

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012216\
 Data File : BM004105.D
 Acq On : 21 Jan 2016 18:41
 Operator : SJ/UM
 Sample : PB87902BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jan 22 01:21:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23693	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	109747	5.00	ng	-0.02
13) Acenaphthene-d10	14.30	164	63151	5.00	ng	-0.03
19) Phenanthrene-d10	17.06	188	188765	5.00	ng	0.00
26) Chrysene-d12	21.27	240	193088	5.00	ng	0.00
35) Perylene-d12	23.51	264	170049	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	36979	7.63	ng	-0.02
5) Phenol-d6	6.85	99	49000	8.25	ng	0.00
8) Nitrobenzene-d5	8.83	82	21410	3.97	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	16267	8.56	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	77324	3.80	ng	-0.01
29) Terphenyl-d14	19.71	244	89296	2.86	ng	-0.01

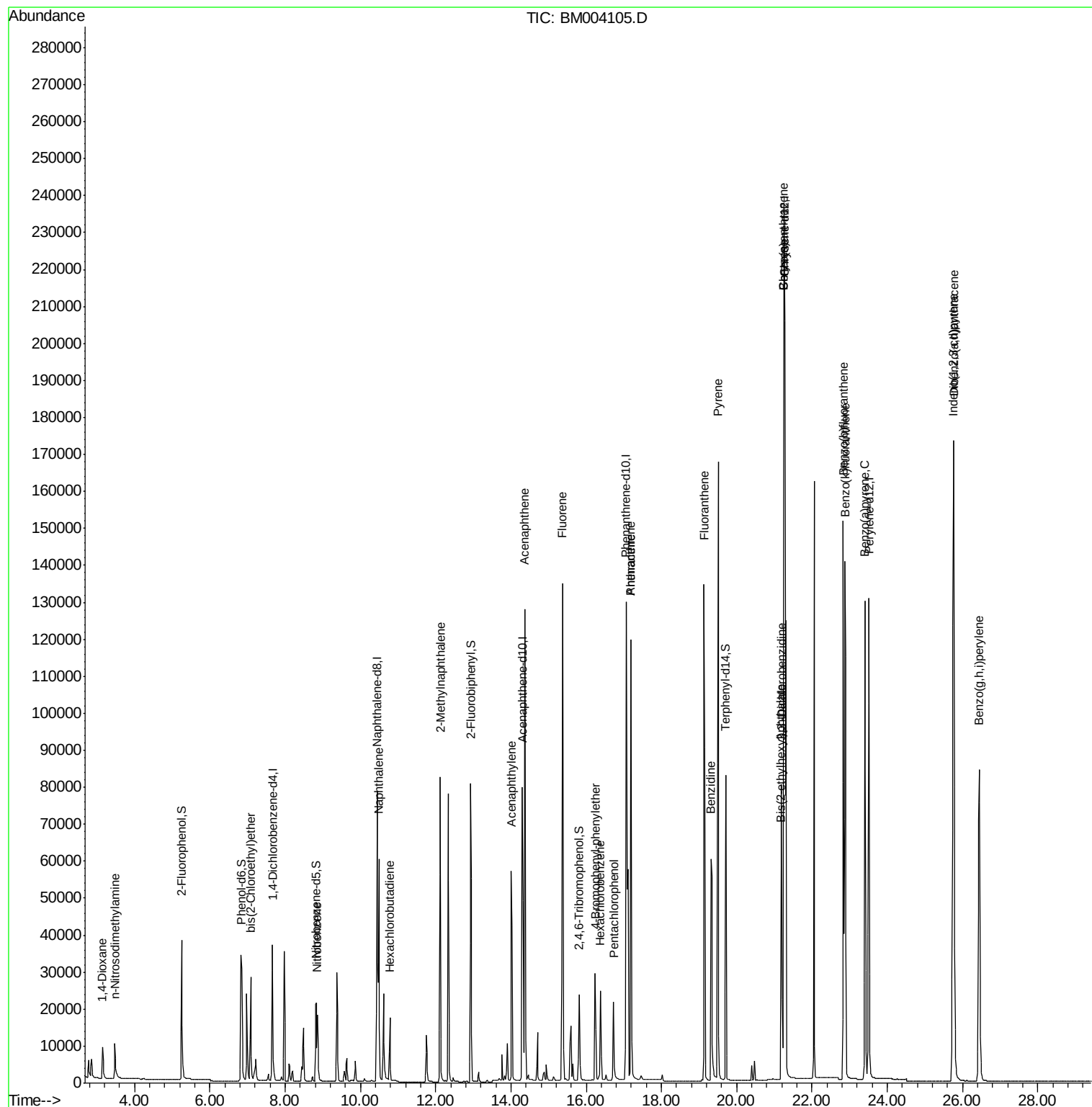
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	7454	3.74	ng	96
3) n-Nitrosodimethylamine	3.48	42	8485	3.46	ng	94
6) bis(2-Chloroethyl)ether	7.09	93	20970	3.87	ng	99
9) Nitrobenzene	8.86	77	21640	3.71	ng	98
10) Naphthalene	10.49	128	83920	3.49	ng	98
11) Hexachlorobutadiene	10.79	225	12678	3.46	ng	99
12) 2-Methylnaphthalene	12.12	142	61164	3.77	ng	98
16) Acenaphthylene	14.01	152	101093	3.84	ng	# 87
17) Acenaphthene	14.37	154	68286	3.71	ng	95
18) Fluorene	15.37	166	88239	4.03	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	17913	3.07	ng	# 8
21) Hexachlorobenzene	16.37	284	19179	3.09	ng	# 62
22) Pentachlorophenol	16.73	266	17750	6.73	ng	# 84
23) Phenanthrene	17.19	178	146603	4.24	ng	99
24) Anthracene	17.19	178	149918	3.95	ng	97
25) Fluoranthene	19.13	202	163304	3.89	ng	100
27) Benzidine	19.32	184	116851	5.12	ng	# 92
28) Pyrene	19.50	202	180370	2.60	ng	99
30) Benzo(a)anthracene	21.25	228	250004	4.56	ng	# 89
31) 3,3'-Dichlorobenzidine	21.19	252	55352	3.30	ng	# 81
32) Chrysene	21.25	228	250005	4.39	ng	95
33) Bis(2-ethylhexyl)phthalate	21.17	149	81478	2.64	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.75	276	190128	4.66	ng	100
36) Benzo(b)fluoranthene	22.83	252	181063	3.48	ng	96
37) Benzo(k)fluoranthene	22.87	252	175367	3.48	ng	97
38) Benzo(a)pyrene	23.41	252	171385	3.87	ng	97
39) Dibenzo(a,h)anthracene	25.76	278	152499	4.04	ng	97
40) Benzo(g,h,i)perylene	26.44	276	160845	4.02	ng	98

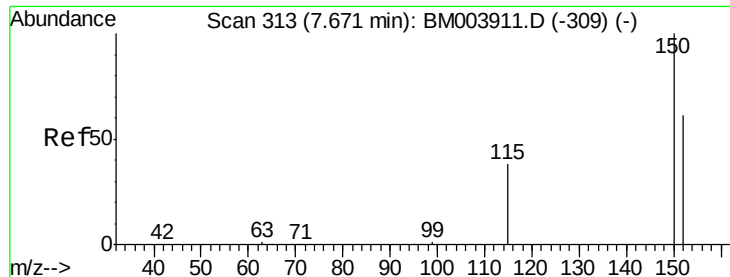
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

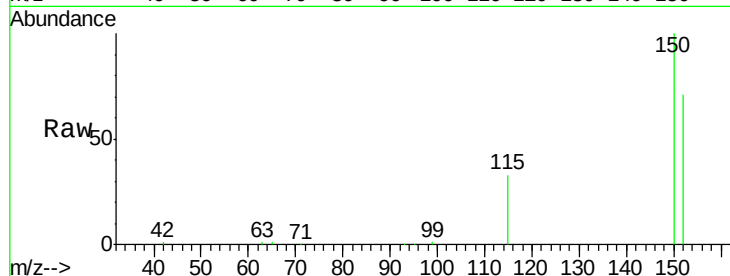
Tgt Ion:152 Resp: 23693

Ion Ratio Lower Upper

152 100

150 140.6 122.9 184.3

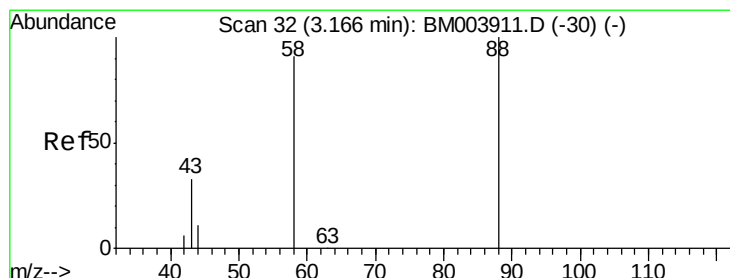
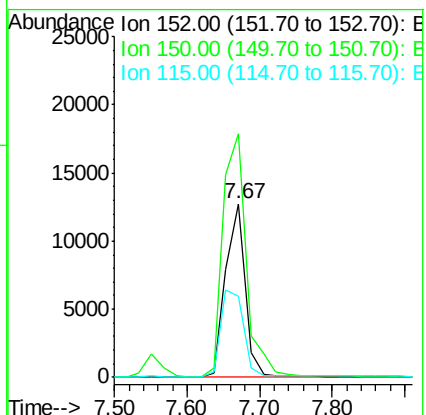
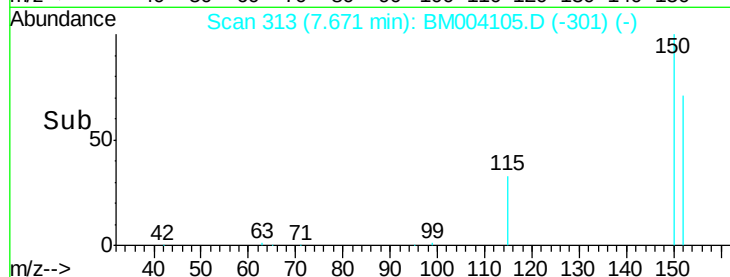
115 46.8 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.74 ng

RT: 3.15 min Scan# 31

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

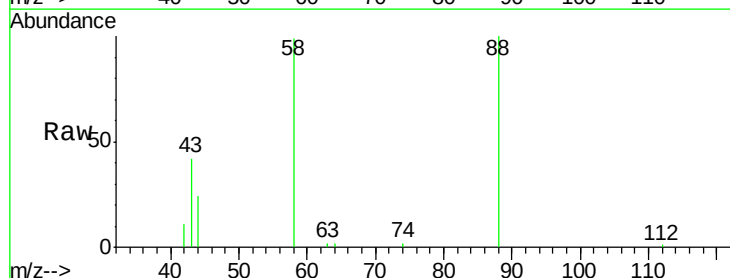
Tgt Ion: 88 Resp: 7454

Ion Ratio Lower Upper

88 100

58 71.8 53.8 80.6

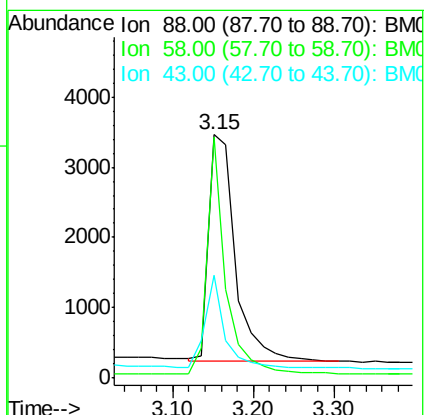
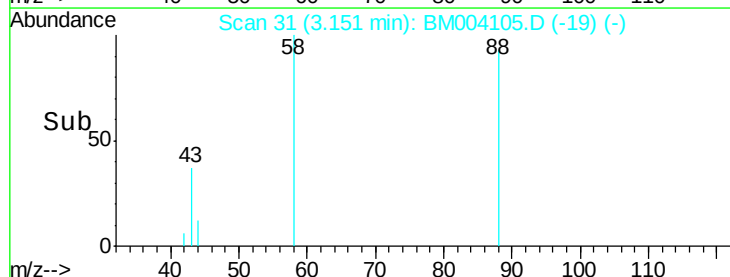
43 30.4 23.8 35.6

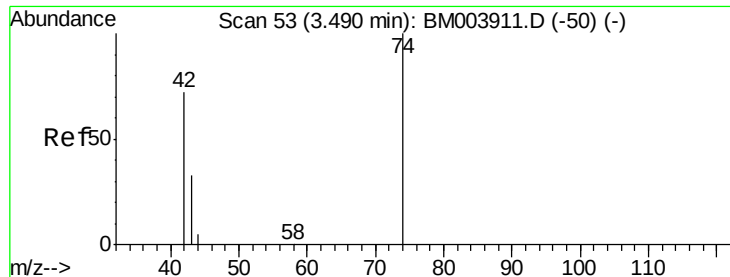


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.46 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

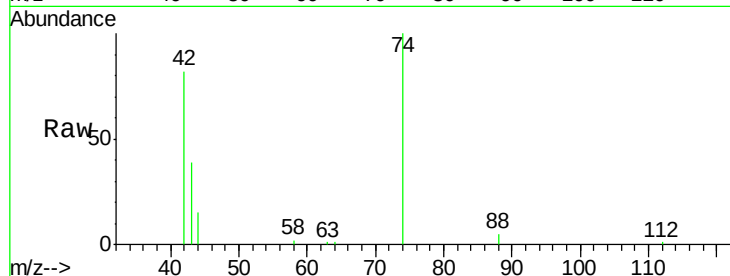
Tgt Ion: 42 Resp: 8485

Ion Ratio Lower Upper

42 100

74 125.4 95.0 142.4

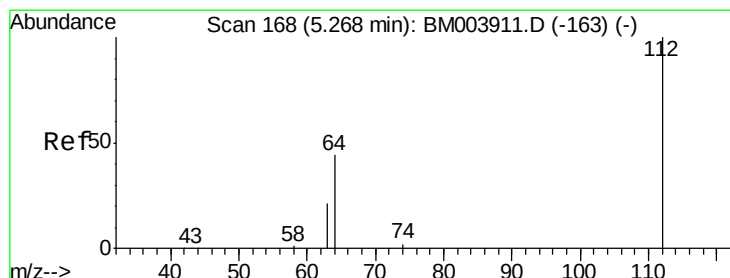
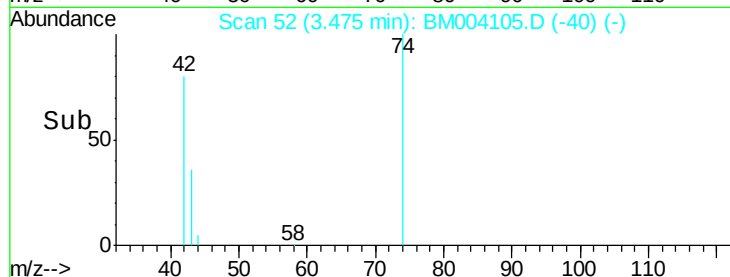
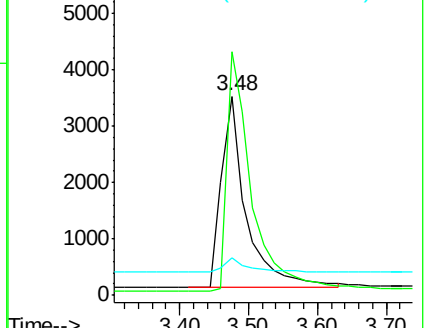
44 6.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003911.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003911.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003911.D (-50) (-)



#4

2-Fluorophenol

Concen: 7.63 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

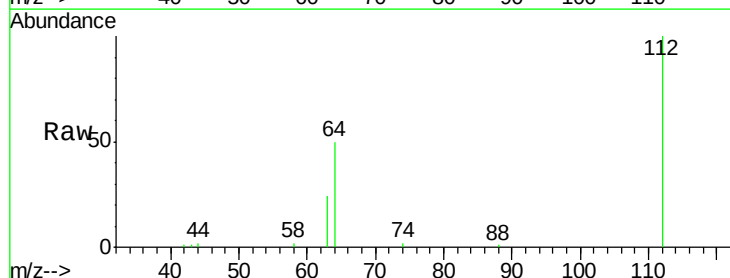
Tgt Ion: 112 Resp: 36979

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

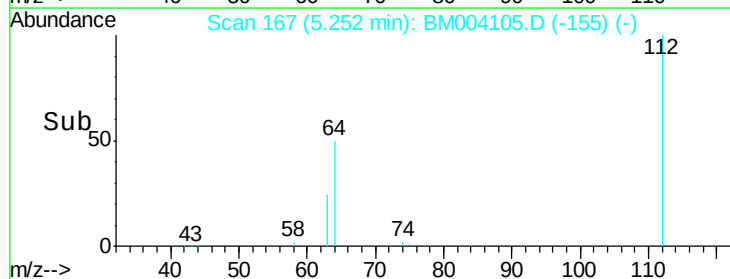
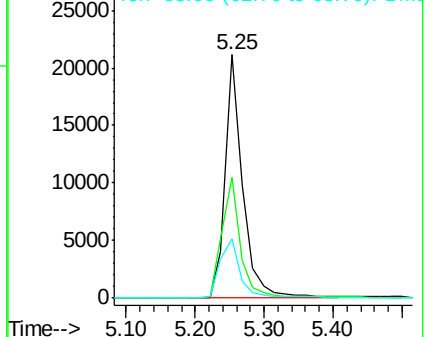
63 27.3 22.1 33.1

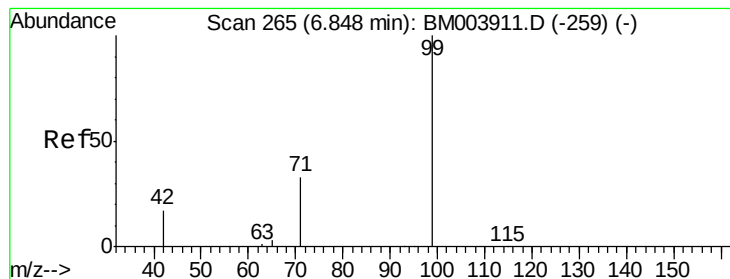


Abundance Ion 112.00 (111.70 to 112.70): BM003911.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM003911.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM003911.D (-163) (-)





#5

Phenol-d6

Concen: 8.25 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampled :

SSTDIC0.8

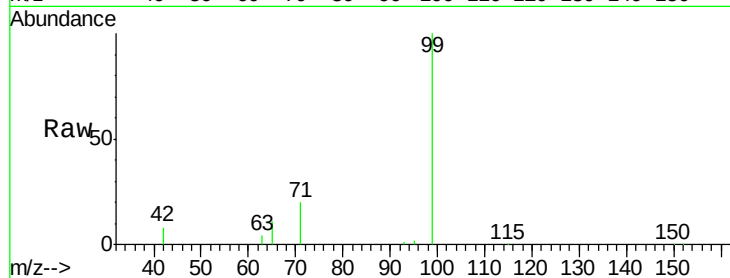
Tgt Ion: 99 Resp: 49000

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

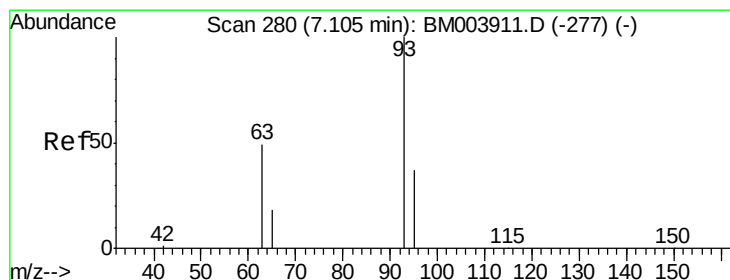
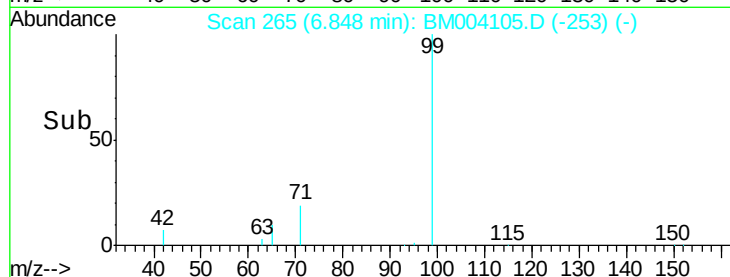
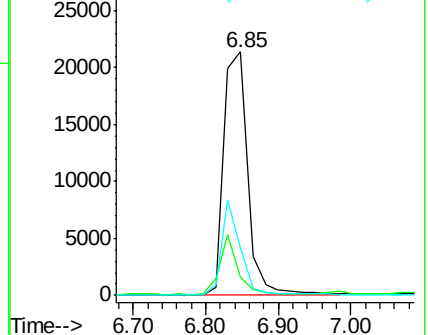
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004105.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004105.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004105.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.87 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

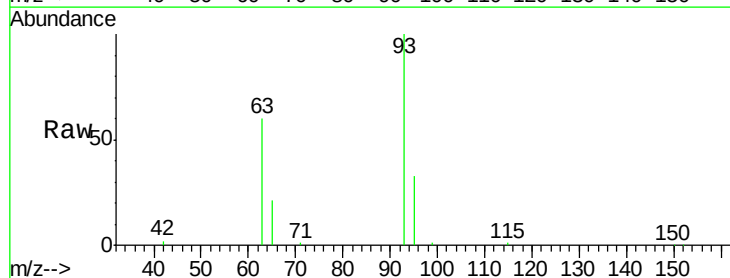
Tgt Ion: 93 Resp: 20970

Ion Ratio Lower Upper

93 100

63 73.0 58.3 87.5

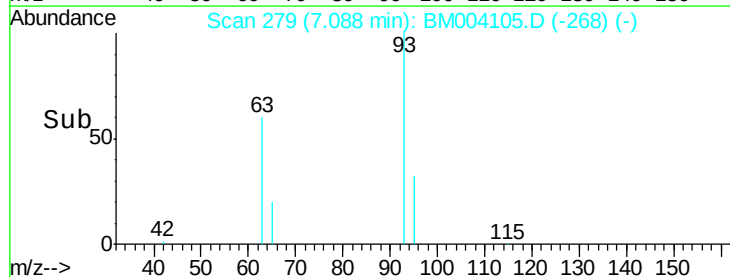
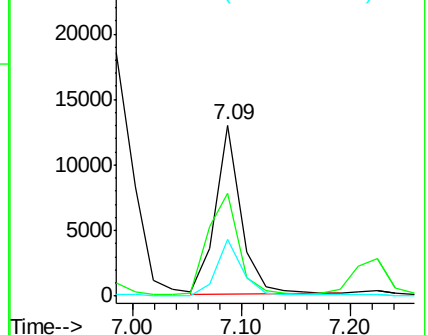
95 33.2 25.8 38.8

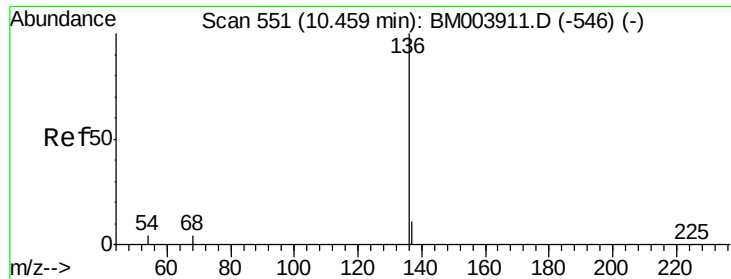


Abundance Ion 93.00 (92.70 to 93.70): BM004105.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM004105.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM004105.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tgt Ion: 136 Resp: 109747

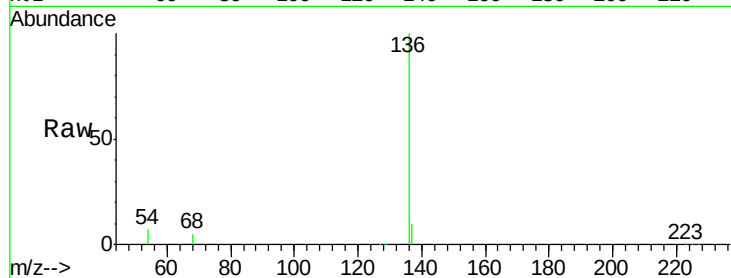
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.7 2.8 4.2#

68 5.2 2.5 3.7#

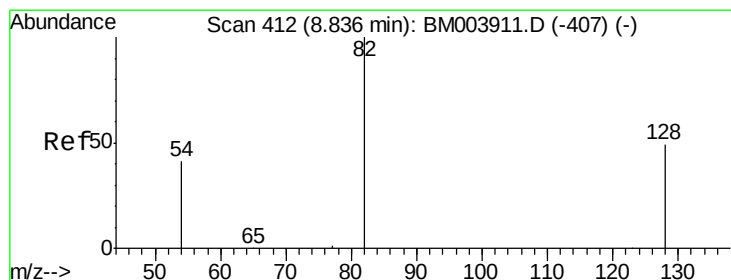
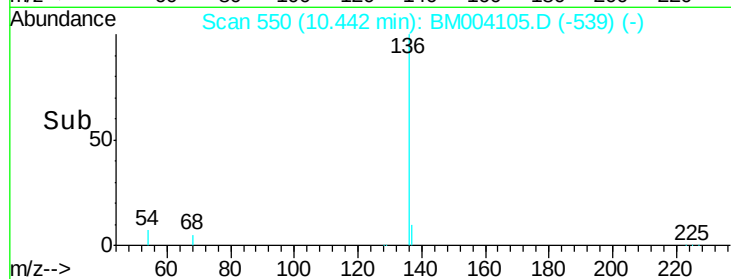
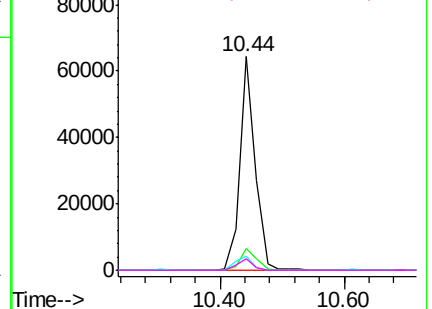


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.97 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

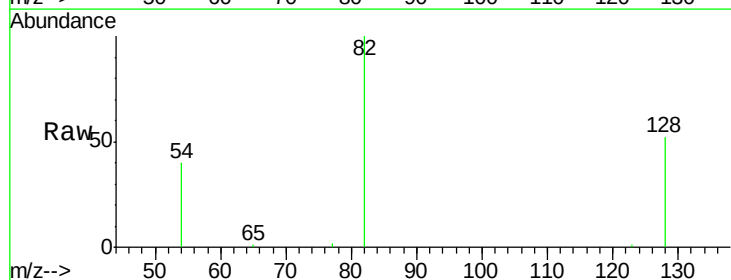
Tgt Ion: 82 Resp: 21410

Ion Ratio Lower Upper

82 100

128 52.0 39.1 58.7

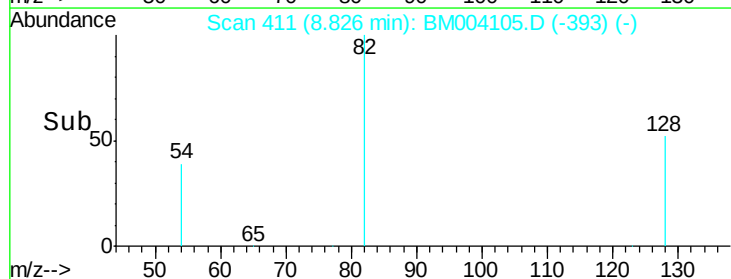
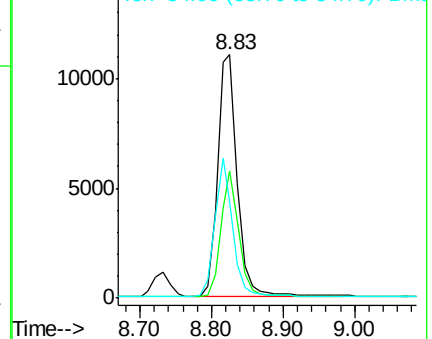
54 39.5 34.8 52.2

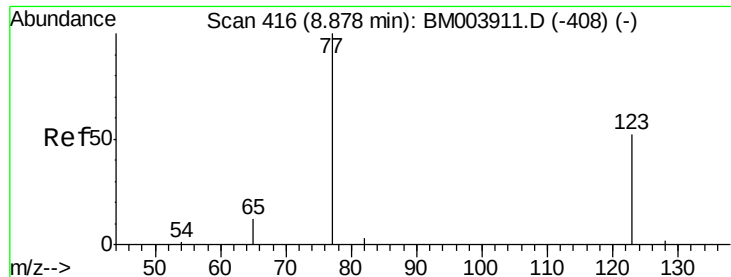


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.71 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

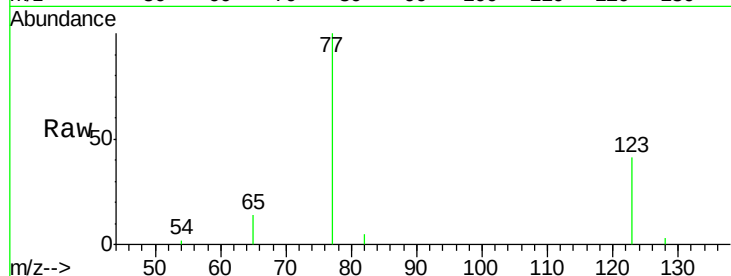
Tgt Ion: 77 Resp: 21640

Ion Ratio Lower Upper

77 100

123 49.5 38.6 57.8

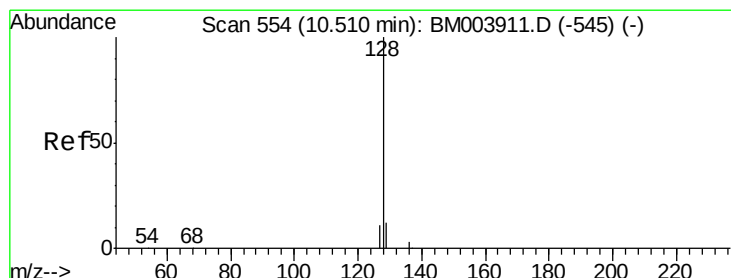
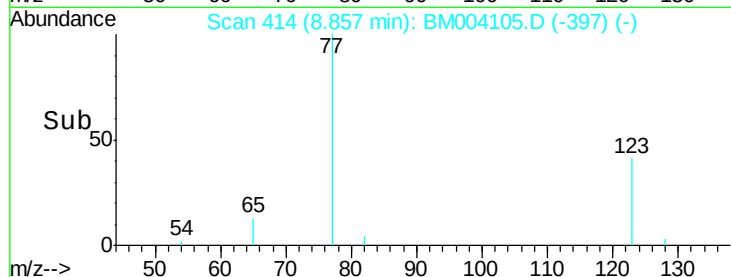
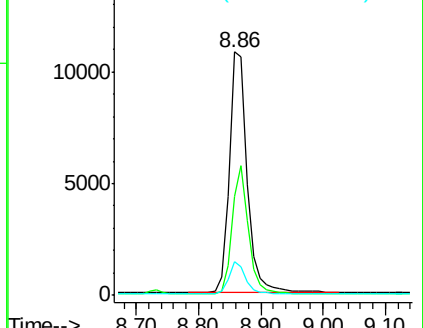
65 12.7 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003911.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003911.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003911.D (-408) (-)



#10

Naphthalene

Concen: 3.49 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

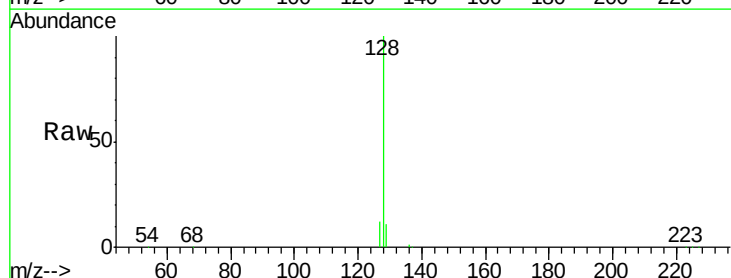
Tgt Ion: 128 Resp: 83920

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

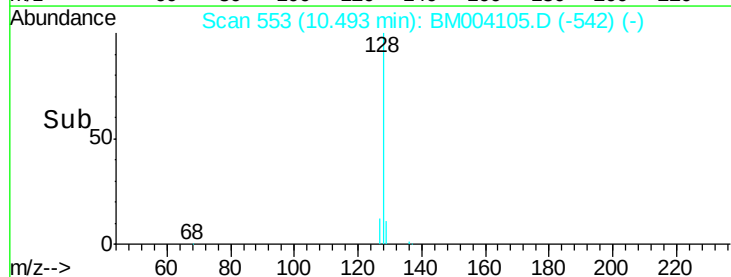
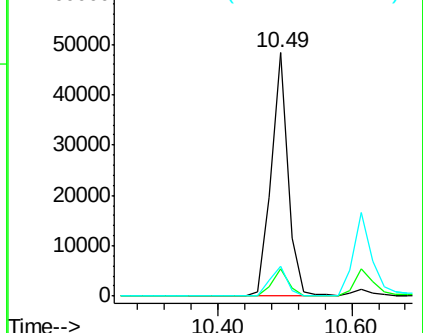
127 12.5 11.0 16.4

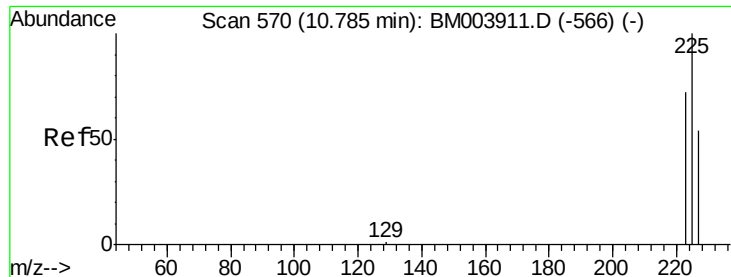


Abundance Ion 128.00 (127.70 to 128.70): BM003911.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003911.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003911.D (-545) (-)

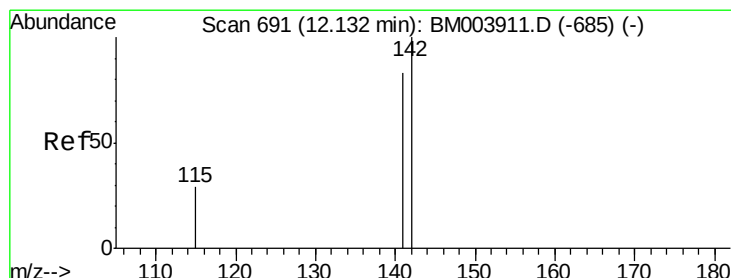
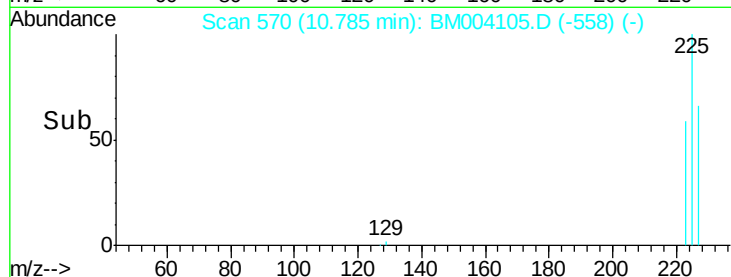
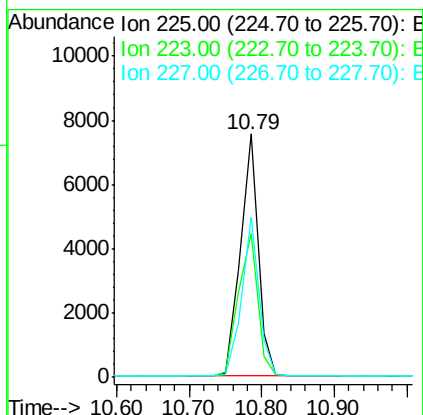
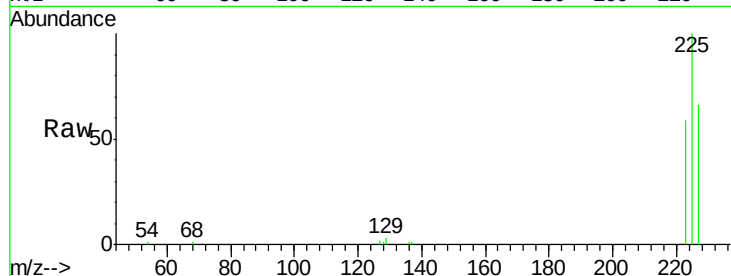




#11
Hexachlorobutadiene
Concen: 3.46 ng
RT: 10.79 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

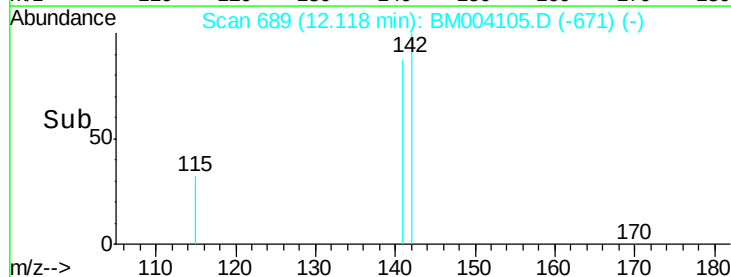
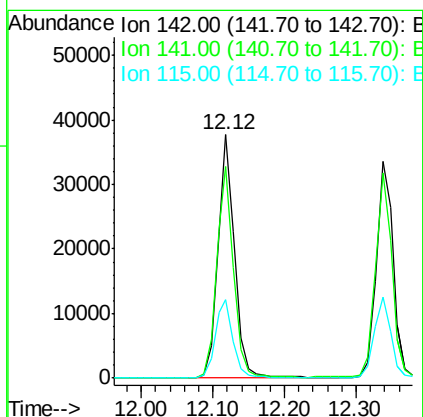
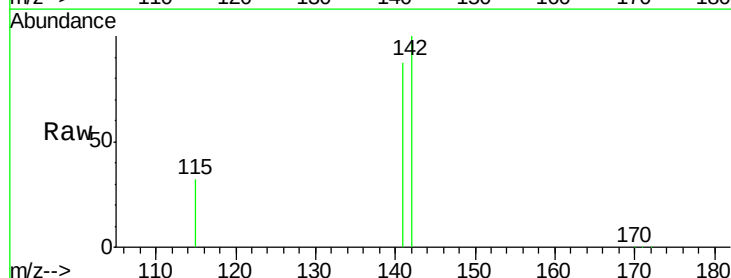
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

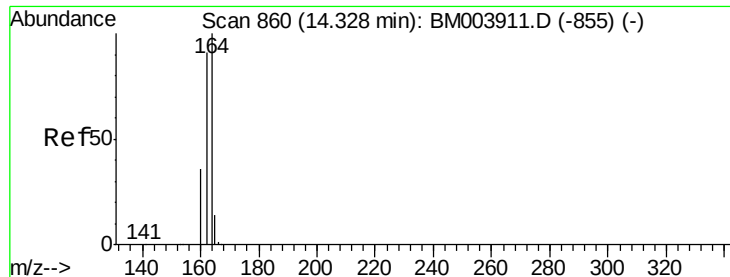
Tgt Ion: 225 Resp: 12678
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 63.5 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.77 ng
RT: 12.12 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

Tgt Ion: 142 Resp: 61164
Ion Ratio Lower Upper
142 100
141 86.8 67.8 101.8
115 32.2 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.30 min Scan# 858

Delta R.T. -0.03 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

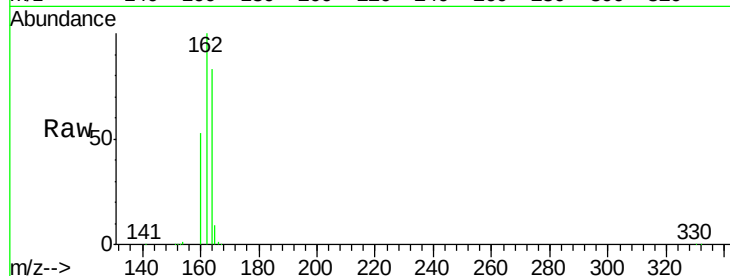
Tgt Ion:164 Resp: 63151

Ion Ratio Lower Upper

164 100

162 121.2 86.0 129.0

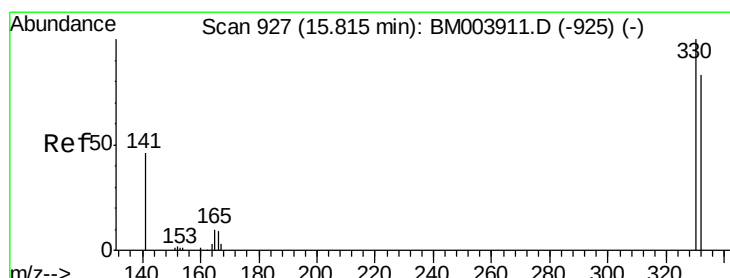
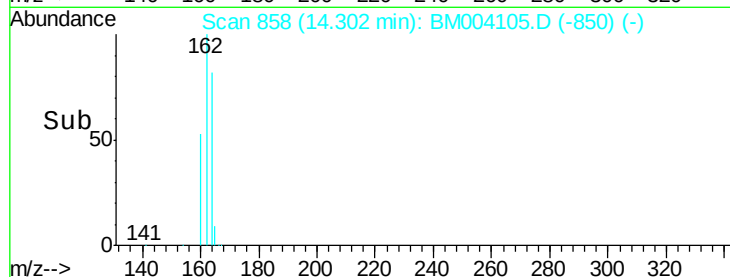
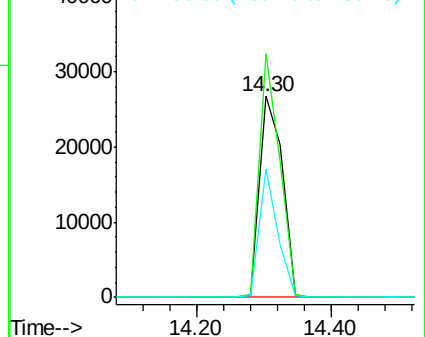
160 63.9 40.3 60.5#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 8.56 ng

RT: 15.81 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

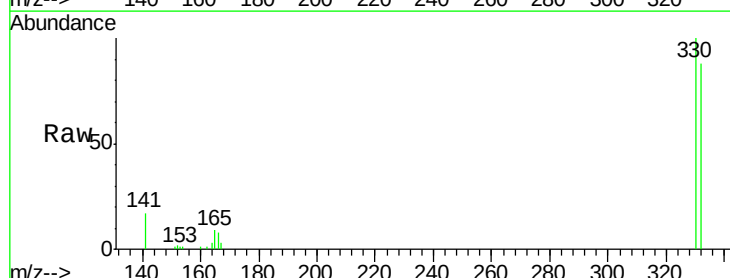
Tgt Ion:330 Resp: 16267

Ion Ratio Lower Upper

330 100

332 93.0 79.0 118.4

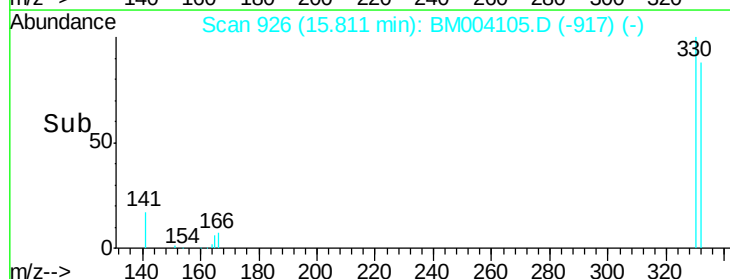
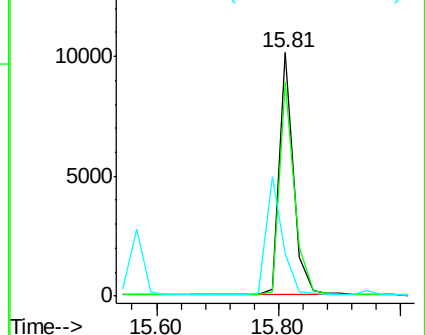
141 0.0 0.0 0.0

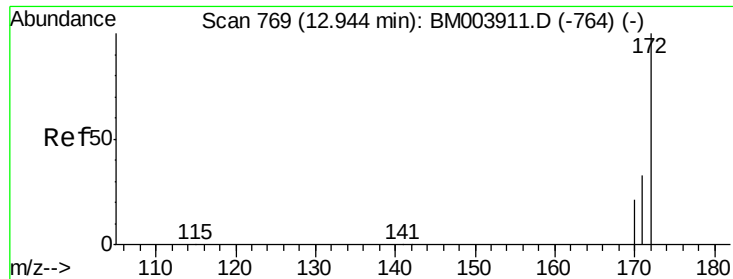


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

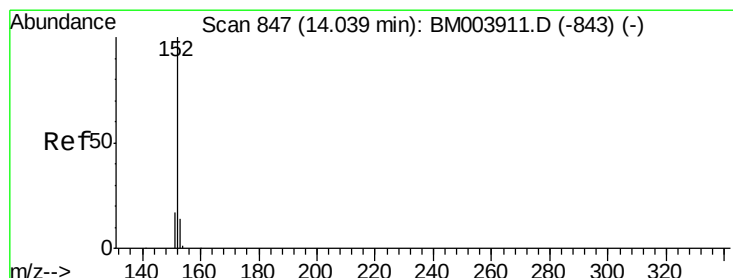
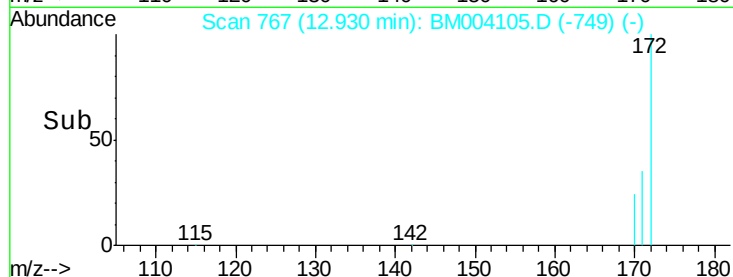
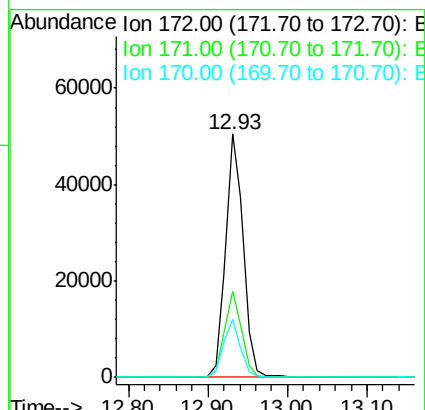
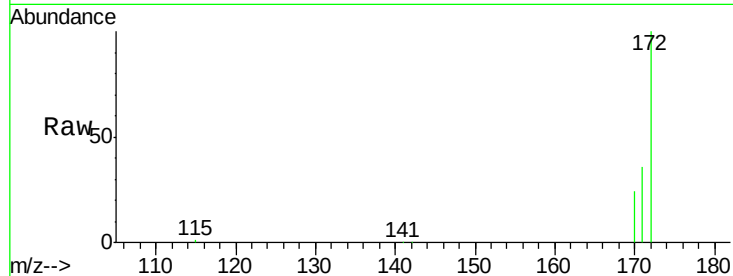




#15
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

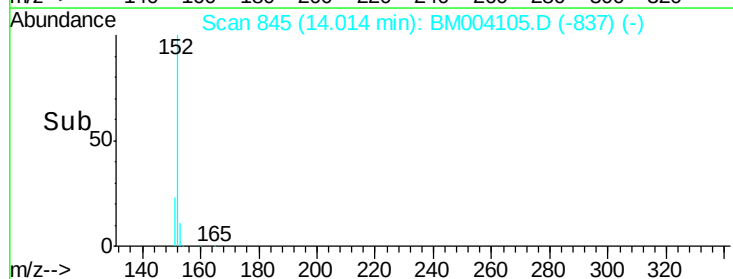
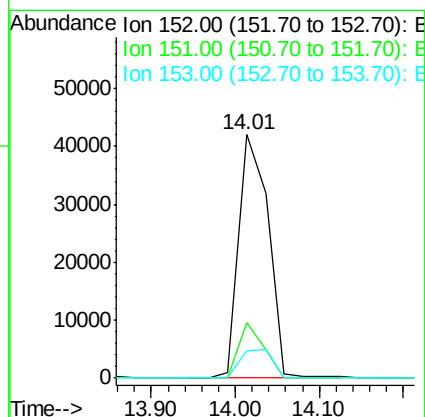
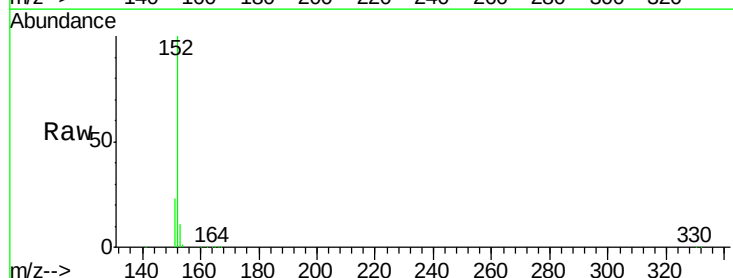
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

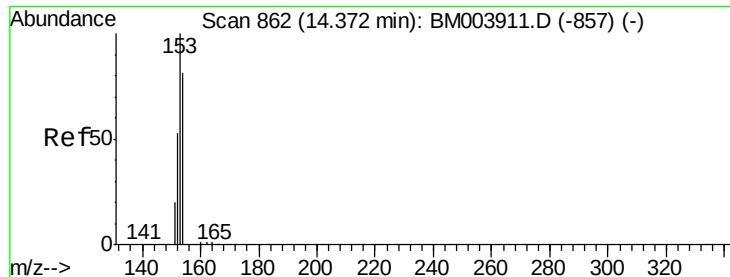
Tgt Ion:172 Resp: 77324
Ion Ratio Lower Upper
172 100
171 35.6 27.0 40.6
170 23.9 17.9 26.9



#16
Acenaphthylene
Concen: 3.84 ng
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

Tgt Ion:152 Resp: 101093
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 0.0 10.2 15.4#

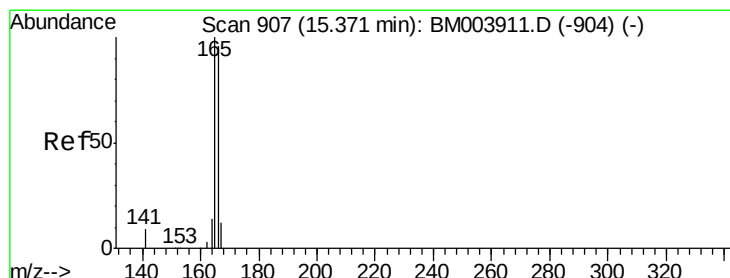
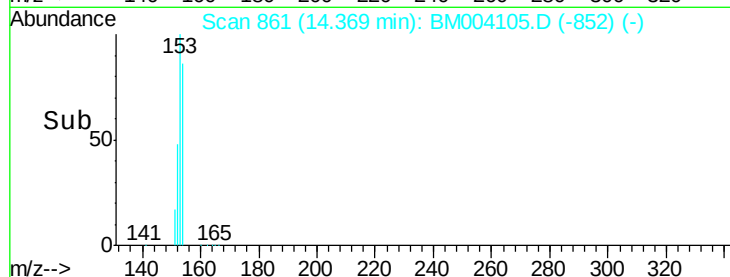
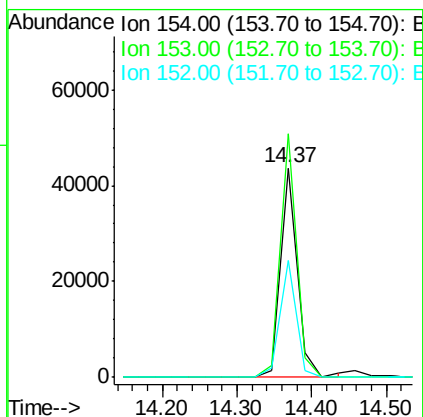
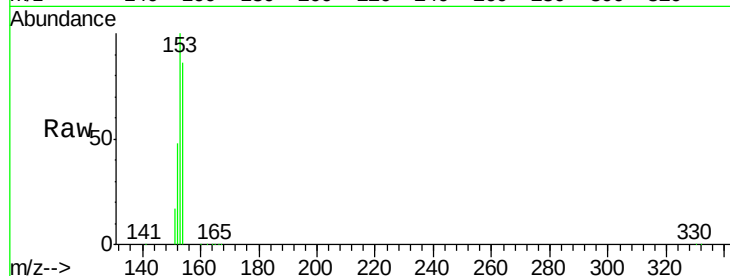




#17
Acenaphthene
Concen: 3.71 ng
RT: 14.37 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

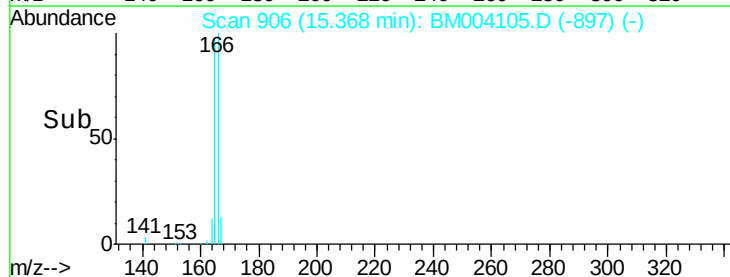
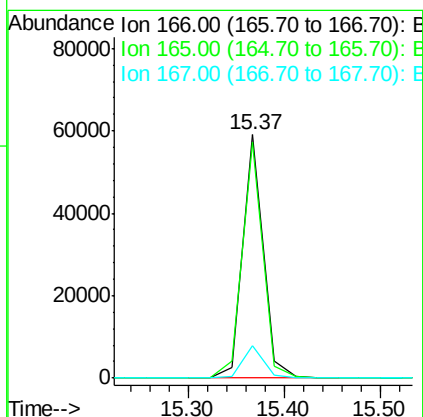
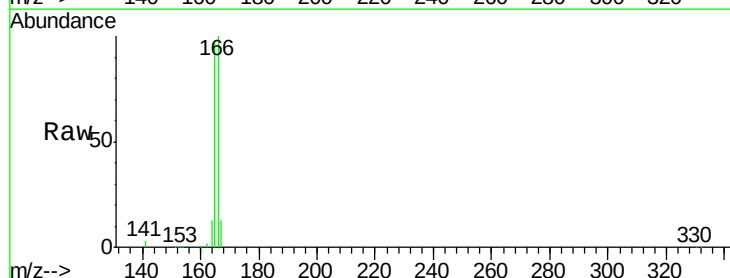
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

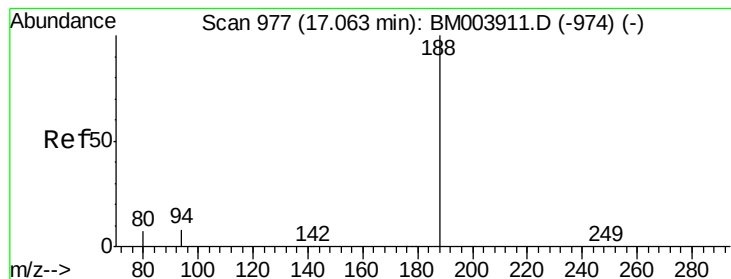
Tgt Ion:154 Resp: 68286
Ion Ratio Lower Upper
154 100
153 111.9 85.4 128.2
152 53.7 40.6 60.8



#18
Fluorene
Concen: 4.03 ng
RT: 15.37 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

Tgt Ion:166 Resp: 88239
Ion Ratio Lower Upper
166 100
165 97.3 77.2 115.8
167 13.3 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

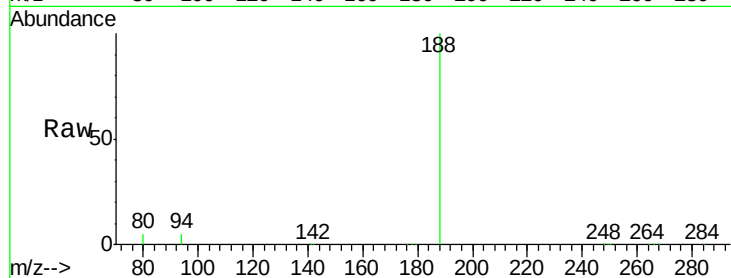
Tgt Ion:188 Resp: 188765

Ion Ratio Lower Upper

188 100

94 5.3 20.3 30.5#

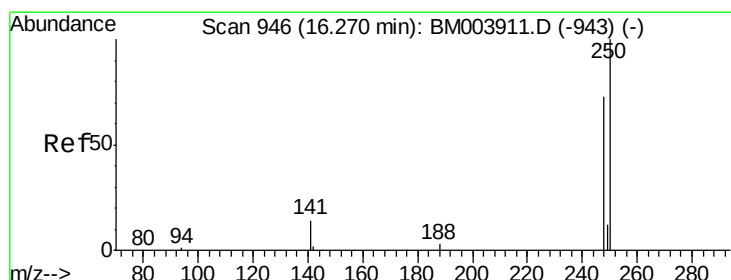
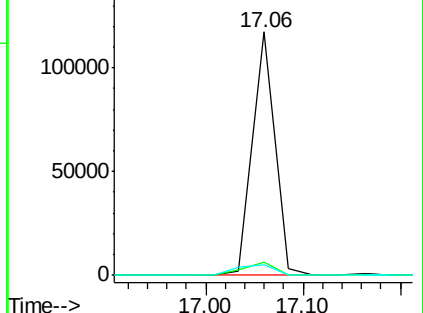
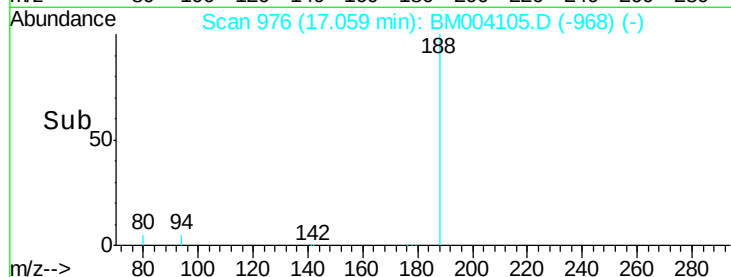
80 4.6 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 3.07 ng

RT: 16.24 min Scan# 944

Delta R.T. -0.03 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

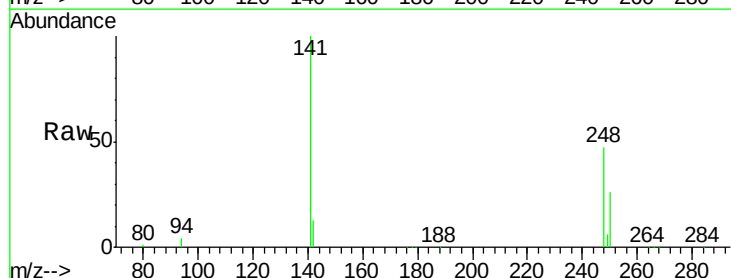
Tgt Ion:248 Resp: 17913

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

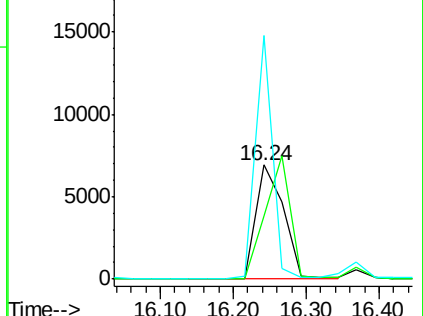
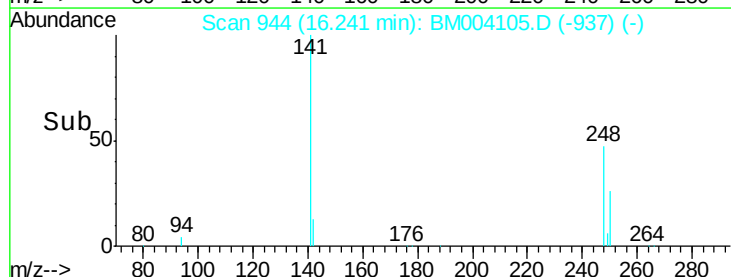
141 132.8 53.0 79.4#

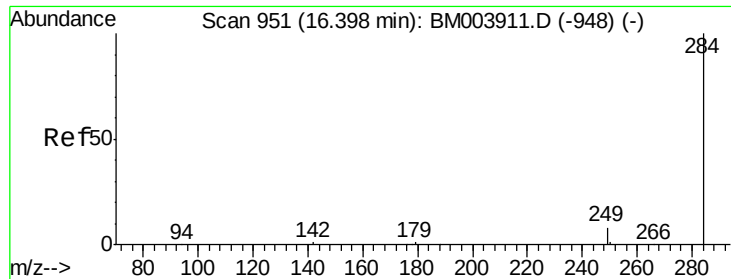


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

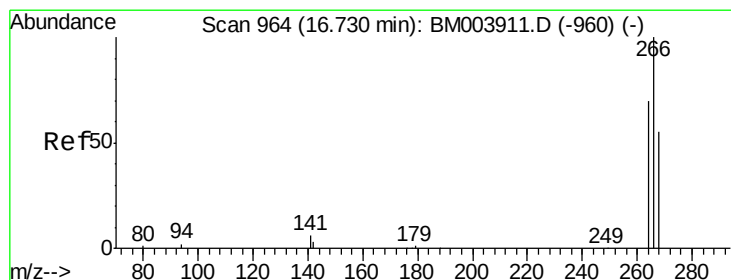
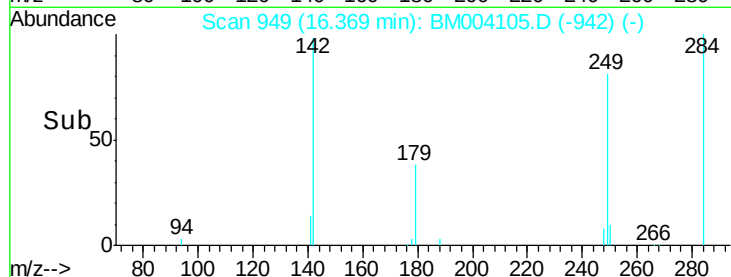
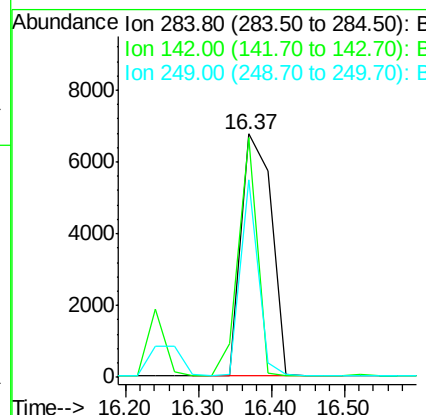
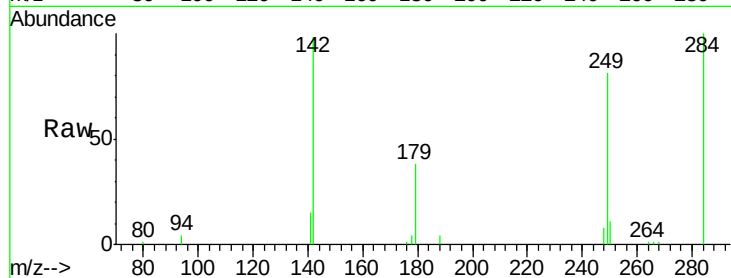




#21
Hexachlorobenzene
Concen: 3.09 ng
RT: 16.37 min Scan# 949
Delta R.T. -0.03 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

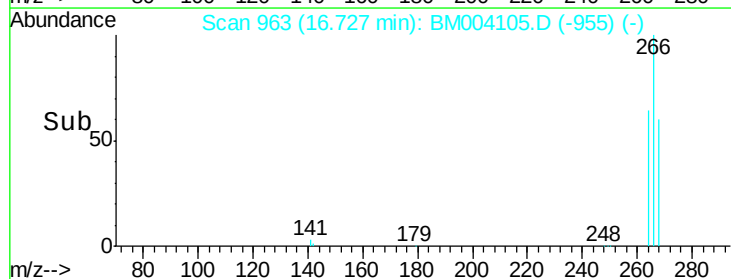
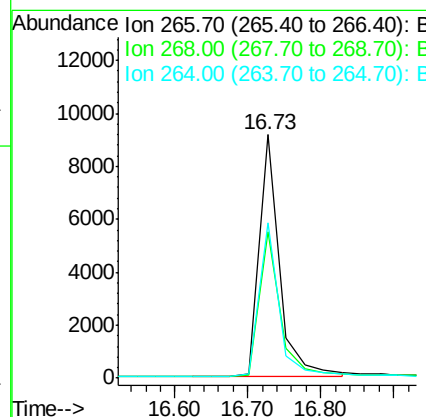
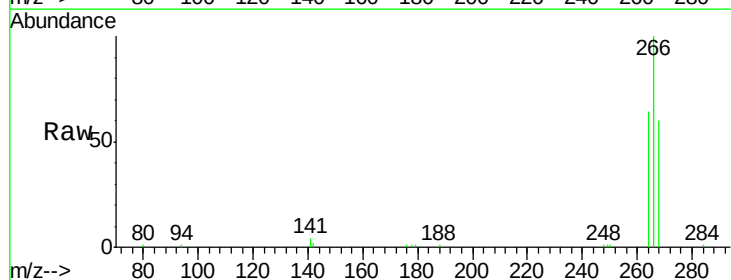
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

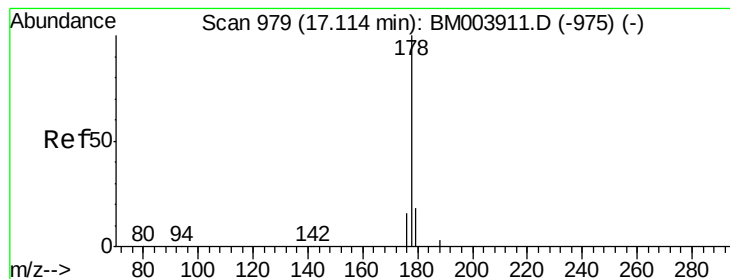
Tgt Ion: 284 Resp: 19179
Ion Ratio Lower Upper
284 100
142 60.2 0.0 0.0#
249 46.8 21.5 32.3#



#22
Pentachlorophenol
Concen: 6.73 ng
RT: 16.73 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

Tgt Ion: 266 Resp: 17750
Ion Ratio Lower Upper
266 100
268 60.3 62.7 94.1#
264 64.0 45.7 68.5





#23

Phenanthrene

Concen: 4.24 ng

RT: 17.19 min Scan# 981

Delta R.T. 0.07 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampled :

SSTDIC0.8

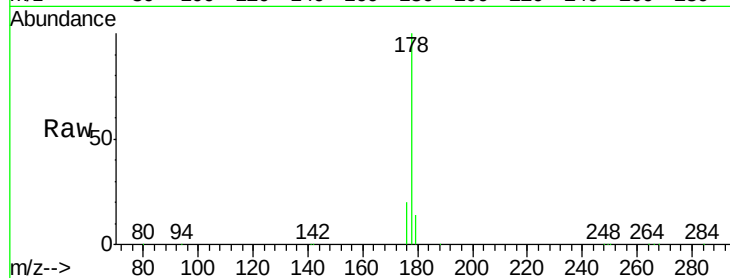
Tgt Ion:178 Resp: 146603

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

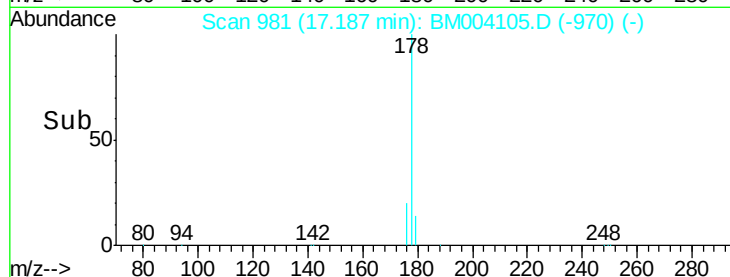
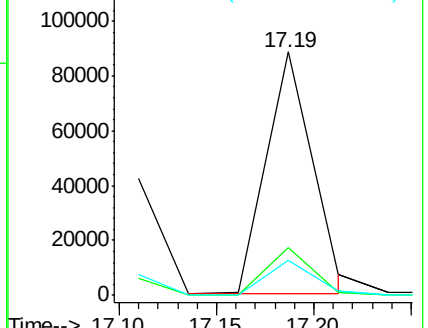
179 14.6 12.2 18.4



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



#24

Anthracene

Concen: 3.95 ng

RT: 17.19 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

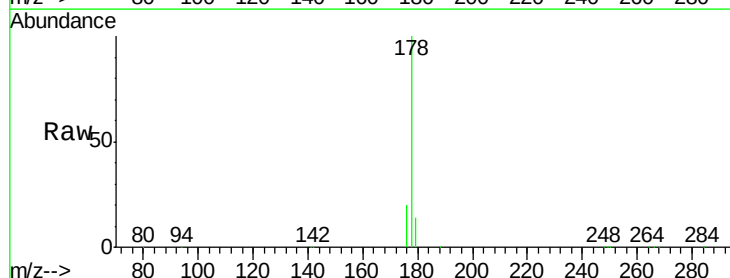
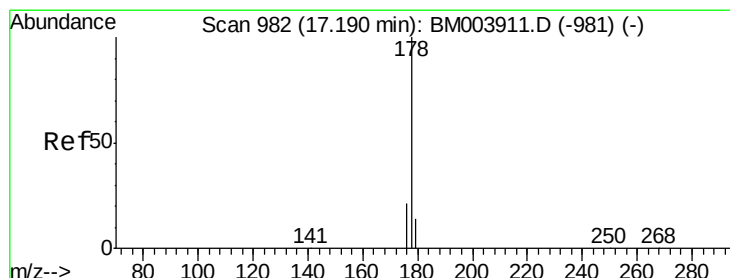
Tgt Ion:178 Resp: 149918

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

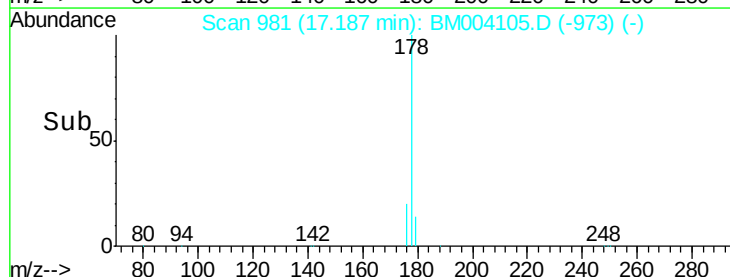
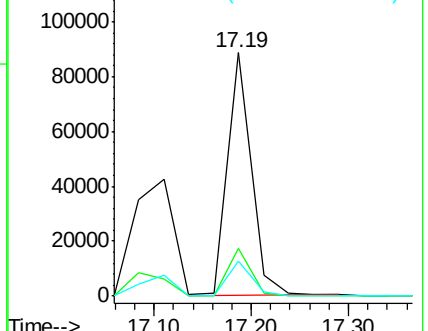
179 14.6 12.6 19.0

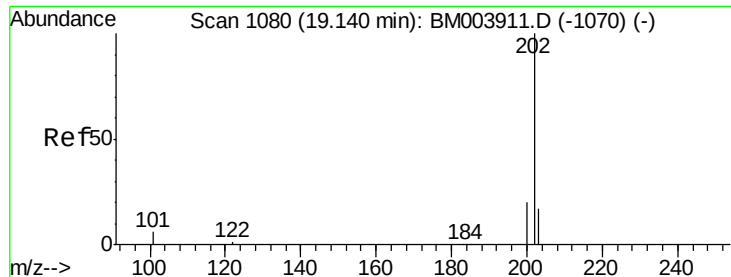


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

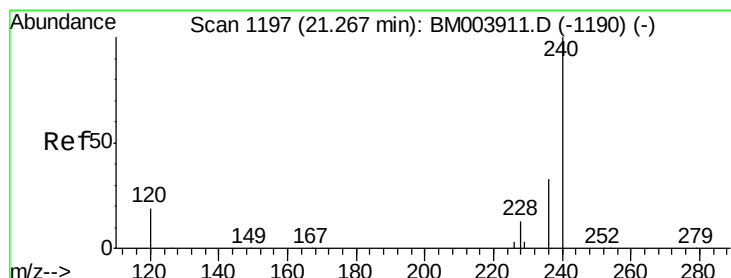
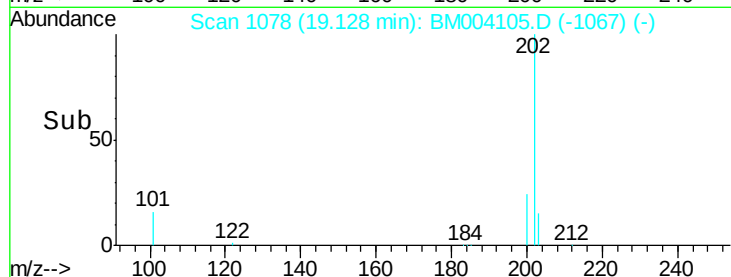
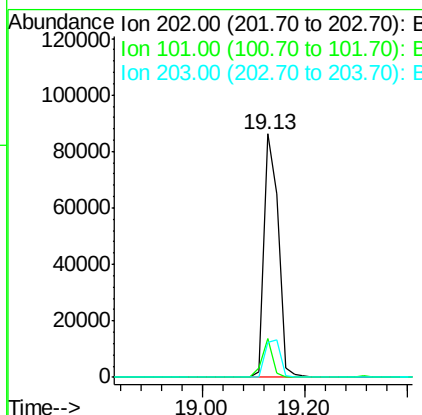
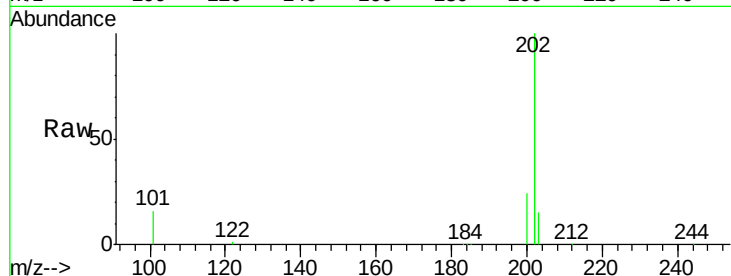




#25
 Fluoranthene
 Concen: 3.89 ng
 RT: 19.13 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

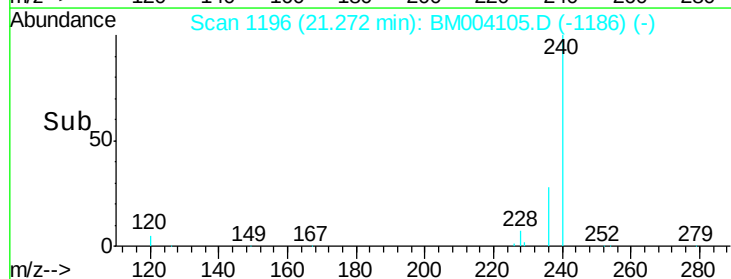
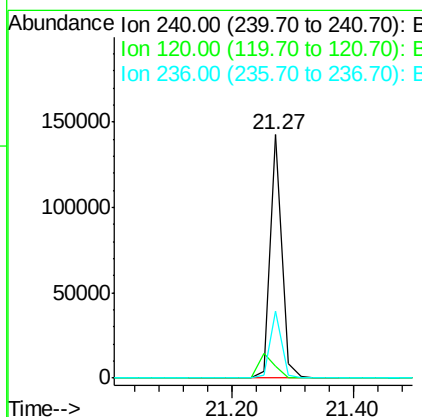
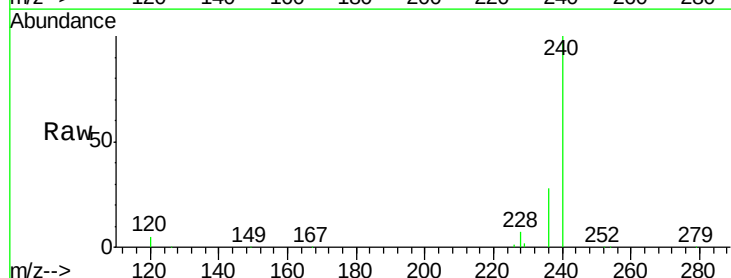
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

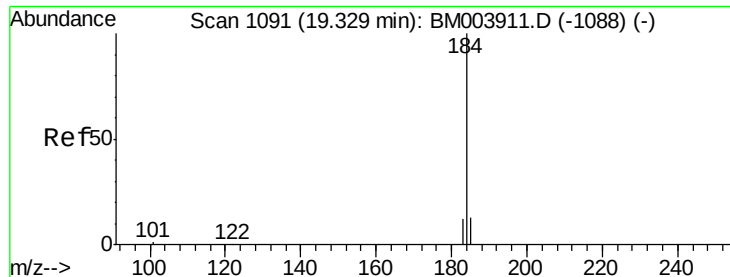
Tgt Ion: 202 Resp: 163304
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.7 14.5
 203 17.3 13.8 20.8



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.27 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

Tgt Ion: 240 Resp: 193088
 Ion Ratio Lower Upper
 240 100
 120 5.0 0.9 1.3#
 236 27.8 17.3 25.9#

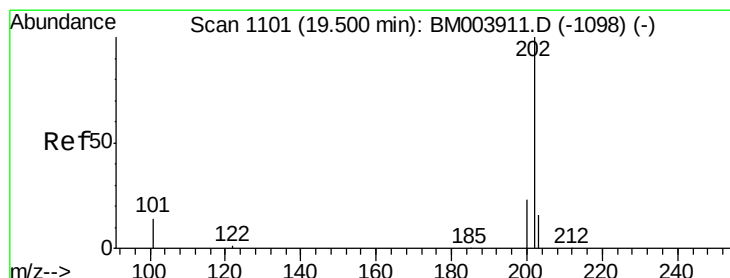
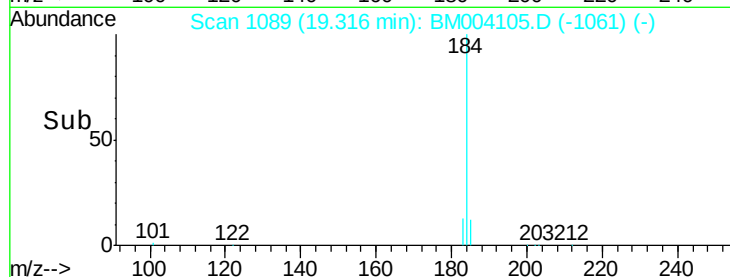
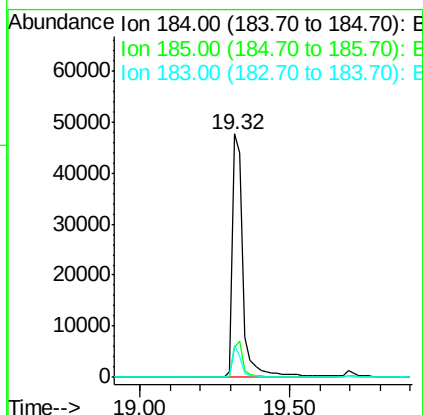
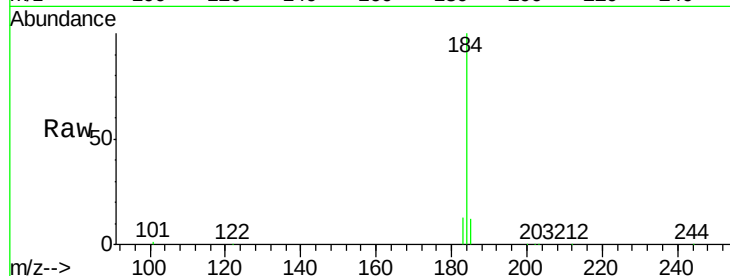




#27
Benzidine
Concen: 5.12 ng
RT: 19.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

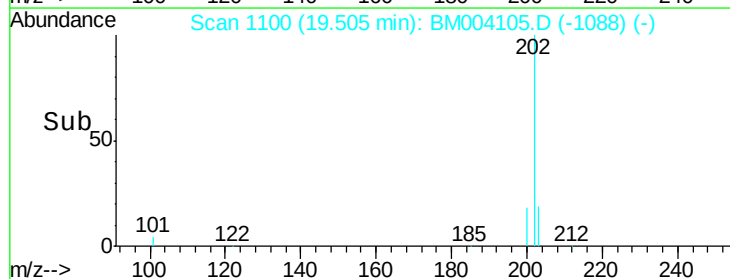
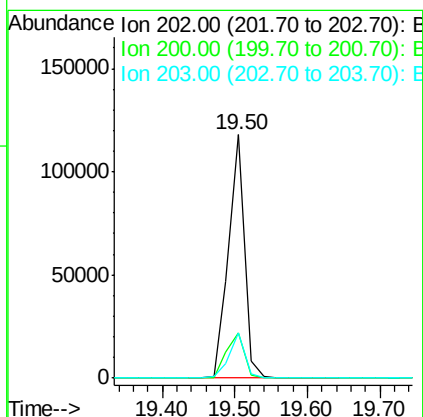
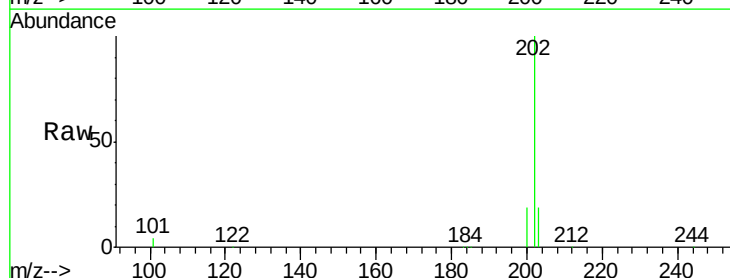
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

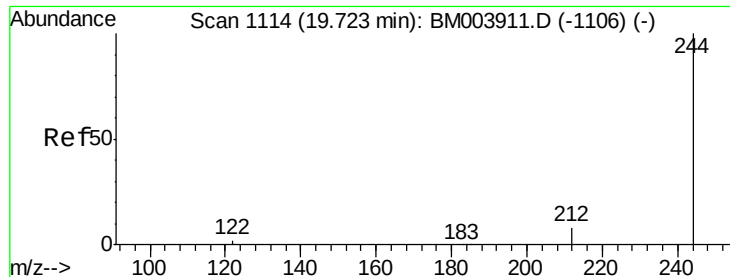
Tgt Ion:184 Resp: 116851
Ion Ratio Lower Upper
184 100
185 12.1 13.2 19.8#
183 13.1 9.0 13.6



#28
Pyrene
Concen: 2.60 ng
RT: 19.50 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM004105.D
Acq: 21 Jan 2016 18:41

Tgt Ion:202 Resp: 180370
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 18.0 14.0 21.0





#29

Terphenyl-d14

Concen: 2.86 ng

RT: 19.71 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

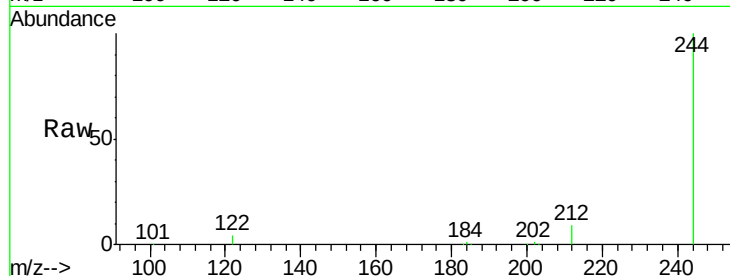
Tgt Ion:244 Resp: 89296

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

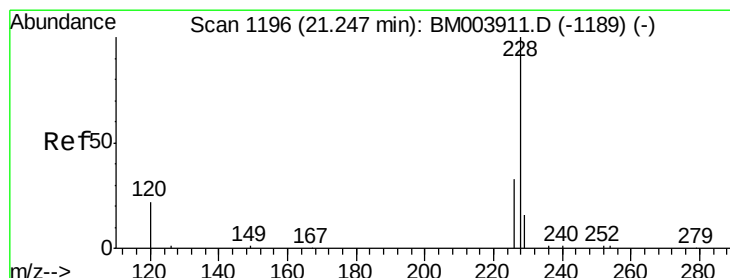
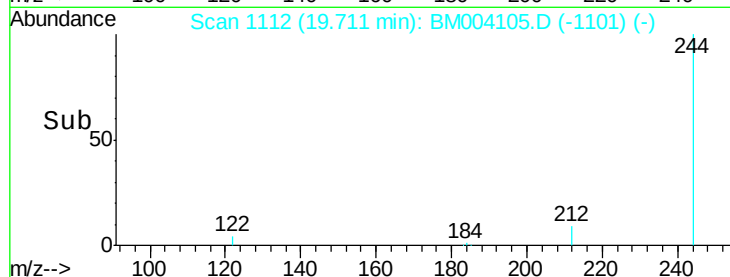
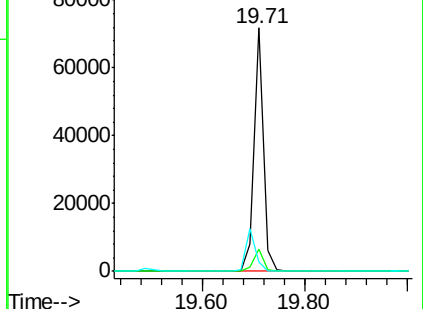
122 3.8 3.0 4.6



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



#30

Benzo(a)anthracene

Concen: 4.56 ng

RT: 21.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

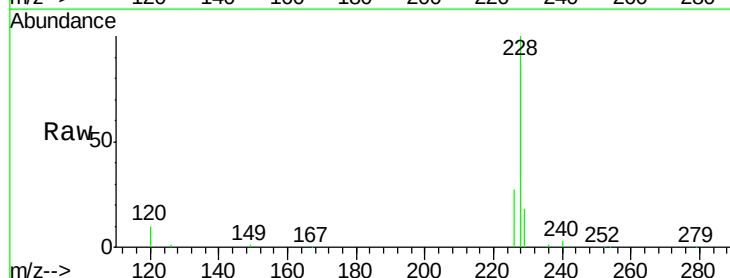
Tgt Ion:228 Resp: 250004

Ion Ratio Lower Upper

228 100

226 27.2 17.2 25.8#

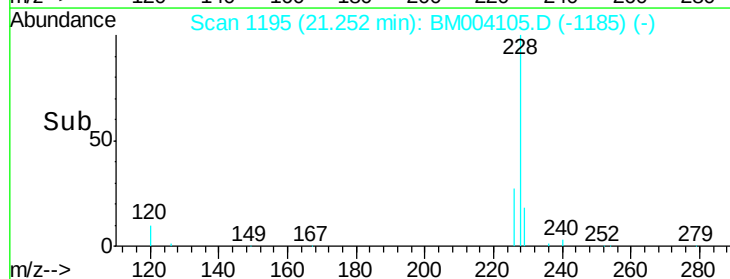
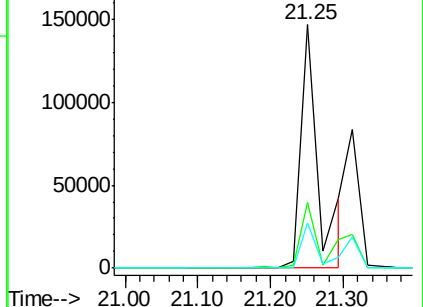
229 18.5 18.7 28.1#

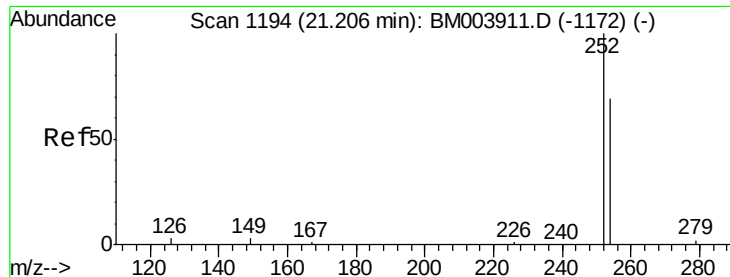


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

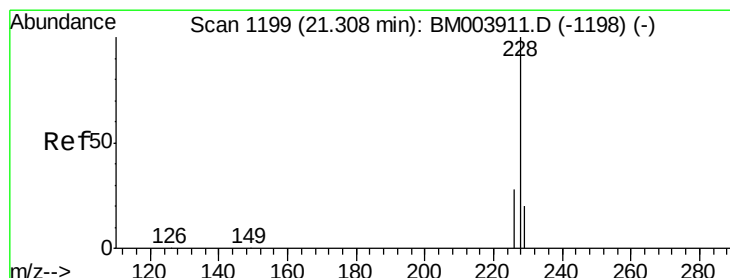
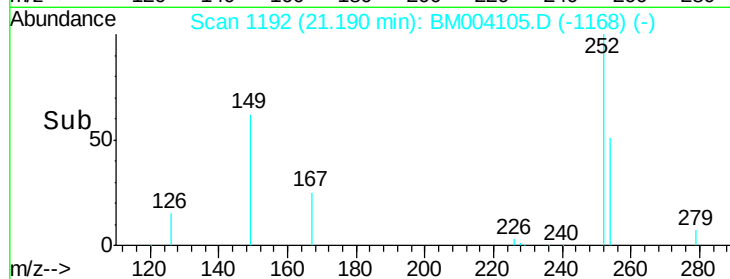
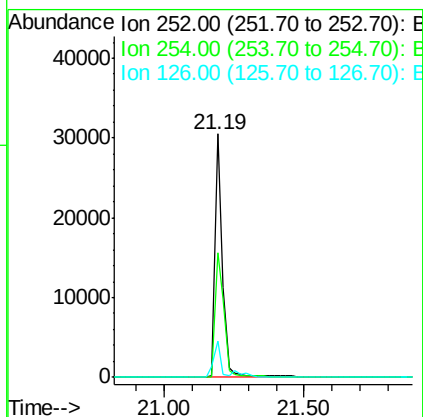
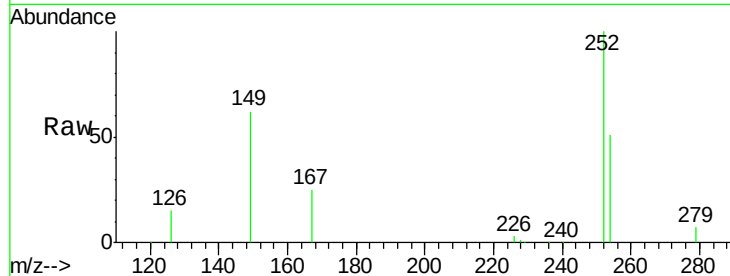




#31
 3,3'-Dichlorobenzidine
 Concen: 3.30 ng
 RT: 21.19 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

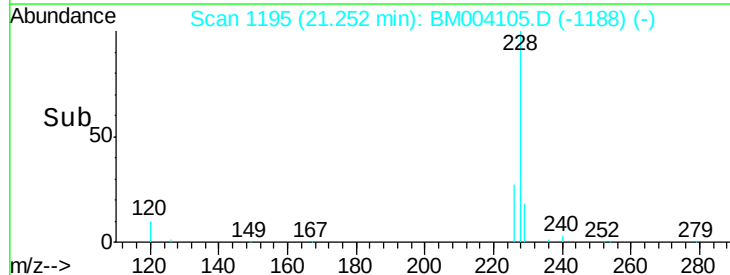
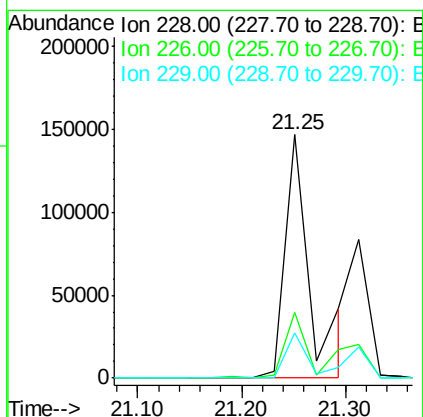
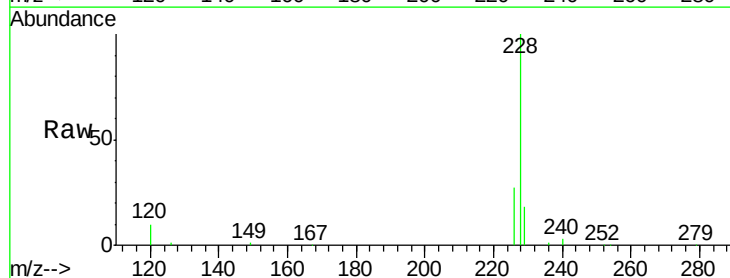
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

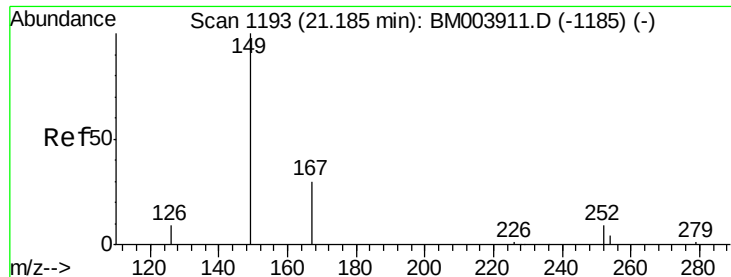
Tgt Ion: 252 Resp: 55352
 Ion Ratio Lower Upper
 252 100
 254 51.1 52.6 79.0#
 126 14.8 3.7 5.5#



#32
 Chrysene
 Concen: 4.39 ng
 RT: 21.25 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

Tgt Ion: 228 Resp: 250005
 Ion Ratio Lower Upper
 228 100
 226 27.2 25.3 37.9
 229 18.5 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.64 ng

RT: 21.17 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

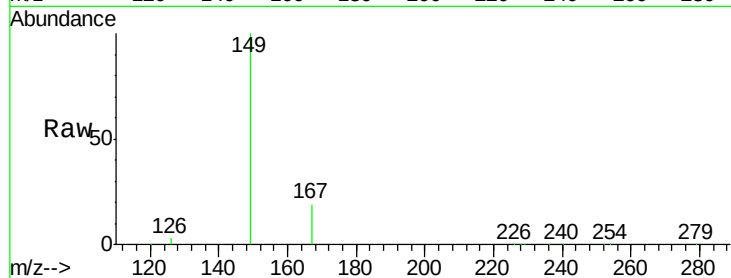
Tgt Ion:149 Resp: 81478

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

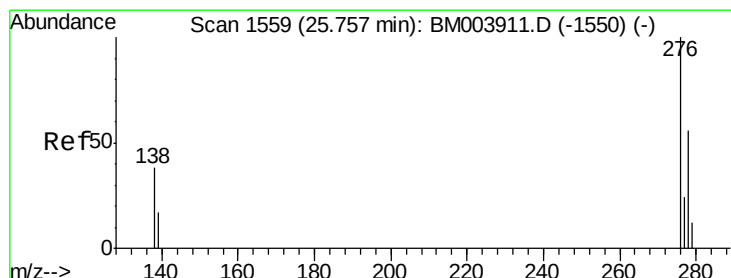
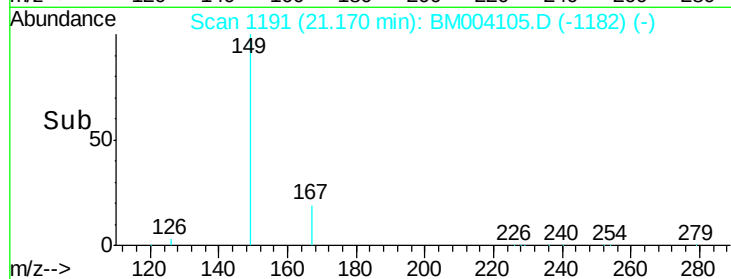
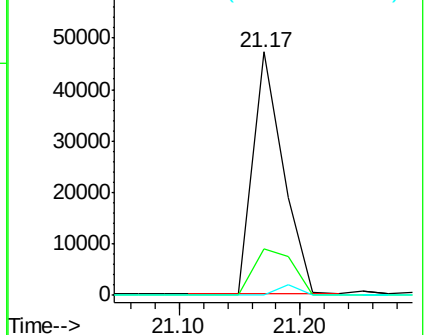
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.66 ng

RT: 25.75 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

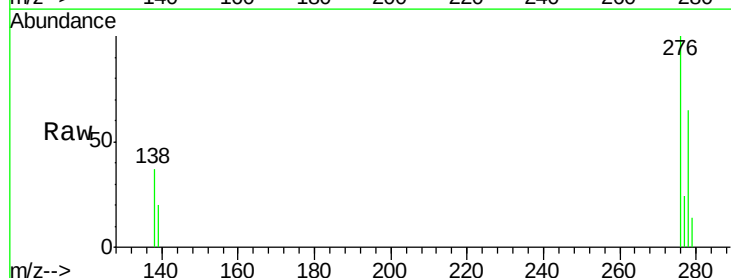
Tgt Ion:276 Resp: 190128

Ion Ratio Lower Upper

276 100

138 37.6 30.2 45.2

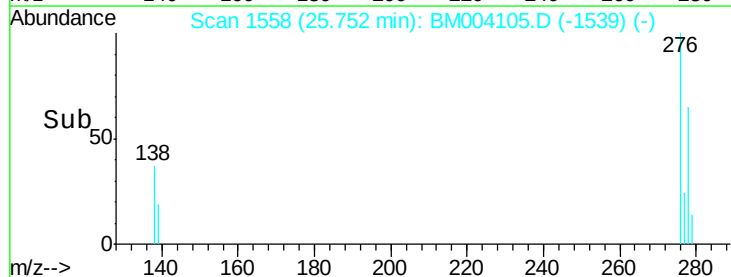
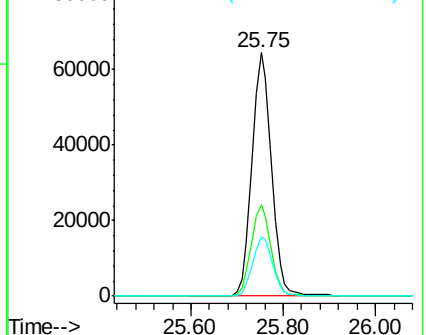
277 24.7 19.8 29.8

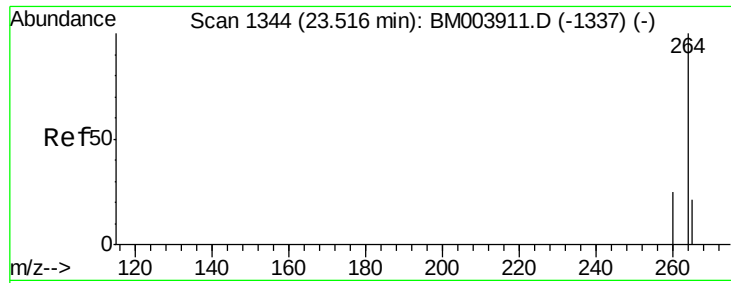


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

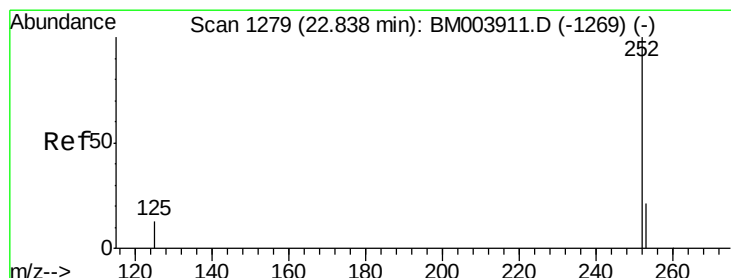
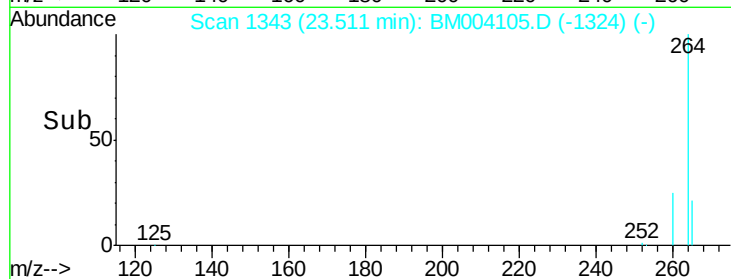
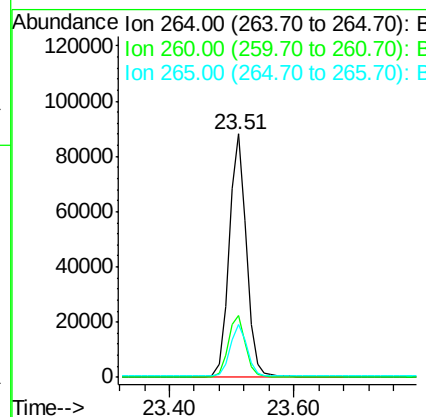
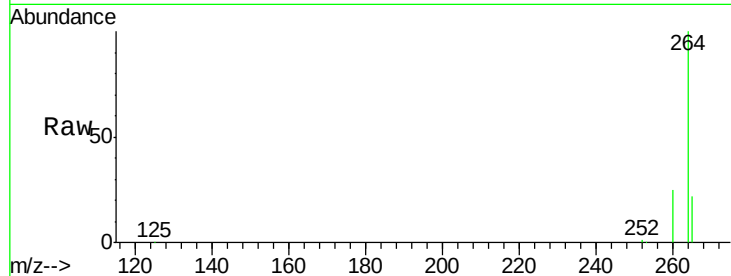




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

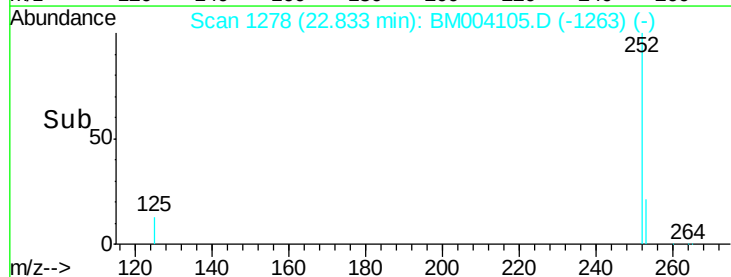
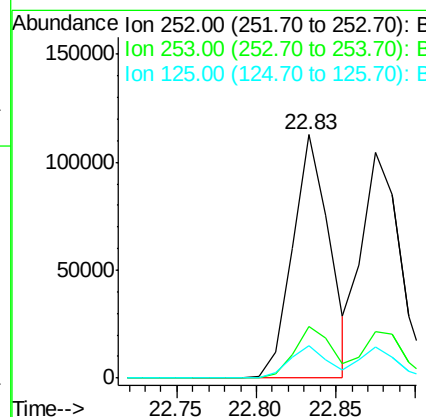
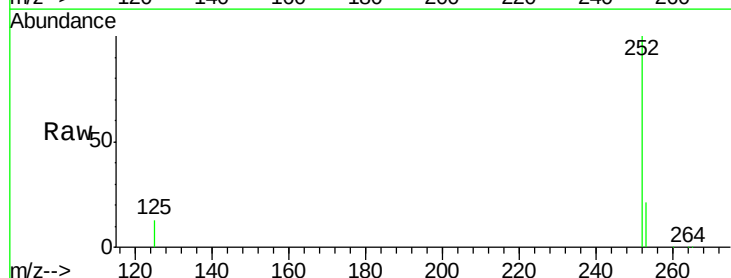
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

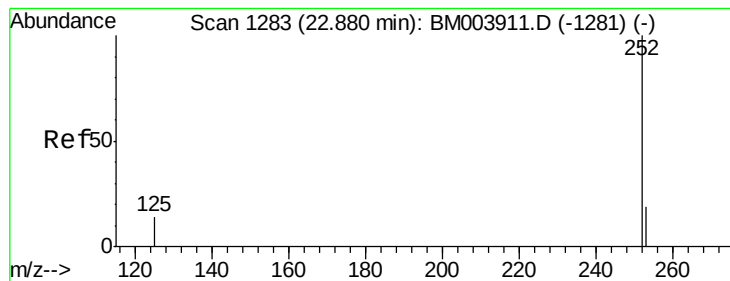
Tgt Ion: 264 Resp: 170049
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.2 31.8
 265 21.7 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 3.48 ng
 RT: 22.83 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BM004105.D
 Acq: 21 Jan 2016 18:41

Tgt Ion: 252 Resp: 181063
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.8 28.2
 125 13.3 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 3.48 ng

RT: 22.87 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

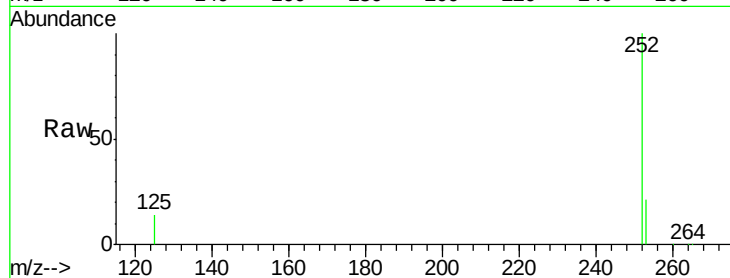
Tgt Ion:252 Resp: 175367

Ion Ratio Lower Upper

252 100

253 20.6 18.3 27.5

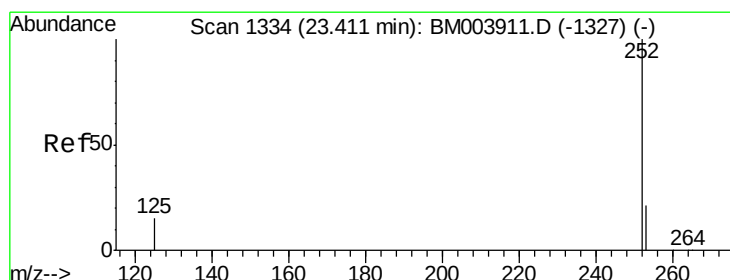
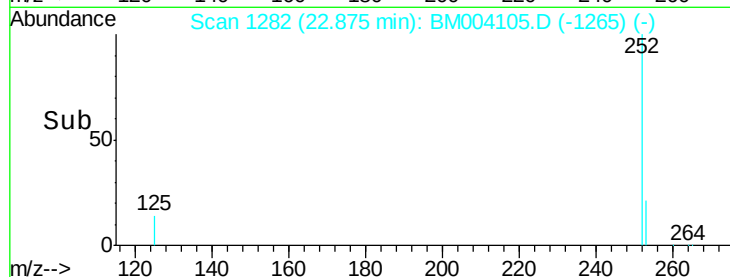
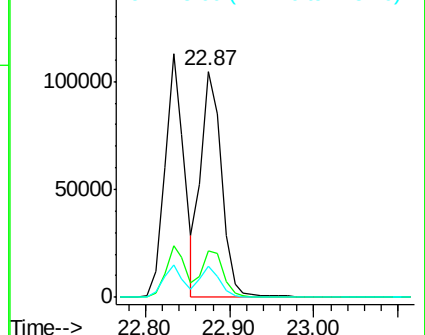
125 13.7 10.6 15.8



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



#38

Benzo(a)pyrene

Concen: 3.87 ng

RT: 23.41 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

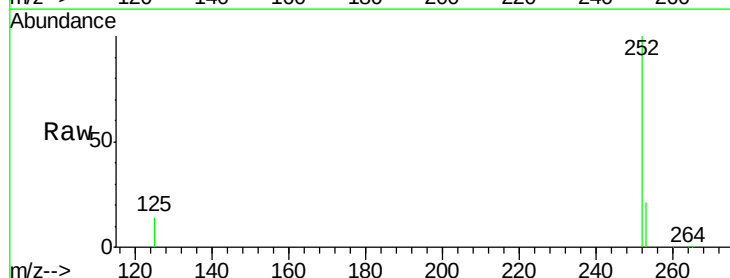
Tgt Ion:252 Resp: 171385

Ion Ratio Lower Upper

252 100

253 21.4 18.7 28.1

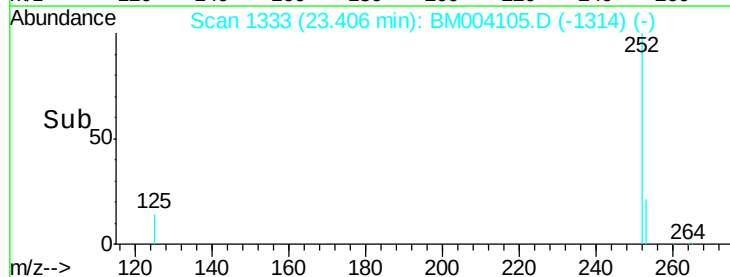
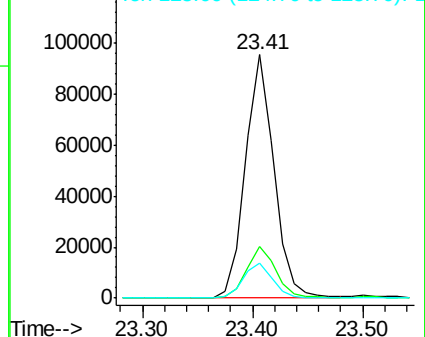
125 14.4 11.8 17.8

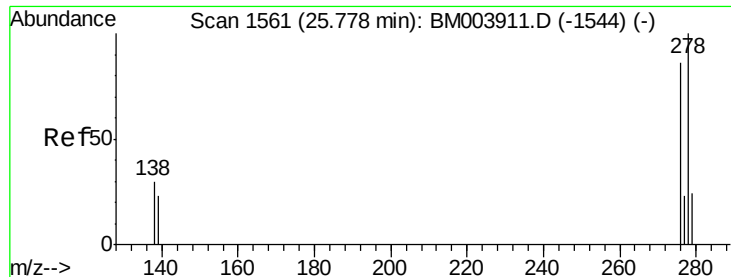


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.04 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

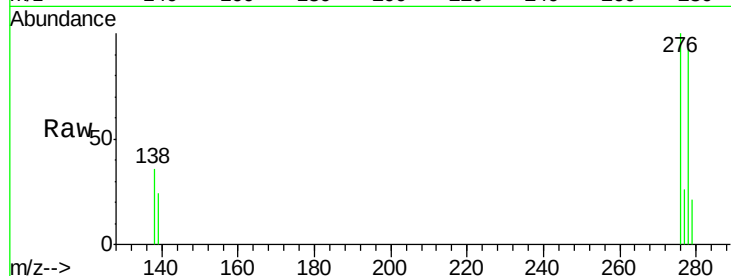
Tgt Ion: 278 Resp: 152499

Ion Ratio Lower Upper

278 100

139 25.4 19.0 28.6

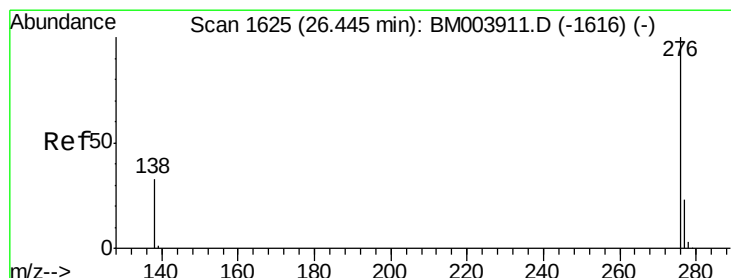
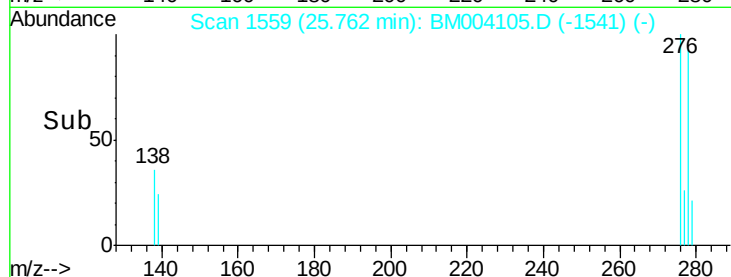
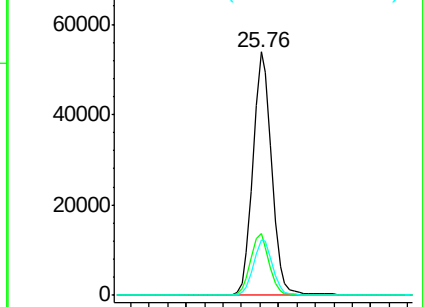
279 23.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.02 ng

RT: 26.44 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM004105.D

Acq: 21 Jan 2016 18:41

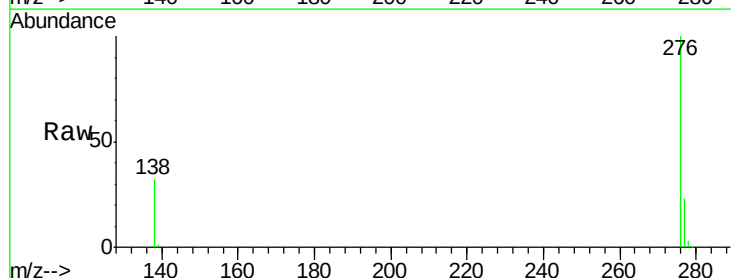
Tgt Ion: 276 Resp: 160845

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 32.5 25.0 37.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

