

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
 Data File : BM001269.D
 Acq On : 13 May 2015 02:05
 Operator : TP/IZ
 Sample : PB83325BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83325BS

Quant Time: May 13 05:49:47 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	13231	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	47456	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	24929	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	62377	5.00	ng	0.00
24) Chrysene-d12	21.08	240	45594	5.00	ng	0.00
30) Perylene-d12	23.18	264	41745	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	33306	12.92	ng	0.00
5) Phenol-d6	6.63	99	41049	14.12	ng	0.00
7) Nitrobenzene-d5	8.60	82	25405	8.41	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	10053	11.73	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	69109	8.93	ng	0.00
26) Terphenyl-d14	19.51	244	52267	8.53	ng	-0.01

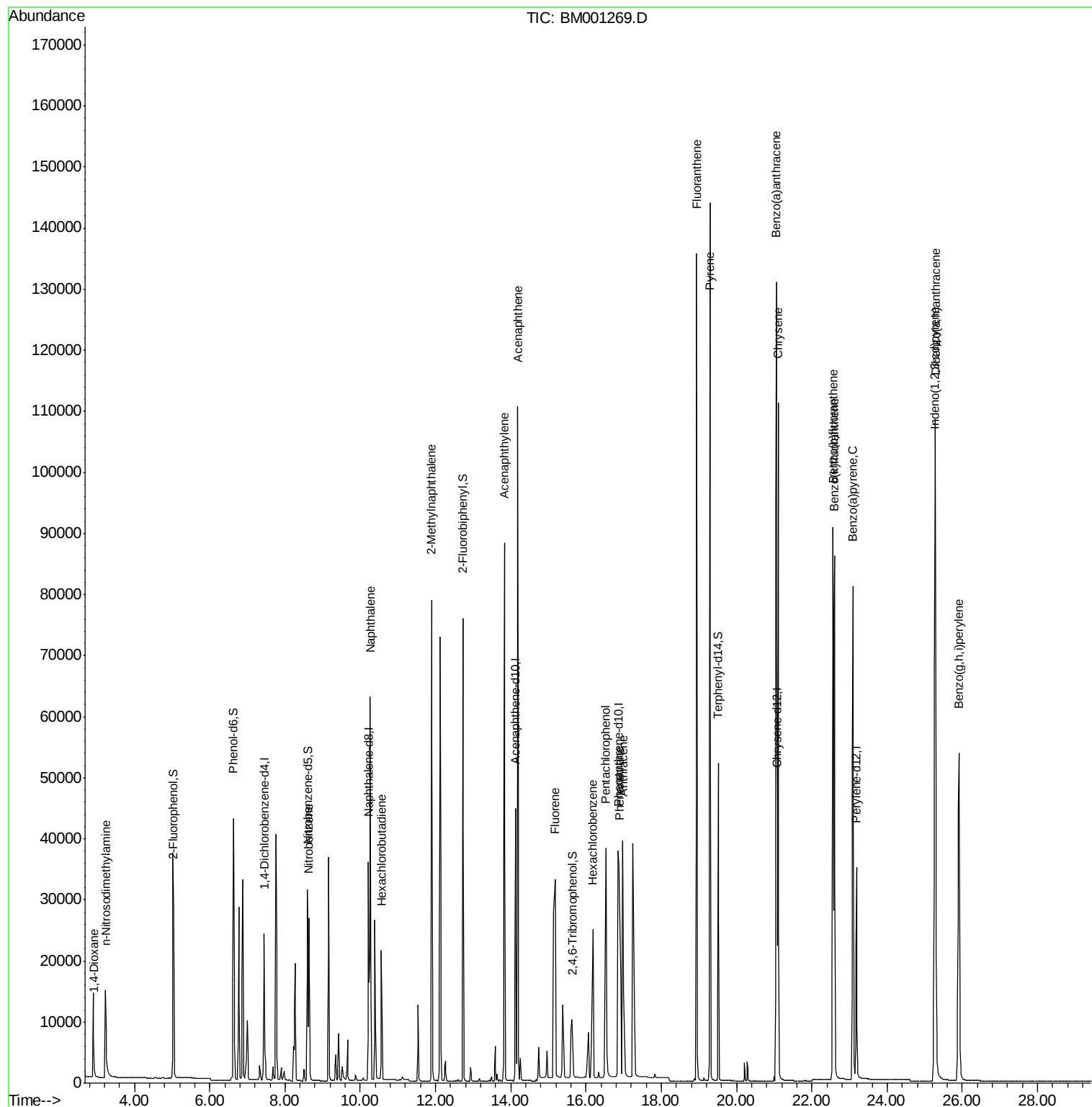
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	9365	9.01	ng	# 54
3) n-Nitrosodimethylamine	3.23	42	12656	8.45	ng	# 97
8) Nitrobenzene	8.64	77	27532	8.48	ng	97
9) Naphthalene	10.27	128	82649	8.18	ng	98
10) Hexachlorobutadiene	10.56	225	16140	8.18	ng	99
11) 2-Methylnaphthalene	11.90	142	55146	8.40	ng	96
15) Acenaphthylene	13.83	152	95379	9.29	ng	100
16) Acenaphthene	14.18	154	54055	8.23	ng	98
17) Fluorene	15.17	166	42458	7.13	ng	# 18
19) Hexachlorobenzene	16.18	284	32352	8.06	ng	# 96
20) Pentachlorophenol	16.52	266	23468	19.45	ng	89
21) Phenanthrene	16.88	178	68415	7.22	ng	# 98
22) Anthracene	16.98	178	73266	7.93	ng	# 96
23) Fluoranthene	18.93	202	117249	7.88	ng	100
25) Pyrene	19.30	202	125455	8.90	ng	99
27) Benzo(a)anthracene	21.06	228	110710	8.95	ng	97
28) Chrysene	21.11	228	107266	8.55	ng	97
29) Indeno(1,2,3-cd)pyrene	25.27	276	114619	8.99	ng	99
31) Benzo(b)fluoranthene	22.56	252	114563	9.36	ng	98
32) Benzo(k)fluoranthene	22.60	252	96244	8.27	ng	98
33) Benzo(a)pyrene	23.09	252	100060	9.45	ng	97
34) Dibenzo(a,h)anthracene	25.28	278	91914	9.23	ng	95
35) Benzo(g,h,i)perylene	25.90	276	97755	8.94	ng	98

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

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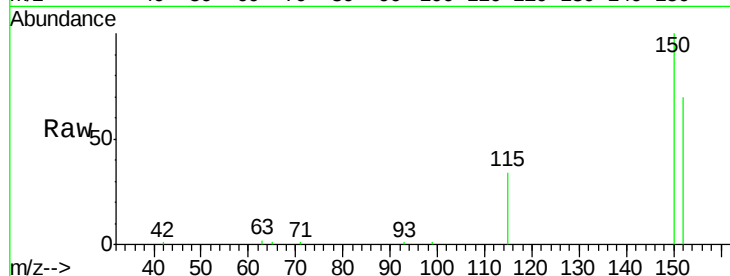




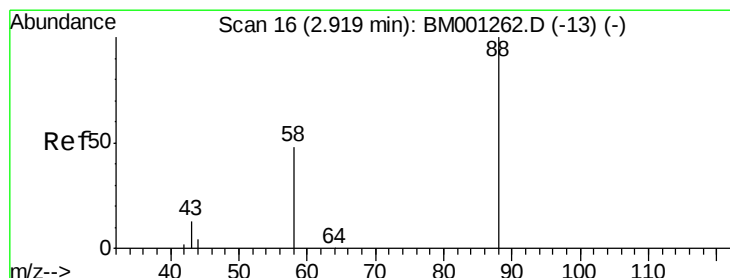
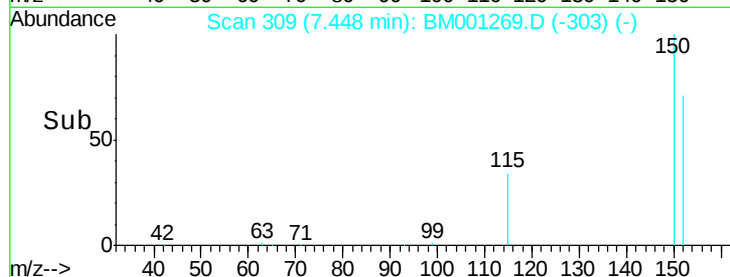
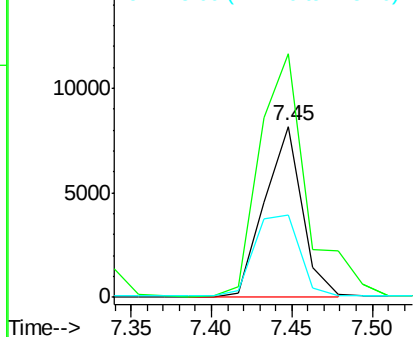
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.45 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

Instrument :
 BNA_M
 ClientSampleID :
 PB83325BS

Tgt Ion:152 Resp: 13231
 Ion Ratio Lower Upper
 152 100
 150 142.4 114.6 172.0
 115 48.1 39.3 58.9

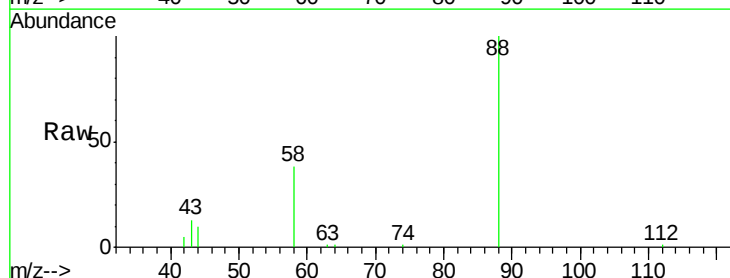


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

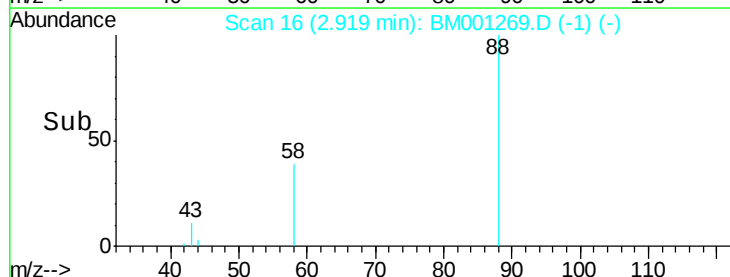
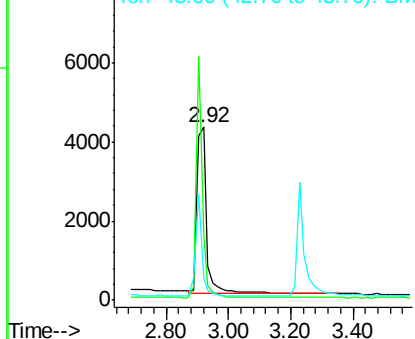


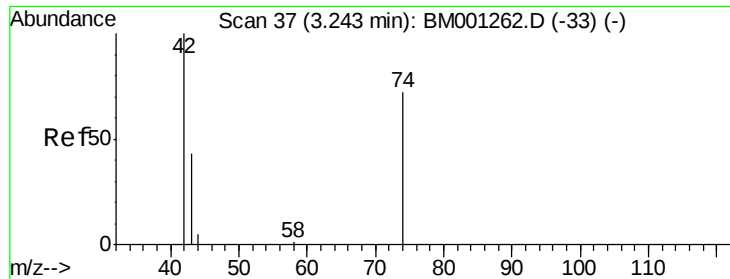
#2
 1,4-Dioxane
 Concen: 9.01 ng
 RT: 2.92 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

Tgt Ion: 88 Resp: 9365
 Ion Ratio Lower Upper
 88 100
 58 86.6 39.0 58.6#
 43 38.4 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: 8.45 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

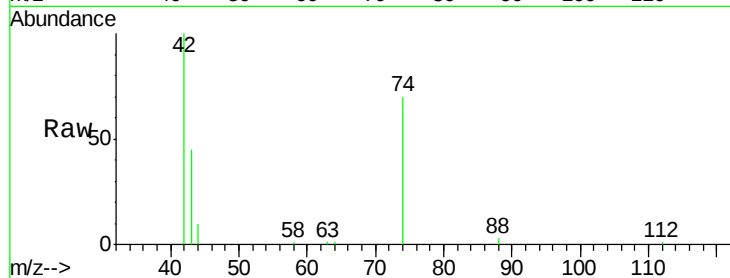
Tgt Ion: 42 Resp: 12656

Ion Ratio Lower Upper

42 100

74 99.8 82.1 123.1

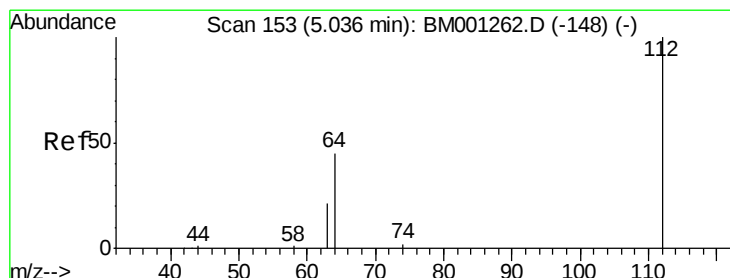
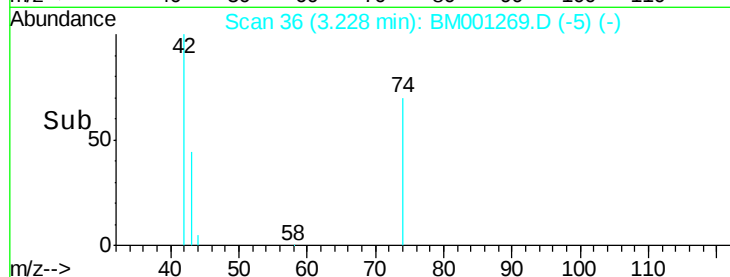
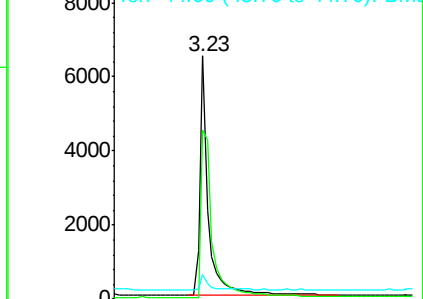
44 5.9 3.0 4.4#



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) (-)



#4

2-Fluorophenol

Concen: 12.92 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

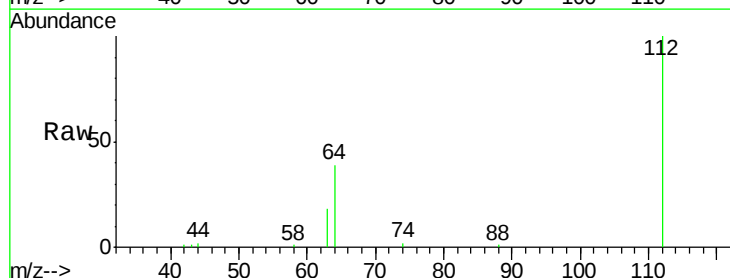
Tgt Ion: 112 Resp: 33306

Ion Ratio Lower Upper

112 100

64 64.5 50.8 76.2

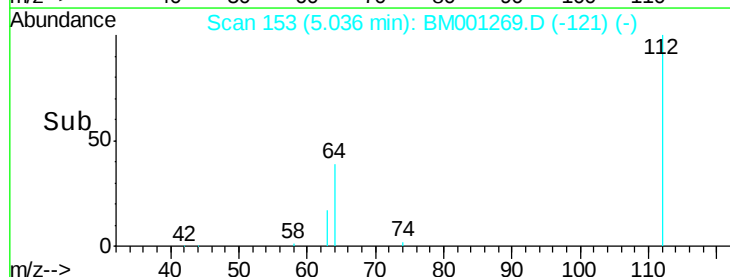
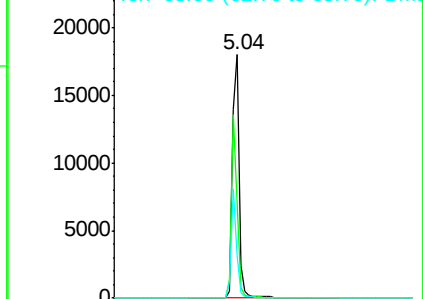
63 36.0 28.2 42.4

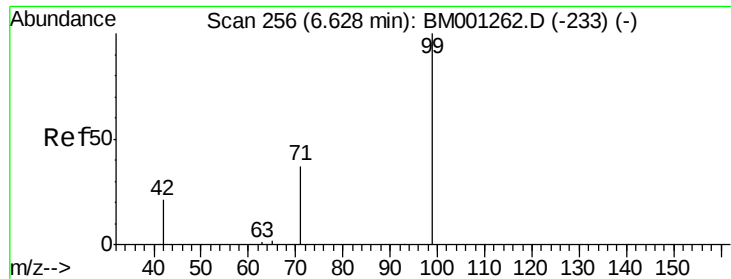


Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

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

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





#5

Phenol-d6

Concen: 14.12 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

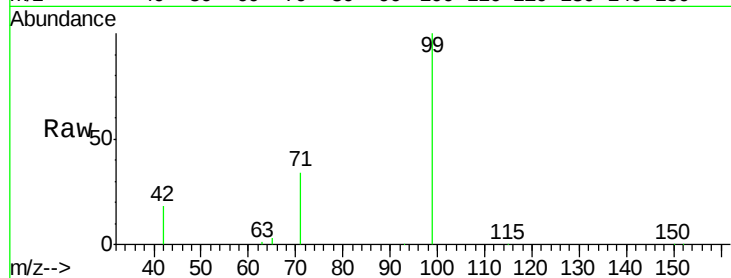
Tgt Ion: 99 Resp: 41049

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

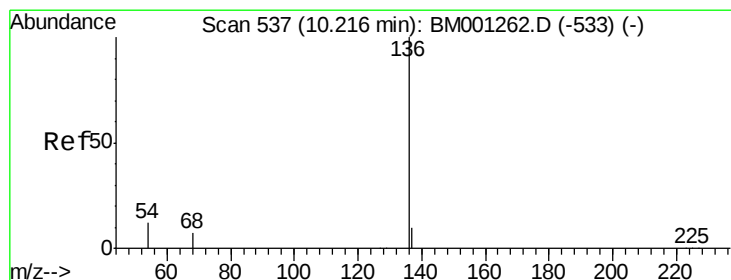
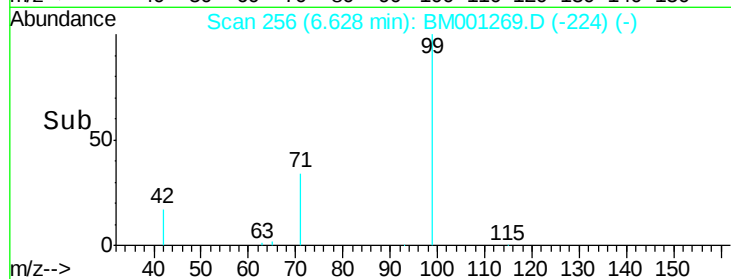
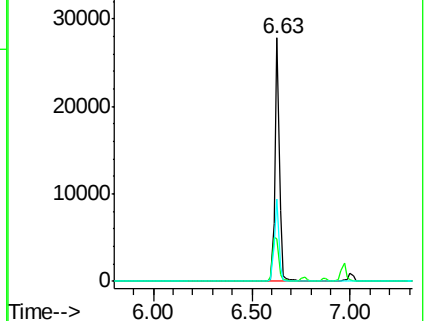
71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001269.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001269.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001269.D (-233) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Tgt Ion: 136 Resp: 47456

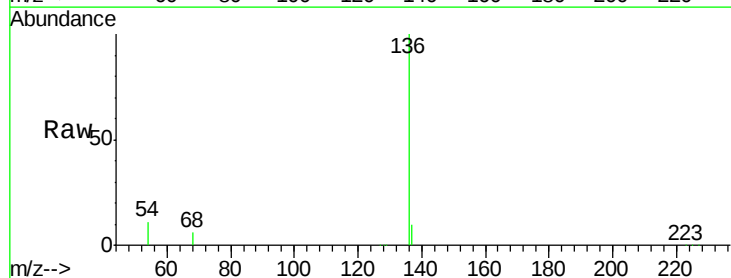
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 10.9 9.5 14.3

68 6.4 5.5 8.3

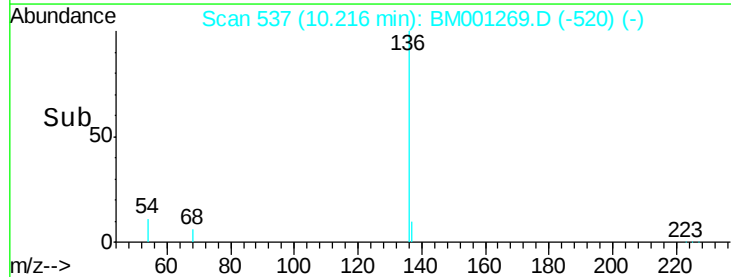
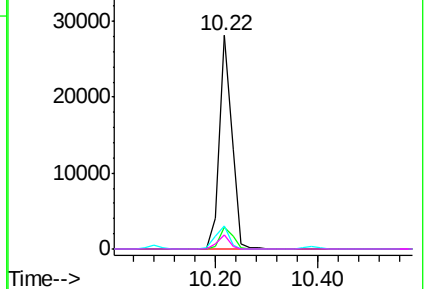


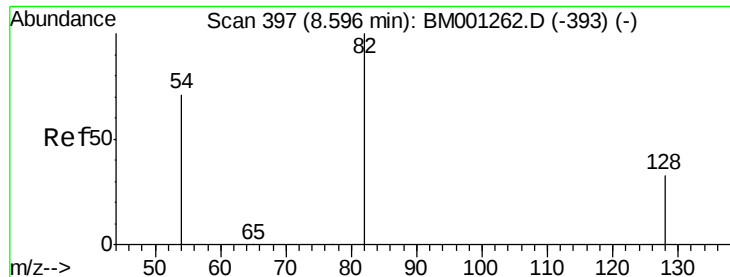
Abundance Ion 136.00 (135.70 to 136.70): BM001269.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001269.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001269.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001269.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 8.41 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

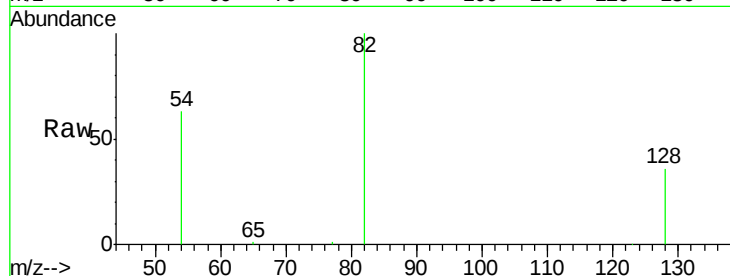
Tgt Ion: 82 Resp: 25405

Ion Ratio Lower Upper

82 100

128 36.1 28.0 42.0

54 63.4 57.3 85.9

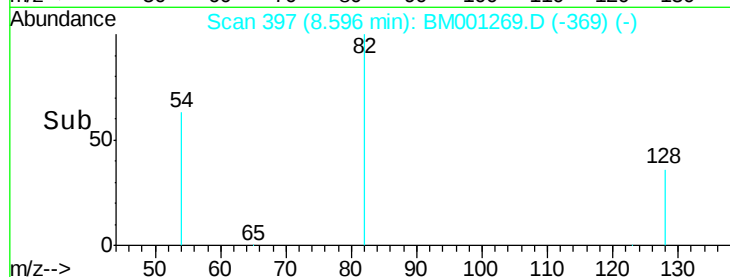


Abundance Ion 82.00 (81.70 to 82.70): BM001262.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM001262.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-393) (-)

Time-->

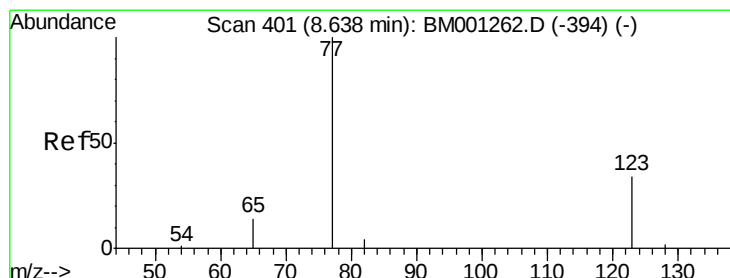


Abundance Ion 82.00 (81.70 to 82.70): BM001269.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001269.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001269.D (-369) (-)

Time-->



#8

Nitrobenzene

Concen: 8.48 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

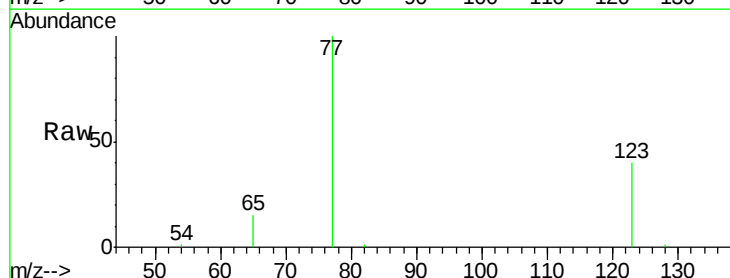
Tgt Ion: 77 Resp: 27532

Ion Ratio Lower Upper

77 100

123 43.7 33.4 50.2

65 14.3 10.6 15.8

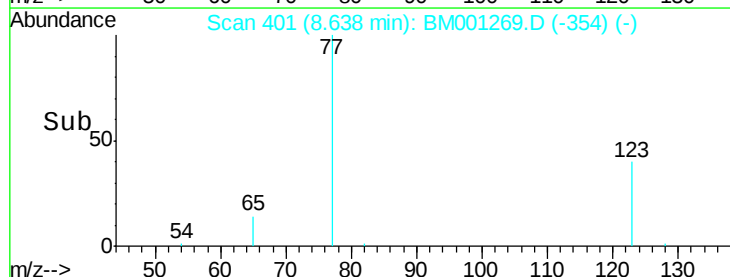


Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM001262.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM001262.D (-394) (-)

Time-->

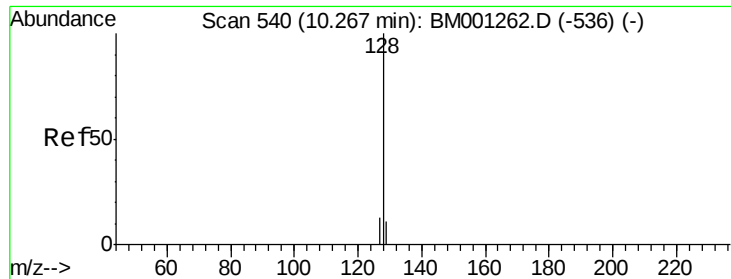


Abundance Ion 77.00 (76.70 to 77.70): BM001269.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001269.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001269.D (-354) (-)

Time-->



#9

Naphthalene

Concen: 8.18 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

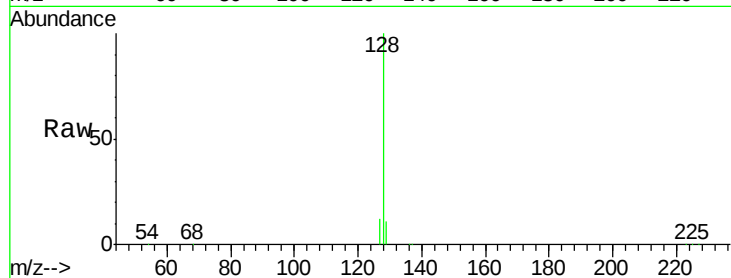
Tgt Ion:128 Resp: 82649

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

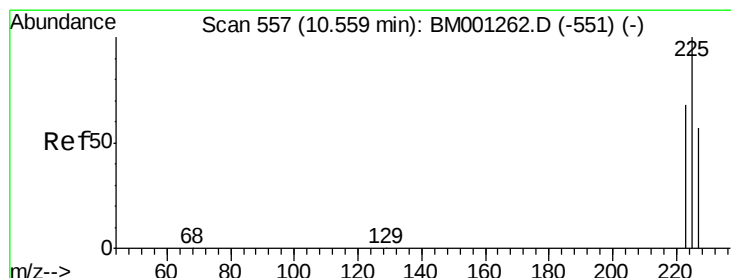
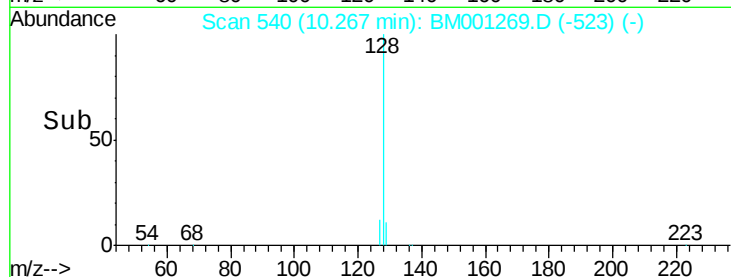
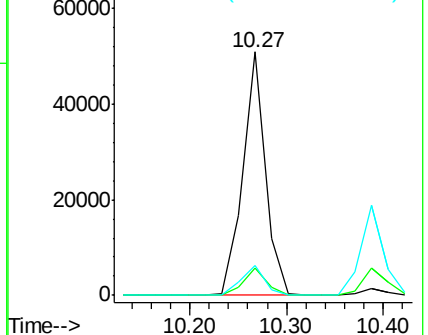
127 12.3 10.6 16.0



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: 8.18 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

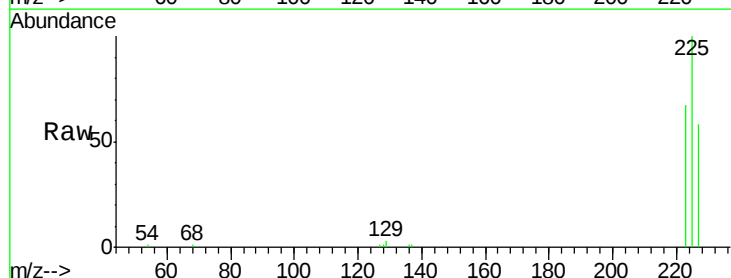
Tgt Ion:225 Resp: 16140

Ion Ratio Lower Upper

225 100

223 62.5 49.6 74.4

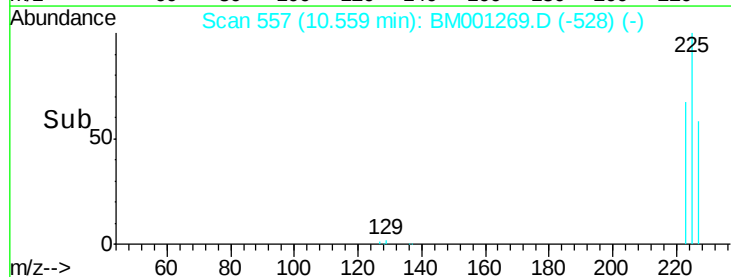
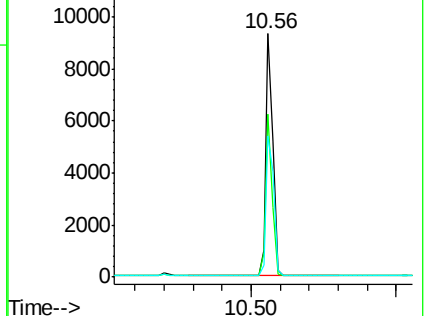
227 63.7 51.4 77.2

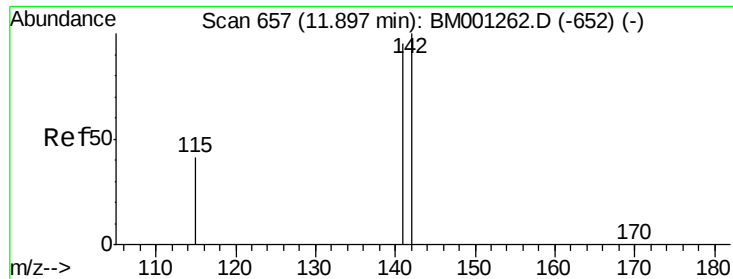


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

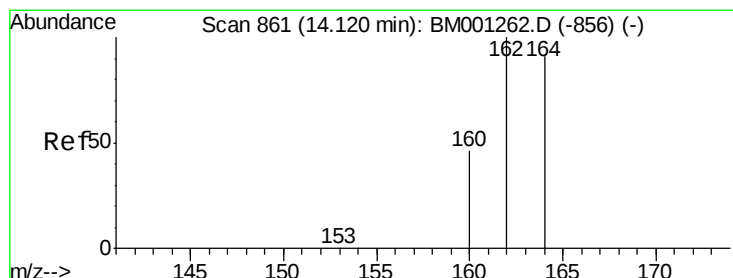
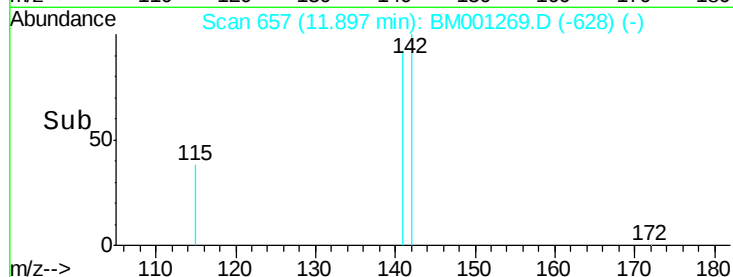
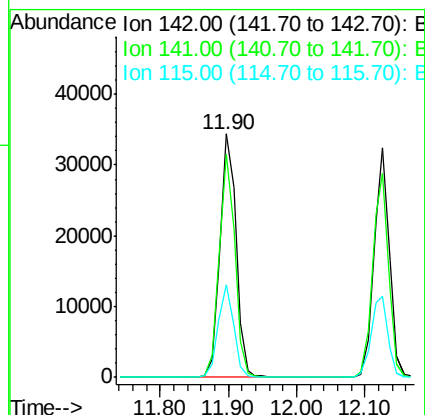
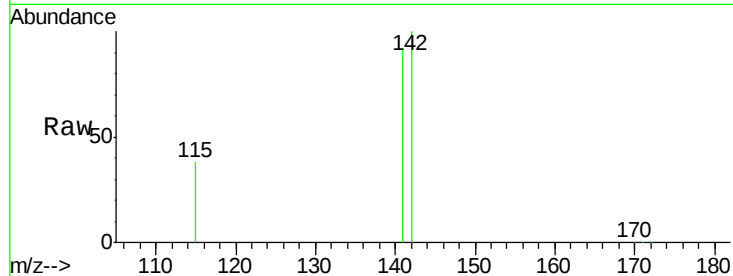




#11
2-Methylnaphthalene
Concen: 8.40 ng
RT: 11.90 min Scan# 657
Delta R.T. -0.00 min
Lab File: BM001269.D
Acq: 13 May 2015 02:05

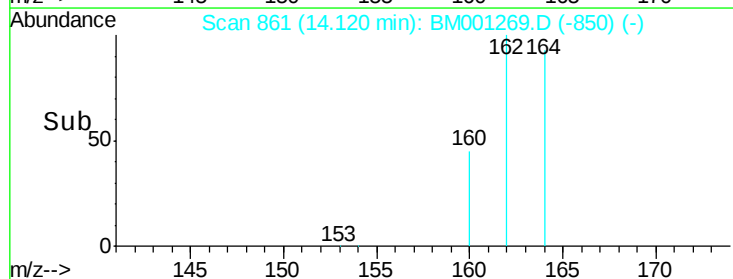
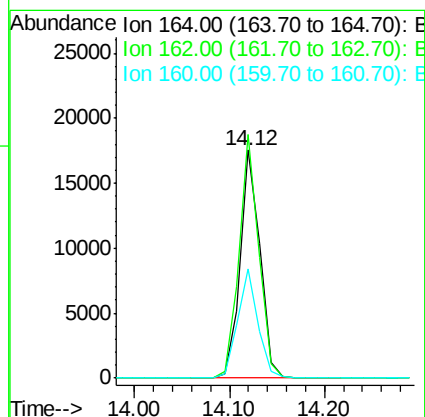
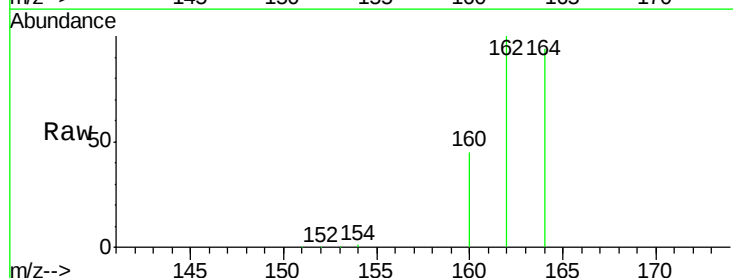
Instrument :
BNA_M
ClientSampleId :
PB83325BS

Tgt Ion:142 Resp: 55146
Ion Ratio Lower Upper
142 100
141 91.6 76.1 114.1
115 38.2 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: BM001269.D
Acq: 13 May 2015 02:05

Tgt Ion:164 Resp: 24929
Ion Ratio Lower Upper
164 100
162 106.9 87.9 131.9
160 48.2 40.9 61.3

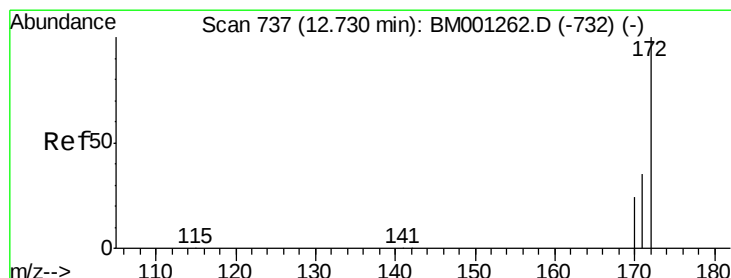
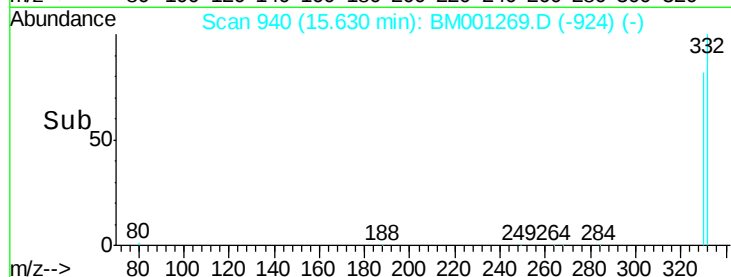
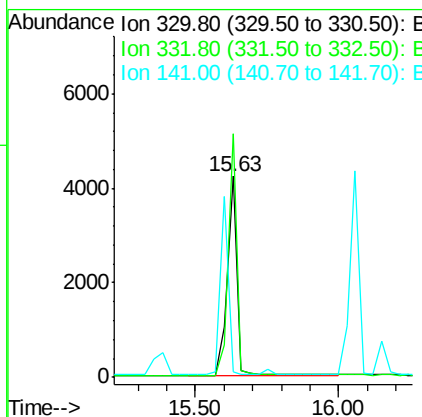
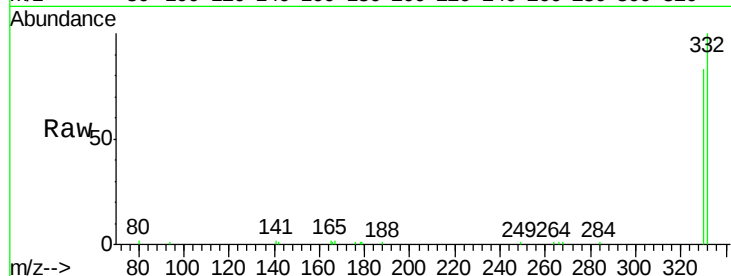




#13
 2,4,6-Tribromophenol
 Concen: 11.73 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

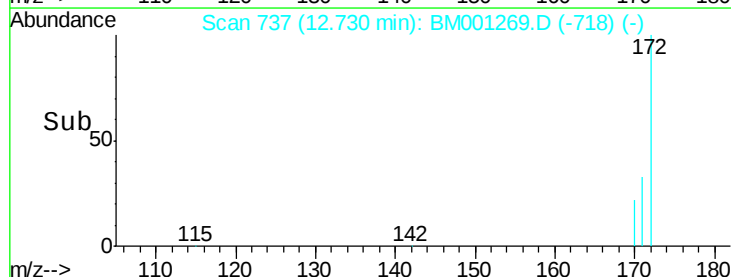
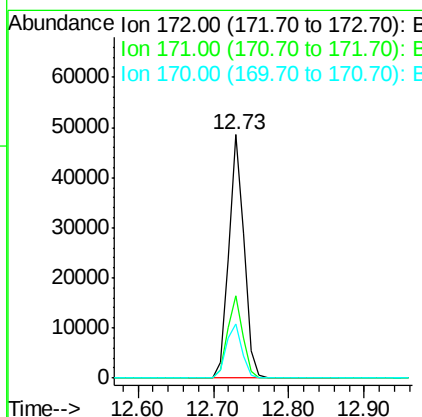
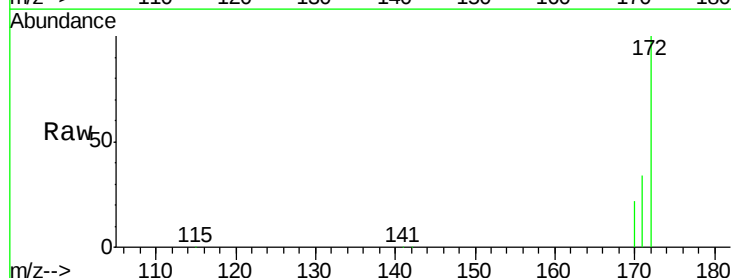
Instrument :
 BNA_M
 ClientSampleId :
 PB83325BS

Tgt Ion:330 Resp: 10053
 Ion Ratio Lower Upper
 330 100
 332 109.7 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.93 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

Tgt Ion:172 Resp: 69109
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.7 43.1
 170 22.1 19.5 29.3





#15

Acenaphthylene

Concen: 9.29 ng

RT: 13.83 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

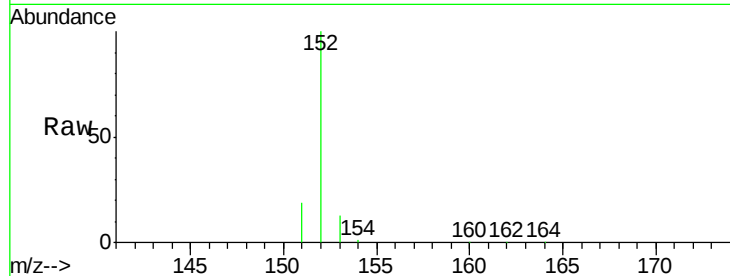
Tgt Ion:152 Resp: 95379

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.4

153 12.9 10.1 15.1



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

80000

60000

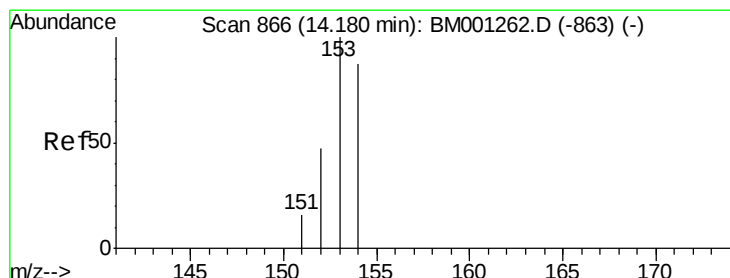
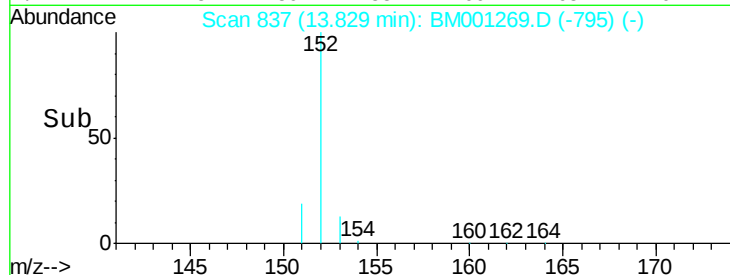
40000

20000

0

Time--> 13.60 13.80 14.00

13.83



#16

Acenaphthene

Concen: 8.23 ng

RT: 14.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

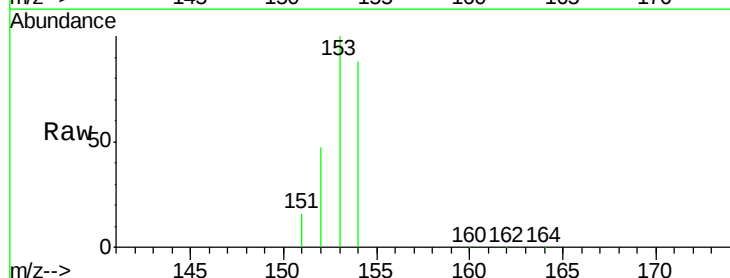
Tgt Ion:154 Resp: 54055

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.2

152 54.1 44.3 66.5



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

60000

50000

40000

30000

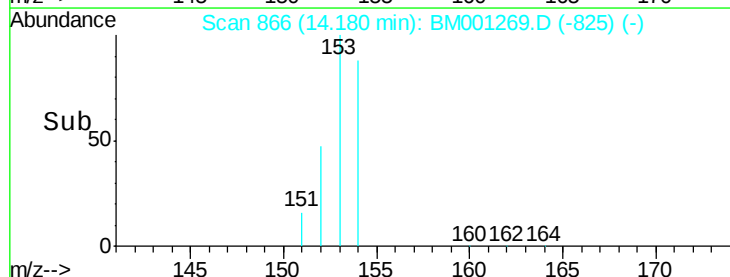
20000

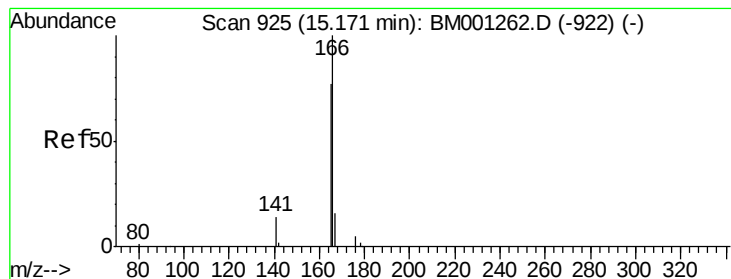
10000

0

Time--> 14.00 14.10 14.20

14.18





#17

Fluorene

Concen: 7.13 ng

RT: 15.17 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

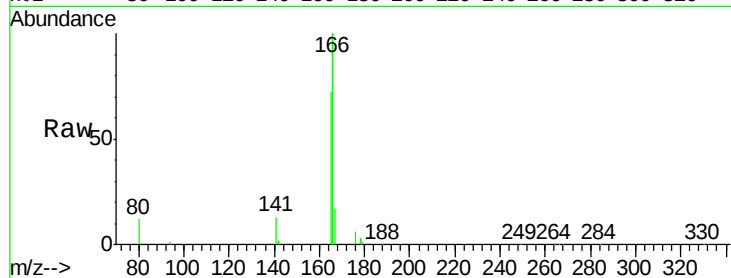
Tgt Ion:166 Resp: 42458

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

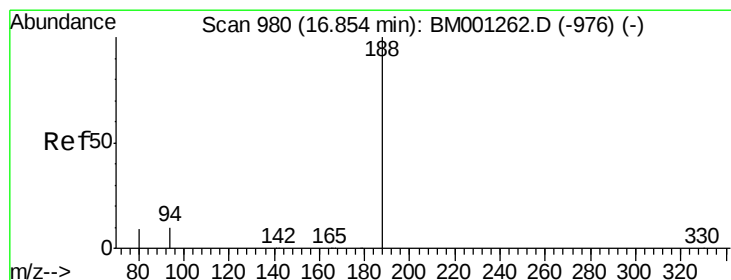
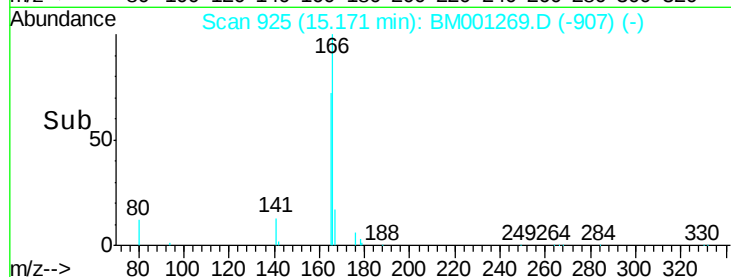
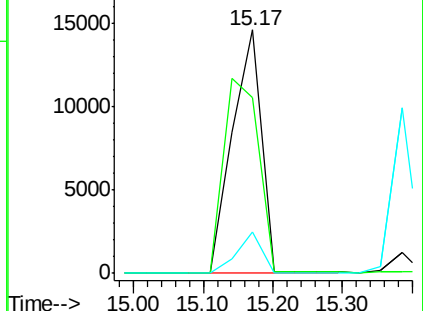
167 14.3 11.3 16.9



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: BM001269.D

Acq: 13 May 2015 02:05

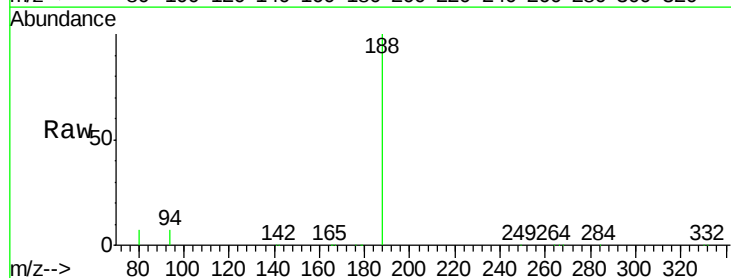
Tgt Ion:188 Resp: 62377

Ion Ratio Lower Upper

188 100

94 7.0 7.8 11.8#

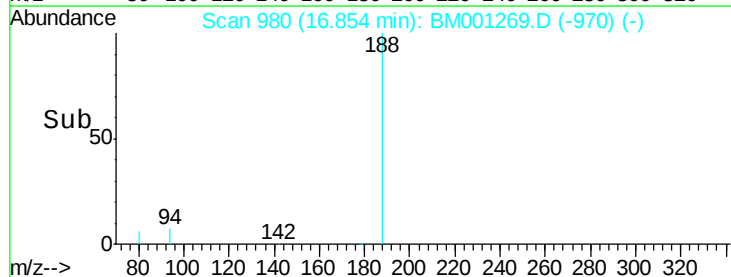
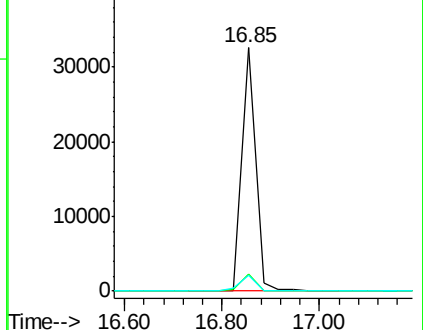
80 6.7 7.5 11.3#



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

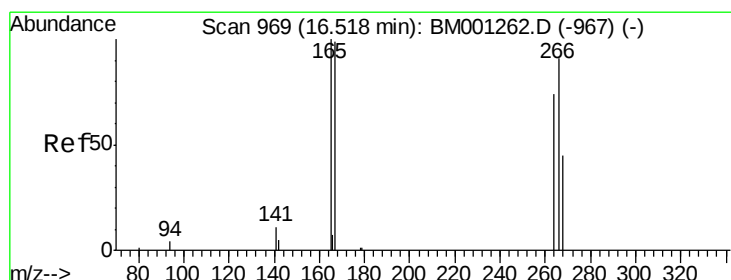
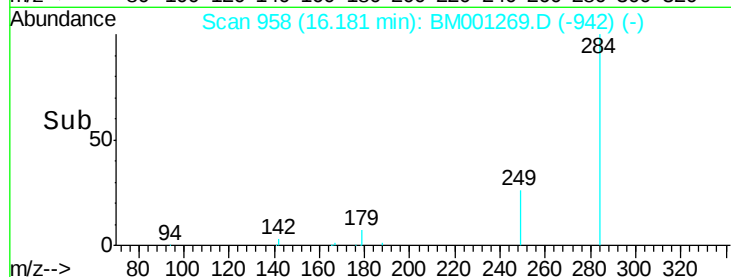
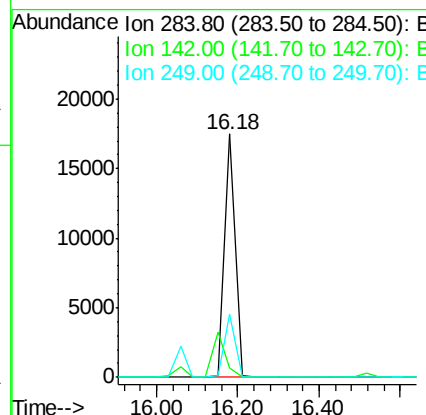
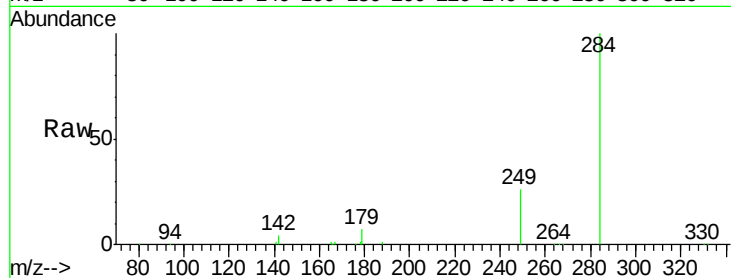




#19
Hexachlorobenzene
Concen: 8.06 ng
RT: 16.18 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM001269.D
Acq: 13 May 2015 02:05

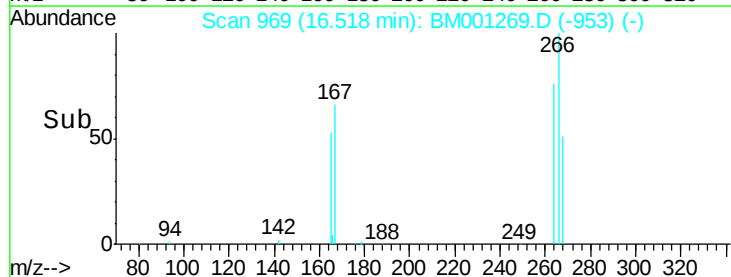
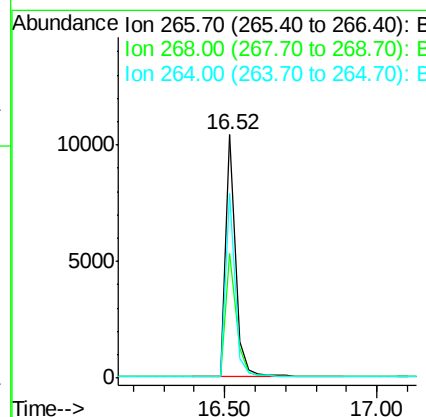
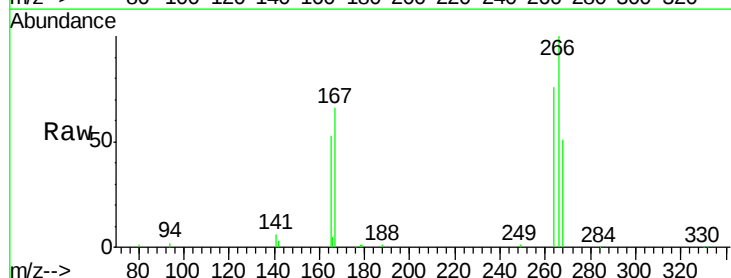
Instrument :
BNA_M
ClientSampleId :
PB83325BS

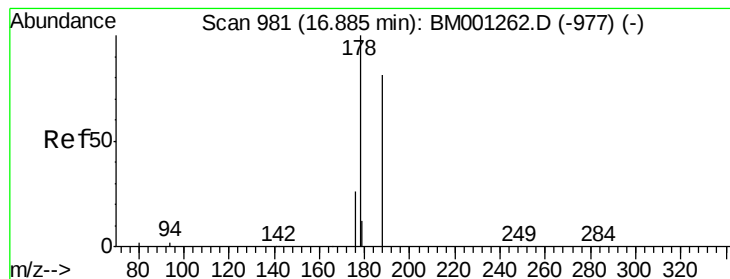
Tgt Ion: 284 Resp: 32352
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.4 22.7 34.1



#20
Pentachlorophenol
Concen: 19.45 ng
RT: 16.52 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001269.D
Acq: 13 May 2015 02:05

Tgt Ion: 266 Resp: 23468
Ion Ratio Lower Upper
266 100
268 51.1 49.4 74.0
264 76.1 67.8 101.6





#21

Phenanthrene

Concen: 7.22 ng

RT: 16.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

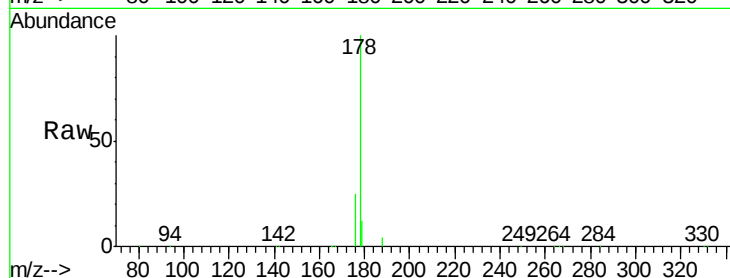
Tgt Ion:178 Resp: 68415

Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

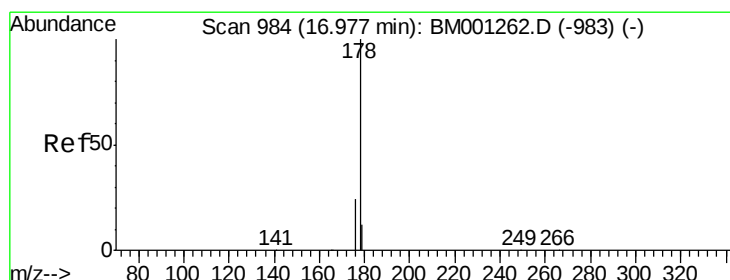
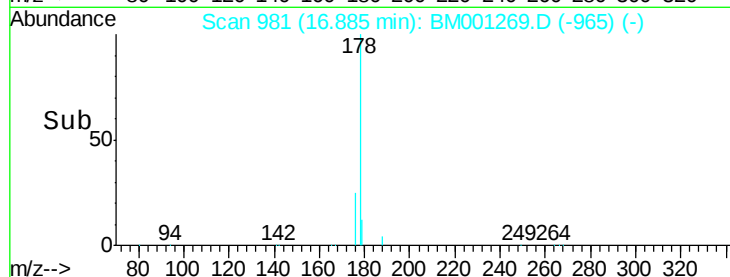
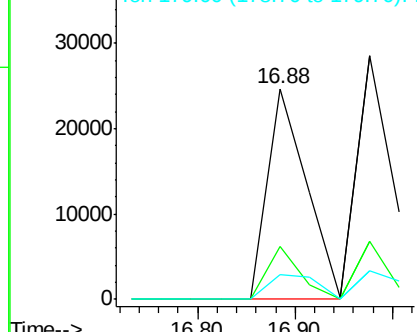
179 14.8 0.0 0.0#



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: 7.93 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

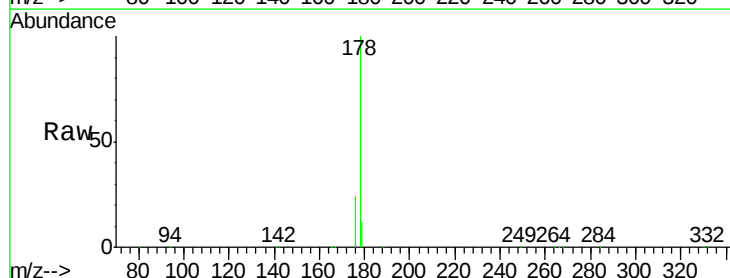
Tgt Ion:178 Resp: 73266

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

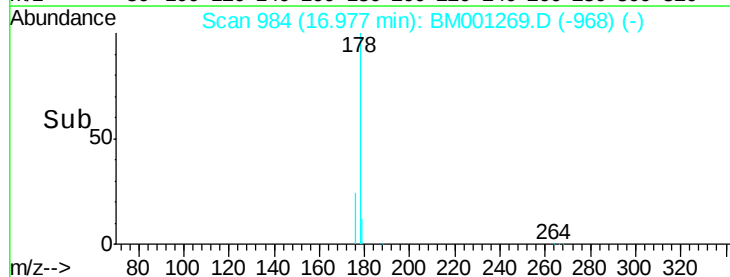
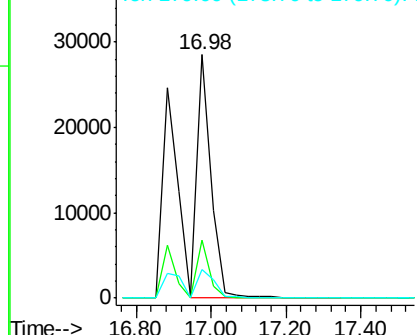
179 14.4 0.0 0.0#

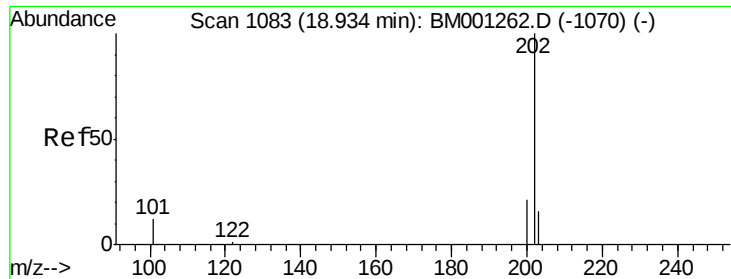


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 7.88 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

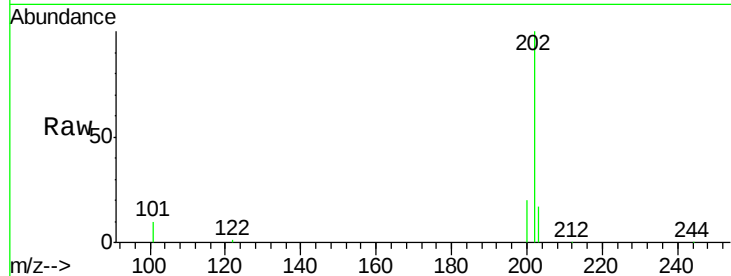
Tgt Ion:202 Resp: 117249

Ion Ratio Lower Upper

202 100

101 11.7 9.1 13.7

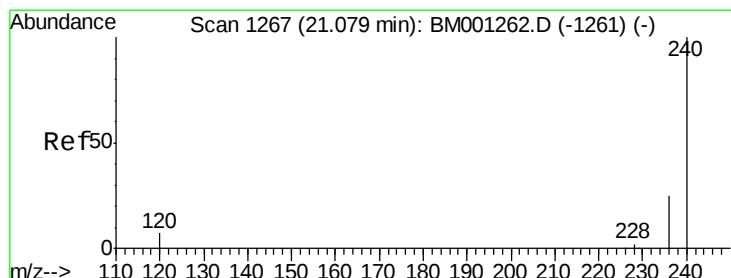
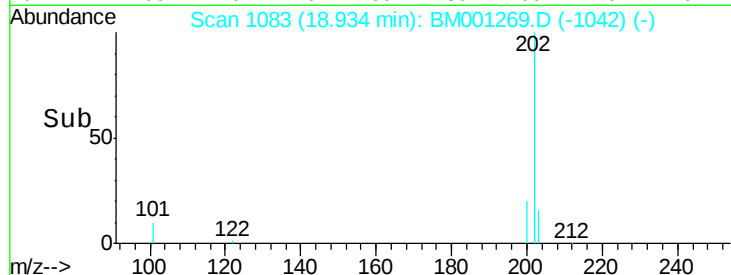
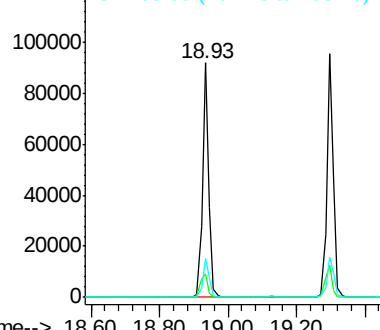
203 17.2 13.8 20.6



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: 21.08 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

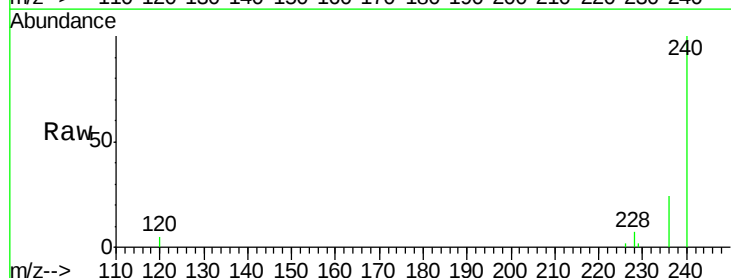
Tgt Ion:240 Resp: 45594

Ion Ratio Lower Upper

240 100

120 5.2 5.5 8.3#

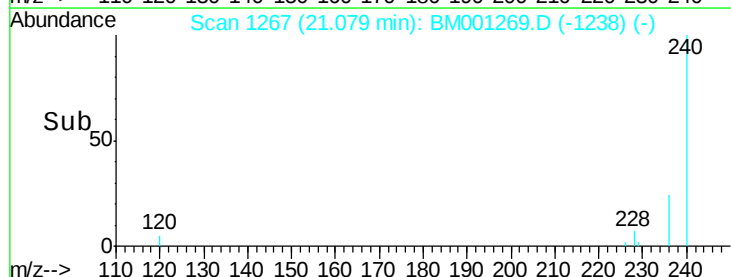
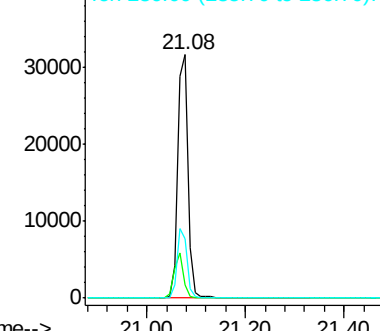
236 24.4 20.4 30.6

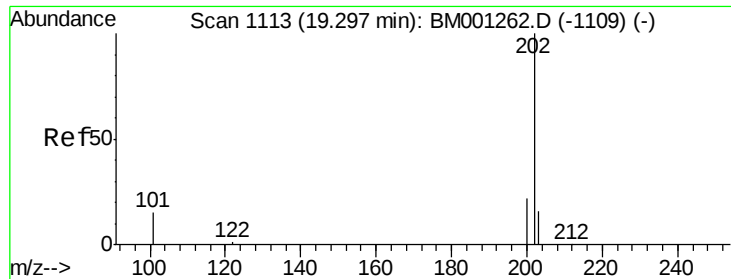


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

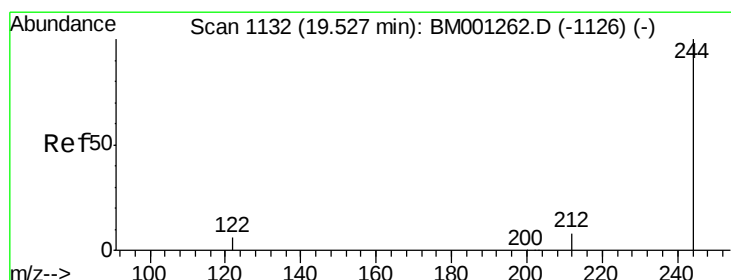
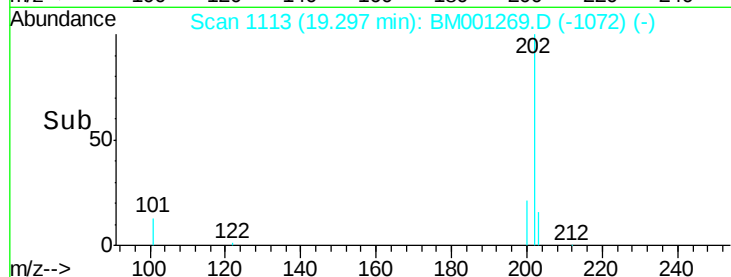
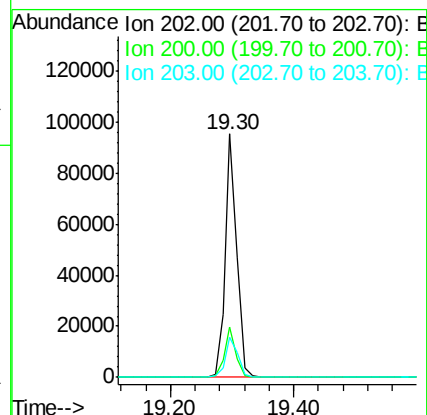
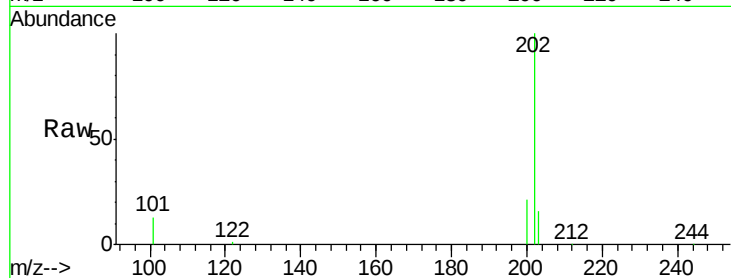




#25
 Pyrene
 Concen: 8.90 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

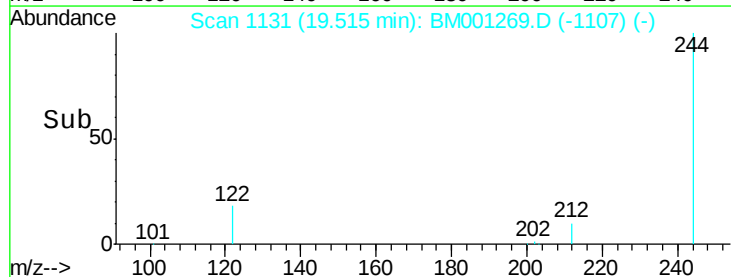
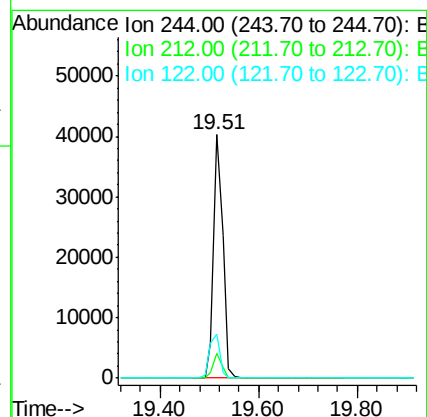
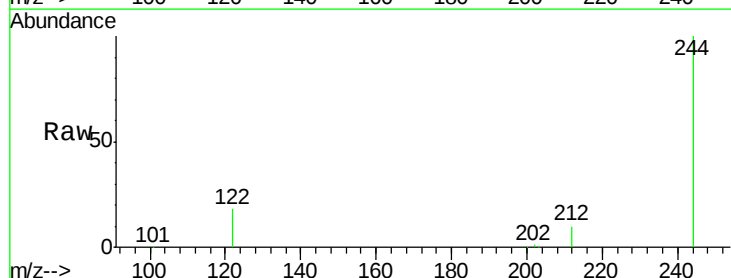
Instrument :
 BNA_M
 ClientSampleId :
 PB83325BS

Tgt Ion:202 Resp: 125455
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.4 24.6
 203 17.7 13.9 20.9



#26
 Terphenyl-d14
 Concen: 8.53 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BM001269.D
 Acq: 13 May 2015 02:05

Tgt Ion:244 Resp: 52267
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.2 10.8
 122 18.0 5.6 8.4#





#27

Benzo(a)anthracene

Concen: 8.95 ng

RT: 21.06 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

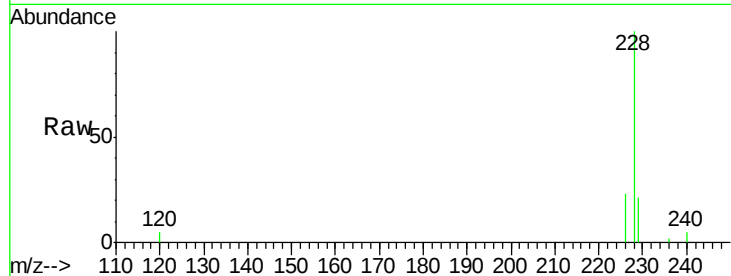
Tgt Ion:228 Resp: 110710

Ion Ratio Lower Upper

228 100

226 23.4 20.5 30.7

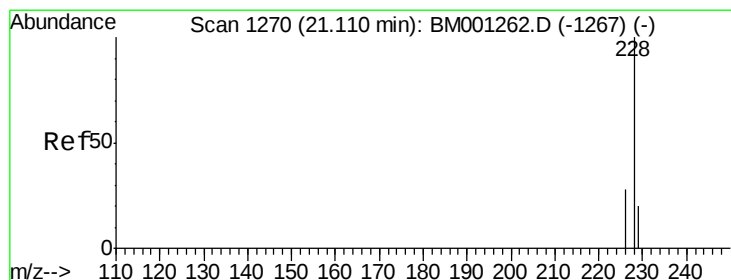
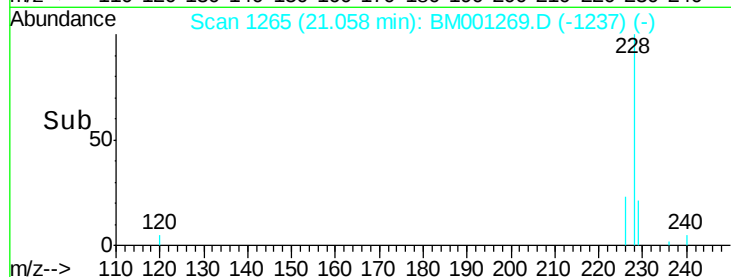
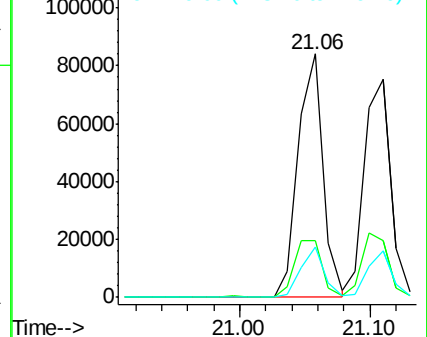
229 20.7 16.2 24.4



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: 8.55 ng

RT: 21.11 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

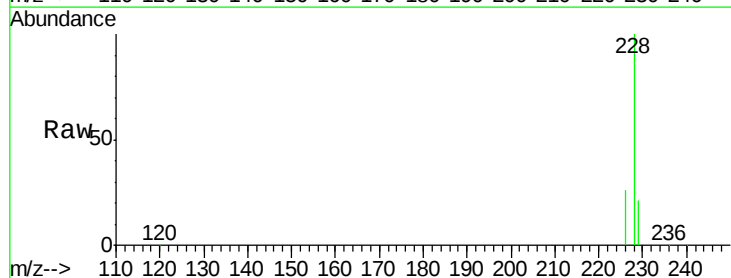
Tgt Ion:228 Resp: 107266

Ion Ratio Lower Upper

228 100

226 25.8 22.2 33.2

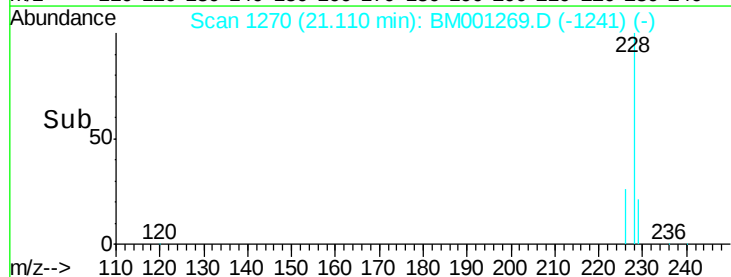
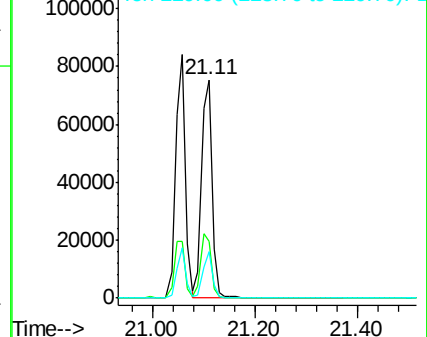
229 21.1 16.5 24.7

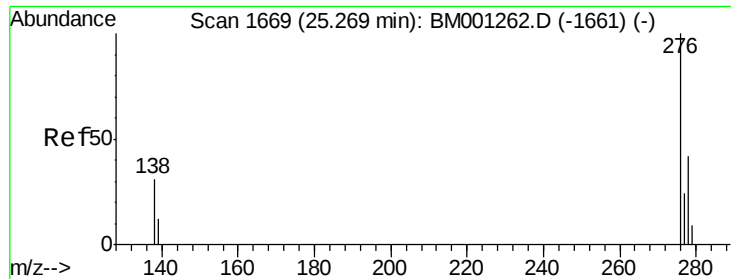


Abundance Ion 228.00 (227.70 to 228.70): E

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: 8.99 ng

RT: 25.27 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

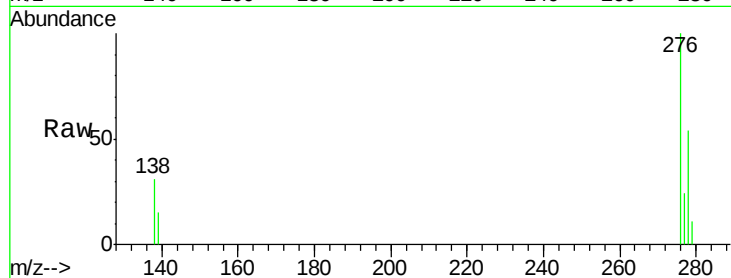
Tgt Ion:276 Resp: 114619

Ion Ratio Lower Upper

276 100

138 32.1 24.9 37.3

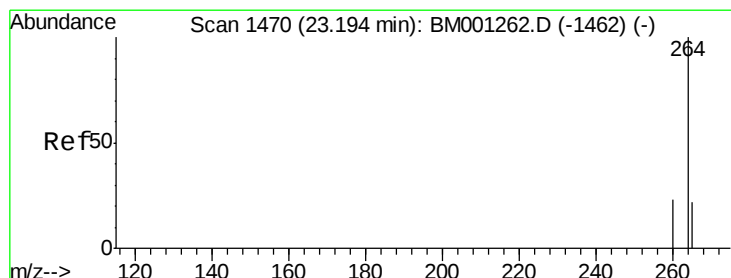
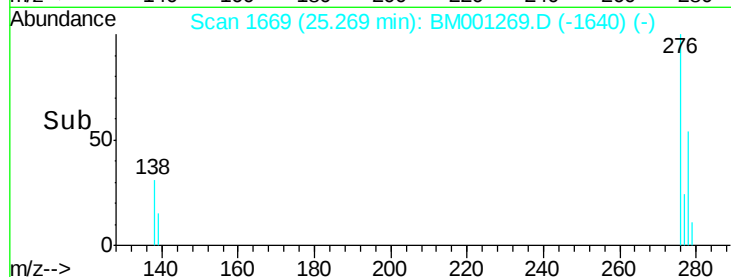
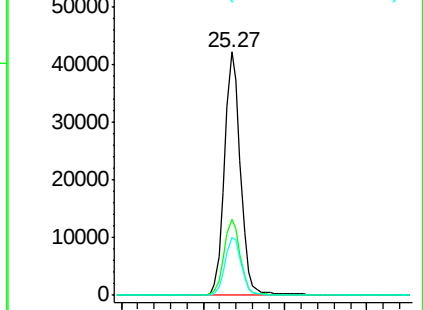
277 24.5 19.5 29.3



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: BM001269.D

Acq: 13 May 2015 02:05

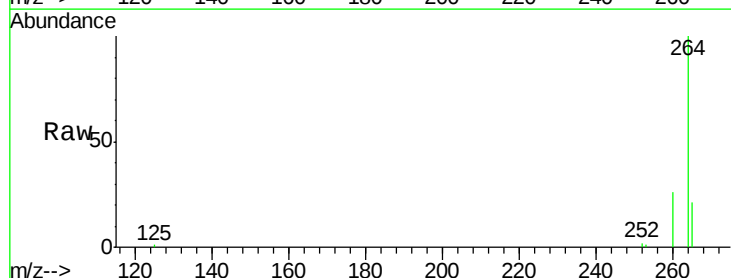
Tgt Ion:264 Resp: 41745

Ion Ratio Lower Upper

264 100

260 25.6 18.9 28.3

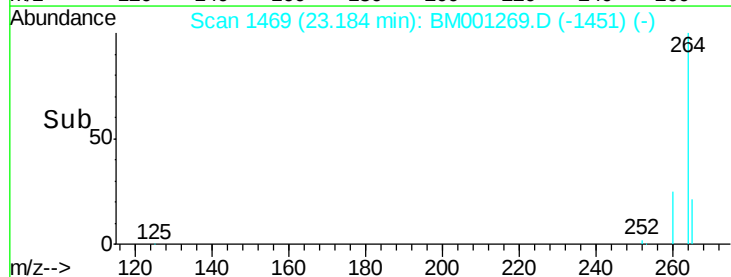
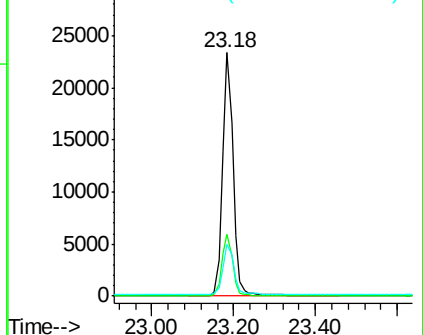
265 21.3 18.1 27.1

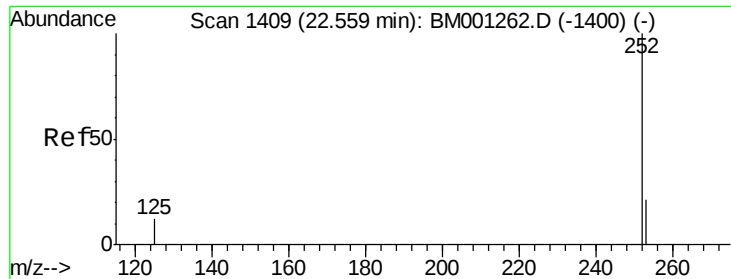


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 9.36 ng

RT: 22.56 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

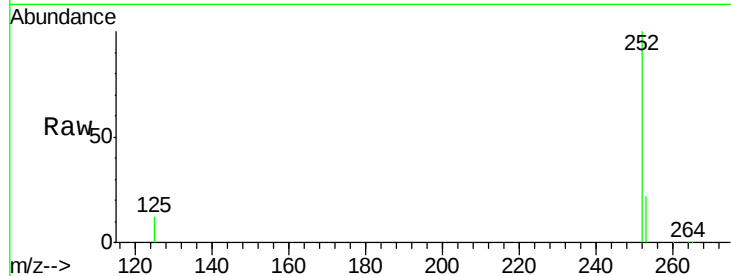
Tgt Ion:252 Resp: 114563

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

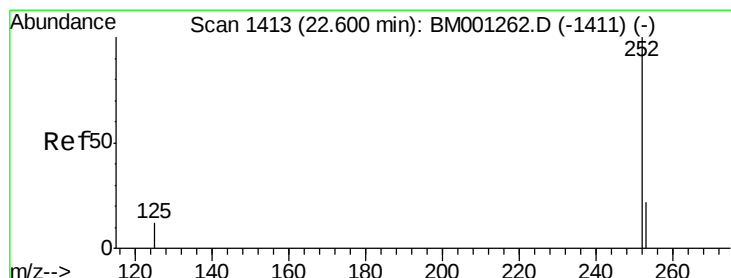
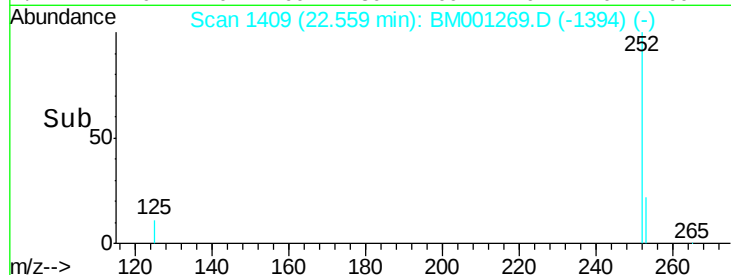
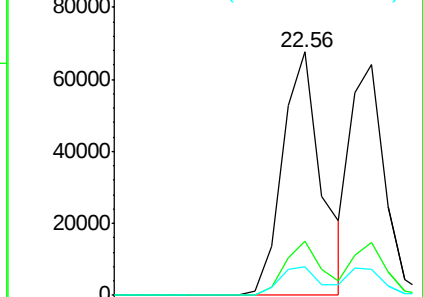
125 11.6 10.4 15.6



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: 8.27 ng

RT: 22.60 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

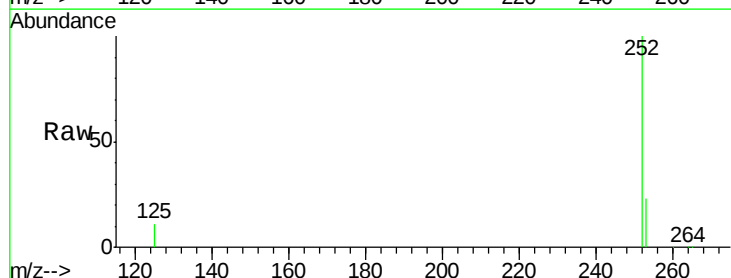
Tgt Ion:252 Resp: 96244

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

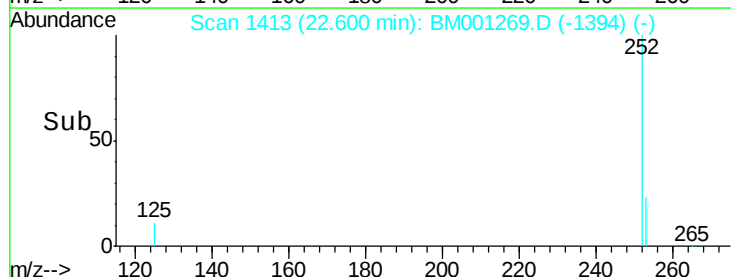
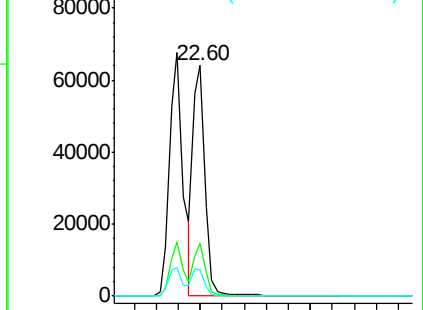
125 11.4 10.2 15.4



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: 9.45 ng

RT: 23.09 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS

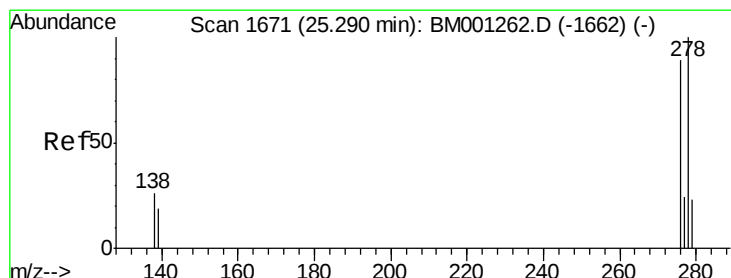
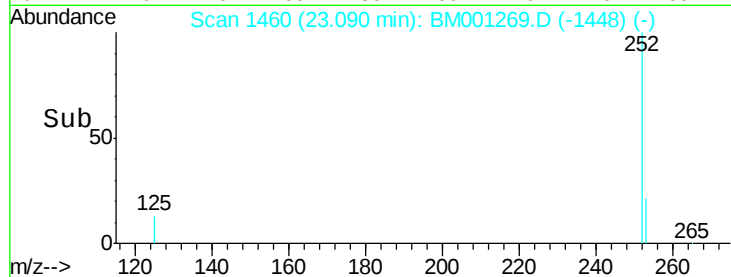
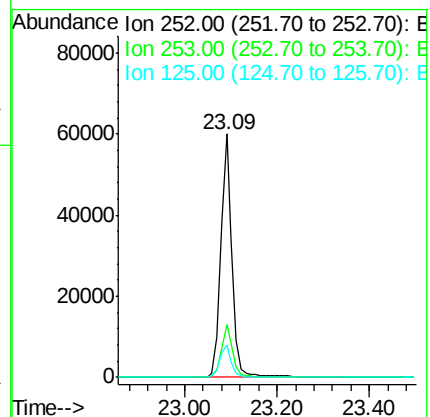
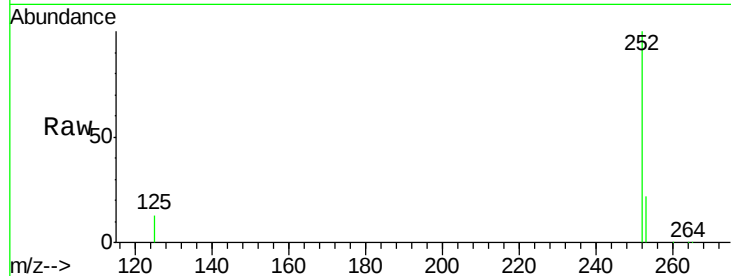
Tgt Ion:252 Resp: 100060

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 13.4 12.2 18.2



#34

Dibenzo(a,h)anthracene

Concen: 9.23 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM001269.D

Acq: 13 May 2015 02:05

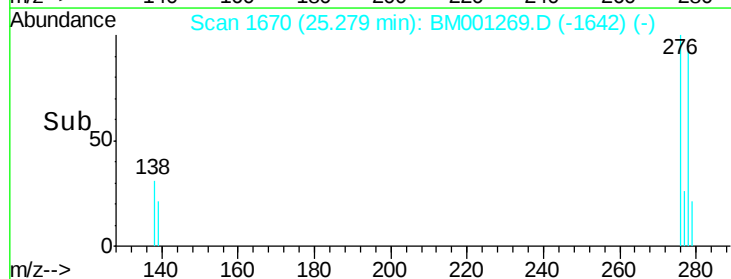
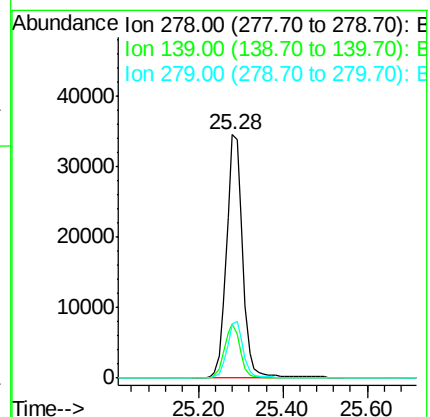
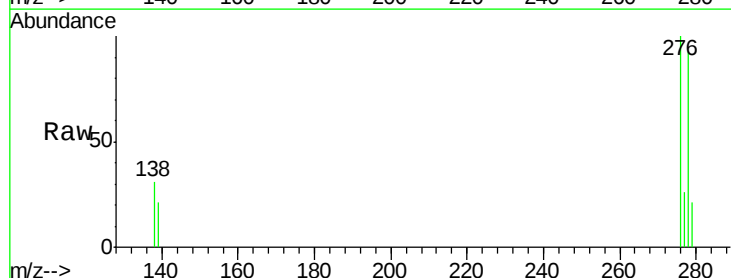
Tgt Ion:278 Resp: 91914

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

279 22.4 20.0 30.0





#35

Benzo(g,h,i)perylene

Concen: 8.94 ng

RT: 25.90 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM001269.D

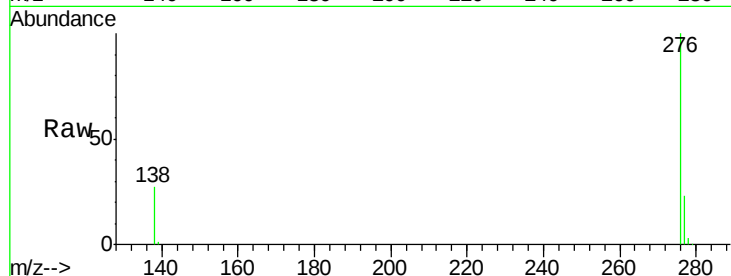
Acq: 13 May 2015 02:05

Instrument :

BNA_M

ClientSampleId :

PB83325BS



Tgt Ion: 276 Resp: 97755

Ion Ratio Lower Upper

276 100

277 23.3 19.9 29.9

138 26.9 21.0 31.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

