

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
 Data File : BM003309.D
 Acq On : 27 Nov 2015 17:21
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICBM112715

Quant Time: Nov 27 18:21:29 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 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	72292	5.00	ng	0.00
7) Naphthalene-d8	10.52	136	294888	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	155930	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	325260	5.00	ng	0.00
26) Chrysene-d12	21.32	240	188600	5.00	ng	0.00
35) Perylene-d12	23.59	264	163351	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	13940	0.98	ng	0.00
5) Phenol-d6	6.90	99	16501	1.01	ng	0.00
8) Nitrobenzene-d5	8.90	82	12895	0.98	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	2514	0.90	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	46594	0.93	ng	0.00
29) Terphenyl-d14	19.76	244	29290	1.11	ng	0.00

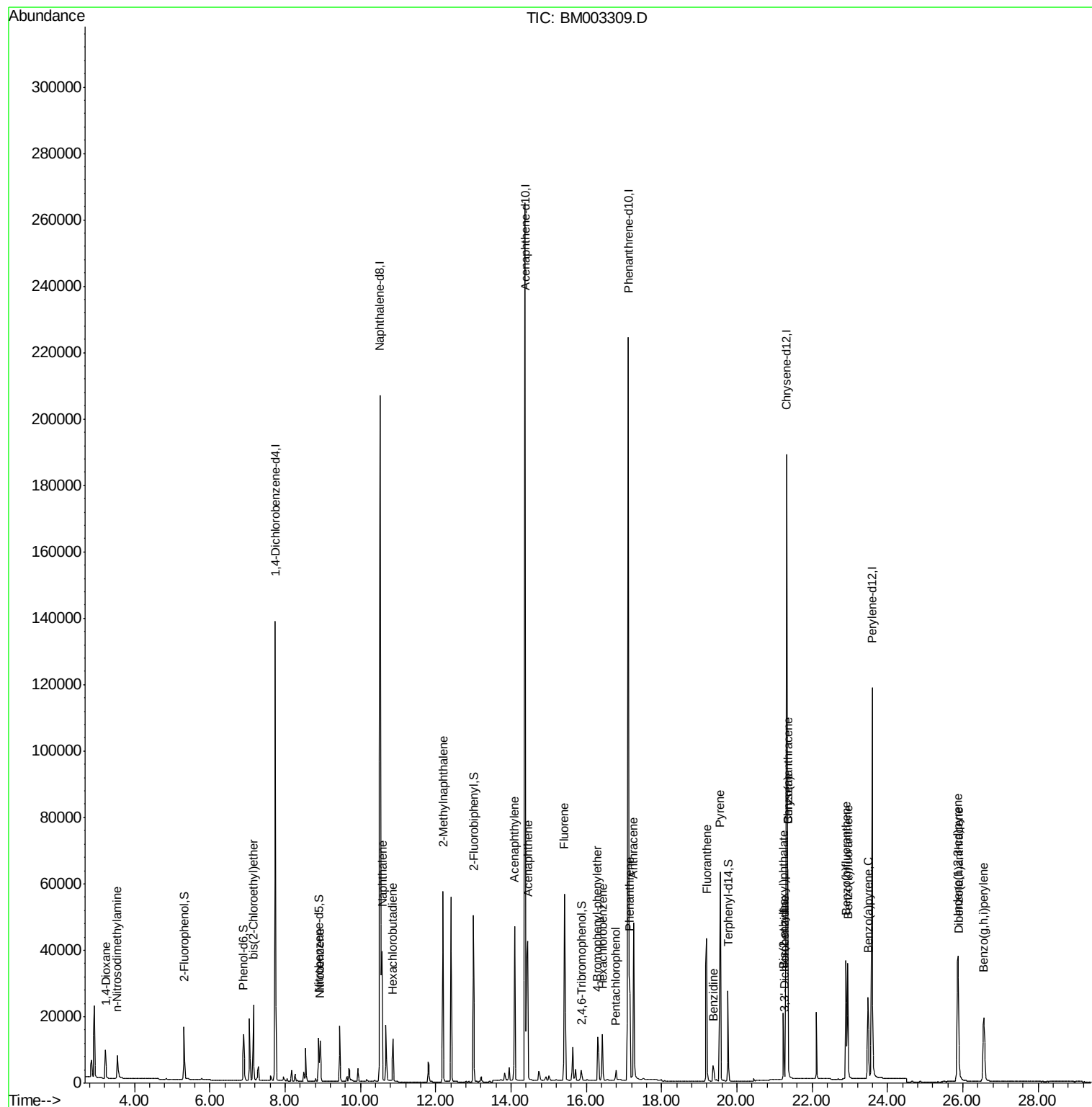
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	6289	0.95	ng	99
3) n-Nitrosodimethylamine	3.54	42	6575	0.98	ng	97
6) bis(2-Chloroethyl)ether	7.16	93	16552	0.99	ng	99
9) Nitrobenzene	8.93	77	14126	0.98	ng	100
10) Naphthalene	10.58	128	63441	1.00	ng	96
11) Hexachlorobutadiene	10.87	225	9799	1.01	ng	100
12) 2-Methylnaphthalene	12.19	142	41462	1.04	ng	96
16) Acenaphthylene	14.09	152	56031	0.98	ng	100
17) Acenaphthene	14.45	154	37435	0.85	ng	# 100
18) Fluorene	15.42	166	42058	0.95	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	8704	0.89	ng	# 34
21) Hexachlorobenzene	16.43	284	11401	1.00	ng	# 63
22) Pentachlorophenol	16.79	266	2699	0.81	ng	# 81
23) Phenanthrene	17.15	178	59396	0.88	ng	# 84
24) Anthracene	17.25	178	60812	1.00	ng	97
25) Fluoranthene	19.20	202	56680	0.80	ng	100
27) Benzidine	19.37	184	9057	1.20	ng	# 96
28) Pyrene	19.56	202	61940	1.07	ng	100
30) Benzo(a)anthracene	21.36	228	103087	2.16	ng	# 93
31) 3,3'-Dichlorobenzidine	21.26	252	8268	0.95	ng	87
32) Chrysene	21.36	228	103533	1.94	ng	93
33) Bis(2-ethylhexyl)phthalate	21.24	149	16960	1.15	ng	# 93
34) Indeno(1,2,3-cd)pyrene	25.86	276	45762	1.05	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	45700	0.97	ng	98
37) Benzo(k)fluoranthene	22.95	252	44151	1.04	ng	99
38) Benzo(a)pyrene	23.49	252	37274	1.00	ng	99
39) Dibenzo(a,h)anthracene	25.89	278	36490	1.13	ng	98
40) Benzo(g,h,i)perylene	26.56	276	39683	1.02	ng	96

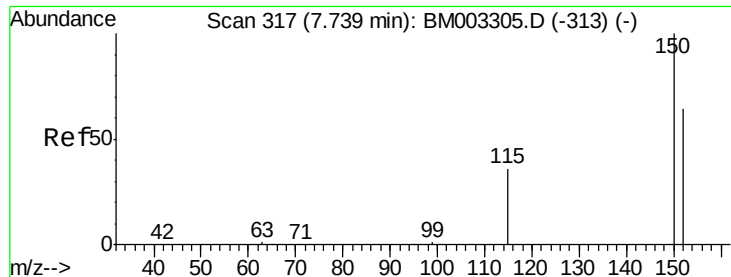
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 27 16:36:40 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.74 min Scan# 317

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

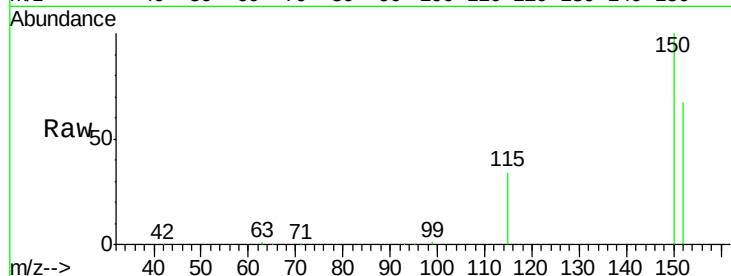
Tot Ion:152 Resp: 72292

Ion Ratio Lower Upper

152 100

150 148.6 143.6 215.4

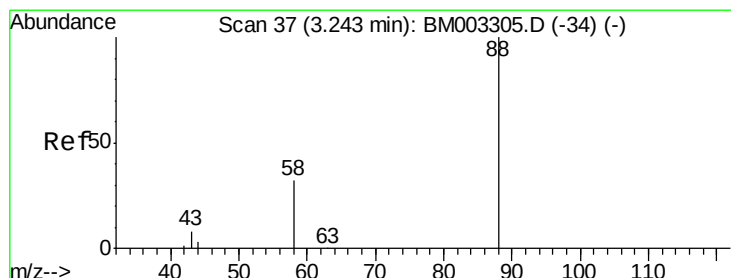
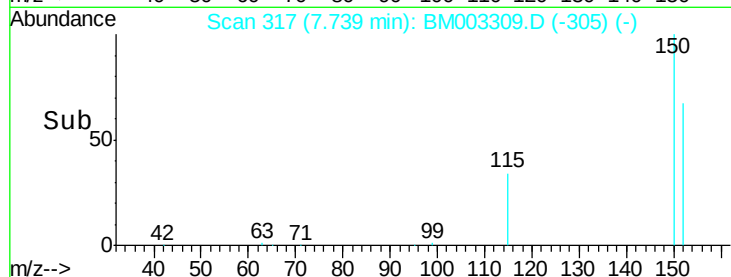
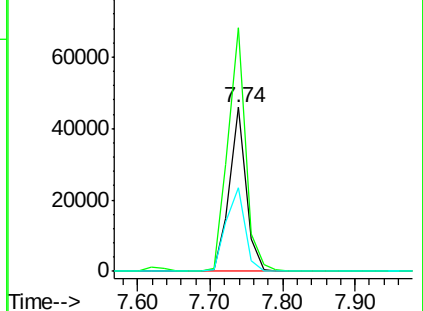
115 51.2 58.5 87.7#



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: 0.95 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

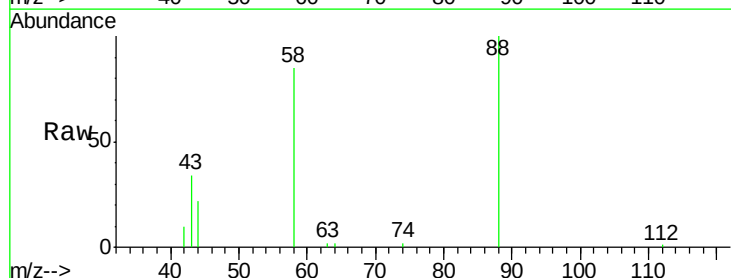
Tgt Ion: 88 Resp: 6289

Ion Ratio Lower Upper

88 100

58 69.2 55.2 82.8

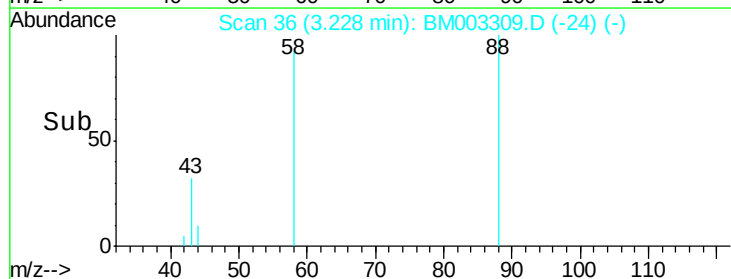
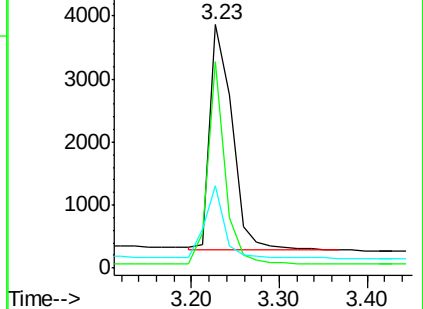
43 28.4 21.8 32.6

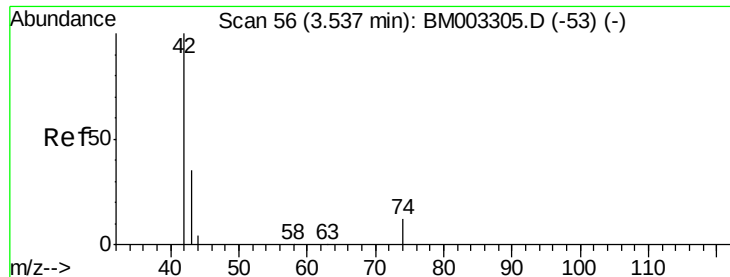


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.54 min Scan# 56

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

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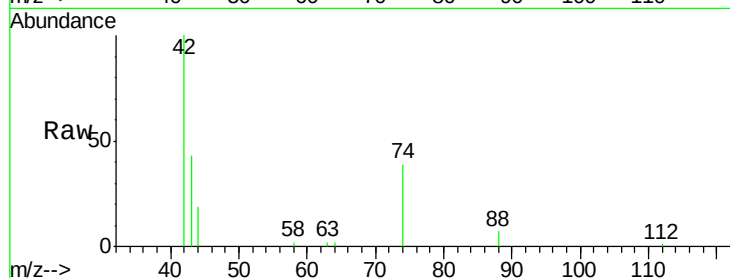
Tot Ion: 42 Resp: 6575

Ion Ratio Lower Upper

42 100

74 122.4 101.0 151.4

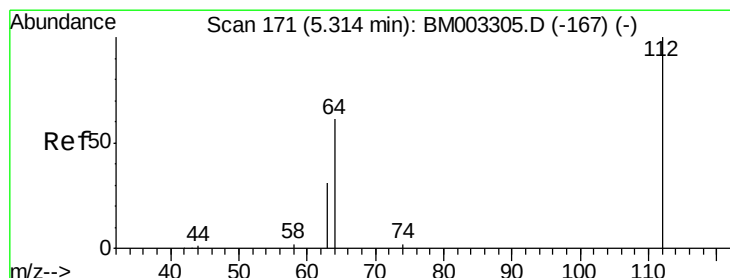
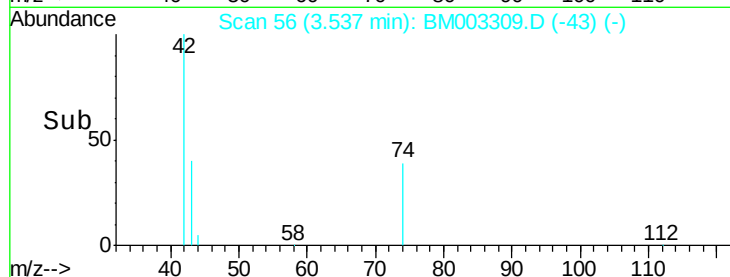
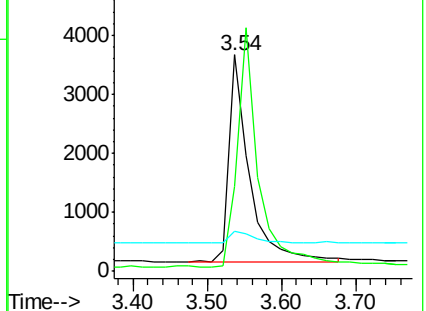
44 7.2 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003309.D (-43) (-)

Ion 74.00 (73.70 to 74.70): BM003309.D (-43) (-)

Ion 44.00 (43.70 to 44.70): BM003309.D (-43) (-)



#4

2-Fluorophenol

Concen: 0.98 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

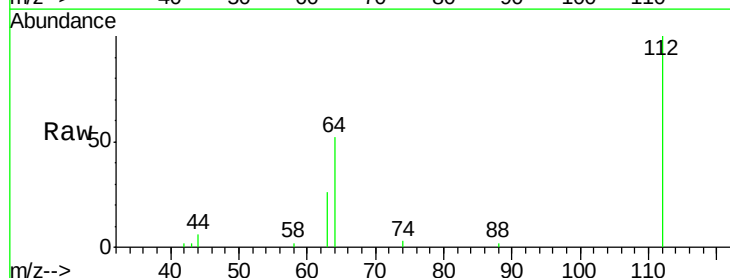
Tgt Ion: 112 Resp: 13940

Ion Ratio Lower Upper

112 100

64 51.4 41.2 61.8

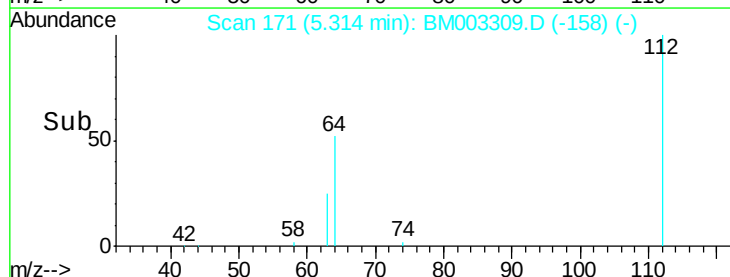
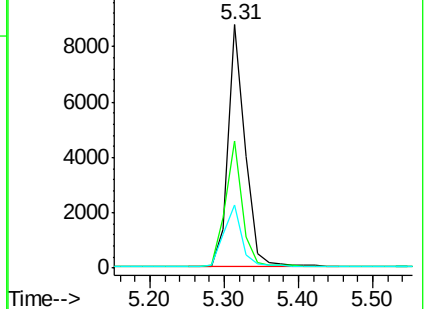
63 26.6 21.2 31.8

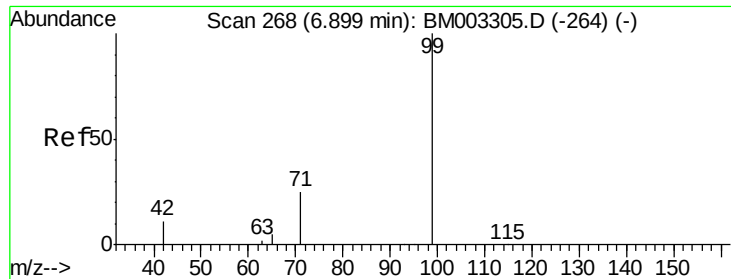


Abundance Ion 112.00 (111.70 to 112.70): BM003309.D (-158) (-)

Ion 64.00 (63.70 to 64.70): BM003309.D (-158) (-)

Ion 63.00 (62.70 to 63.70): BM003309.D (-158) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

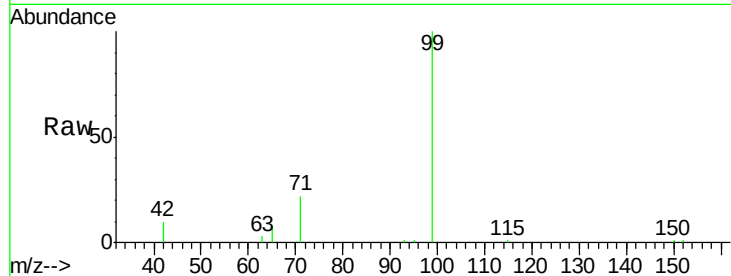
Tot Ion: 99 Resp: 16501

Ion Ratio Lower Upper

99 100

42 18.5 14.6 22.0

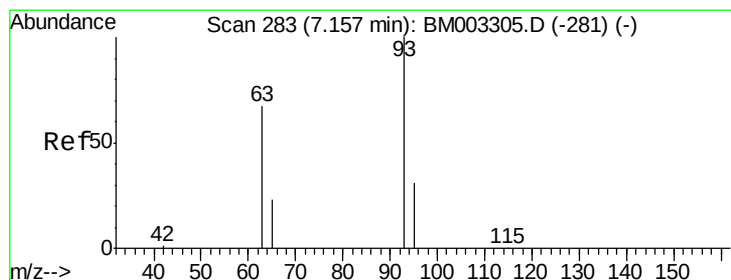
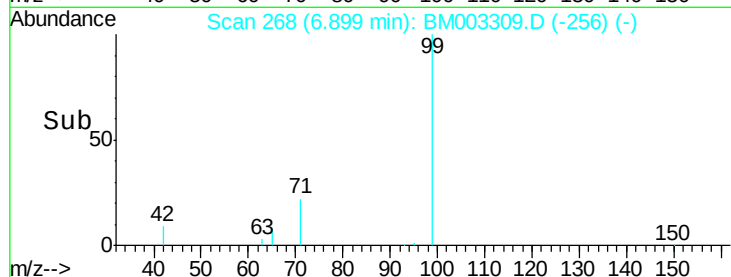
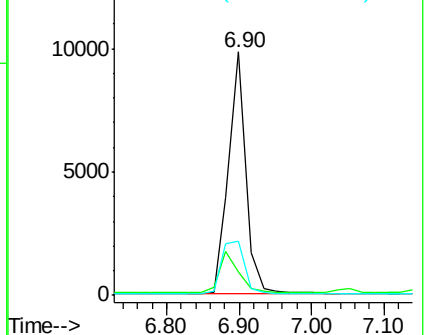
71 29.1 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003309.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM003309.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM003309.D (-256) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.99 ng

RT: 7.16 min Scan# 283

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

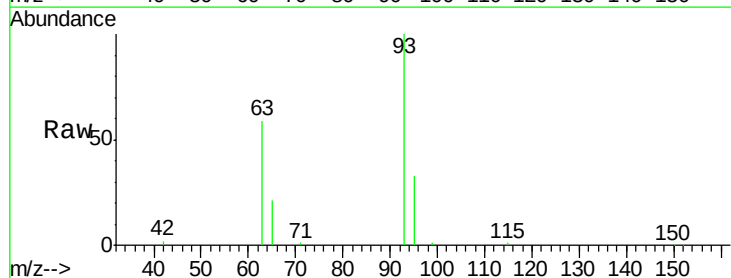
Tgt Ion: 93 Resp: 16552

Ion Ratio Lower Upper

93 100

63 71.8 58.2 87.4

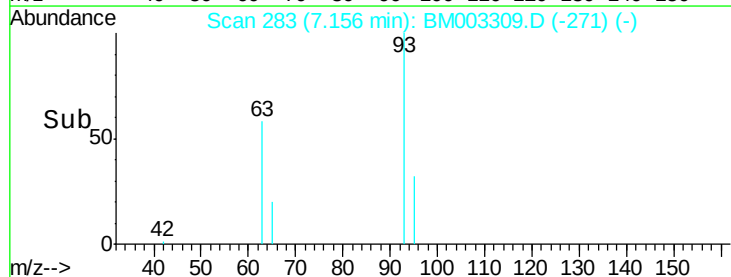
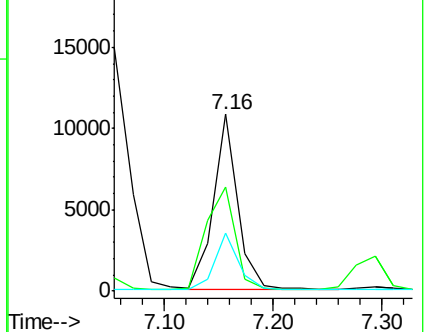
95 32.8 26.2 39.4

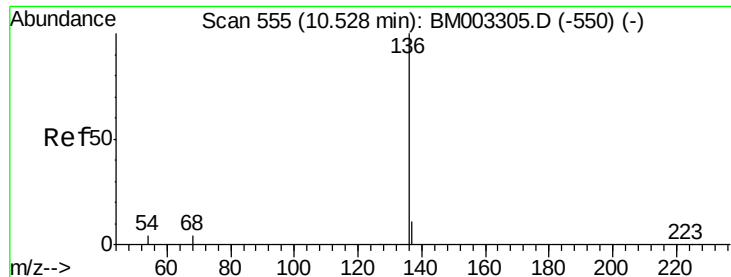


Abundance Ion 93.00 (92.70 to 93.70): BM003309.D (-271) (-)

Ion 63.00 (62.70 to 63.70): BM003309.D (-271) (-)

Ion 95.00 (94.70 to 95.70): BM003309.D (-271) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.52 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

Tot Ion:136 Resp: 294888

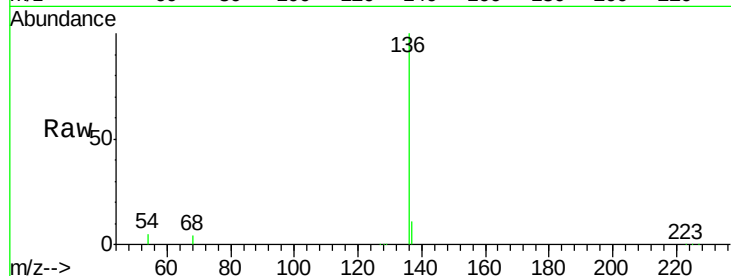
Ion Ratio Lower Upper

136 100

137 11.1 8.0 12.0

54 4.8 7.4 11.0#

68 4.1 5.8 8.6#

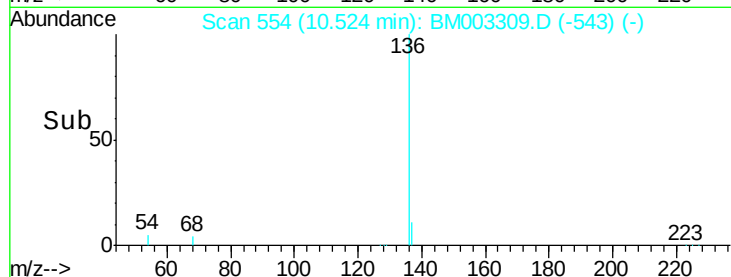


Abundance Ion 136.00 (135.70 to 136.70): E

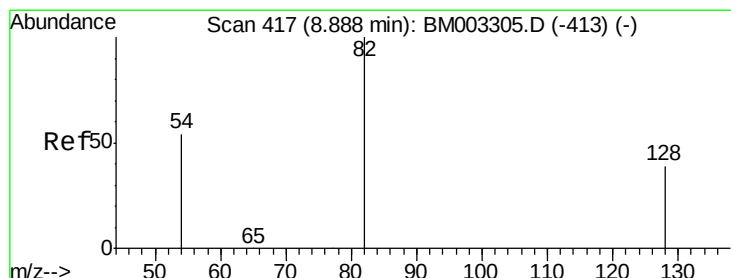
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.98 ng

RT: 8.90 min Scan# 417

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

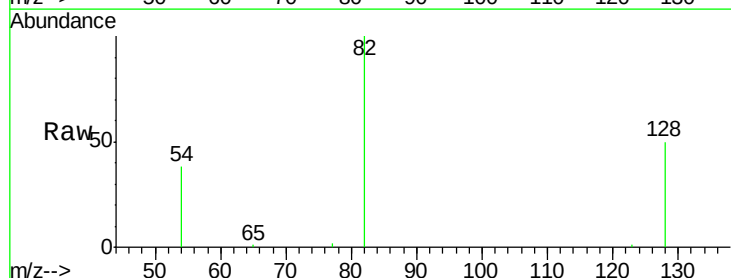
Tgt Ion: 82 Resp: 12895

Ion Ratio Lower Upper

82 100

128 50.4 35.2 52.8

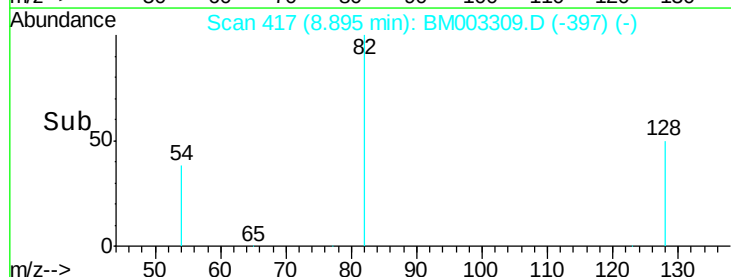
54 38.3 36.4 54.6



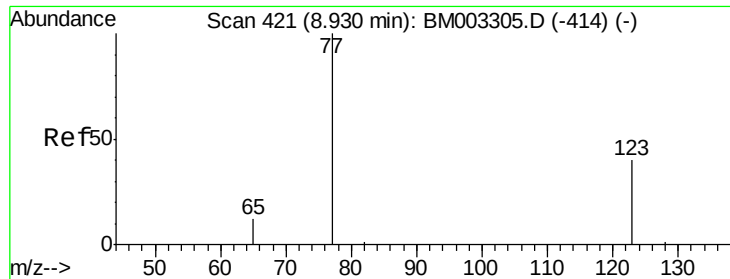
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 0.98 ng

RT: 8.93 min Scan# 420

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

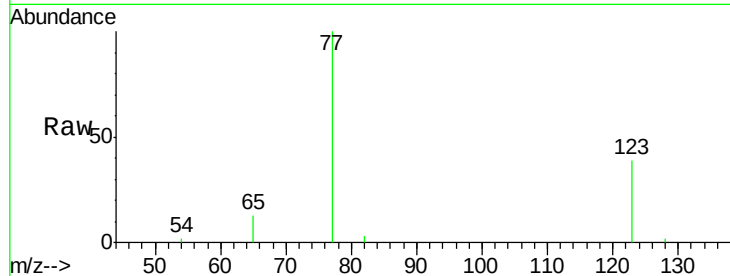
Tot Ion: 77 Resp: 14126

Ion Ratio Lower Upper

77 100

123 47.1 37.7 56.5

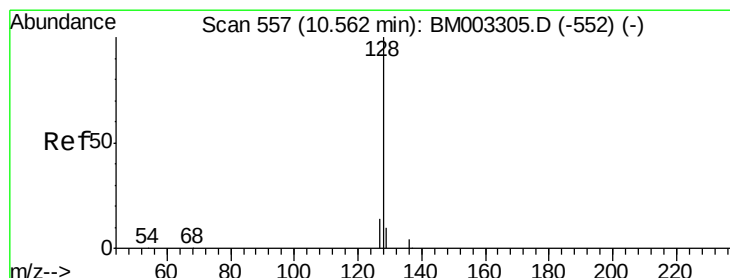
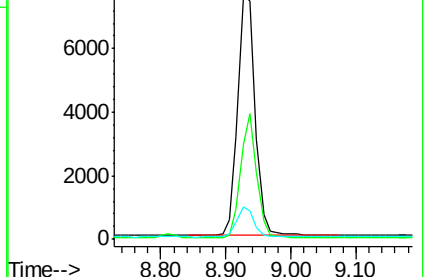
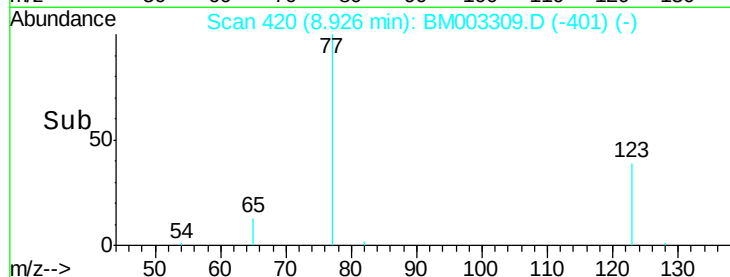
65 12.3 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003309.D (-401) (-)

Ion 123.00 (122.70 to 123.70): BM003309.D (-401) (-)

Ion 65.00 (64.70 to 65.70): BM003309.D (-401) (-)



#10

Naphthalene

Concen: 1.00 ng

RT: 10.58 min Scan# 557

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

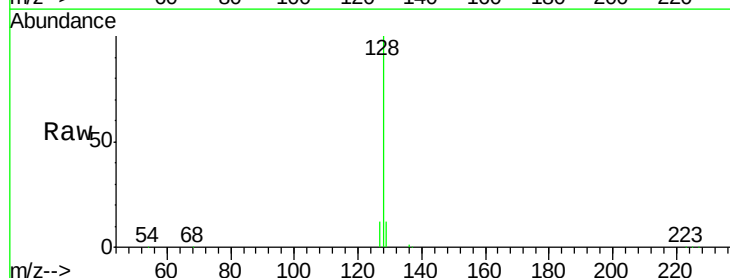
Tgt Ion: 128 Resp: 63441

Ion Ratio Lower Upper

128 100

129 11.8 8.5 12.7

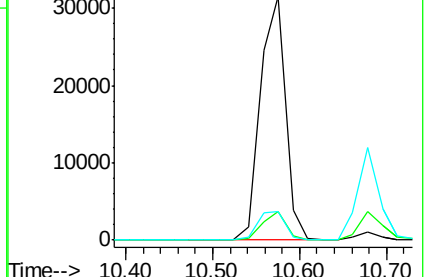
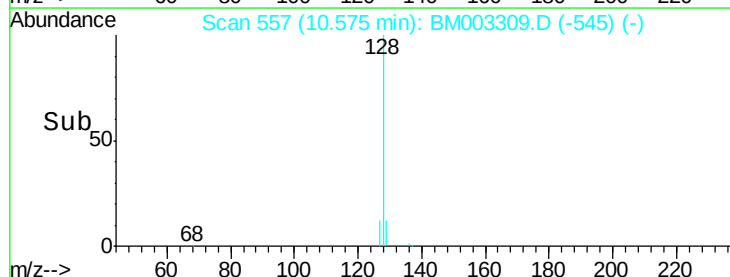
127 11.6 10.6 16.0

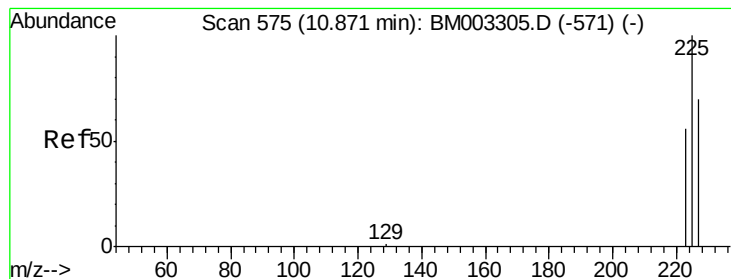


Abundance Ion 128.00 (127.70 to 128.70): BM003309.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003309.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003309.D (-545) (-)





#11

Hexachlorobutadiene

Concen: 1.01 ng

RT: 10.87 min Scan# 574

Delta R.T. -0.00 min

Lab File: BM003309.D

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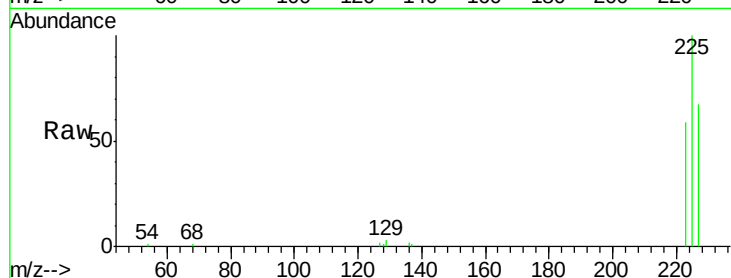
Tot Ion:225 Resp: 9799

Ion Ratio Lower Upper

225 100

223 66.8 53.0 79.4

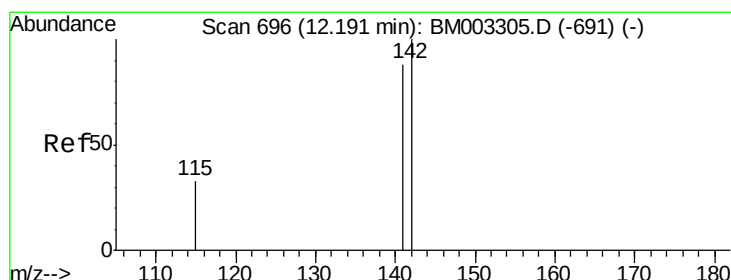
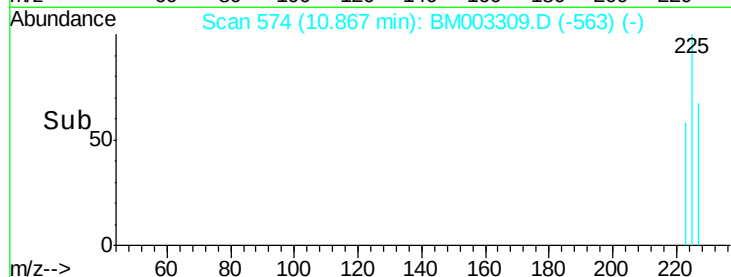
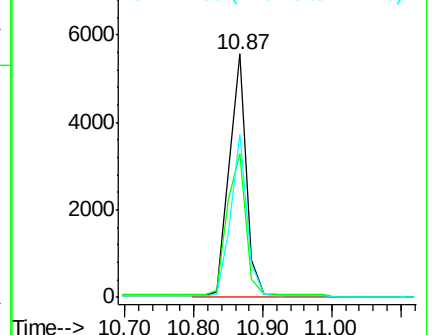
227 65.3 52.2 78.4



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: 1.04 ng

RT: 12.19 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

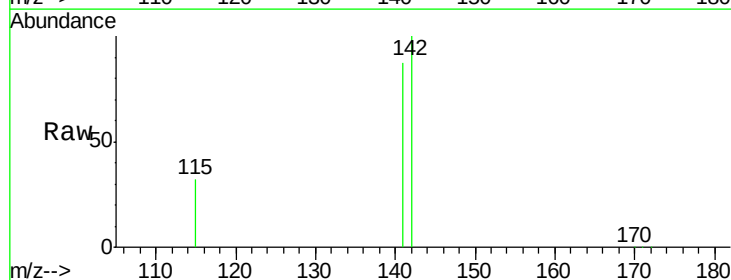
Tgt Ion:142 Resp: 41462

Ion Ratio Lower Upper

142 100

141 86.9 72.2 108.2

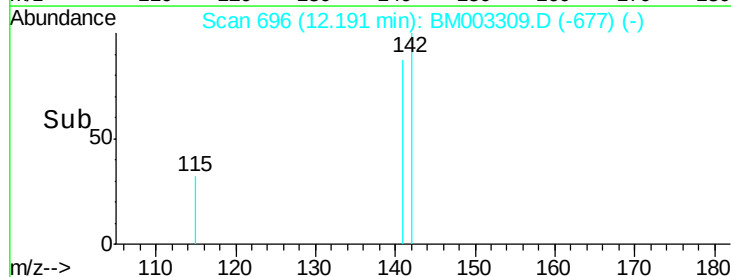
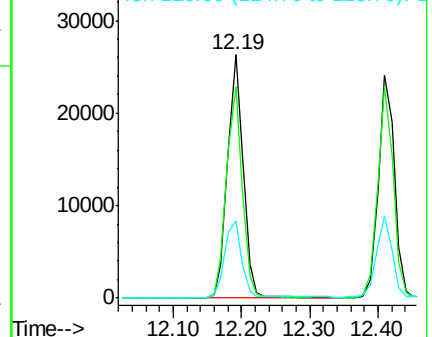
115 31.9 28.0 42.0

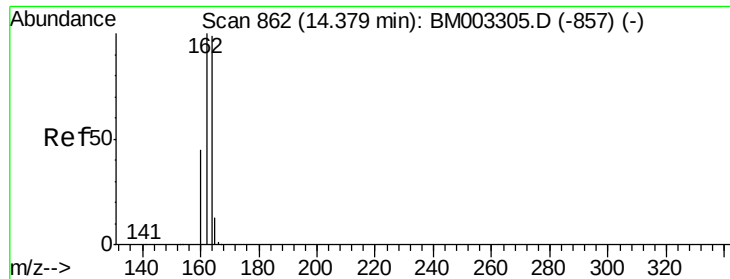


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

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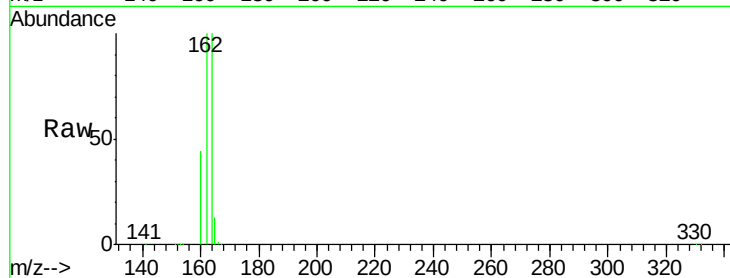
Tot Ion:164 Resp: 155930

Ion Ratio Lower Upper

164 100

162 99.7 78.3 117.5

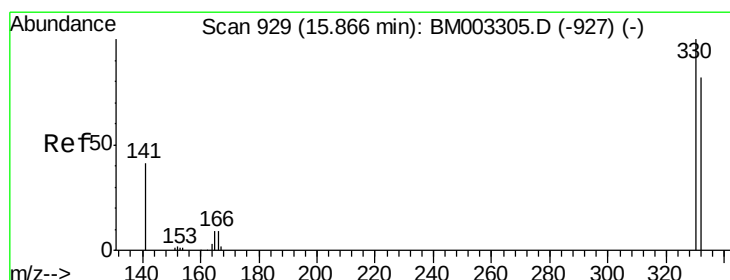
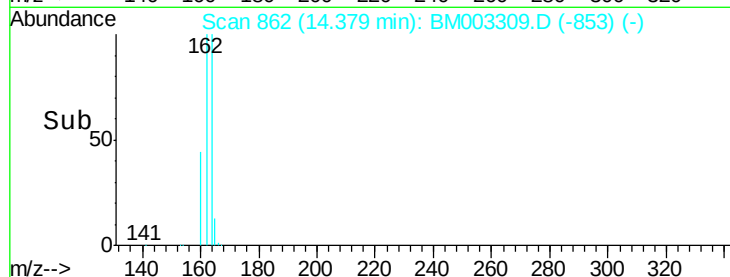
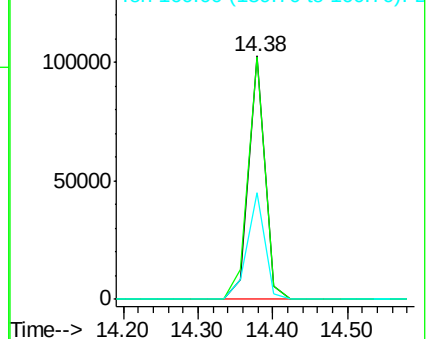
160 43.7 33.8 50.6



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: 0.90 ng

RT: 15.87 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

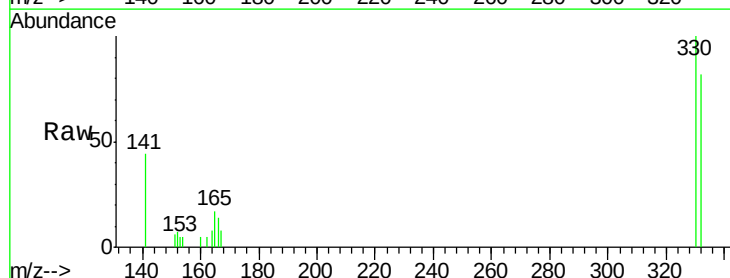
Tgt Ion:330 Resp: 2514

Ion Ratio Lower Upper

330 100

332 94.3 76.0 114.0

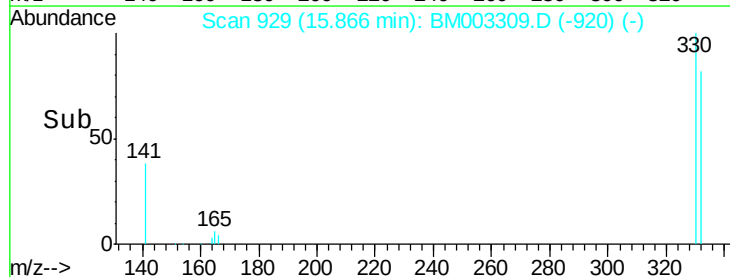
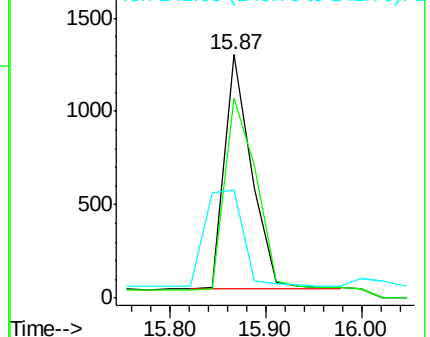
141 56.3 0.0 0.0#

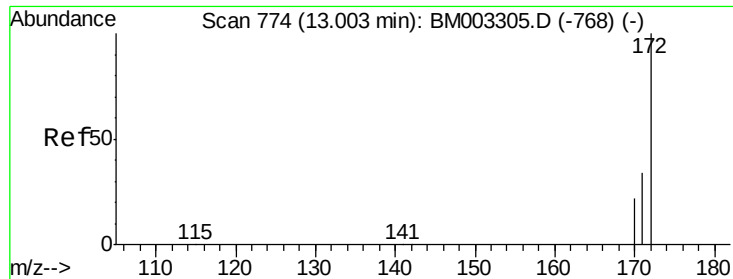


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

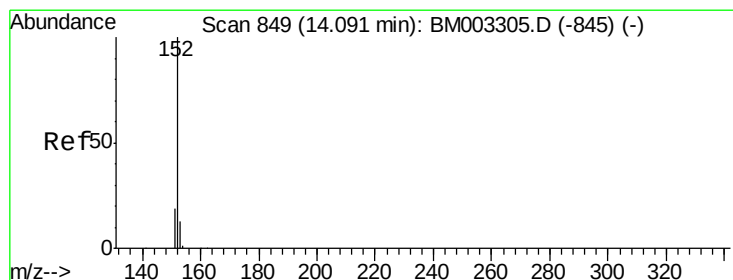
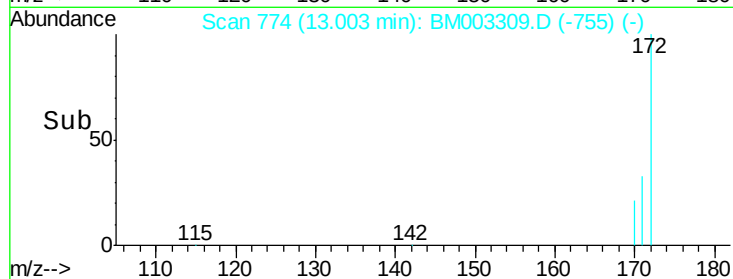
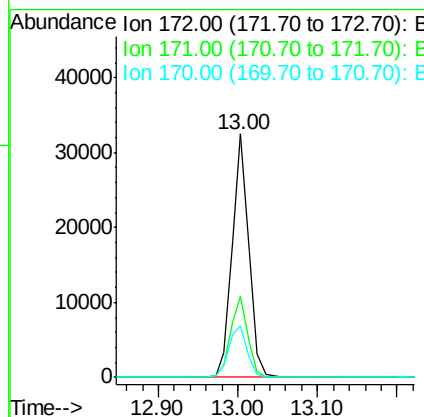
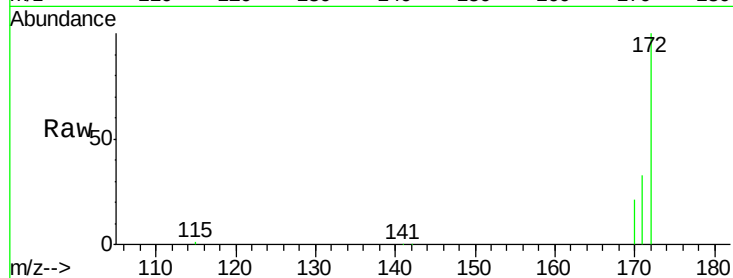




#15
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

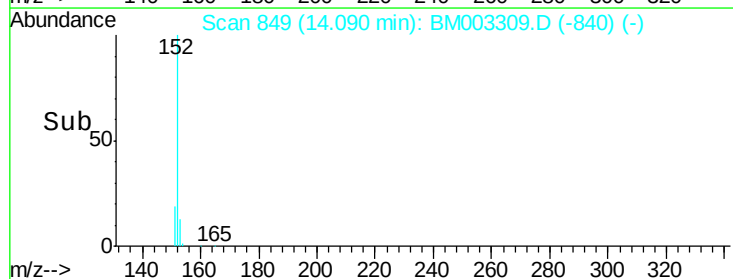
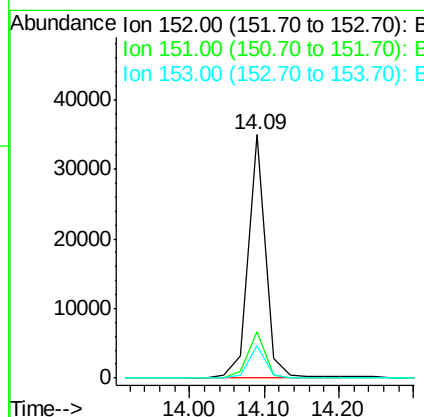
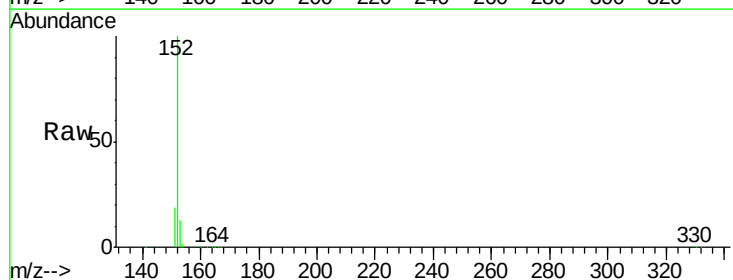
Instrument :
BNA_M
ClientSampleId :
ICVBM112715

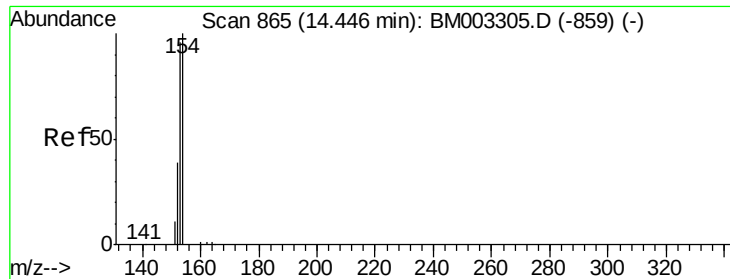
Tot Ion:172 Resp: 46594
Ion Ratio Lower Upper
172 100
171 33.2 28.0 42.0
170 21.3 18.9 28.3



#16
Acenaphthylene
Concen: 0.98 ng
RT: 14.09 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

Tgt Ion:152 Resp: 56031
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 13.0 10.4 15.6

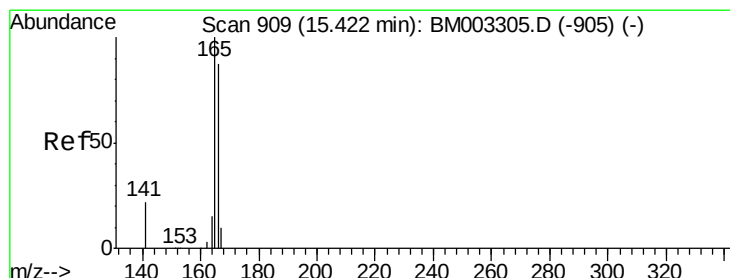
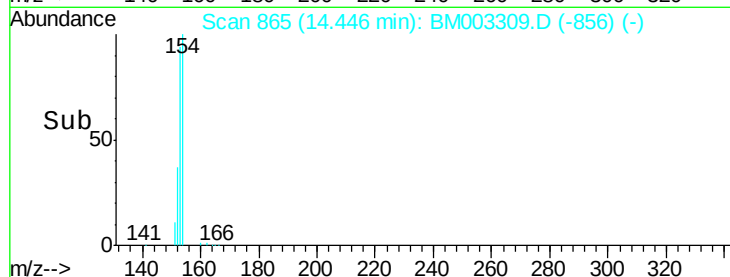
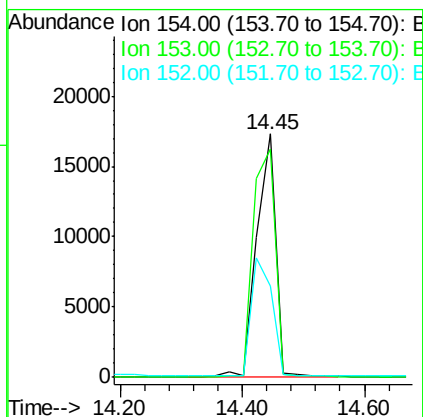
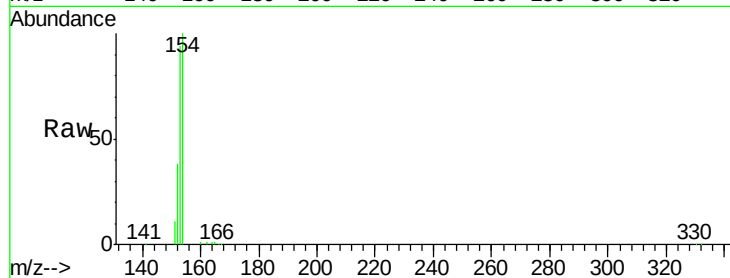




#17
Acenaphthene
Concen: 0.85 ng
RT: 14.45 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

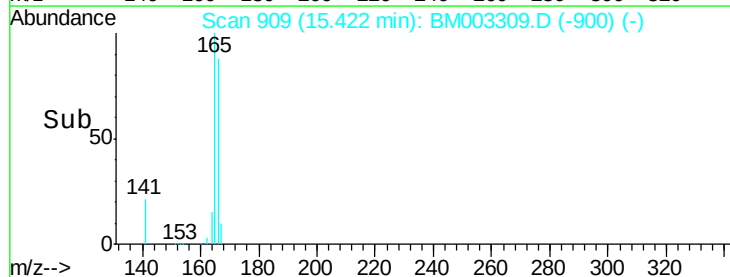
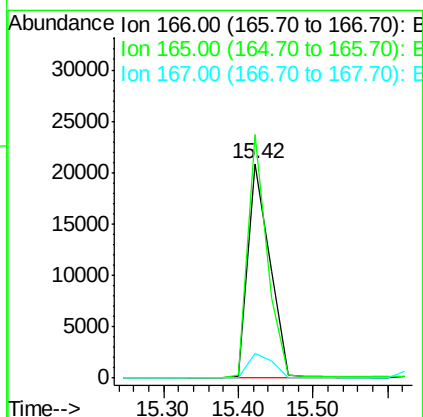
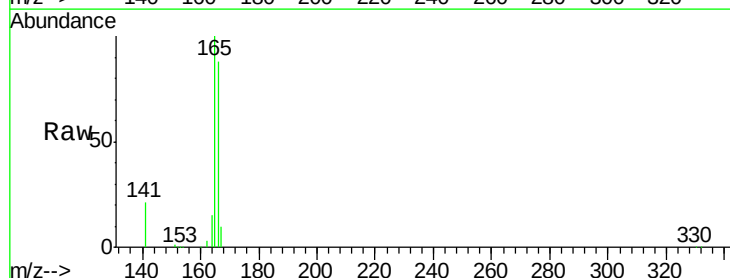
Instrument :
BNA_M
ClientSampleId :
ICVBM112715

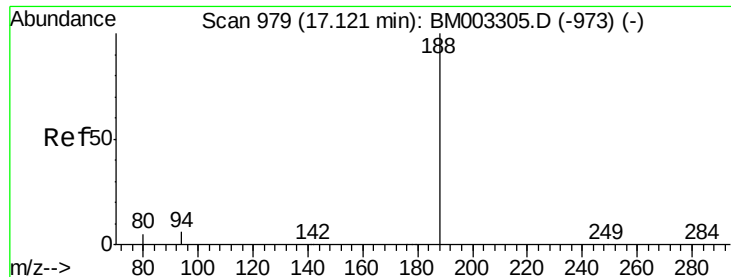
Tot Ion:154 Resp: 37435
Ion Ratio Lower Upper
154 100
153 108.9 0.0 0.0#
152 0.0 0.0 0.0



#18
Fluorene
Concen: 0.95 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

Tgt Ion:166 Resp: 42058
Ion Ratio Lower Upper
166 100
165 101.1 80.8 121.2
167 13.1 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

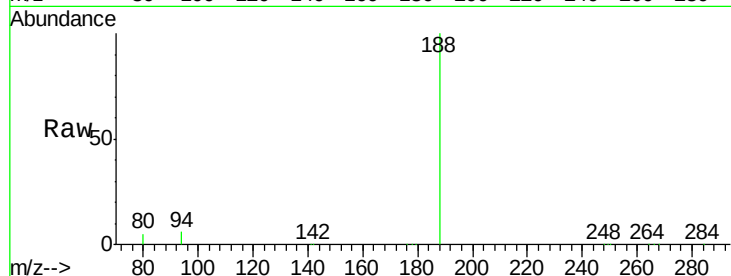
Tot Ion:188 Resp: 325260

Ion Ratio Lower Upper

188 100

94 5.6 1.8 2.6#

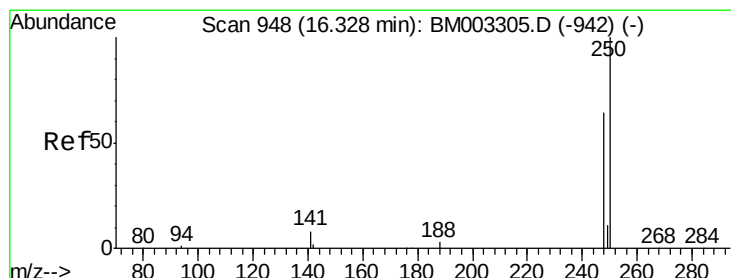
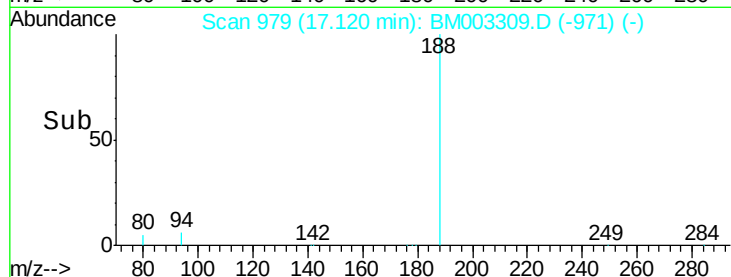
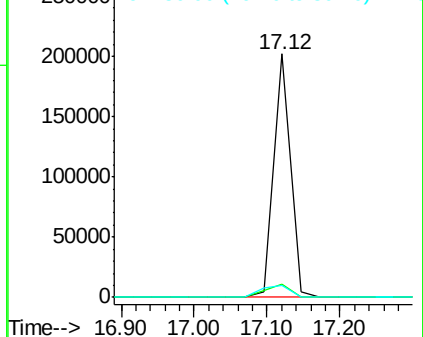
80 4.8 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 0.89 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

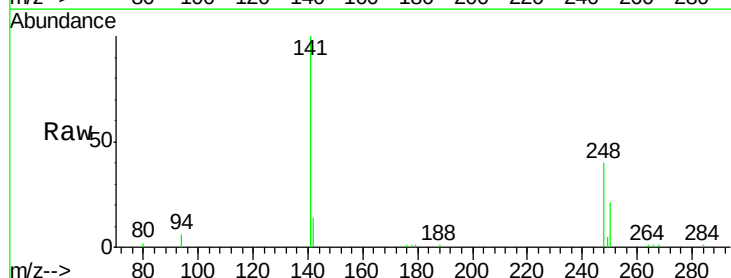
Tgt Ion:248 Resp: 8704

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

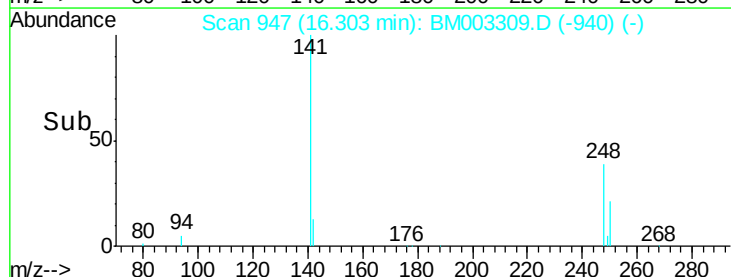
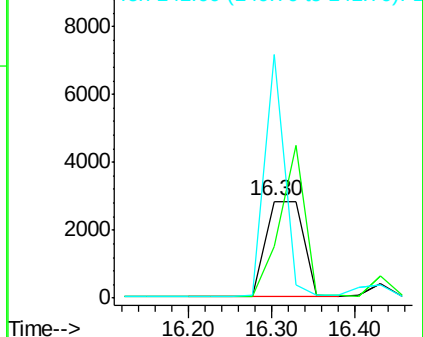
141 132.2 72.8 109.2#

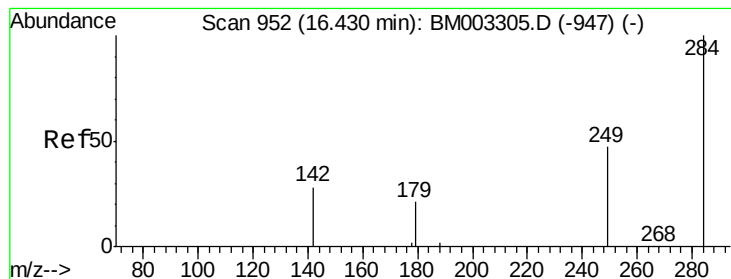


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.00 ng

RT: 16.43 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

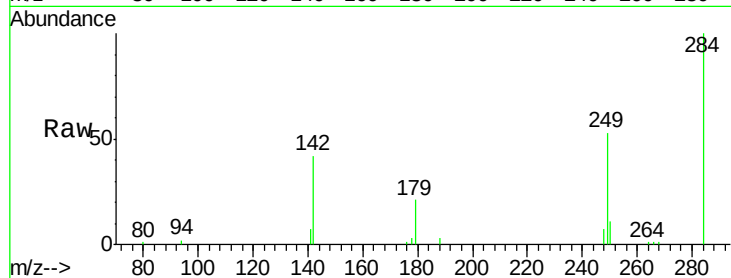
Tot Ion:284 Resp: 11401

Ion Ratio Lower Upper

284 100

142 46.2 0.0 0.0#

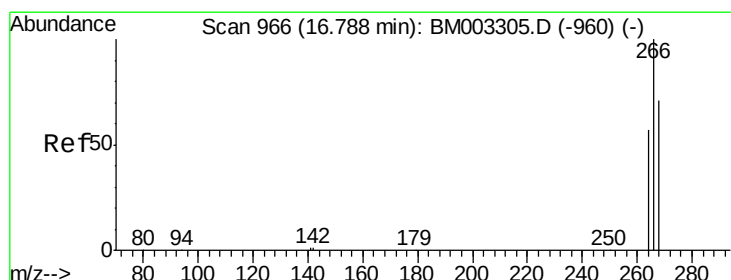
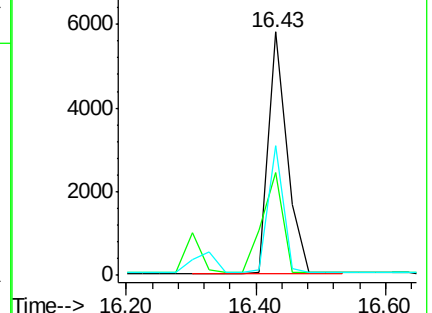
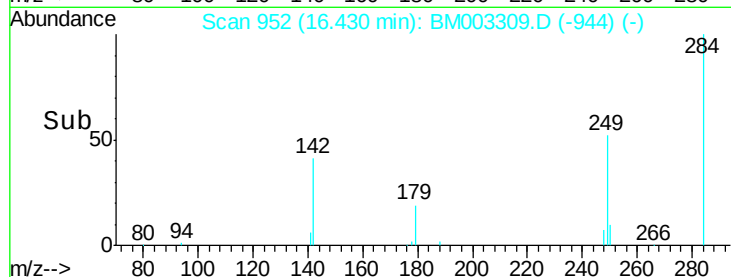
249 42.5 19.4 29.2#



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: 0.81 ng

RT: 16.79 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

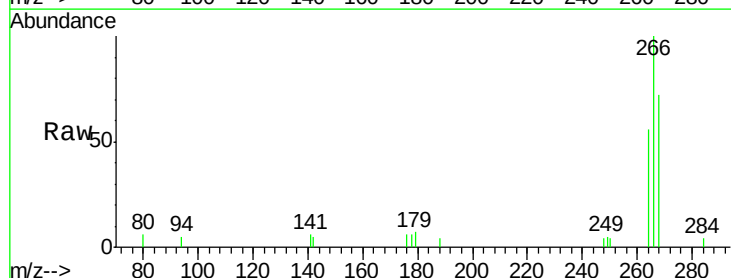
Tgt Ion:266 Resp: 2699

Ion Ratio Lower Upper

266 100

268 71.9 45.8 68.8#

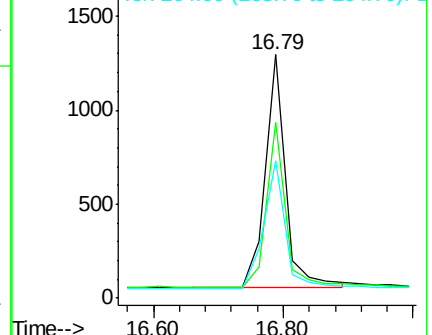
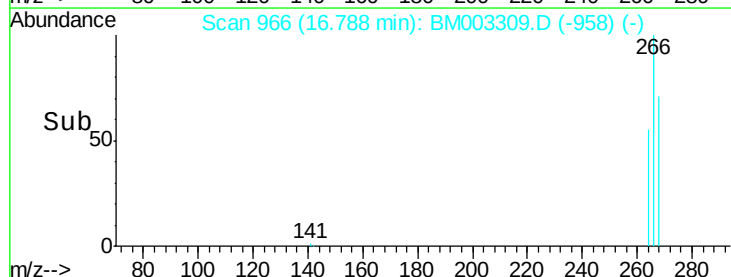
264 56.3 56.7 85.1#

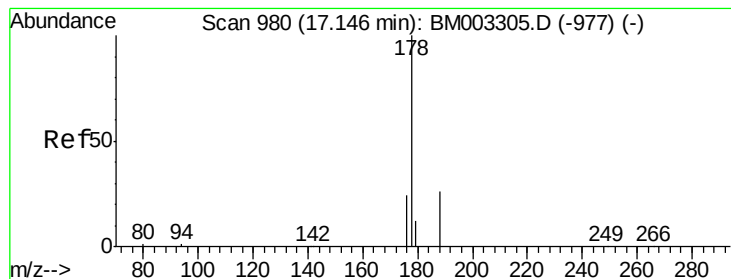


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.88 ng

RT: 17.15 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

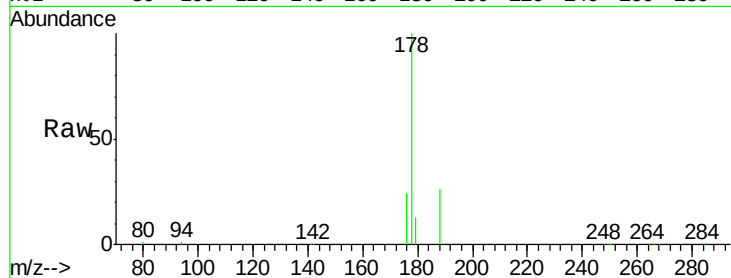
Tot Ion:178 Resp: 59396

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

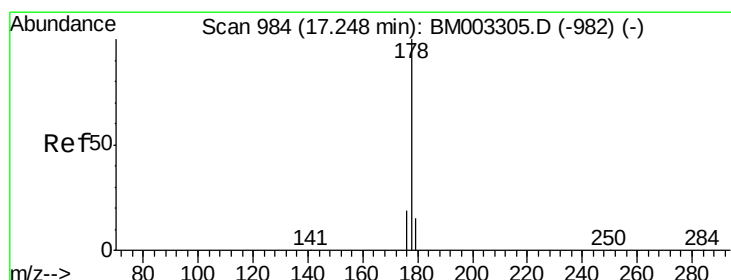
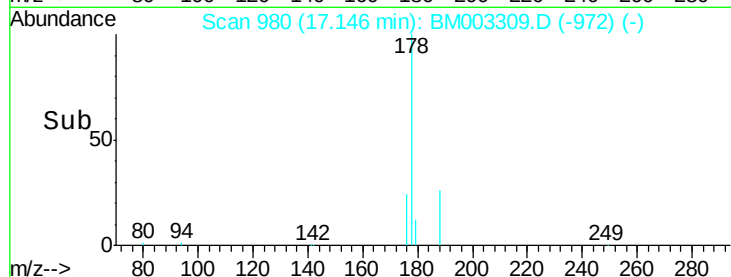
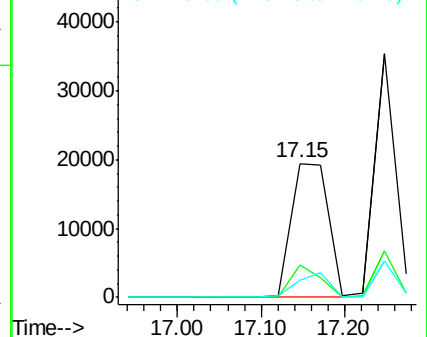
179 0.0 11.7 17.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.00 ng

RT: 17.25 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

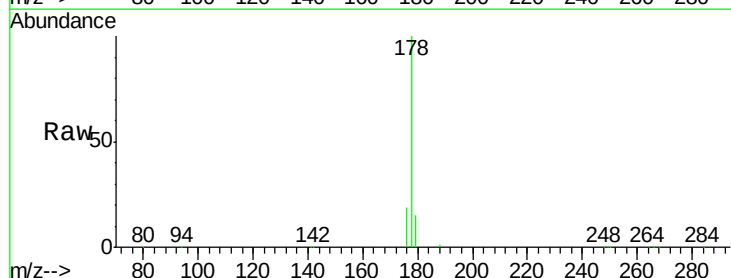
Tgt Ion:178 Resp: 60812

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

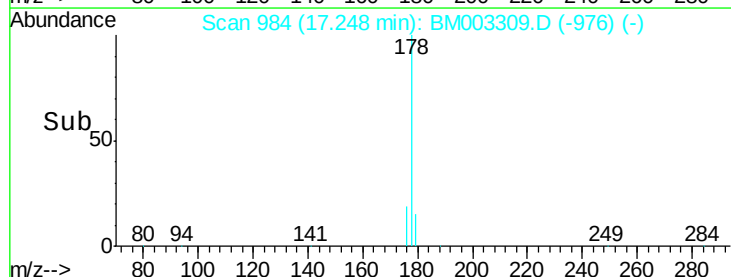
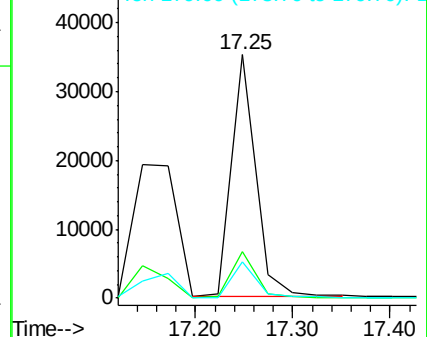
179 14.9 12.8 19.2

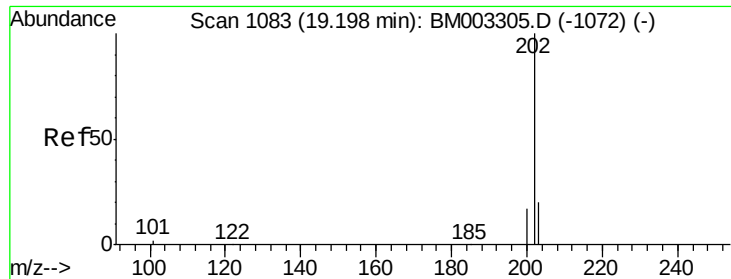


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.80 ng

RT: 19.20 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

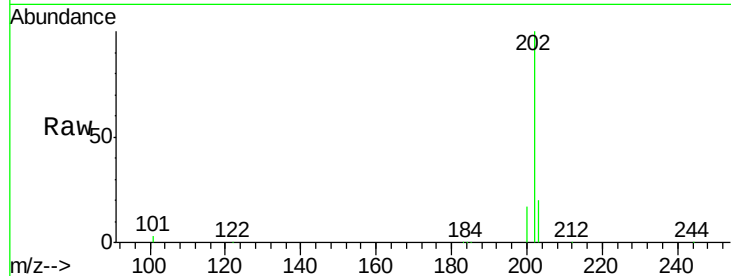
Tot Ion:202 Resp: 56680

Ion Ratio Lower Upper

202 100

101 12.5 9.9 14.9

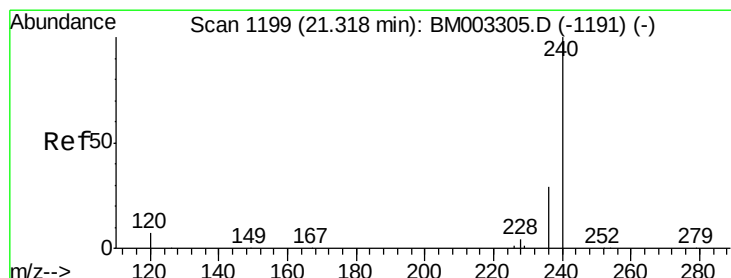
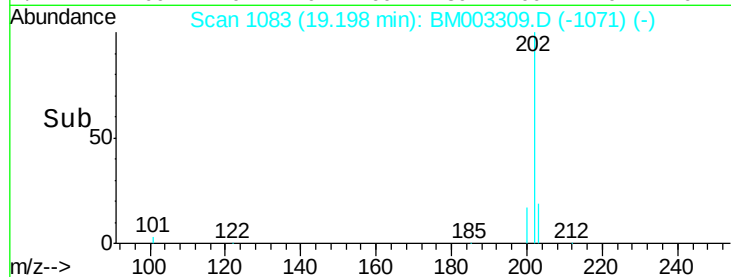
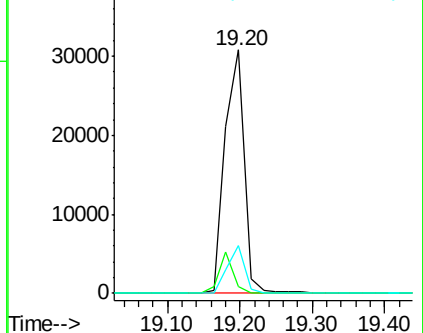
203 17.5 13.9 20.9



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. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

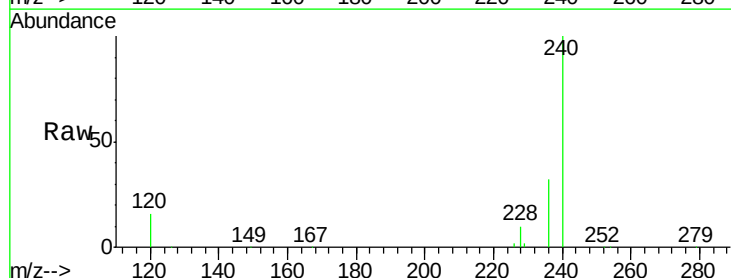
Tgt Ion:240 Resp: 188600

Ion Ratio Lower Upper

240 100

120 16.0 1.0 1.4#

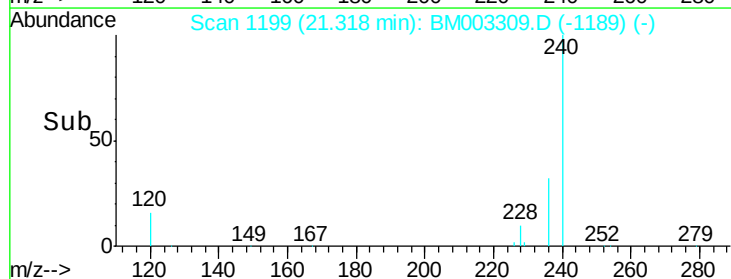
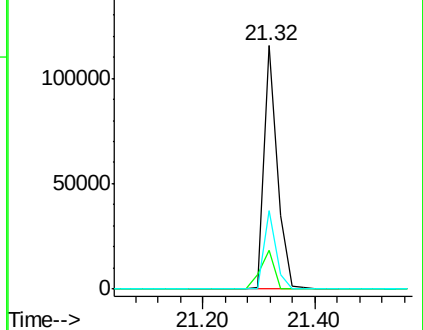
236 32.3 17.9 26.9#

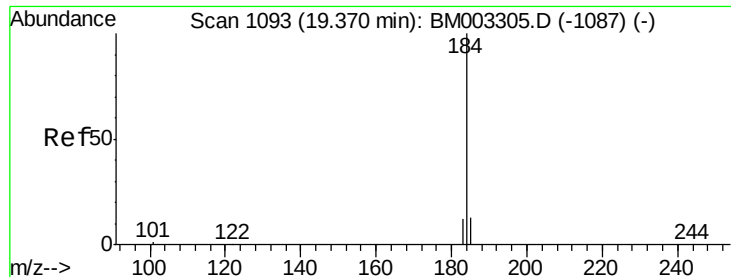


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

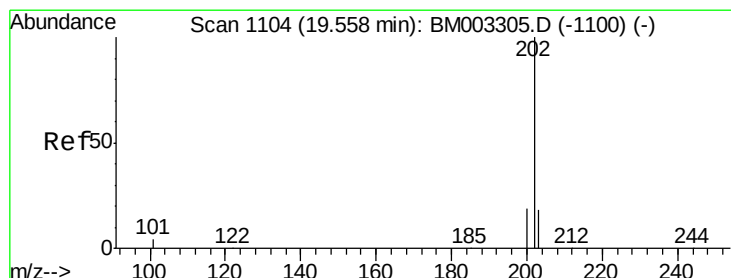
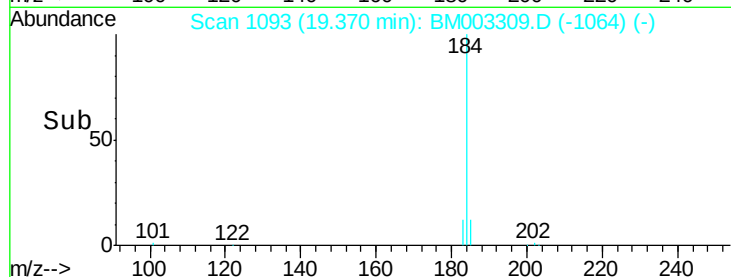
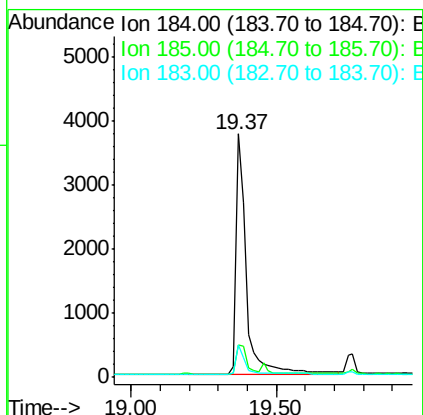
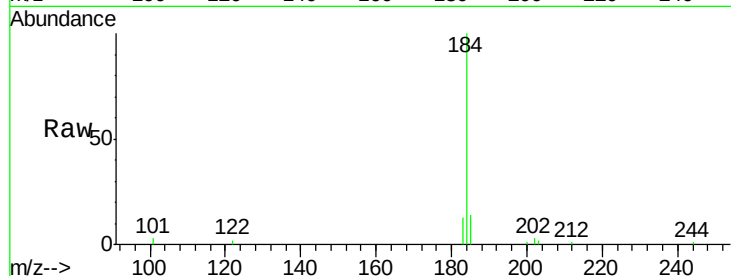




#27
Benzidine
Concen: 1.20 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

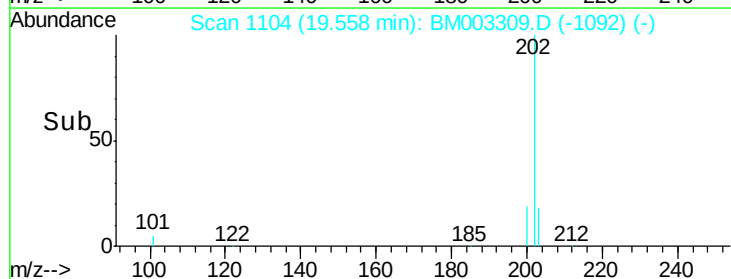
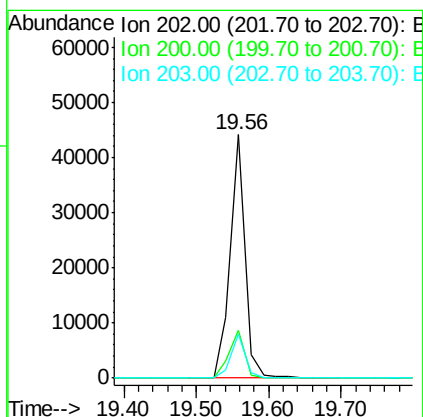
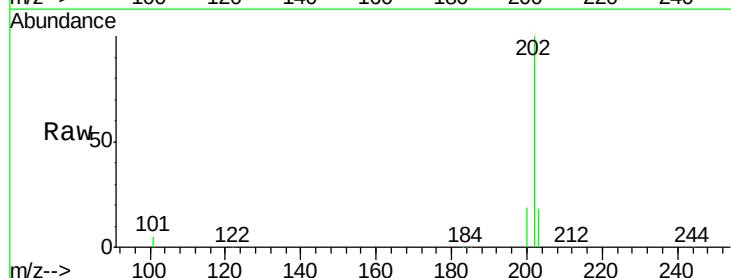
Instrument :
BNA_M
ClientSampleId :
ICVBM112715

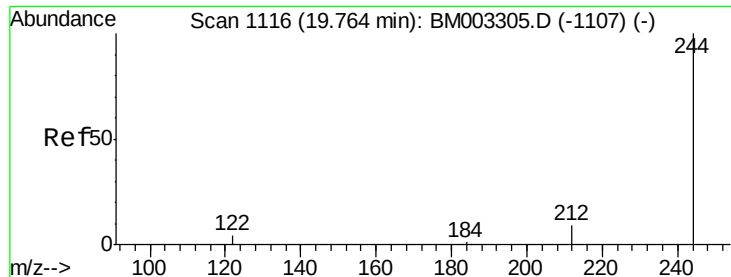
Tot Ion:184 Resp: 9057
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 13.5 8.6 13.0#



#28
Pyrene
Concen: 1.07 ng
RT: 19.56 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM003309.D
Acq: 27 Nov 2015 17:21

Tgt Ion:202 Resp: 61940
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.5 13.8 20.6





#29

Terphenyl-d14

Concen: 1.11 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

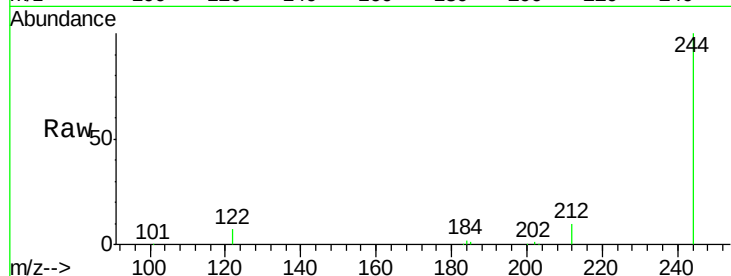
Tot Ion:244 Resp: 29290

Ion Ratio Lower Upper

244 100

212 9.8 6.5 9.7#

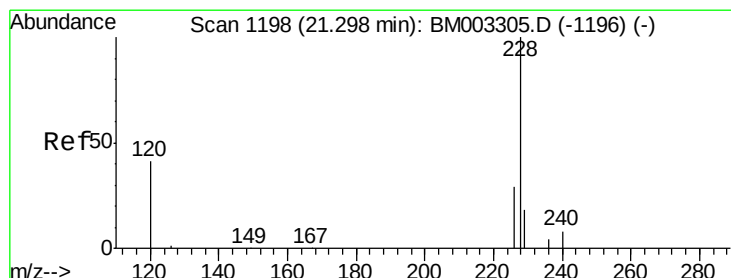
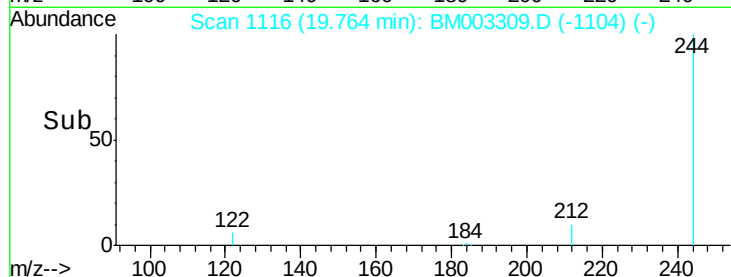
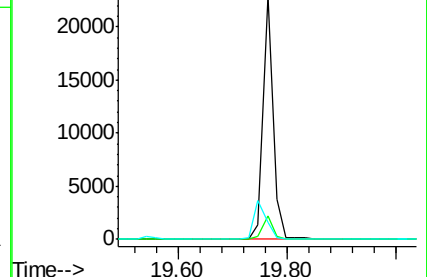
122 7.0 2.0 3.0#



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: 2.16 ng

RT: 21.36 min Scan# 1201

Delta R.T. 0.06 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

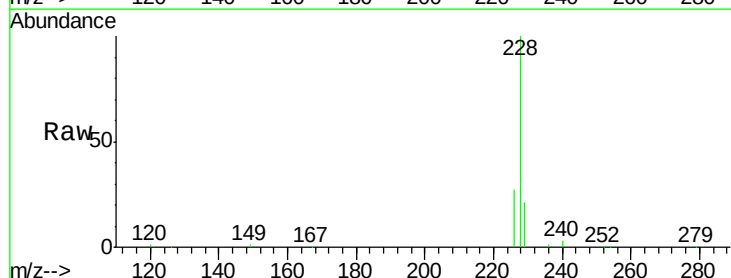
Tgt Ion:228 Resp: 103087

Ion Ratio Lower Upper

228 100

226 27.5 17.8 26.6#

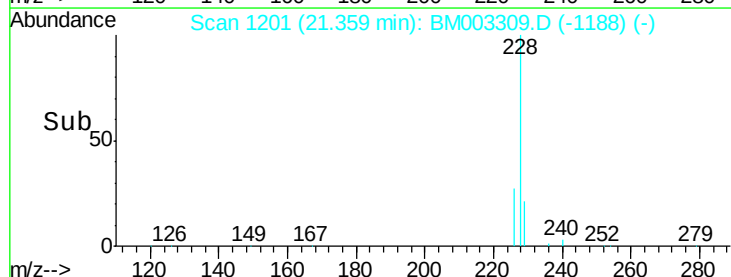
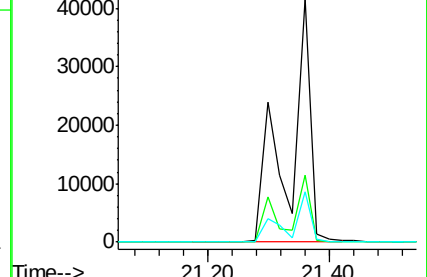
229 20.6 18.0 27.0

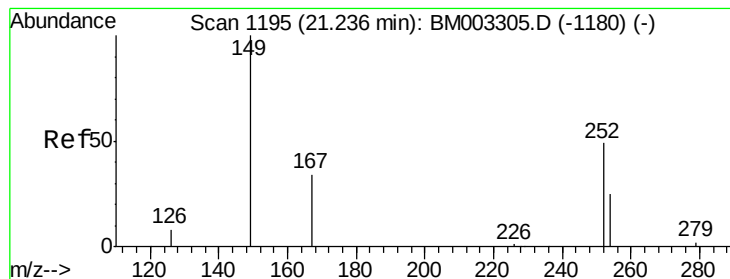


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.95 ng

RT: 21.26 min Scan# 1196

Delta R.T. 0.02 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

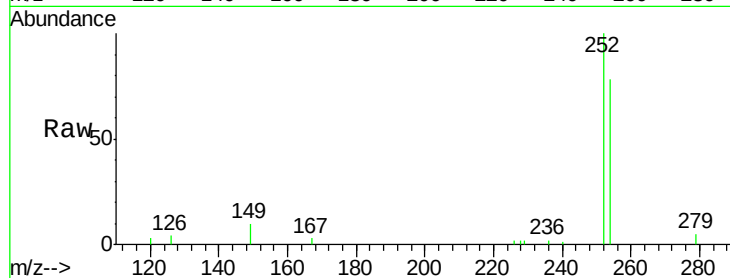
Tot Ion:252 Resp: 8268

Ion Ratio Lower Upper

252 100

254 77.6 53.7 80.5

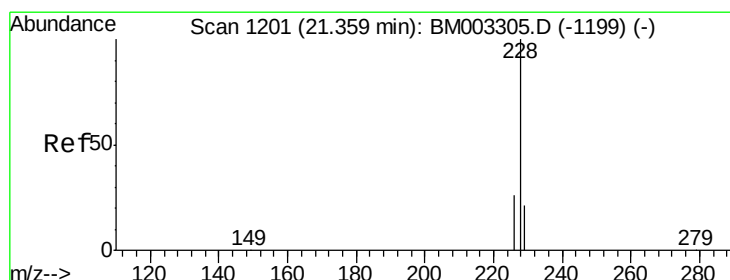
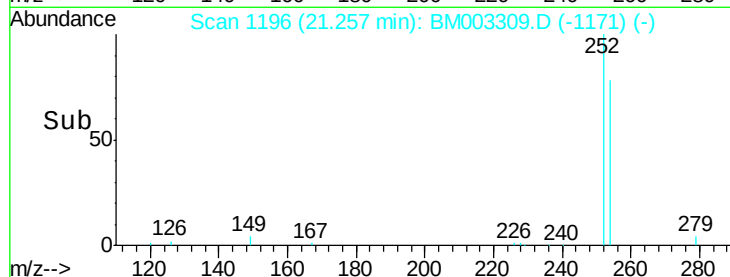
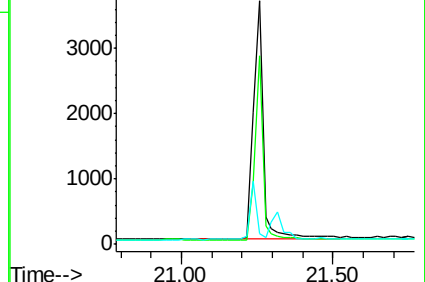
126 4.2 2.8 4.2



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: 1.94 ng

RT: 21.36 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

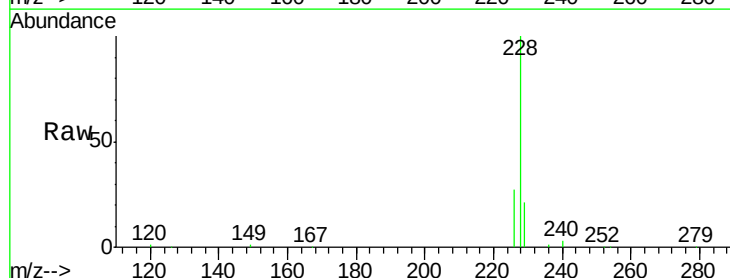
Tgt Ion:228 Resp: 103533

Ion Ratio Lower Upper

228 100

226 27.5 25.5 38.3

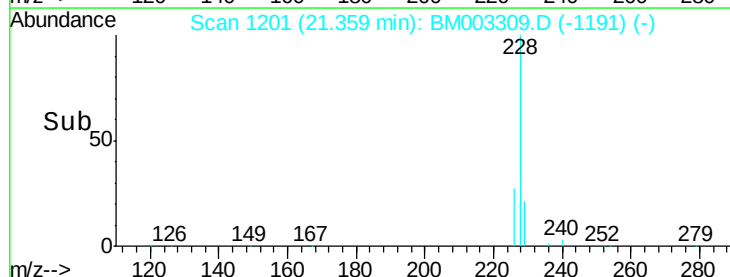
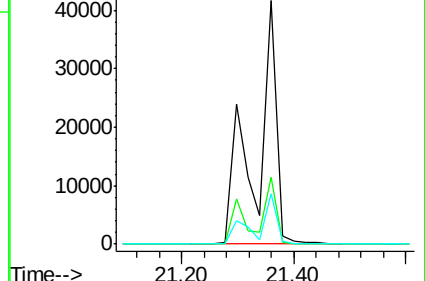
229 20.6 14.3 21.5

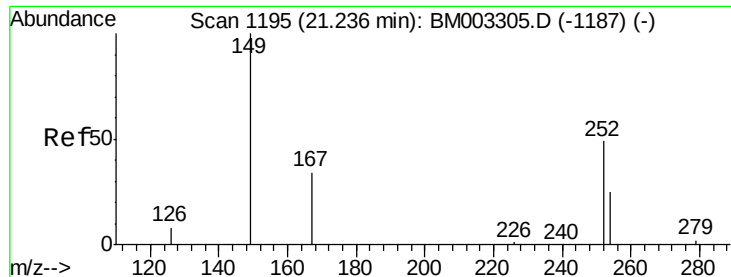


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.15 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

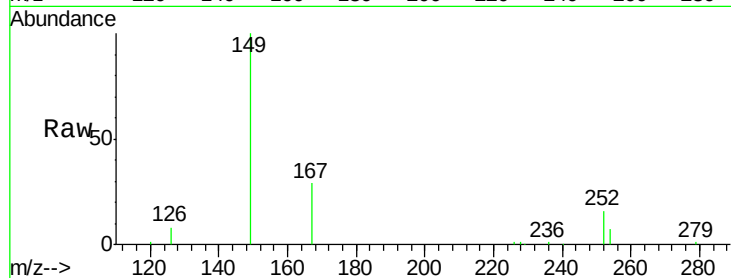
Tot Ion:149 Resp: 16960

Ion Ratio Lower Upper

149 100

167 27.9 19.6 29.4

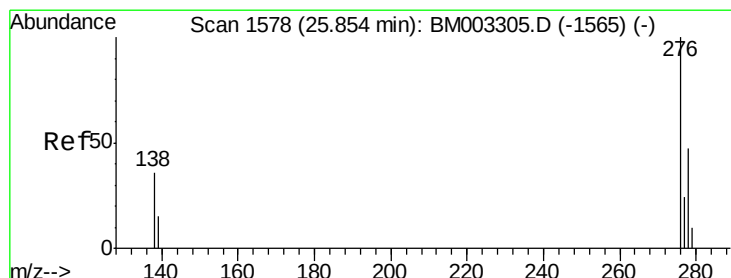
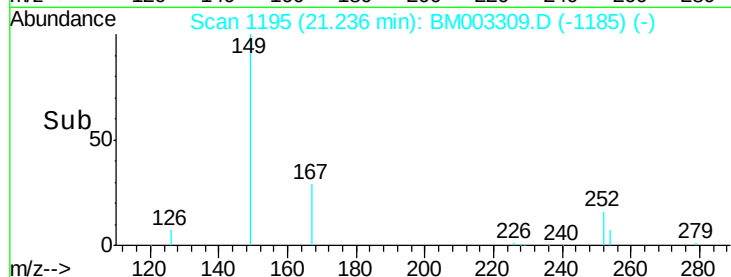
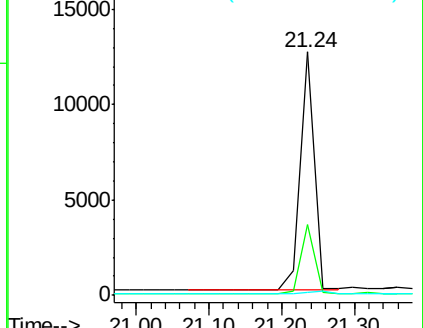
279 0.0 0.0 0.0



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: 1.05 ng

RT: 25.86 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

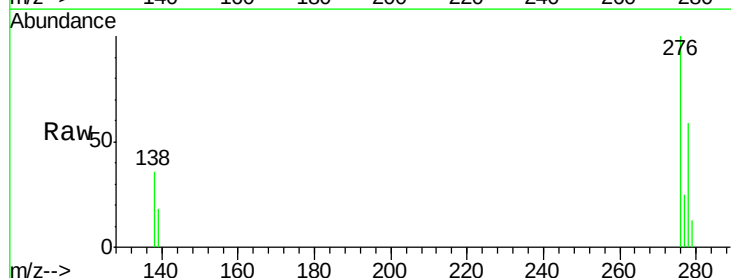
Tgt Ion:276 Resp: 45762

Ion Ratio Lower Upper

276 100

138 37.2 19.1 28.7#

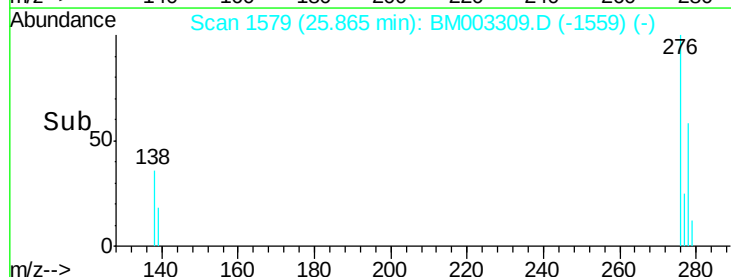
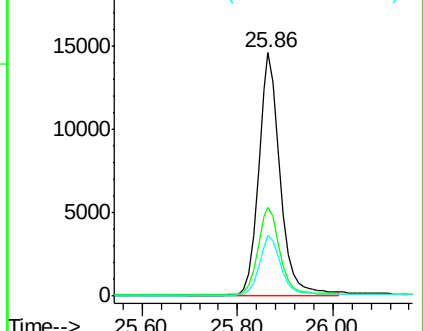
277 24.9 15.9 23.9#

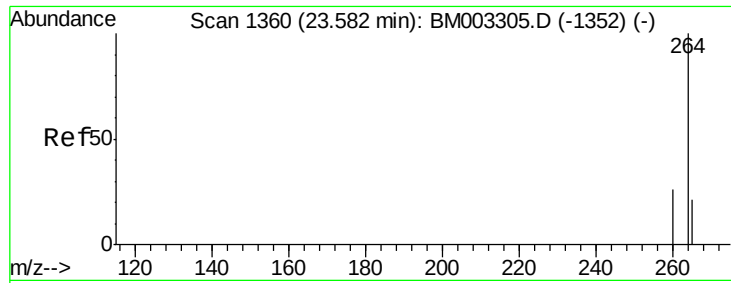


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

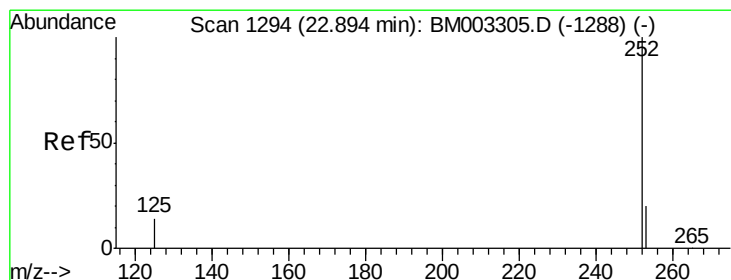
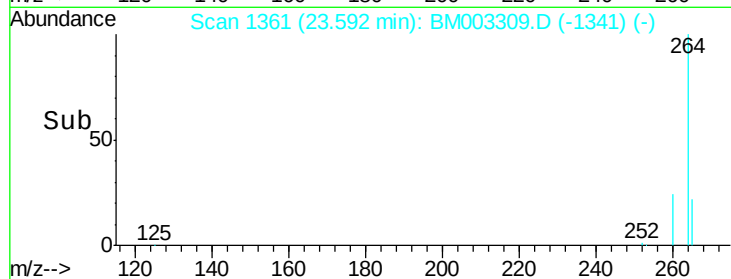
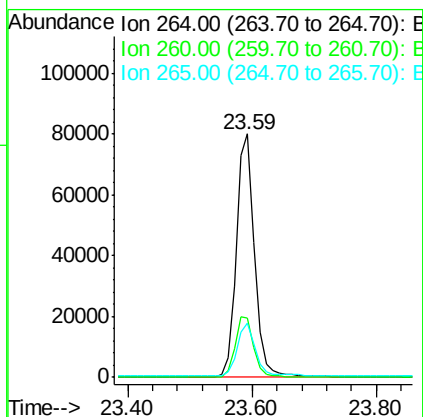
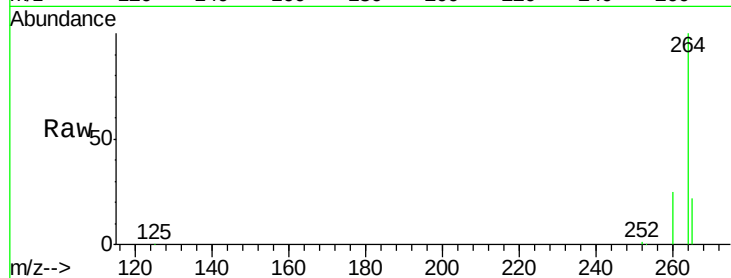




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BM003309.D
 Acq: 27 Nov 2015 17:21

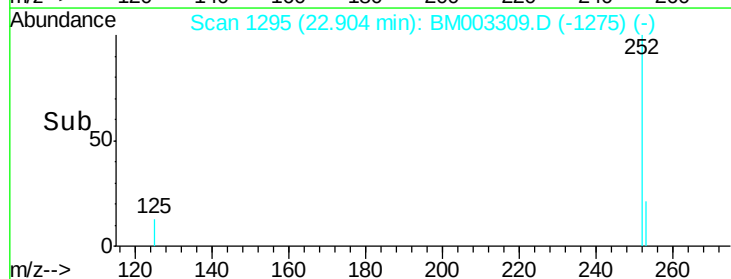
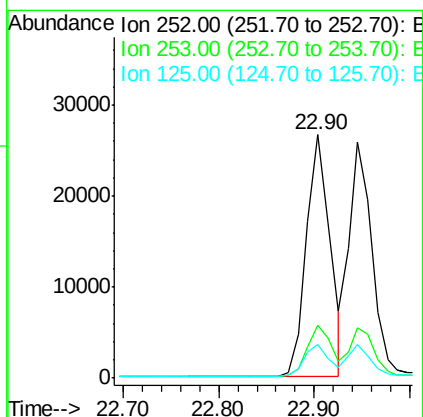
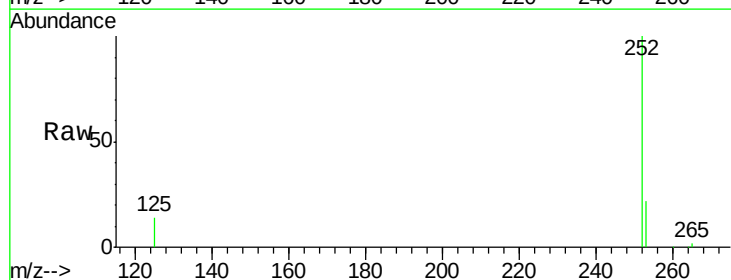
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM112715

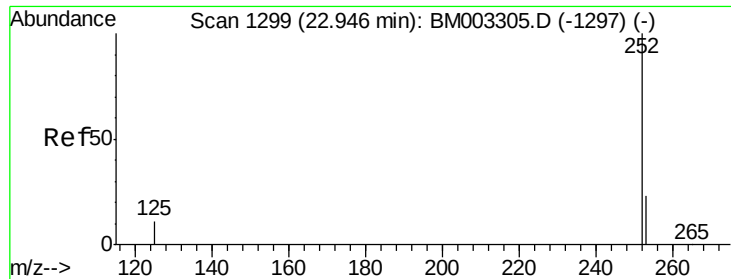
Tot Ion:264 Resp: 163351
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.5 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.97 ng
 RT: 22.90 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BM003309.D
 Acq: 27 Nov 2015 17:21

Tgt Ion:252 Resp: 45700
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.4
 125 13.9 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 1.04 ng

RT: 22.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

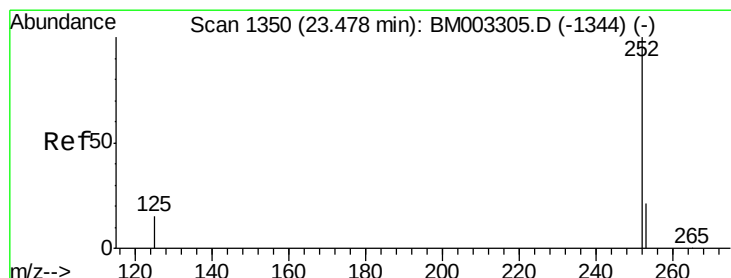
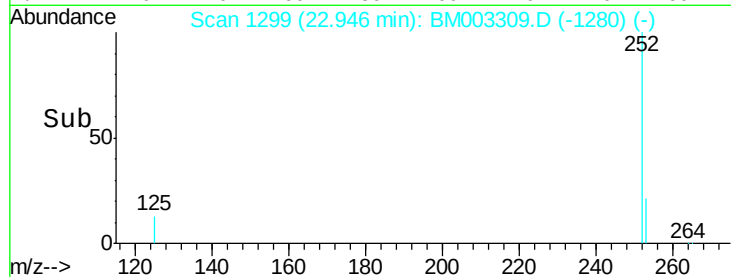
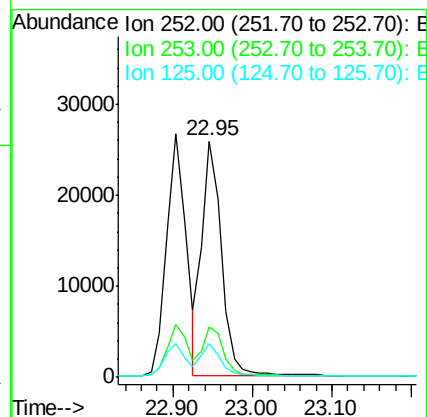
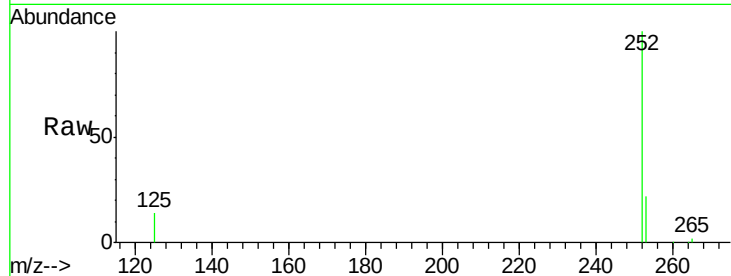
Tot Ion:252 Resp: 44151

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 14.1 10.7 16.1



#38

Benzo(a)pyrene

Concen: 1.00 ng

RT: 23.49 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

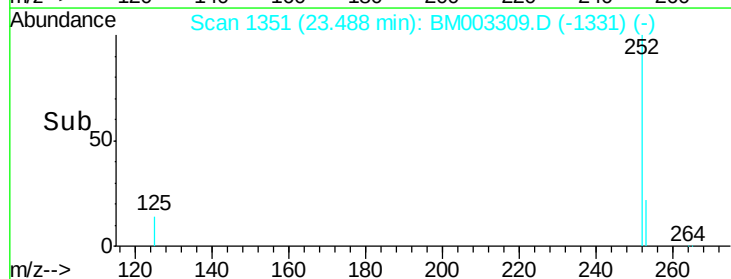
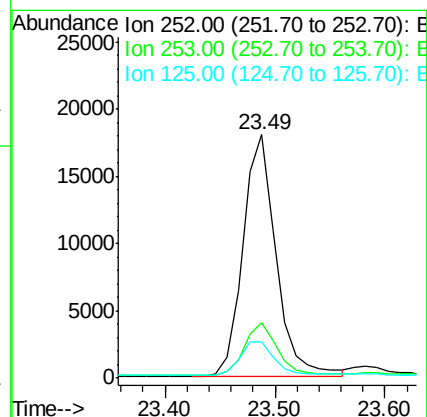
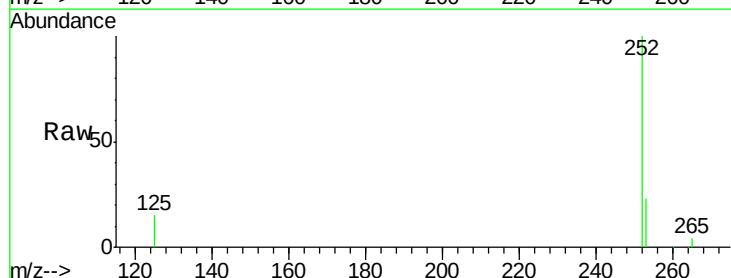
Tgt Ion:252 Resp: 37274

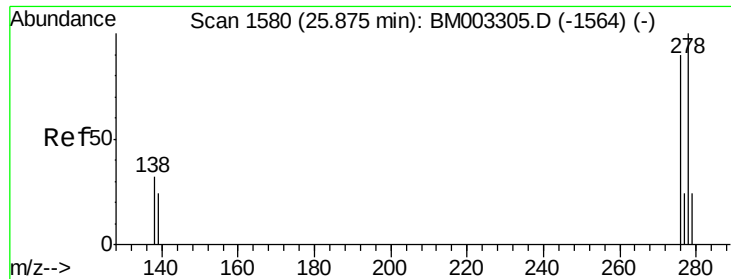
Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

125 15.1 11.6 17.4





#39

Dibenzo(a,h)anthracene

Concen: 1.13 ng

RT: 25.89 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

Instrument :

BNA_M

ClientSampleId :

ICVBM112715

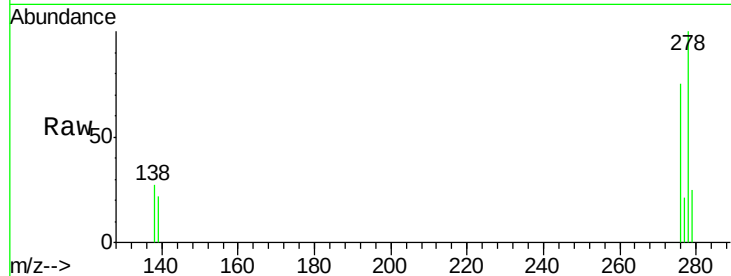
Tot Ion:278 Resp: 36490

Ion Ratio Lower Upper

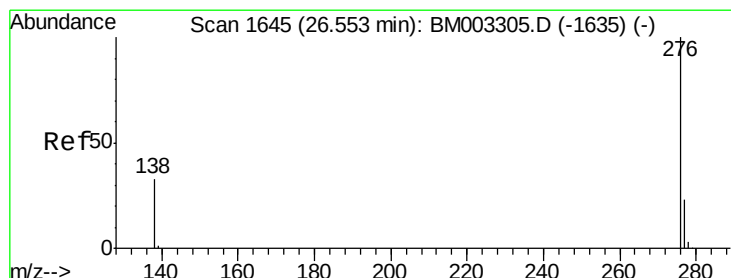
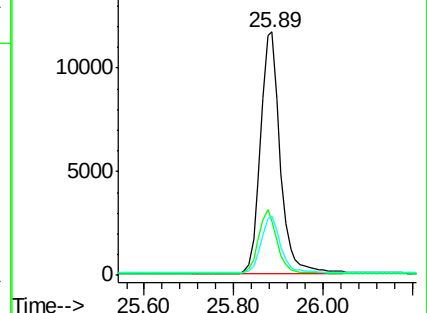
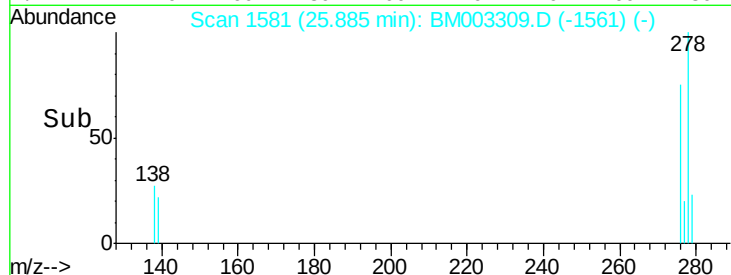
278 100

139 22.4 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: 1.02 ng

RT: 26.56 min Scan# 1646

Delta R.T. 0.01 min

Lab File: BM003309.D

Acq: 27 Nov 2015 17:21

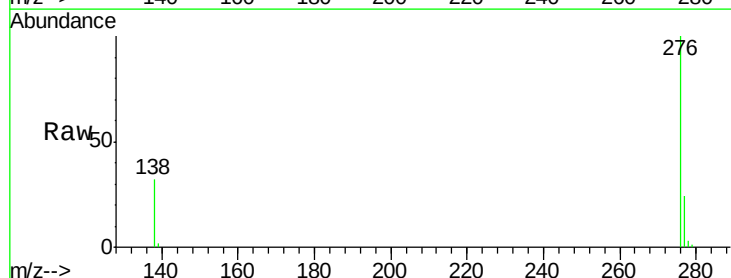
Tgt Ion:276 Resp: 39683

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 32.1 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

