

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
 Data File : BM001267.D
 Acq On : 13 May 2015 00:54
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051315

Quant Time: May 13 05:49:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13575	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	47937	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25099	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	64177	5.00	ng	0.00
24) Chrysene-d12	21.07	240	44079	5.00	ng	-0.01
30) Perylene-d12	23.18	264	40450	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	2505	0.95	ng	0.00
5) Phenol-d6	6.63	99	2735	0.92	ng	0.00
7) Nitrobenzene-d5	8.60	82	2323	0.87	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	551	0.73	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	7541	0.97	ng	0.00
26) Terphenyl-d14	19.51	244	5484	0.93	ng	-0.01

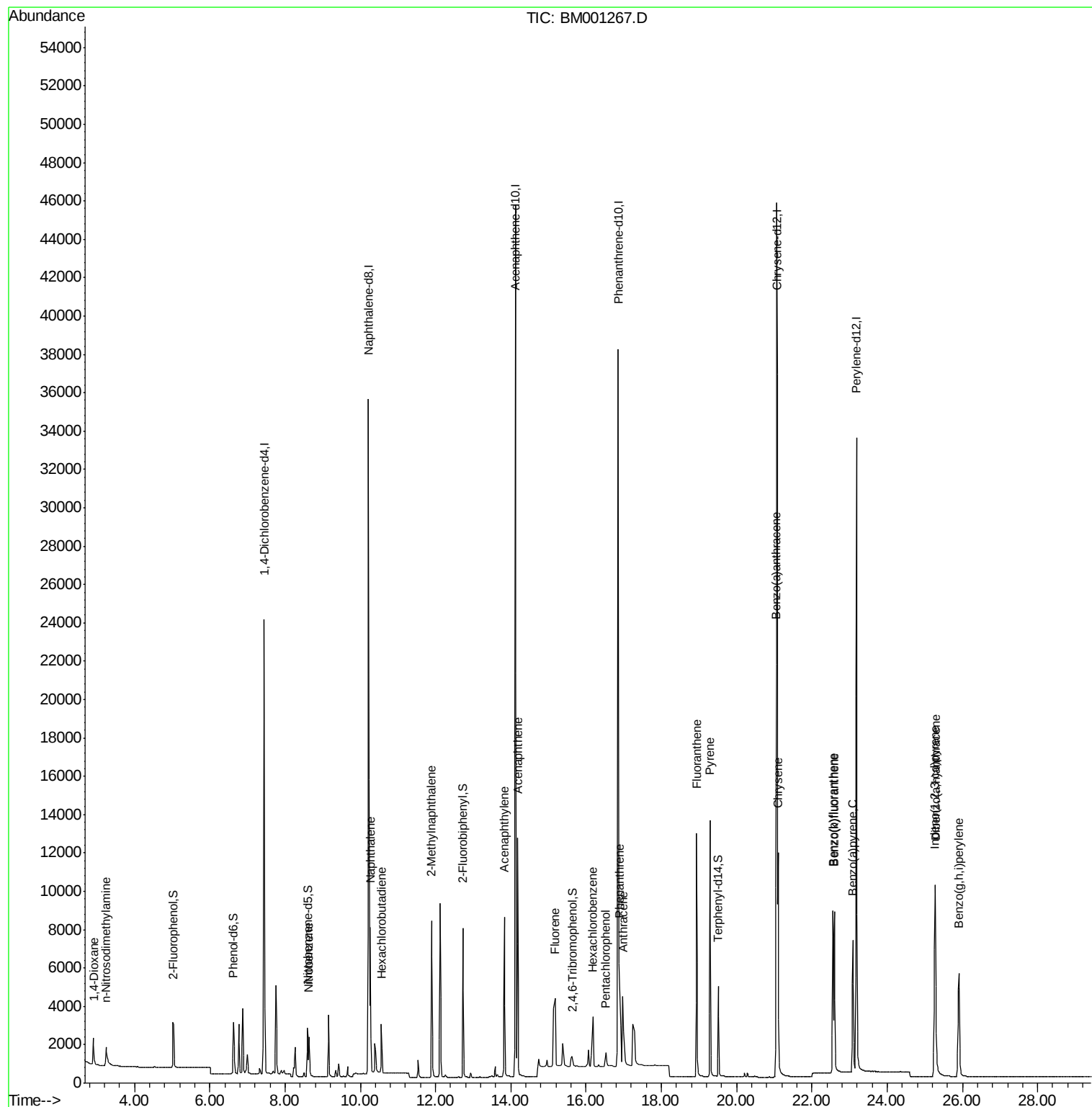
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	1788	1.08	ng	93
3) n-Nitrosodimethylamine	3.24	42	1541	1.00	ng	# 87
8) Nitrobenzene	8.64	77	2466	0.87	ng	99
9) Naphthalene	10.27	128	9894	0.97	ng	99
10) Hexachlorobutadiene	10.56	225	1902	0.95	ng	99
11) 2-Methylnaphthalene	11.90	142	6247	0.94	ng	97
15) Acenaphthylene	13.83	152	9571	0.93	ng	99
16) Acenaphthene	14.18	154	6258	0.95	ng	100
17) Fluorene	15.17	166	5146	0.86	ng	# 17
19) Hexachlorobenzene	16.18	284	3489	0.84	ng	# 94
20) Pentachlorophenol	16.52	266	545	0.84	ng	97
21) Phenanthrene	16.88	178	8240	0.84	ng	# 98
22) Anthracene	16.98	178	7878	0.83	ng	# 98
23) Fluoranthene	18.93	202	12065	0.79	ng	100
25) Pyrene	19.30	202	12602	0.93	ng	100
27) Benzo(a)anthracene	21.06	228	10790	0.90	ng	97
28) Chrysene	21.11	228	11657	0.96	ng	98
29) Indeno(1,2,3-cd)pyrene	25.27	276	12044	0.98	ng	100
31) Benzo(b)fluoranthene	22.56	252	11392	0.96	ng	97
32) Benzo(k)fluoranthene	22.60	252	10154	0.90	ng	98
33) Benzo(a)pyrene	23.09	252	9331	0.91	ng	99
34) Dibenzo(a,h)anthracene	25.28	278	9284	0.96	ng	97
35) Benzo(g,h,i)perylene	25.90	276	10304	0.97	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: 7.45 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

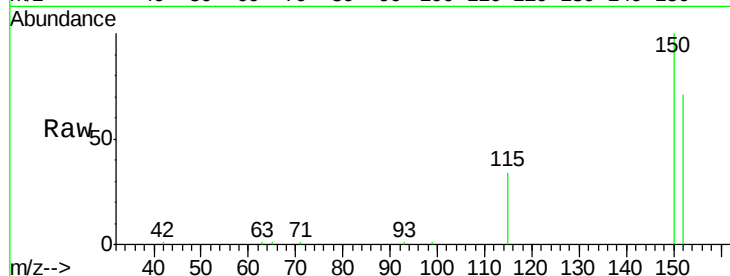
Tgt Ion: 152 Resp: 13575

Ion Ratio Lower Upper

152 100

150 141.0 114.6 172.0

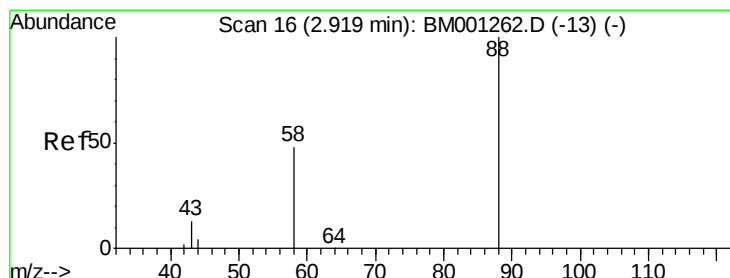
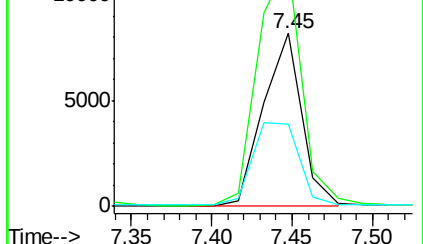
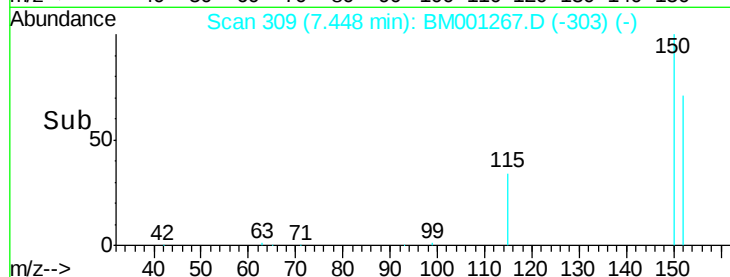
115 47.7 39.3 58.9



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: 1.08 ng

RT: 2.92 min Scan# 16

Delta R.T. 0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

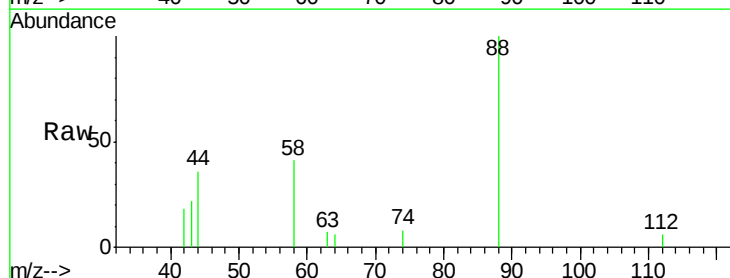
Tgt Ion: 88 Resp: 1788

Ion Ratio Lower Upper

88 100

58 54.9 39.0 58.6

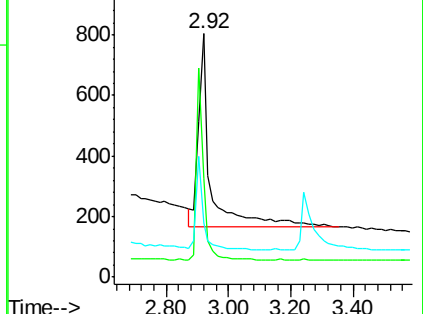
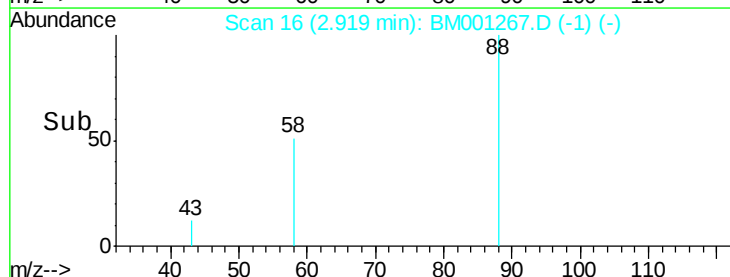
43 27.1 20.2 30.2



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: 3.24 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

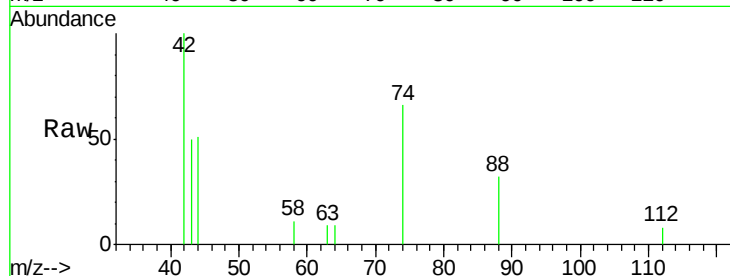
Tgt Ion: 42 Resp: 1541

Ion Ratio Lower Upper

42 100

74 89.0 82.1 123.1

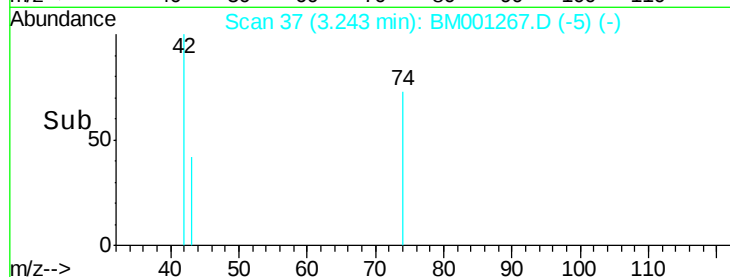
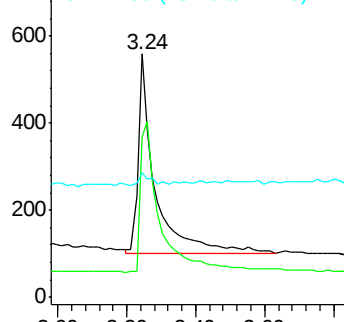
44 4.9 3.0 4.4#



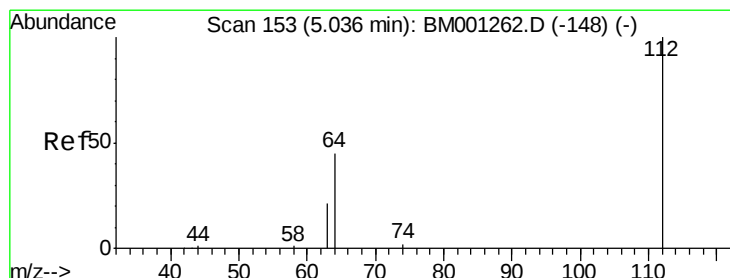
Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001262.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001262.D (-33) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.95 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

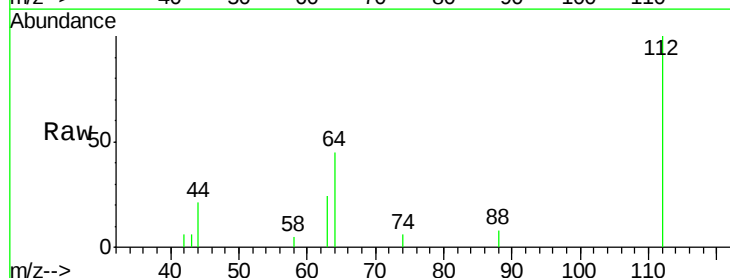
Tgt Ion: 112 Resp: 2505

Ion Ratio Lower Upper

112 100

64 63.6 50.8 76.2

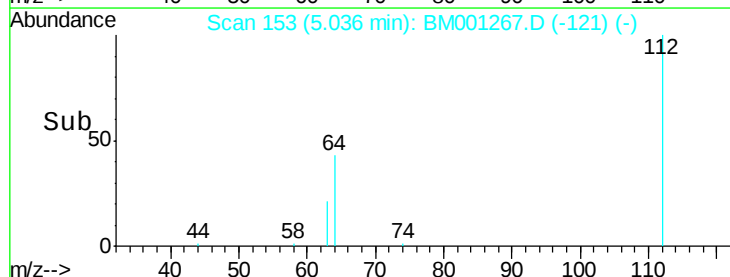
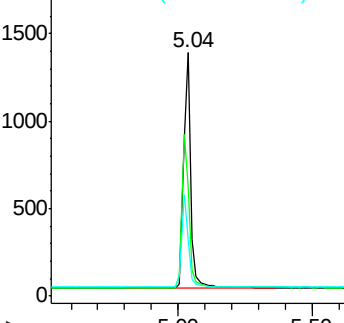
63 36.3 28.2 42.4



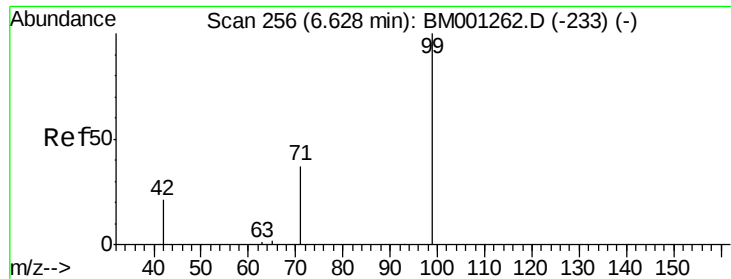
Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM001262.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM001262.D (-148) (-)



Time-->



#5

Phenol-d6

Concen: 0.92 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

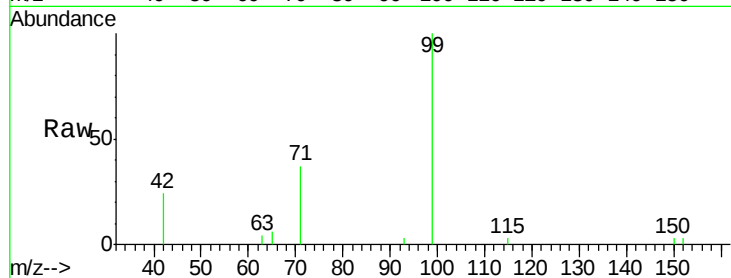
Tgt Ion: 99 Resp: 2735

Ion Ratio Lower Upper

99 100

42 25.6 19.9 29.9

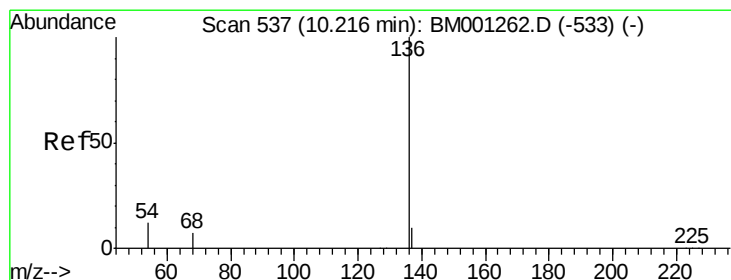
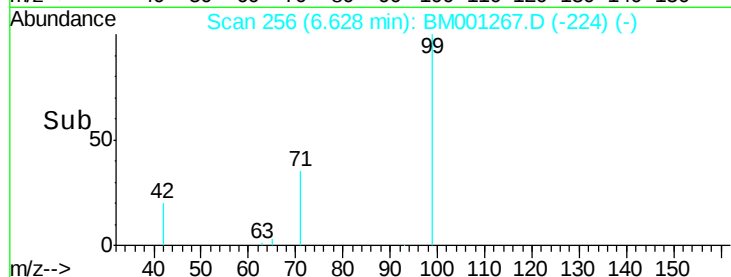
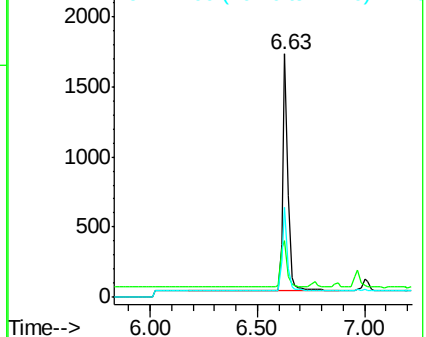
71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001267.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001267.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001267.D (-233) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Tgt Ion: 136 Resp: 47937

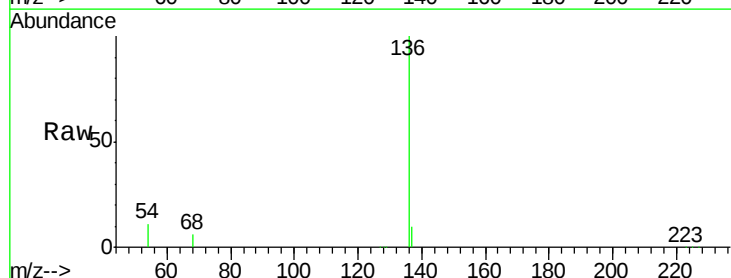
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 10.8 9.5 14.3

68 6.2 5.5 8.3

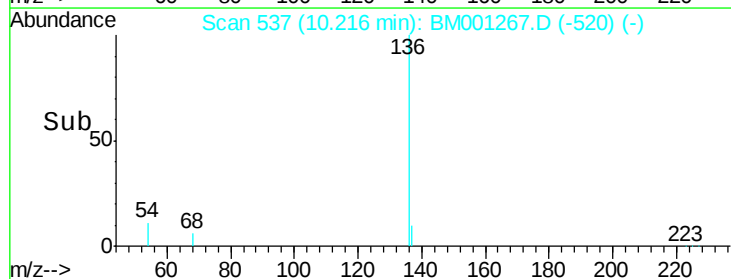
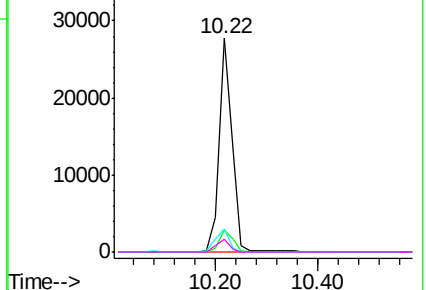


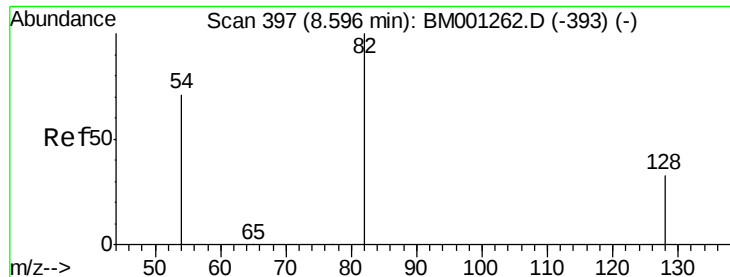
Abundance Ion 136.00 (135.70 to 136.70): BM001267.D (-533) (-)

Ion 137.00 (136.70 to 137.70): BM001267.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001267.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001267.D (-533) (-)





#7

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

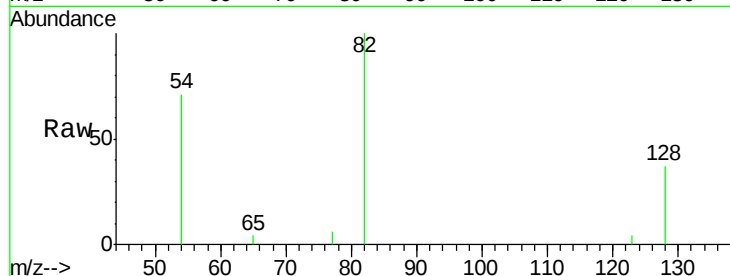
Tgt Ion: 82 Resp: 2323

Ion Ratio Lower Upper

82 100

128 36.8 28.0 42.0

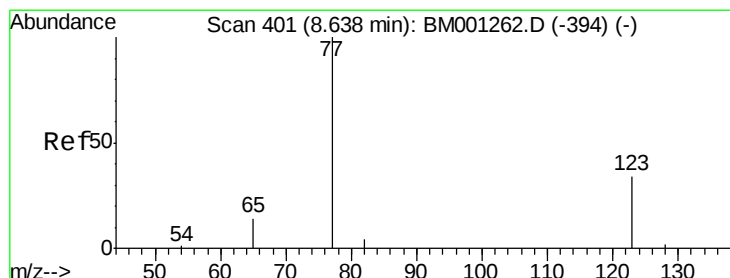
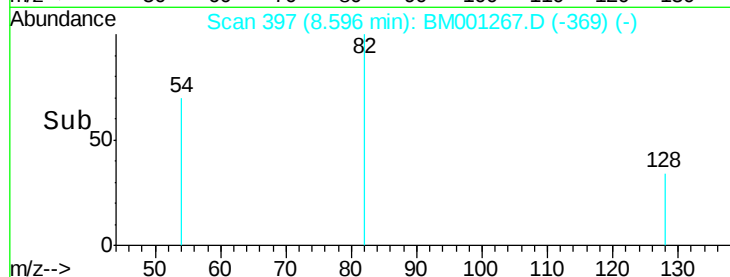
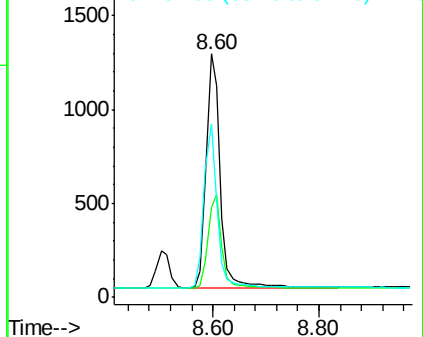
54 71.2 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001267.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001267.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001267.D (-369) (-)



#8

Nitrobenzene

Concen: 0.87 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

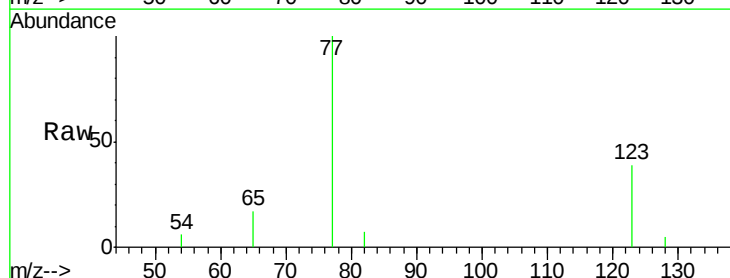
Tgt Ion: 77 Resp: 2466

Ion Ratio Lower Upper

77 100

123 40.7 33.4 50.2

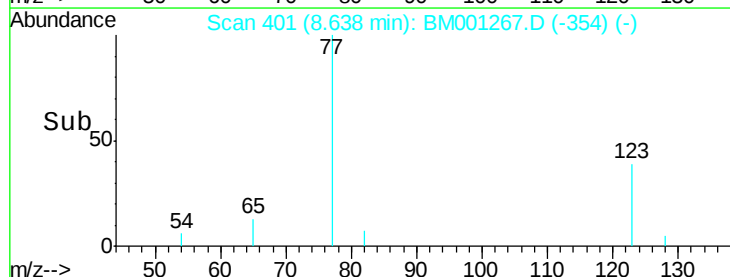
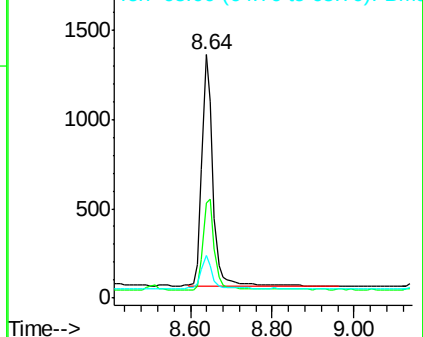
65 13.3 10.6 15.8

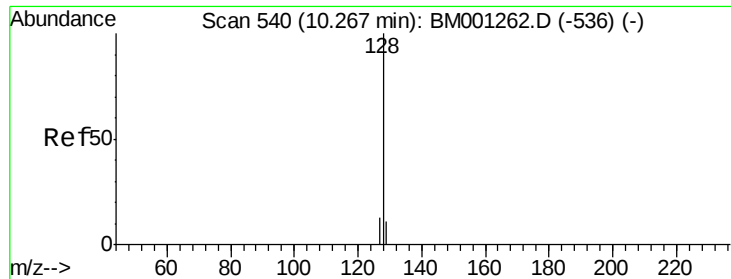


Abundance Ion 77.00 (76.70 to 77.70): BM001267.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001267.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001267.D (-354) (-)





#9

Naphthalene

Concen: 0.97 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

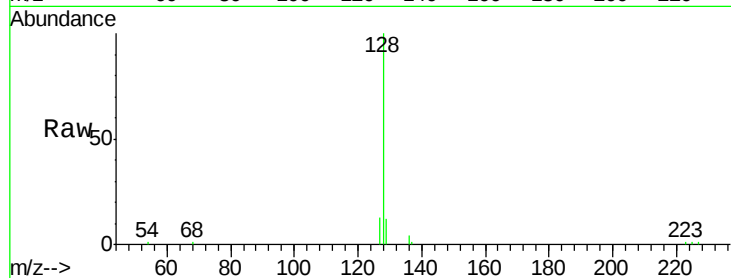
Tgt Ion:128 Resp: 9894

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

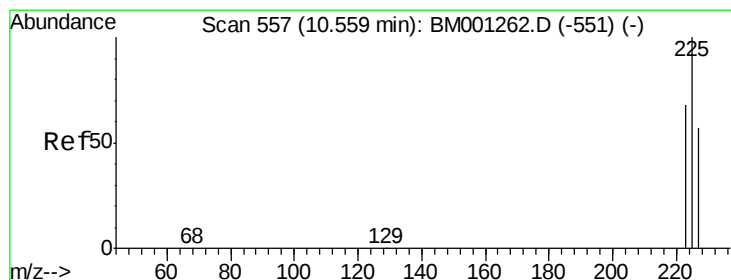
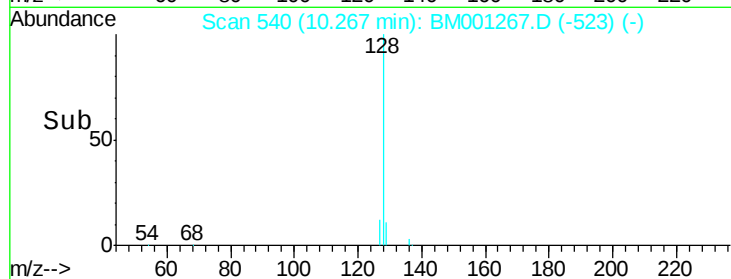
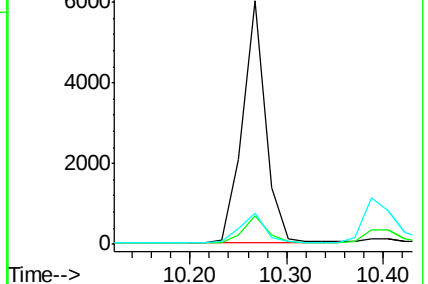
127 12.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

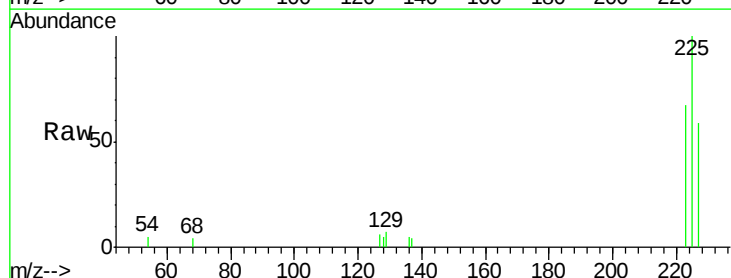
Tgt Ion:225 Resp: 1902

Ion Ratio Lower Upper

225 100

223 63.4 49.6 74.4

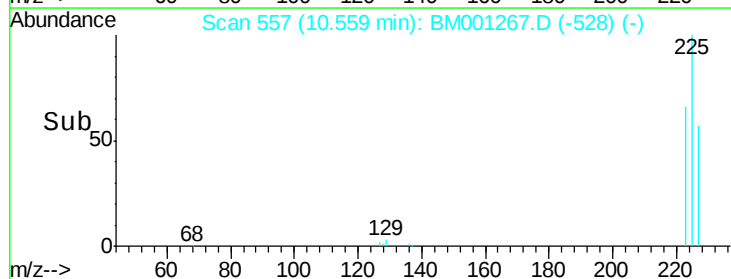
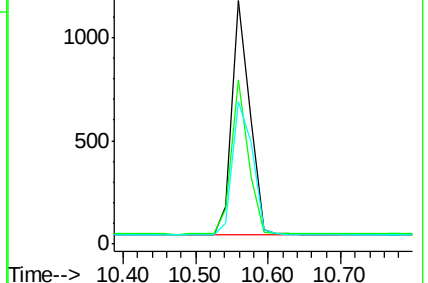
227 63.8 51.4 77.2

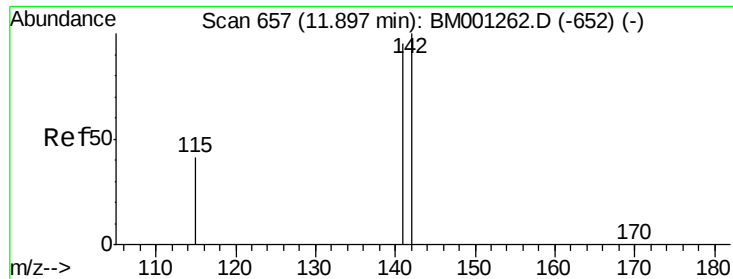


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

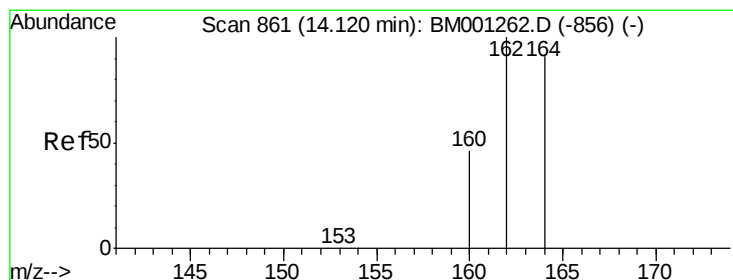
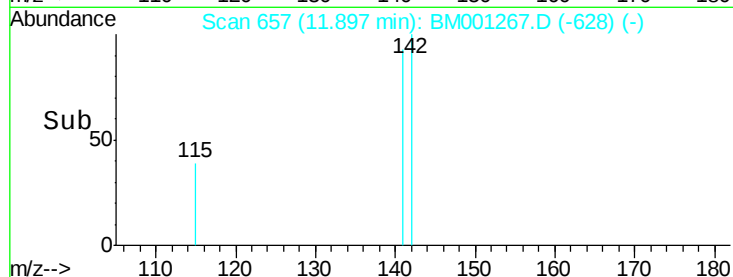
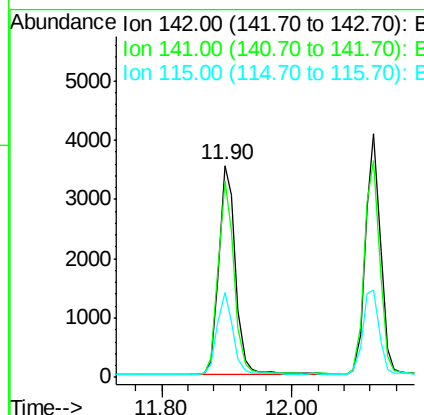
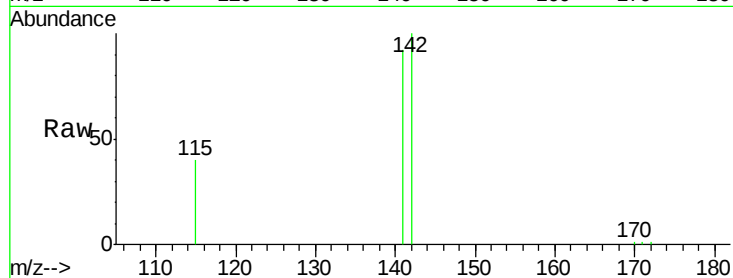




#11
2-Methylnaphthalene
Concen: 0.94 ng
RT: 11.90 min Scan# 657
Delta R.T. -0.00 min
Lab File: BM001267.D
Acq: 13 May 2015 00:54

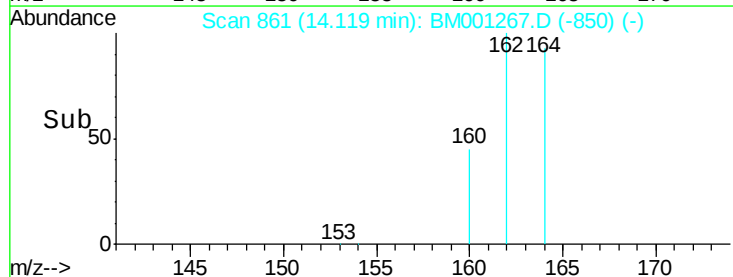
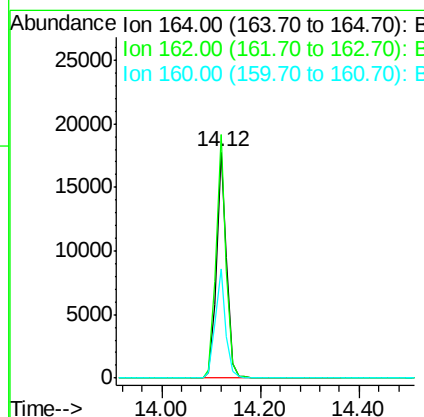
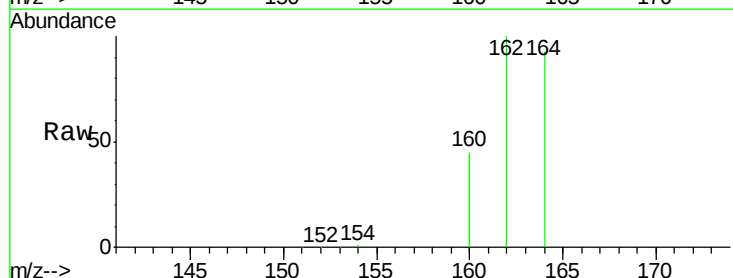
Instrument :
BNA_M
ClientSampleId :
ICVBM051315

Tgt Ion:142 Resp: 6247
Ion Ratio Lower Upper
142 100
141 92.5 76.1 114.1
115 39.8 33.1 49.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM001267.D
Acq: 13 May 2015 00:54

Tgt Ion:164 Resp: 25099
Ion Ratio Lower Upper
164 100
162 107.7 87.9 131.9
160 48.5 40.9 61.3

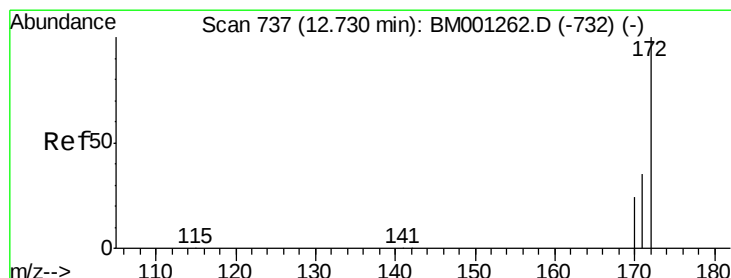
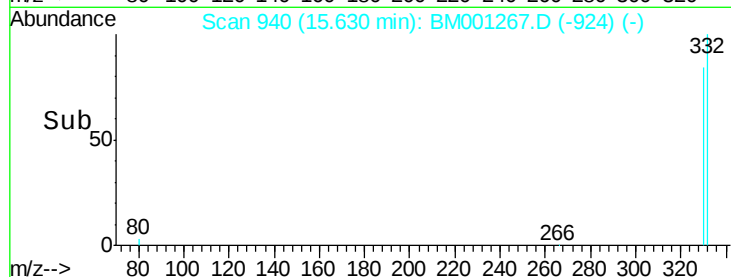
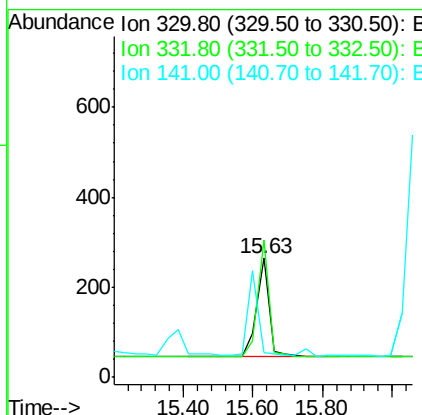
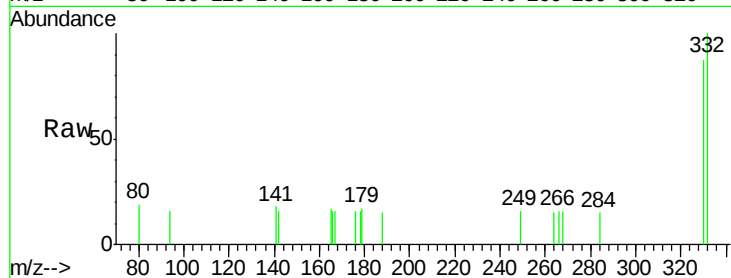




#13
 2,4,6-Tribromophenol
 Concen: 0.73 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001267.D
 Acq: 13 May 2015 00:54

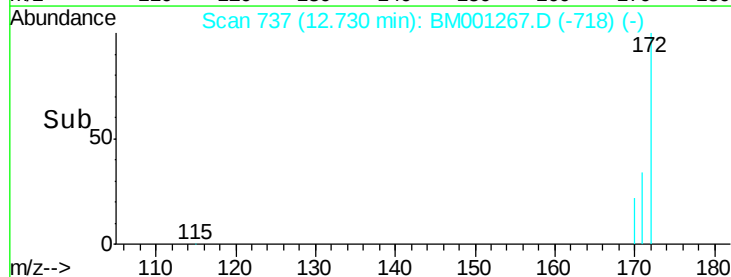
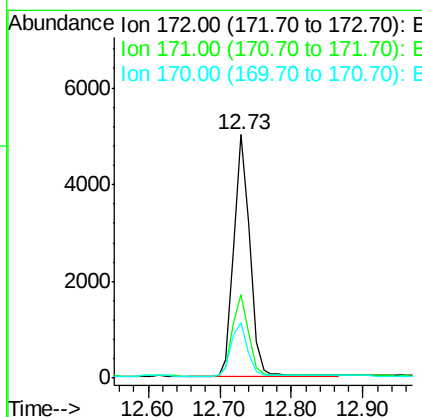
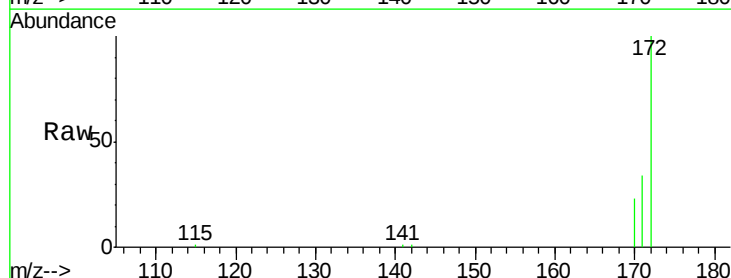
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051315

Tgt Ion:330 Resp: 551
 Ion Ratio Lower Upper
 330 100
 332 105.6 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001267.D
 Acq: 13 May 2015 00:54

Tgt Ion:172 Resp: 7541
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.7 43.1
 170 23.0 19.5 29.3

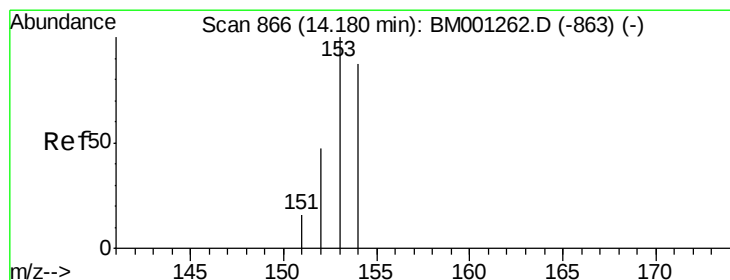
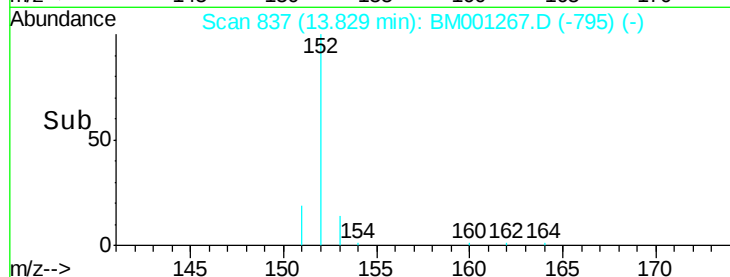
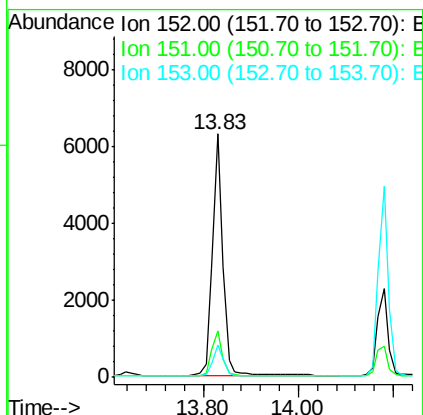
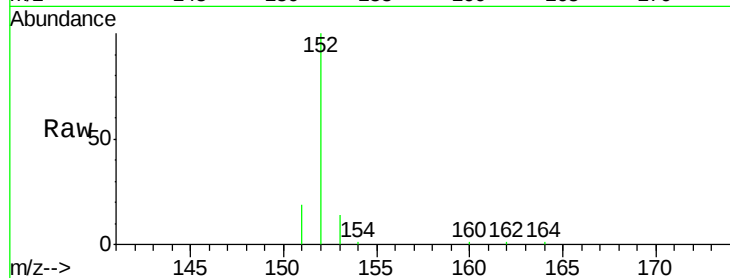




#15
Acenaphthylene
Concen: 0.93 ng
RT: 13.83 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM001267.D
Acq: 13 May 2015 00:54

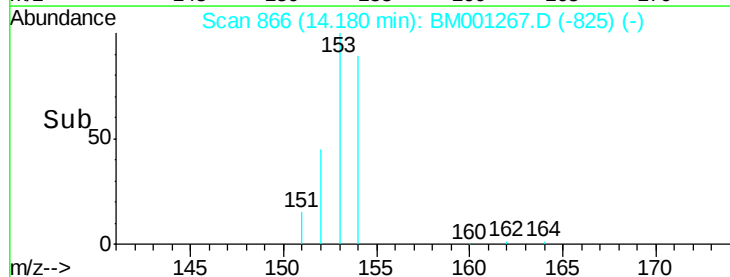
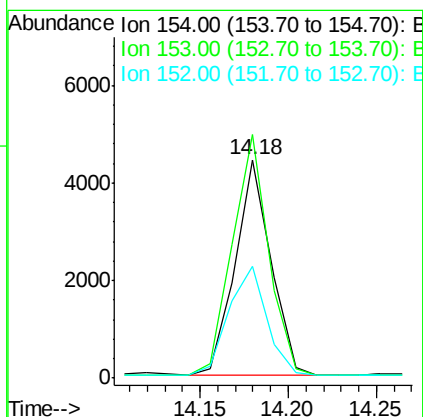
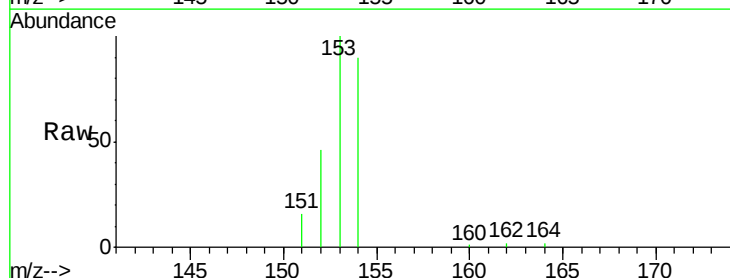
Instrument :
BNA_M
ClientSampleId :
ICVBM051315

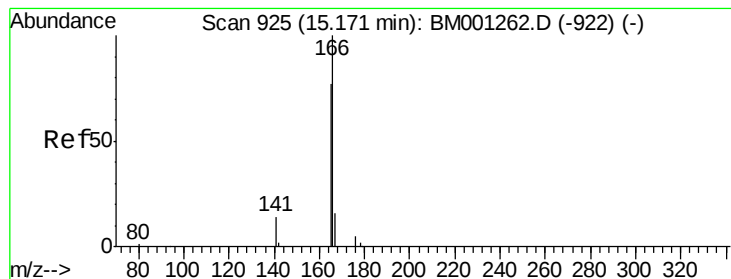
Tgt Ion:152 Resp: 9571
Ion Ratio Lower Upper
152 100
151 18.9 15.0 22.4
153 12.9 10.1 15.1



#16
Acenaphthene
Concen: 0.95 ng
RT: 14.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM001267.D
Acq: 13 May 2015 00:54

Tgt Ion:154 Resp: 6258
Ion Ratio Lower Upper
154 100
153 113.9 91.4 137.2
152 55.4 44.3 66.5





#17

Fluorene

Concen: 0.86 ng

RT: 15.17 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

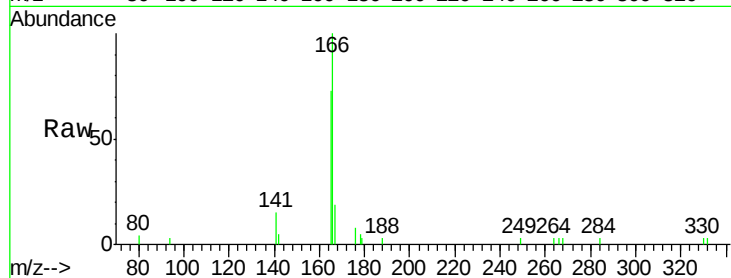
Tgt Ion:166 Resp: 5146

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

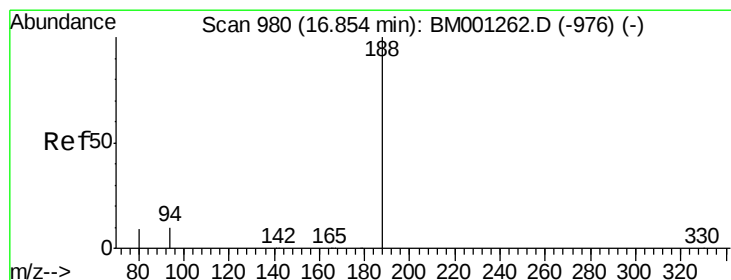
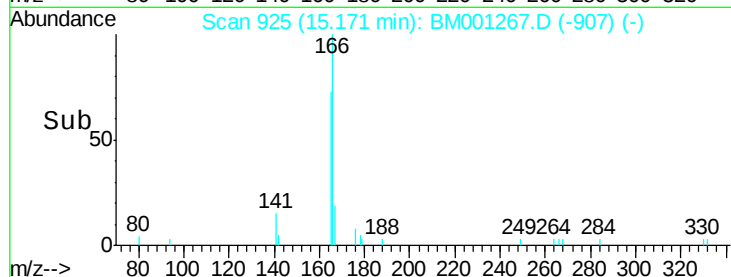
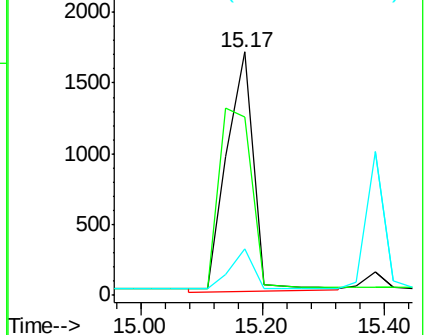
167 18.1 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

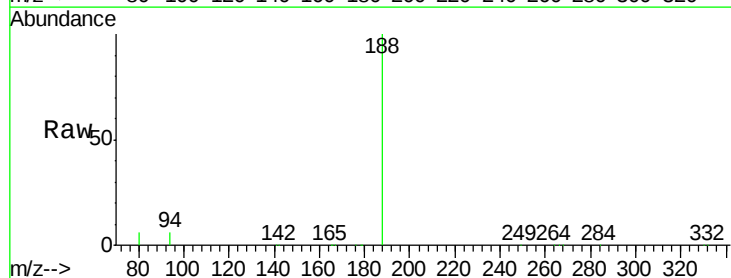
Tgt Ion:188 Resp: 64177

Ion Ratio Lower Upper

188 100

94 6.4 7.8 11.8#

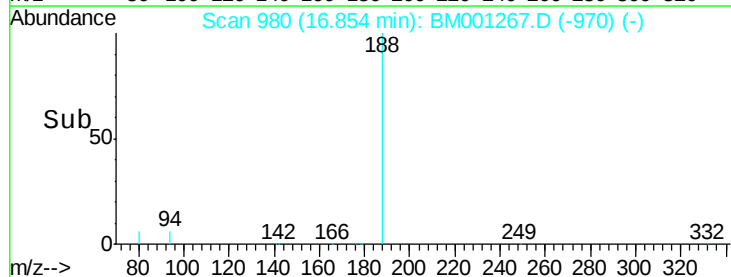
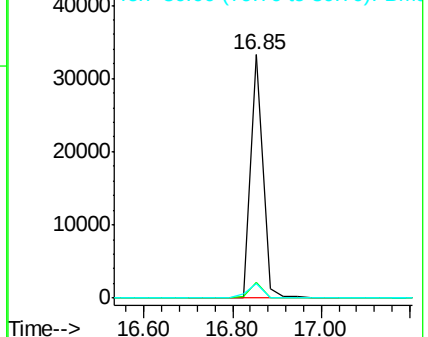
80 6.0 7.5 11.3#

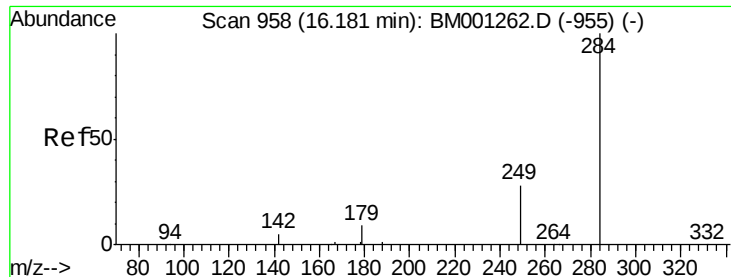


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 0.84 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

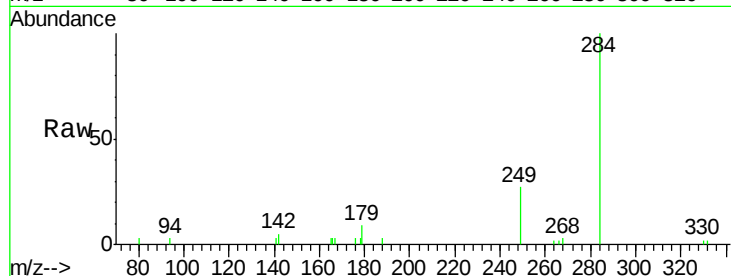
Tgt Ion:284 Resp: 3489

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

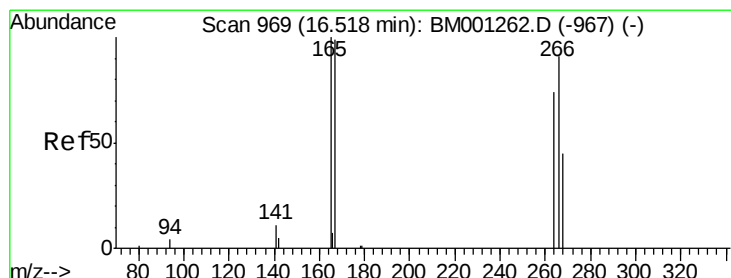
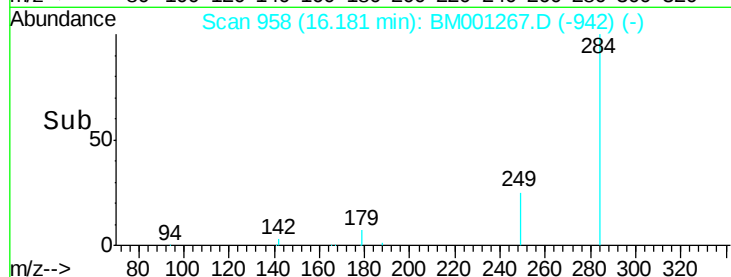
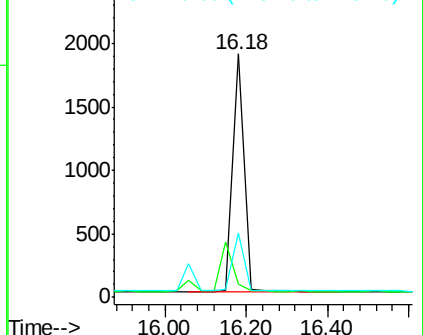
249 25.4 22.7 34.1



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



#20

Pentachlorophenol

Concen: 0.84 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

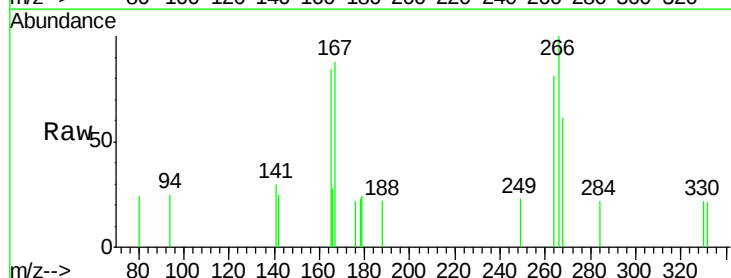
Tgt Ion:266 Resp: 545

Ion Ratio Lower Upper

266 100

268 60.7 49.4 74.0

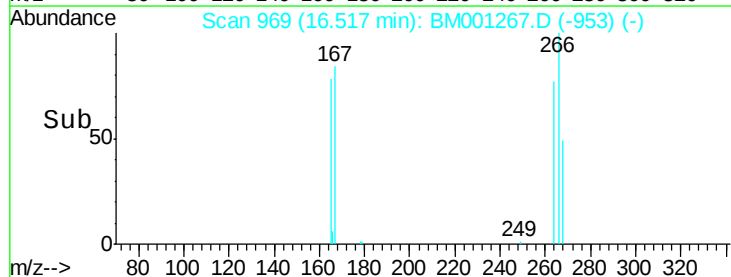
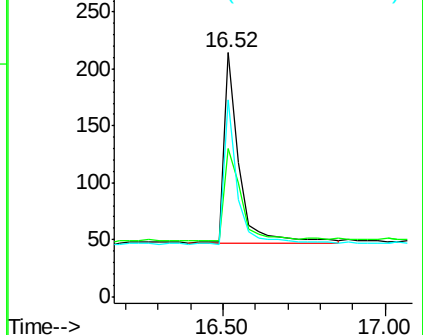
264 80.8 67.8 101.6

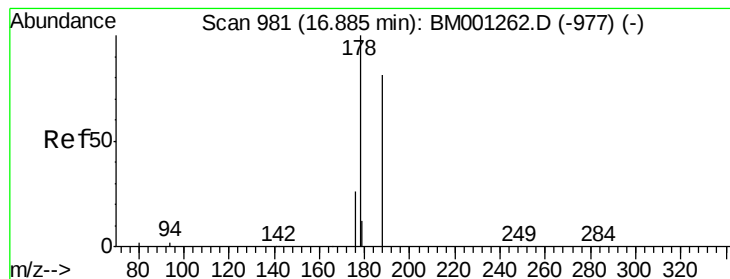


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.84 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

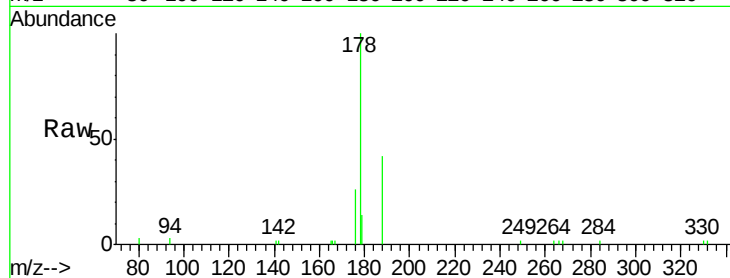
Tgt Ion:178 Resp: 8240

Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

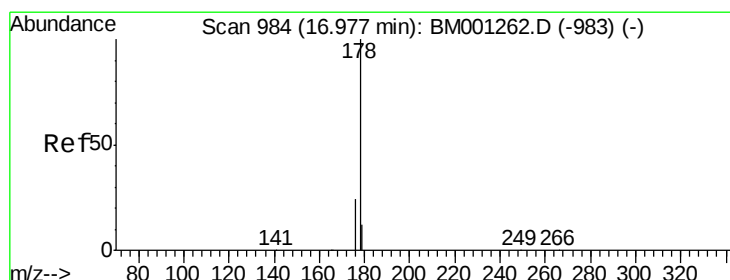
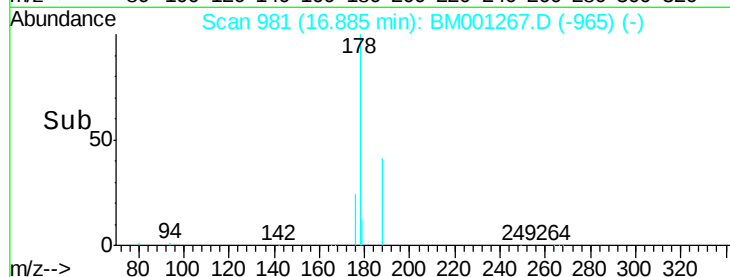
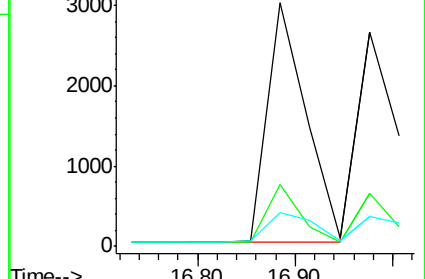
179 15.3 0.0 0.0#



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



#22

Anthracene

Concen: 0.83 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

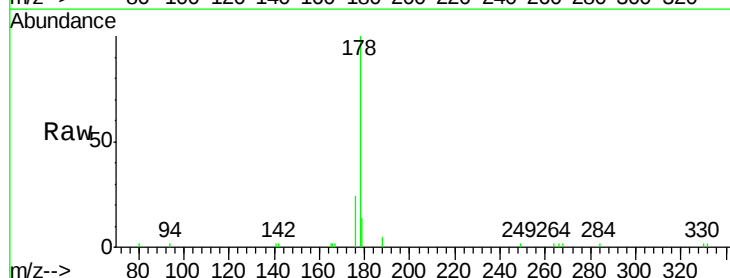
Tgt Ion:178 Resp: 7878

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

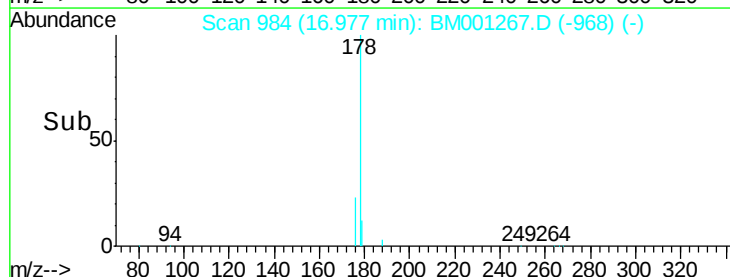
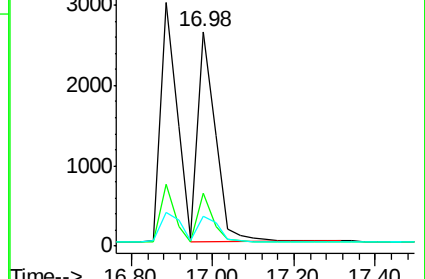
179 14.4 0.0 0.0#

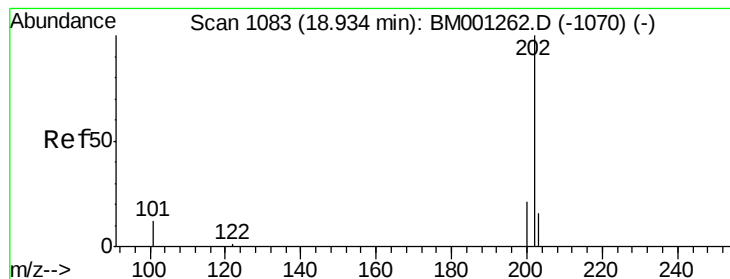


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.79 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

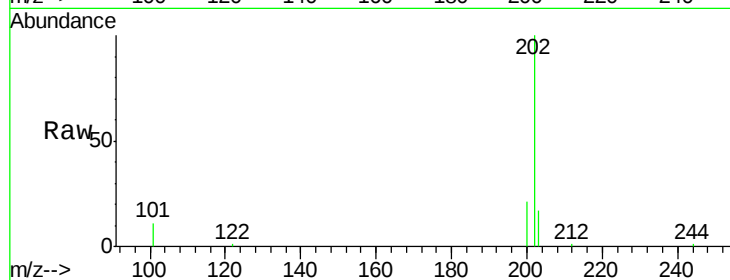
Tgt Ion:202 Resp: 12065

Ion Ratio Lower Upper

202 100

101 11.4 9.1 13.7

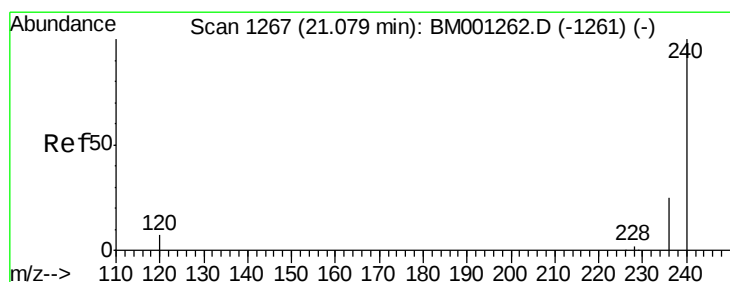
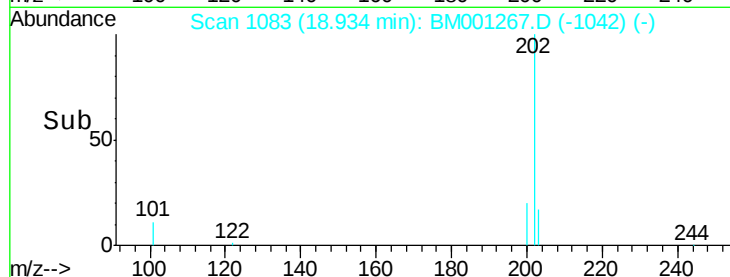
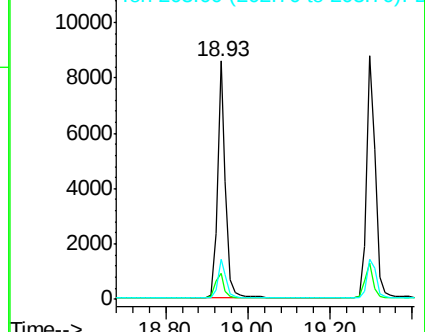
203 17.3 13.8 20.6



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

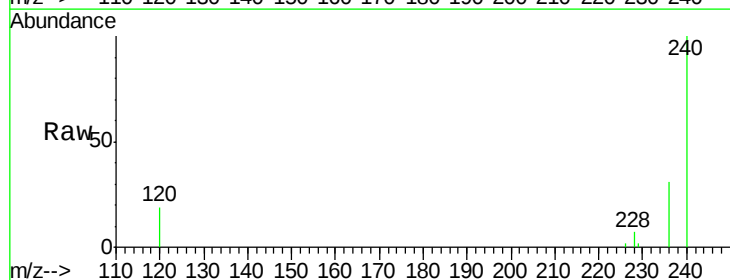
Tgt Ion:240 Resp: 44079

Ion Ratio Lower Upper

240 100

120 18.6 5.5 8.3#

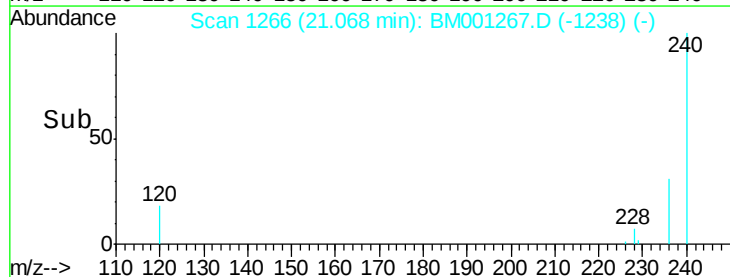
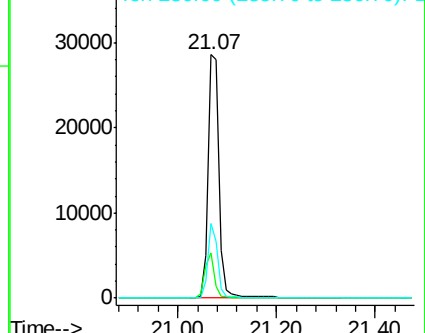
236 30.9 20.4 30.6#

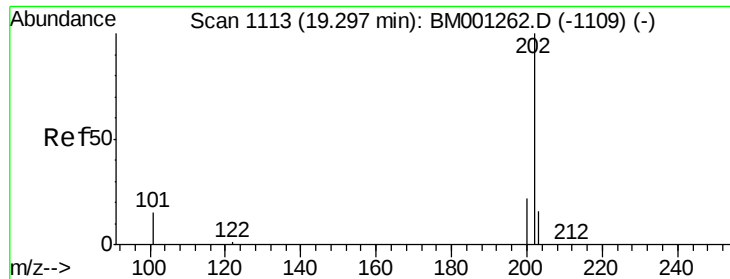


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.93 ng

RT: 19.30 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

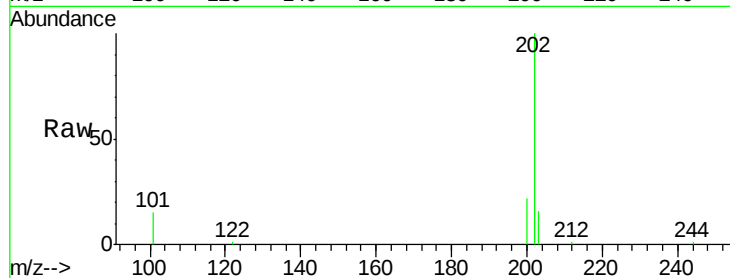
Tgt Ion:202 Resp: 12602

Ion Ratio Lower Upper

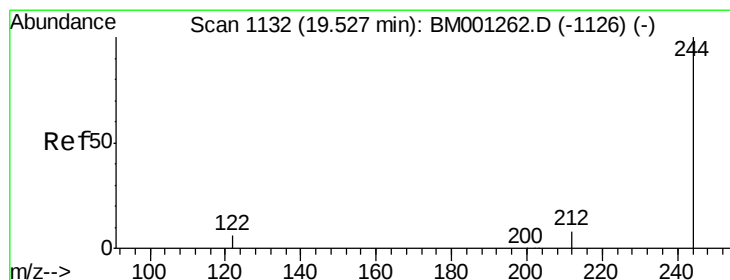
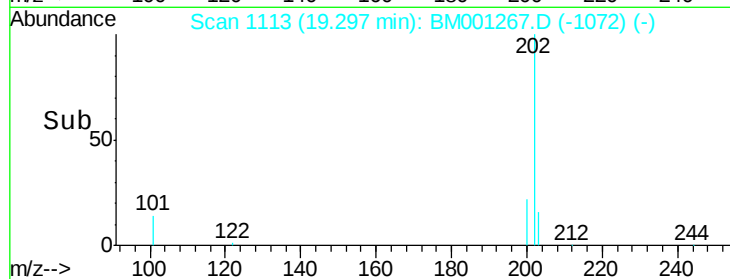
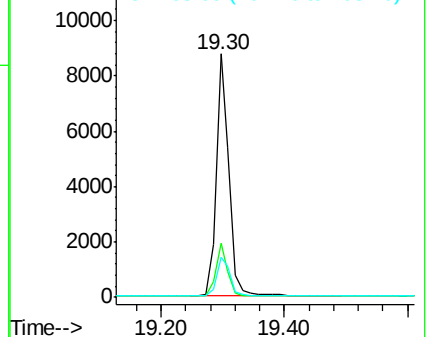
202 100

200 20.5 16.4 24.6

203 17.4 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.93 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

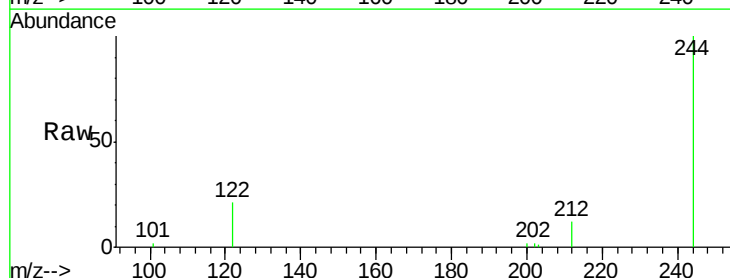
Tgt Ion:244 Resp: 5484

Ion Ratio Lower Upper

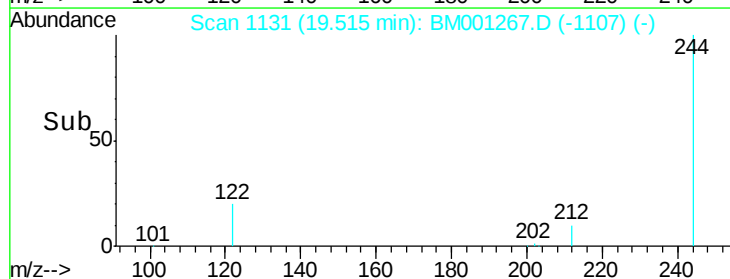
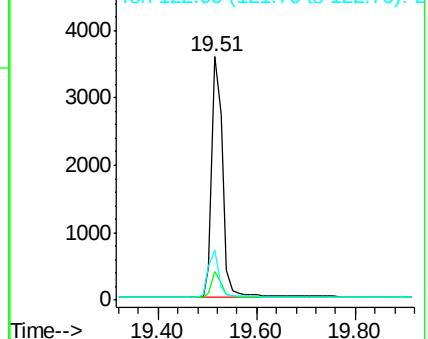
244 100

212 11.5 7.2 10.8#

122 20.8 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.90 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

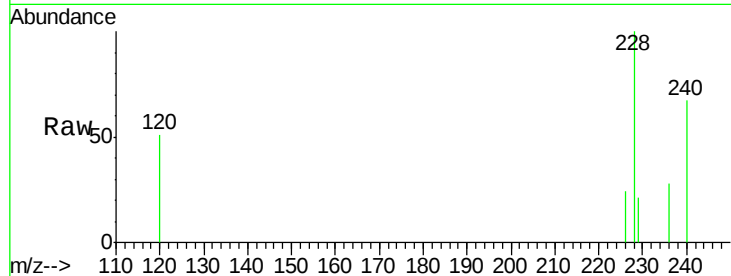
Tgt Ion:228 Resp: 10790

Ion Ratio Lower Upper

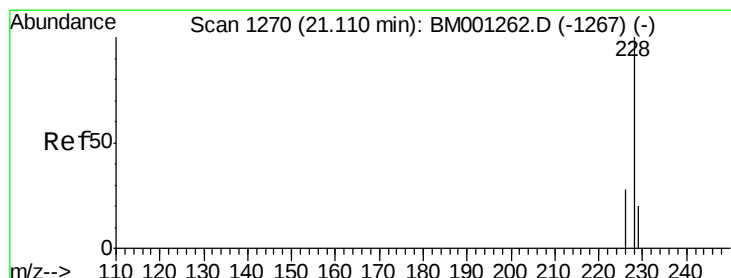
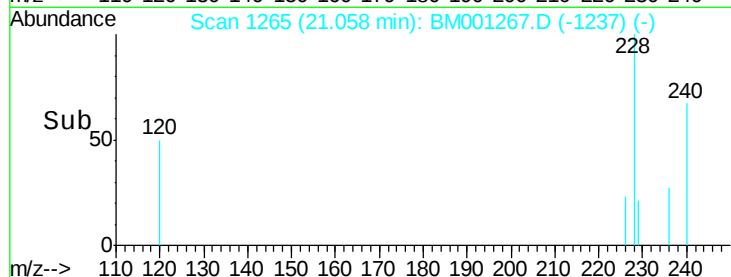
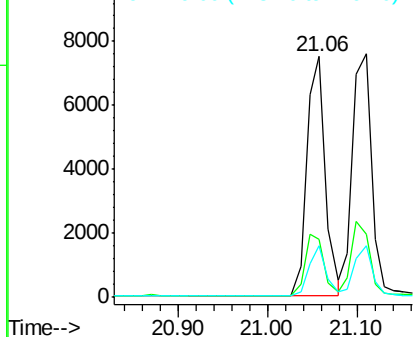
228 100

226 23.9 20.5 30.7

229 21.2 16.2 24.4



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



#28

Chrysene

Concen: 0.96 ng

RT: 21.11 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

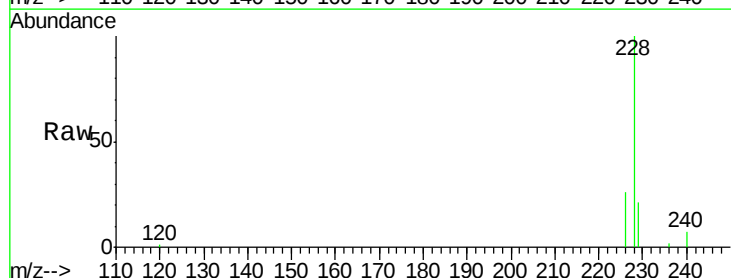
Tgt Ion:228 Resp: 11657

Ion Ratio Lower Upper

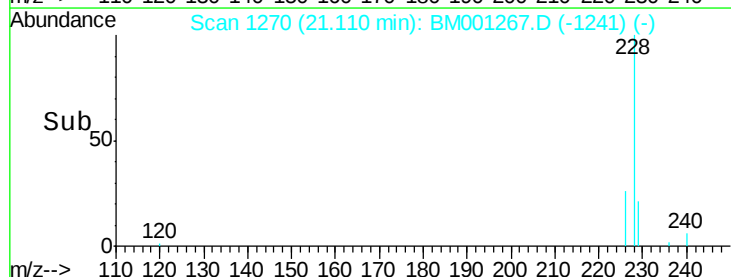
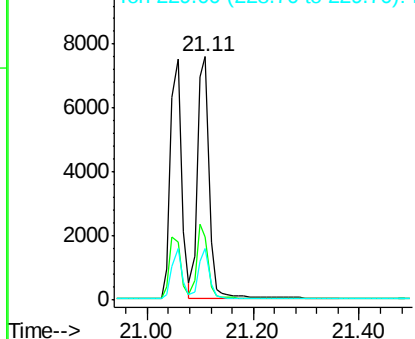
228 100

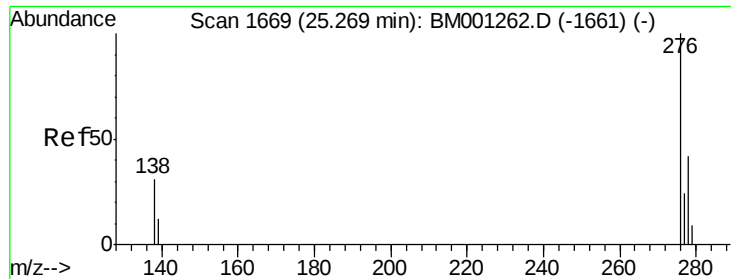
226 26.0 22.2 33.2

229 21.3 16.5 24.7



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





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.98 ng

RT: 25.27 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

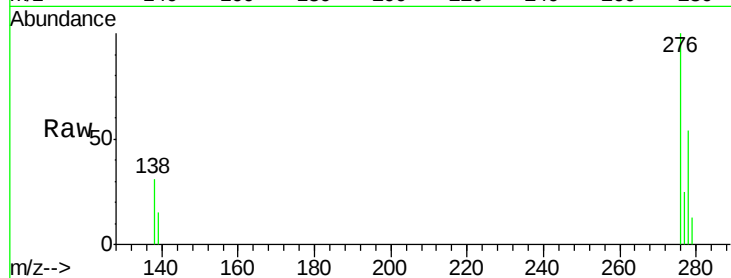
Tgt Ion:276 Resp: 12044

Ion Ratio Lower Upper

276 100

138 31.5 24.9 37.3

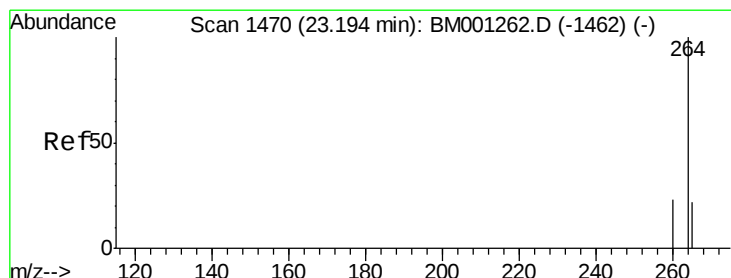
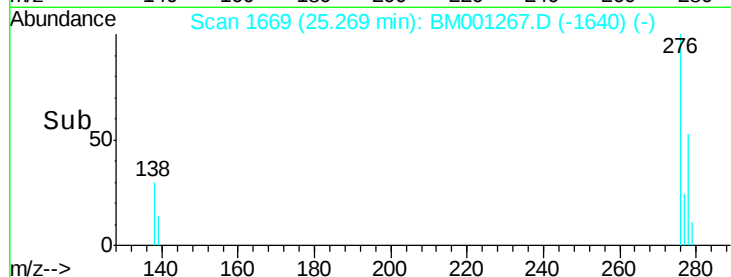
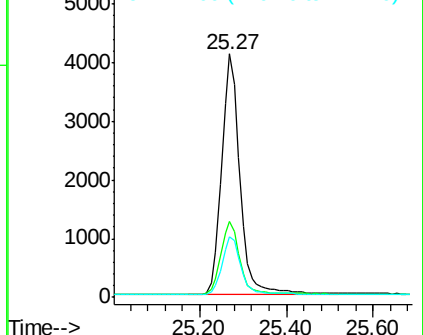
277 24.4 19.5 29.3



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

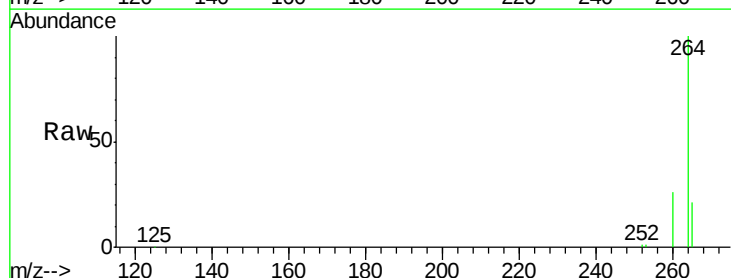
Tgt Ion:264 Resp: 40450

Ion Ratio Lower Upper

264 100

260 25.6 18.9 28.3

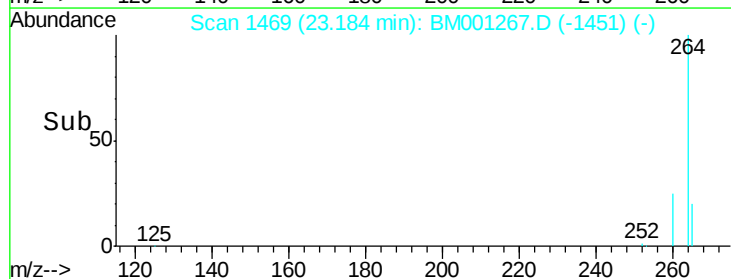
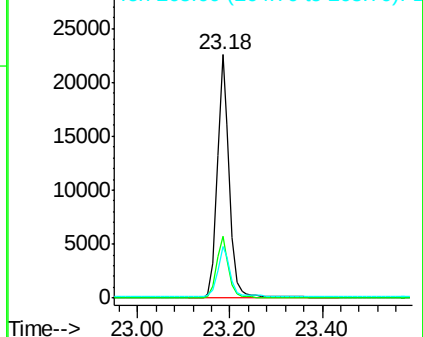
265 21.1 18.1 27.1

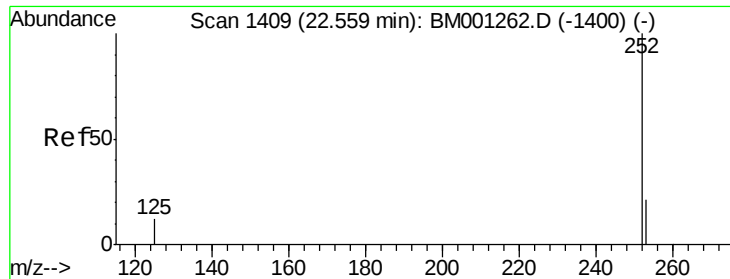


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.96 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

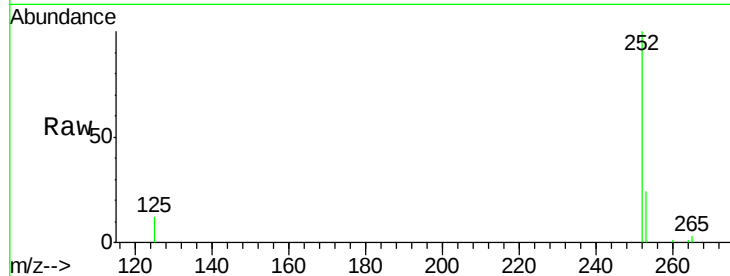
Tgt Ion:252 Resp: 11392

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

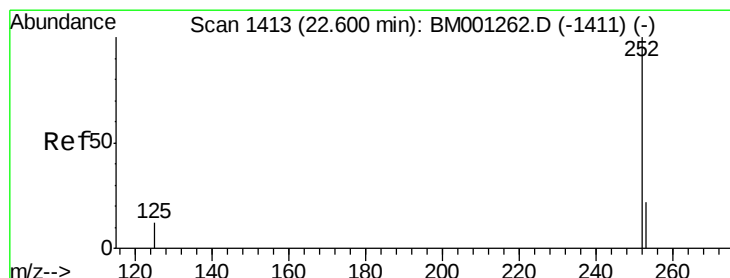
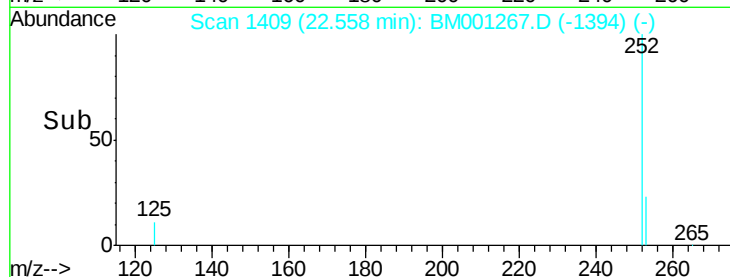
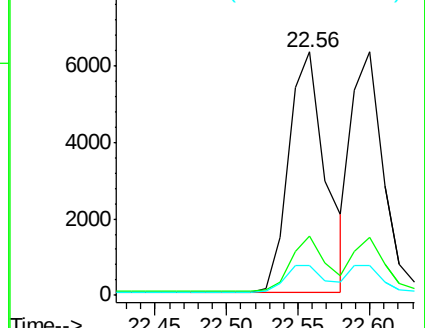
125 12.3 10.4 15.6



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



#32

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 22.60 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

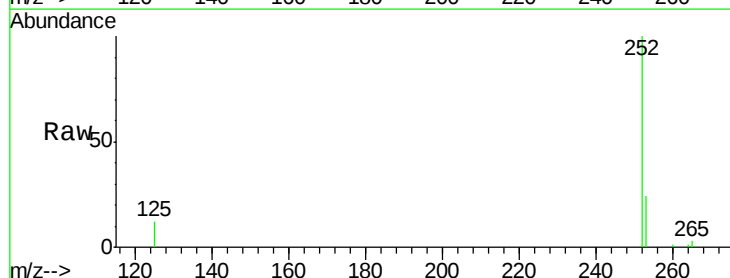
Tgt Ion:252 Resp: 10154

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

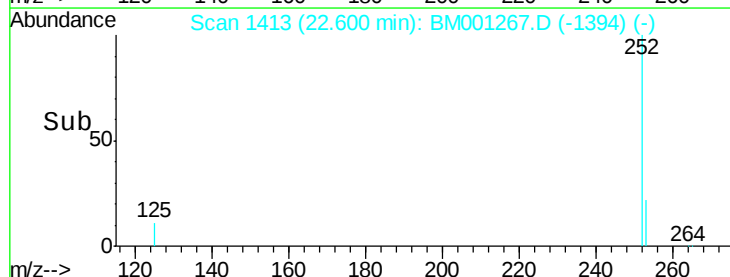
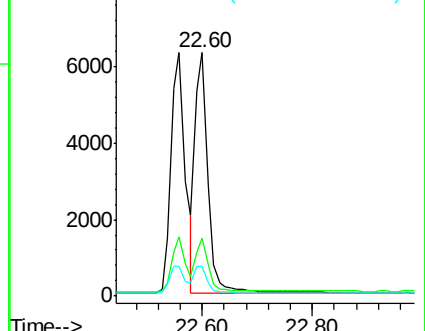
125 12.2 10.2 15.4



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





#33

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.09 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315

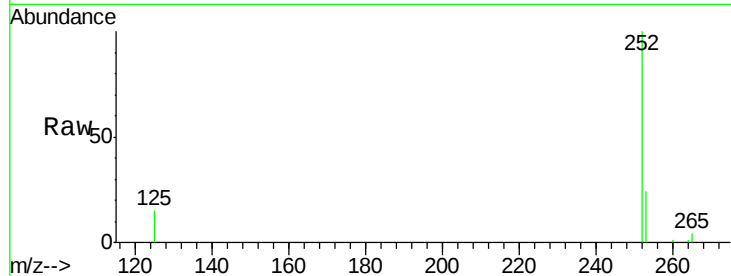
Tgt Ion:252 Resp: 9331

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

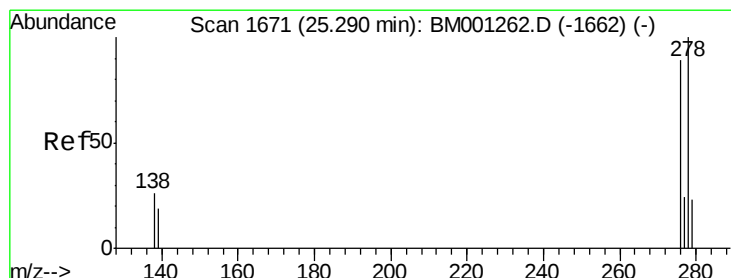
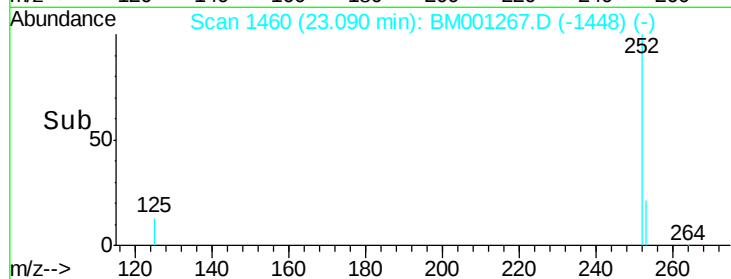
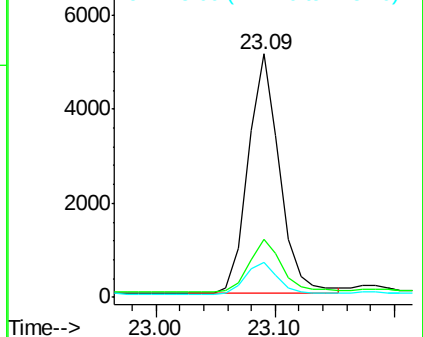
125 14.6 12.2 18.2



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



#34

Dibenzo(a,h)anthracene

Concen: 0.96 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM001267.D

Acq: 13 May 2015 00:54

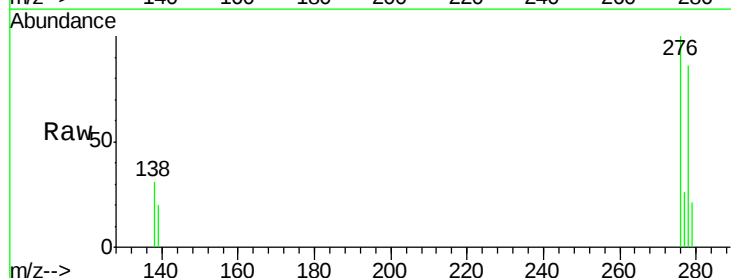
Tgt Ion:278 Resp: 9284

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

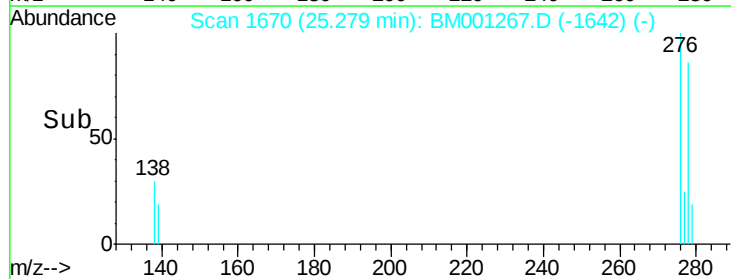
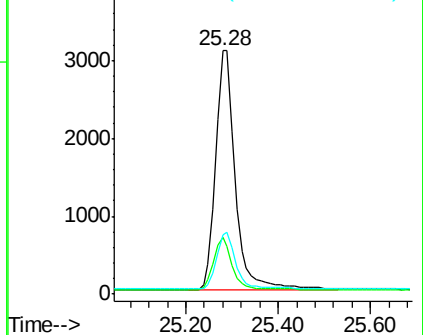
279 24.2 20.0 30.0



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





#35

Benzo(g,h,i)perylene

Concen: 0.97 ng

RT: 25.90 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM001267.D

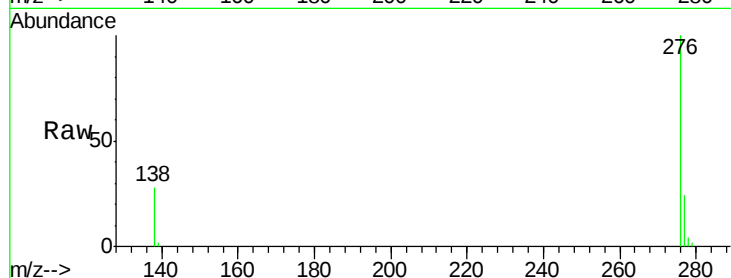
Acq: 13 May 2015 00:54

Instrument :

BNA_M

ClientSampleId :

ICVBM051315



Tgt Ion: 276 Resp: 10304

Ion Ratio Lower Upper

276 100

277 24.2 19.9 29.9

138 27.7 21.0 31.4

