

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001528.D
 Acq On : 03 Jun 2015 00:13
 Operator : TP/IZ
 Sample : PB83718BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Quant Time: Jun 03 05:00:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 02:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	14817	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	50555	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	23648	5.00	ng	-0.01
18) Phenanthrene-d10	17.10	188	65703	5.00	ng	0.00
25) Chrysene-d12	21.30	240	41206	5.00	ng	0.00
32) Perylene-d12	23.53	264	36266	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	45465	14.04	ng	-0.02
5) Phenol-d6	6.86	99	57879	14.46	ng	0.00
7) Nitrobenzene-d5	8.87	82	33024	10.50	ng	0.00
13) 2,4,6-Tribromophenol	15.84	330	13846	31.40	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	70528	9.93	ng	-0.01
27) Terphenyl-d14	19.74	244	49938	9.83	ng	0.00

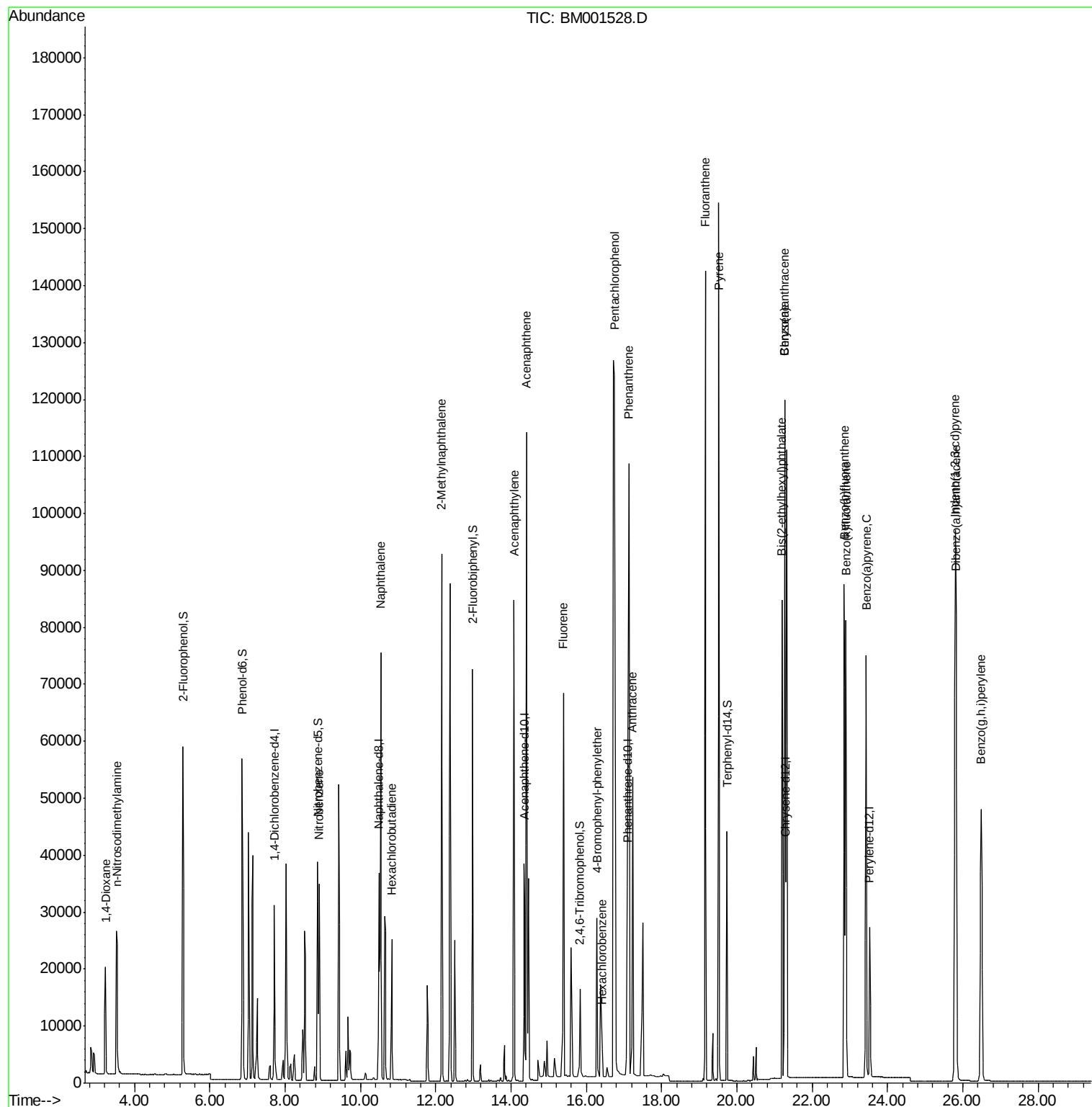
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	12723	9.93	ng	96
3) n-Nitrosodimethylamine	3.52	42	21471	10.20	ng	# 96
8) Nitrobenzene	8.91	77	36793	11.01	ng	98
9) Naphthalene	10.54	128	99281	9.30	ng	97
10) Hexachlorobutadiene	10.83	225	17777	9.55	ng	100
11) 2-Methylnaphthalene	12.16	142	64989	9.70	ng	98
15) Acenaphthylene	14.08	152	103807	10.28	ng	99
16) Acenaphthene	14.42	154	59005	9.34	ng	99
17) Fluorene	15.40	166	64539	6.13	ng	93
19) 4-Bromophenyl-phenylether	16.28	248	18332	20.03	ng	# 56
20) Hexachlorobenzene	16.42	284	12892	5.24	ng	# 37
21) Pentachlorophenol	16.76	266	117971	81.38	ng	# 89
22) Phenanthrene	17.13	178	163927	14.27	ng	96
23) Anthracene	17.23	178	80683	5.81	ng	95
24) Fluoranthene	19.16	202	122628	10.64	ng	98
26) Pyrene	19.52	202	132750	10.68	ng	99
28) Benzo(a)anthracene	21.26	228	113401	10.22	ng	96
29) Chrysene	21.26	228	113403	10.79	ng	94
30) Bis(2-ethylhexyl)phthalate	21.20	149	88576	11.31	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.80	276	113568	9.72	ng	# 94
33) Benzo(b)fluoranthene	22.85	252	105471	10.19	ng	97
34) Benzo(k)fluoranthene	22.90	252	104000	11.49	ng	99
35) Benzo(a)pyrene	23.44	252	99887	11.32	ng	98
36) Dibenzo(a,h)anthracene	25.82	278	92012	10.47	ng	97
37) Benzo(g,h,i)perylene	26.49	276	94640	10.30	ng	# 93

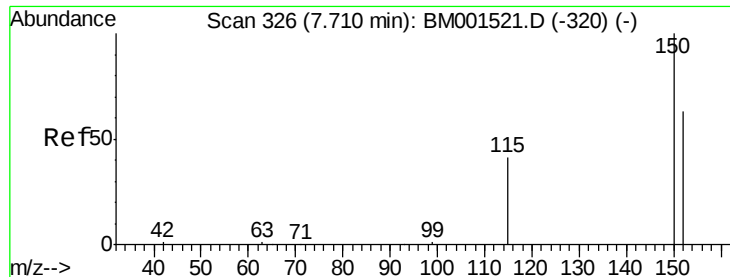
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM001528.D
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QLast Update : Wed Jun 03 02:19:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.71 min Scan# 326

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

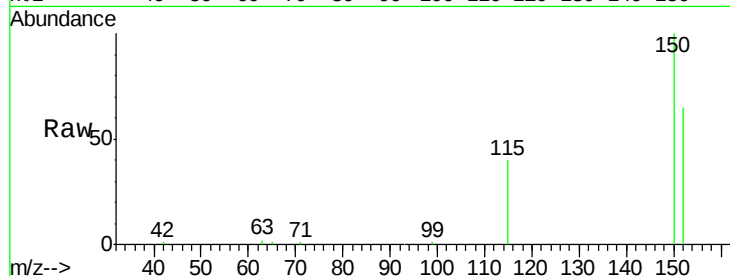
Tgt Ion:152 Resp: 14817

Ion Ratio Lower Upper

152 100

150 154.8 119.0 178.6

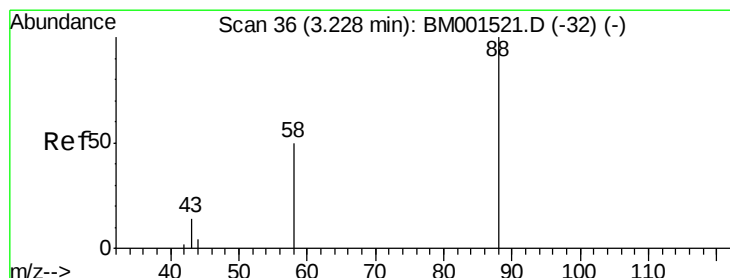
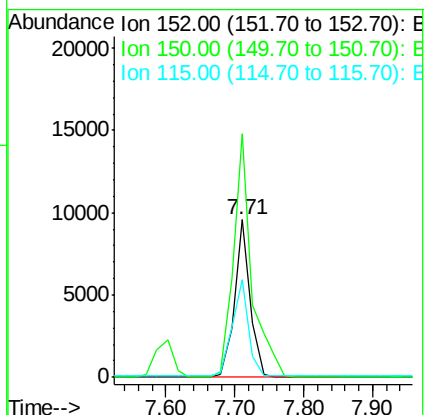
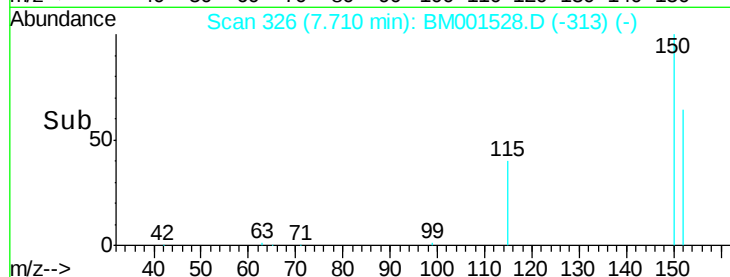
115 62.3 41.8 62.8



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: 9.93 ng

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

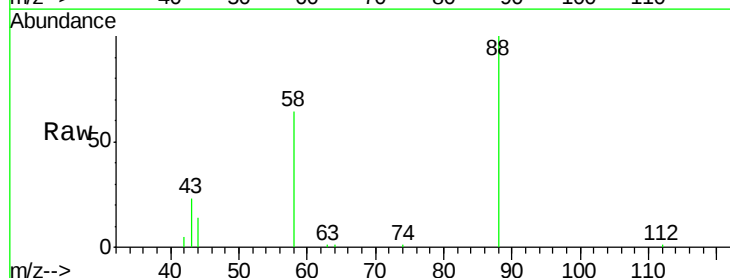
Tgt Ion: 88 Resp: 12723

Ion Ratio Lower Upper

88 100

58 86.2 71.3 106.9

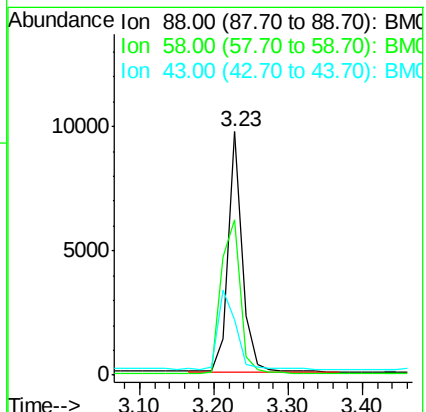
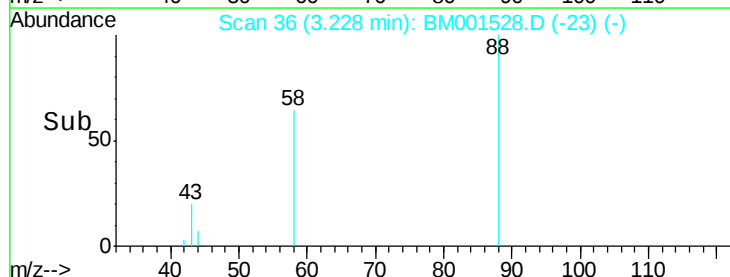
43 40.7 35.5 53.3

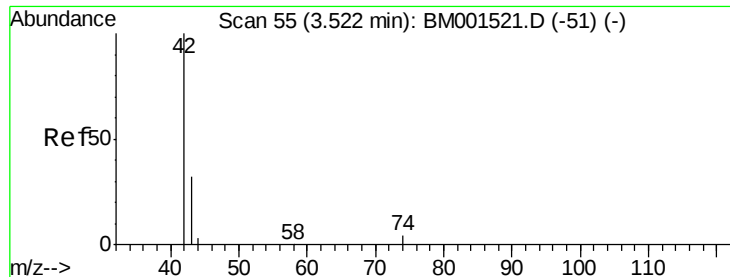


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 10.20 ng

RT: 3.52 min Scan# 55

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

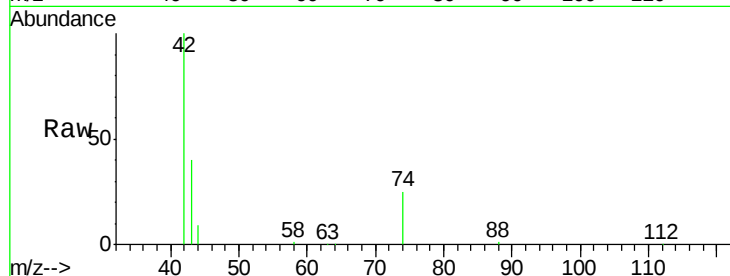
Tgt Ion: 42 Resp: 21471

Ion Ratio Lower Upper

42 100

74 93.7 72.2 108.2

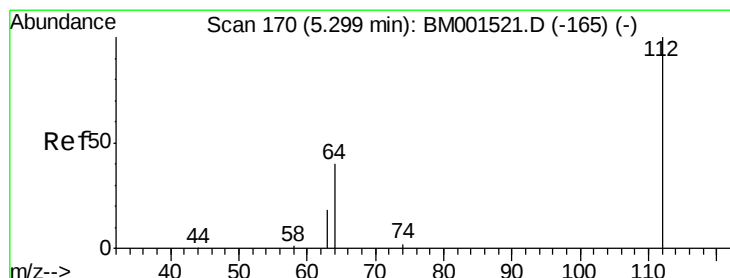
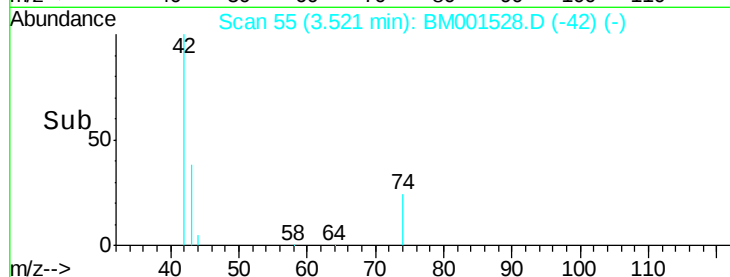
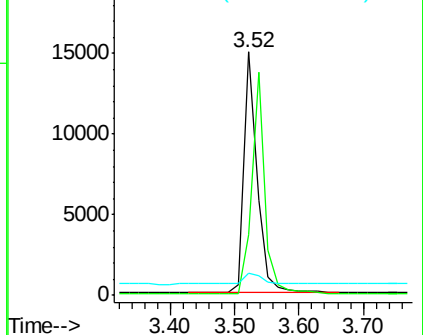
44 6.0 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001521.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001521.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001521.D (-51) (-)



#4

2-Fluorophenol

Concen: 14.04 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.02 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

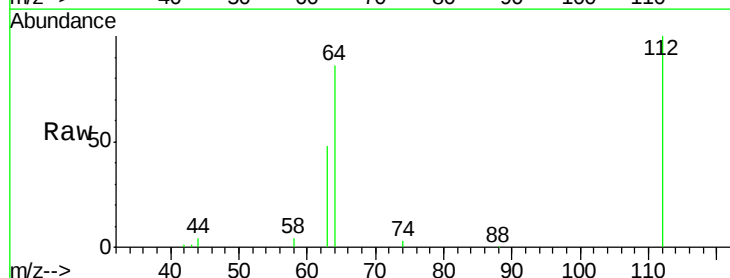
Tgt Ion: 112 Resp: 45465

Ion Ratio Lower Upper

112 100

64 66.7 51.7 77.5

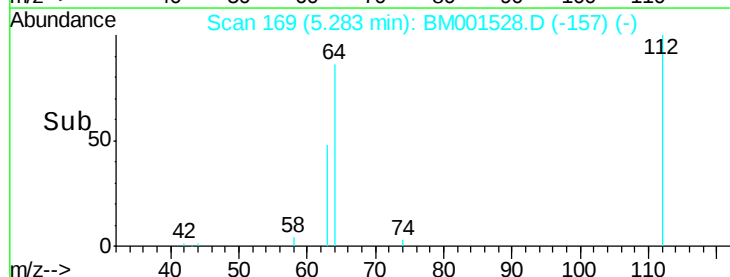
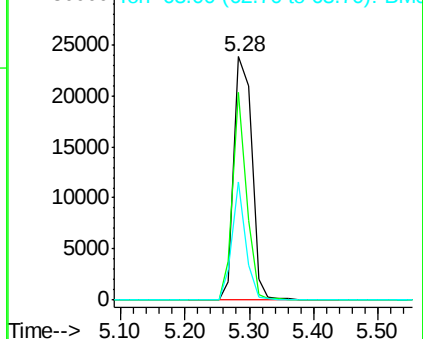
63 37.0 29.7 44.5

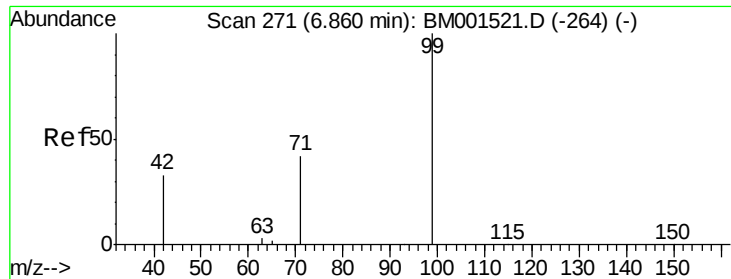


Abundance Ion 112.00 (111.70 to 112.70): BM001521.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001521.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001521.D (-165) (-)





#5

Phenol-d6

Concen: 14.46 ng

RT: 6.86 min Scan# 271

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

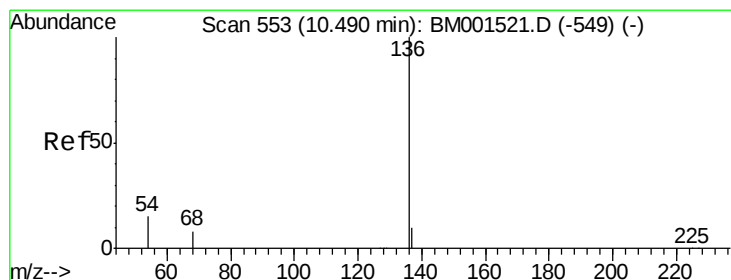
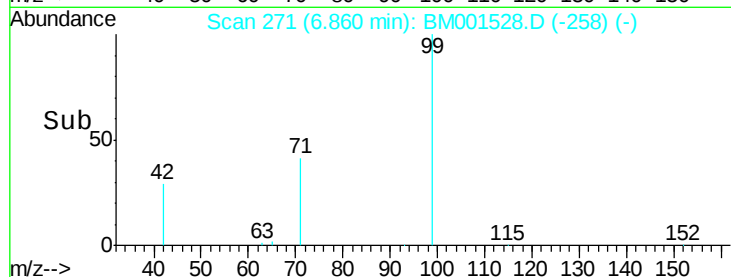
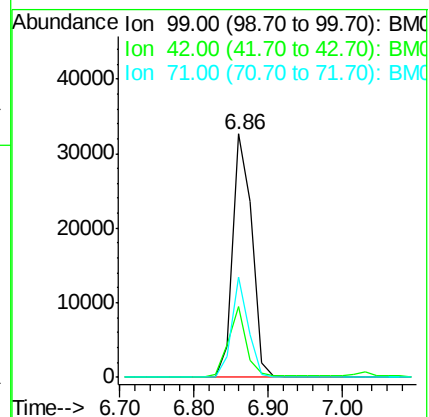
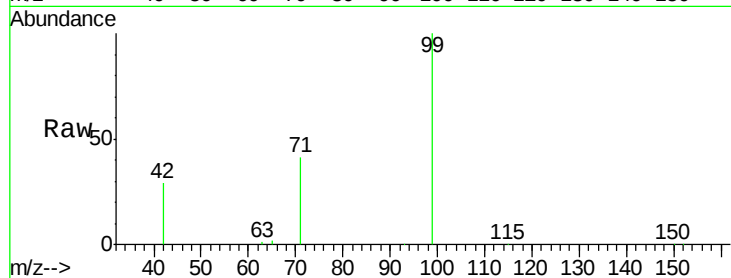
Tgt Ion: 99 Resp: 57879

Ion Ratio Lower Upper

99 100

42 26.4 21.8 32.6

71 35.9 29.2 43.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Tgt Ion: 136 Resp: 50555

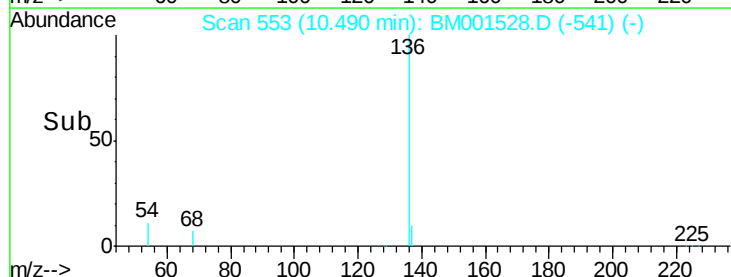
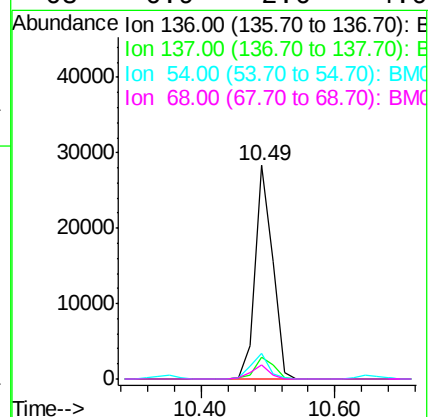
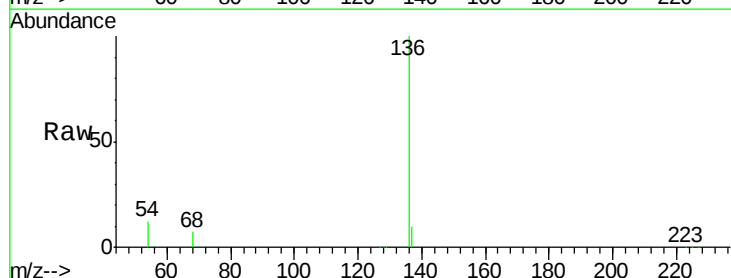
Ion Ratio Lower Upper

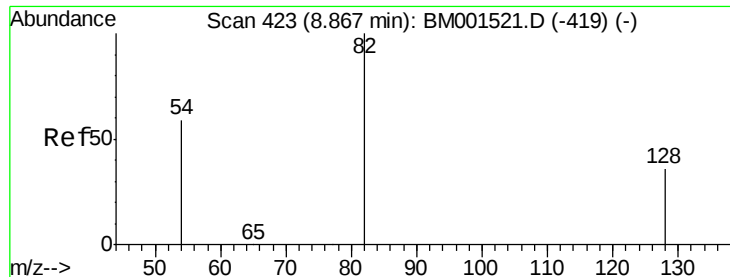
136 100

137 10.3 9.1 13.7

54 11.7 4.3 6.5#

68 6.9 2.6 4.0#





#7

Nitrobenzene-d5

Concen: 10.50 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

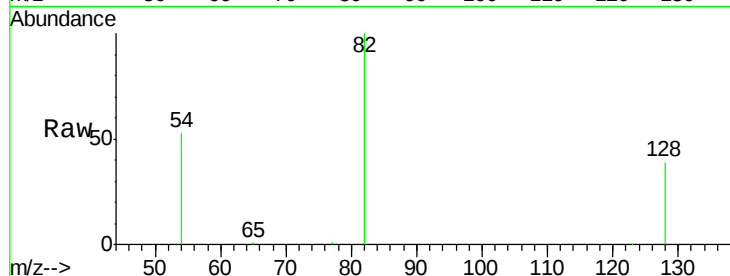
Tgt Ion: 82 Resp: 33024

Ion Ratio Lower Upper

82 100

128 39.1 30.2 45.4

54 52.8 52.9 79.3#

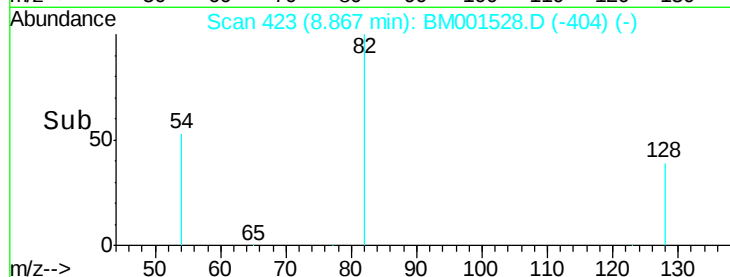


Abundance Ion 82.00 (81.70 to 82.70): BM001528.D (-419) (-)

Ion 128.00 (127.70 to 128.70): BM001528.D (-419) (-)

Ion 54.00 (53.70 to 54.70): BM001528.D (-419) (-)

Time-->



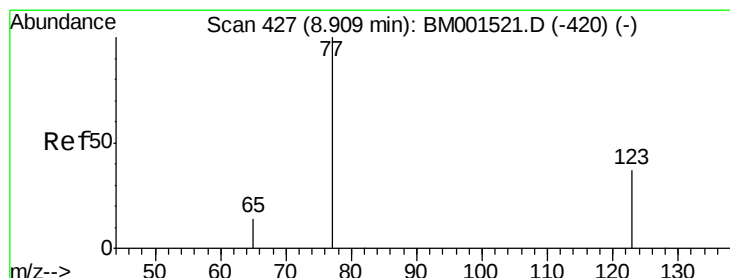
Abundance

Ion 82.00 (81.70 to 82.70): BM001528.D (-419) (-)

Ion 128.00 (127.70 to 128.70): BM001528.D (-419) (-)

Ion 54.00 (53.70 to 54.70): BM001528.D (-419) (-)

Time-->



#8

Nitrobenzene

Concen: 11.01 ng

RT: 8.91 min Scan# 427

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

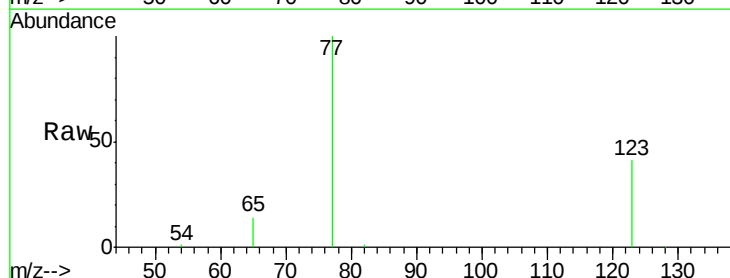
Tgt Ion: 77 Resp: 36793

Ion Ratio Lower Upper

77 100

123 40.7 33.7 50.5

65 14.6 11.3 16.9

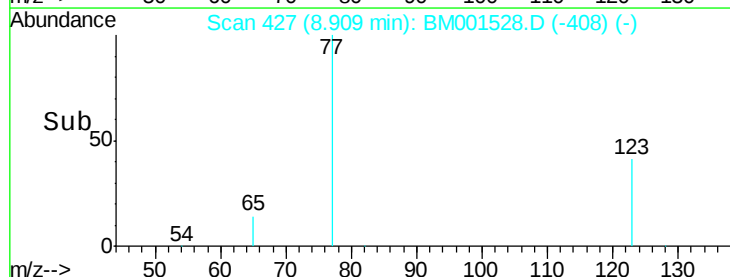


Abundance Ion 77.00 (76.70 to 77.70): BM001528.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM001528.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM001528.D (-408) (-)

Time-->



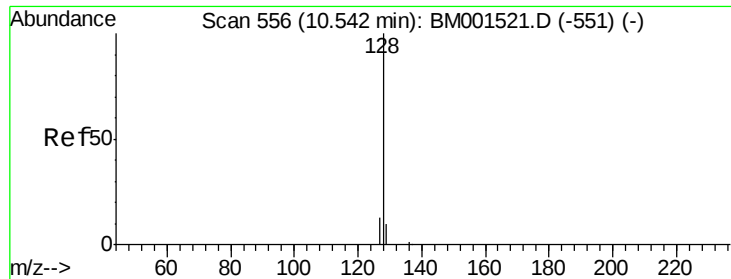
Abundance

Ion 77.00 (76.70 to 77.70): BM001528.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM001528.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM001528.D (-408) (-)

Time-->



#9

Naphthalene

Concen: 9.30 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

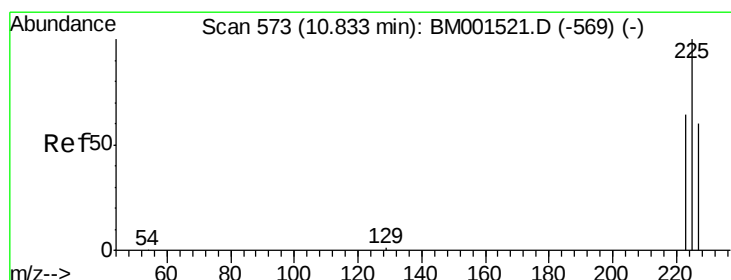
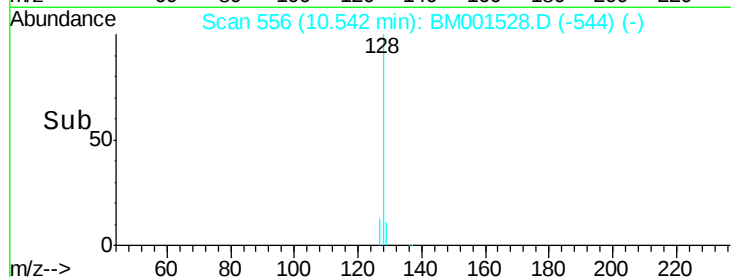
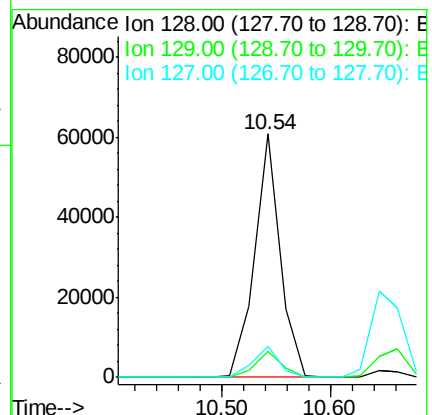
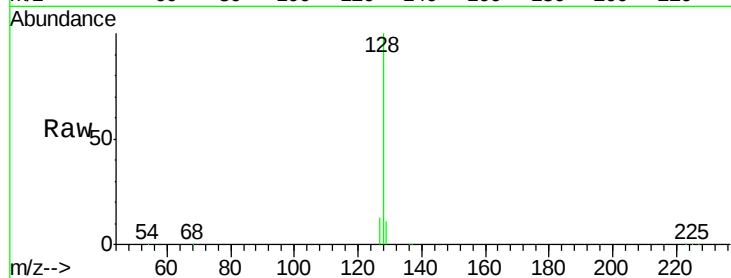
Tgt Ion:128 Resp: 99281

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.7 11.7 17.5



#10

Hexachlorobutadiene

Concen: 9.55 ng

RT: 10.83 min Scan# 573

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

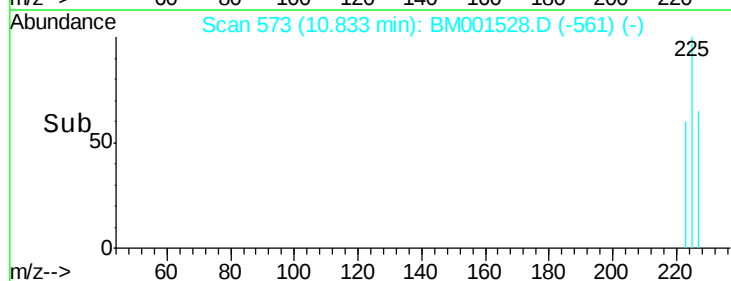
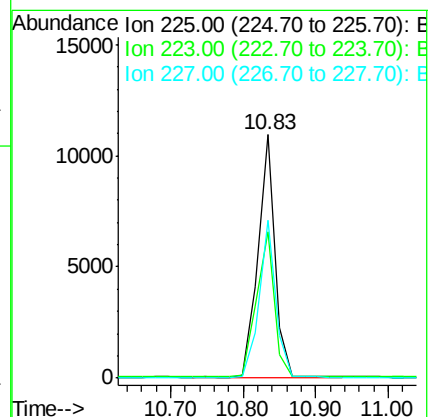
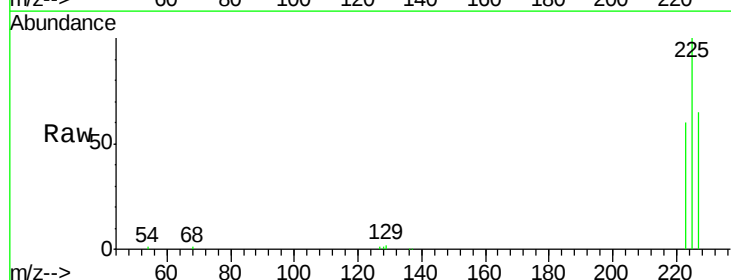
Tgt Ion:225 Resp: 17777

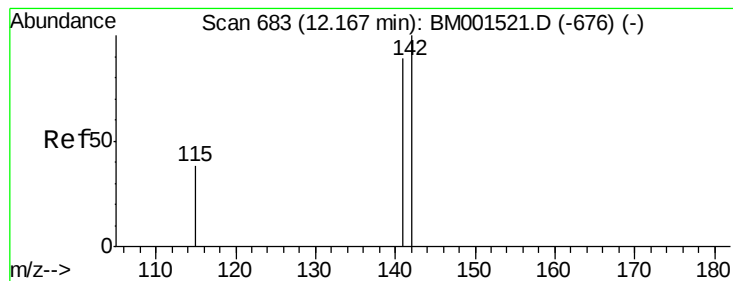
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.2

227 63.6 51.1 76.7





#11

2-Methylnaphthalene

Concen: 9.70 ng

RT: 12.16 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

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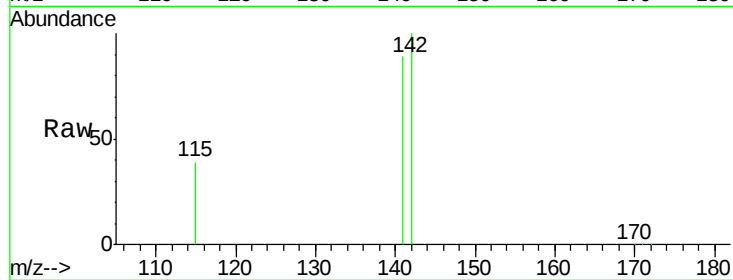
Tgt Ion:142 Resp: 64989

Ion Ratio Lower Upper

142 100

141 88.8 72.6 109.0

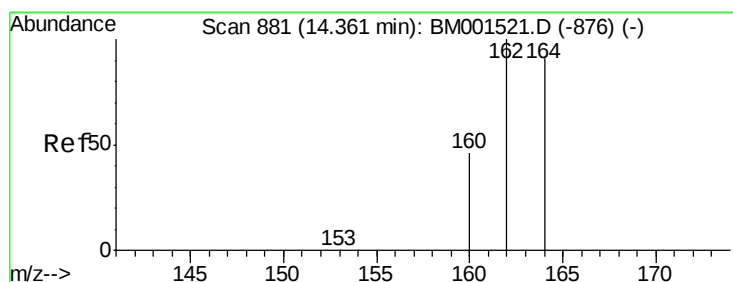
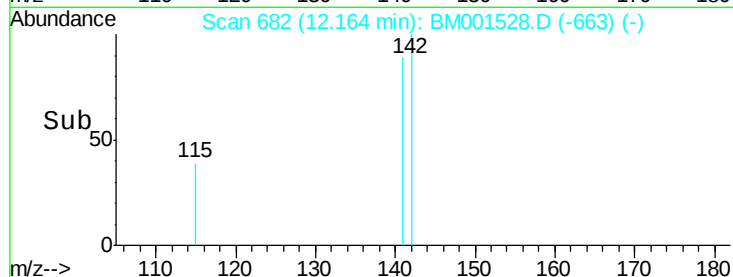
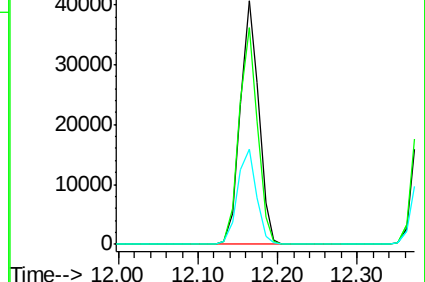
115 39.2 31.2 46.8



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: 14.36 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

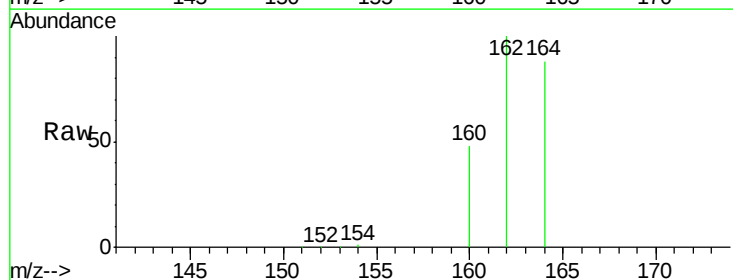
Tgt Ion:164 Resp: 23648

Ion Ratio Lower Upper

164 100

162 114.2 83.4 125.2

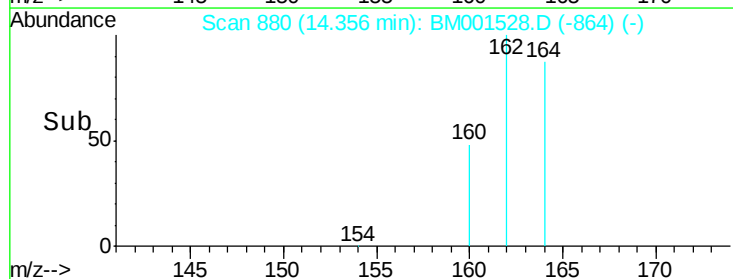
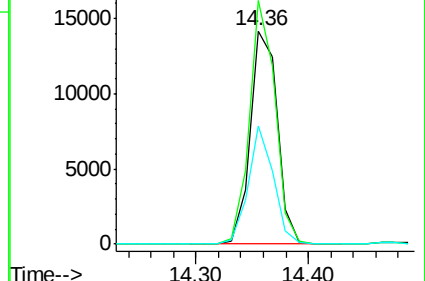
160 55.2 36.9 55.3

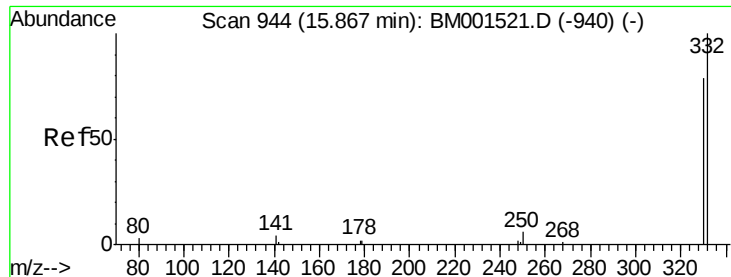


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

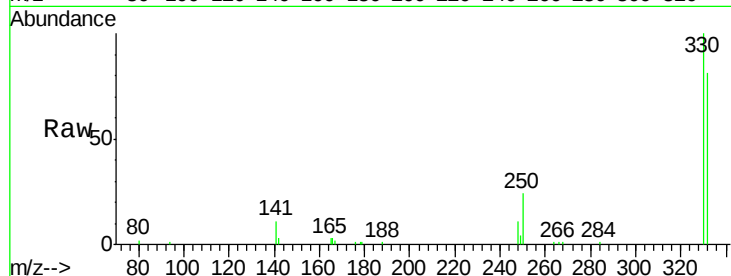




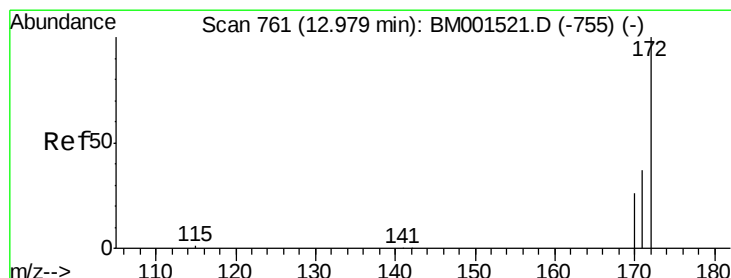
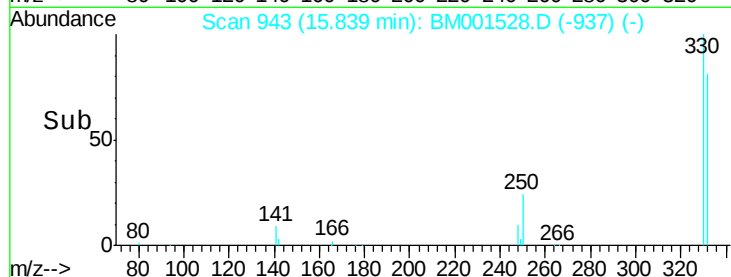
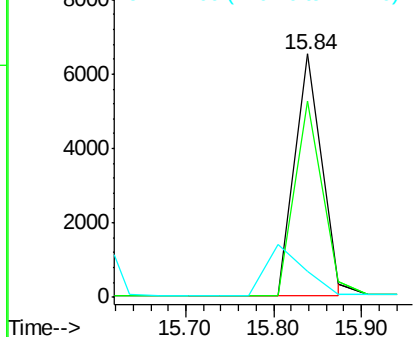
#13
 2,4,6-Tribromophenol
 Concen: 31.40 ng
 RT: 15.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001528.D
 Acq: 03 Jun 2015 00:13

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Tgt Ion:330 Resp: 13846
 Ion Ratio Lower Upper
 330 100
 332 82.7 90.3 135.5#
 141 0.0 0.0 0.0

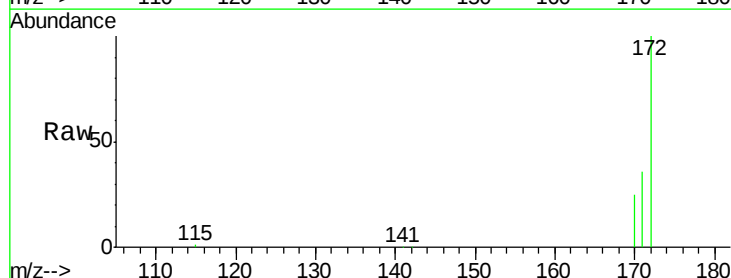


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

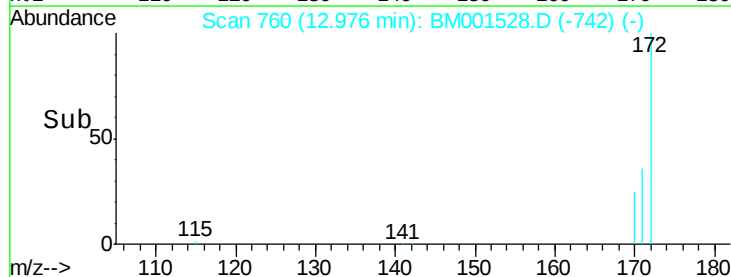
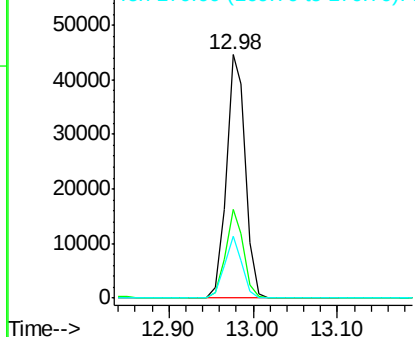


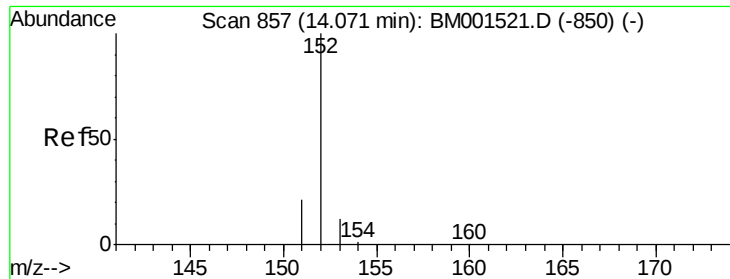
#14
 2-Fluorobiphenyl
 Concen: 9.93 ng
 RT: 12.98 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BM001528.D
 Acq: 03 Jun 2015 00:13

Tgt Ion:172 Resp: 70528
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 25.4 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 10.28 ng

RT: 14.08 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

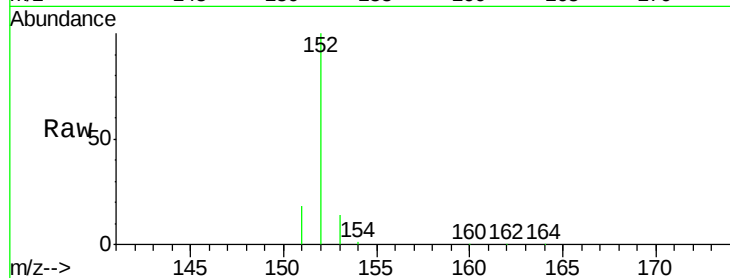
Tgt Ion:152 Resp: 103807

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7

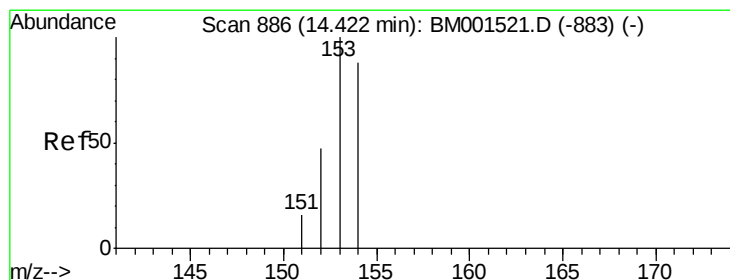
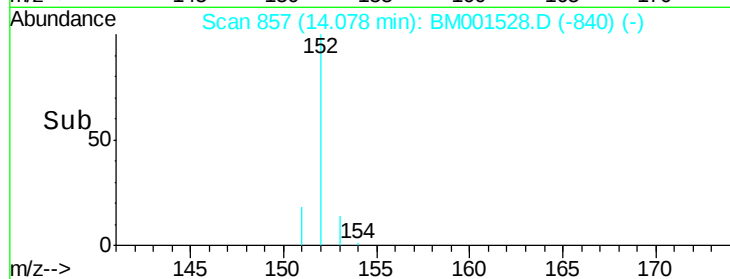
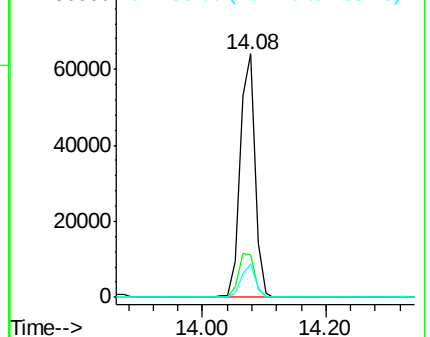
153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 9.34 ng

RT: 14.42 min Scan# 885

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

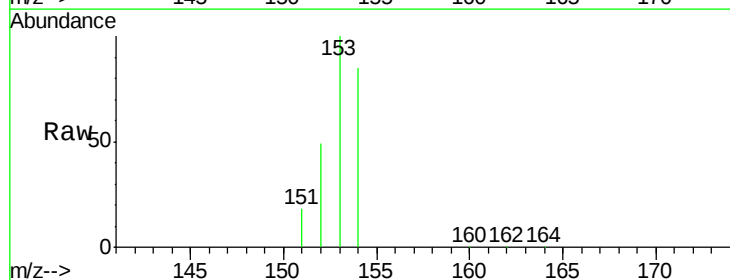
Tgt Ion:154 Resp: 59005

Ion Ratio Lower Upper

154 100

153 112.3 91.4 137.2

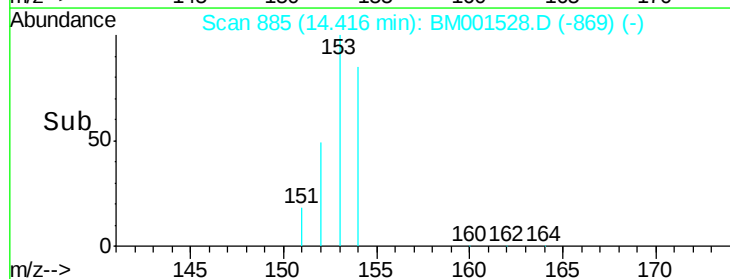
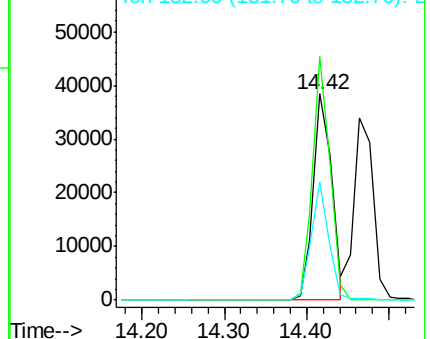
152 54.5 44.0 66.0

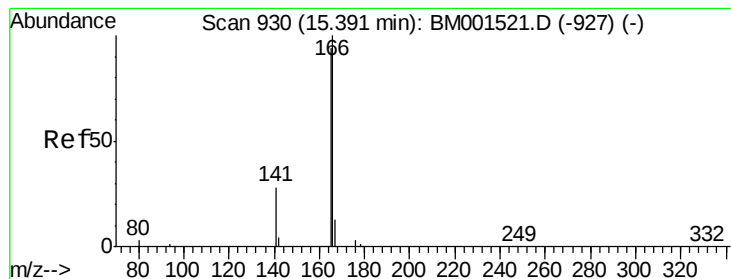


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 6.13 ng

RT: 15.40 min Scan# 930

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

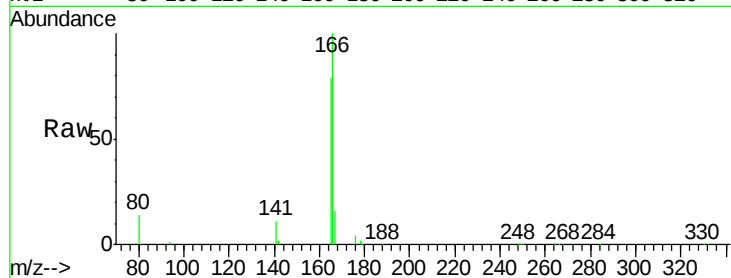
Tgt Ion:166 Resp: 64539

Ion Ratio Lower Upper

166 100

165 83.6 72.6 108.8

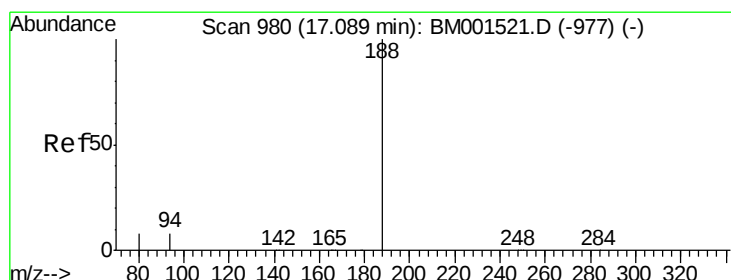
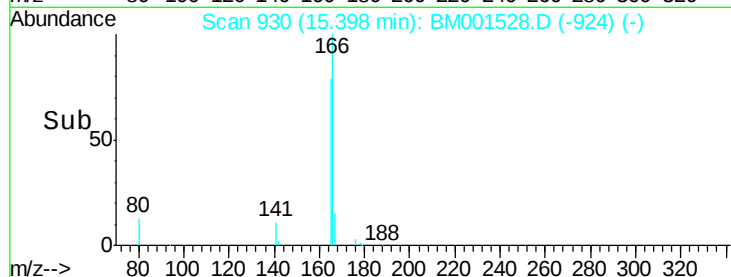
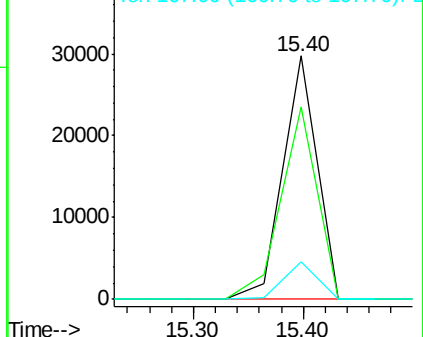
167 15.0 10.9 16.3



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: 17.10 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

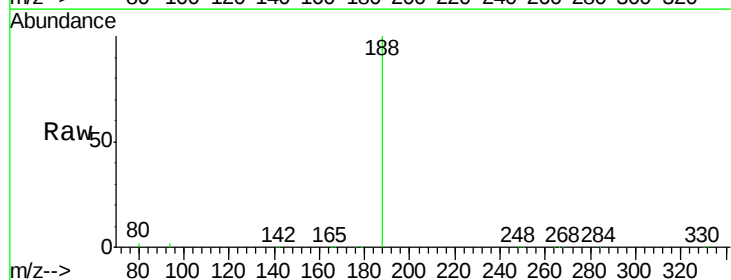
Tgt Ion:188 Resp: 65703

Ion Ratio Lower Upper

188 100

94 1.7 3.0 4.4#

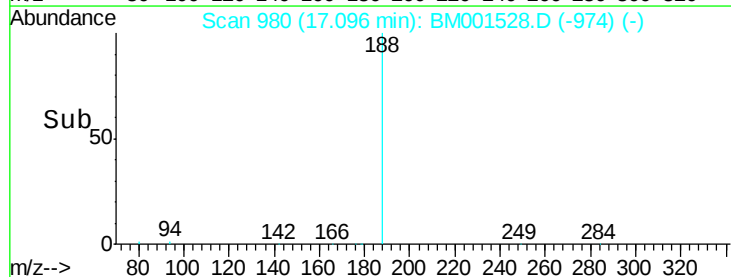
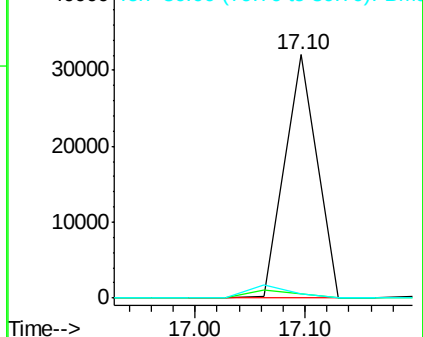
80 1.6 2.5 3.7#

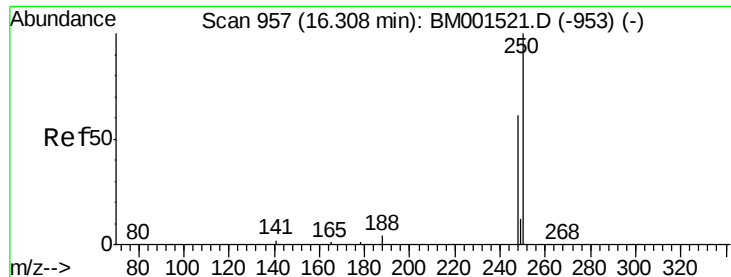


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

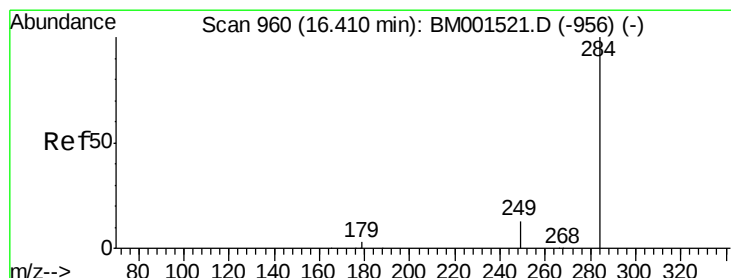
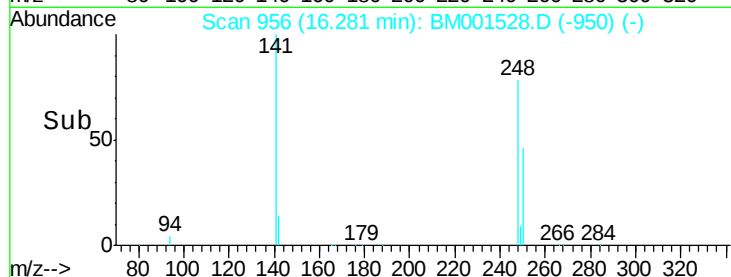
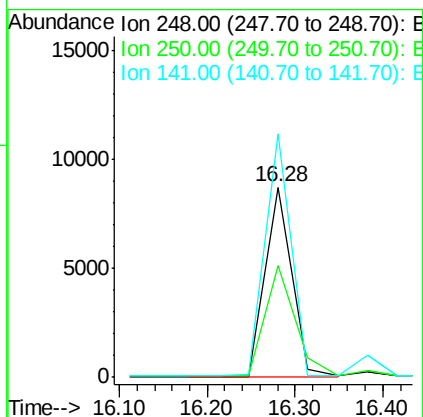
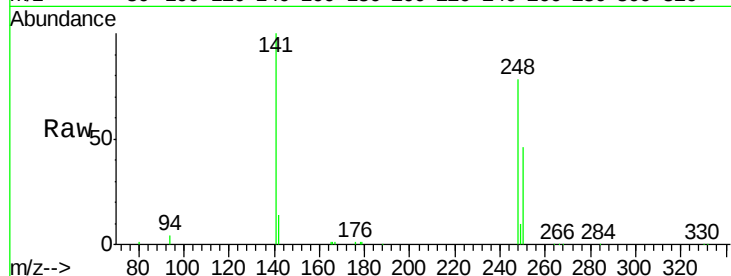




#19
4-Bromophenyl-phenylether
Concen: 20.03 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

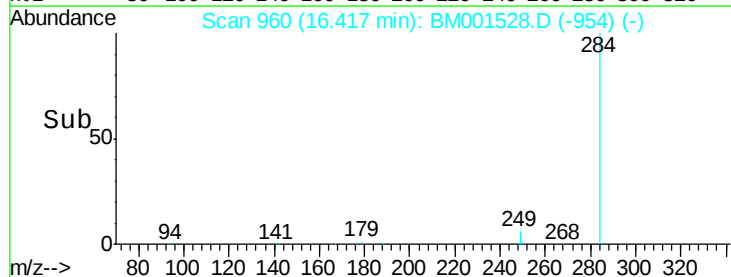
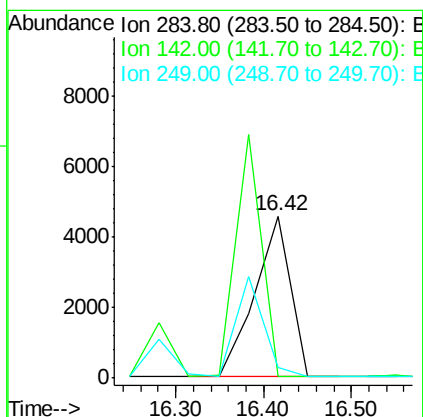
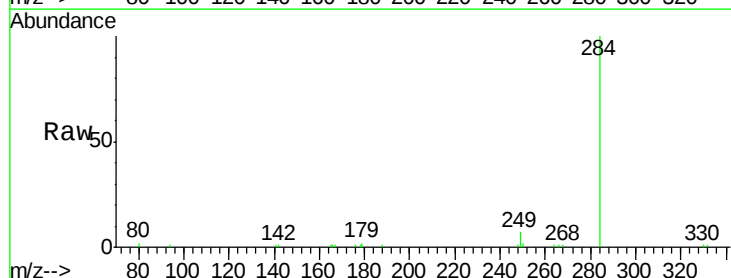
Instrument :
BNA_M
ClientSampled :
PB83718BS

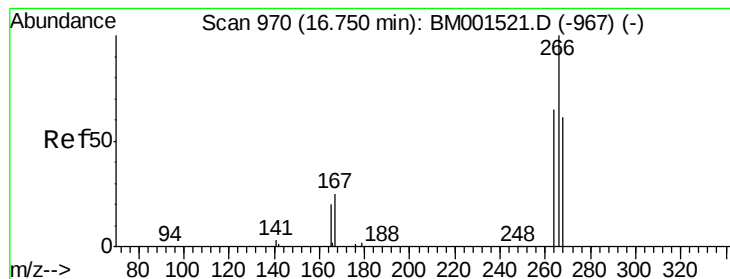
Tgt Ion:248 Resp: 18332
Ion Ratio Lower Upper
248 100
250 66.4 76.8 115.2#
141 124.5 57.7 86.5#



#20
Hexachlorobenzene
Concen: 5.24 ng
RT: 16.42 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:284 Resp: 12892
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 0.0 39.0 58.4#





#21

Pentachlorophenol

Concen: 81.38 ng

RT: 16.76 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

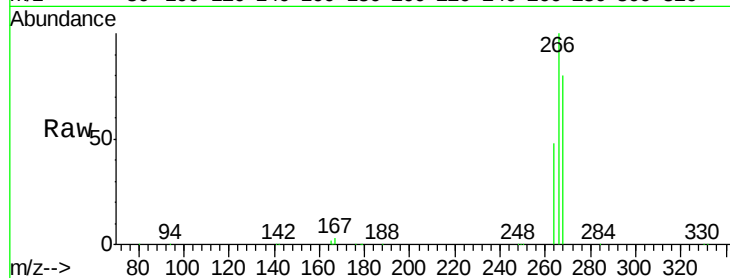
Tgt Ion:266 Resp: 117971

Ion Ratio Lower Upper

266 100

268 79.5 63.0 94.4

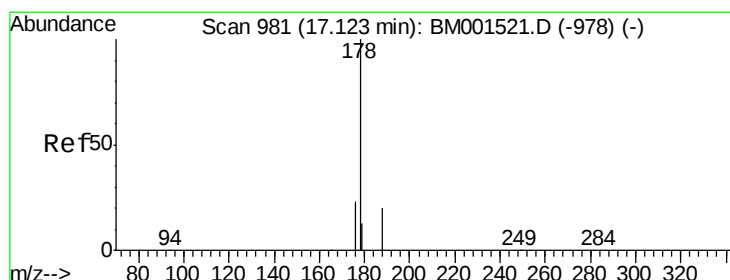
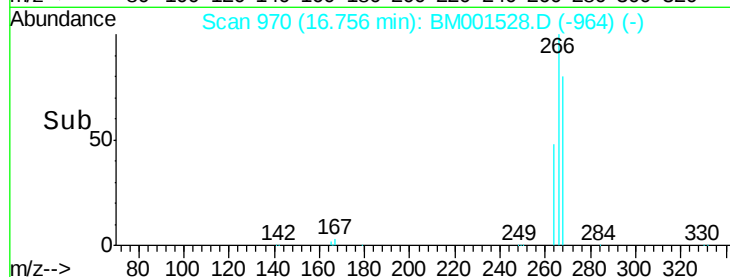
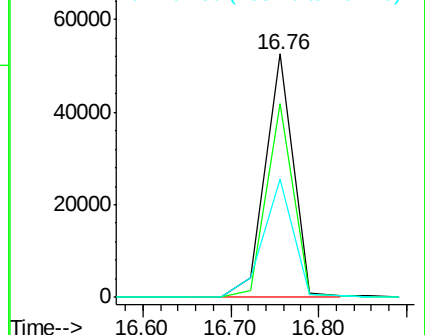
264 48.4 52.8 79.2#



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



#22

Phenanthrene

Concen: 14.27 ng

RT: 17.13 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

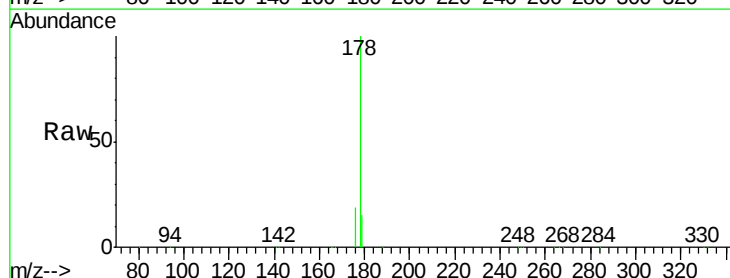
Tgt Ion:178 Resp: 163927

Ion Ratio Lower Upper

178 100

176 18.9 16.8 25.2

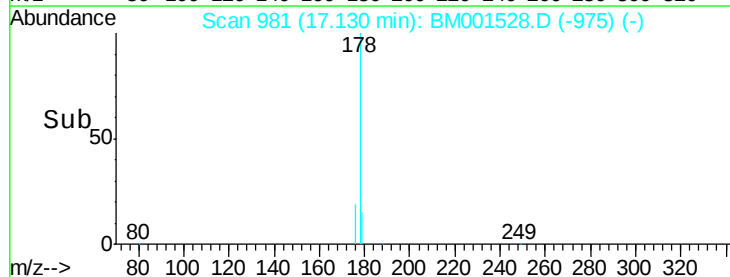
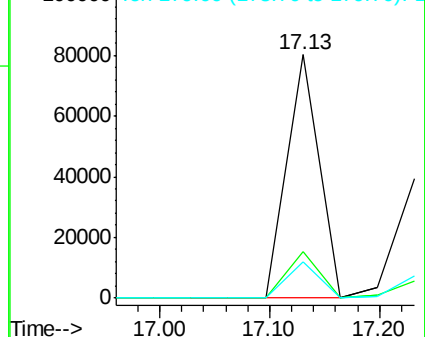
179 15.1 11.0 16.4

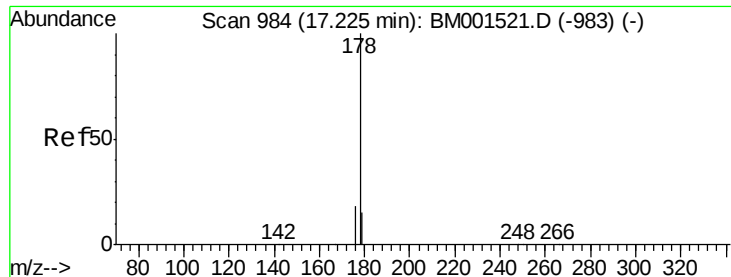


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 5.81 ng

RT: 17.23 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

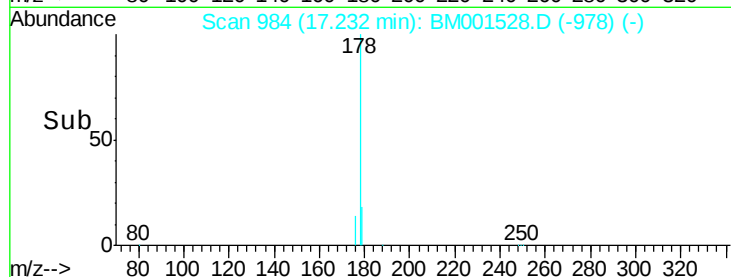
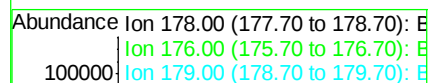
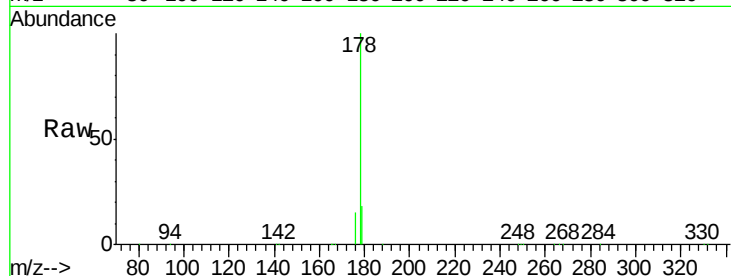
Tgt Ion:178 Resp: 80683

Ion Ratio Lower Upper

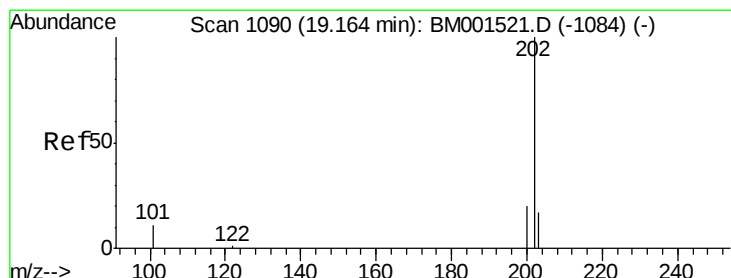
178 100

176 14.4 13.1 19.7

179 18.1 12.8 19.2



Time-->



#24

Fluoranthene

Concen: 10.64 ng

RT: 19.16 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

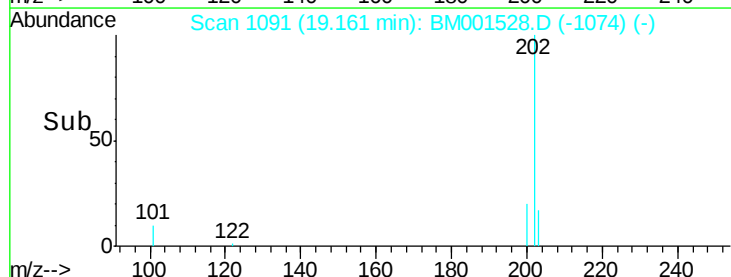
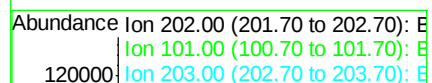
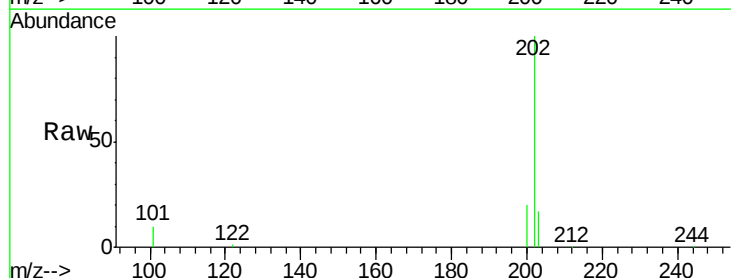
Tgt Ion:202 Resp: 122628

Ion Ratio Lower Upper

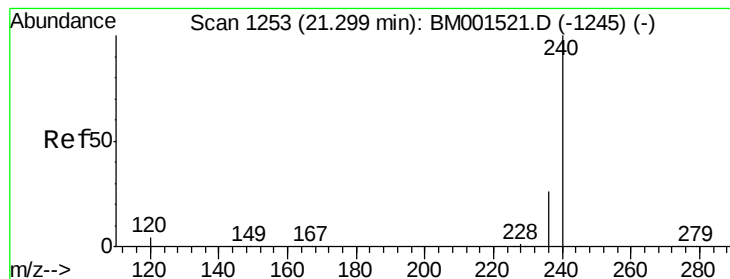
202 100

101 12.8 8.6 12.8

203 17.4 13.8 20.6



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.30 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

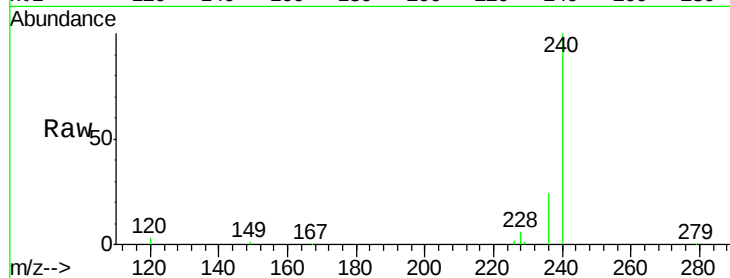
Tgt Ion:240 Resp: 41206

Ion Ratio Lower Upper

240 100

120 2.7 9.7 14.5#

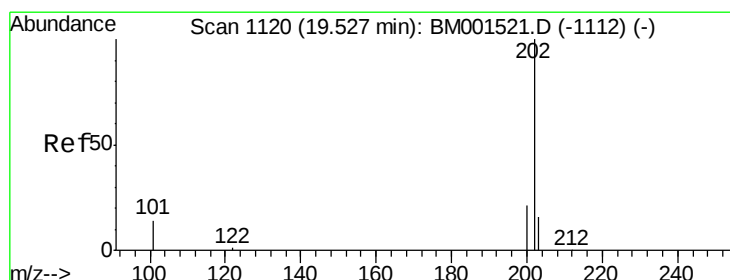
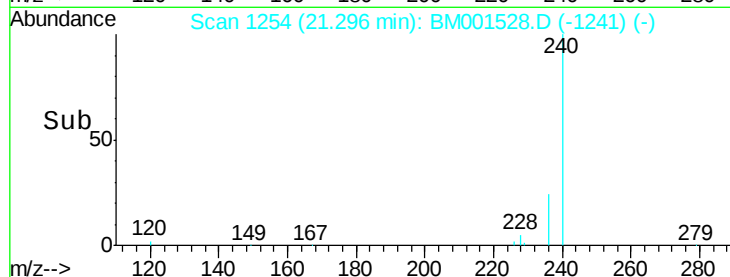
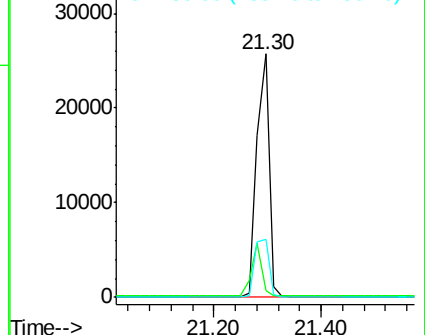
236 23.8 24.8 37.2#



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



#26

Pyrene

Concen: 10.68 ng

RT: 19.52 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

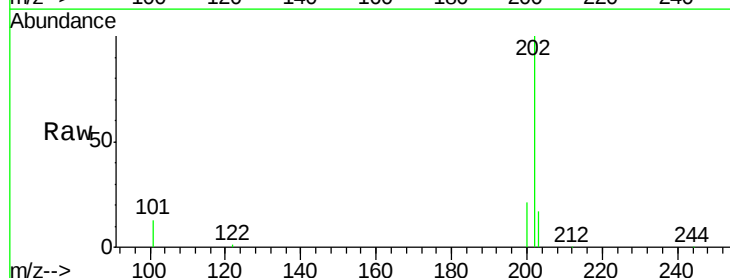
Tgt Ion:202 Resp: 132750

Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

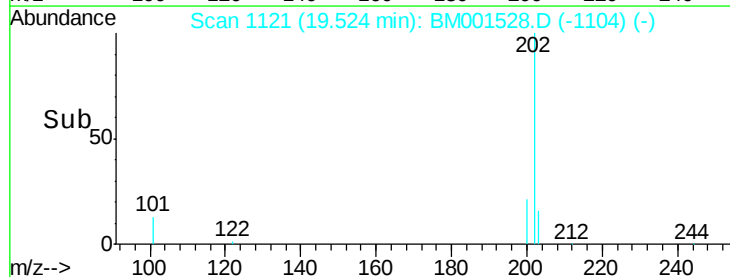
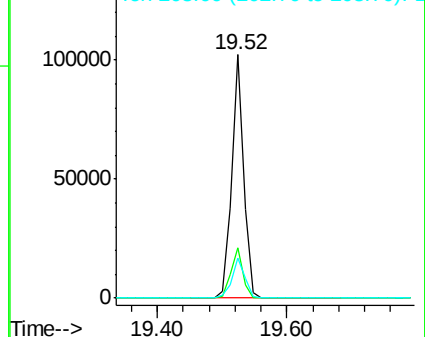
203 17.7 13.9 20.9

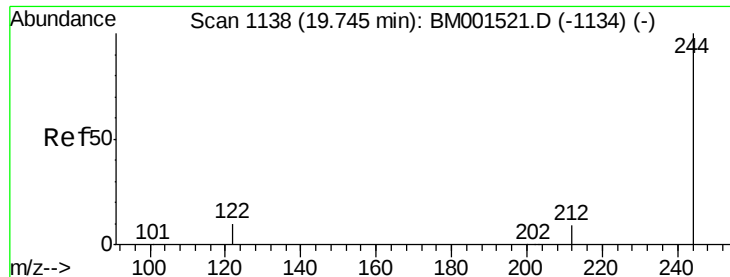


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

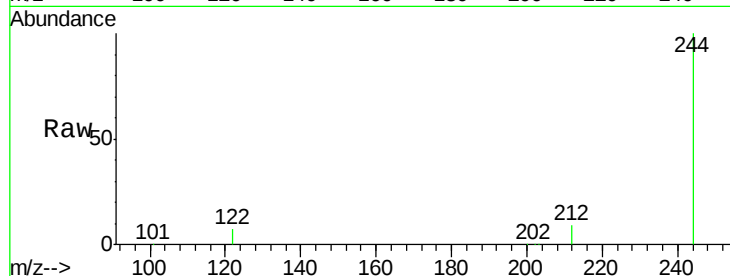




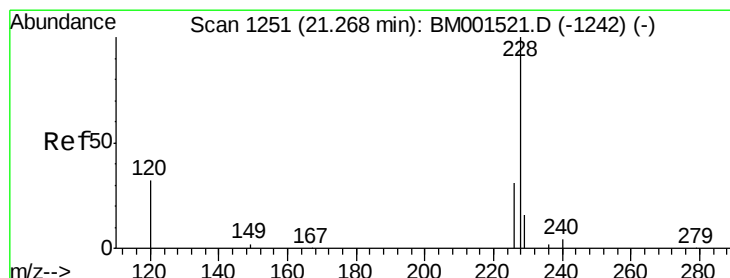
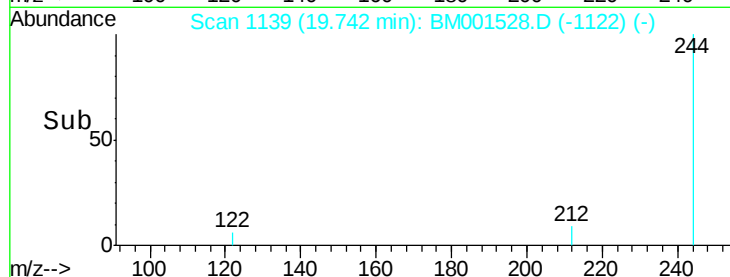
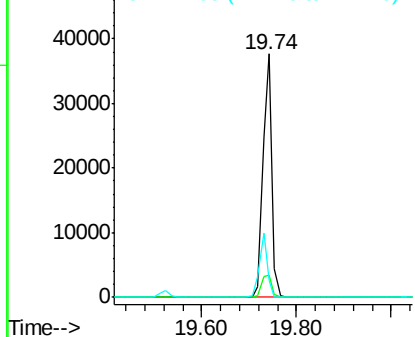
#27
 Terphenyl-d14
 Concen: 9.83 ng
 RT: 19.74 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BM001528.D
 Acq: 03 Jun 2015 00:13

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Tgt Ion: 244 Resp: 49938
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.2 10.8
 122 6.9 5.1 7.7

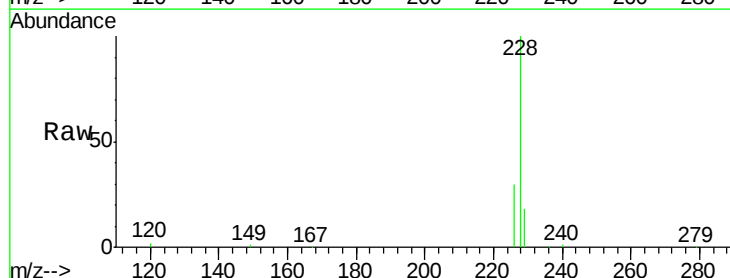


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

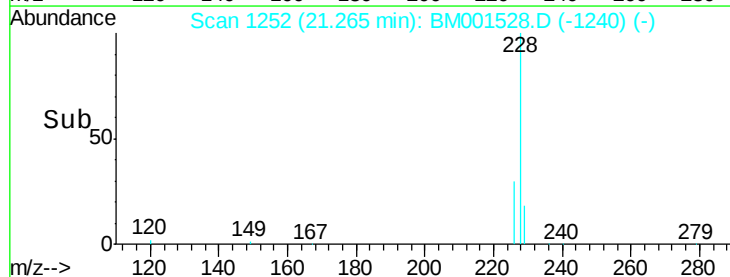
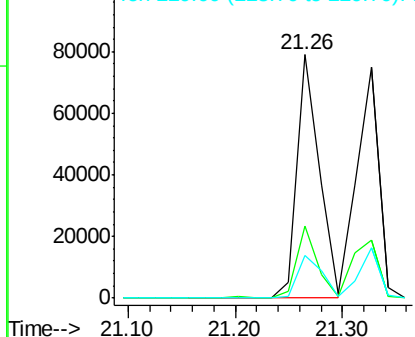


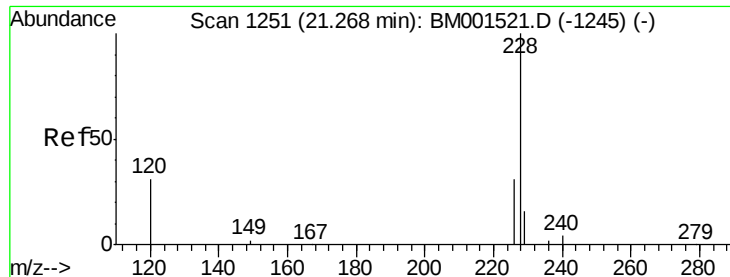
#28
 Benzo(a)anthracene
 Concen: 10.22 ng
 RT: 21.26 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BM001528.D
 Acq: 03 Jun 2015 00:13

Tgt Ion: 228 Resp: 113401
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.9 32.9
 229 17.6 15.1 22.7



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

Chrysene

Concen: 10.79 ng

RT: 21.26 min Scan# 1252

Delta R.T. -0.06 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

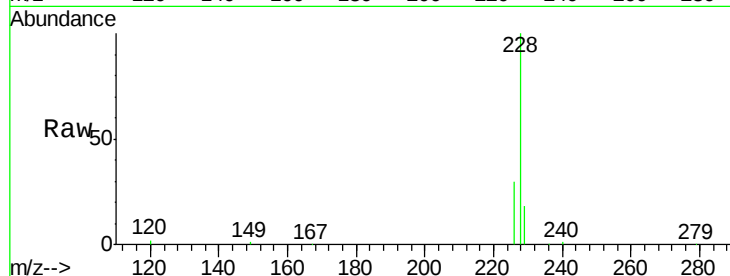
Tgt Ion:228 Resp: 113403

Ion Ratio Lower Upper

228 100

226 29.7 27.6 41.4

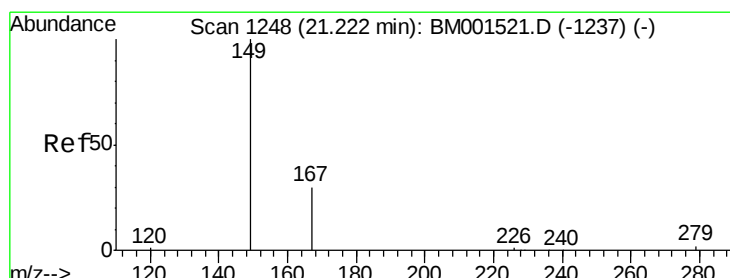
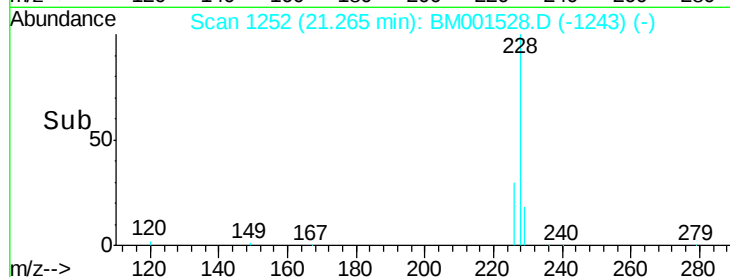
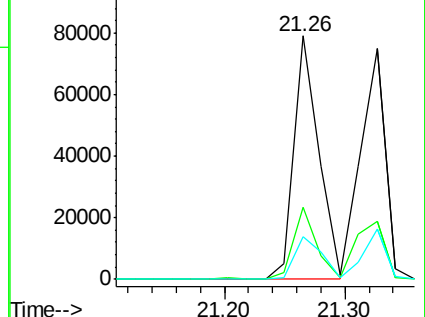
229 17.6 13.6 20.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 11.31 ng

RT: 21.20 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

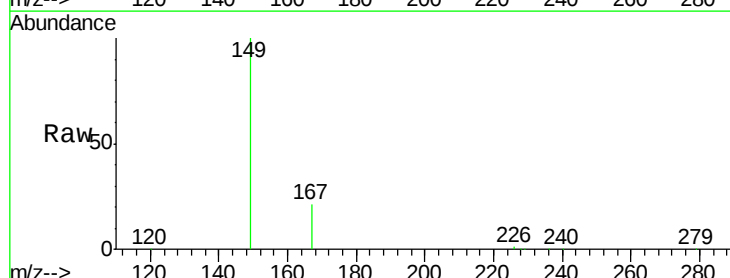
Tgt Ion:149 Resp: 88576

Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.6

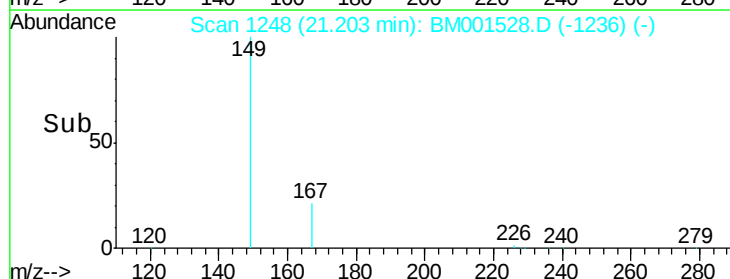
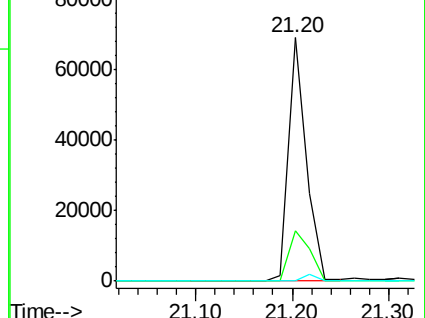
279 2.2 2.2 3.2#

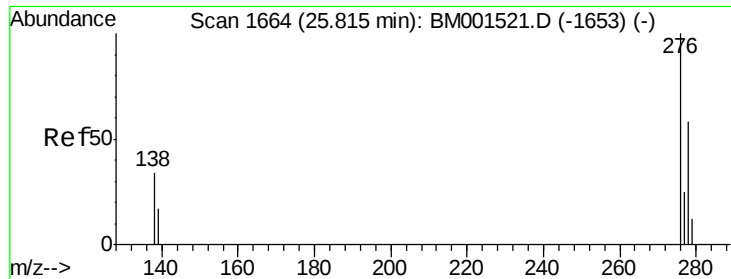


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 9.72 ng

RT: 25.80 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

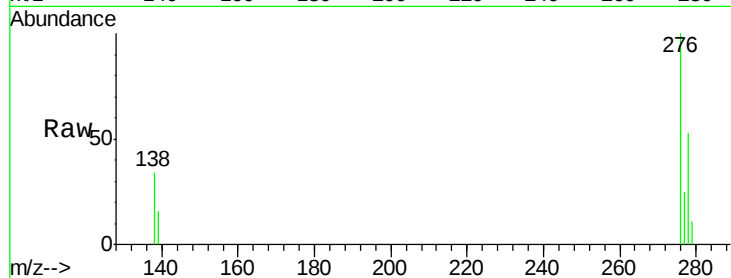
Tgt Ion:276 Resp: 113568

Ion Ratio Lower Upper

276 100

138 35.3 23.4 35.0#

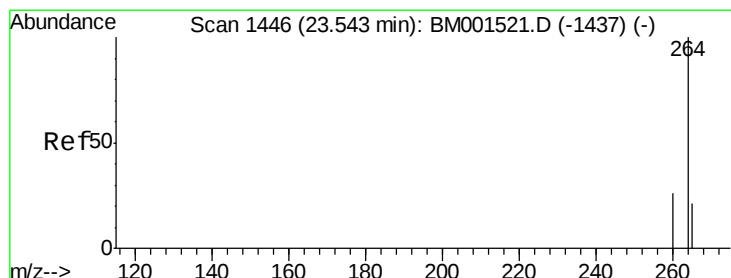
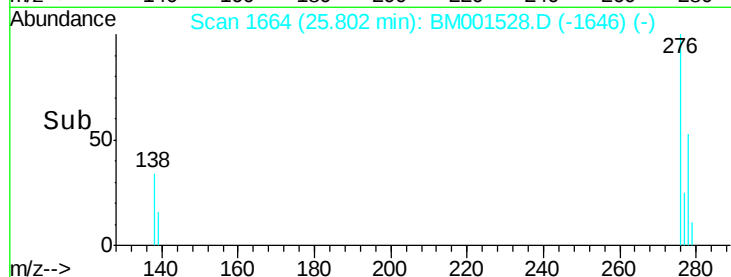
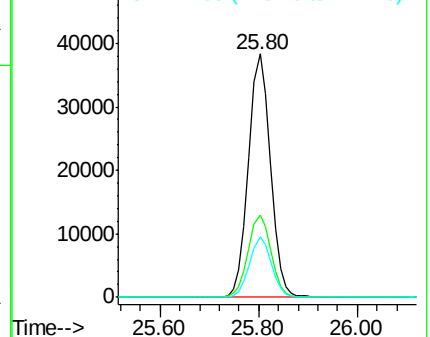
277 24.7 19.5 29.3



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

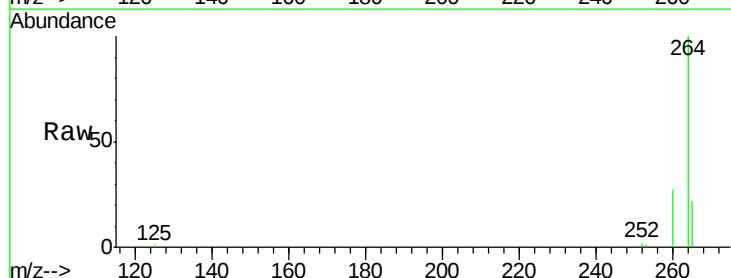
Tgt Ion:264 Resp: 36266

Ion Ratio Lower Upper

264 100

260 27.3 20.1 30.1

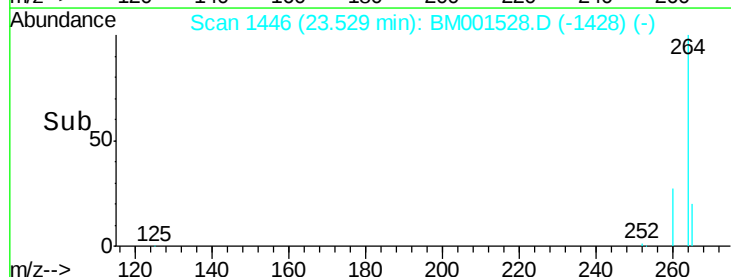
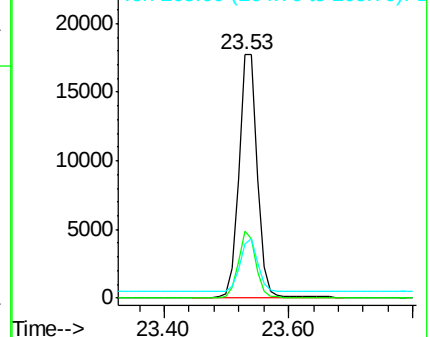
265 22.4 17.1 25.7

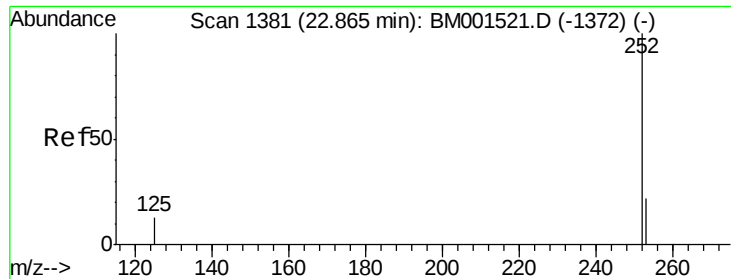


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 10.19 ng

RT: 22.85 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

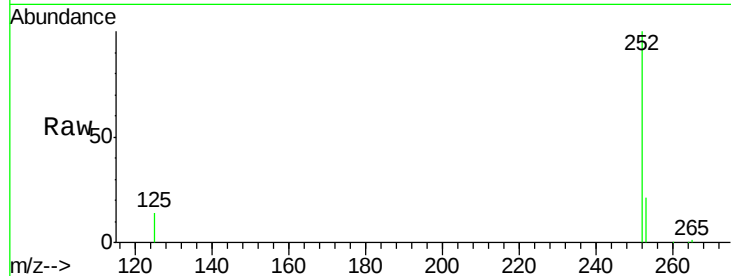
Tgt Ion:252 Resp: 105471

Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.0

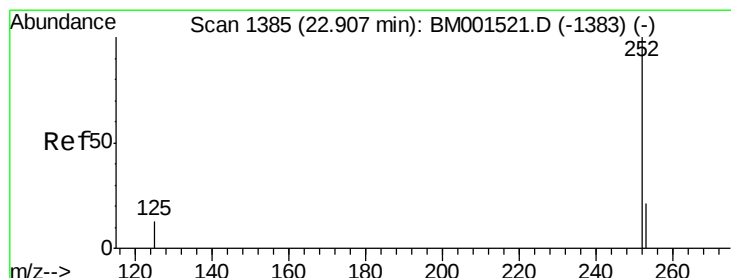
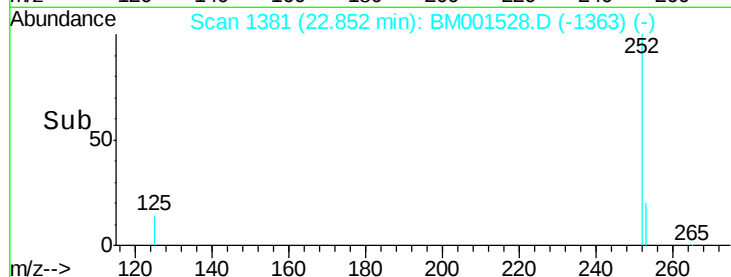
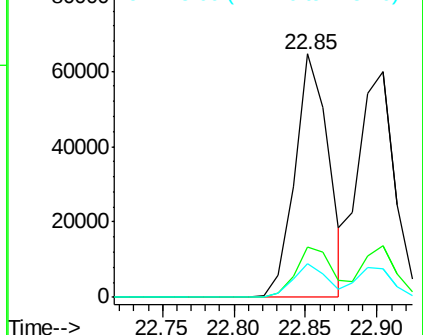
125 14.1 10.2 15.4



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



#34

Benzo(k)fluoranthene

Concen: 11.49 ng

RT: 22.90 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

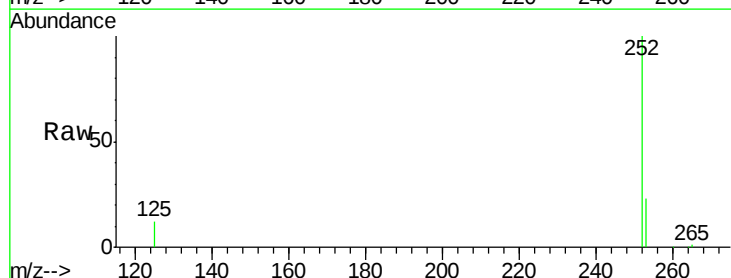
Tgt Ion:252 Resp: 104000

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

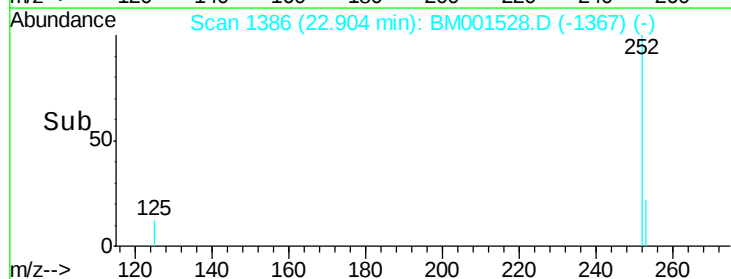
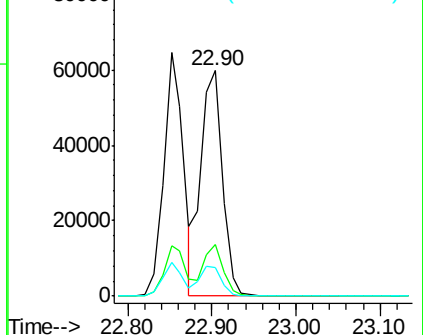
125 12.5 9.7 14.5

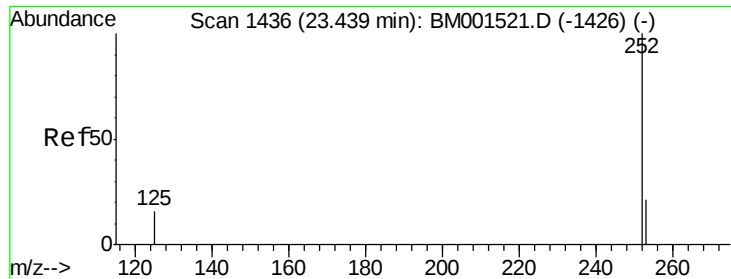


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 11.32 ng

RT: 23.44 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS

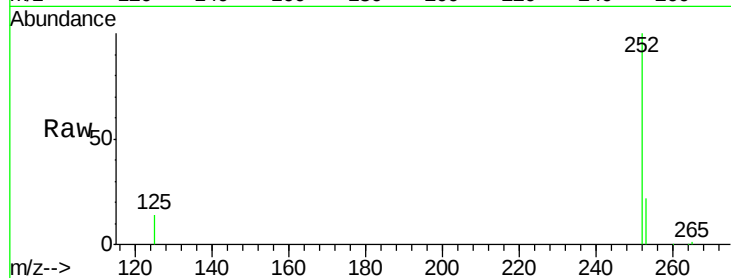
Tgt Ion: 252 Resp: 99887

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

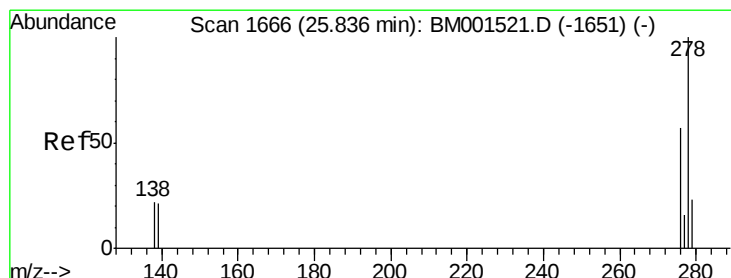
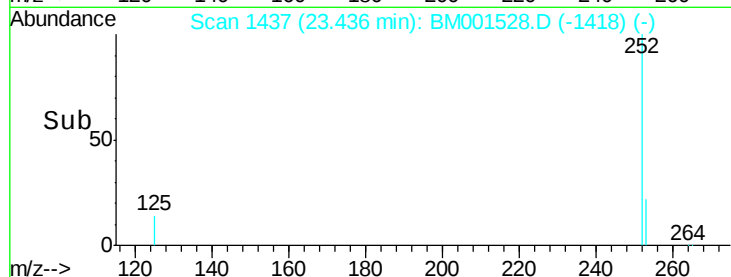
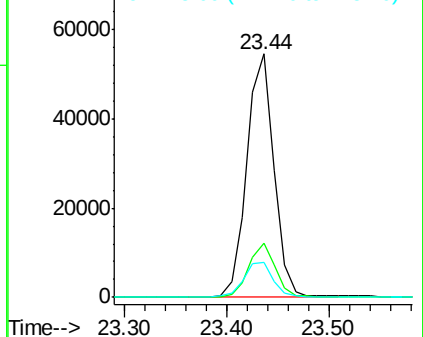
125 14.3 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 10.47 ng

RT: 25.82 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BM001528.D

Acq: 03 Jun 2015 00:13

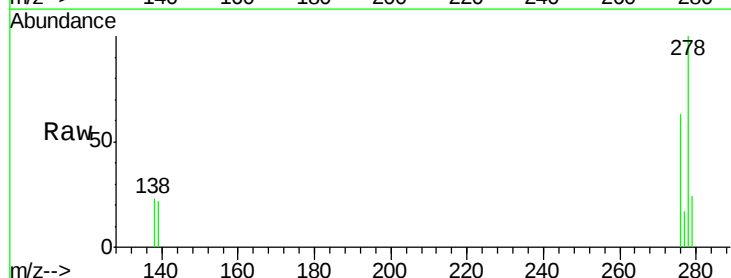
Tgt Ion: 278 Resp: 92012

Ion Ratio Lower Upper

278 100

139 21.7 15.7 23.5

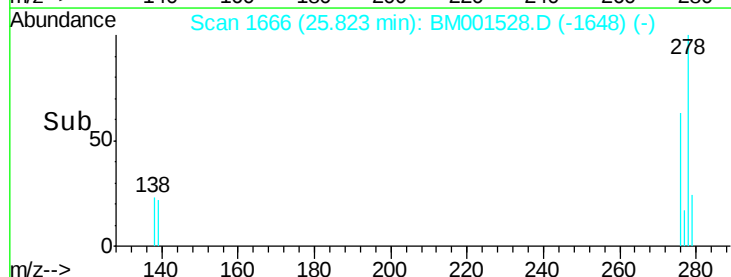
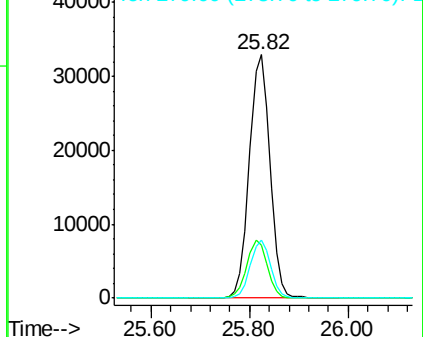
279 23.7 19.4 29.2

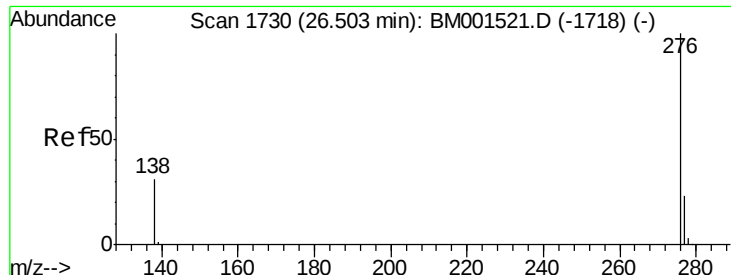


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 10.30 ng

RT: 26.49 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM001528.D

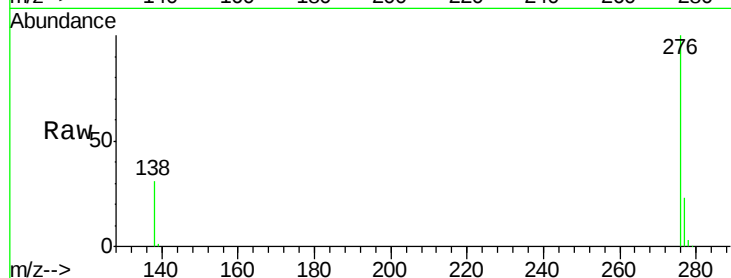
Acq: 03 Jun 2015 00:13

Instrument :

BNA_M

ClientSampleId :

PB83718BS



Tgt Ion: 276 Resp: 94640

Ion Ratio Lower Upper

276 100

277 23.0 19.8 29.6

138 30.6 20.2 30.2

