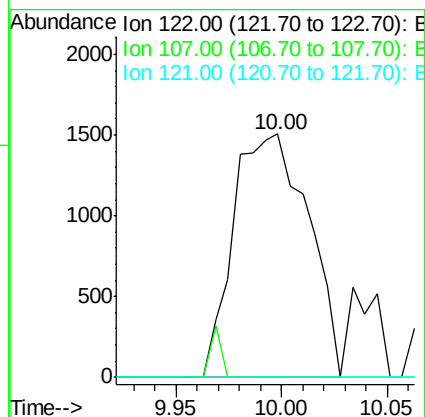
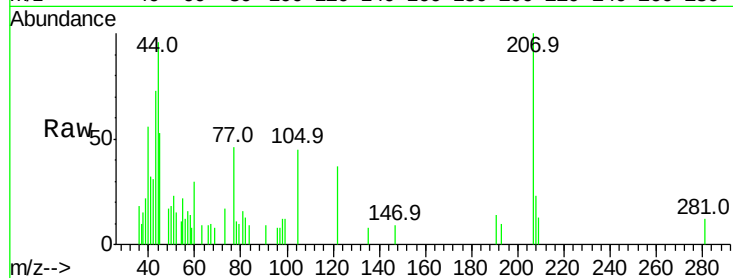




#27
2,4-Dimethylphenol
Concen: 0.100 ng
RT: 10.00 min Scan# 1226
Delta R.T. 0.04 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

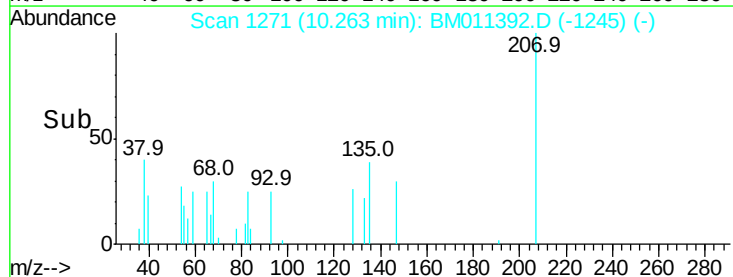
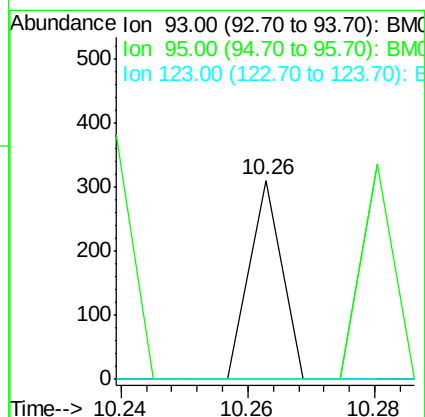
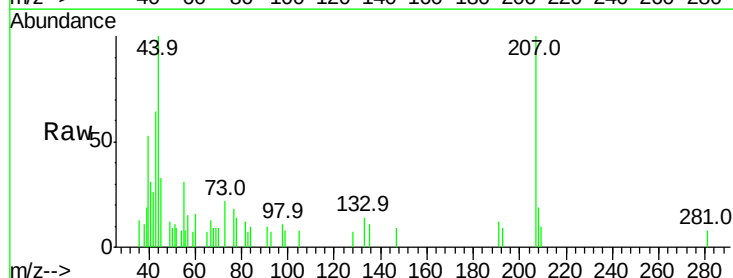
Instrument :
BNA_M
ClientSampleId :

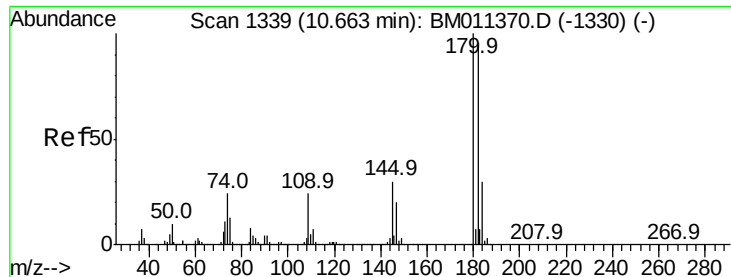
Tot Ion:122 Resp: 3698
Ion Ratio Lower Upper
122 100
107 0.0 84.7 127.1#
121 0.0 46.6 69.8#



#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.26 min Scan# 1271
Delta R.T. 0.05 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion: 93 Resp: 109
Ion Ratio Lower Upper
93 100
95 0.0 25.5 38.3#
123 0.0 8.6 13.0#

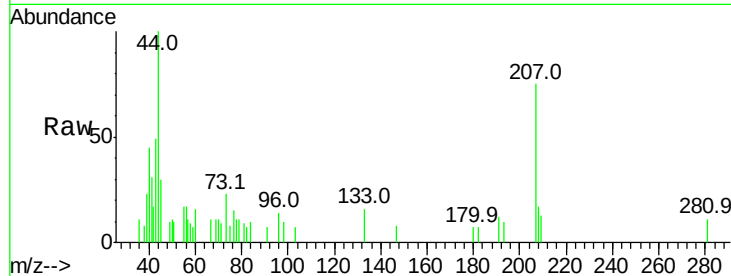




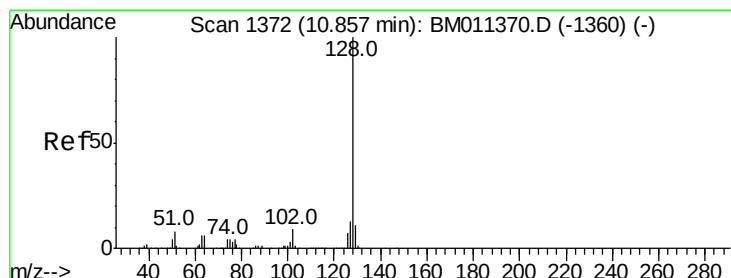
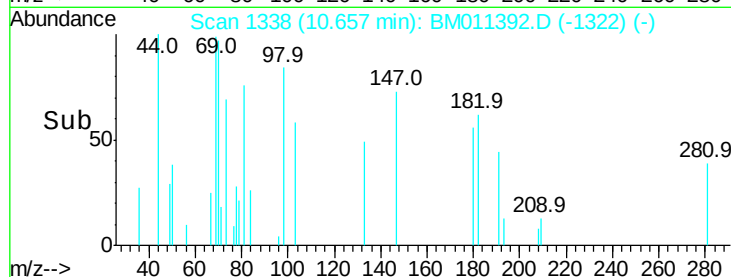
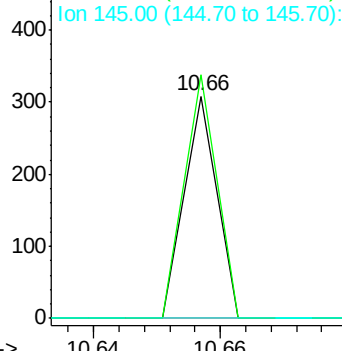
#30
 1,2,4-Trichlorobenzene
 Concen: 0.003 ng
 RT: 10.66 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:180 Resp: 109
 Ion Ratio Lower Upper
 180 100
 182 109.7 77.6 116.4
 145 0.0 23.4 35.2#

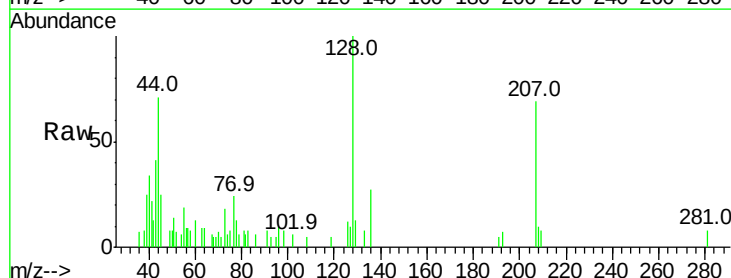


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

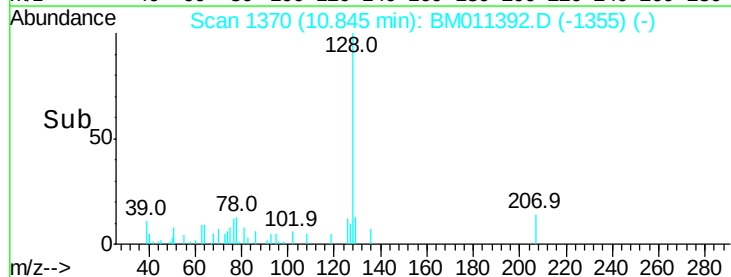
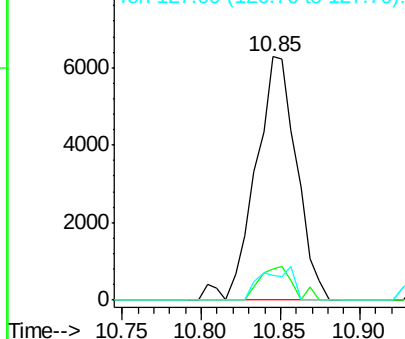


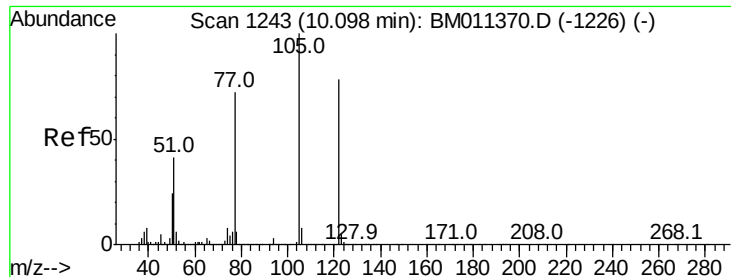
#31
 Naphthalene
 Concen: 0.090 ng
 RT: 10.85 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion:128 Resp: 11307
 Ion Ratio Lower Upper
 128 100
 129 12.6 8.9 13.3
 127 10.3 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

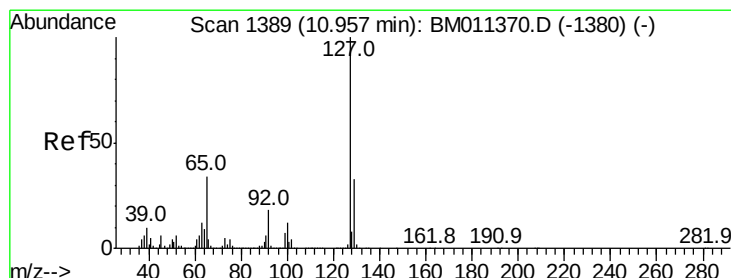
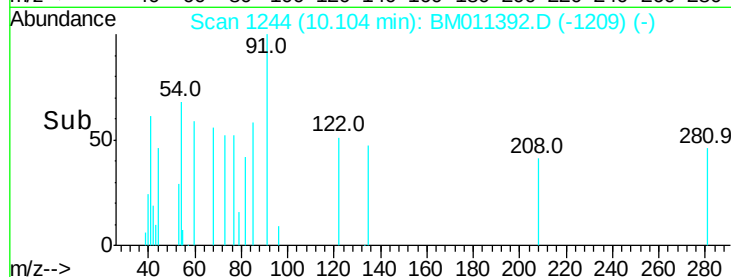
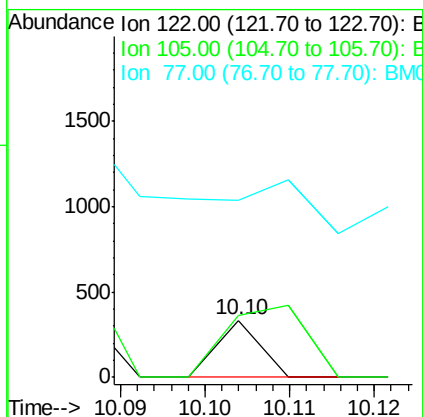
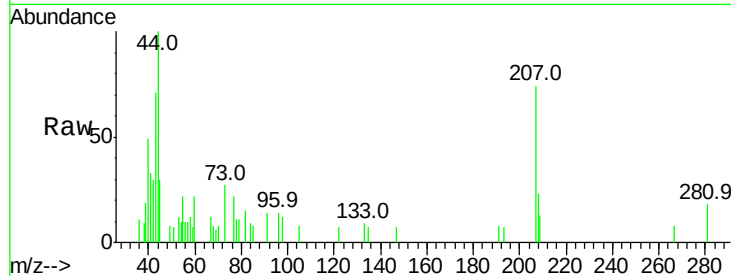




#32
Benzoic acid
Concen: 6.544 ng
RT: 10.10 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

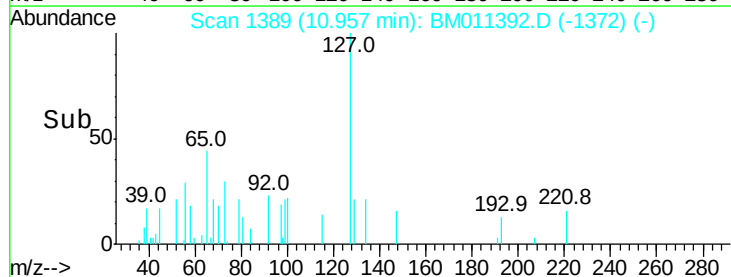
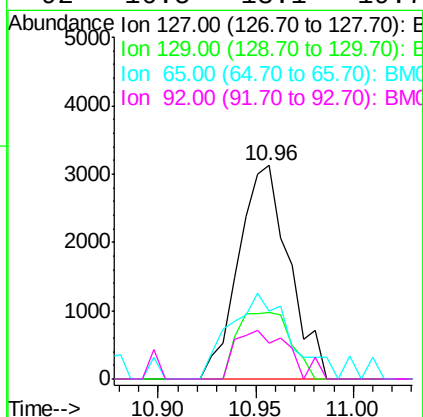
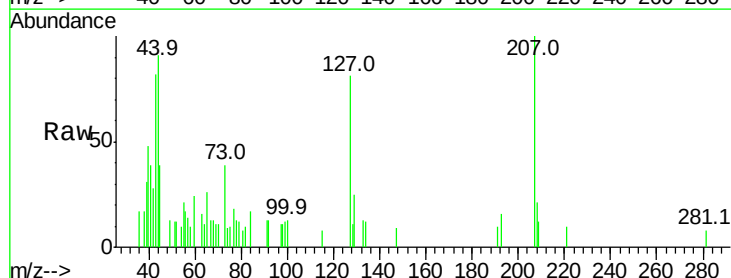
Instrument :
BNA_M
ClientSampleId :

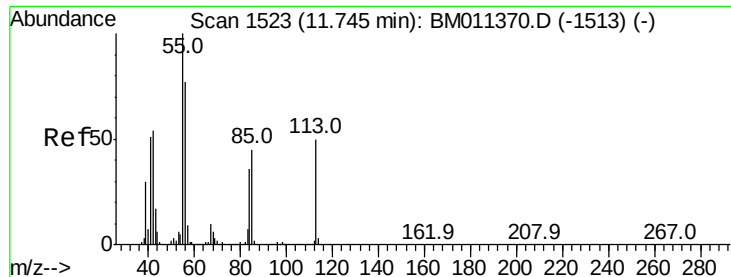
Tot Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 108.1 99.9 139.9
77 309.9 73.7 113.7#



#33
4-Chloroaniline
Concen: 0.102 ng
RT: 10.96 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:127 Resp: 5601
Ion Ratio Lower Upper
127 100
129 31.3 25.3 37.9
65 32.0 17.6 26.4#
92 16.5 13.1 19.7





#35

Caprolactam

Concen: 0.066 ng

RT: 11.75 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

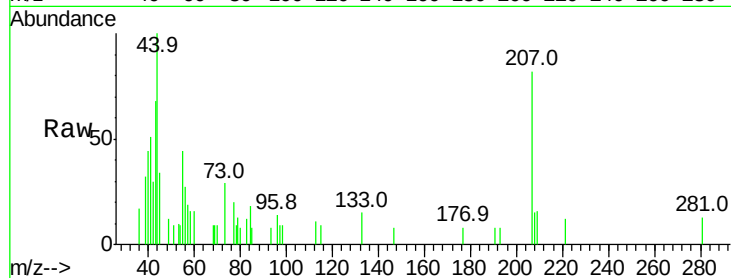
Tot Ion:113 Resp: 818

Ion Ratio Lower Upper

113 100

55 397.9 145.9 185.9#

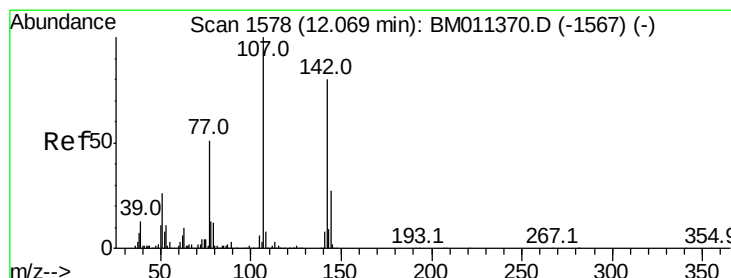
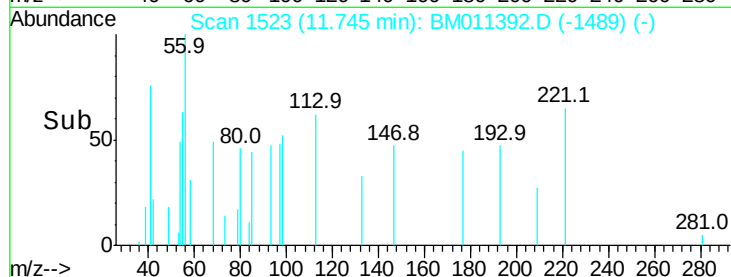
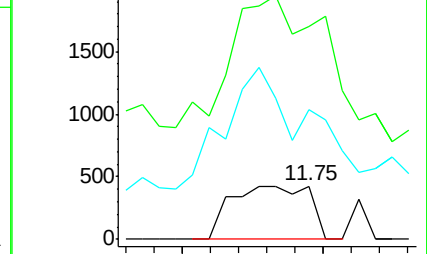
56 241.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 0.003 ng

RT: 11.91 min Scan# 1551

Delta R.T. -0.16 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

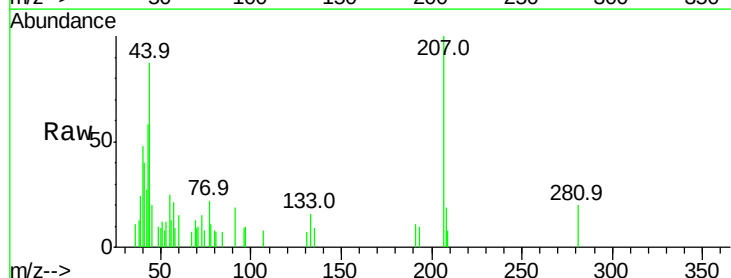
Tgt Ion:107 Resp: 118

Ion Ratio Lower Upper

107 100

144 0.0 23.3 34.9#

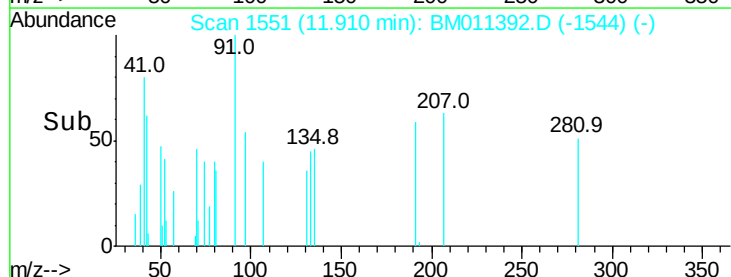
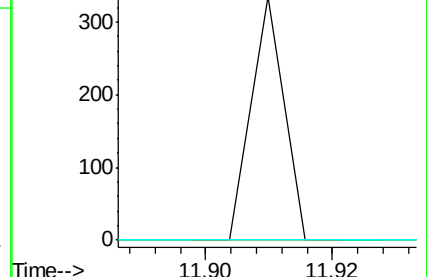
142 0.0 72.6 109.0#

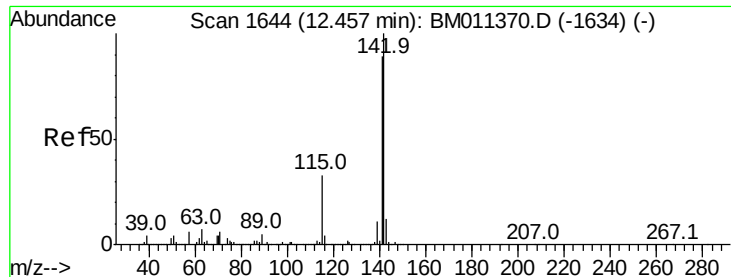


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

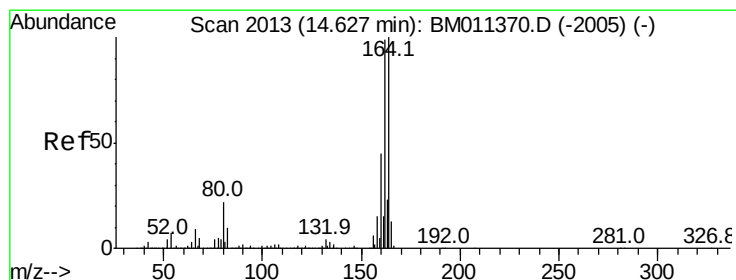
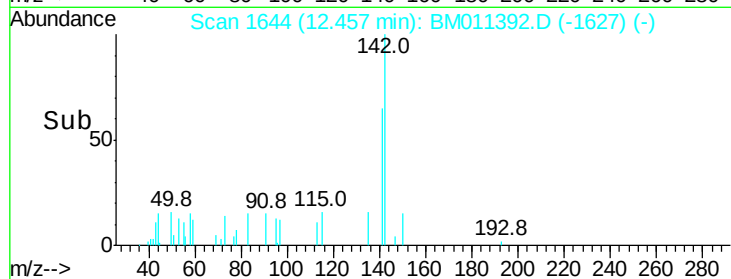
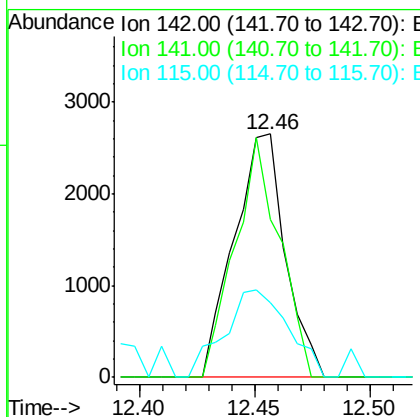
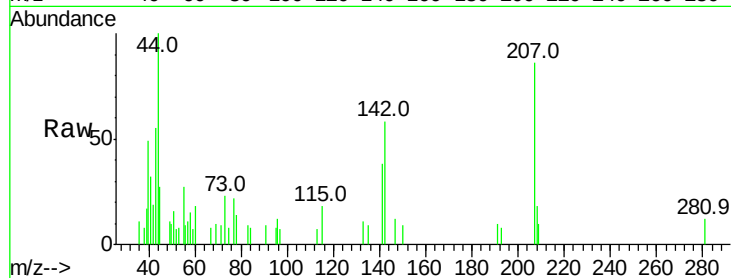




#37
2-Methylnaphthalene
Concen: 0.047 ng
RT: 12.46 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

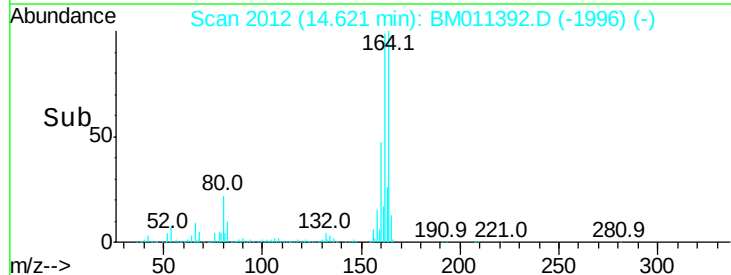
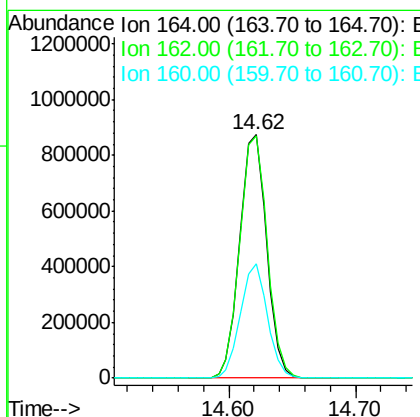
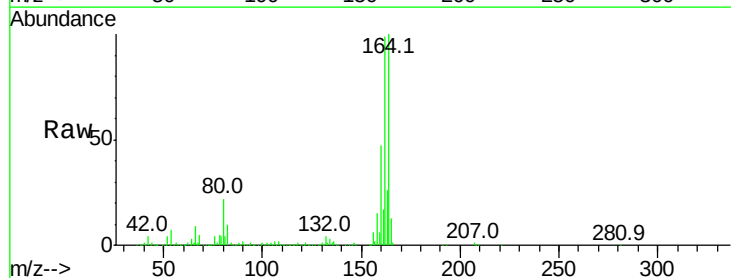
Instrument :
BNA_M
ClientSampleId :

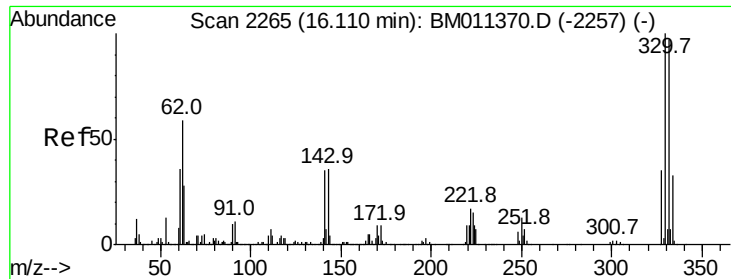
Tot Ion:142 Resp: 4098
Ion Ratio Lower Upper
142 100
141 65.0 71.9 107.9#
115 30.7 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:164 Resp: 1291175
Ion Ratio Lower Upper
164 100
162 99.3 82.4 123.6
160 46.8 35.8 53.6



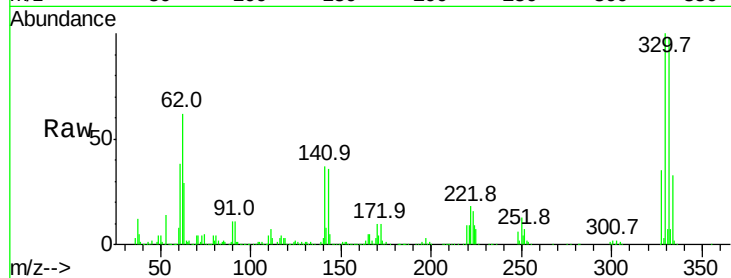


#41
 2,4,6-Tribromophenol
 Concen: 148.136 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

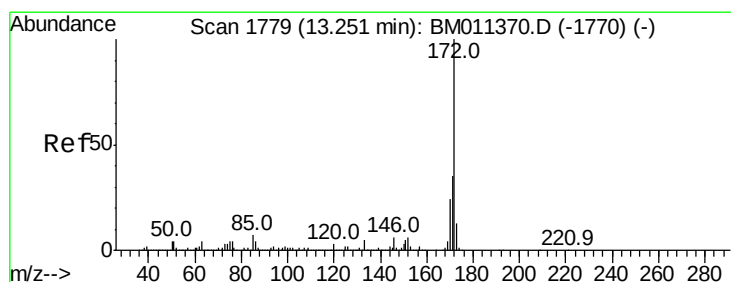
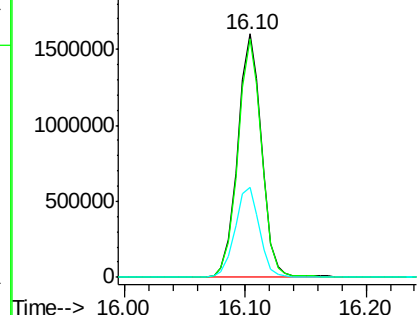
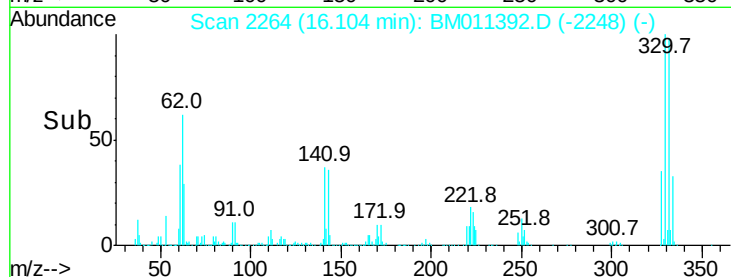
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 2212914

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.8	0.0	0.0#



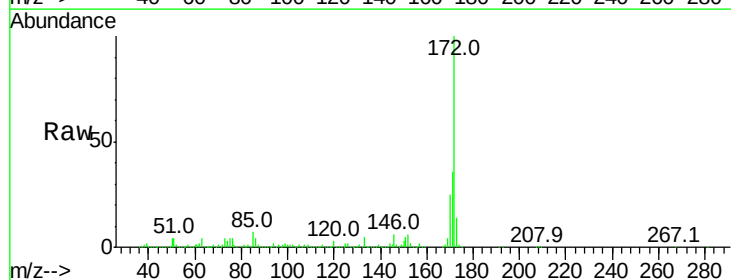
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



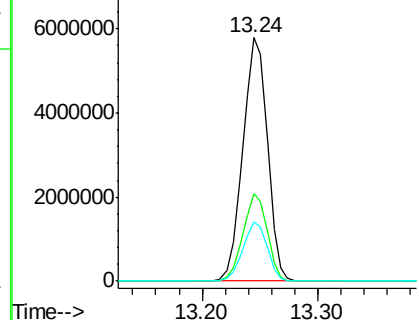
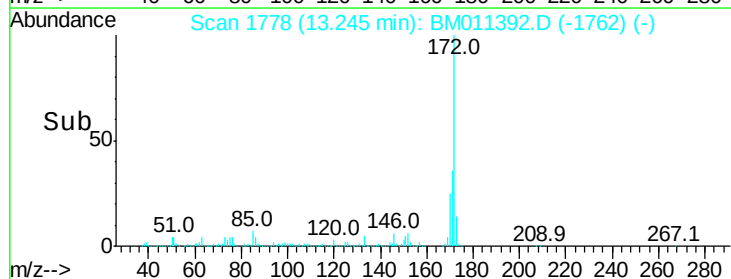
#44
 2-Fluorobiphenyl
 Concen: 95.136 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

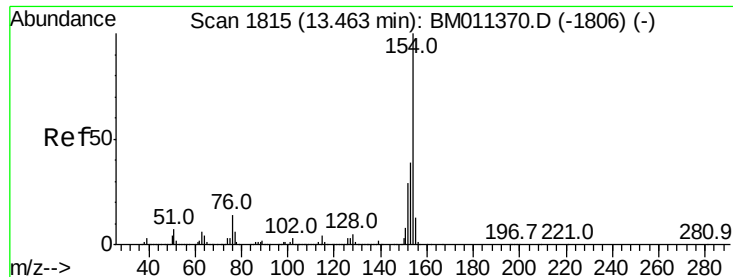
Tgt Ion:172 Resp: 8521632

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.5	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: 0.104 ng

RT: 13.45 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

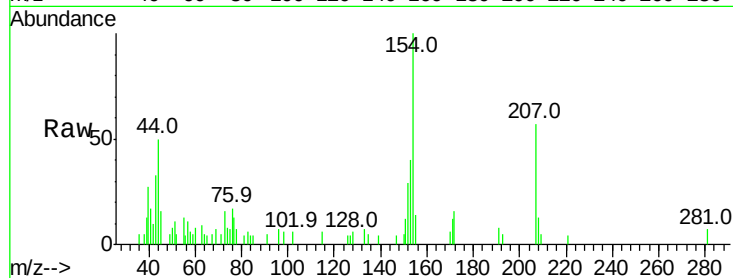
Tot Ion:154 Resp: 11970

Ion Ratio Lower Upper

154 100

153 40.0 20.7 60.7

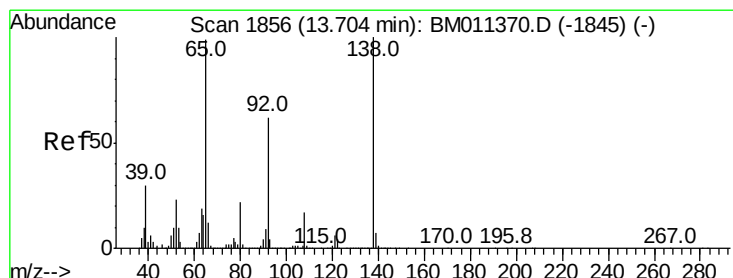
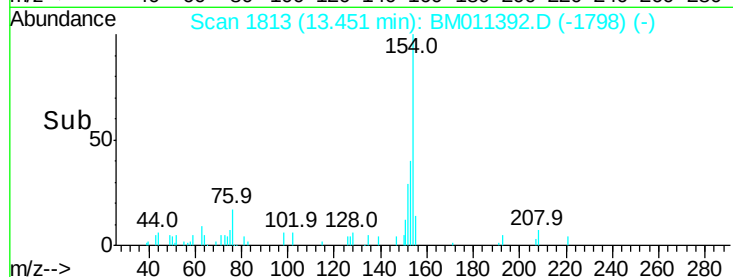
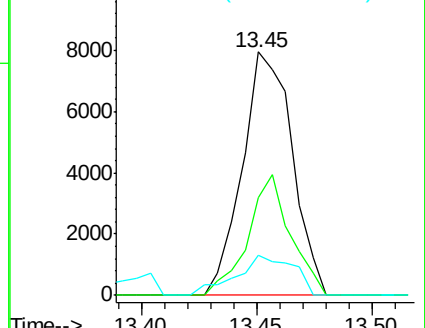
76 16.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#47

2-Nitroaniline

Concen: 5.442 ng

RT: 13.71 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

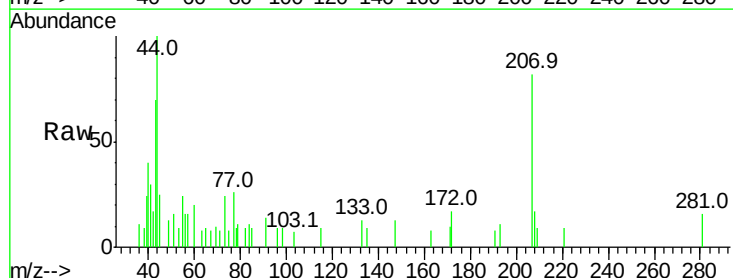
Tgt Ion: 65 Resp: 131

Ion Ratio Lower Upper

65 100

92 0.0 59.1 88.7#

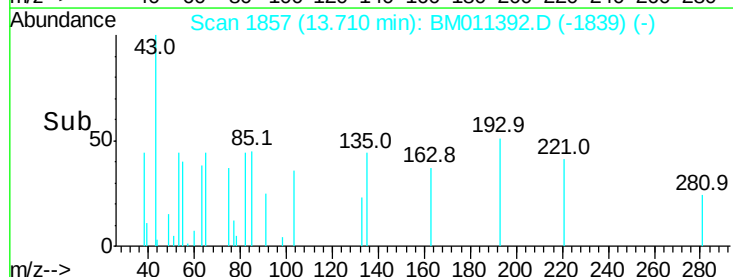
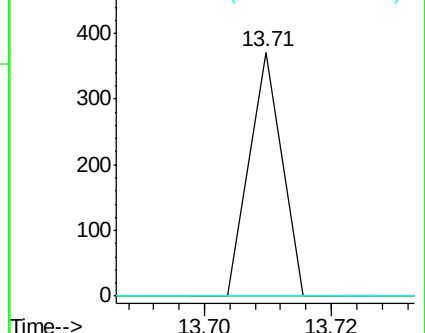
138 0.0 93.9 140.9#

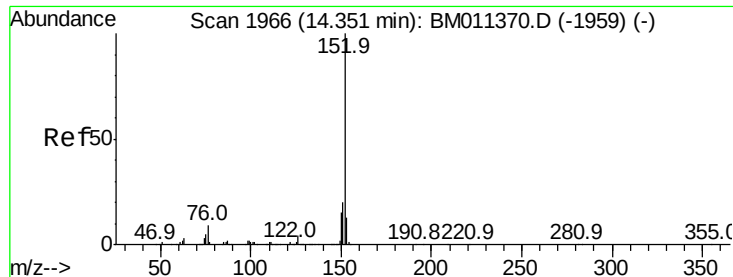


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.009 ng

RT: 14.34 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampled :

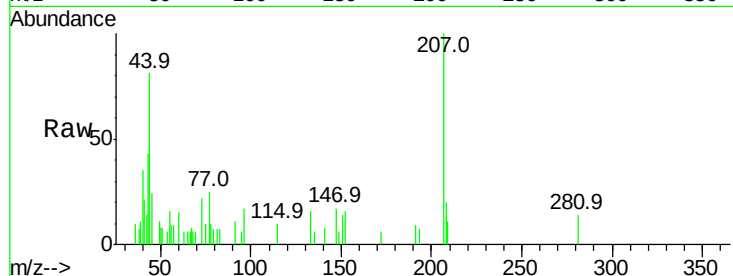
Tot Ion:152 Resp: 1235

Ion Ratio Lower Upper

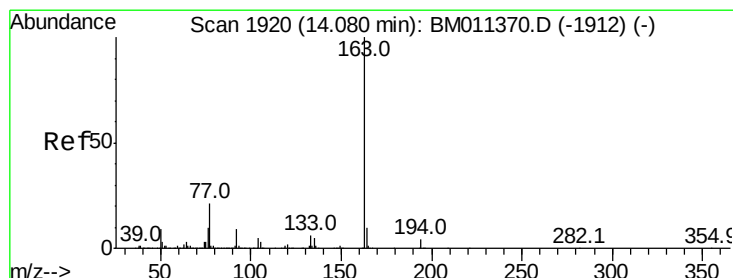
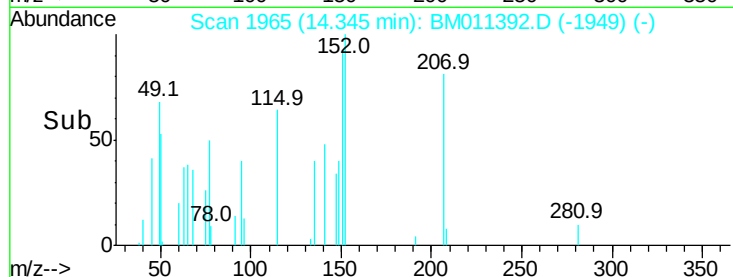
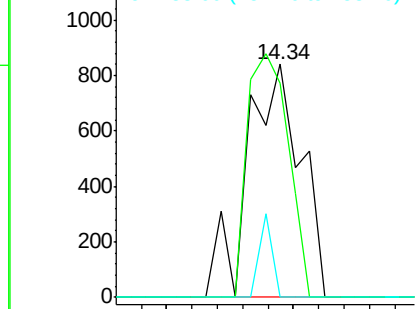
152 100

151 92.0 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



#49

Dimethylphthalate

Concen: 0.005 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

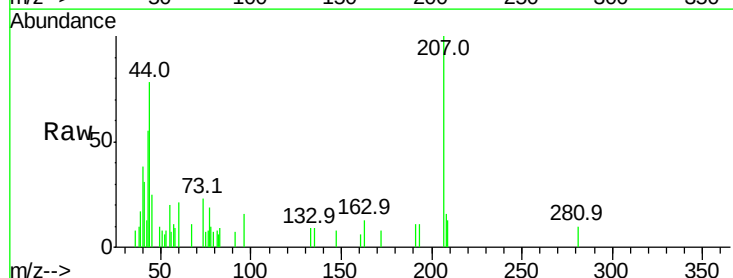
Tgt Ion:163 Resp: 494

Ion Ratio Lower Upper

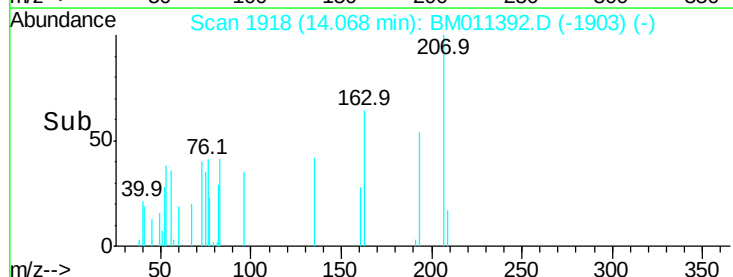
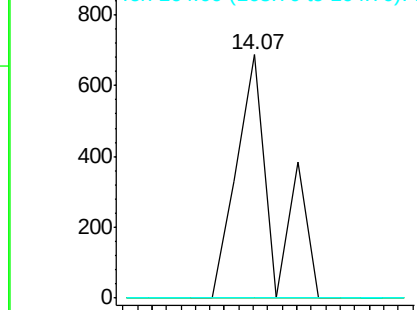
163 100

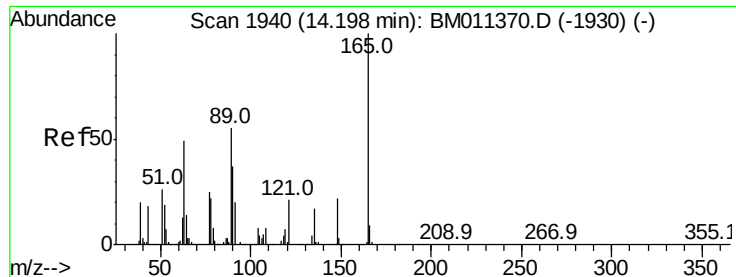
194 0.0 2.7 4.1#

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

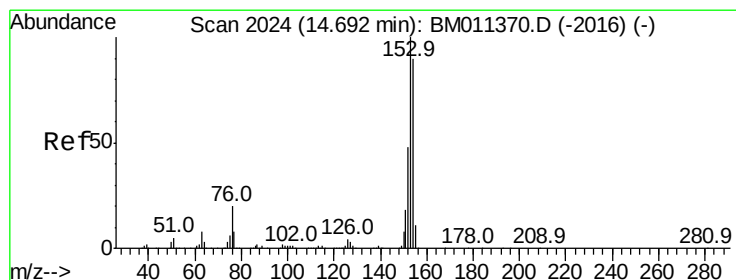
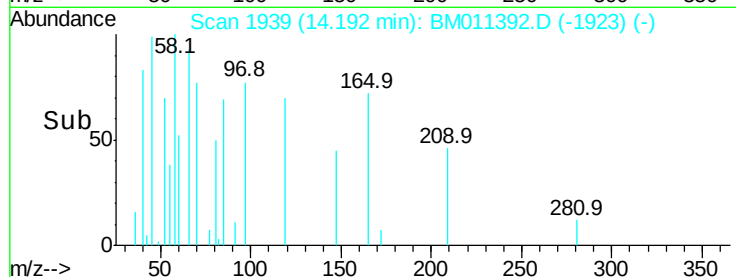
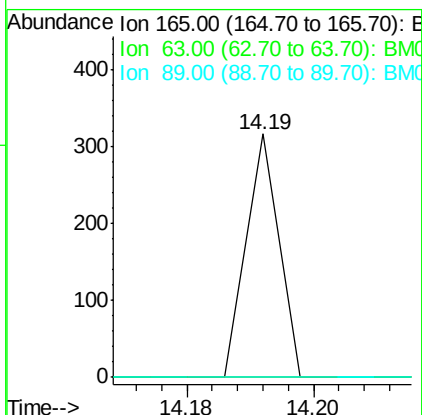
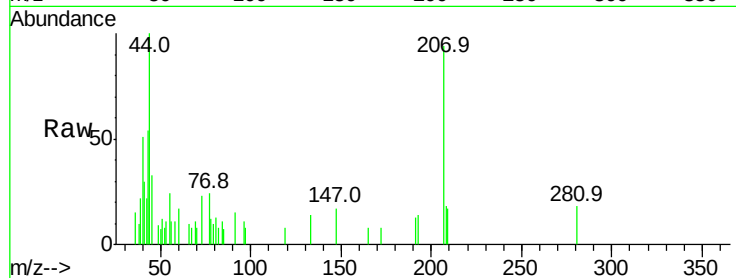




#50
2,6-Dinitrotoluene
Concen: 0.006 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

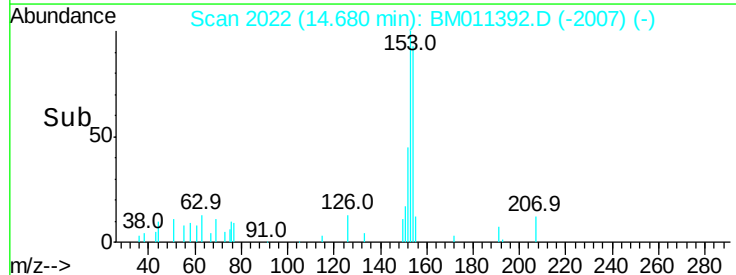
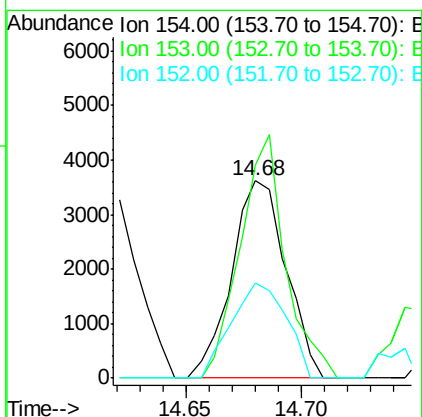
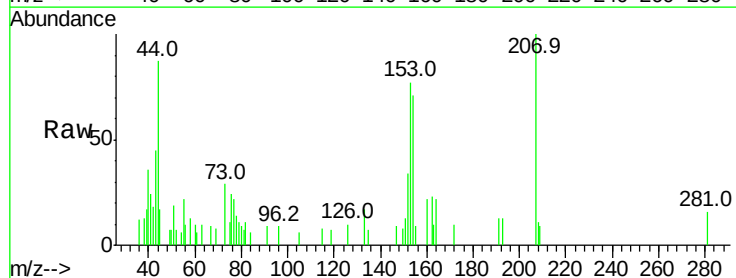
Instrument :
BNA_M
ClientSampleId :

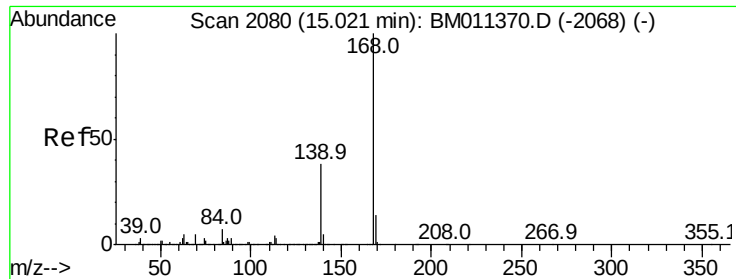
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#51
Acenaphthene
Concen: 0.069 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.9	90.0	135.0
152	48.5	42.6	63.8

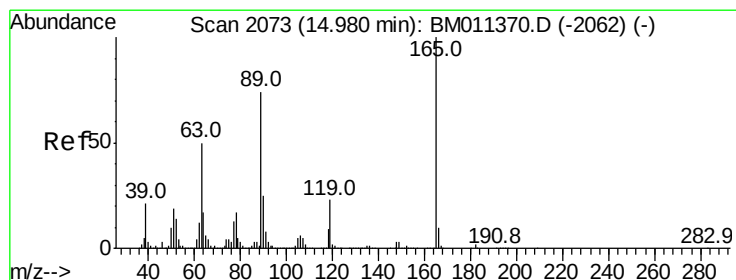
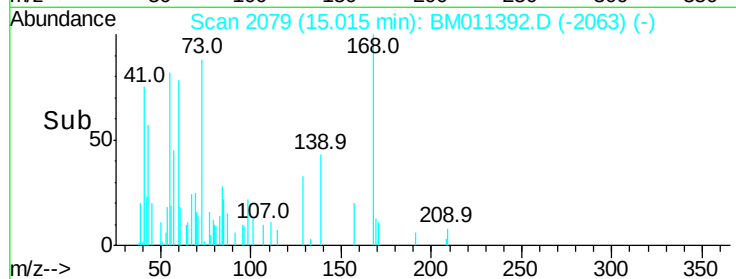
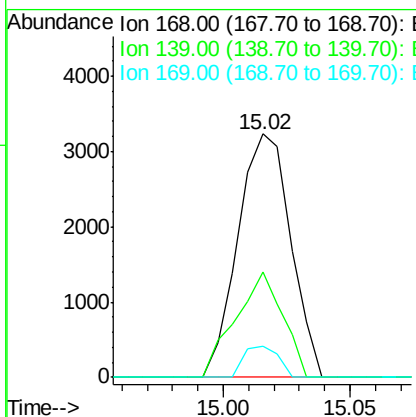
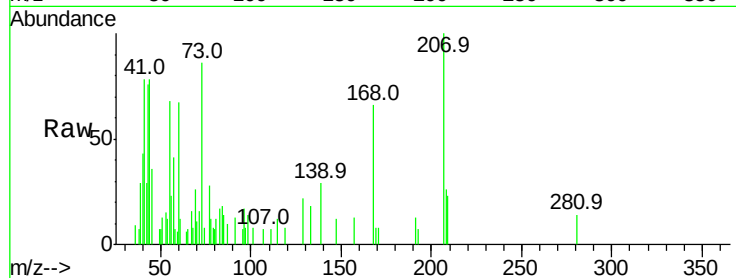




#54
Dibenzofuran
Concen: 0.040 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

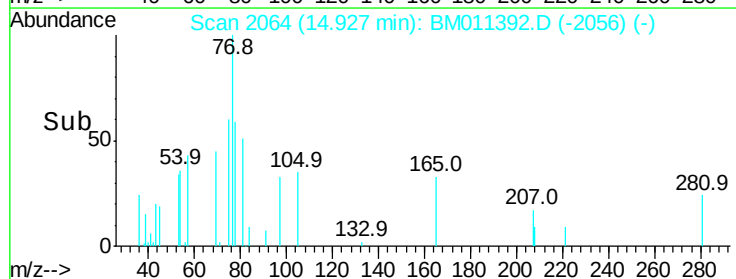
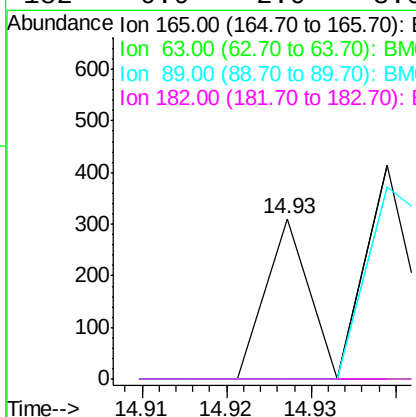
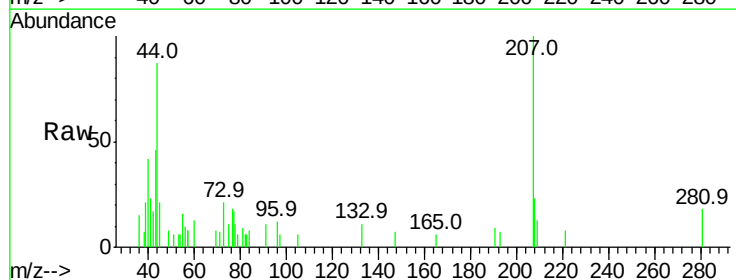
Instrument :
BNA_M
ClientSampleId :

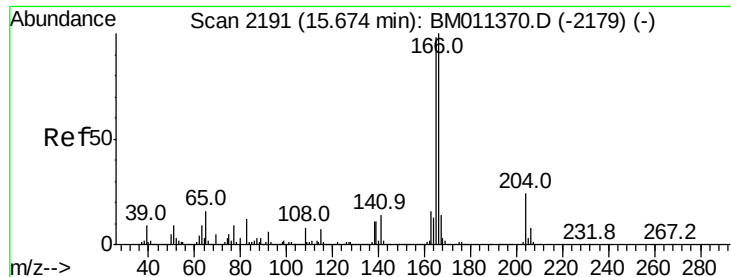
Tot Ion:168 Resp: 4699
Ion Ratio Lower Upper
168 100
139 43.5 27.3 40.9#
169 12.9 10.6 16.0



#56
2,4-Dinitrotoluene
Concen: 5.143 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.05 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:165 Resp: 110
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#

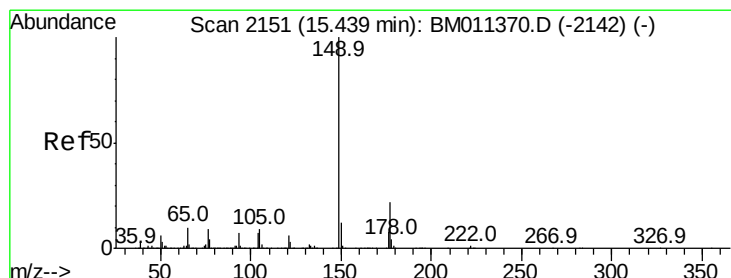
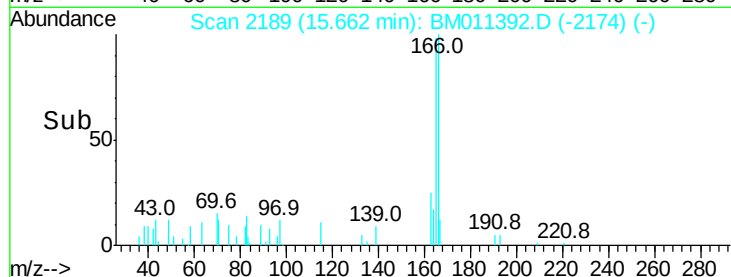
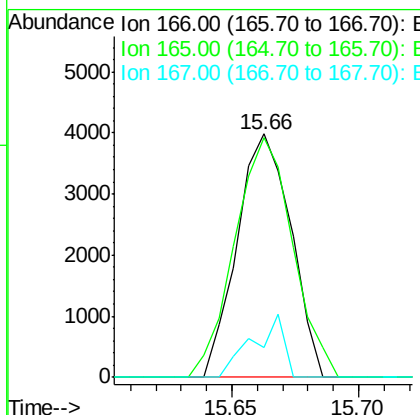
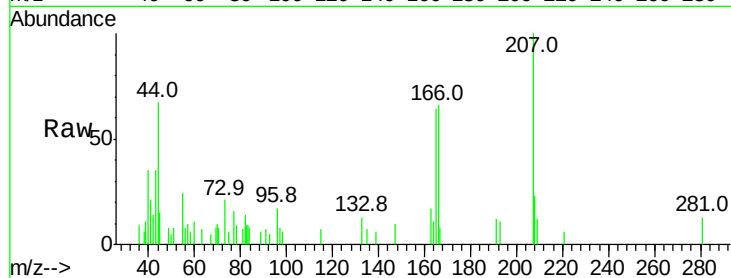




#57
Fluorene
Concen: 0.057 ng
RT: 15.66 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

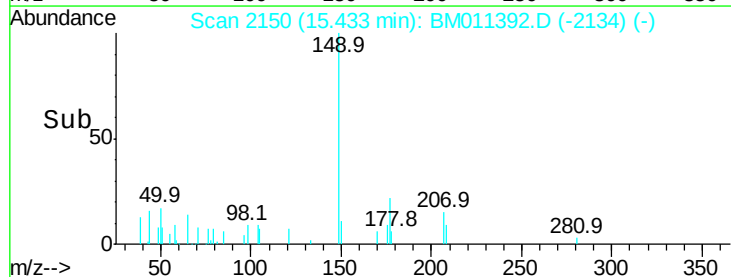
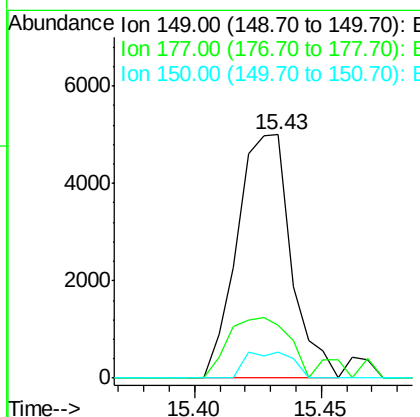
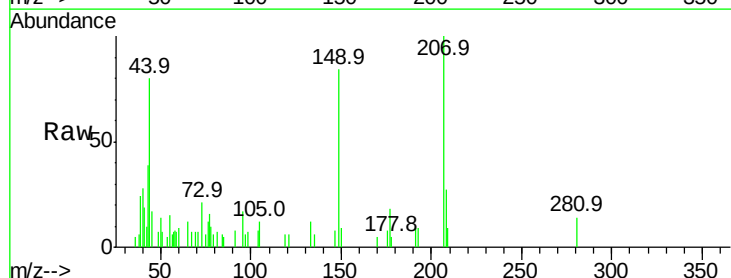
Instrument :
BNA_M
ClientSampled :

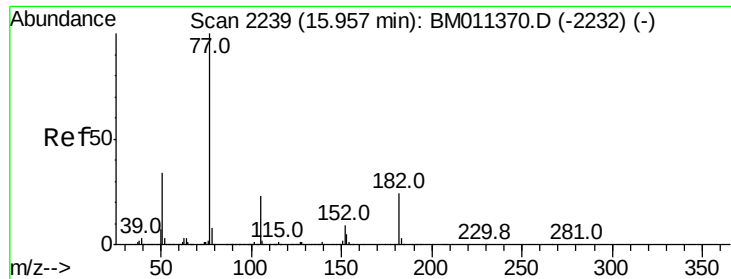
Tot Ion:166 Resp: 5900
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 12.3 10.3 15.5



#59
Diethylphthalate
Concen: 0.070 ng
RT: 15.43 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:149 Resp: 7408
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 10.9 9.8 14.8





#62

Azobenzene

Concen: 0.007 ng

RT: 15.96 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 675

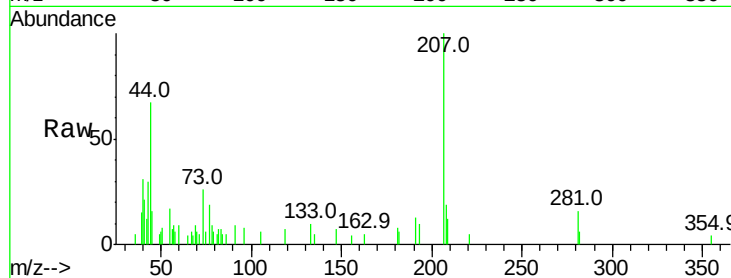
Ion Ratio Lower Upper

77 100

182 30.5 6.5 46.5

105 34.3 3.8 43.8

51 40.6 5.5 45.5

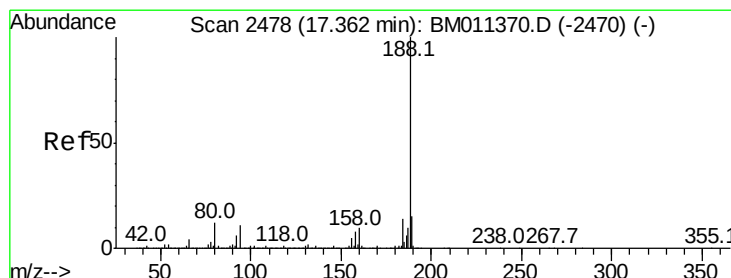
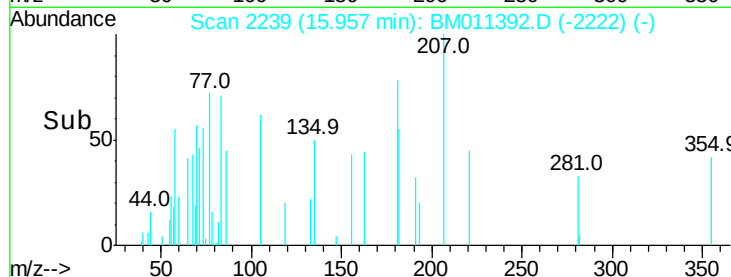
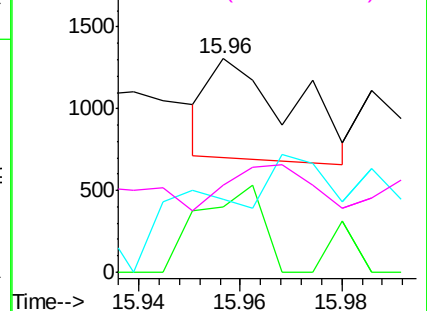


Abundance Ion 77.00 (76.70 to 77.70): BM011392.D (-2222) (-)

Ion 182.00 (181.70 to 182.70): BM011392.D (-2222) (-)

Ion 105.00 (104.70 to 105.70): BM011392.D (-2222) (-)

Ion 51.00 (50.70 to 51.70): BM011392.D (-2222) (-)



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

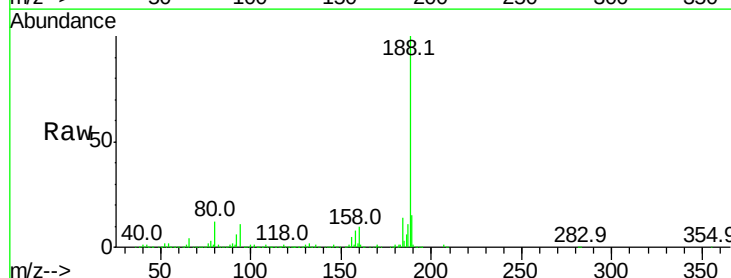
Tgt Ion: 188 Resp: 2898974

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

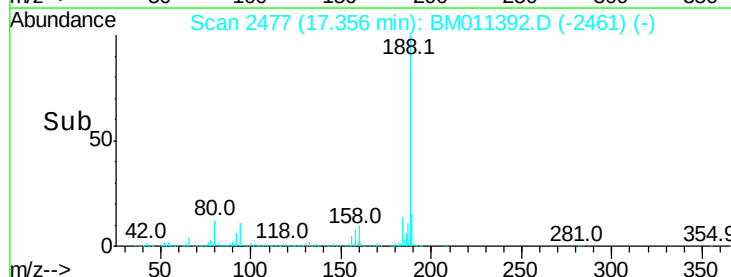
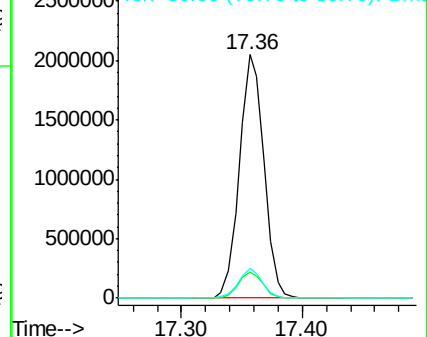
80 12.1 9.3 13.9

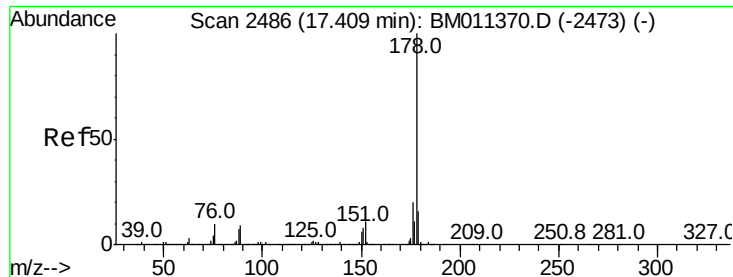


Abundance Ion 188.00 (187.70 to 188.70): BM011392.D (-2461) (-)

Ion 94.00 (93.70 to 94.70): BM011392.D (-2461) (-)

Ion 80.00 (79.70 to 80.70): BM011392.D (-2461) (-)





#70

Phenanthrene

Concen: 0.129 ng

RT: 17.40 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BM011392.D

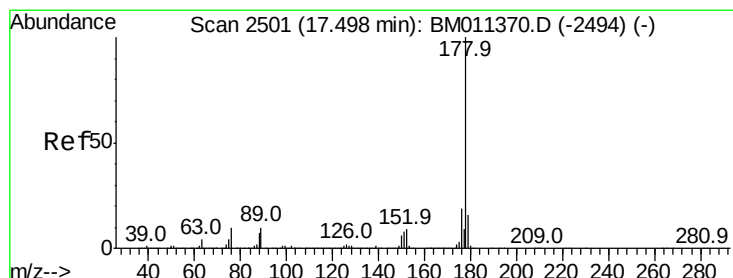
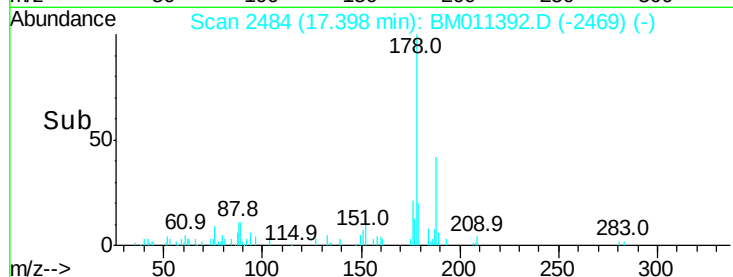
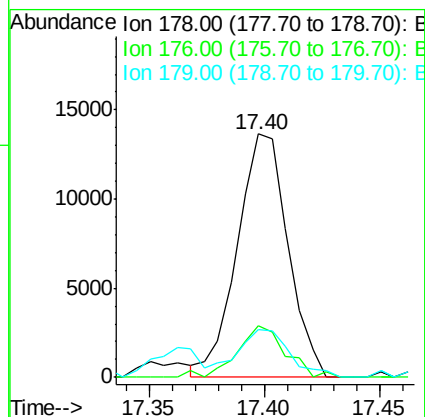
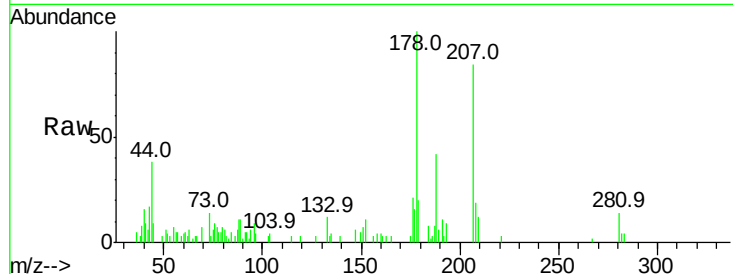
Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:178	Resp:	20907
Ion Ratio	Lower	Upper
178	100	
176	21.3	15.2 22.8
179	19.6	12.1 18.1#



#71

Anthracene

Concen: 0.021 ng

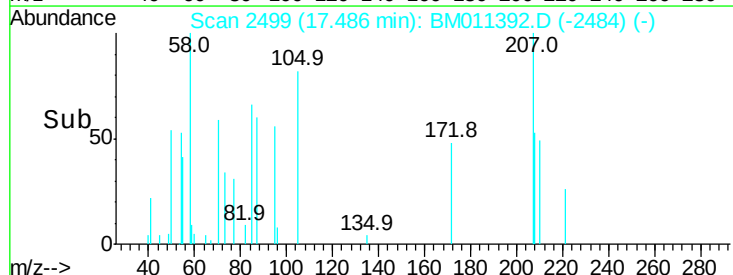
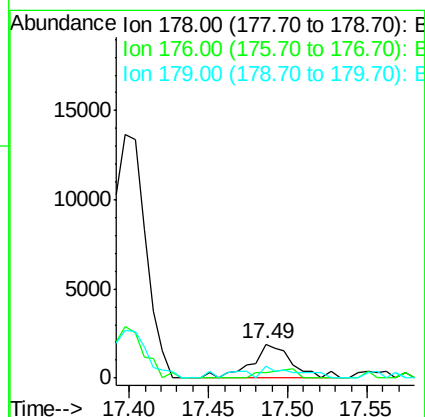
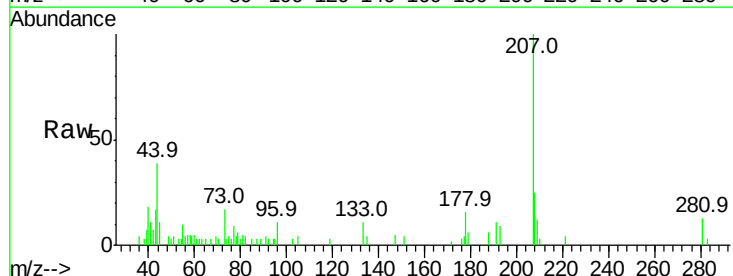
RT: 17.49 min Scan# 2499

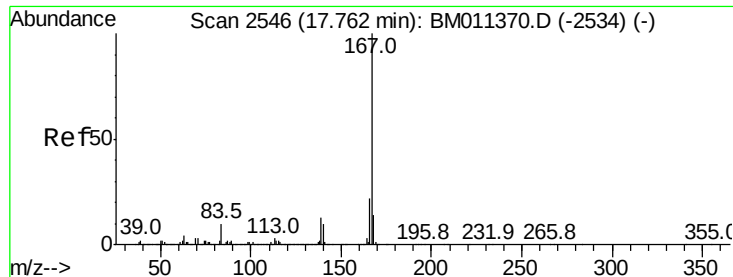
Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:178	Resp:	3385
Ion Ratio	Lower	Upper
178	100	
176	17.0	14.6 22.0
179	35.0	12.6 19.0#

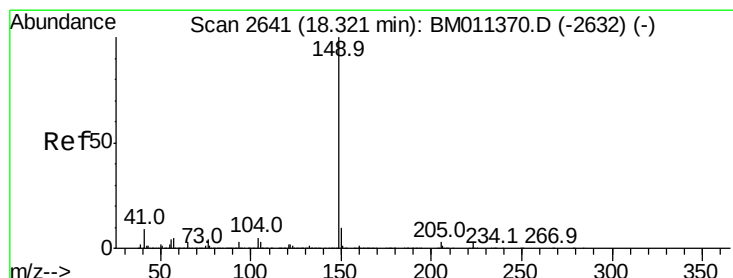
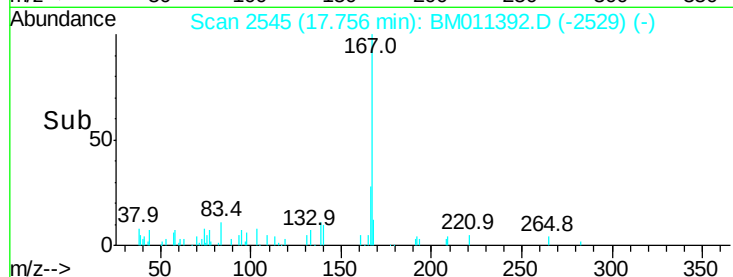
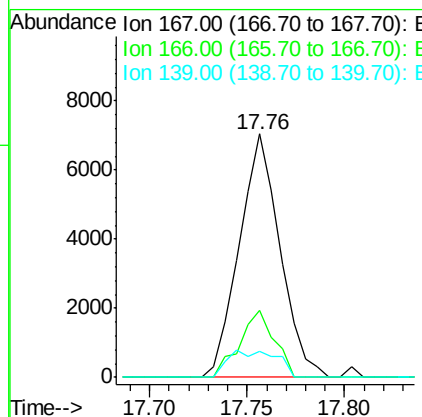
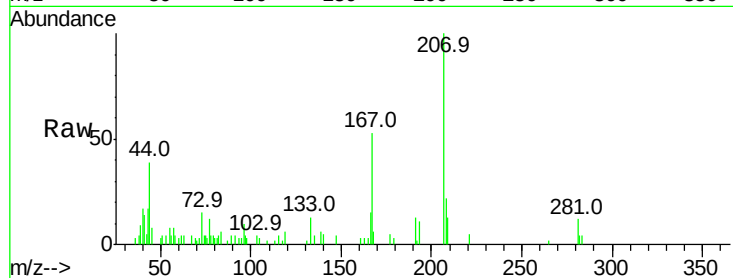




#72
 Carbazole
 Concen: 0.065 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

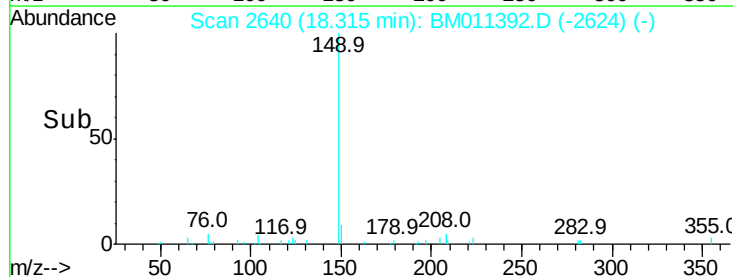
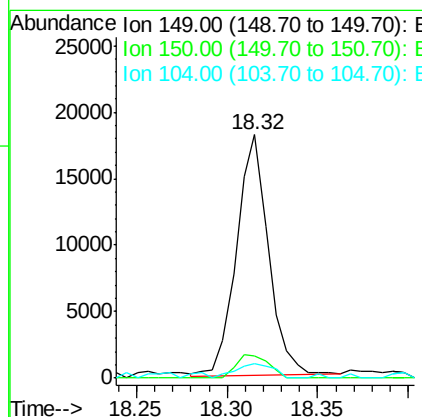
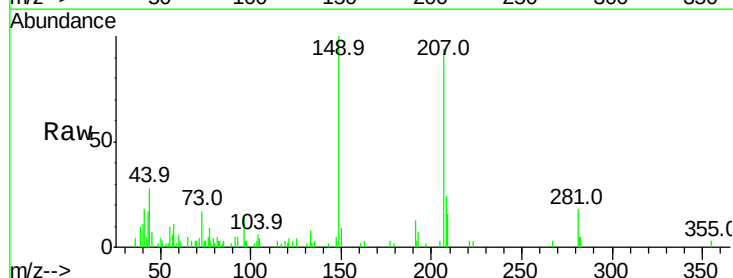
Instrument :
 BNA_M
 ClientSampleId :

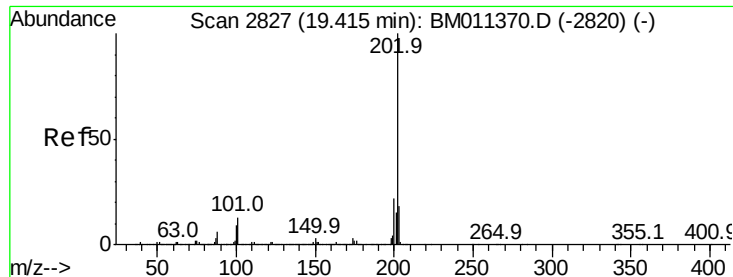
Tot Ion	Ratio	Lower	Upper
167	100		
166	27.8	17.2	25.8#
139	10.5	10.8	16.2#



#73
 Di-n-butylphthalate
 Concen: 0.122 ng
 RT: 18.32 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.0	3.7	5.5#





#74

Fluoranthene

Concen: 0.028 ng

RT: 19.40 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM011392.D

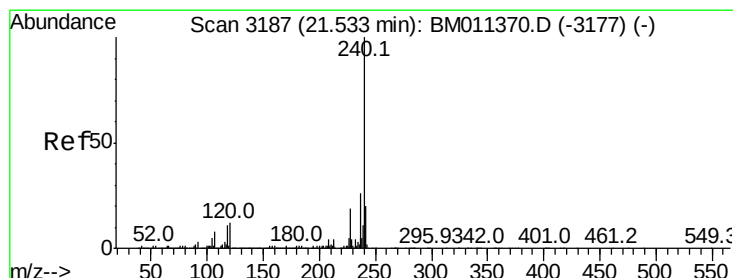
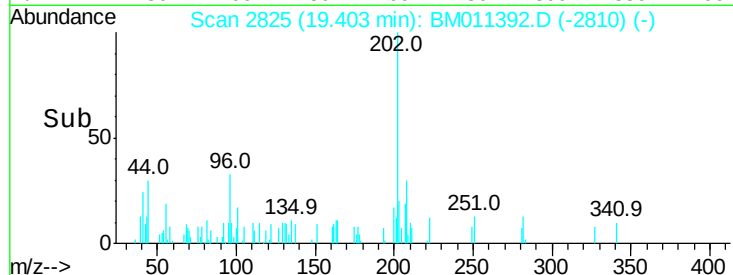
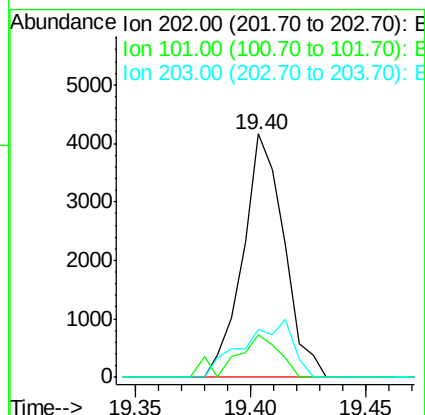
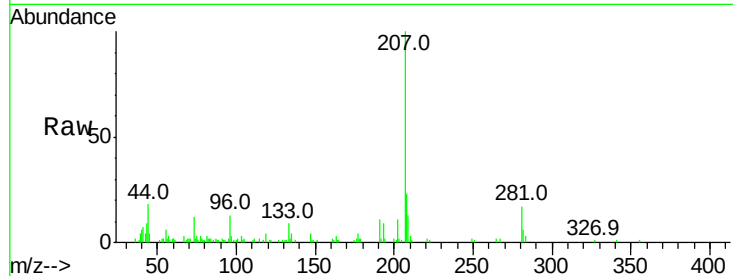
Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampled :

Tot Ion:	202	Resp:	5169
Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	28.7
203	19.6	0.0	37.2



#75

Chrysene-d12

Concen: 20.000 ng

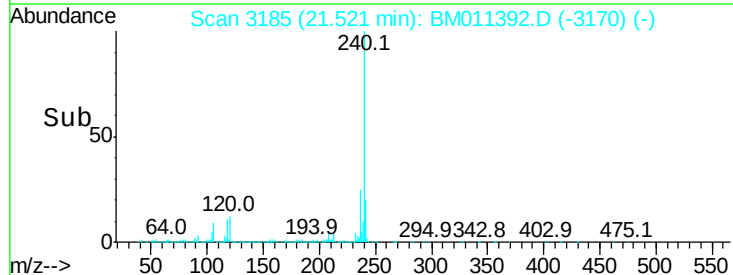
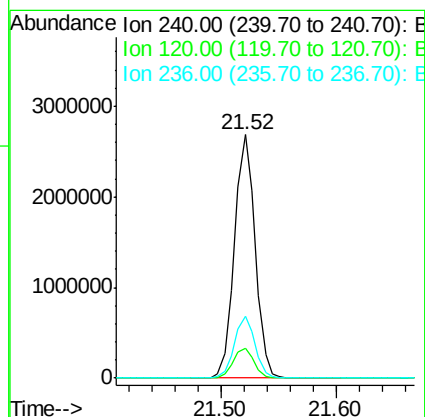
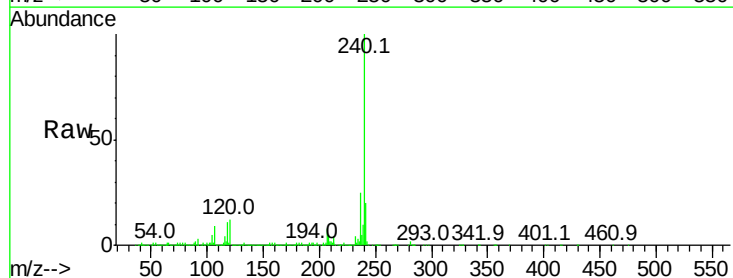
RT: 21.52 min Scan# 3185

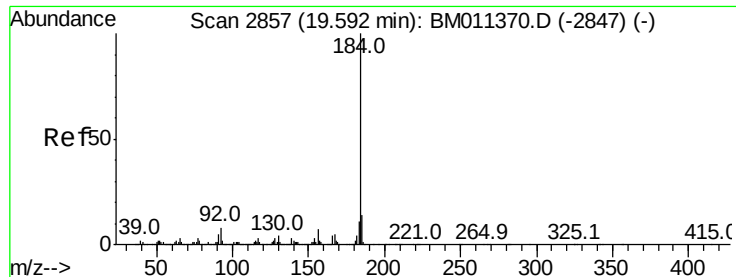
Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:	240	Resp:	3326829
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.2	12.2#
236	25.5	20.0	30.0





#76

Benzidine

Concen: 7.725 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

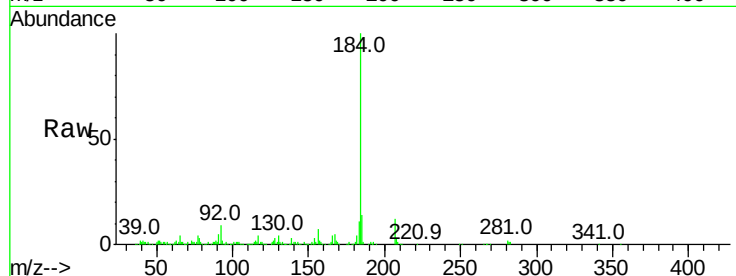
Instrument :

BNA_M

ClientSampled :

Tot Ion:184 Resp: 507224

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	10.7	8.9	13.3

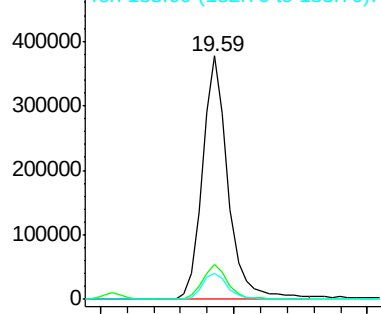


Abundance

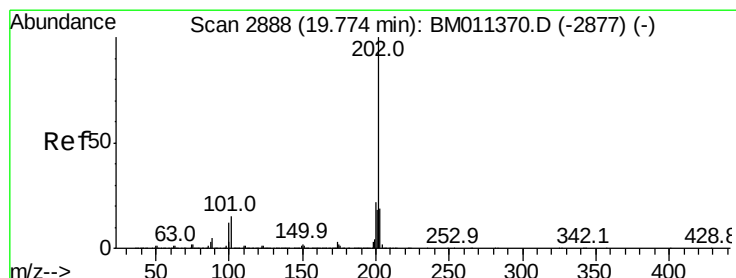
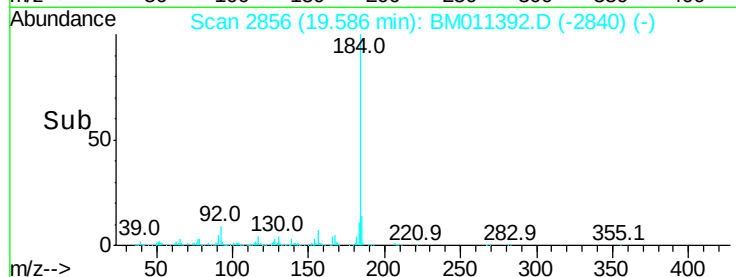
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60



#77

Pyrene

Concen: 0.019 ng

RT: 19.77 min Scan# 2887

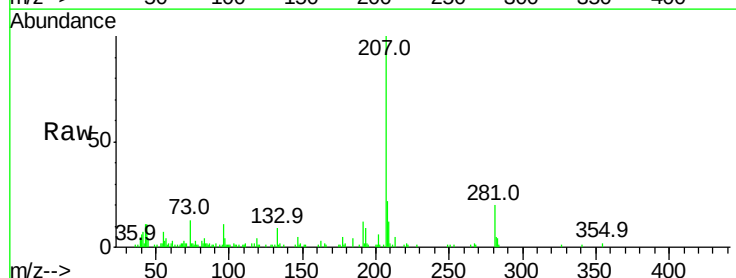
Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:202 Resp: 3817

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	22.1	14.1	21.1

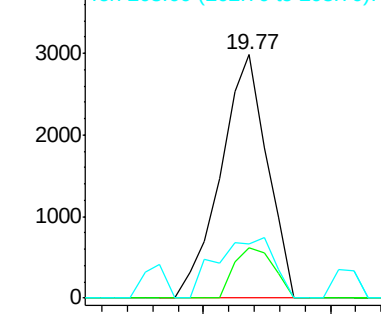


Abundance

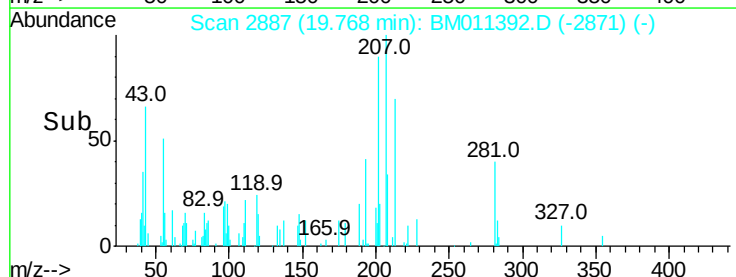
Ion 202.00 (201.70 to 202.70): E

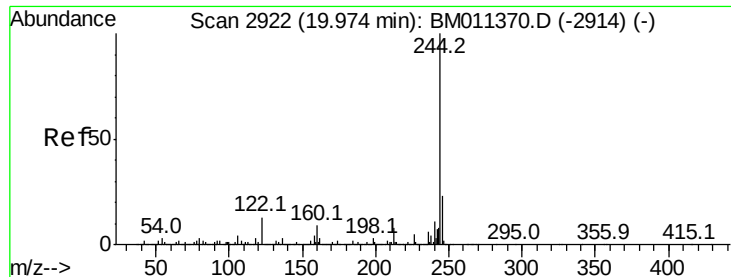
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.75 19.80





#78

Terphenyl-d14

Concen: 85.791 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

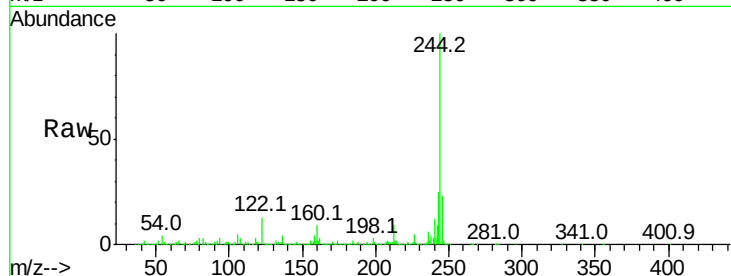
Tot Ion:244 Resp:11502871

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

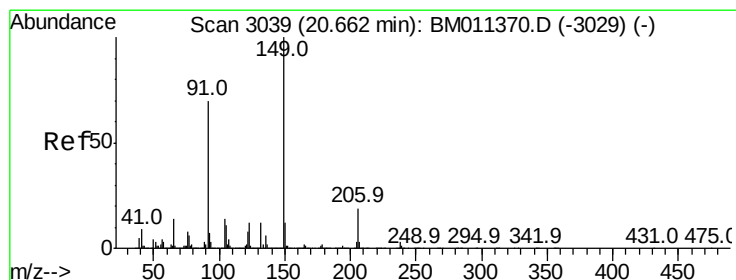
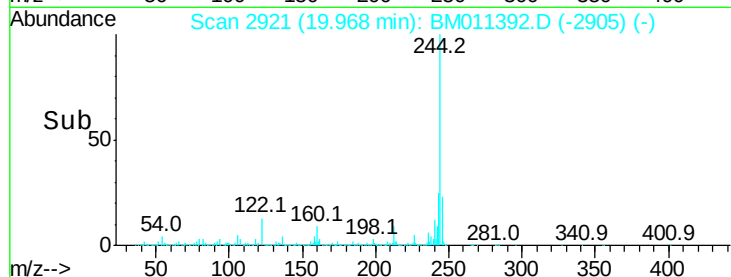
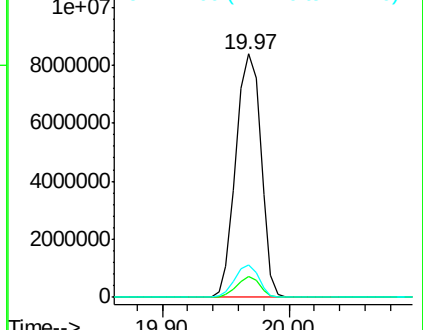
122 13.4 6.2 9.4#



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: 0.032 ng

RT: 20.65 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

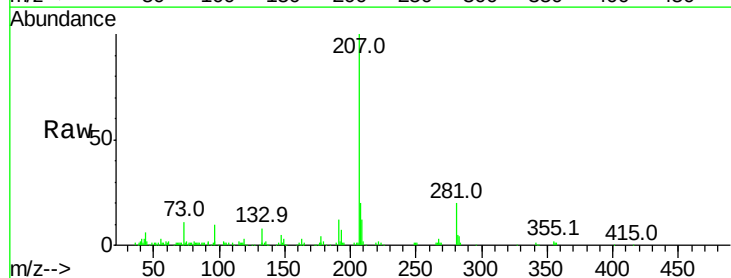
Tgt Ion:149 Resp: 2885

Ion Ratio Lower Upper

149 100

91 62.1 50.1 75.1

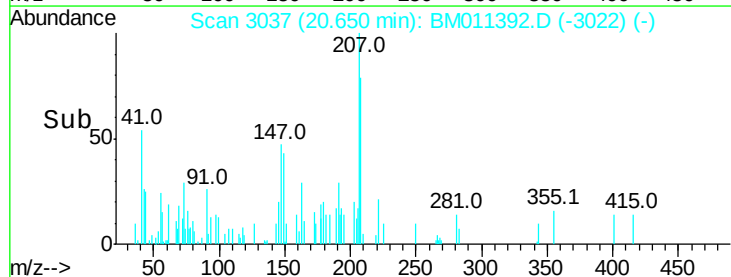
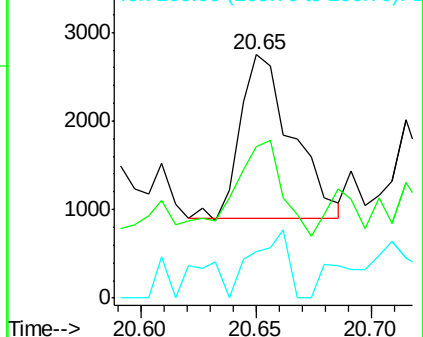
206 19.0 16.2 24.2

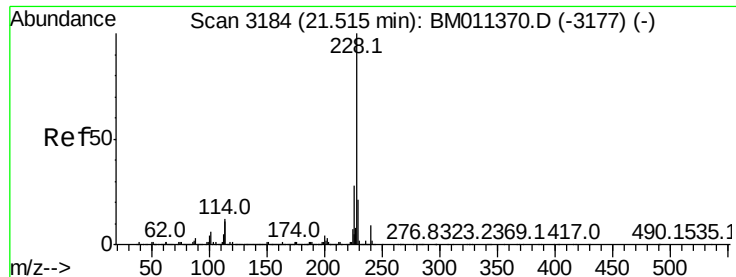


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.52 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

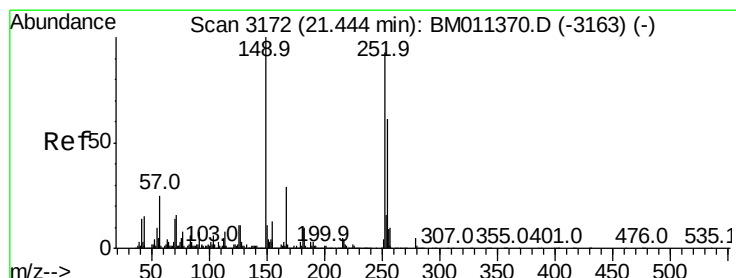
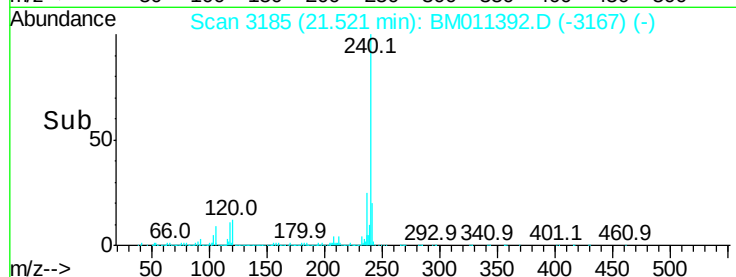
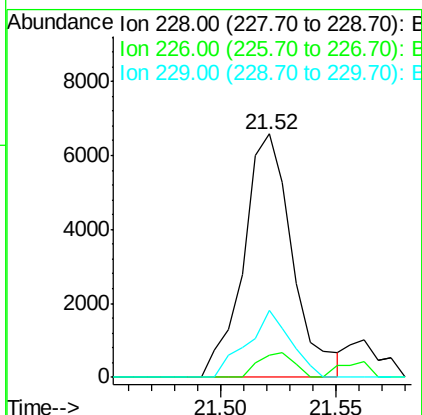
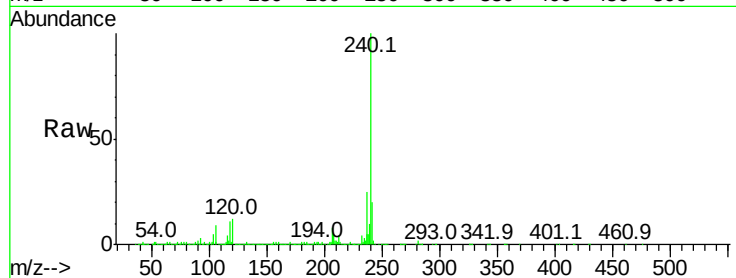
Tot Ion:228 Resp: 9707

Ion Ratio Lower Upper

228 100

226 9.3 21.7 32.5#

229 27.5 16.0 24.0#



#81

3,3'-Dichlorobenzidine

Concen: 0.131 ng

RT: 21.44 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

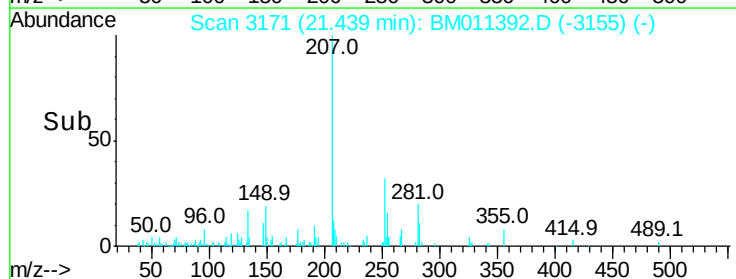
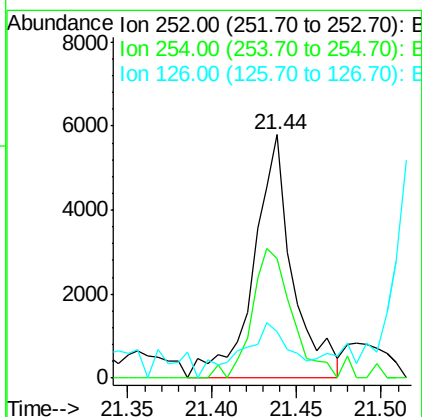
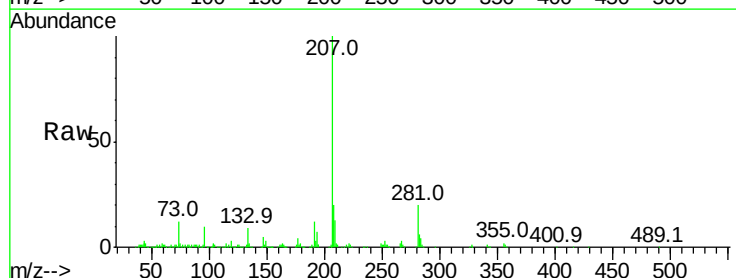
Tgt Ion:252 Resp: 9247

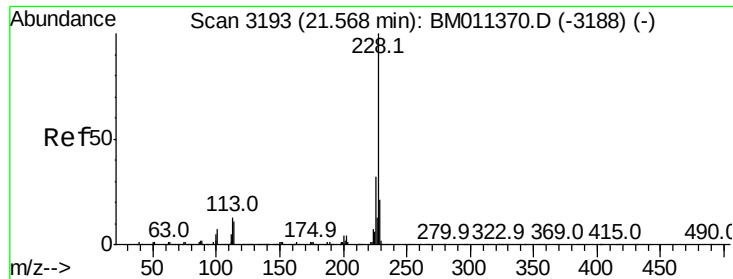
Ion Ratio Lower Upper

252 100

254 49.1 51.9 77.9#

126 18.9 9.8 14.8#





#82

Chrysene

Concen: 0.006 ng

RT: 21.56 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

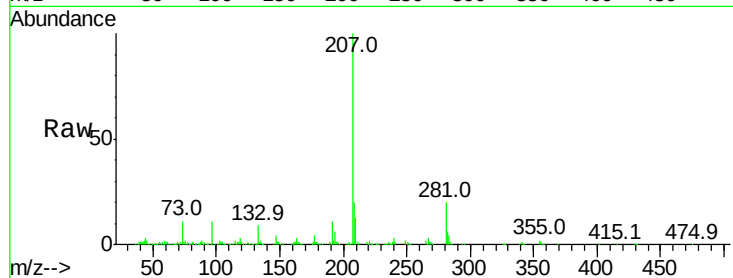
Tot Ion:228 Resp: 1021

Ion Ratio Lower Upper

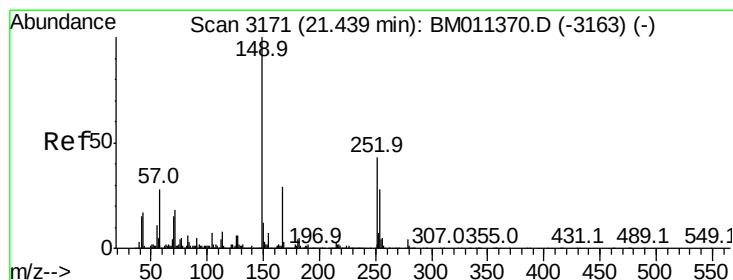
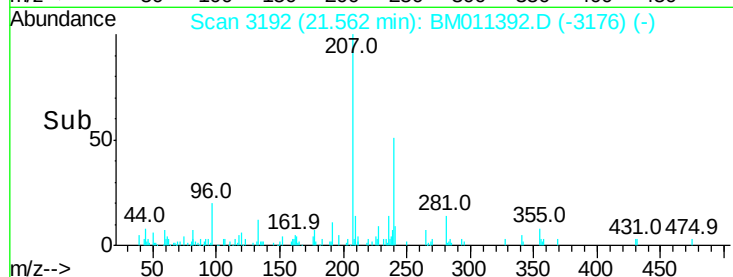
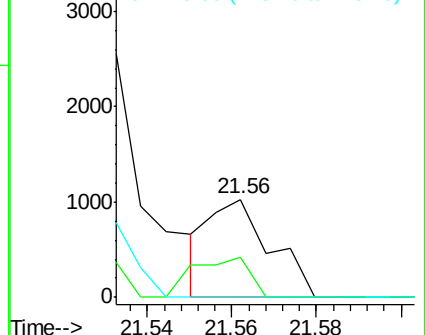
228 100

226 40.9 24.1 36.1#

229 0.0 15.5 23.3#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

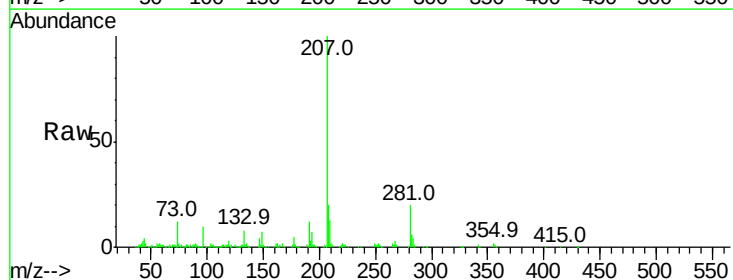
Tgt Ion:149 Resp: 13738

Ion Ratio Lower Upper

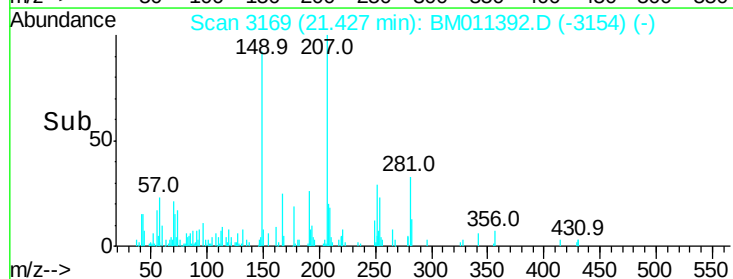
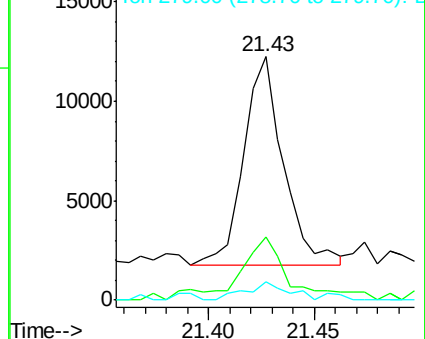
149 100

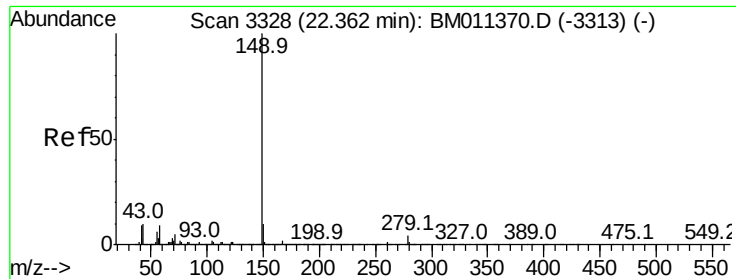
167 25.7 22.4 33.6

279 7.8 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

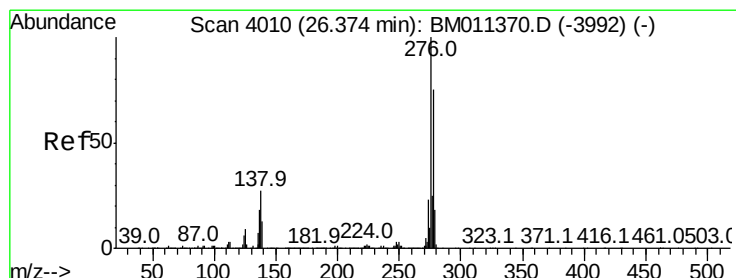
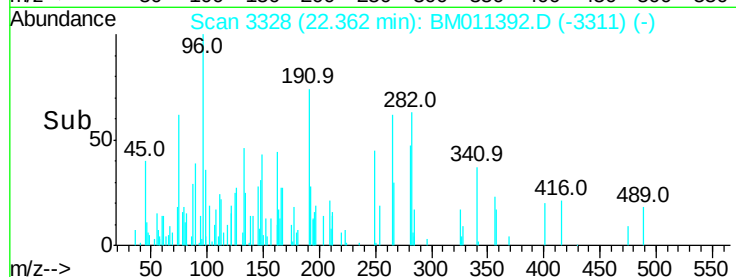
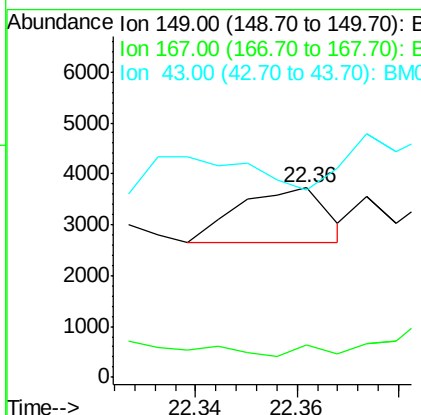
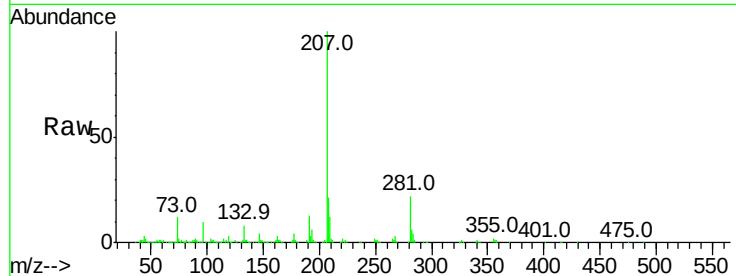




#84
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.36 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

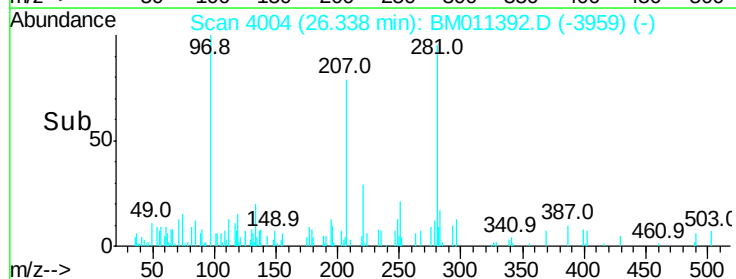
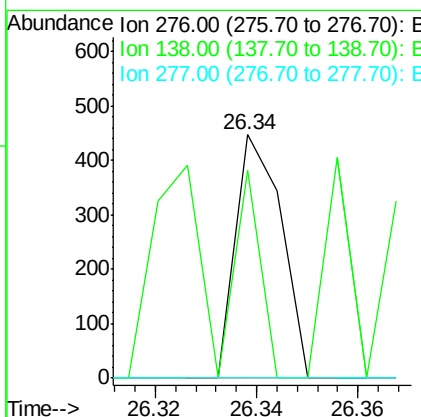
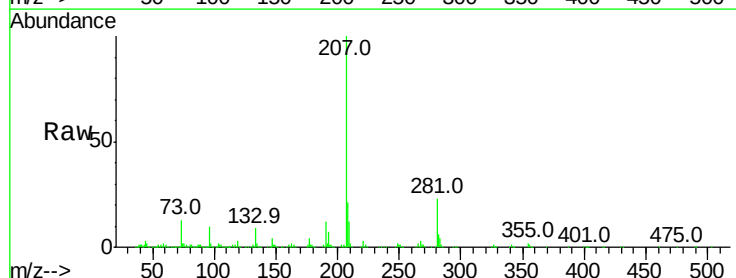
Instrument :
BNA_M
ClientSampled :

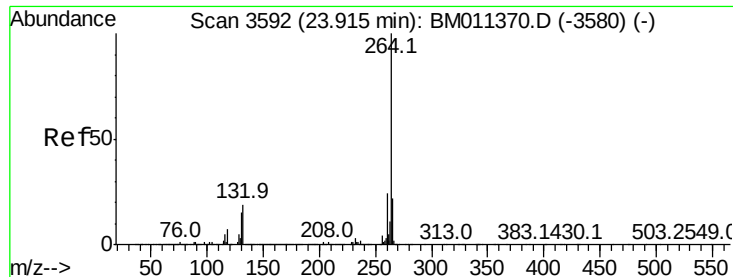
Tot Ion:149 Resp: 1275
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.34 min Scan# 4004
Delta R.T. -0.04 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:276 Resp: 279
Ion Ratio Lower Upper
276 100
138 138.7 12.0 18.0#
277 0.0 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.90 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

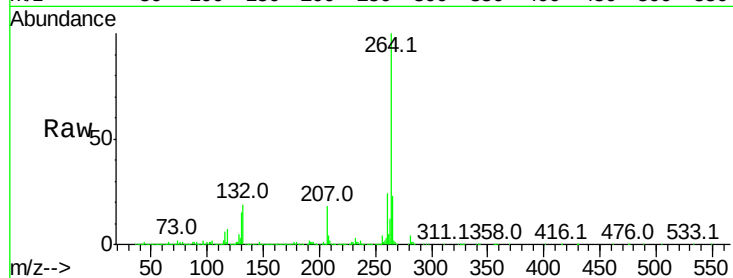
Tot Ion:264 Resp: 3104859

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

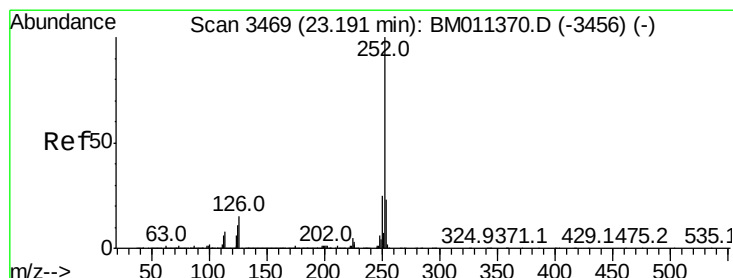
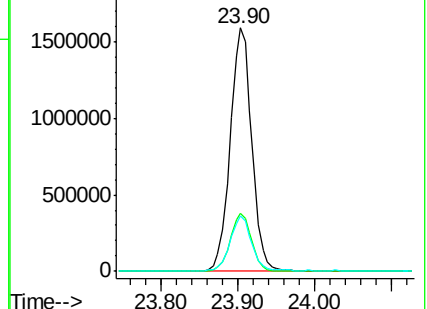
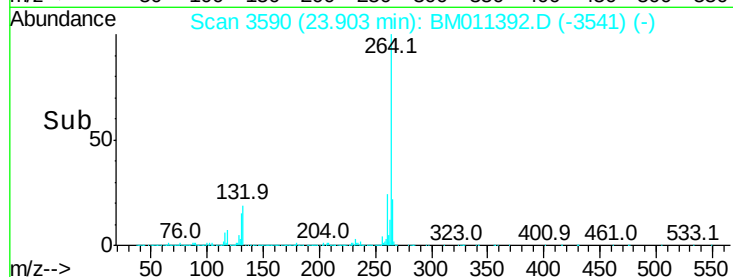
265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.18 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

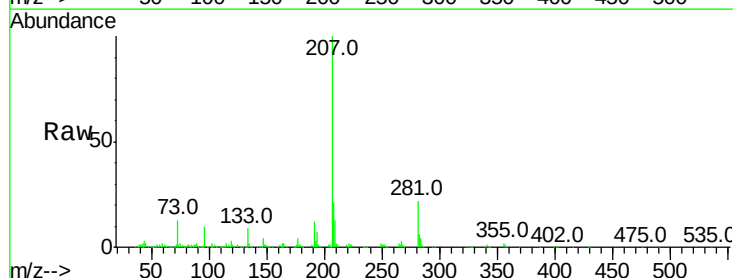
Tgt Ion:252 Resp: 1585

Ion Ratio Lower Upper

252 100

253 58.1 18.0 27.0#

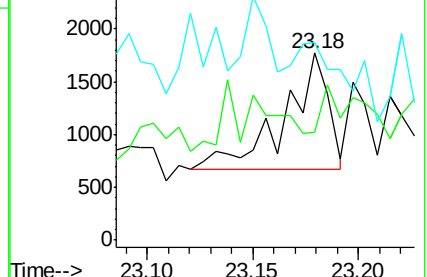
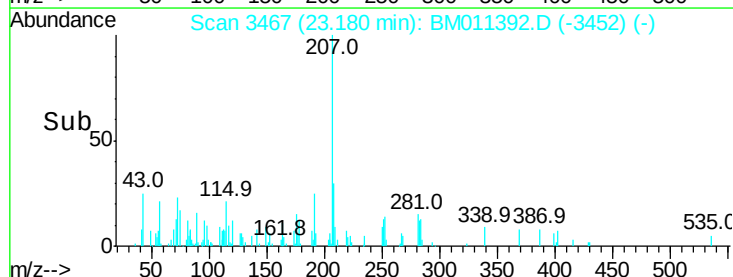
125 105.9 9.9 14.9#

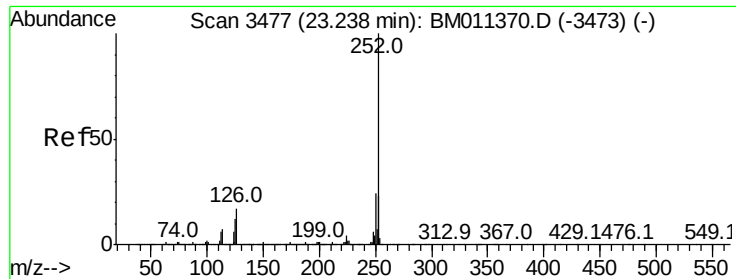


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

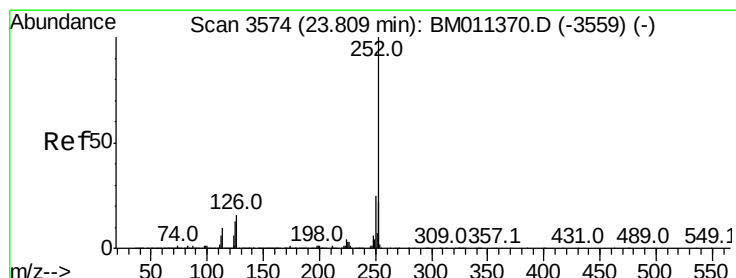
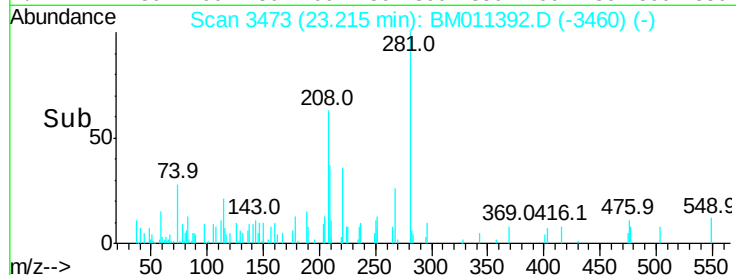
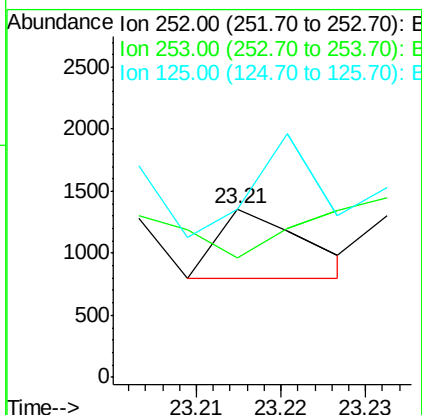
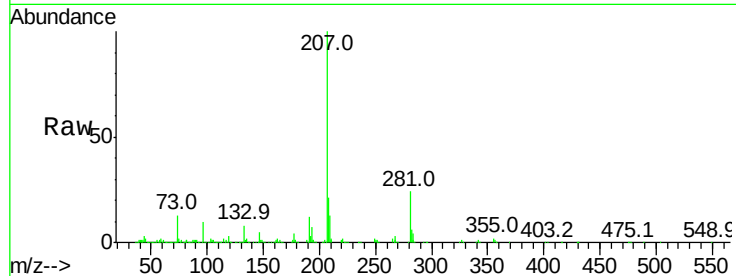




#88
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.21 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

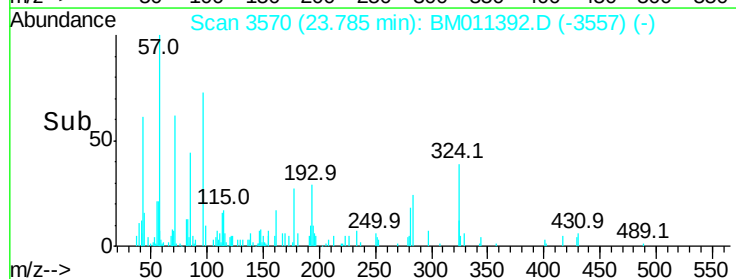
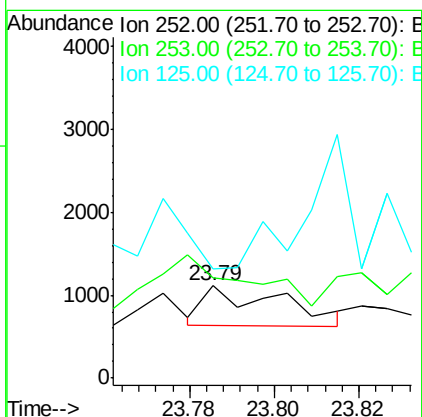
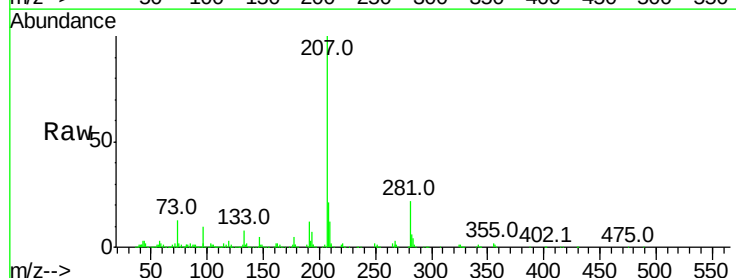
Instrument :
BNA_M
ClientSampled :

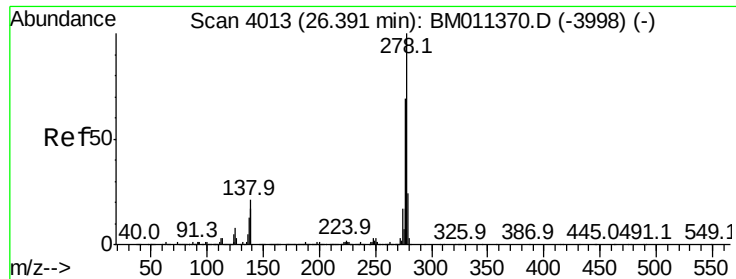
Tot Ion:252 Resp: 394
Ion Ratio Lower Upper
252 100
253 71.0 17.2 25.8#
125 100.1 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.79 min Scan# 3570
Delta R.T. -0.02 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion:252 Resp: 614
Ion Ratio Lower Upper
252 100
253 108.5 17.6 26.4#
125 118.7 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.33 min Scan# 4003

Delta R.T. -0.06 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

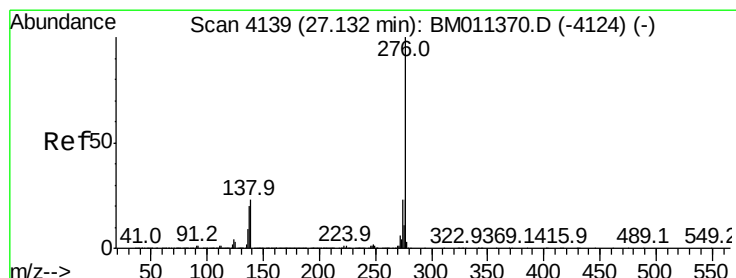
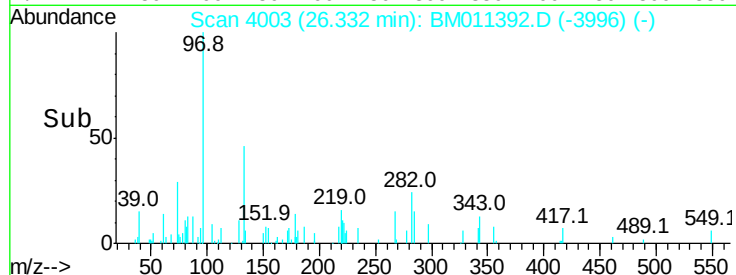
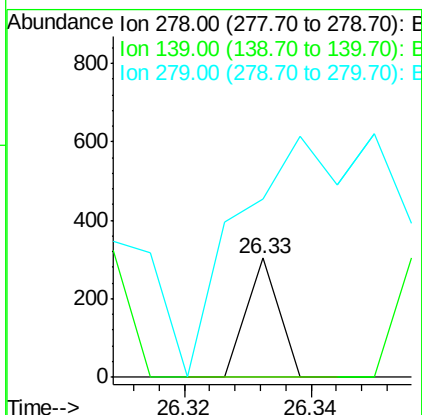
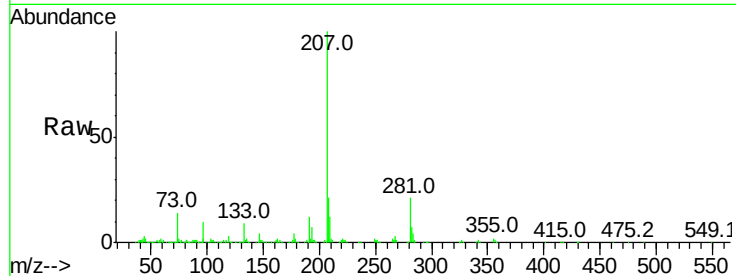
Tot Ion:278 Resp: 107

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 149.5 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.11 min Scan# 4136

Delta R.T. -0.02 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:276 Resp: 122

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 88.7 19.0 28.6#

