

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001215.D
 Acq On : 05 May 2015 19:28
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM050515

Quant Time: May 06 13:07:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	13885	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	55738	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	34553	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	55052	5.00	ng	0.00
24) Chrysene-d12	21.14	240	73786	5.00	ng	0.00
30) Perylene-d12	23.29	264	59524	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	2931	1.01	ng	0.00
5) Phenol-d6	6.71	99	3696	1.00	ng	-0.02
7) Nitrobenzene-d5	8.68	82	3140	1.00	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1789	0.92	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	10761	1.02	ng	-0.01
26) Terphenyl-d14	19.59	244	10573	1.00	ng	0.00

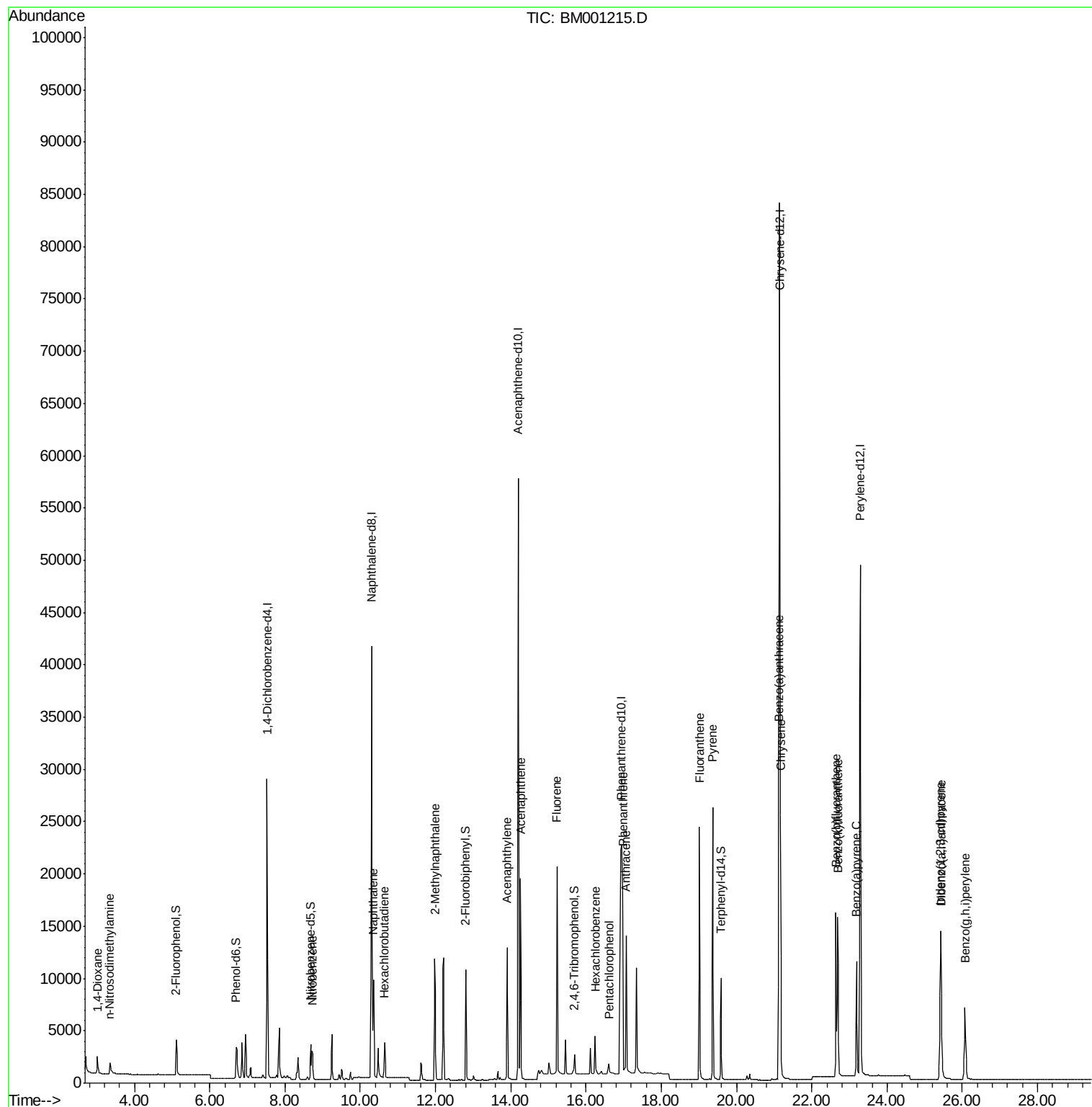
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1611	1.07	ng	98
3) n-Nitrosodimethylamine	3.34	42	1654	0.98	ng	87
8) Nitrobenzene	8.72	77	3313	0.95	ng	99
9) Naphthalene	10.35	128	12508	1.03	ng	100
10) Hexachlorobutadiene	10.64	225	2375	1.01	ng	99
11) 2-Methylnaphthalene	11.98	142	8684	1.02	ng	100
15) Acenaphthylene	13.90	152	15001	1.01	ng	100
16) Acenaphthene	14.25	154	9421	1.01	ng	99
17) Fluorene	15.23	166	15916	1.05	ng	99
19) Hexachlorobenzene	16.24	284	3014	0.96	ng	98
20) Pentachlorophenol	16.61	266	944	1.01	ng	98
21) Phenanthrene	16.98	178	25104	1.04	ng	100
22) Anthracene	17.07	178	19382	0.99	ng	100
23) Fluoranthene	19.01	202	22324	1.03	ng	99
25) Pyrene	19.37	202	23547	1.00	ng	100
27) Benzo(a)anthracene	21.12	228	21287	1.01	ng	97
28) Chrysene	21.17	228	20660	1.02	ng	97
29) Indeno(1,2,3-cd)pyrene	25.41	276	16667	1.03	ng	100
31) Benzo(b)fluoranthene	22.64	252	18803	0.99	ng	98
32) Benzo(k)fluoranthene	22.68	252	18491	1.06	ng	100
33) Benzo(a)pyrene	23.19	252	15946	1.01	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	12950	1.01	ng	99
35) Benzo(g,h,i)perylene	26.07	276	13542	1.02	ng	99

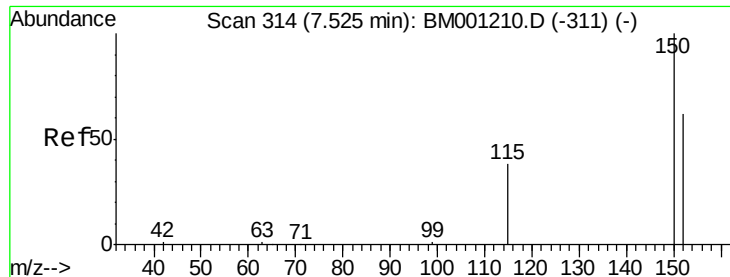
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

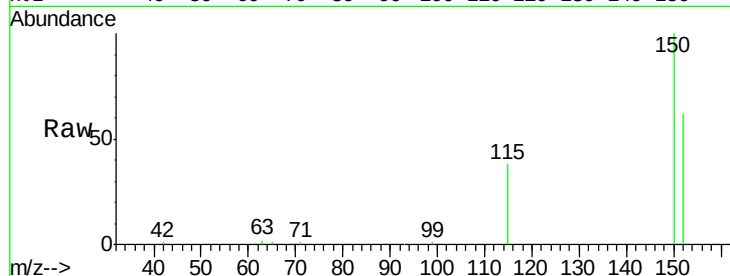
Tgt Ion:152 Resp: 13885

Ion Ratio Lower Upper

152 100

150 160.9 122.0 183.0

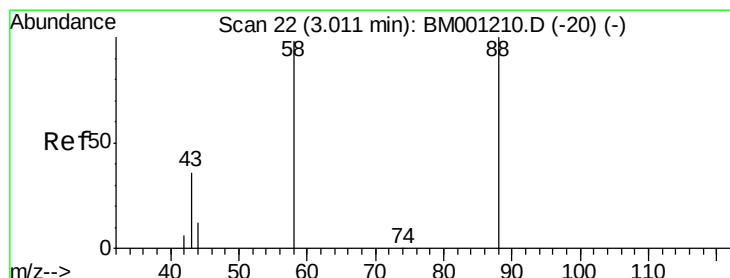
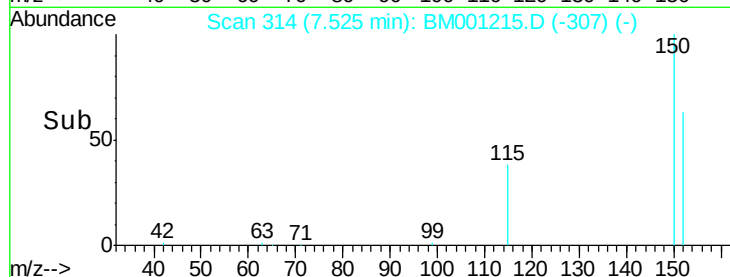
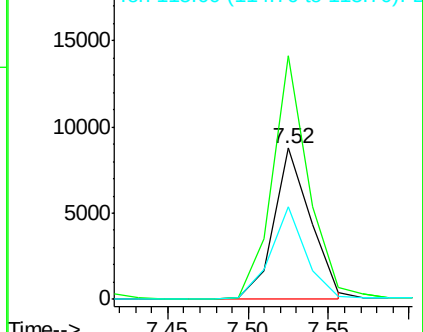
115 60.8 46.3 69.5



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: 1.07 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

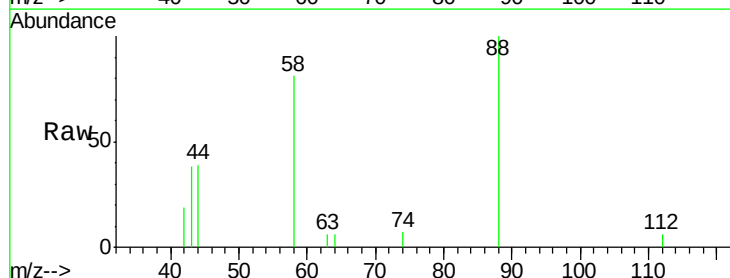
Tgt Ion: 88 Resp: 1611

Ion Ratio Lower Upper

88 100

58 61.8 47.8 71.6

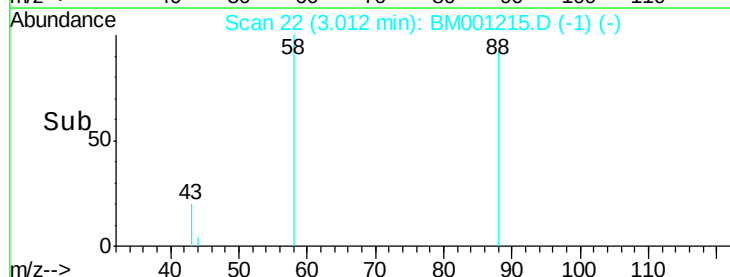
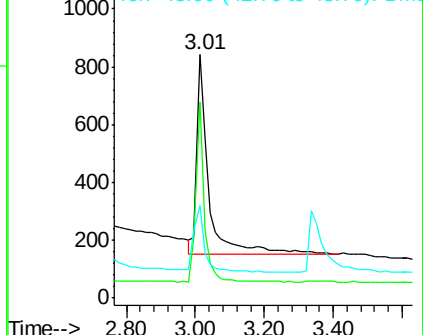
43 29.6 23.2 34.8

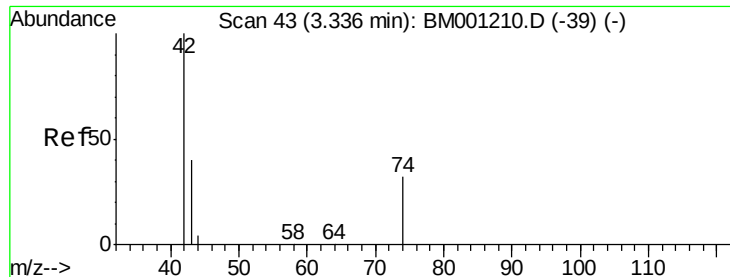


Abundance Ion 88.00 (87.70 to 88.70): BM0

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: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

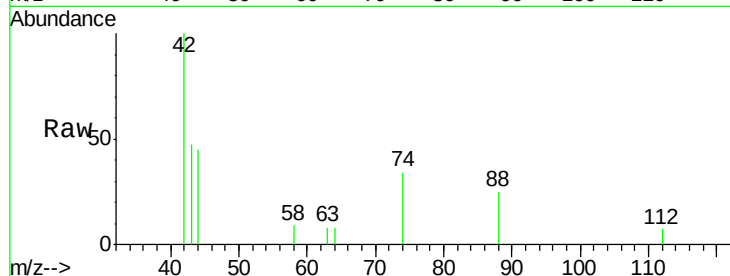
Tgt Ion: 42 Resp: 1654

Ion Ratio Lower Upper

42 100

74 91.8 84.5 126.7

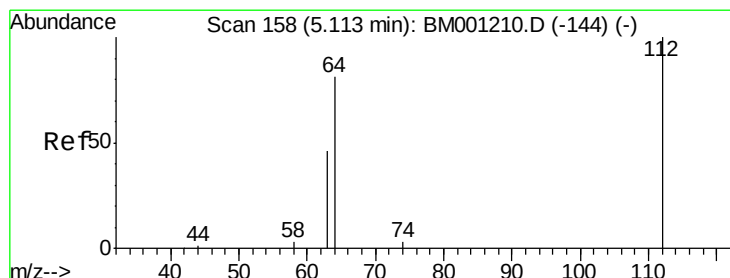
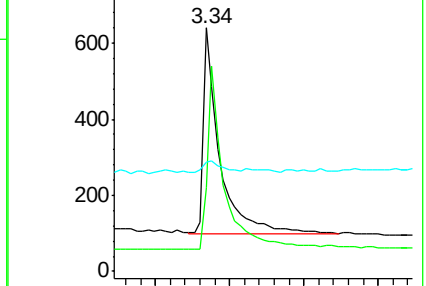
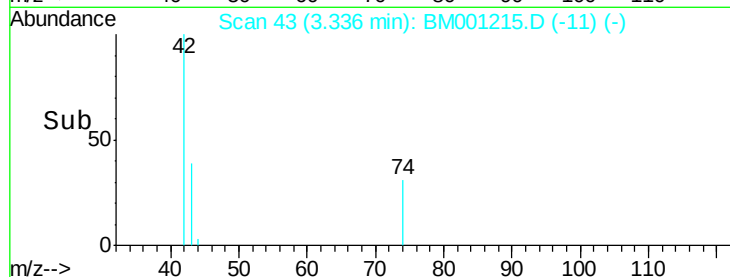
44 7.1 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001215.D (-11) (-)

Ion 74.00 (73.70 to 74.70): BM001215.D (-11) (-)

Ion 44.00 (43.70 to 44.70): BM001215.D (-11) (-)



#4

2-Fluorophenol

Concen: 1.01 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

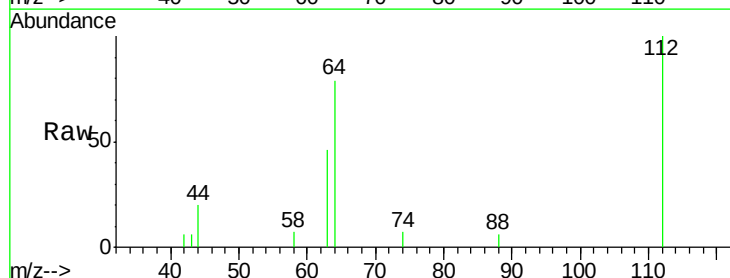
Tgt Ion: 112 Resp: 2931

Ion Ratio Lower Upper

112 100

64 63.8 51.0 76.4

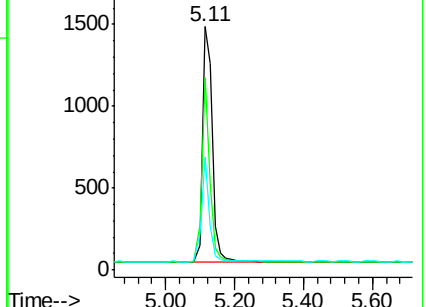
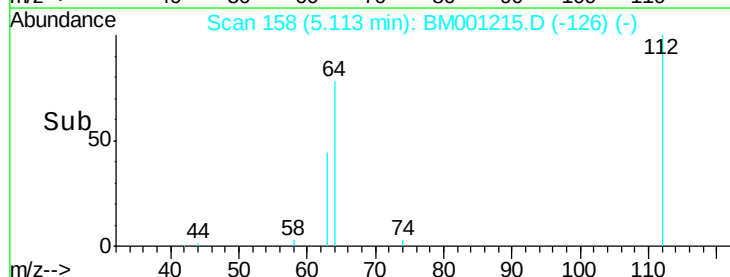
63 34.8 28.8 43.2

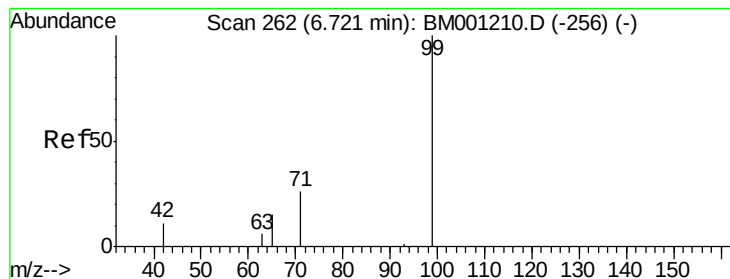


Abundance Ion 112.00 (111.70 to 112.70): BM001215.D (-126) (-)

Ion 64.00 (63.70 to 64.70): BM001215.D (-126) (-)

Ion 63.00 (62.70 to 63.70): BM001215.D (-126) (-)





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.71 min Scan# 261

Delta R.T. -0.02 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

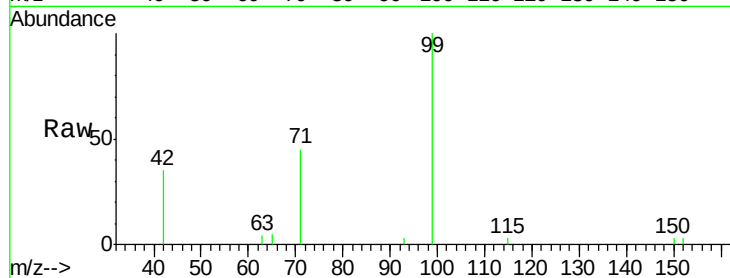
Tgt Ion: 99 Resp: 3696

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

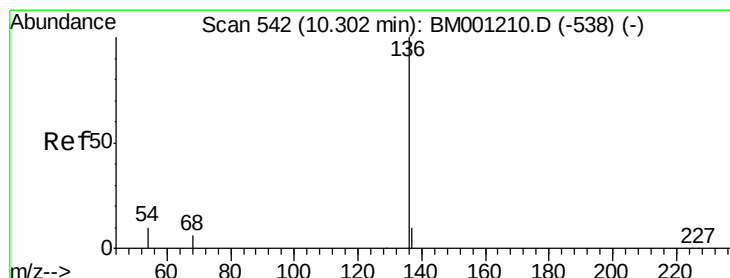
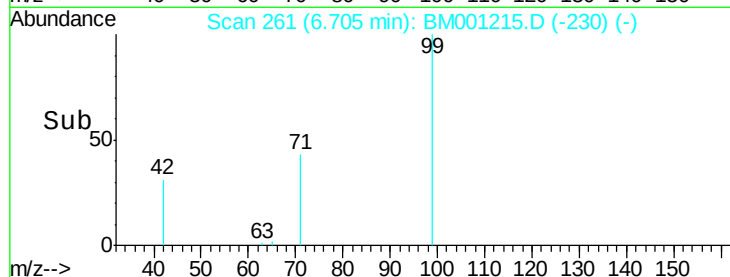
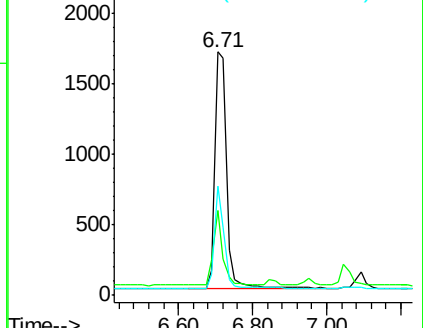
71 35.2 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BM001215.D (-230) (-)

Ion 42.00 (41.70 to 42.70): BM001215.D (-230) (-)

Ion 71.00 (70.70 to 71.70): BM001215.D (-230) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Tgt Ion: 136 Resp: 55738

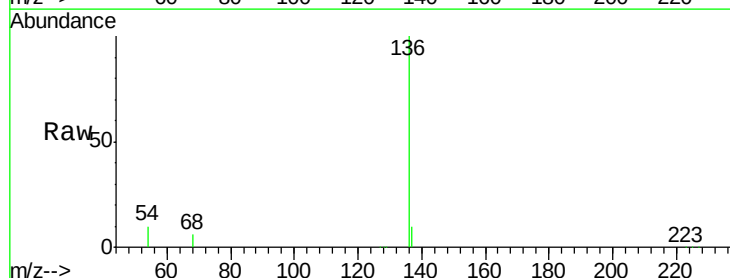
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 10.3 8.3 12.5

68 6.2 4.2 6.4

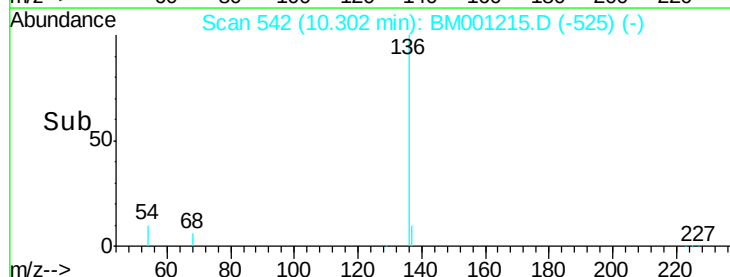
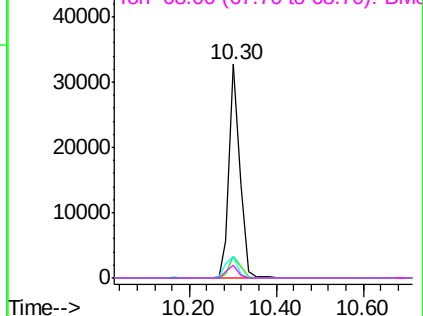


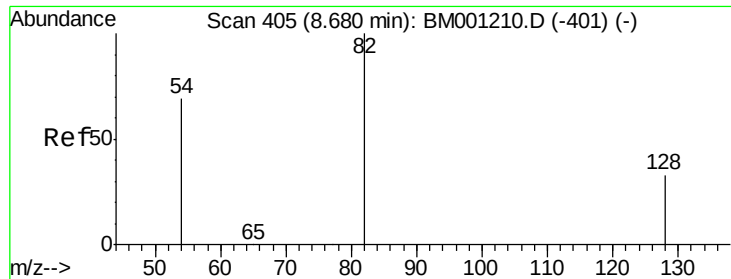
Abundance Ion 136.00 (135.70 to 136.70): BM001215.D (-525) (-)

Ion 137.00 (136.70 to 137.70): BM001215.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BM001215.D (-525) (-)

Ion 68.00 (67.70 to 68.70): BM001215.D (-525) (-)





#7

Nitrobenzene-d5

Concen: 1.00 ng

RT: 8.68 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

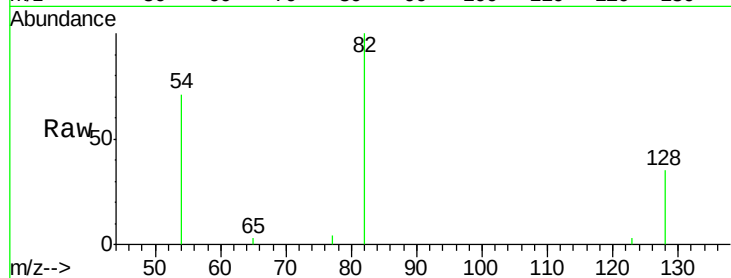
Tgt Ion: 82 Resp: 3140

Ion Ratio Lower Upper

82 100

128 35.3 27.8 41.6

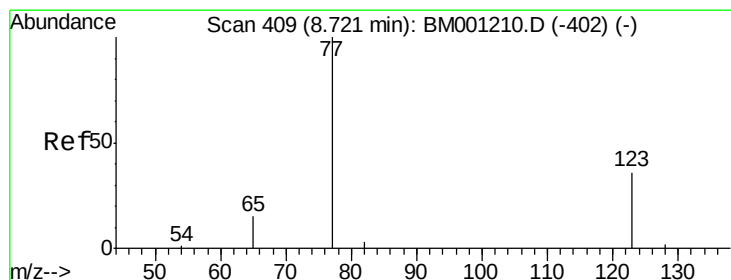
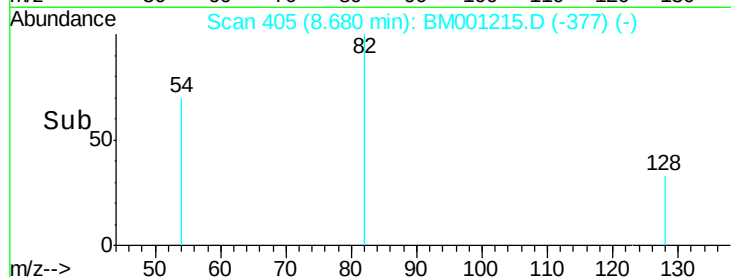
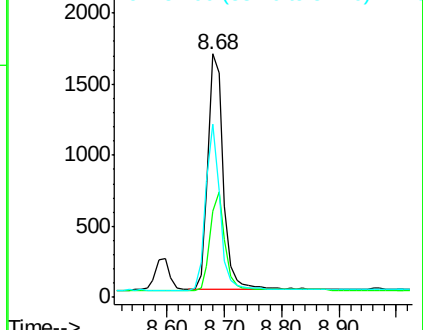
54 71.2 56.0 84.0



Abundance Ion 82.00 (81.70 to 82.70): BM001215.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BM001215.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BM001215.D (-377) (-)



#8

Nitrobenzene

Concen: 0.95 ng

RT: 8.72 min Scan# 409

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

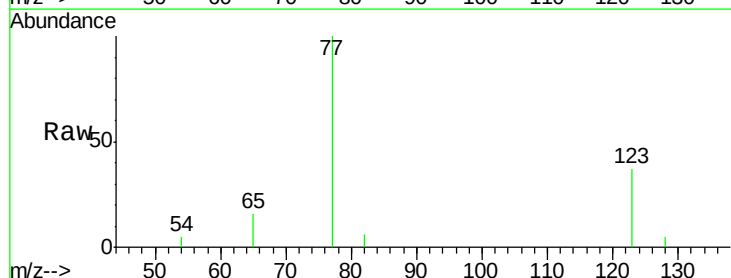
Tgt Ion: 77 Resp: 3313

Ion Ratio Lower Upper

77 100

123 41.6 33.9 50.9

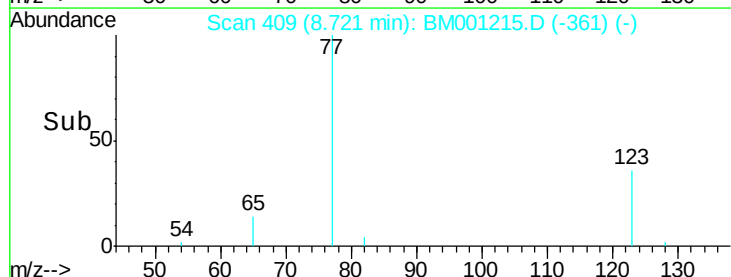
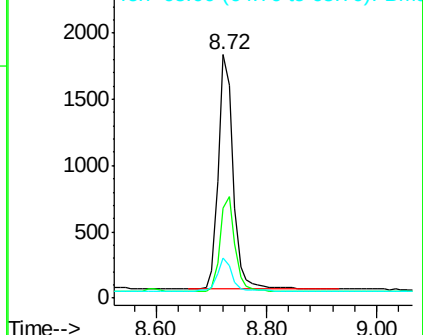
65 13.5 11.4 17.2

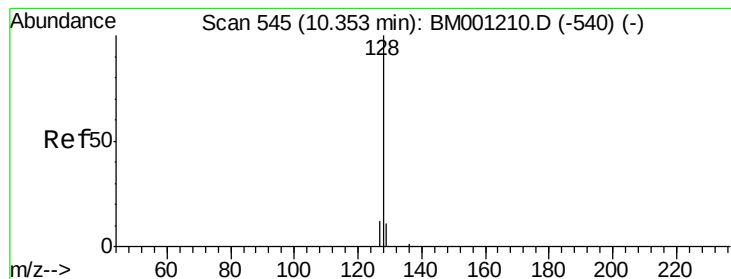


Abundance Ion 77.00 (76.70 to 77.70): BM001215.D (-361) (-)

Ion 123.00 (122.70 to 123.70): BM001215.D (-361) (-)

Ion 65.00 (64.70 to 65.70): BM001215.D (-361) (-)





#9

Naphthalene

Concen: 1.03 ng

RT: 10.35 min Scan# 545

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

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ICVBM050515

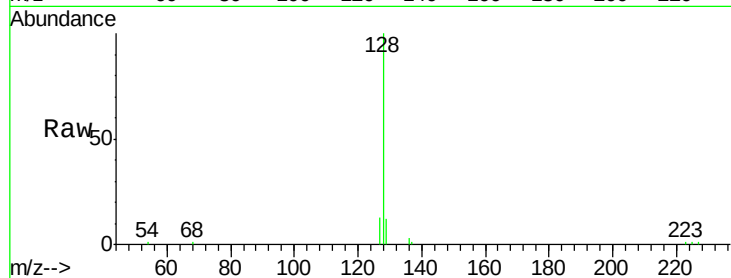
Tgt Ion:128 Resp: 12508

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 12.7 10.2 15.4



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

10000

8000

6000

4000

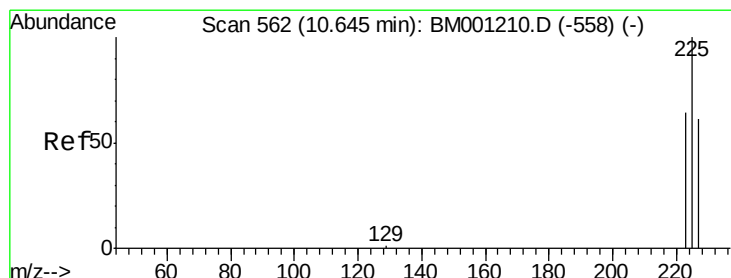
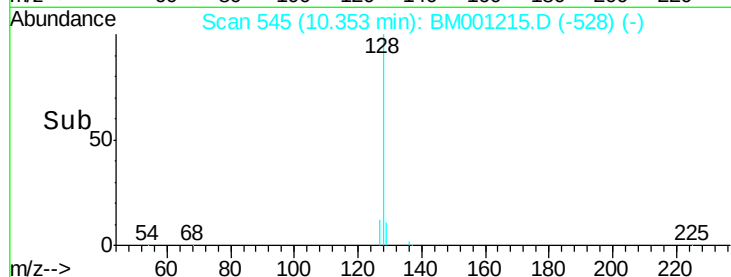
2000

0

10.35

10.30 10.40

Time-->



#10

Hexachlorobutadiene

Concen: 1.01 ng

RT: 10.64 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

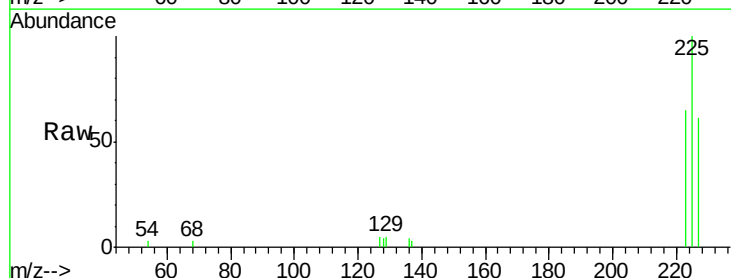
Tgt Ion:225 Resp: 2375

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

227 63.4 51.7 77.5



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

2000

1500

1000

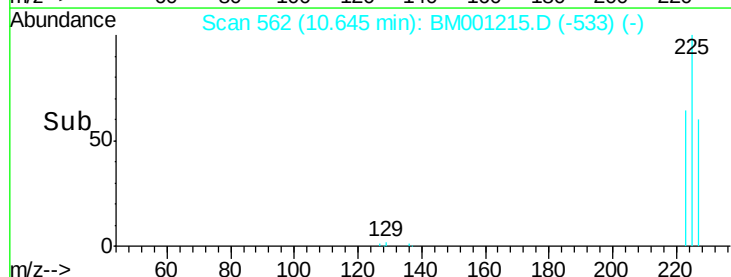
500

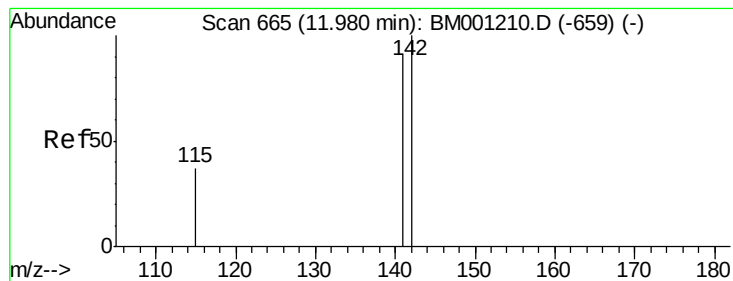
0

10.64

10.50 10.60 10.70 10.80

Time-->





#11

2-Methylnaphthalene

Concen: 1.02 ng

RT: 11.98 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

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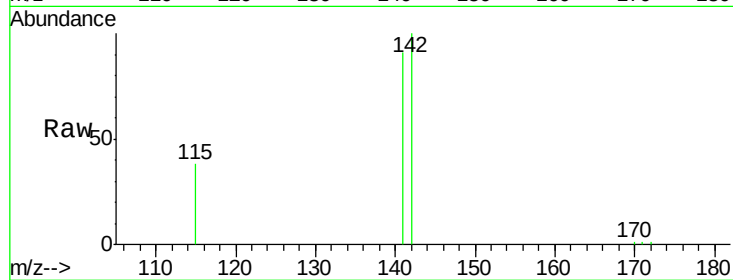
Tgt Ion:142 Resp: 8684

Ion Ratio Lower Upper

142 100

141 90.7 72.5 108.7

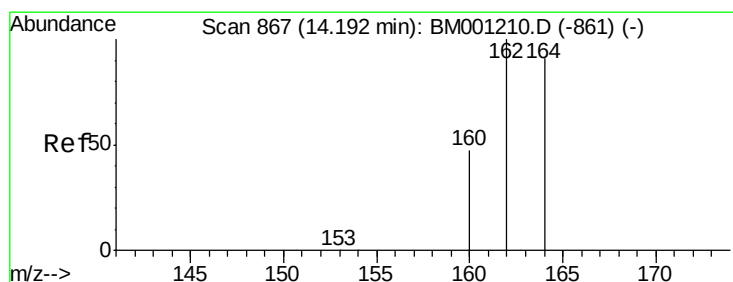
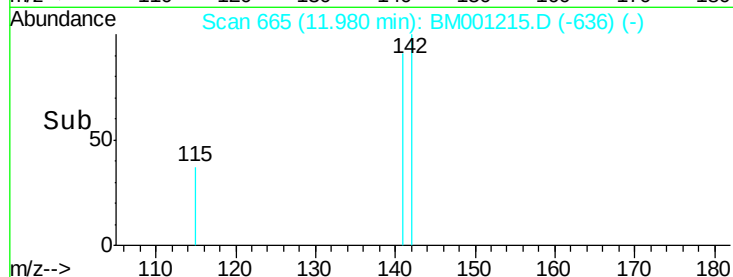
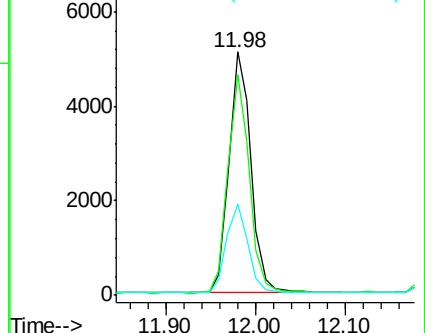
115 37.5 30.3 45.5



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

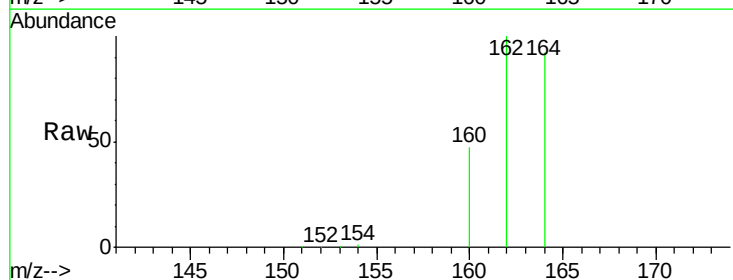
Tgt Ion:164 Resp: 34553

Ion Ratio Lower Upper

164 100

162 109.2 82.7 124.1

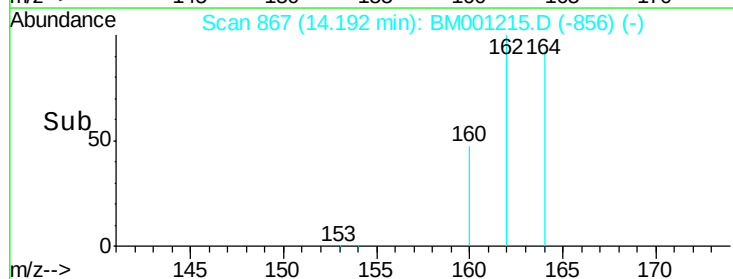
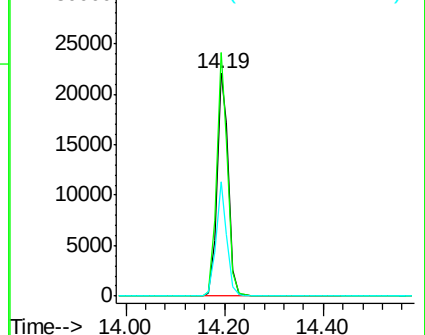
160 51.4 35.8 53.8

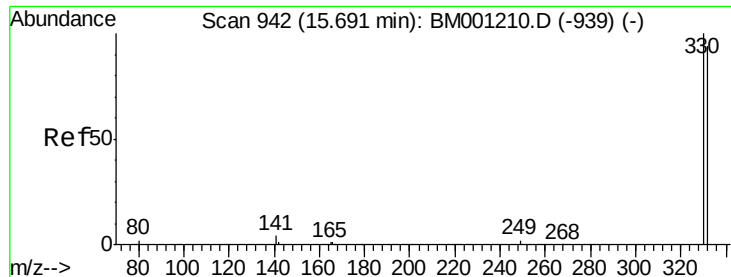


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

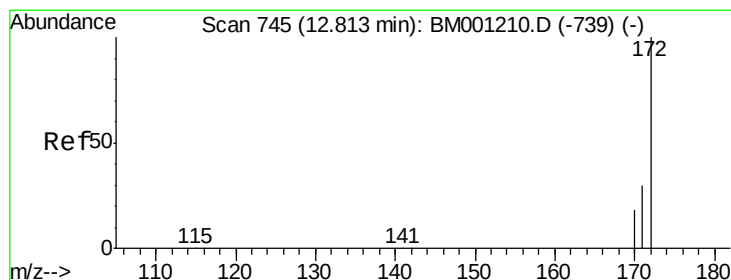
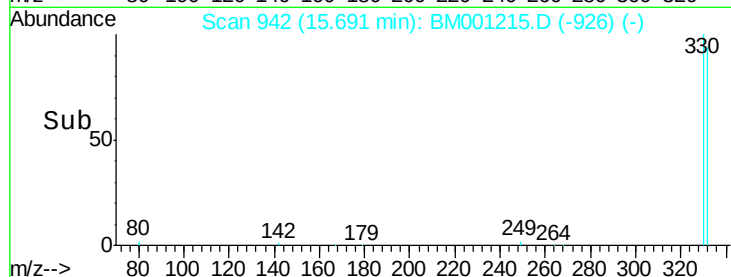
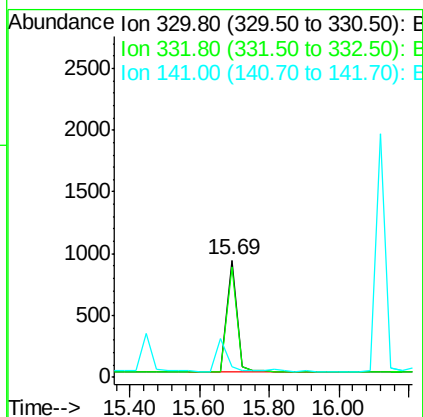
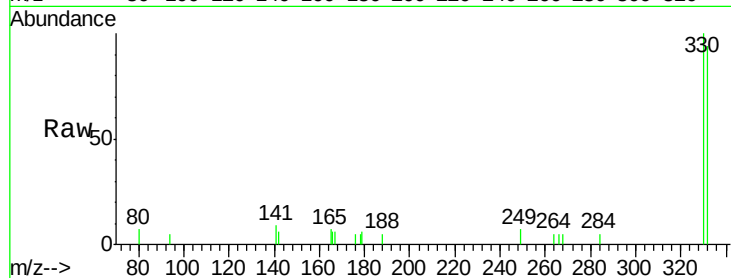




#13
 2,4,6-Tribromophenol
 Concen: 0.92 ng
 RT: 15.69 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001215.D
 Acq: 05 May 2015 19:28

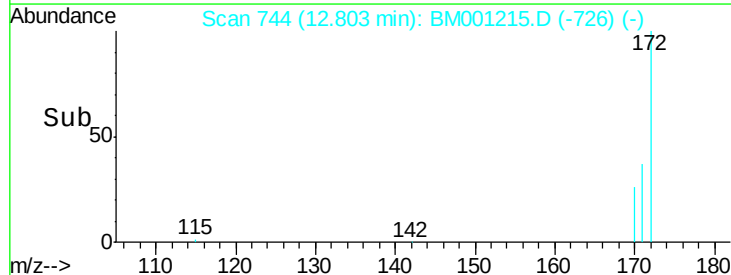
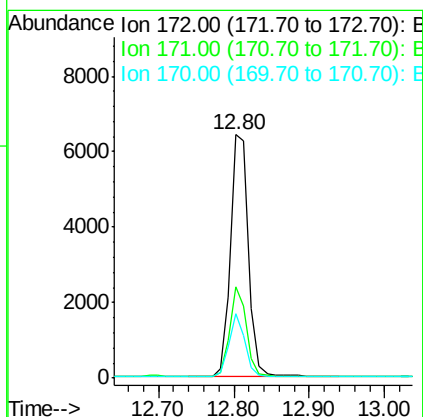
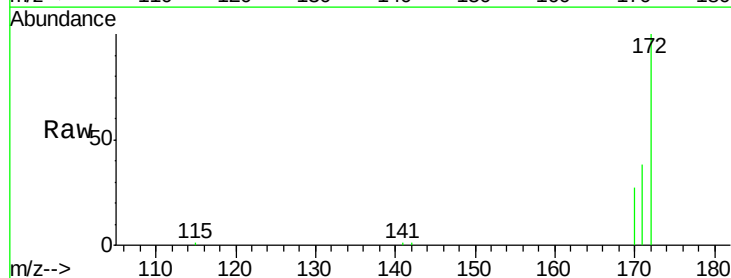
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM050515

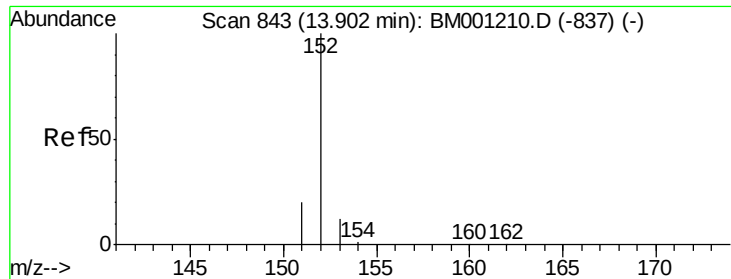
Tgt Ion:330 Resp: 1789
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.4 113.2
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 1.02 ng
 RT: 12.80 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM001215.D
 Acq: 05 May 2015 19:28

Tgt Ion:172 Resp: 10761
 Ion Ratio Lower Upper
 172 100
 171 37.7 24.6 37.0#
 170 26.7 14.5 21.7#





#15

Acenaphthylene

Concen: 1.01 ng

RT: 13.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

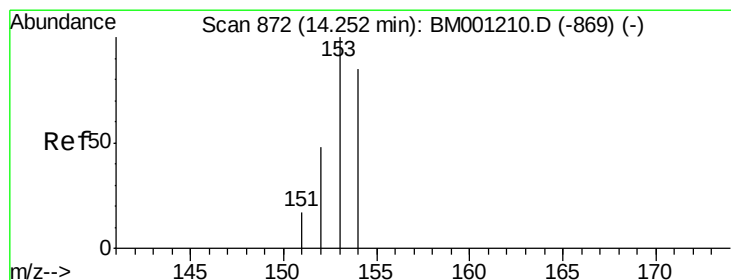
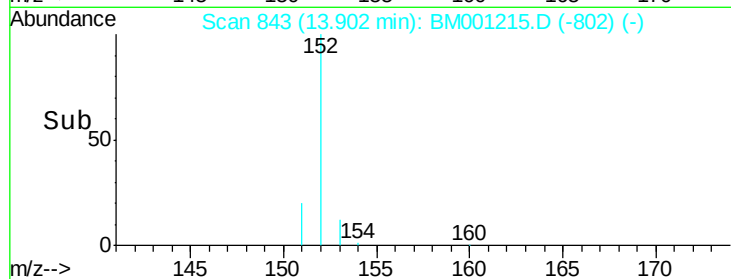
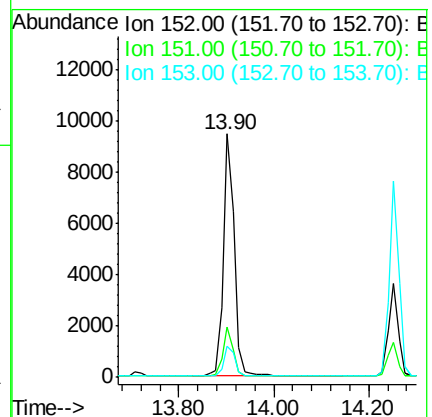
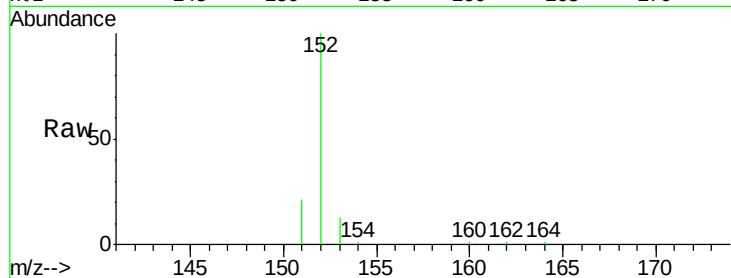
Tgt Ion:152 Resp: 15001

Ion Ratio Lower Upper

152 100

151 19.1 15.0 22.6

153 12.8 10.3 15.5



#16

Acenaphthene

Concen: 1.01 ng

RT: 14.25 min Scan# 872

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

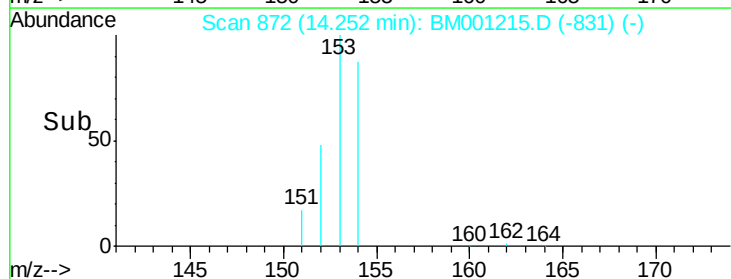
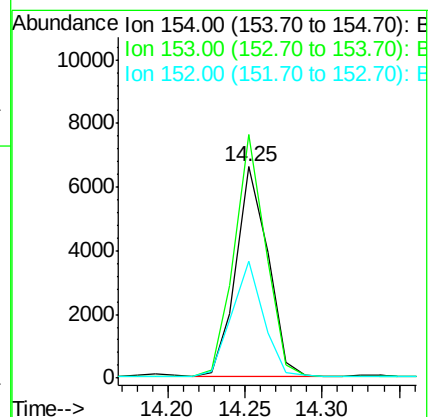
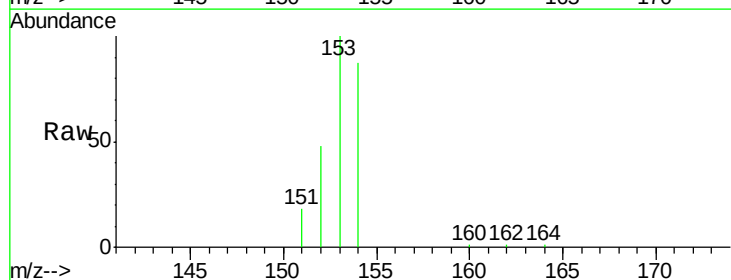
Tgt Ion:154 Resp: 9421

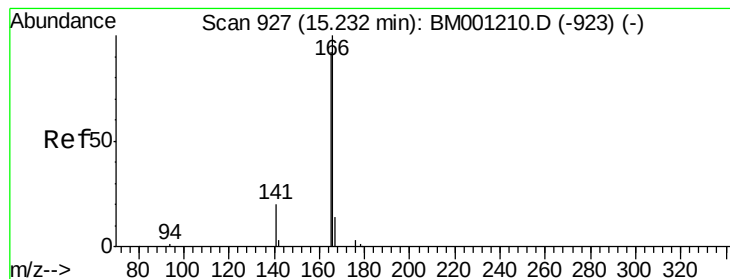
Ion Ratio Lower Upper

154 100

153 113.3 91.0 136.6

152 55.2 43.4 65.0





#17

Fluorene

Concen: 1.05 ng

RT: 15.23 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

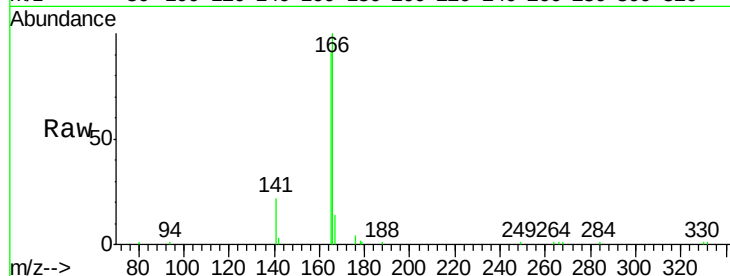
Tgt Ion:166 Resp: 15916

Ion Ratio Lower Upper

166 100

165 91.8 74.2 111.2

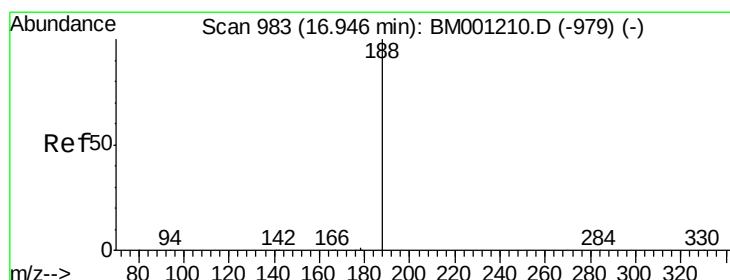
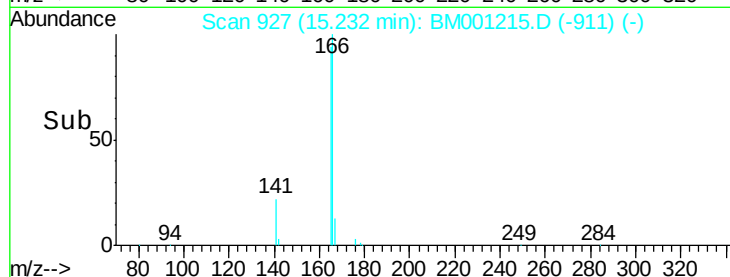
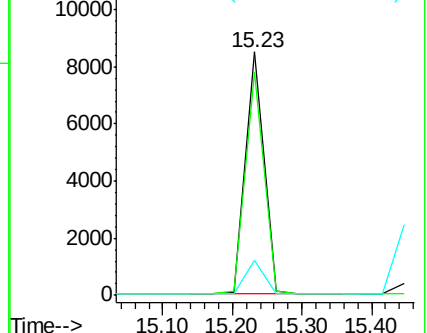
167 13.8 10.8 16.2



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: 16.95 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

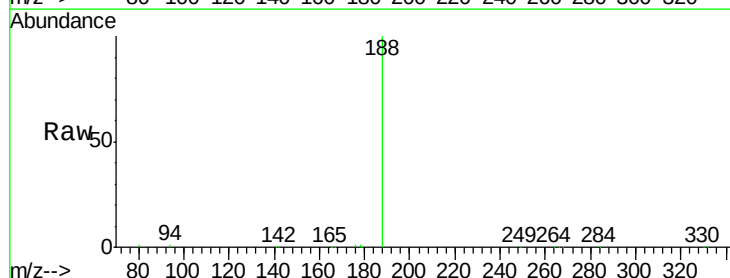
Tgt Ion:188 Resp: 55052

Ion Ratio Lower Upper

188 100

94 0.8 8.2 12.2#

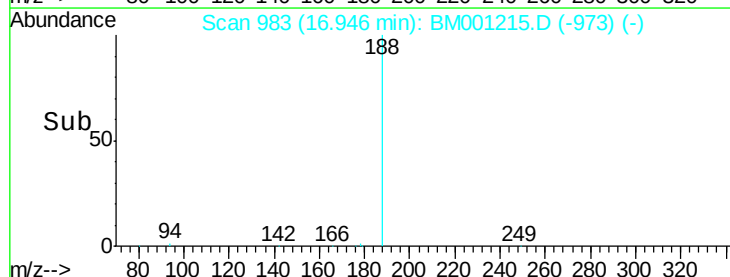
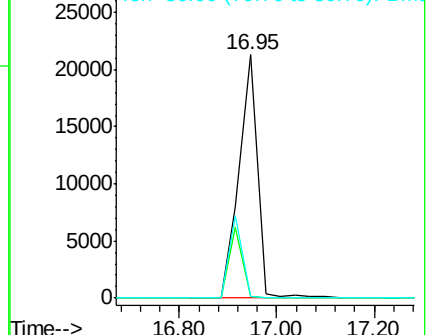
80 0.7 8.9 13.3#

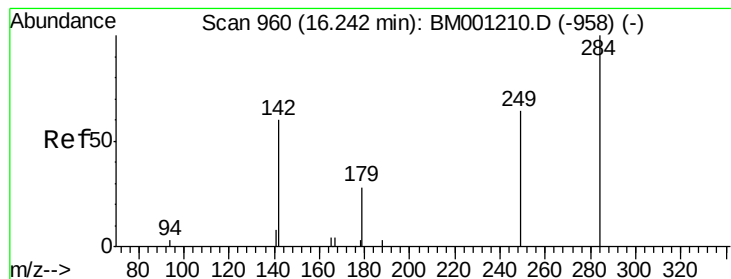


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 0.96 ng

RT: 16.24 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

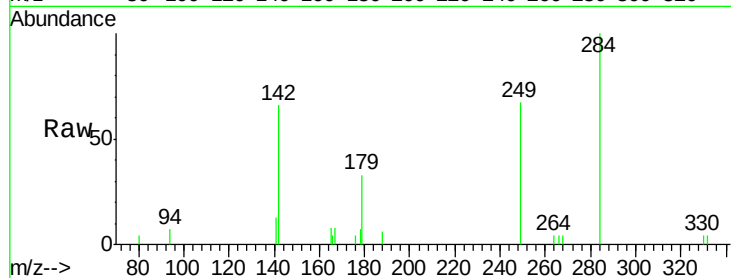
Tgt Ion:284 Resp: 3014

Ion Ratio Lower Upper

284 100

142 53.2 40.2 60.4

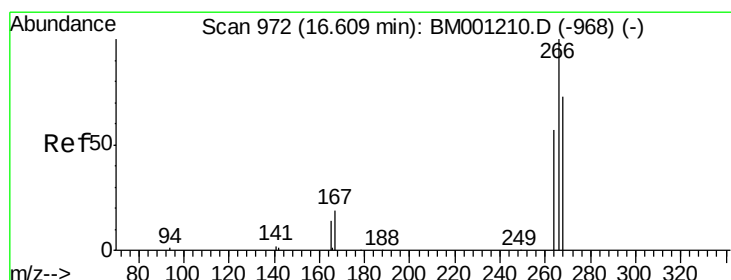
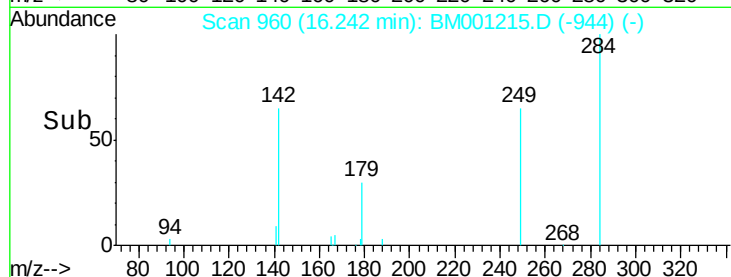
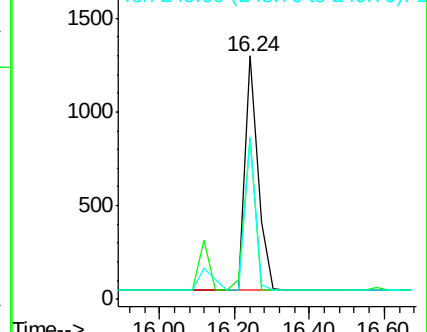
249 51.6 41.4 62.0



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: 1.01 ng

RT: 16.61 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

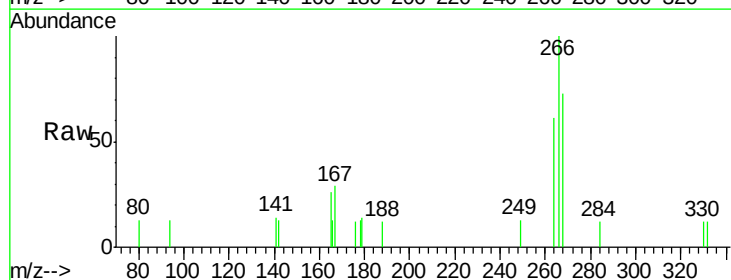
Tgt Ion:266 Resp: 944

Ion Ratio Lower Upper

266 100

268 73.5 60.8 91.2

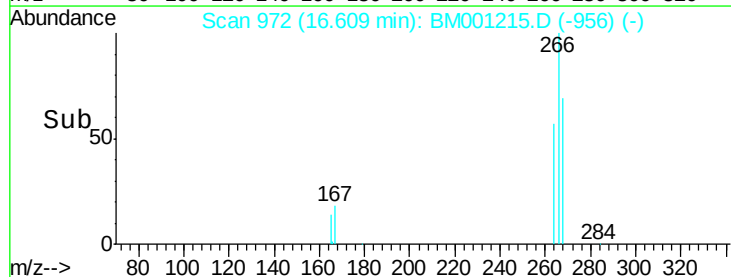
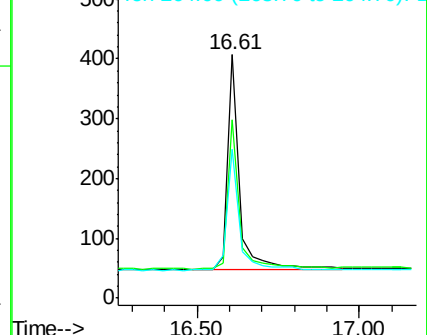
264 61.2 49.0 73.4

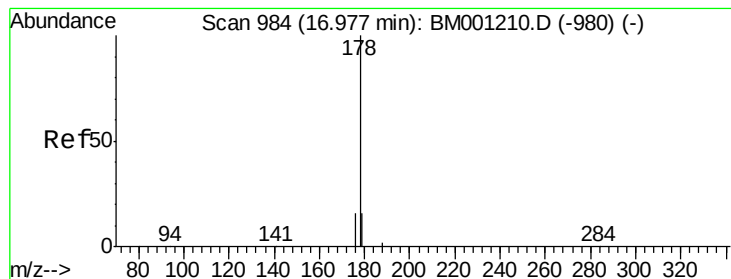


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 1.04 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

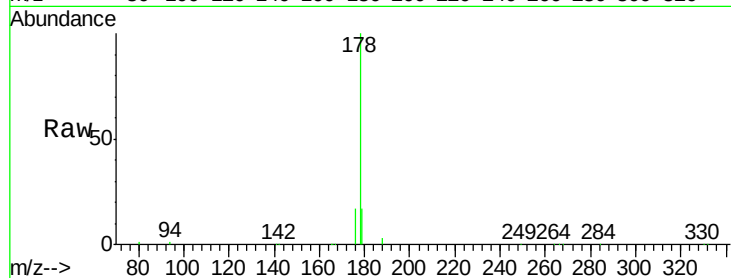
Tgt Ion:178 Resp: 25104

Ion Ratio Lower Upper

178 100

176 17.0 13.8 20.6

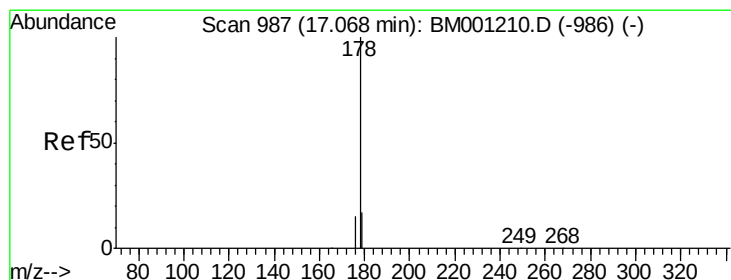
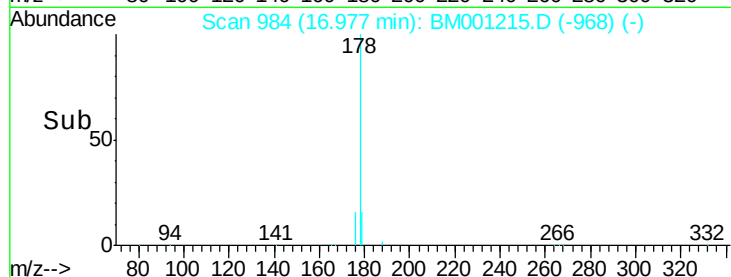
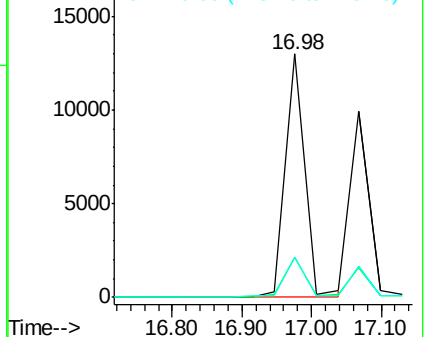
179 16.2 13.1 19.7



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: 0.99 ng

RT: 17.07 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

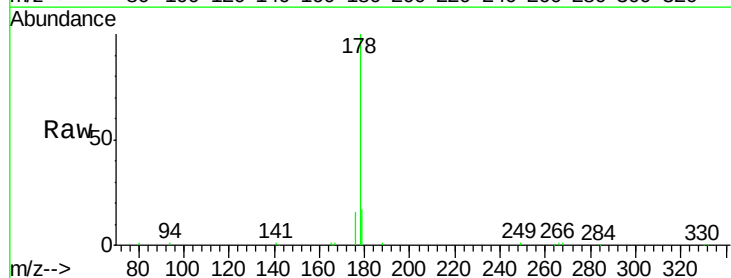
Tgt Ion:178 Resp: 19382

Ion Ratio Lower Upper

178 100

176 16.0 12.6 18.8

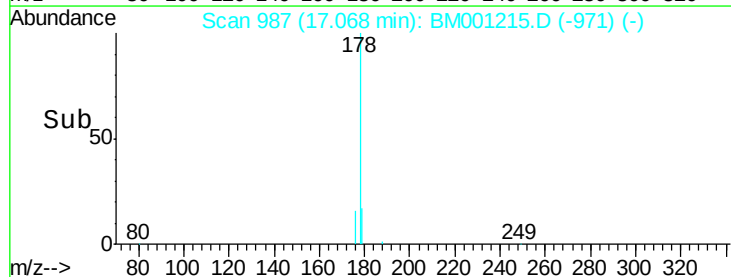
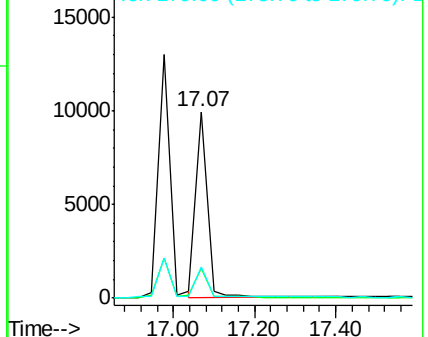
179 16.6 13.4 20.0

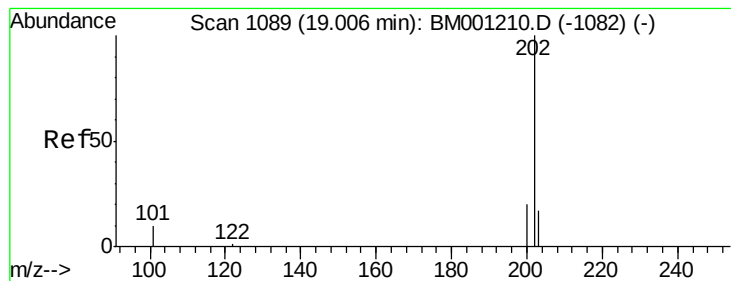


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.03 ng

RT: 19.01 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

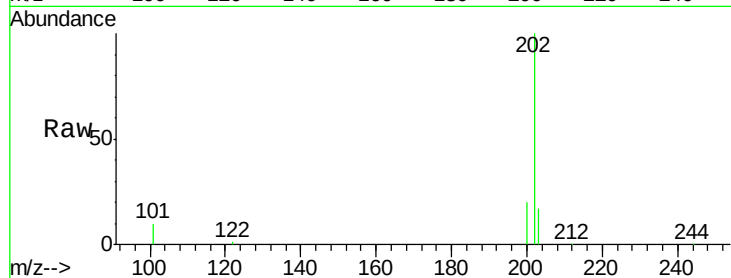
Tgt Ion:202 Resp: 22324

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.6

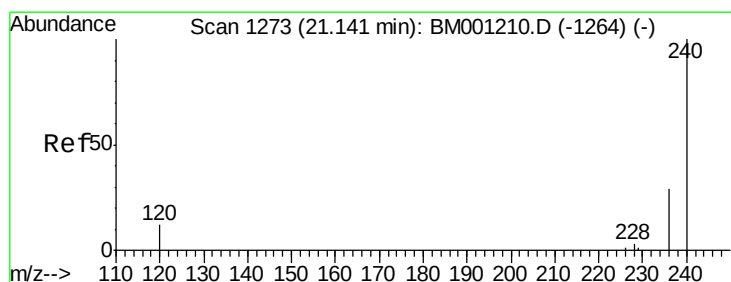
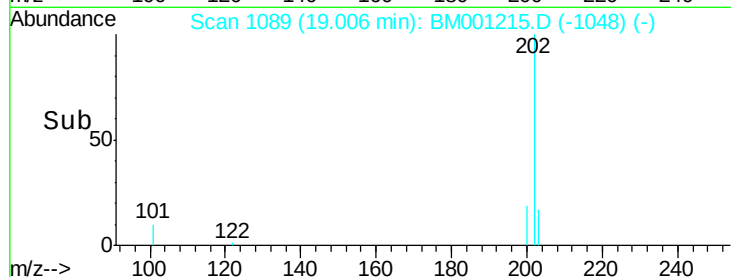
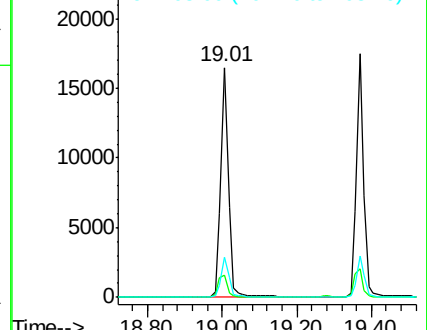
203 17.3 13.6 20.4



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: 21.14 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

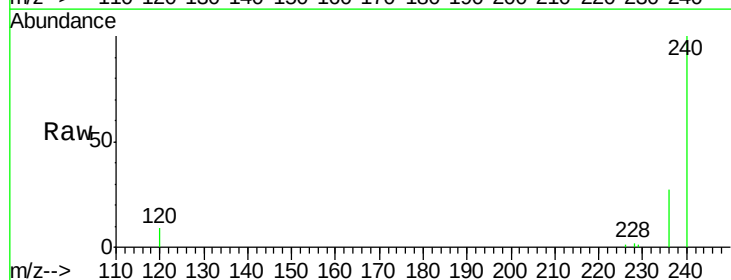
Tgt Ion:240 Resp: 73786

Ion Ratio Lower Upper

240 100

120 9.3 9.6 14.4#

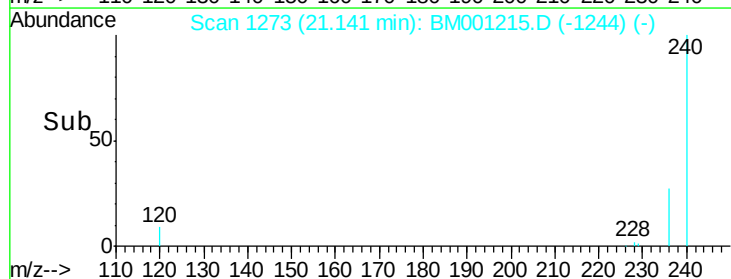
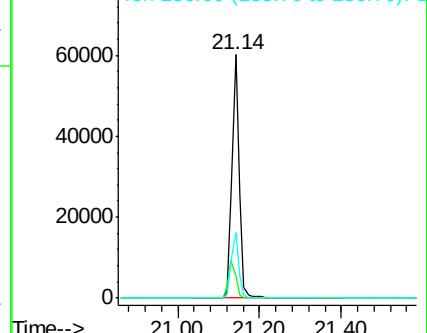
236 26.9 22.9 34.3

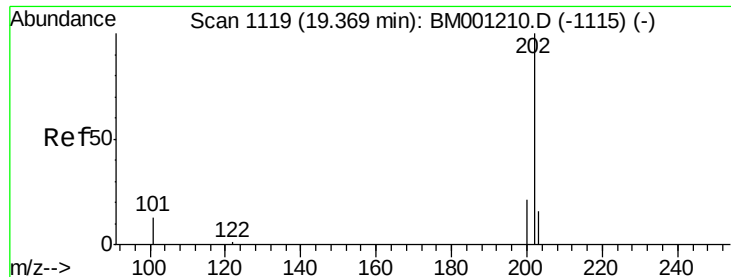


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 1.00 ng

RT: 19.37 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

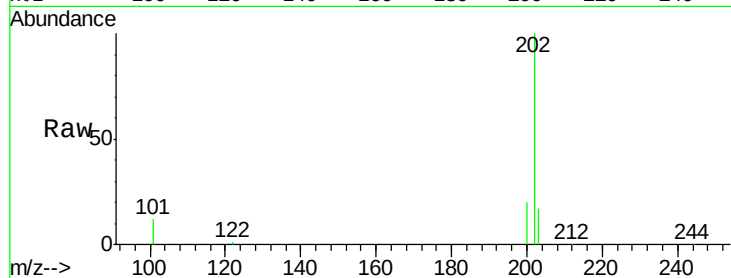
Tgt Ion:202 Resp: 23547

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

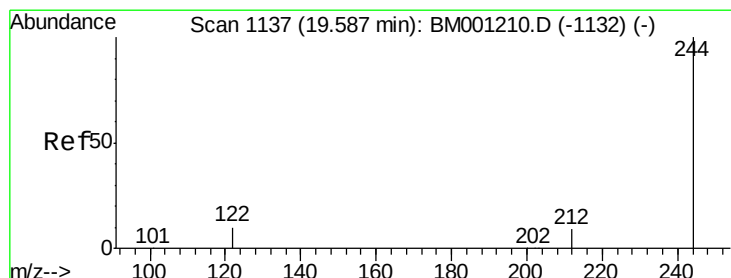
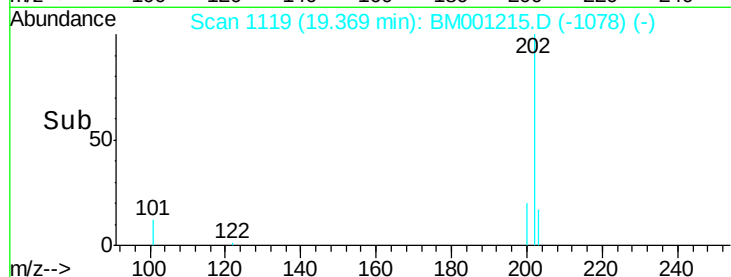
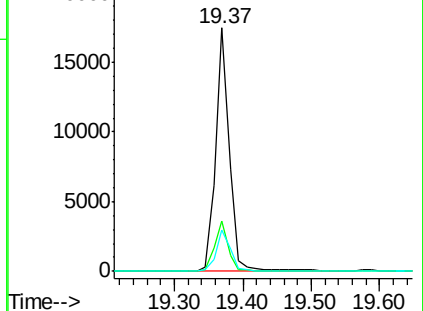
203 17.4 13.8 20.8



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: 1.00 ng

RT: 19.59 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

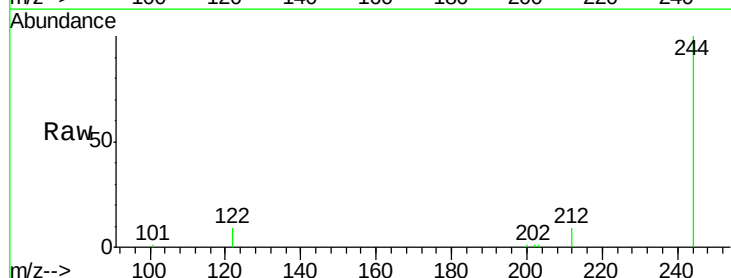
Tgt Ion:244 Resp: 10573

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

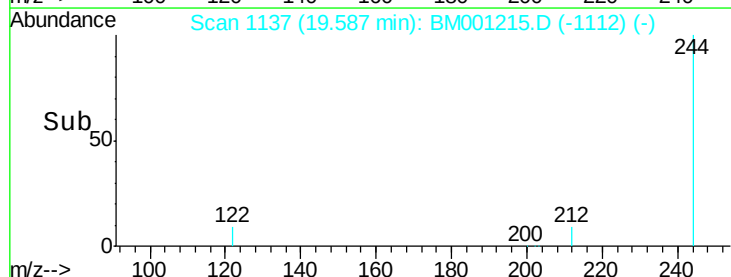
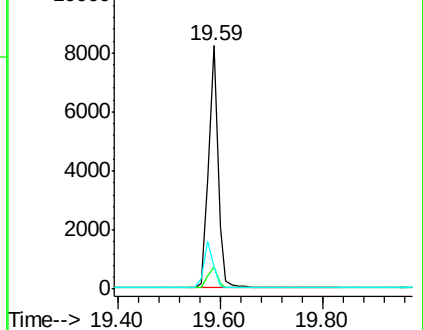
122 9.1 8.2 12.4

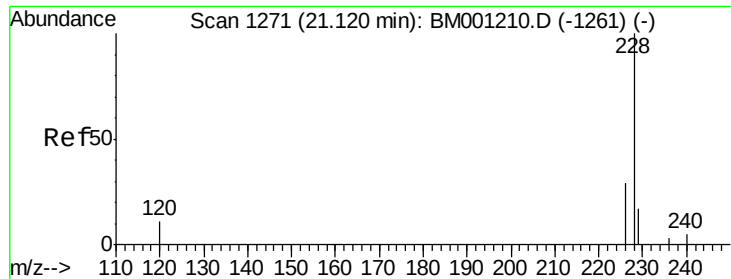


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

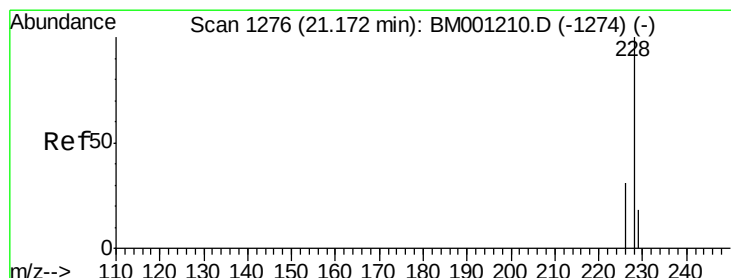
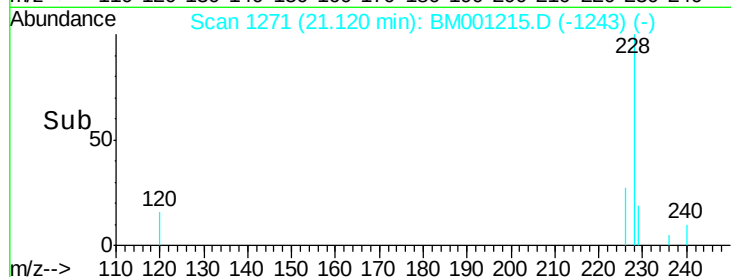
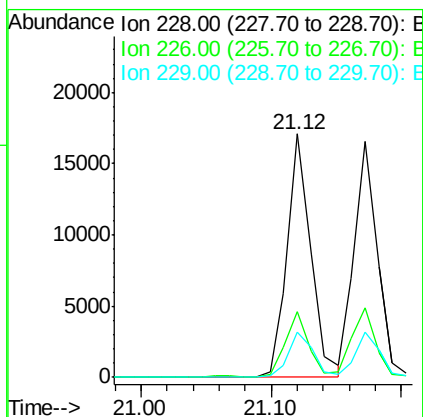
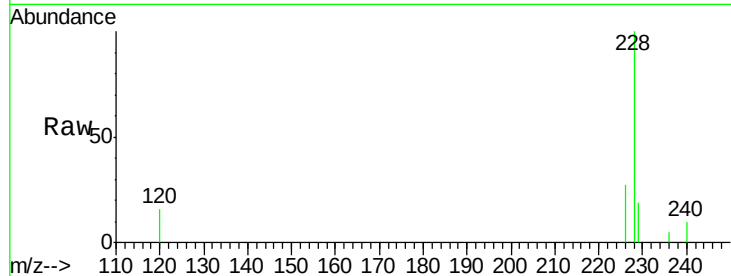




#27
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.12 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM001215.D
Acq: 05 May 2015 19:28

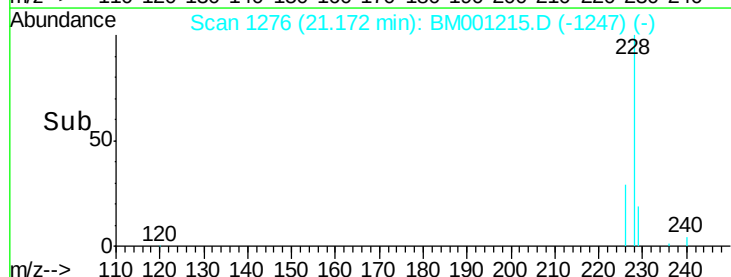
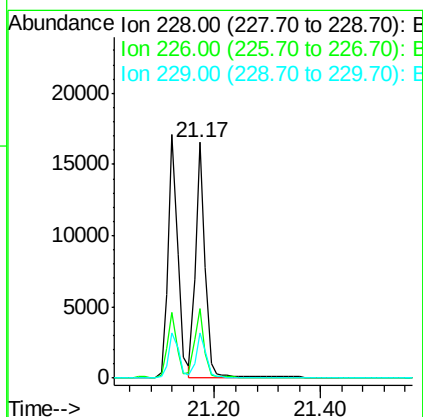
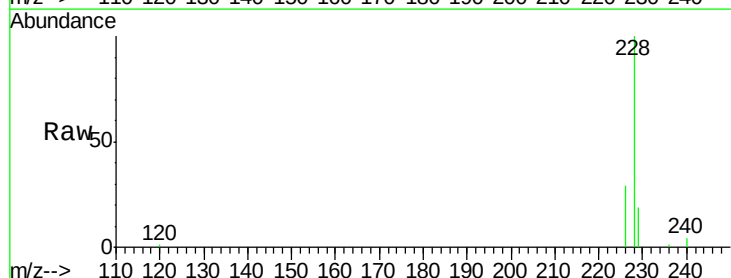
Instrument :
BNA_M
ClientSampleId :
ICVBM050515

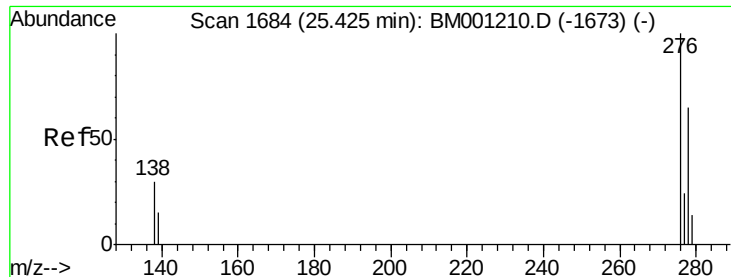
Tgt Ion:228 Resp: 21287
Ion Ratio Lower Upper
228 100
226 27.1 23.0 34.6
229 18.8 14.1 21.1



#28
Chrysene
Concen: 1.02 ng
RT: 21.17 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM001215.D
Acq: 05 May 2015 19:28

Tgt Ion:228 Resp: 20660
Ion Ratio Lower Upper
228 100
226 29.3 24.9 37.3
229 19.2 14.4 21.6





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng

RT: 25.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

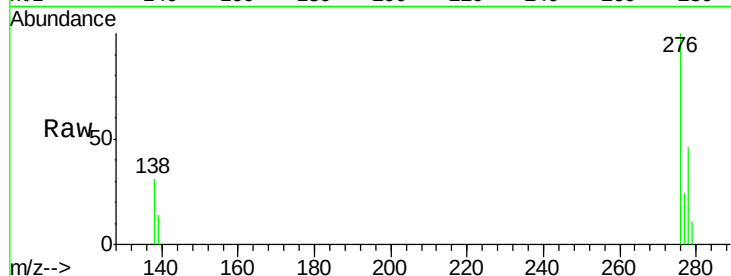
Tgt Ion: 276 Resp: 16667

Ion Ratio Lower Upper

276 100

138 30.2 24.3 36.5

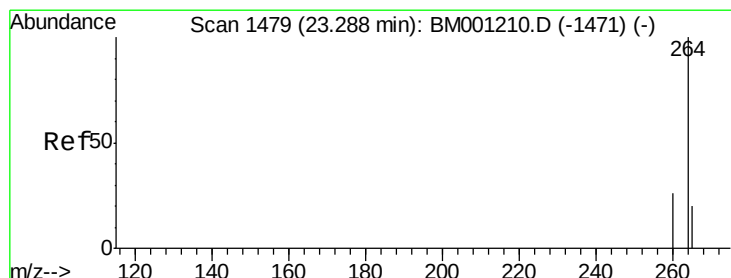
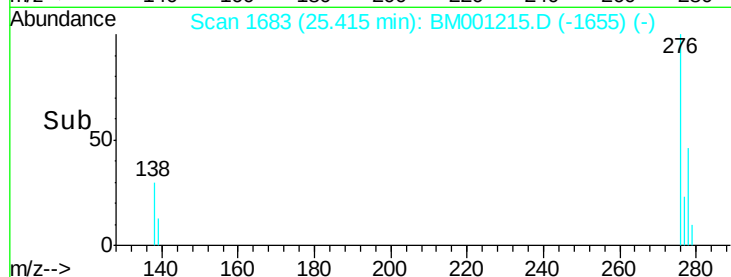
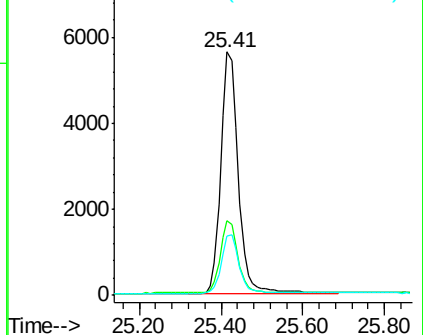
277 24.7 19.6 29.4



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: 23.29 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

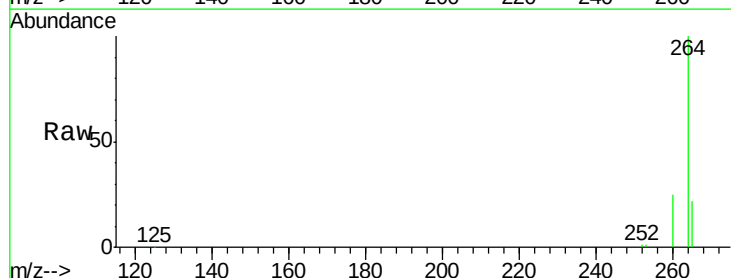
Tgt Ion: 264 Resp: 59524

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

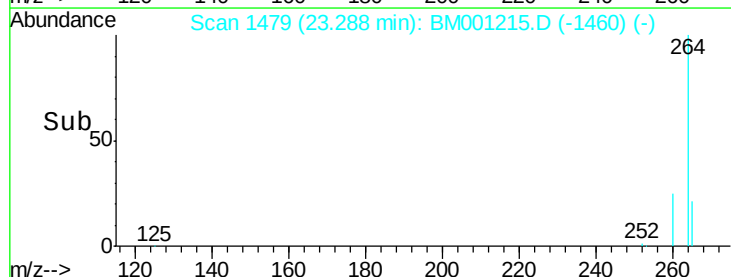
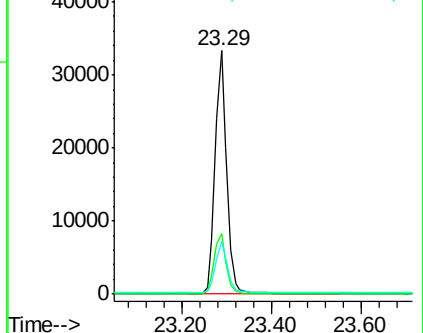
265 21.8 16.8 25.2

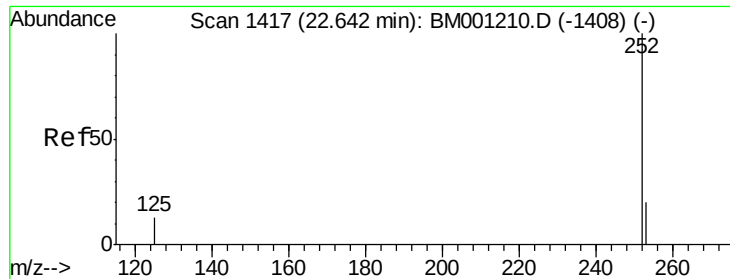


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.64 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

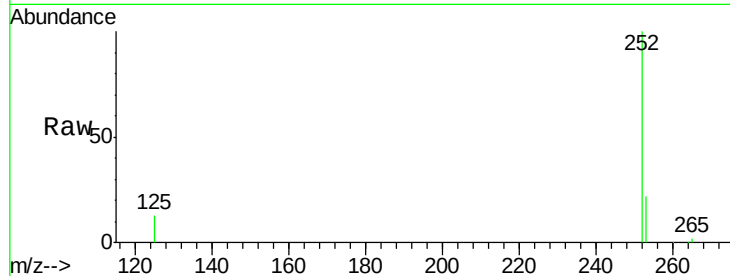
Tgt Ion:252 Resp: 18803

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

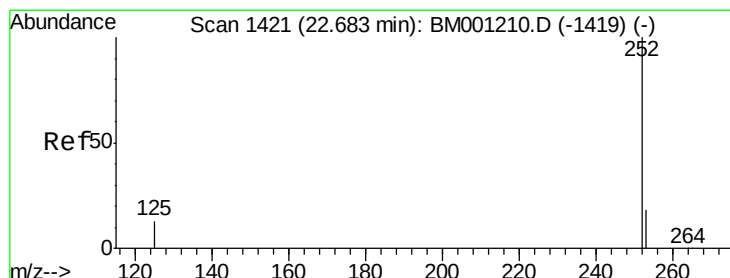
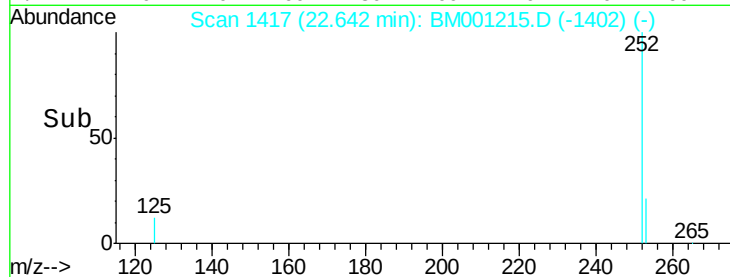
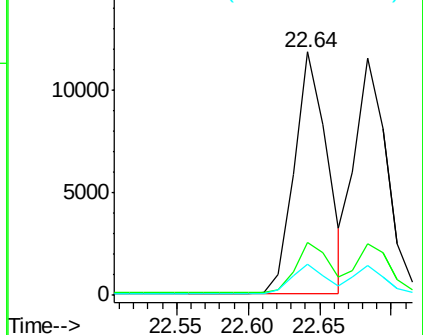
125 12.6 10.9 16.3



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: 1.06 ng

RT: 22.68 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

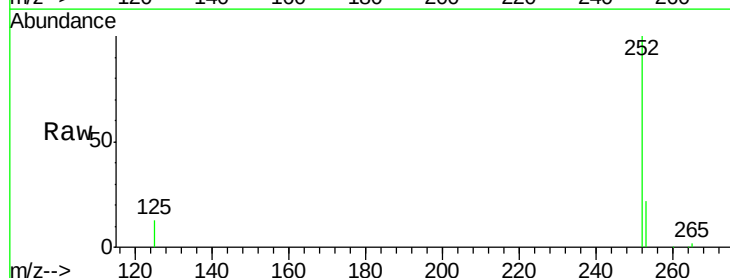
Tgt Ion:252 Resp: 18491

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

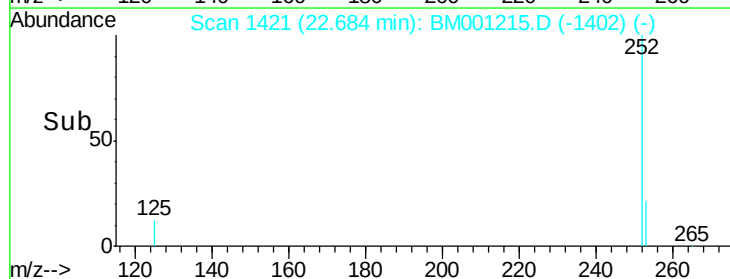
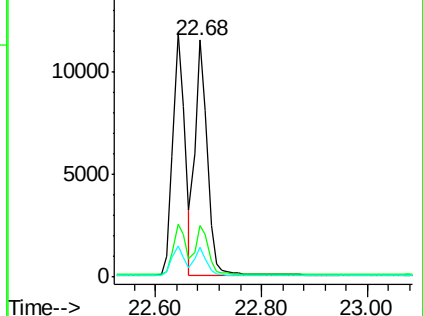
125 12.6 10.2 15.4

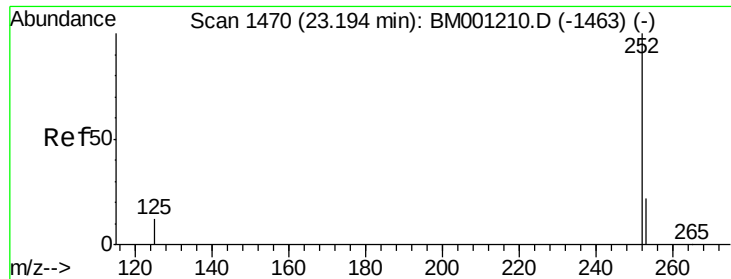


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.19 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515

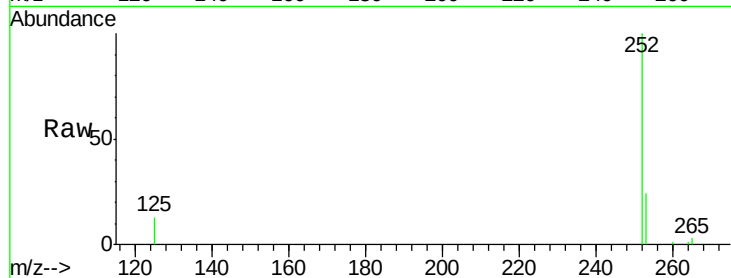
Tgt Ion:252 Resp: 15946

Ion Ratio Lower Upper

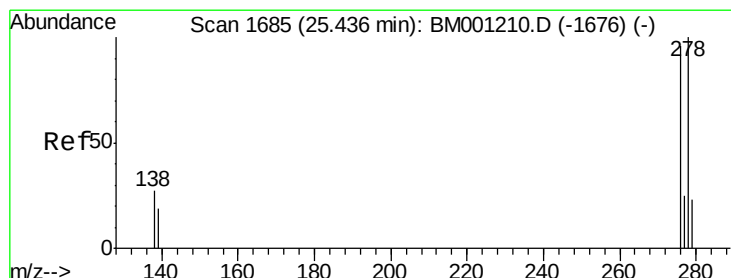
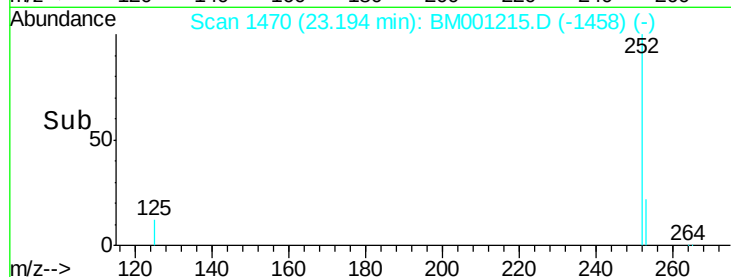
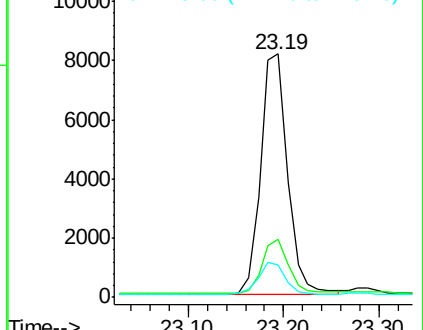
252 100

253 23.8 18.6 28.0

125 13.4 10.6 16.0



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: 1.01 ng

RT: 25.44 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BM001215.D

Acq: 05 May 2015 19:28

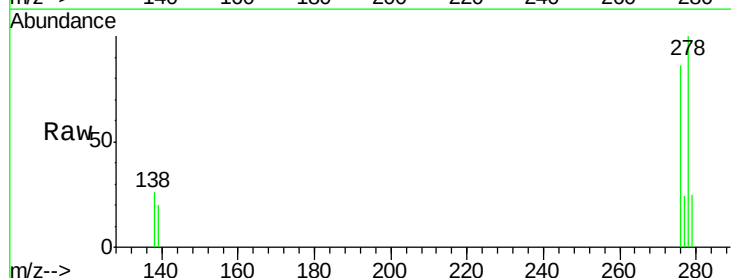
Tgt Ion:278 Resp: 12950

Ion Ratio Lower Upper

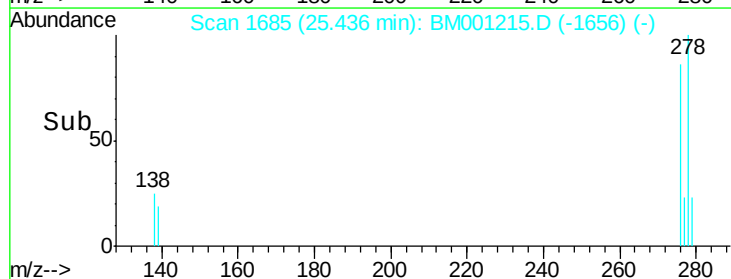
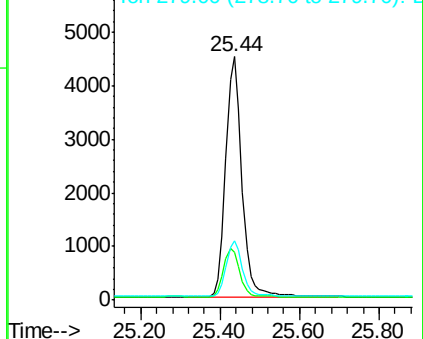
278 100

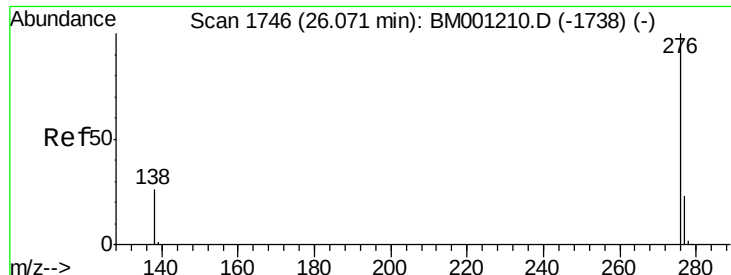
139 19.7 16.2 24.4

279 24.5 19.5 29.3



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: 1.02 ng

RT: 26.07 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM001215.D

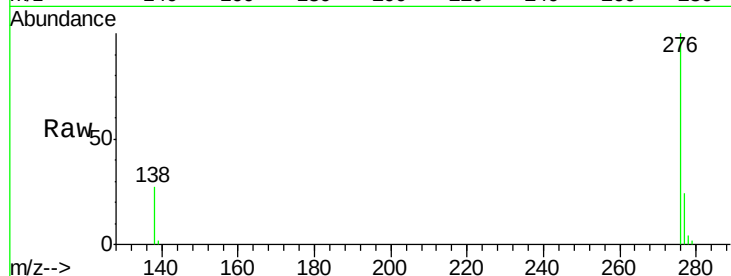
Acq: 05 May 2015 19:28

Instrument :

BNA_M

ClientSampleId :

ICVBM050515



Tgt Ion: 276 Resp: 13542

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 26.8 21.8 32.8

