

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112715\
 Data File : BM003305.D
 Acq On : 27 Nov 2015 13:43
 Operator : UM/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Nov 27 14:22:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 13:43:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	60654	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	237846	5.00	ng	-0.01
13) Acenaphthene-d10	14.38	164	117303	5.00	ng	-0.02
19) Phenanthrene-d10	17.12	188	272545	5.00	ng	-0.03
26) Chrysene-d12	21.32	240	225246	5.00	ng	-0.02
35) Perylene-d12	23.58	264	177586	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	11658	0.97	ng	-0.03
5) Phenol-d6	6.90	99	13304	1.01	ng	-0.02
8) Nitrobenzene-d5	8.89	82	10061	0.98	ng	-0.03
14) 2,4,6-Tribromophenol	15.87	330	2065	1.12	ng	-0.02
15) 2-Fluorobiphenyl	13.00	172	34988	0.86	ng	-0.02
29) Terphenyl-d14	19.76	244	28700	0.87	ng	-0.02

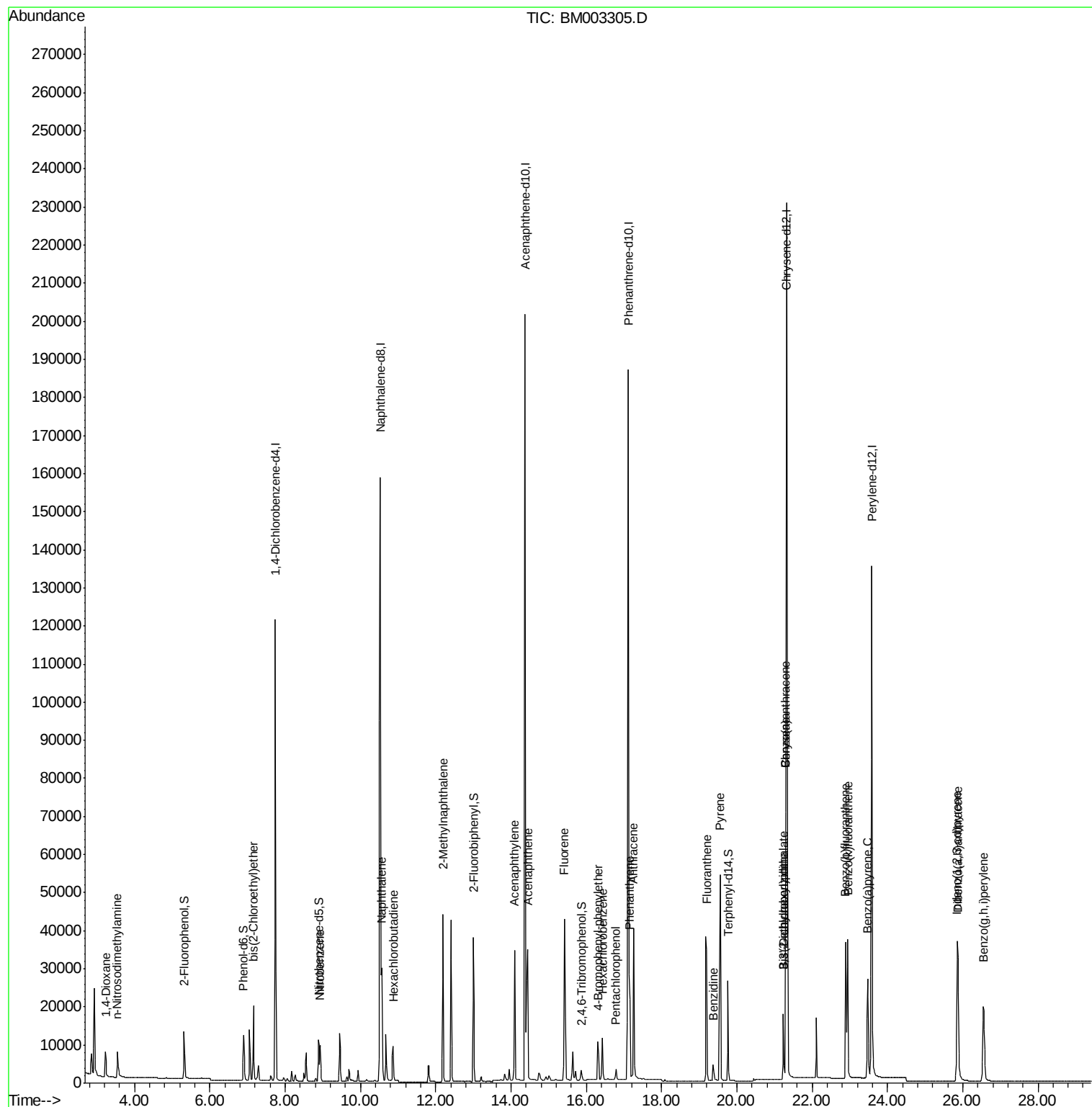
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	5743	0.89	ng	99
3) n-Nitrosodimethylamine	3.54	42	5628	1.00	ng	97
6) bis(2-Chloroethyl)ether	7.16	93	13675	0.95	ng	99
9) Nitrobenzene	8.93	77	10942	1.00	ng	99
10) Naphthalene	10.56	128	50692	0.94	ng	98
11) Hexachlorobutadiene	10.87	225	8160	0.93	ng	99
12) 2-Methylnaphthalene	12.19	142	31879	0.97	ng	98
16) Acenaphthylene	14.09	152	41328	1.04	ng	100
17) Acenaphthene	14.45	154	28651	0.79	ng	# 100
18) Fluorene	15.42	166	32011	0.94	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	6844	0.68	ng	# 37
21) Hexachlorobenzene	16.43	284	8747	0.87	ng	# 63
22) Pentachlorophenol	16.79	266	2423	0.72	ng	# 82
23) Phenanthrene	17.15	178	49808	0.72	ng	# 85
24) Anthracene	17.25	178	50800	1.05	ng	98
25) Fluoranthene	19.20	202	52909	0.88	ng	100
27) Benzidine	19.37	184	7361	0.92	ng	# 97
28) Pyrene	19.56	202	57996	0.80	ng	100
30) Benzo(a)anthracene	21.30	228	65509	1.13	ng	# 88
31) 3,3'-Dichlorobenzidine	21.24	252	8283	0.81	ng	# 79
32) Chrysene	21.30	228	65513	0.85	ng	96
33) Bis(2-ethylhexyl)phthalate	21.24	149	14125	0.58	ng	# 93
34) Indeno(1,2,3-cd)pyrene	25.85	276	45443	0.89	ng	# 81
36) Benzo(b)fluoranthene	22.89	252	52225	1.06	ng	95
37) Benzo(k)fluoranthene	22.95	252	43490	0.85	ng	99
38) Benzo(a)pyrene	23.48	252	38747	1.01	ng	97
39) Dibenzo(a,h)anthracene	25.88	278	34767	1.10	ng	97
40) Benzo(g,h,i)perylene	26.55	276	41027	0.98	ng	94

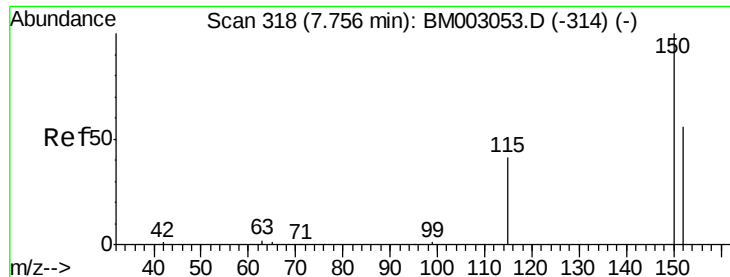
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.74 min Scan# 317

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

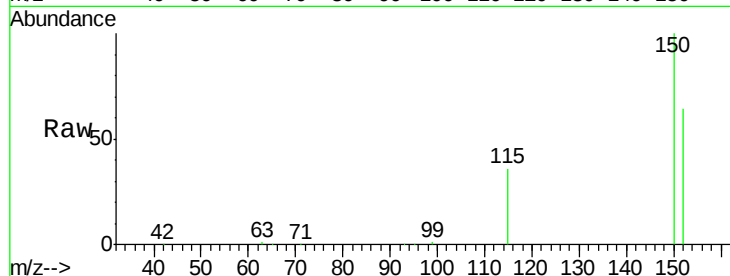
Tgt Ion:152 Resp: 60654

Ion Ratio Lower Upper

152 100

150 155.7 143.6 215.4

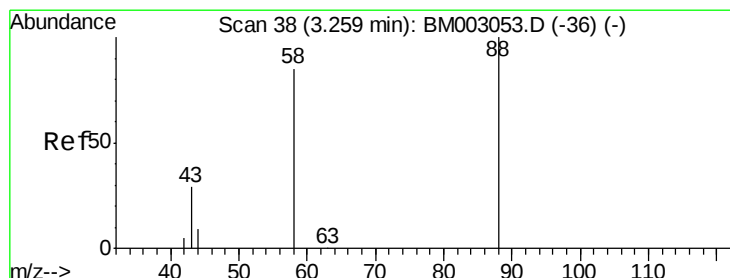
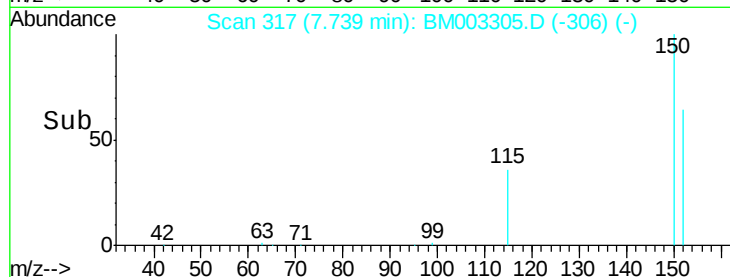
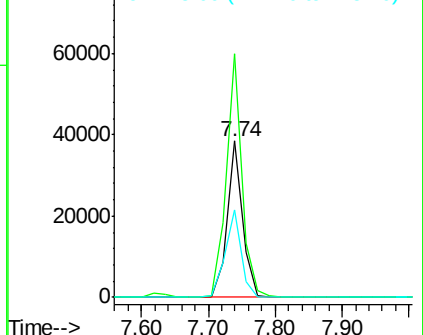
115 55.9 58.5 87.7#



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: 0.89 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

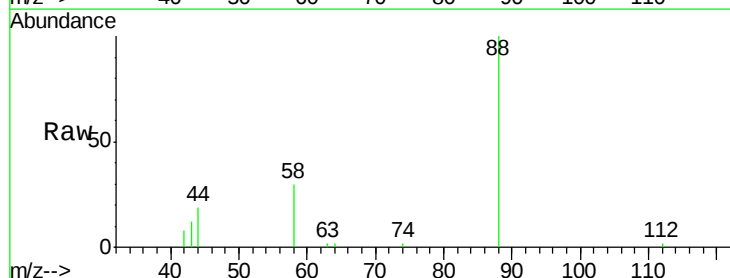
Tgt Ion: 88 Resp: 5743

Ion Ratio Lower Upper

88 100

58 69.4 55.2 82.8

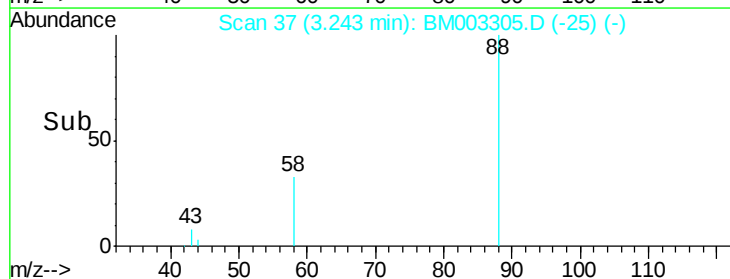
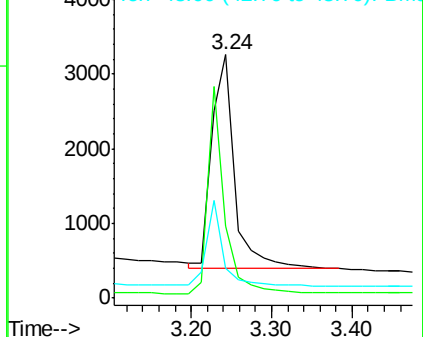
43 28.7 21.8 32.6

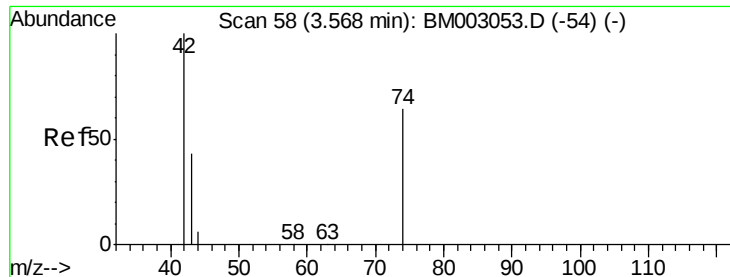


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.00 ng

RT: 3.54 min Scan# 56

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

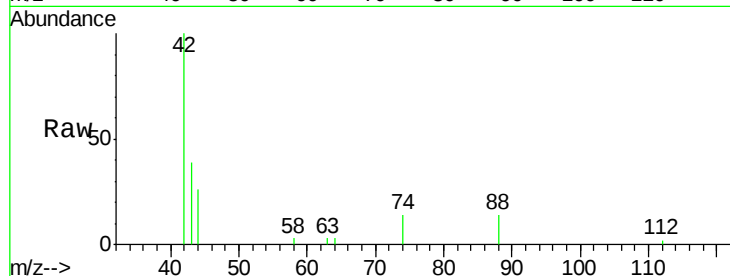
Tgt Ion: 42 Resp: 5628

Ion Ratio Lower Upper

42 100

74 122.4 101.0 151.4

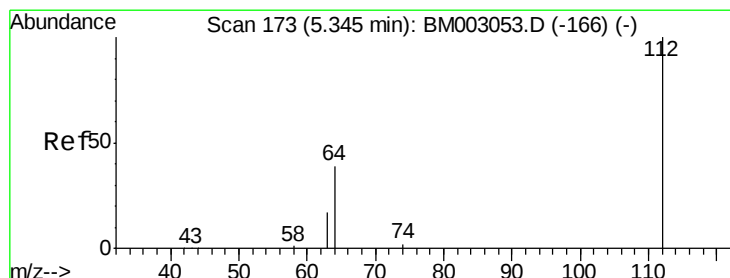
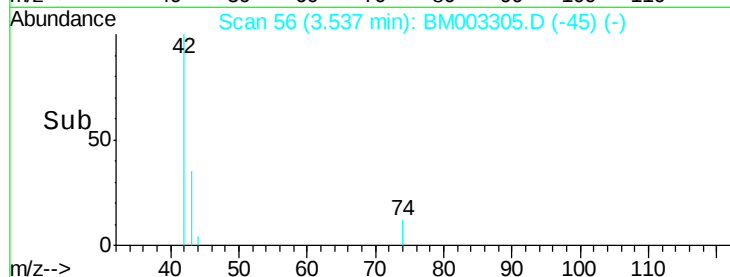
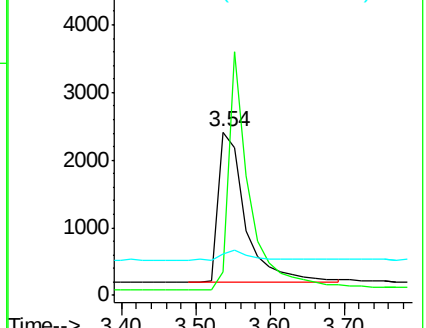
44 6.8 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003305.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BM003305.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BM003305.D (-54) (-)



#4

2-Fluorophenol

Concen: 0.97 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

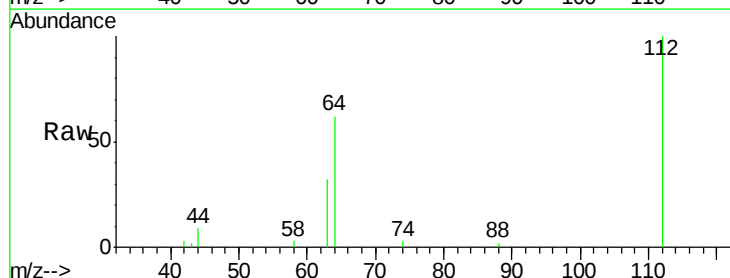
Tgt Ion: 112 Resp: 11658

Ion Ratio Lower Upper

112 100

64 51.9 41.2 61.8

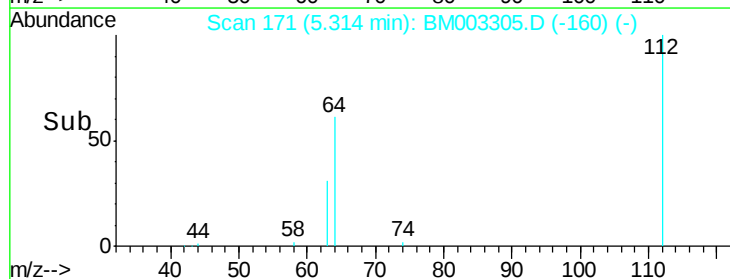
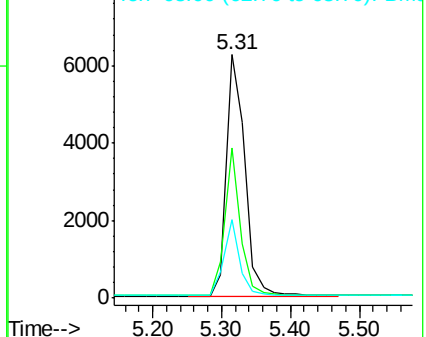
63 27.0 21.2 31.8

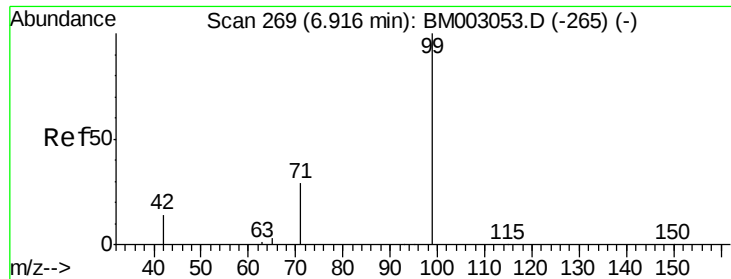


Abundance Ion 112.00 (111.70 to 112.70): BM003305.D (-166) (-)

Ion 64.00 (63.70 to 64.70): BM003305.D (-166) (-)

Ion 63.00 (62.70 to 63.70): BM003305.D (-166) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

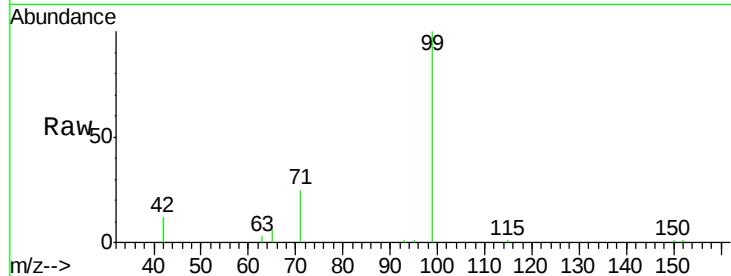
Tgt Ion: 99 Resp: 13304

Ion Ratio Lower Upper

99 100

42 18.9 14.6 22.0

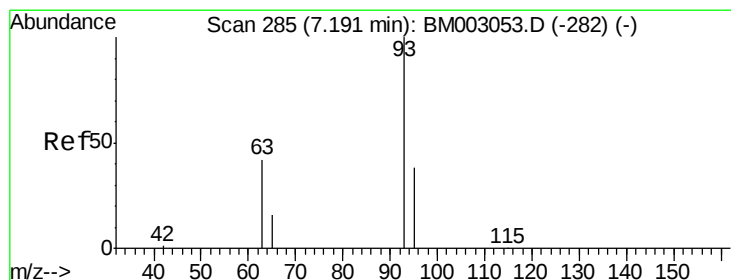
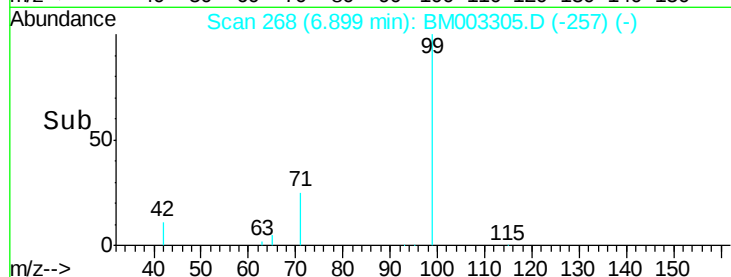
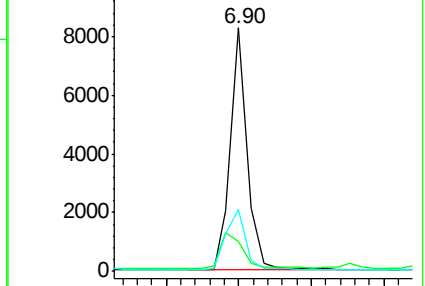
71 29.1 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003305.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM003305.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM003305.D (-265) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.95 ng

RT: 7.16 min Scan# 283

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

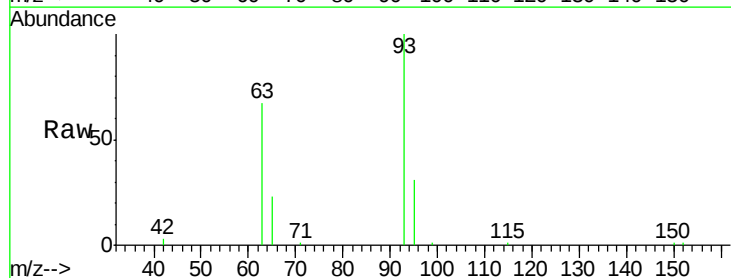
Tgt Ion: 93 Resp: 13675

Ion Ratio Lower Upper

93 100

63 71.7 58.2 87.4

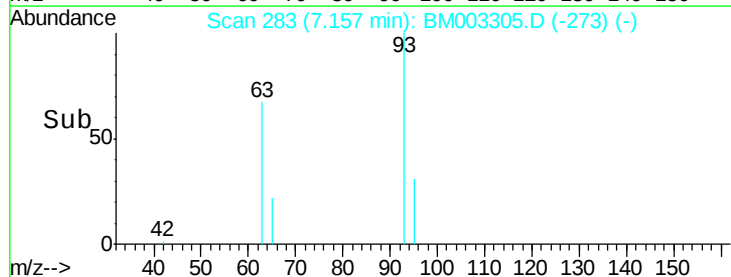
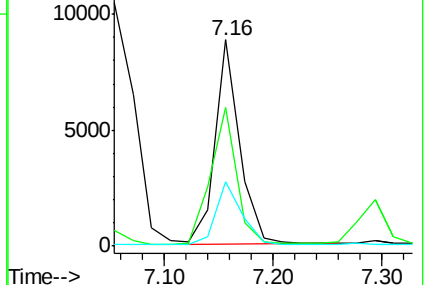
95 32.4 26.2 39.4

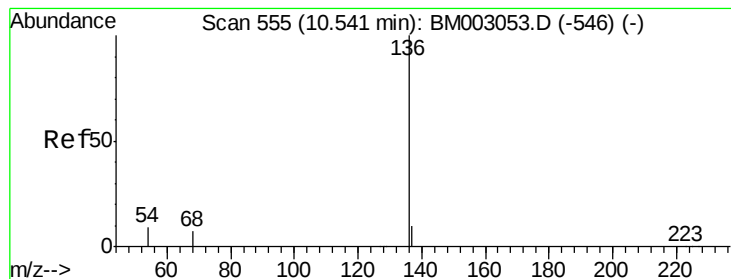


Abundance Ion 93.00 (92.70 to 93.70): BM003305.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BM003305.D (-282) (-)

Ion 95.00 (94.70 to 95.70): BM003305.D (-282) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tgt Ion: 136 Resp: 237846

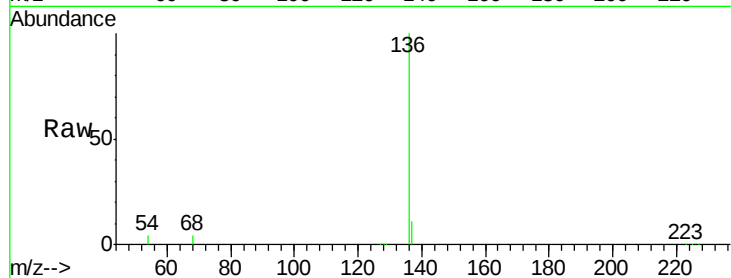
Ion Ratio Lower Upper

136 100

137 11.2 8.0 12.0

54 4.0 7.4 11.0#

68 3.6 5.8 8.6#



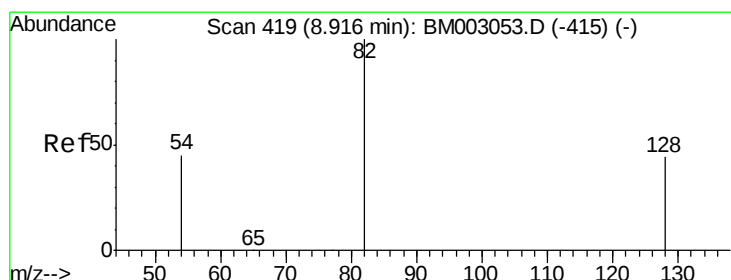
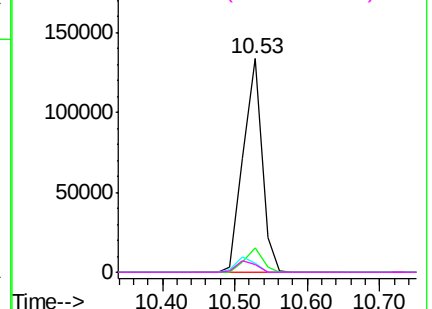
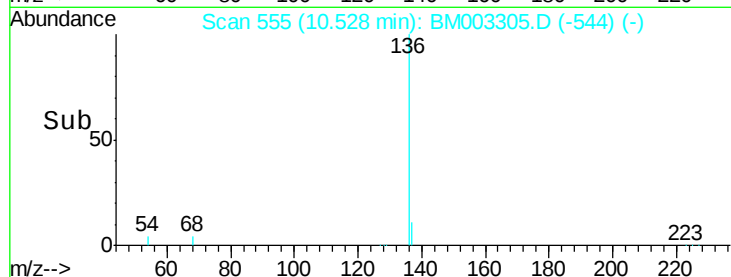
Abundance

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: 0.98 ng

RT: 8.89 min Scan# 417

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

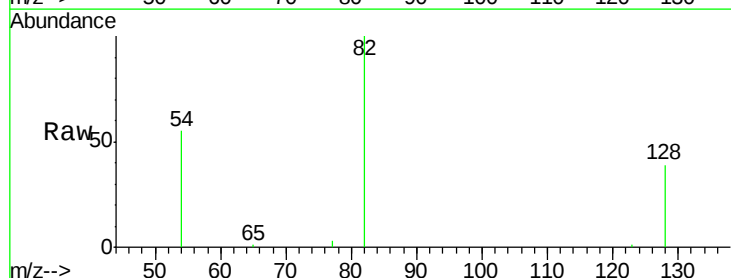
Tgt Ion: 82 Resp: 10061

Ion Ratio Lower Upper

82 100

128 39.1 35.2 52.8

54 54.6 36.4 54.6#

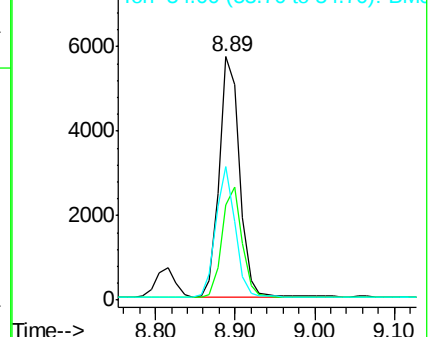
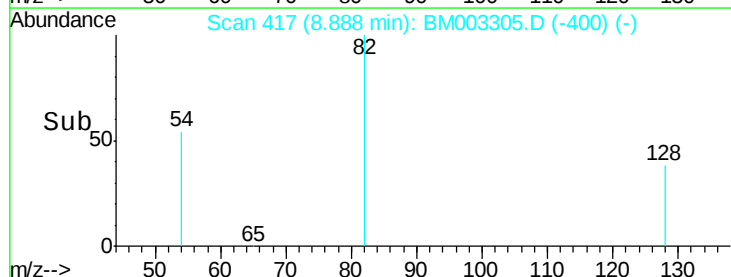


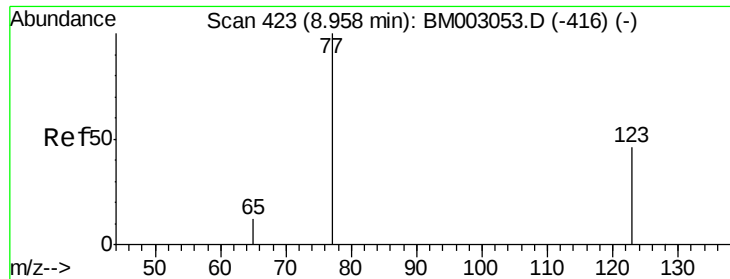
Abundance

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: 1.00 ng

RT: 8.93 min Scan# 421

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

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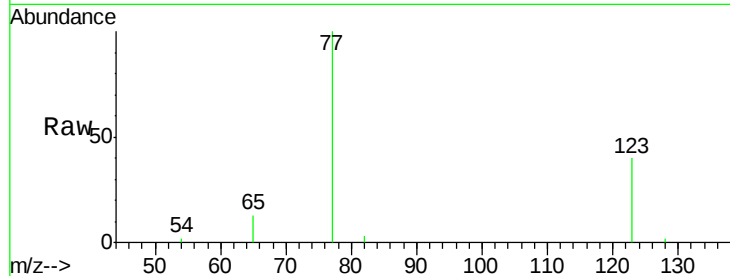
Tgt Ion: 77 Resp: 10942

Ion Ratio Lower Upper

77 100

123 46.6 37.7 56.5

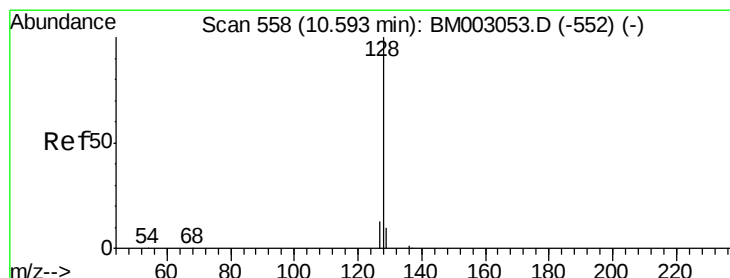
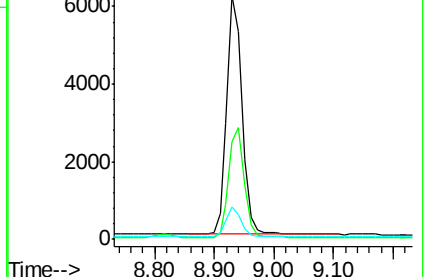
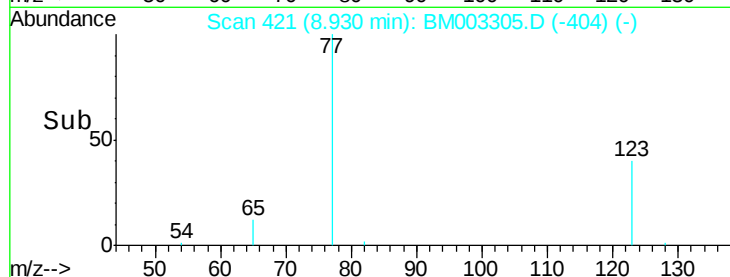
65 12.1 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003305.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM003305.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM003305.D (-416) (-)



#10

Naphthalene

Concen: 0.94 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

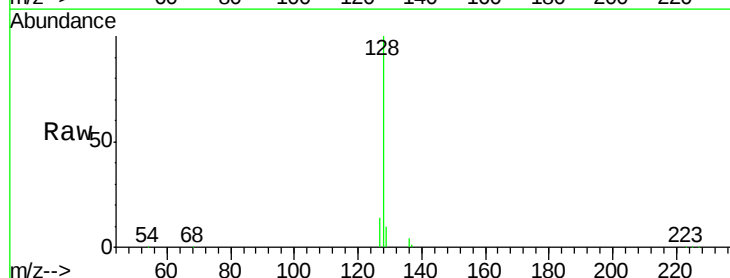
Tgt Ion: 128 Resp: 50692

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

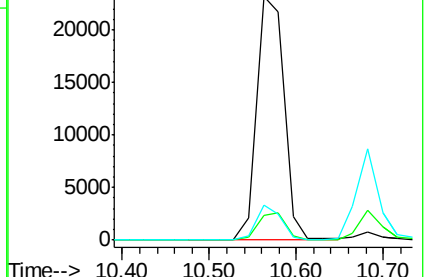
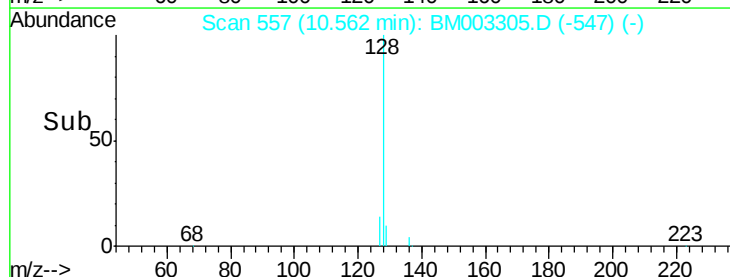
127 14.2 10.6 16.0

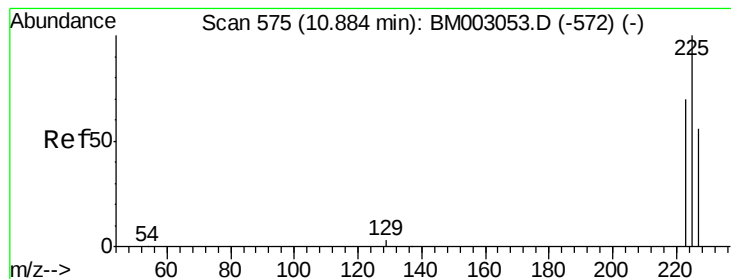


Abundance Ion 128.00 (127.70 to 128.70): BM003305.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM003305.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003305.D (-552) (-)





#11

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.87 min Scan# 575

Delta R.T. -0.01 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

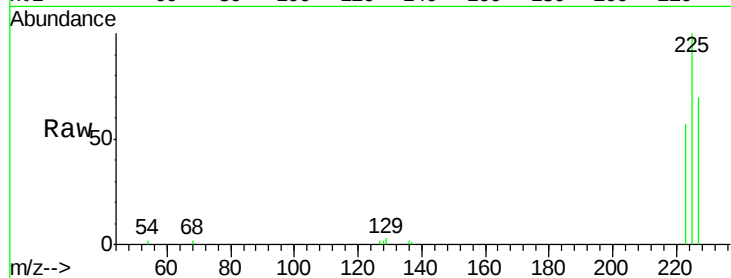
Tgt Ion:225 Resp: 8160

Ion Ratio Lower Upper

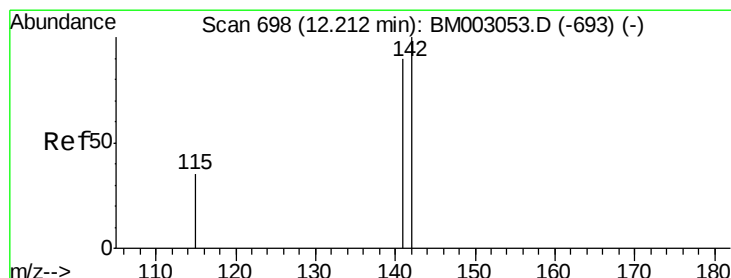
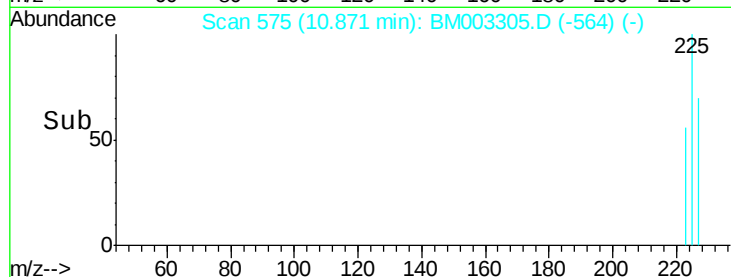
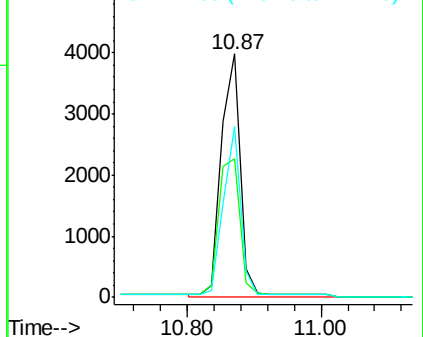
225 100

223 67.0 53.0 79.4

227 66.3 52.2 78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.97 ng

RT: 12.19 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

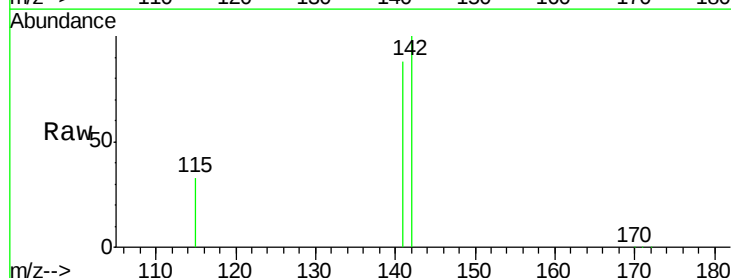
Tgt Ion:142 Resp: 31879

Ion Ratio Lower Upper

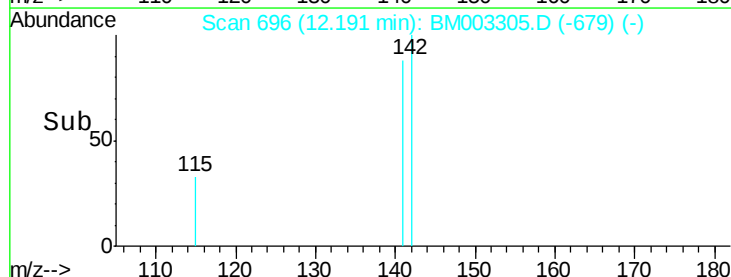
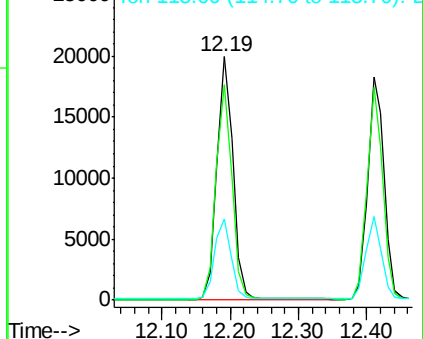
142 100

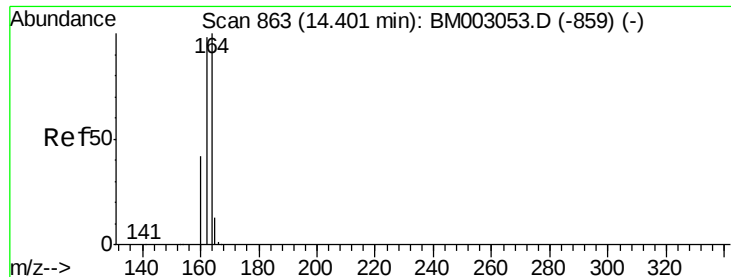
141 88.4 72.2 108.2

115 33.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 862

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

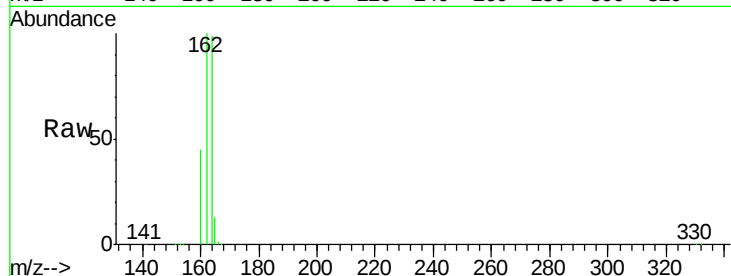
Tgt Ion:164 Resp: 117303

Ion Ratio Lower Upper

164 100

162 101.2 78.3 117.5

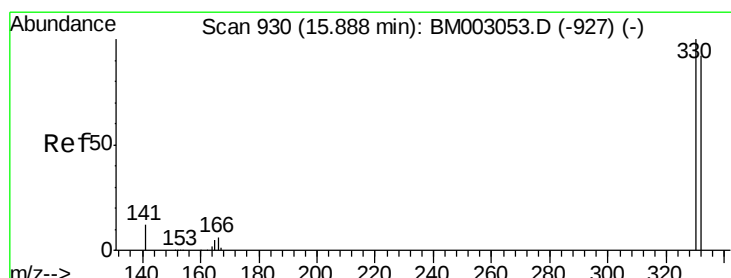
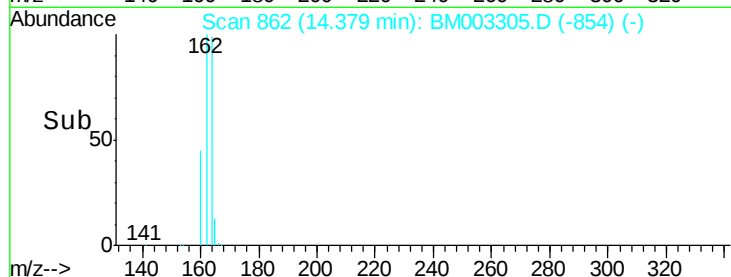
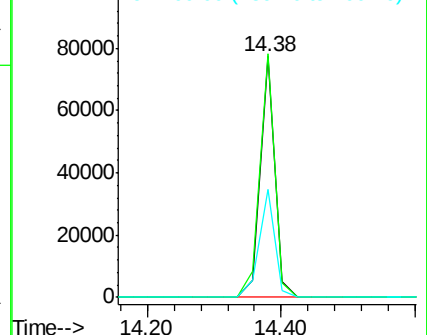
160 45.1 33.8 50.6



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: 1.12 ng

RT: 15.87 min Scan# 929

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

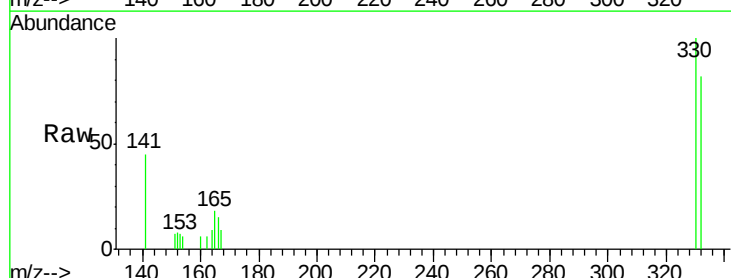
Tgt Ion:330 Resp: 2065

Ion Ratio Lower Upper

330 100

332 94.1 76.0 114.0

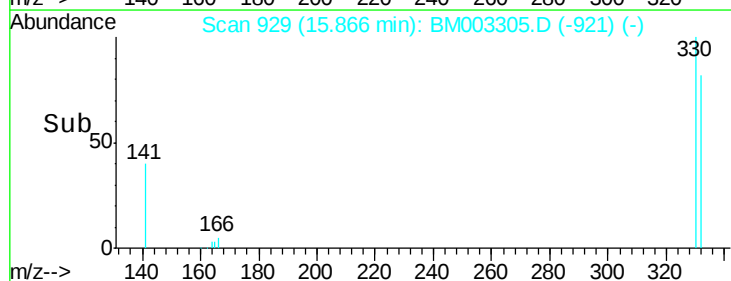
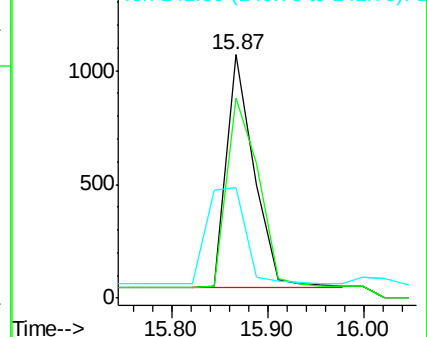
141 56.6 0.0 0.0#

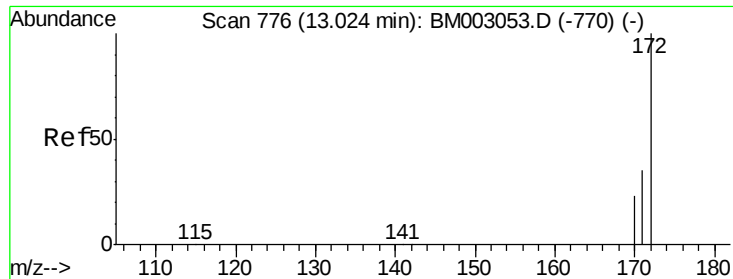


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

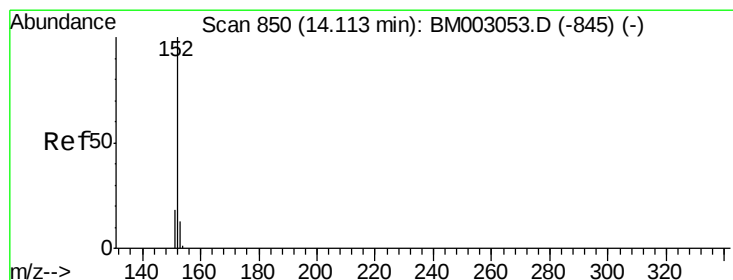
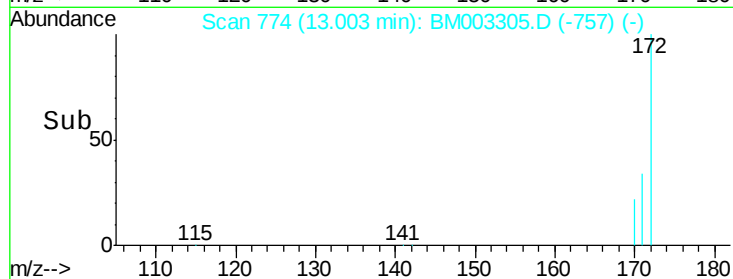
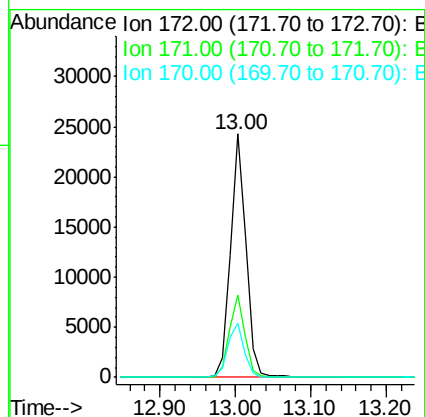
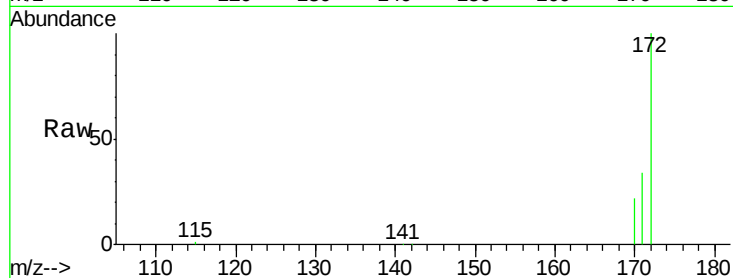




#15
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM003305.D
Acq: 27 Nov 2015 13:43

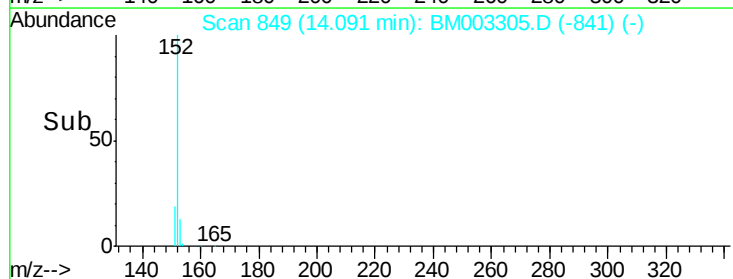
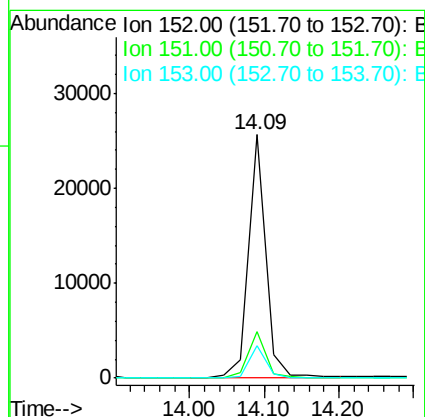
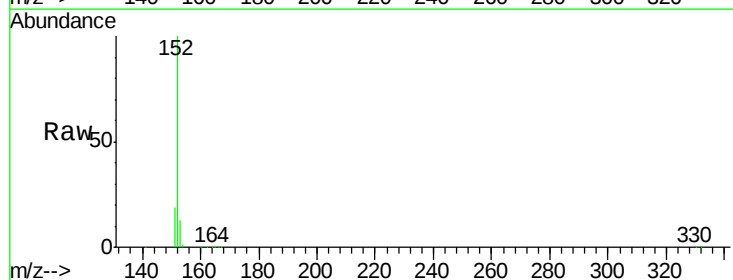
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

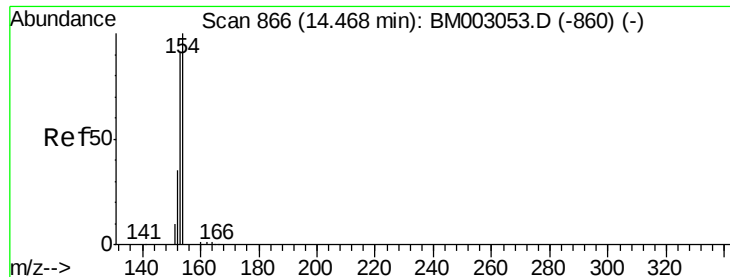
Tgt Ion:172 Resp: 34988
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.3 18.9 28.3



#16
Acenaphthylene
Concen: 1.04 ng
RT: 14.09 min Scan# 849
Delta R.T. -0.02 min
Lab File: BM003305.D
Acq: 27 Nov 2015 13:43

Tgt Ion:152 Resp: 41328
Ion Ratio Lower Upper
152 100
151 19.1 15.2 22.8
153 12.9 10.4 15.6

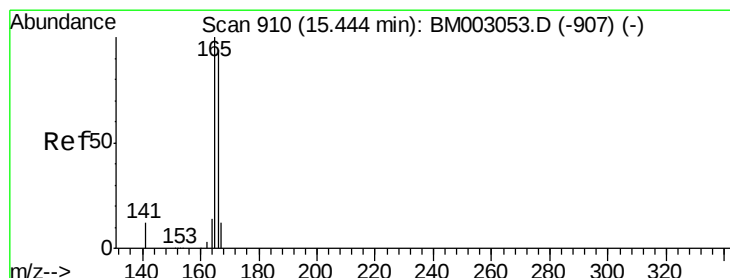
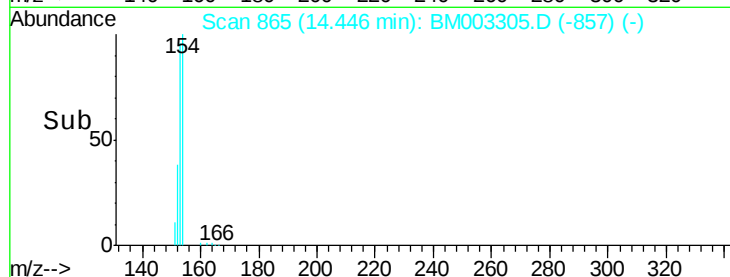
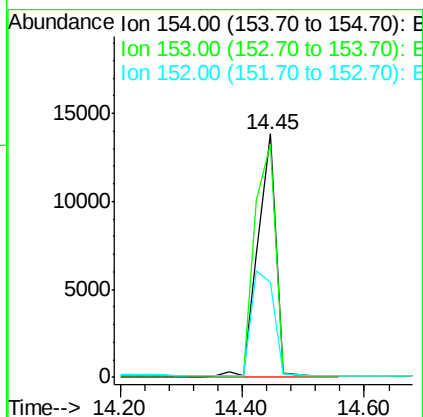
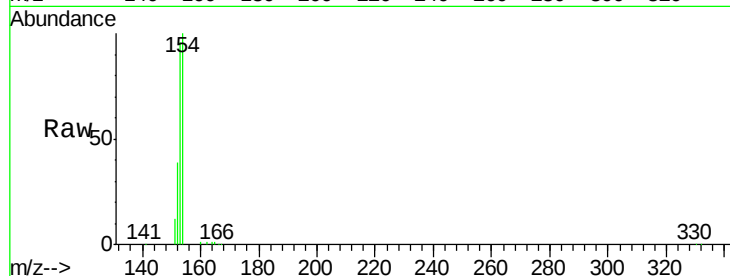




#17
Acenaphthene
Concen: 0.79 ng
RT: 14.45 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM003305.D
Acq: 27 Nov 2015 13:43

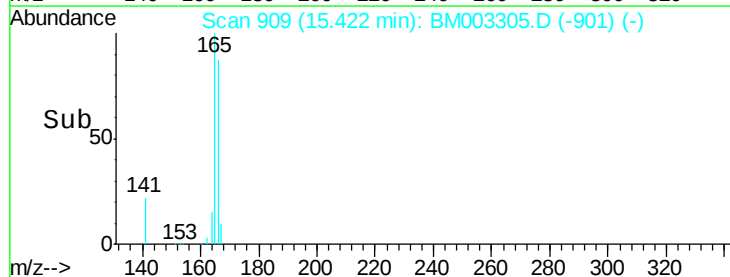
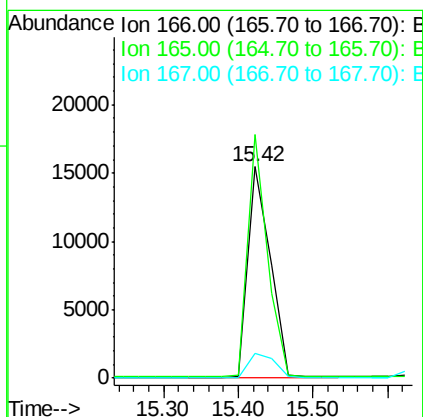
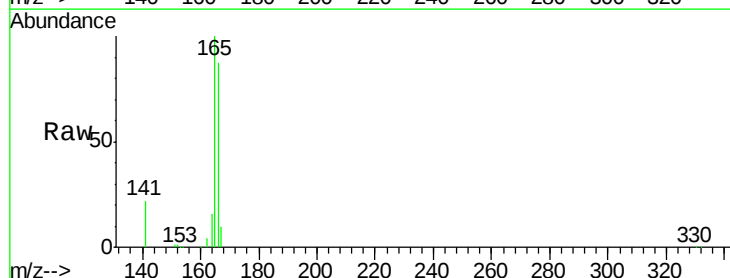
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

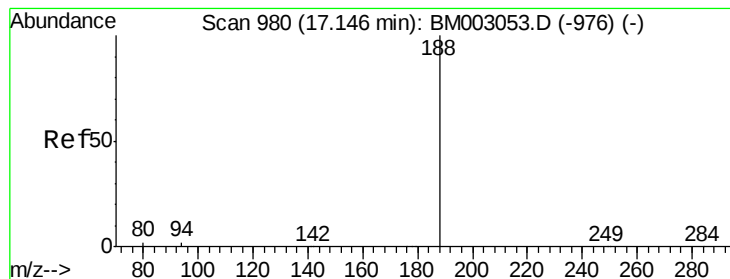
Tgt Ion:154 Resp: 28651
Ion Ratio Lower Upper
154 100
153 109.5 0.0 0.0#
152 0.0 0.0 0.0



#18
Fluorene
Concen: 0.94 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM003305.D
Acq: 27 Nov 2015 13:43

Tgt Ion:166 Resp: 32011
Ion Ratio Lower Upper
166 100
165 101.5 80.8 121.2
167 13.2 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

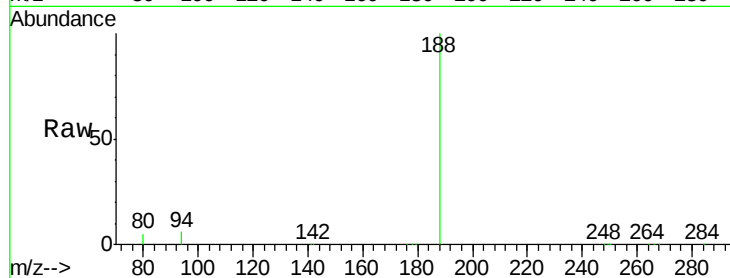
Tgt Ion:188 Resp: 272545

Ion Ratio Lower Upper

188 100

94 5.6 1.8 2.6#

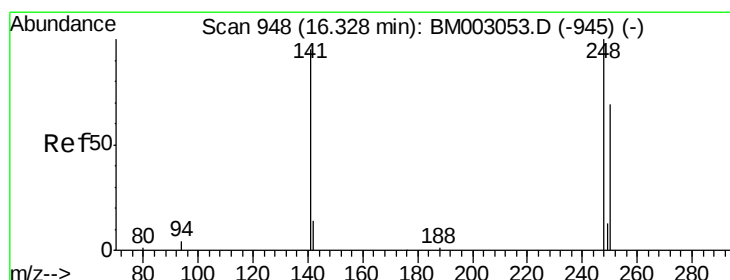
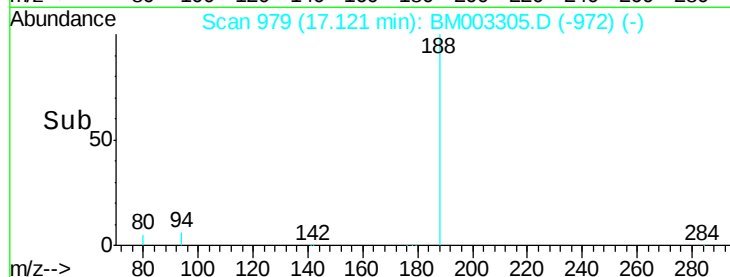
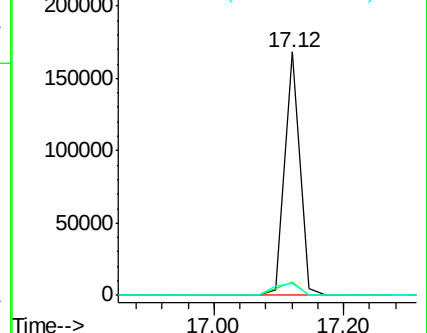
80 4.8 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 0.68 ng

RT: 16.33 min Scan# 948

Delta R.T. 0.00 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

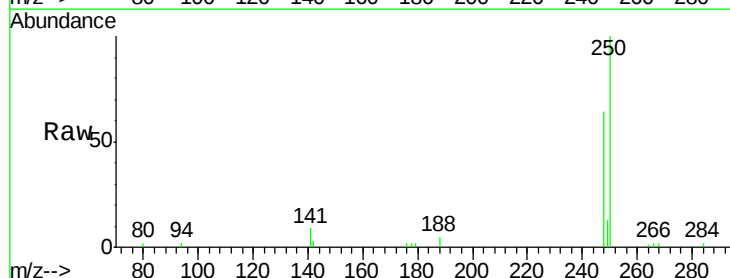
Tgt Ion:248 Resp: 6844

Ion Ratio Lower Upper

248 100

250 104.9 65.4 98.0#

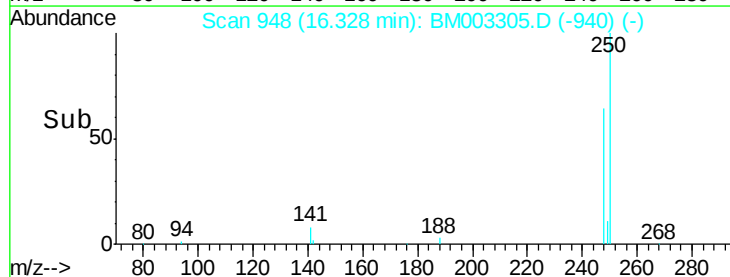
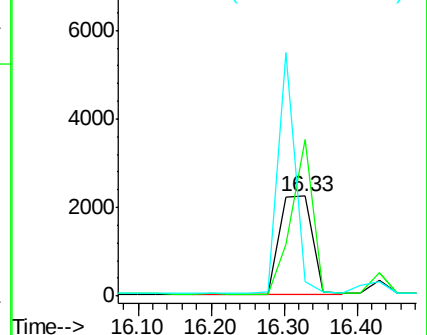
141 0.0 72.8 109.2#

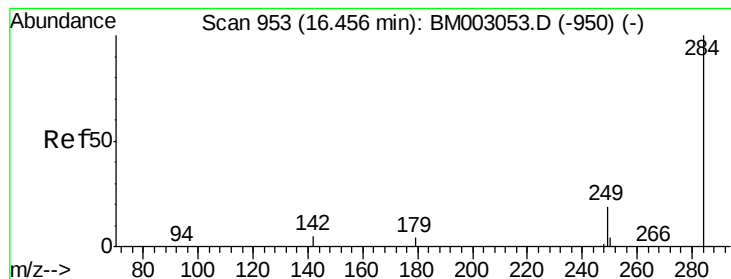


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.87 ng

RT: 16.43 min Scan# 952

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

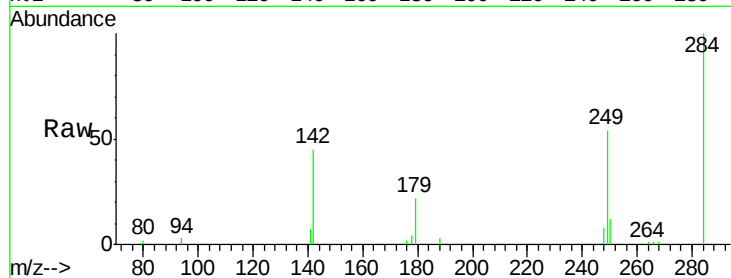
Tgt Ion:284 Resp: 8747

Ion Ratio Lower Upper

284 100

142 47.8 0.0 0.0#

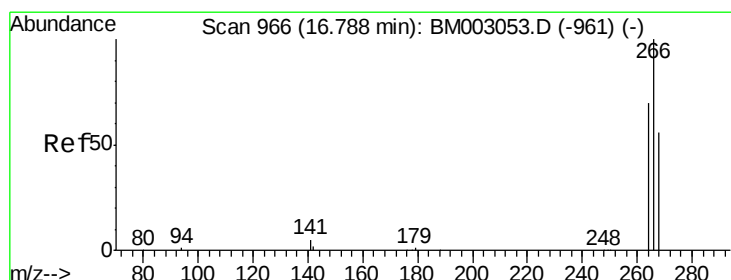
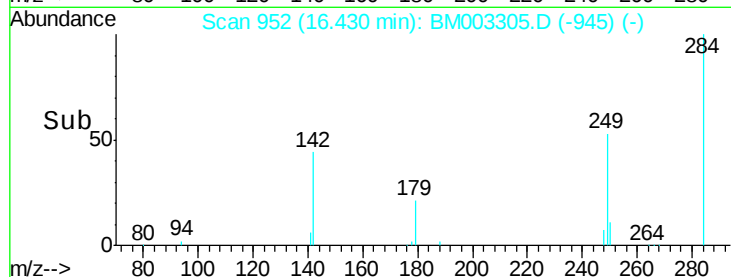
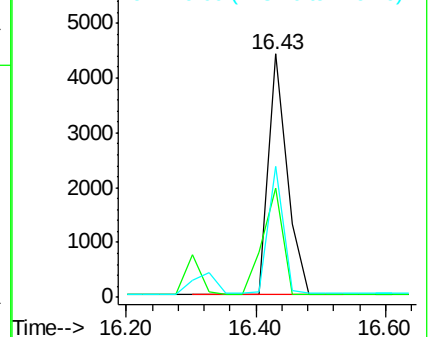
249 42.6 19.4 29.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.72 ng

RT: 16.79 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

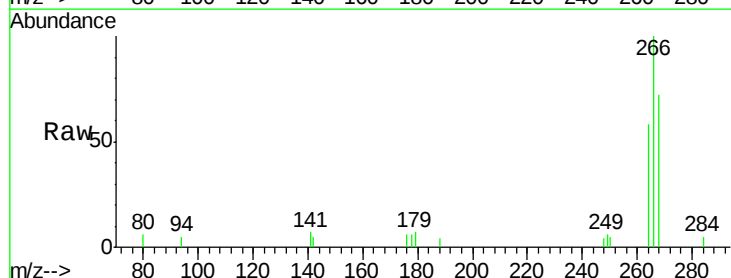
Tgt Ion:266 Resp: 2423

Ion Ratio Lower Upper

266 100

268 72.1 45.8 68.8#

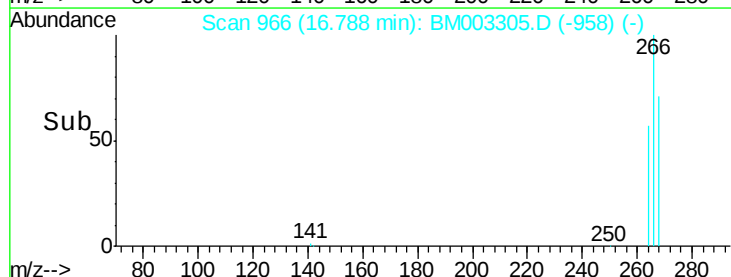
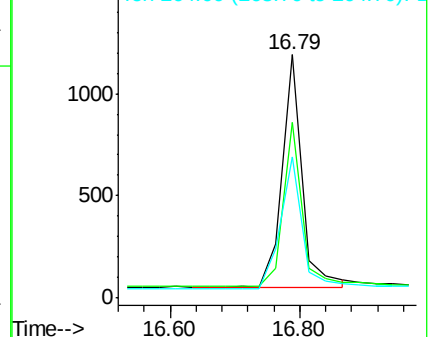
264 57.9 56.7 85.1

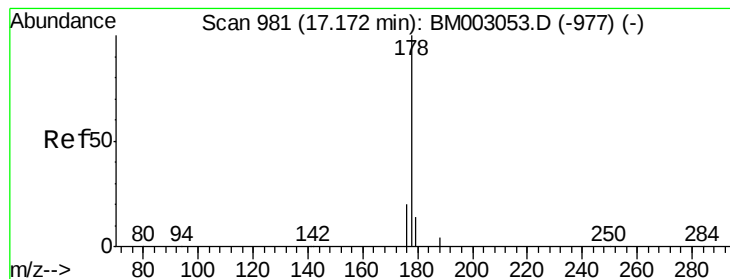


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.72 ng

RT: 17.15 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

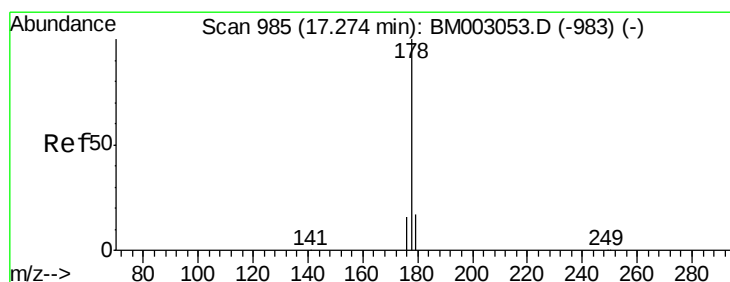
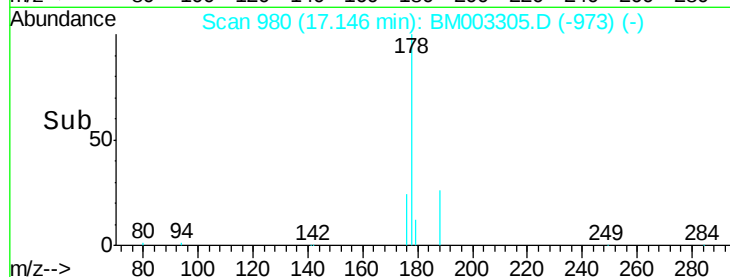
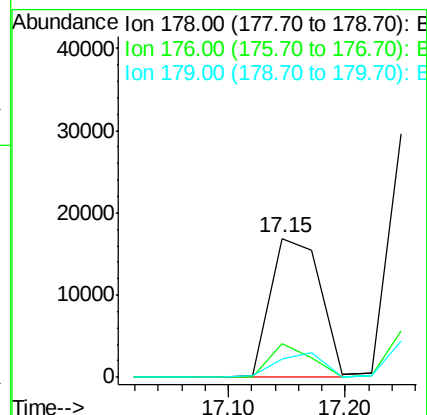
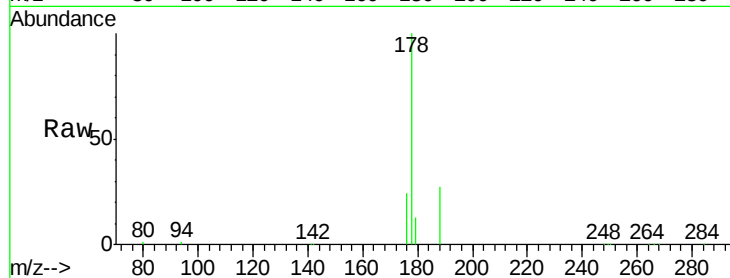
Tgt Ion:178 Resp: 49808

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 0.0 11.7 17.5#



#24

Anthracene

Concen: 1.05 ng

RT: 17.25 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

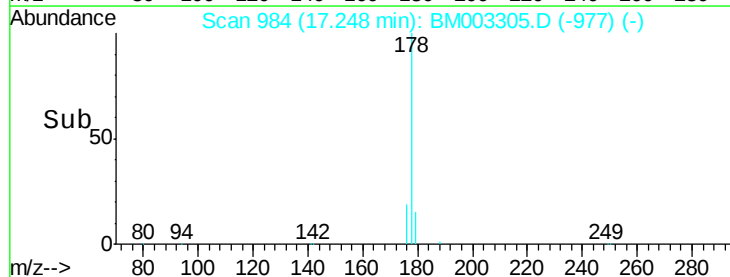
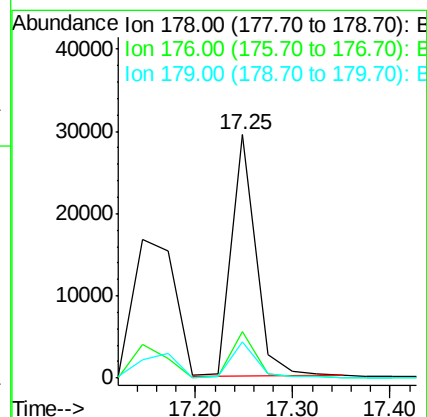
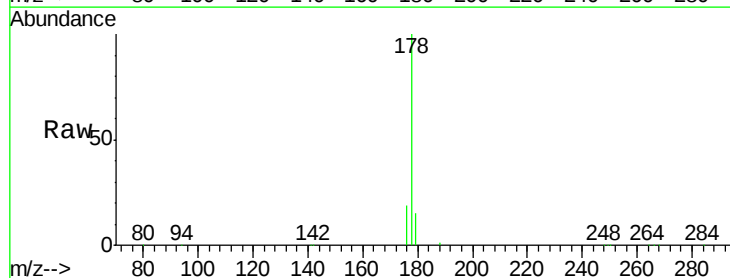
Tgt Ion:178 Resp: 50800

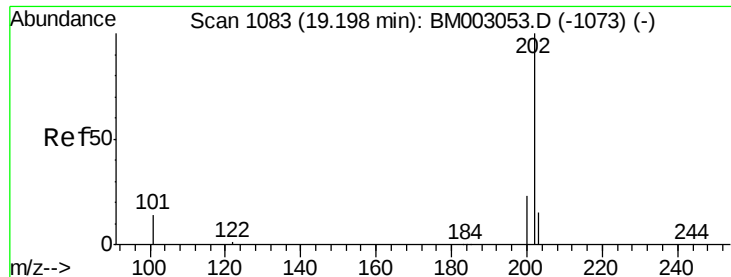
Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

179 15.0 12.8 19.2





#25

Fluoranthene

Concen: 0.88 ng

RT: 19.20 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

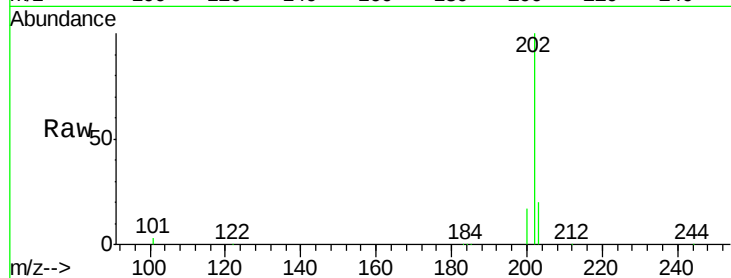
Tgt Ion:202 Resp: 52909

Ion Ratio Lower Upper

202 100

101 12.5 9.9 14.9

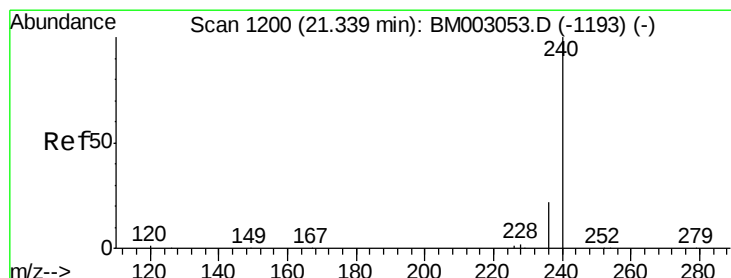
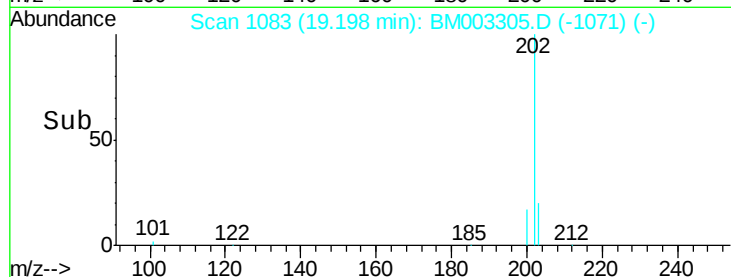
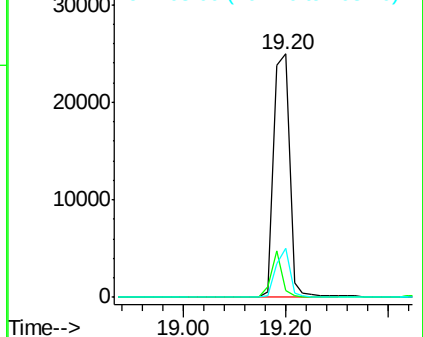
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.32 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

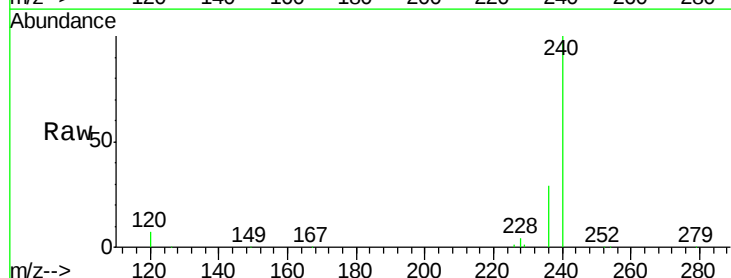
Tgt Ion:240 Resp: 225246

Ion Ratio Lower Upper

240 100

120 7.1 1.0 1.4#

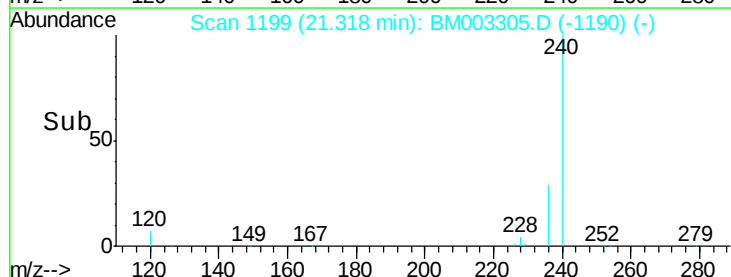
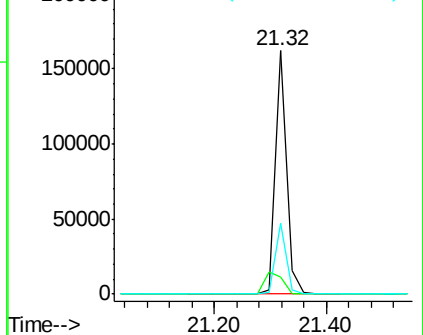
236 29.1 17.9 26.9#

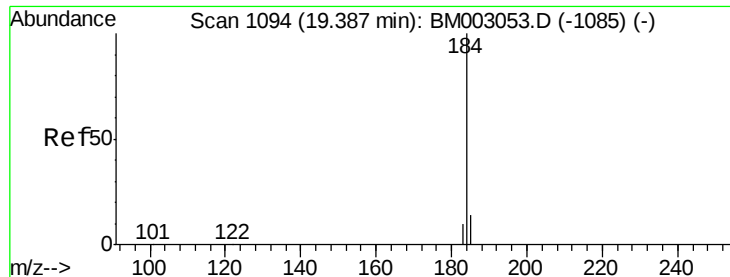


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.92 ng

RT: 19.37 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

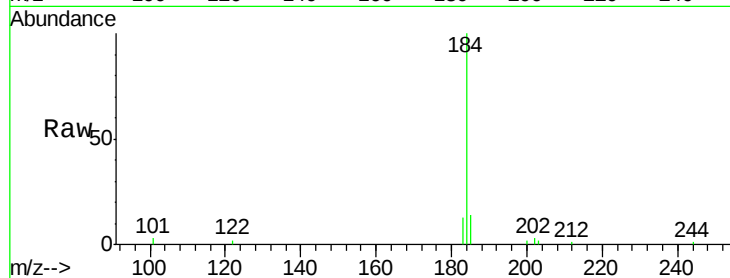
Tgt Ion:184 Resp: 7361

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

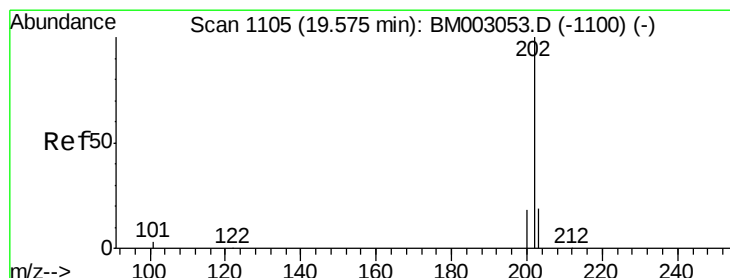
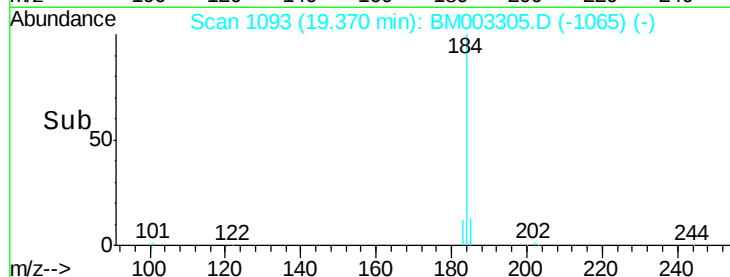
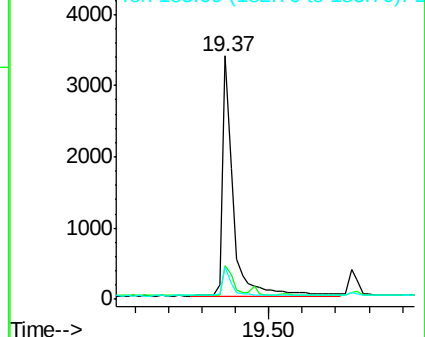
183 13.2 8.6 13.0#



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



#28

Pyrene

Concen: 0.80 ng

RT: 19.56 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

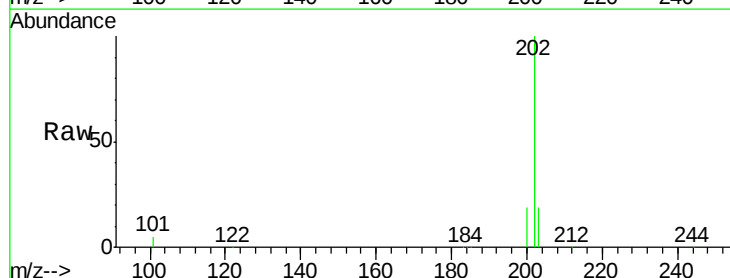
Tgt Ion:202 Resp: 57996

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

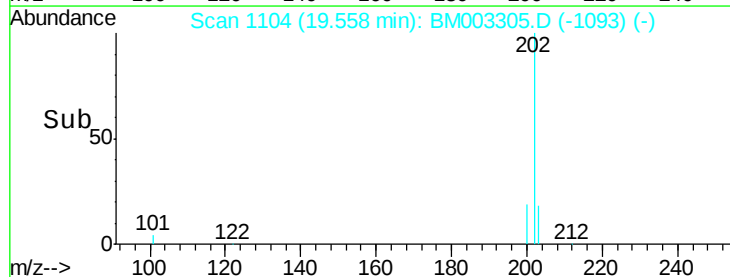
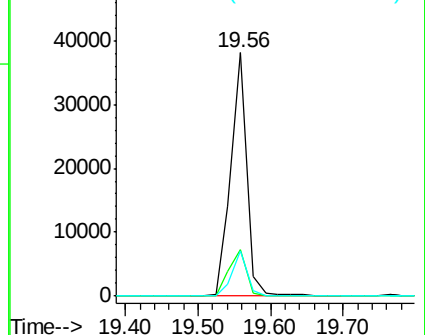
203 17.5 13.8 20.6

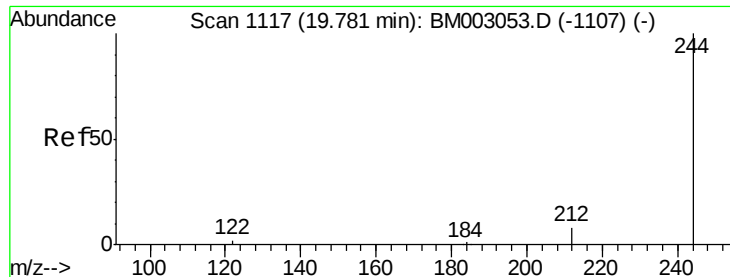


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.87 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

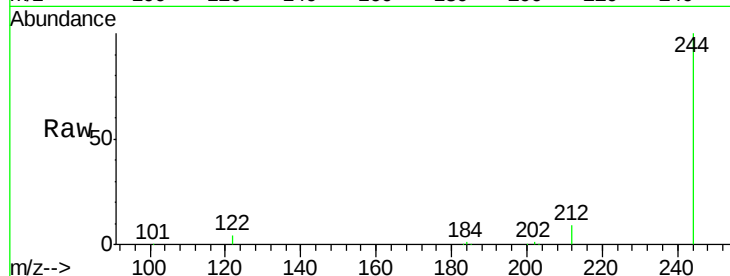
Tgt Ion:244 Resp: 28700

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

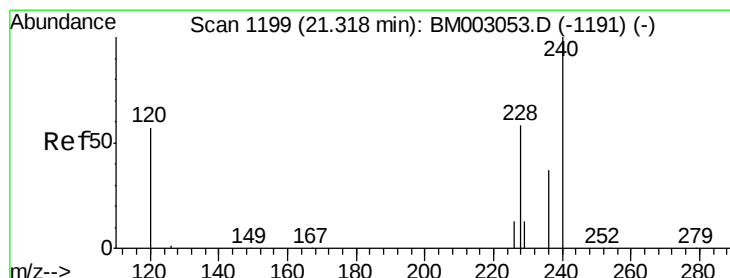
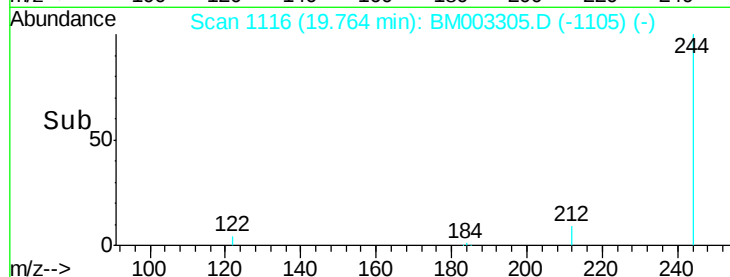
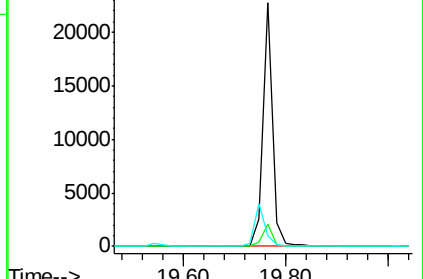
122 4.4 2.0 3.0#



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: 1.13 ng

RT: 21.30 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

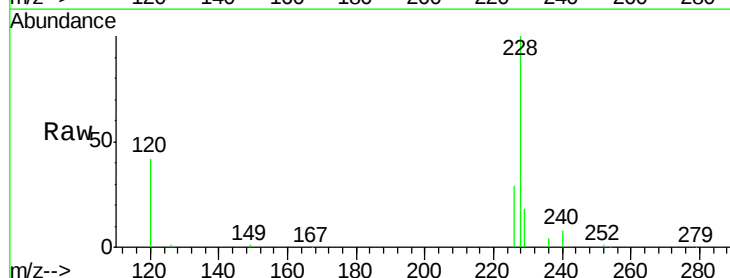
Tgt Ion:228 Resp: 65509

Ion Ratio Lower Upper

228 100

226 28.6 17.8 26.6#

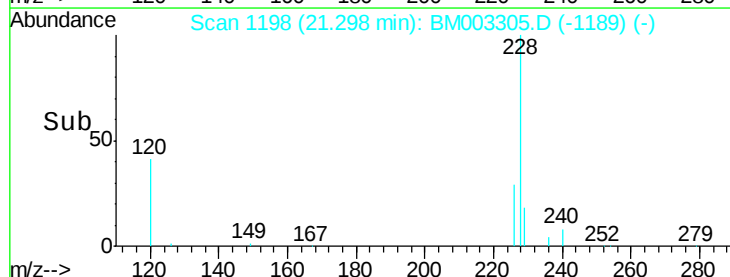
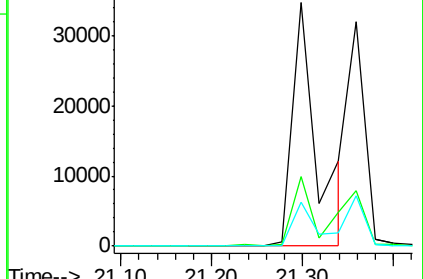
229 17.8 18.0 27.0#

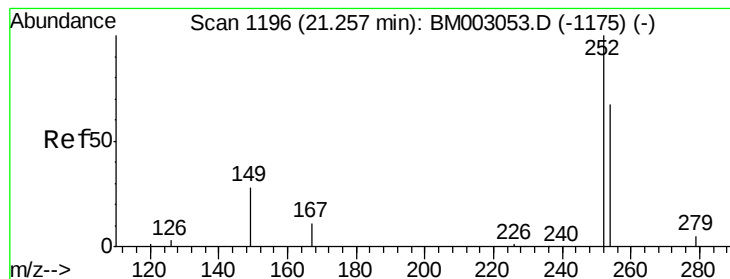


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.81 ng

RT: 21.24 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

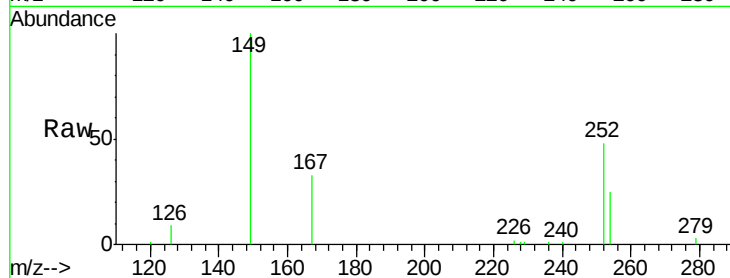
Tgt Ion:252 Resp: 8283

Ion Ratio Lower Upper

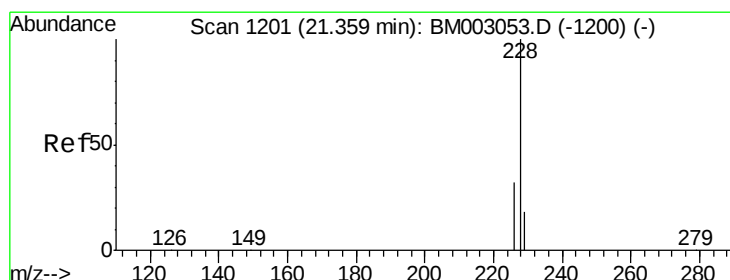
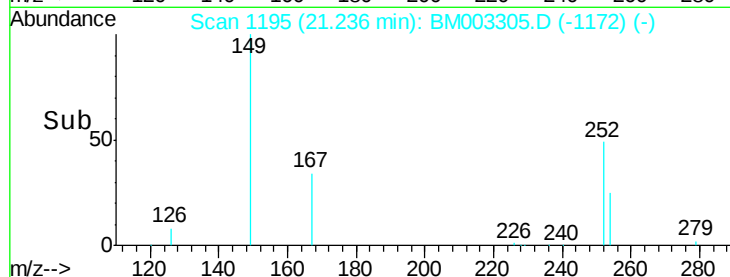
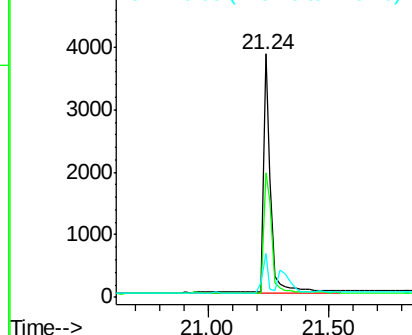
252 100

254 51.3 53.7 80.5#

126 18.2 2.8 4.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.85 ng

RT: 21.30 min Scan# 1198

Delta R.T. -0.06 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

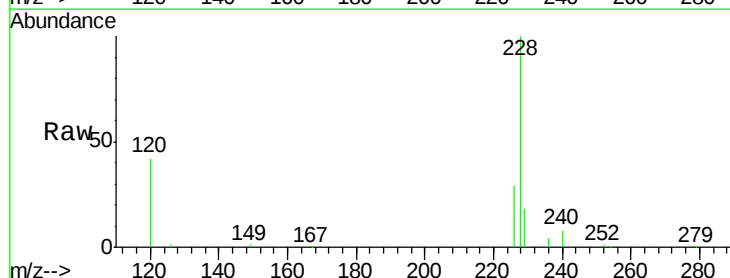
Tgt Ion:228 Resp: 65513

Ion Ratio Lower Upper

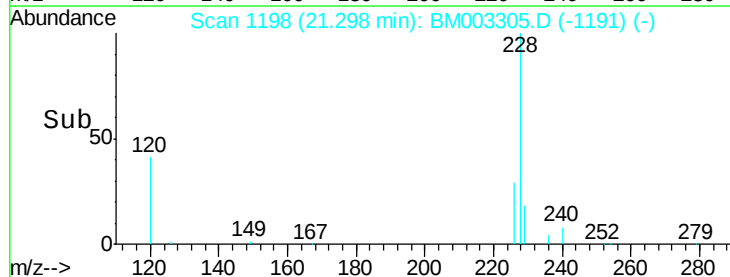
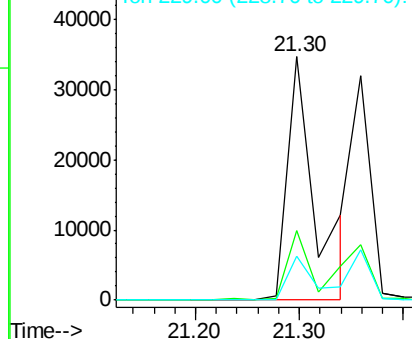
228 100

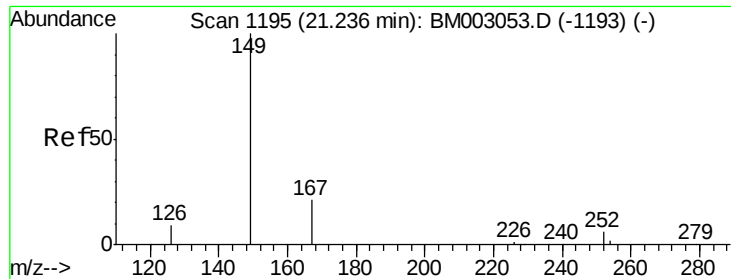
226 28.6 25.5 38.3

229 17.8 14.3 21.5



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.58 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

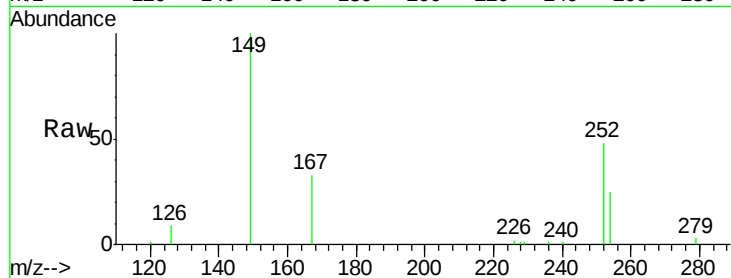
Tgt Ion:149 Resp: 14125

Ion Ratio Lower Upper

149 100

167 28.1 19.6 29.4

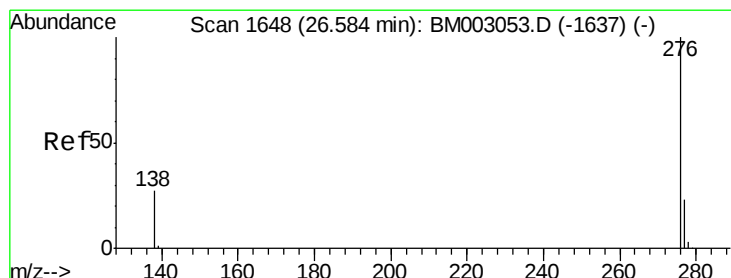
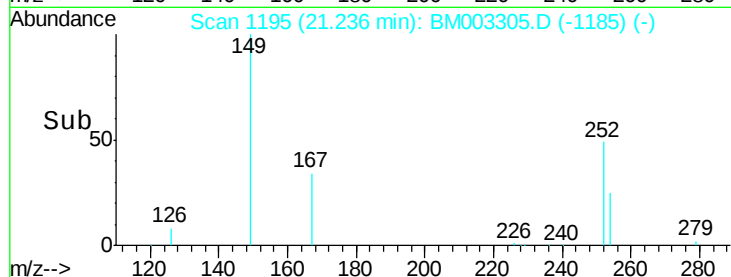
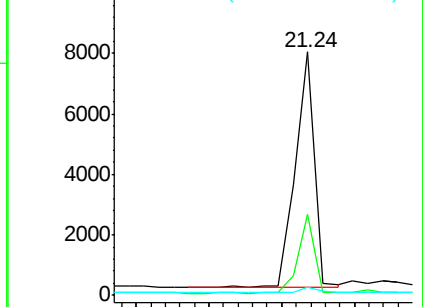
279 3.2 0.0 0.0#



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: 0.89 ng

RT: 25.85 min Scan# 1578

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

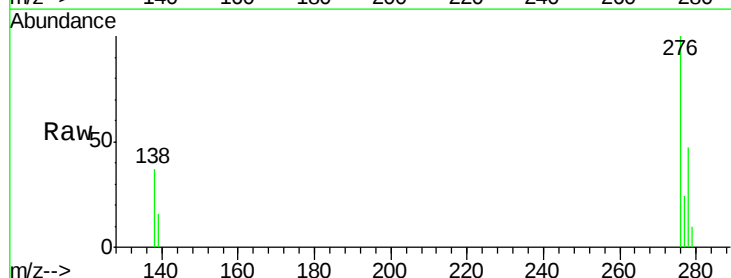
Tgt Ion:276 Resp: 45443

Ion Ratio Lower Upper

276 100

138 36.9 19.1 28.7#

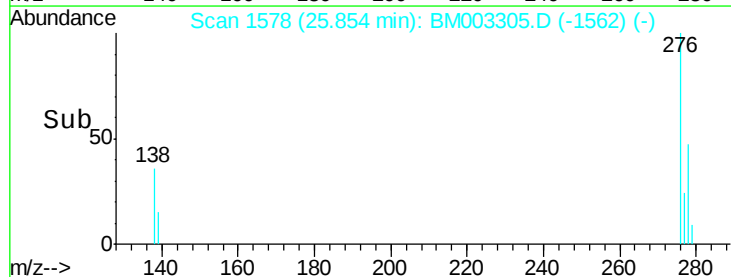
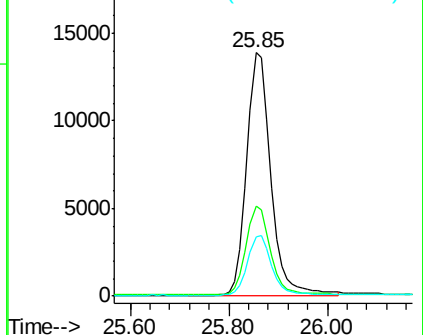
277 24.8 15.9 23.9#

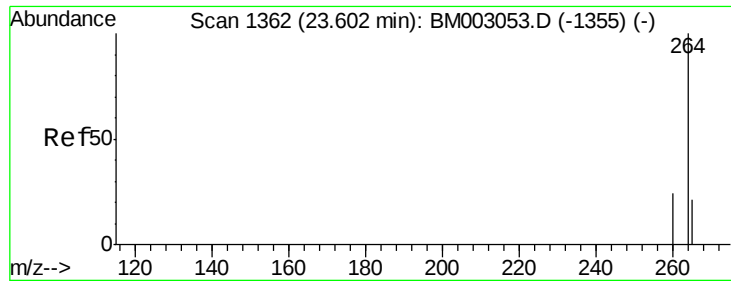


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

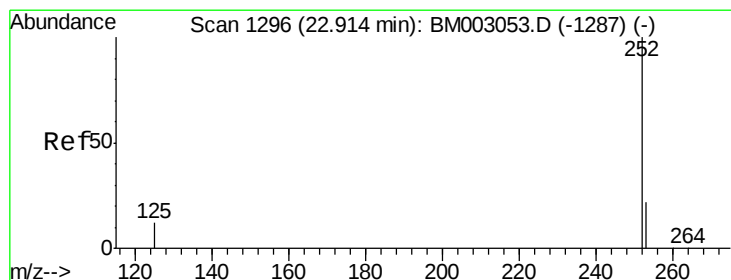
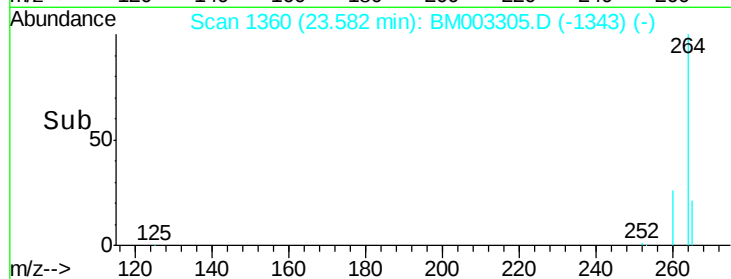
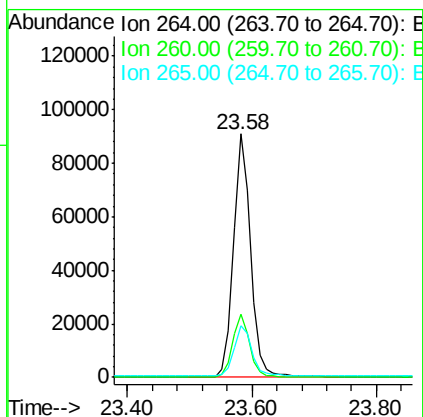
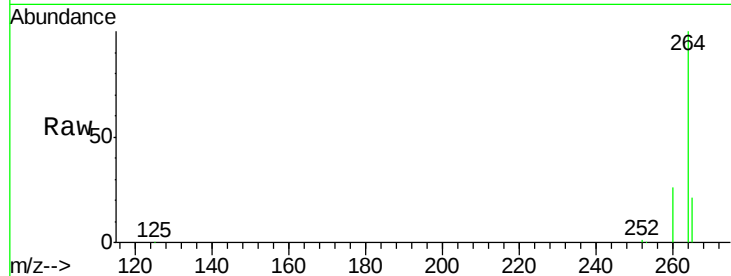




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BM003305.D
 Acq: 27 Nov 2015 13:43

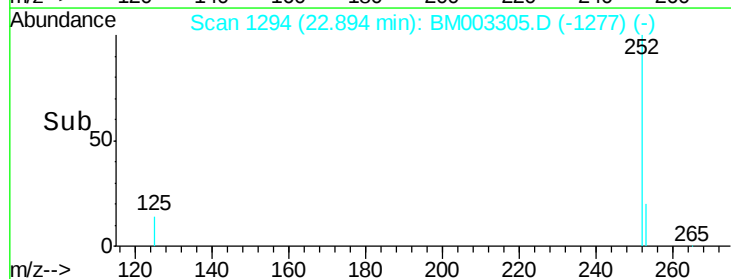
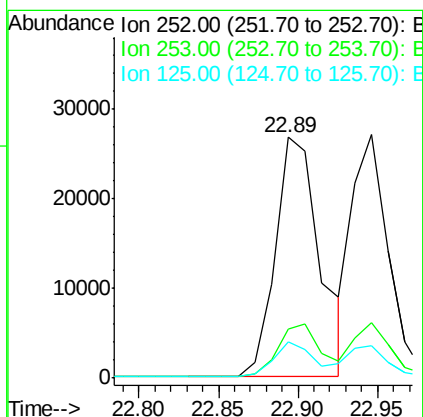
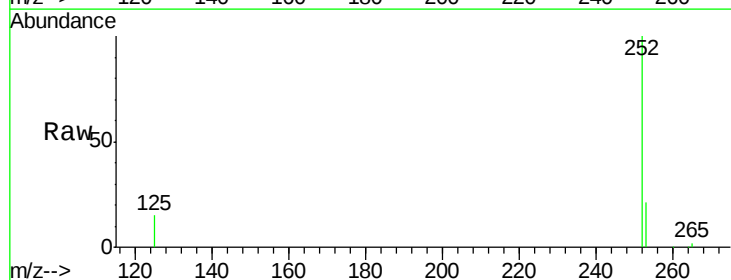
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

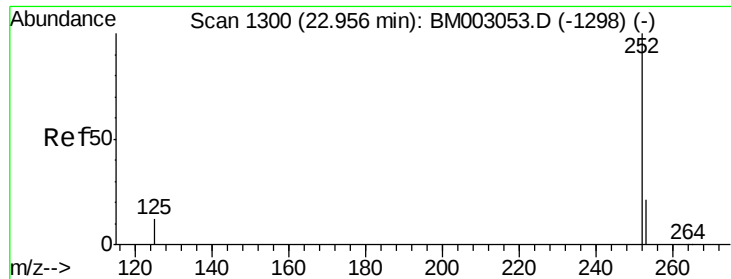
Tgt Ion: 264 Resp: 177586
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.6 29.4
 265 21.3 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 1.06 ng
 RT: 22.89 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BM003305.D
 Acq: 27 Nov 2015 13:43

Tgt Ion: 252 Resp: 52225
 Ion Ratio Lower Upper
 252 100
 253 20.5 18.2 27.4
 125 14.8 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.85 ng

RT: 22.95 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

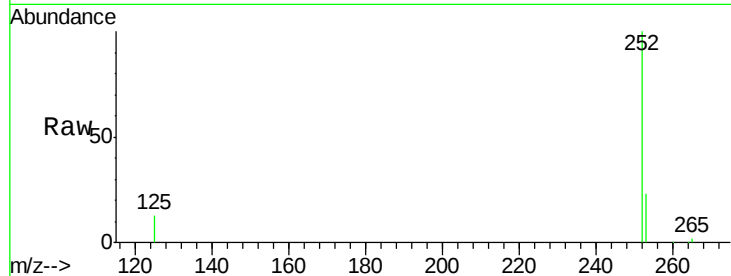
Tgt Ion:252 Resp: 43490

Ion Ratio Lower Upper

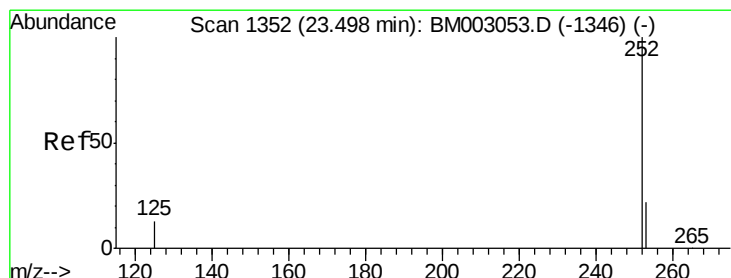
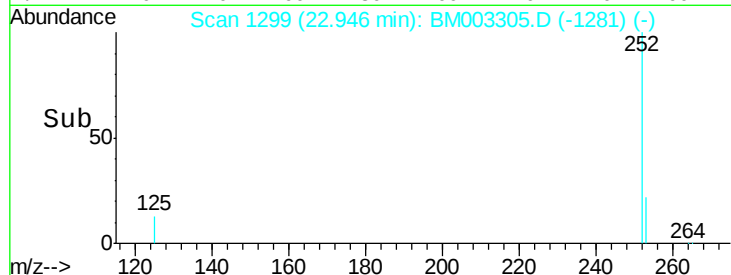
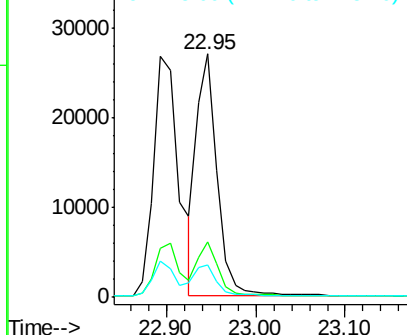
252 100

253 22.6 17.5 26.3

125 13.3 10.7 16.1



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: 1.01 ng

RT: 23.48 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

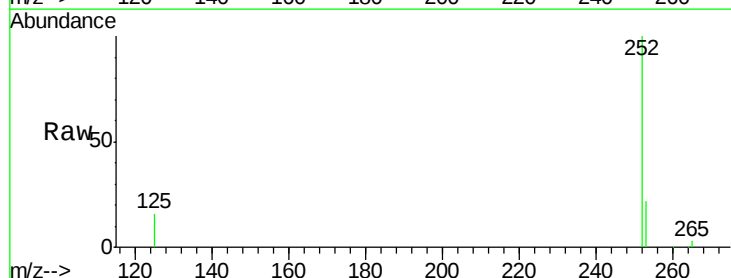
Tgt Ion:252 Resp: 38747

Ion Ratio Lower Upper

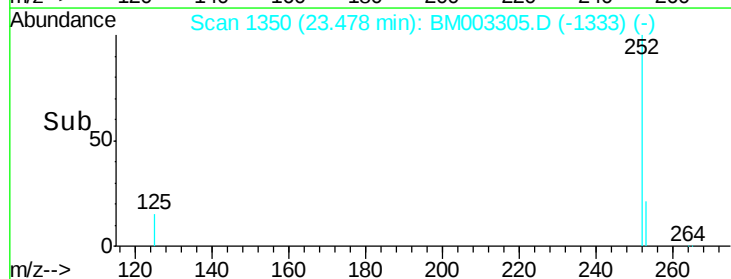
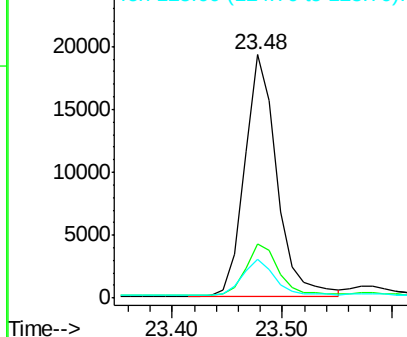
252 100

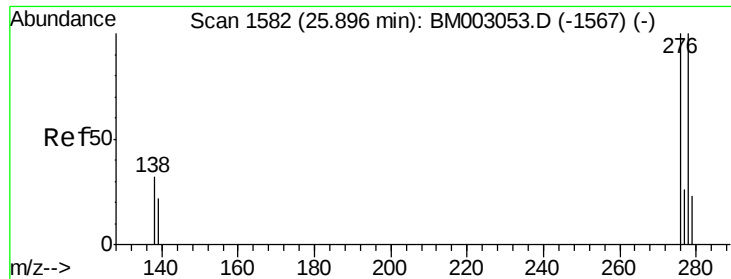
253 22.0 18.7 28.1

125 15.8 11.6 17.4



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: 1.10 ng

RT: 25.88 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

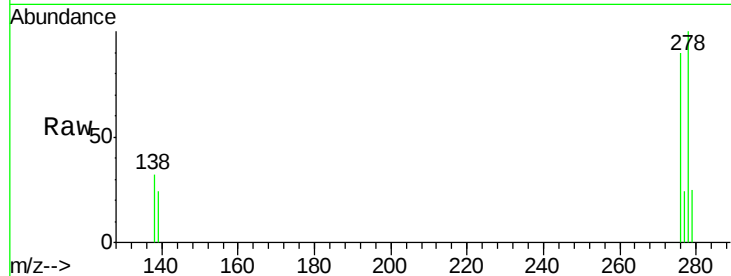
Tgt Ion:278 Resp: 34767

Ion Ratio Lower Upper

278 100

139 24.3 18.2 27.4

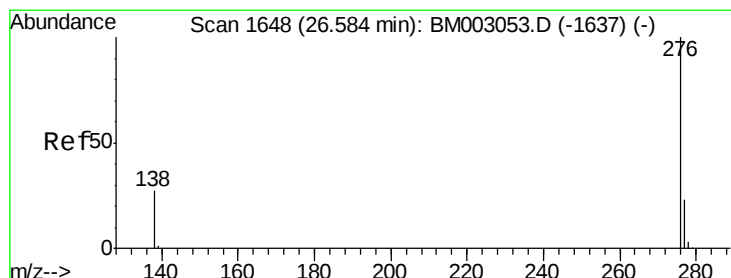
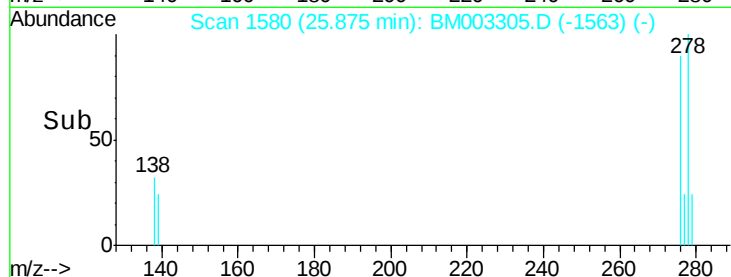
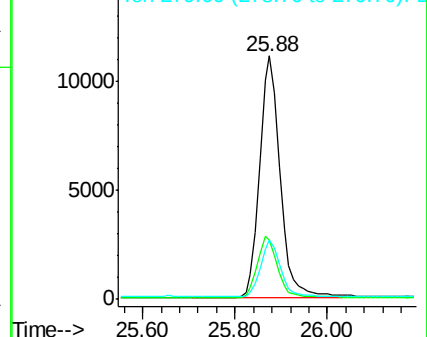
279 24.6 18.8 28.2



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: 0.98 ng

RT: 26.55 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BM003305.D

Acq: 27 Nov 2015 13:43

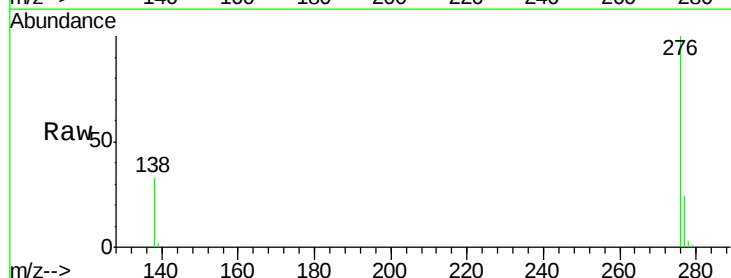
Tgt Ion:276 Resp: 41027

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 33.1 22.3 33.5



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

