

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001308.D
 Acq On : 15 May 2015 00:56
 Operator : TP/IZ
 Sample : PB83363BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83363BSD

Quant Time: May 15 05:33:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	15060	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	53561	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	28066	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	78928	5.00	ng	0.00
24) Chrysene-d12	21.07	240	51905	5.00	ng	-0.01
30) Perylene-d12	23.18	264	48069	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	36747	12.53	ng	-0.02
5) Phenol-d6	6.63	99	46174	13.95	ng	0.00
7) Nitrobenzene-d5	8.60	82	28520	8.36	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	9759	10.12	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	75964	8.72	ng	0.00
26) Terphenyl-d14	19.51	244	56895	8.16	ng	0.00

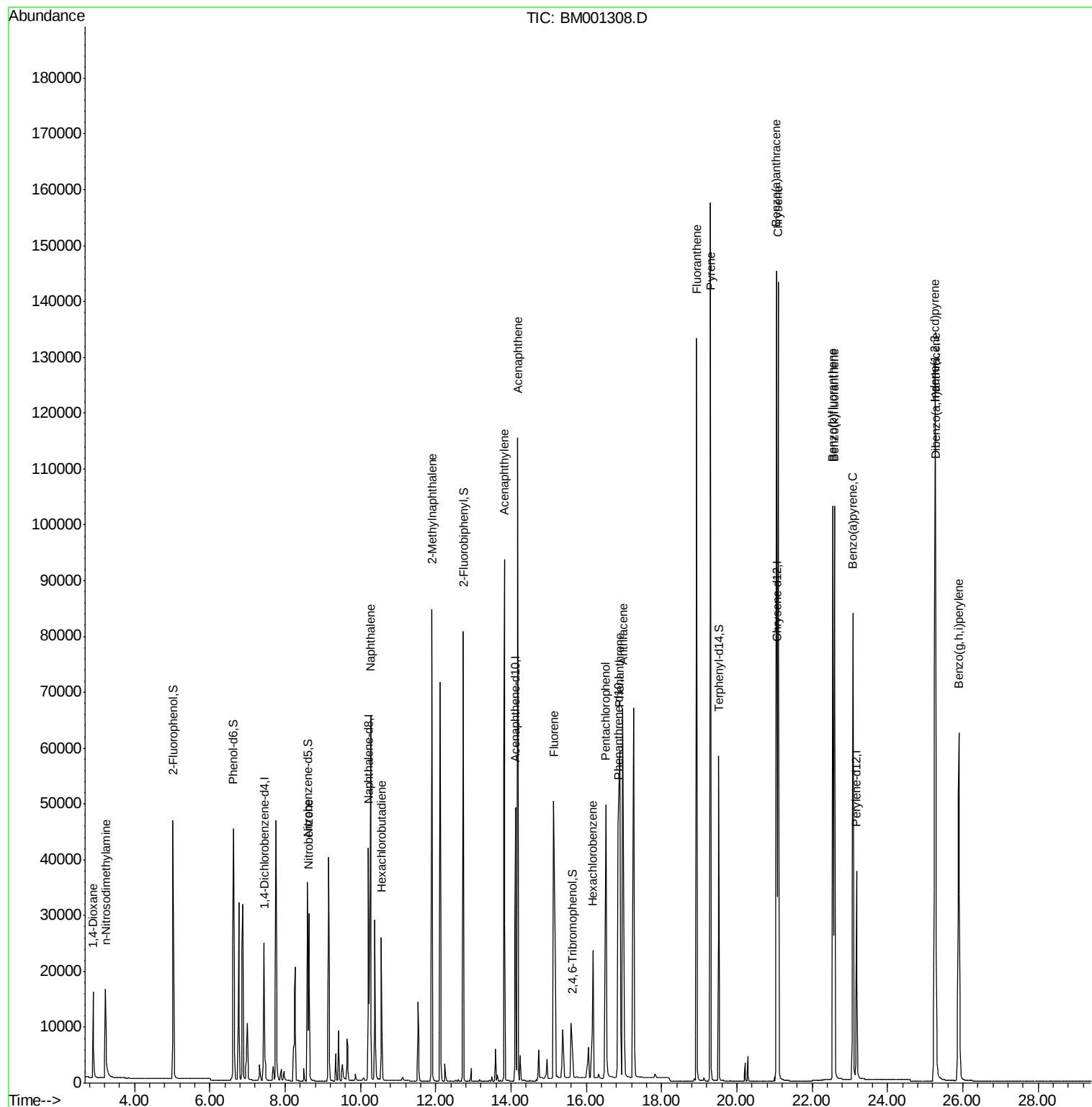
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	10037	8.44	ng	# 59
3) n-Nitrosodimethylamine	3.23	42	13639	8.00	ng	# 99
8) Nitrobenzene	8.64	77	30584	8.35	ng	97
9) Naphthalene	10.27	128	90281	7.92	ng	98
10) Hexachlorobutadiene	10.56	225	17477	7.85	ng	99
11) 2-Methylnaphthalene	11.90	142	59832	8.07	ng	90
15) Acenaphthylene	13.83	152	103524	8.96	ng	99
16) Acenaphthene	14.18	154	59082	7.99	ng	98
17) Fluorene	15.14	166	47541	7.10	ng	# 83
19) Hexachlorobenzene	16.18	284	33441	6.58	ng	# 86
20) Pentachlorophenol	16.52	266	33275	21.74	ng	87
21) Phenanthrene	16.88	178	90625	7.55	ng	# 95
22) Anthracene	16.98	178	101624	8.69	ng	# 96
23) Fluoranthene	18.93	202	127812	6.79	ng	99
25) Pyrene	19.30	202	138889	8.66	ng	99
27) Benzo(a)anthracene	21.05	228	123020	8.73	ng	95
28) Chrysene	21.10	228	118363	8.29	ng	94
29) Indeno(1,2,3-cd)pyrene	25.26	276	131869	9.08	ng	99
31) Benzo(b)fluoranthene	22.55	252	119228	8.46	ng	98
32) Benzo(k)fluoranthene	22.59	252	117643	8.78	ng	97
33) Benzo(a)pyrene	23.08	252	113798	9.33	ng	96
34) Dibenzo(a,h)anthracene	25.28	278	105906	9.24	ng	97
35) Benzo(g,h,i)perylene	25.89	276	112510	8.94	ng	97

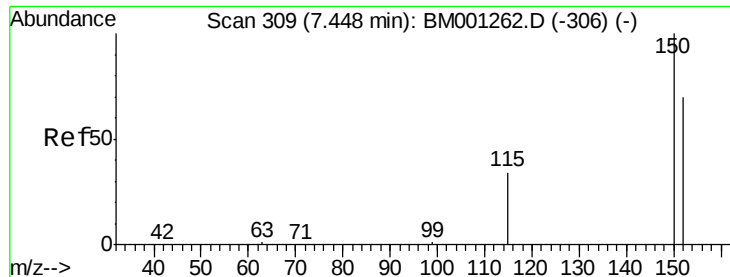
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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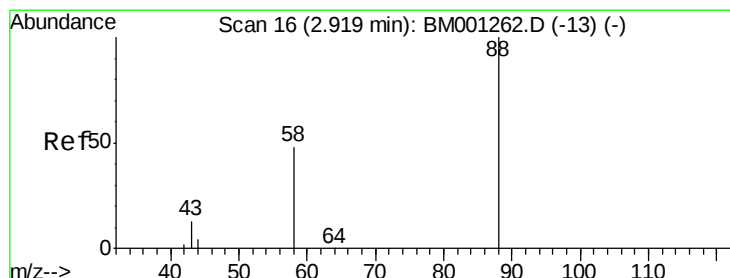
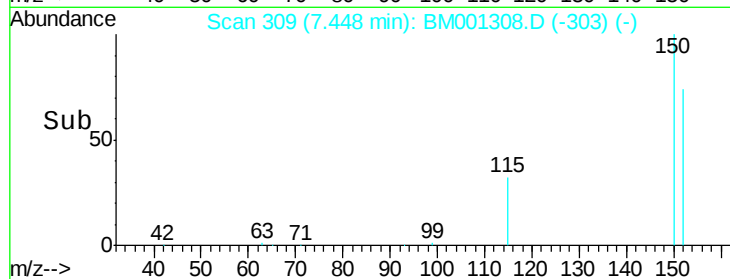
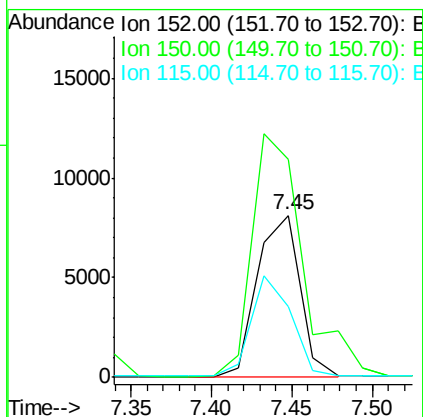
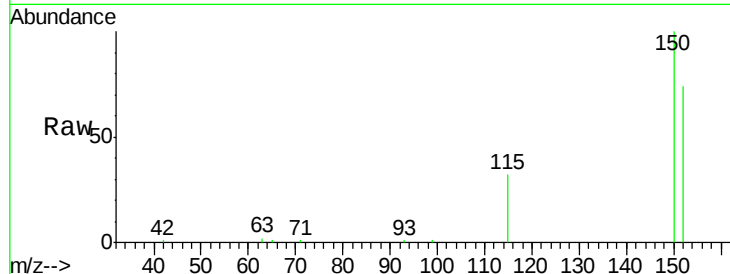




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.45 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

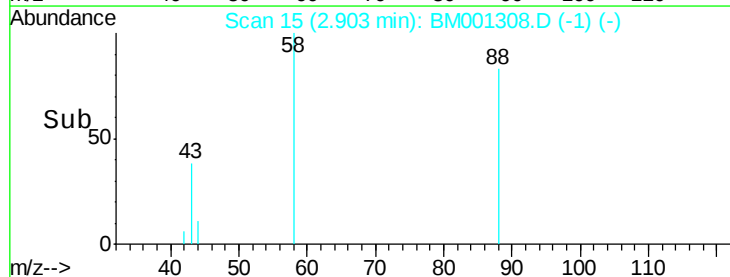
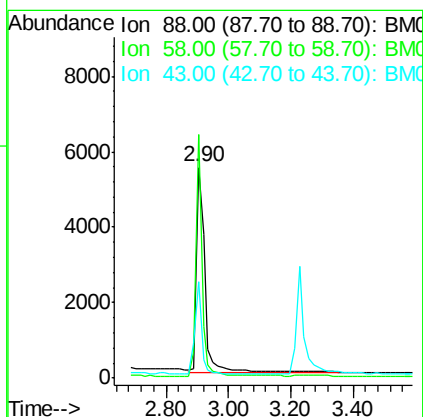
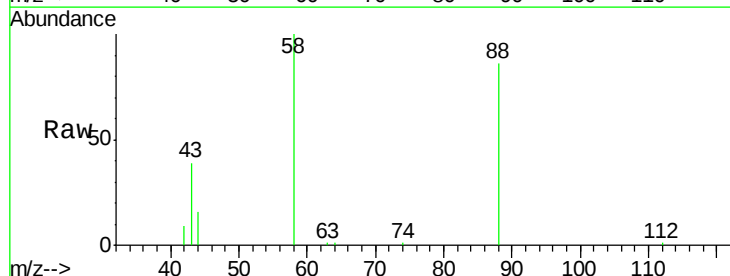
Instrument :
 BNA_M
 ClientSampleId :
 PB83363BSD

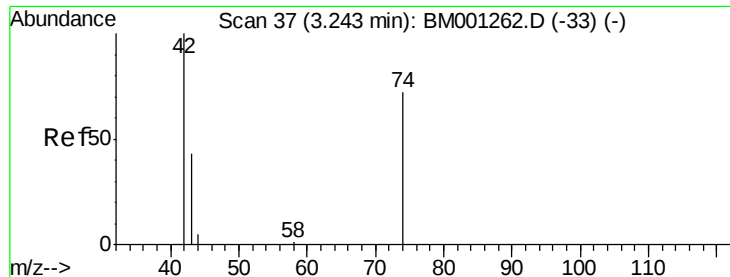
Tgt Ion:152 Resp: 15060
 Ion Ratio Lower Upper
 152 100
 150 135.0 114.6 172.0
 115 43.6 39.3 58.9



#2
 1,4-Dioxane
 Concen: 8.44 ng
 RT: 2.90 min Scan# 15
 Delta R.T. -0.02 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

Tgt Ion: 88 Resp: 10037
 Ion Ratio Lower Upper
 88 100
 58 83.0 39.0 58.6#
 43 36.4 20.2 30.2#





#3

n-Nitrosodimethylamine

Concen: 8.00 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

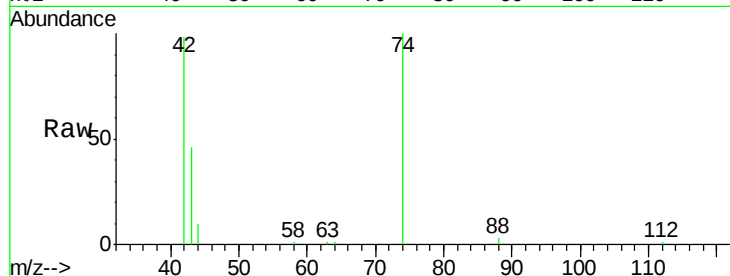
Tgt Ion: 42 Resp: 13639

Ion Ratio Lower Upper

42 100

74 103.7 82.1 123.1

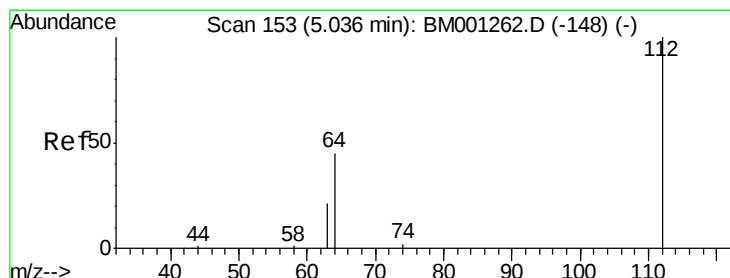
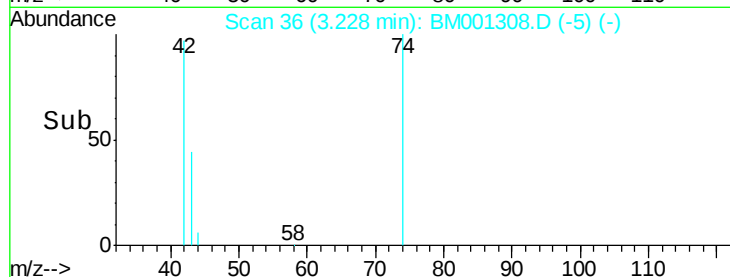
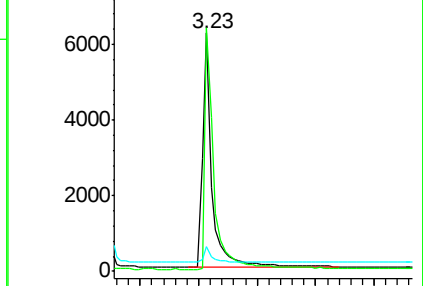
44 6.1 3.0 4.4#



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: 12.53 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

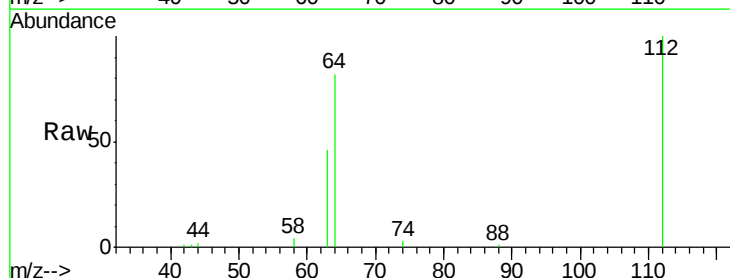
Tgt Ion: 112 Resp: 36747

Ion Ratio Lower Upper

112 100

64 64.1 50.8 76.2

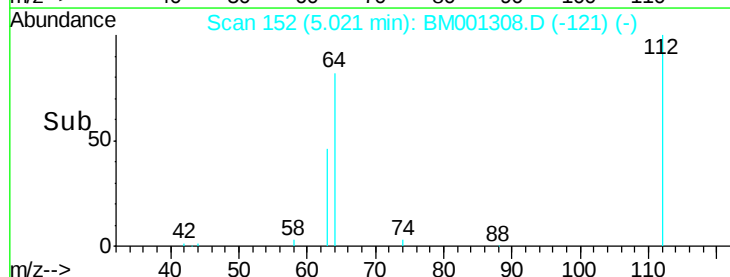
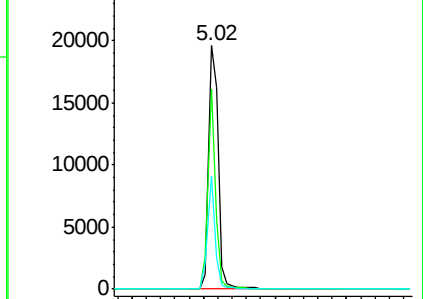
63 35.6 28.2 42.4

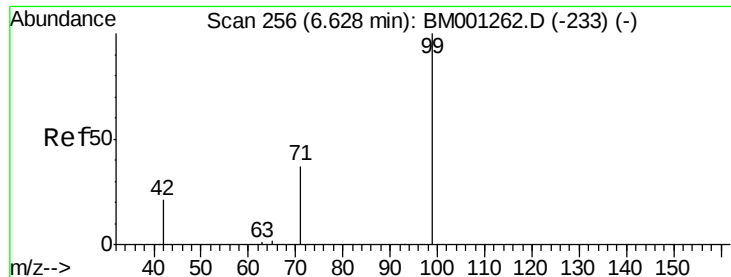


Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

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: 13.95 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

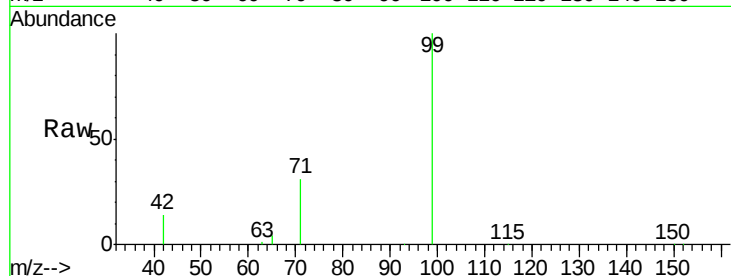
Tgt Ion: 99 Resp: 46174

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

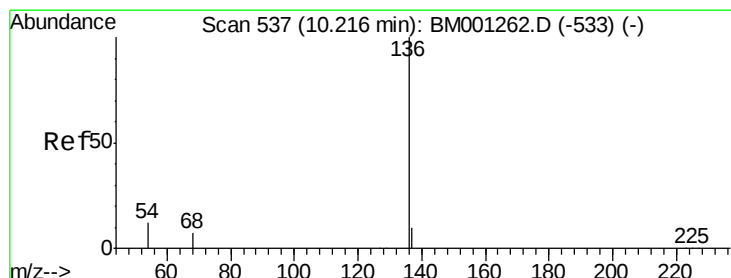
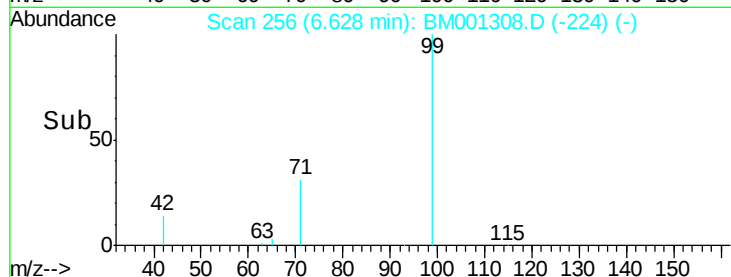
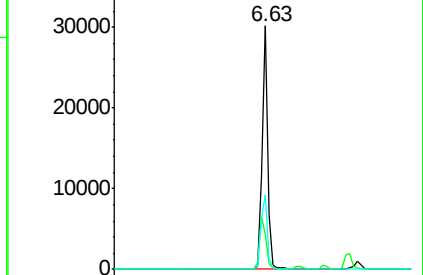
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001308.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001308.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001308.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Tgt Ion: 136 Resp: 53561

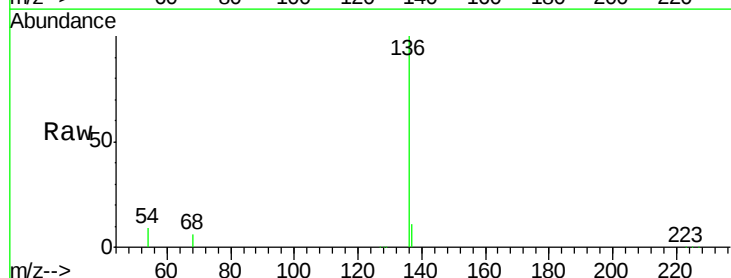
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.0 9.5 14.3#

68 5.5 5.5 8.3#

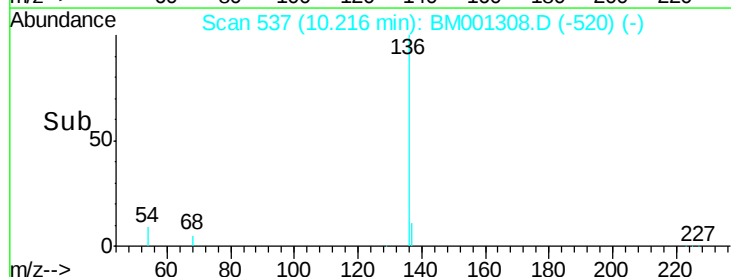
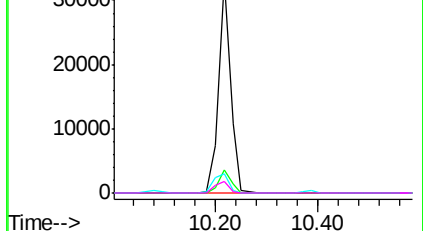


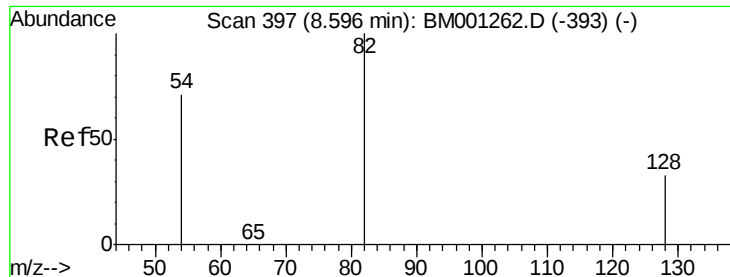
Abundance Ion 136.00 (135.70 to 136.70): BM001308.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001308.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001308.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001308.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 8.36 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

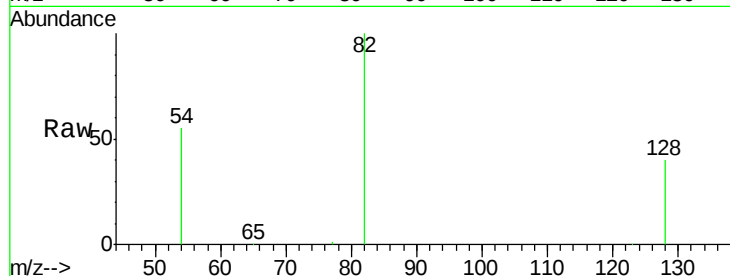
Tgt Ion: 82 Resp: 28520

Ion Ratio Lower Upper

82 100

128 40.2 28.0 42.0

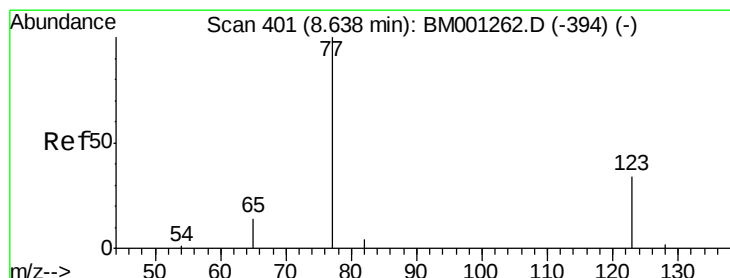
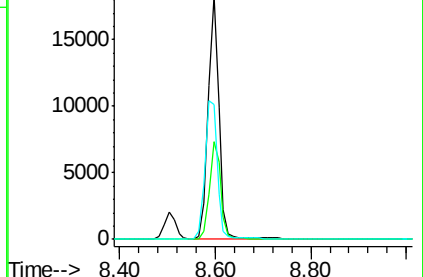
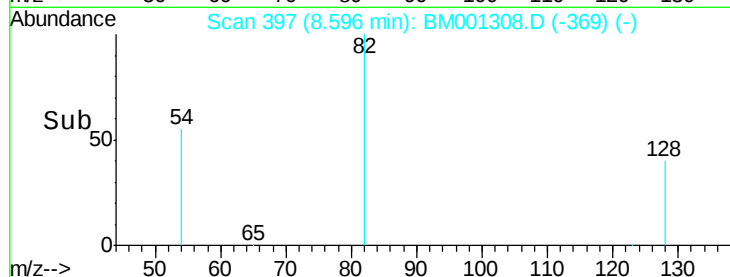
54 55.2 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001308.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001308.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001308.D (-369) (-)



#8

Nitrobenzene

Concen: 8.35 ng

RT: 8.64 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

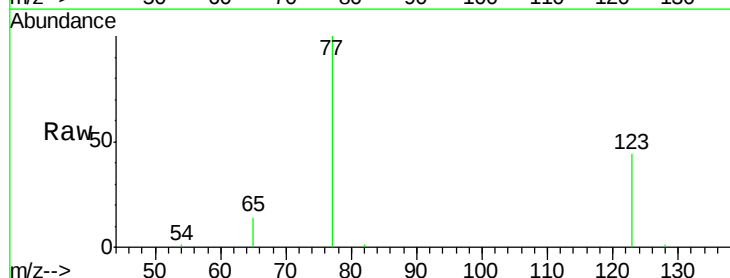
Tgt Ion: 77 Resp: 30584

Ion Ratio Lower Upper

77 100

123 43.7 33.4 50.2

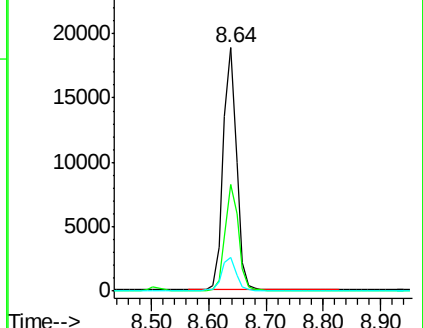
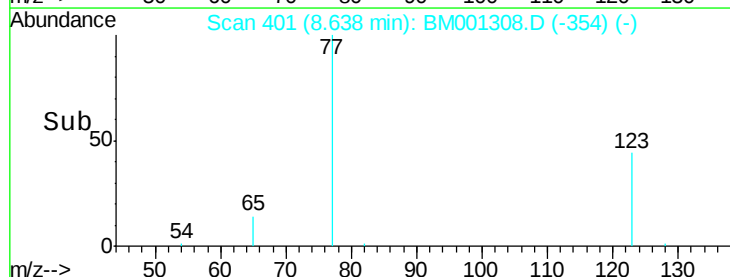
65 14.4 10.6 15.8

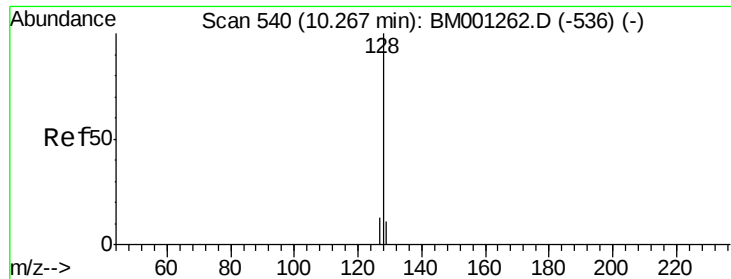


Abundance Ion 77.00 (76.70 to 77.70): BM001308.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001308.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001308.D (-354) (-)





#9

Naphthalene

Concen: 7.92 ng

RT: 10.27 min Scan# 540

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

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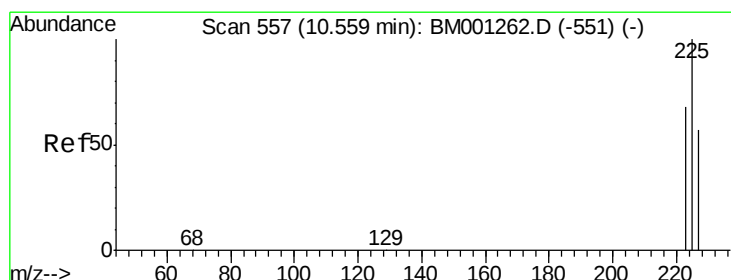
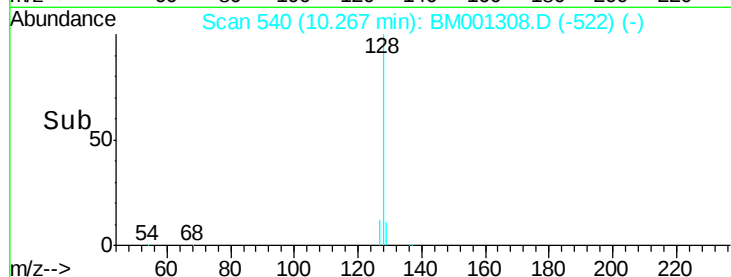
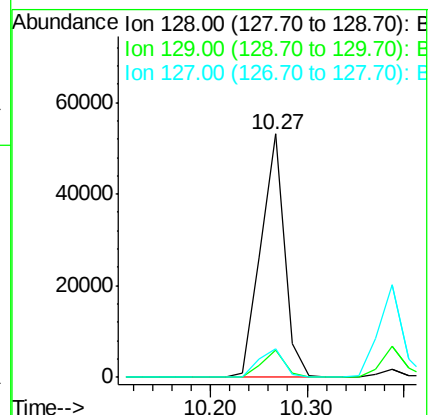
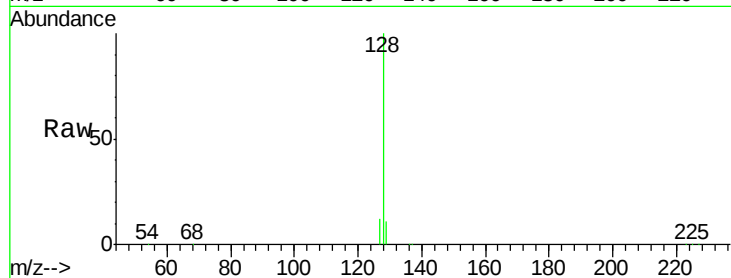
Tgt Ion:128 Resp: 90281

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 11.7 10.6 16.0



#10

Hexachlorobutadiene

Concen: 7.85 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

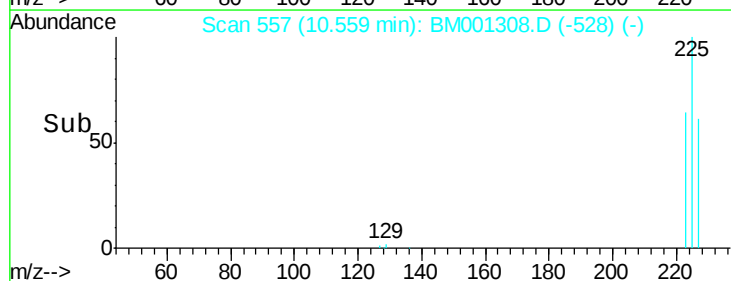
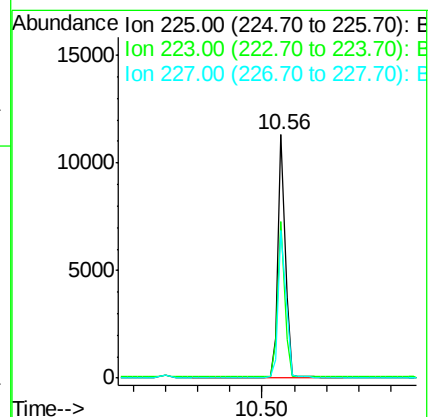
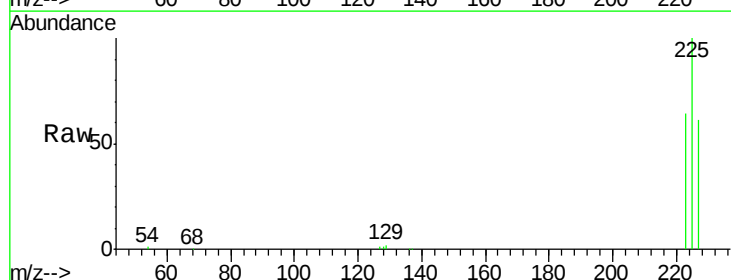
Tgt Ion:225 Resp: 17477

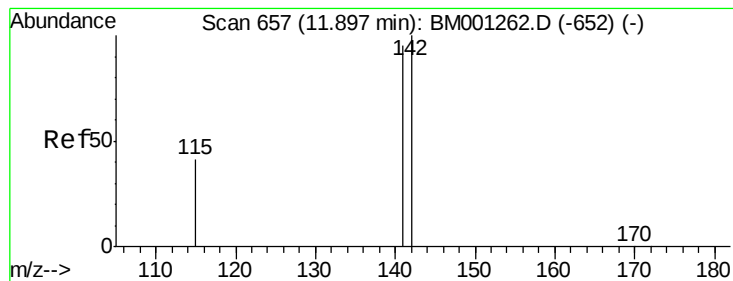
Ion Ratio Lower Upper

225 100

223 62.7 49.6 74.4

227 63.8 51.4 77.2





#11

2-Methylnaphthalene

Concen: 8.07 ng

RT: 11.90 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM001308.D

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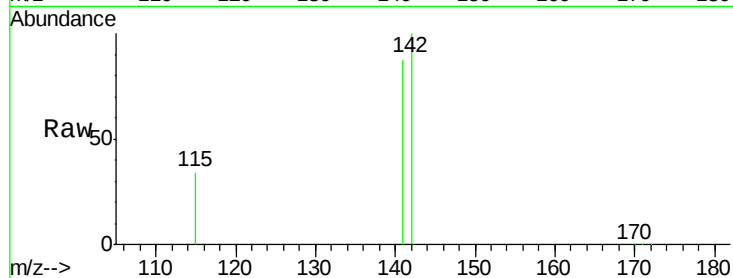
Tgt Ion:142 Resp: 59832

Ion Ratio Lower Upper

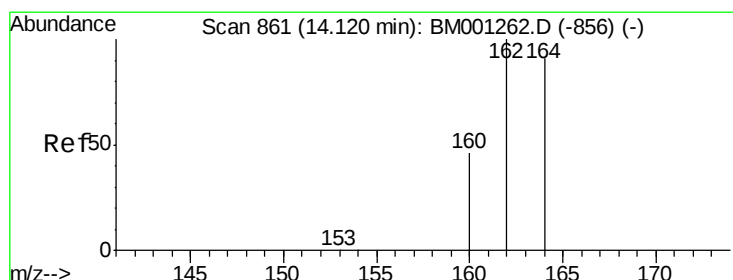
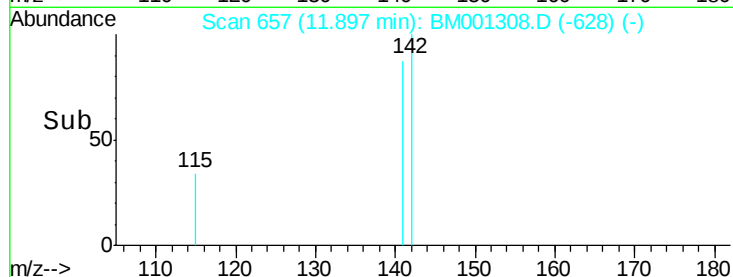
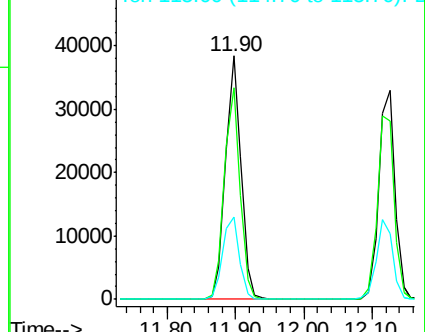
142 100

141 86.8 76.1 114.1

115 33.9 33.1 49.7



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: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

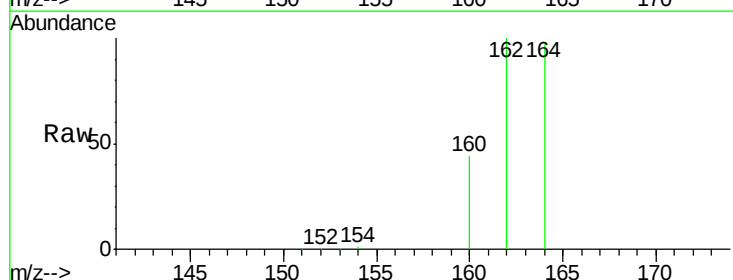
Tgt Ion:164 Resp: 28066

Ion Ratio Lower Upper

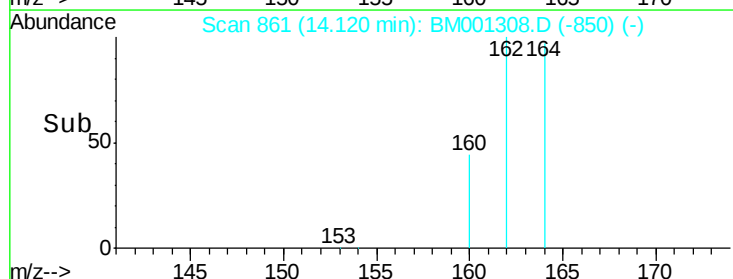
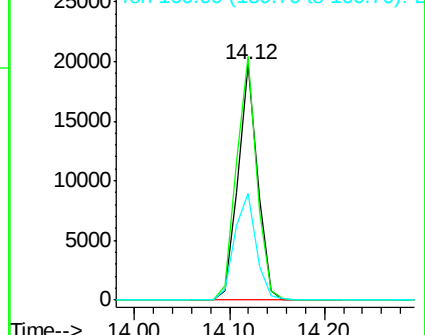
164 100

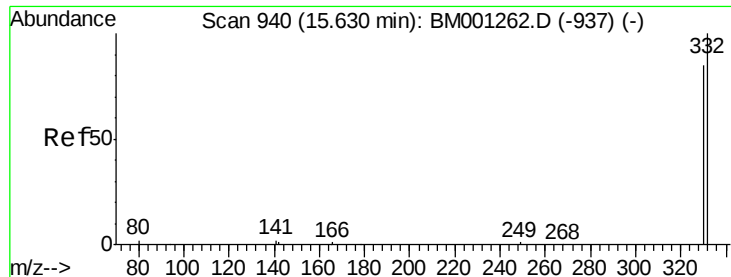
162 103.3 87.9 131.9

160 45.4 40.9 61.3



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

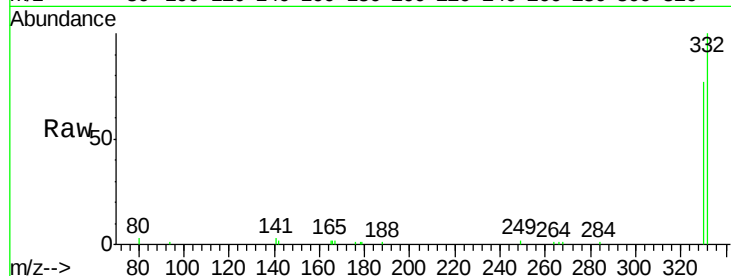




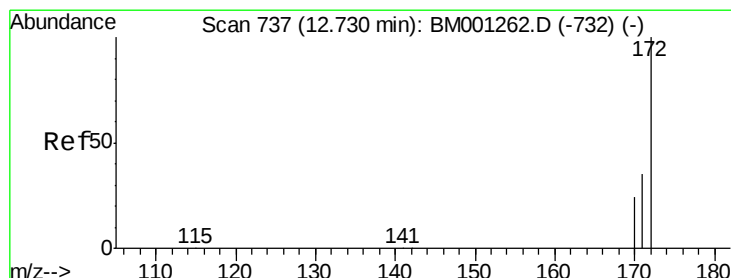
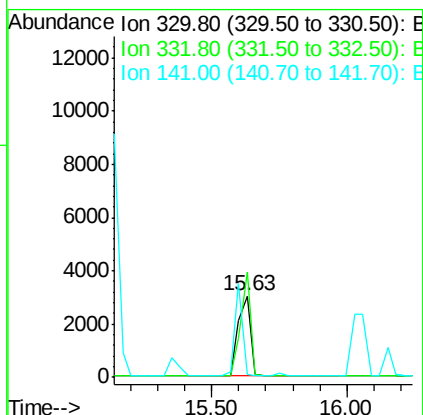
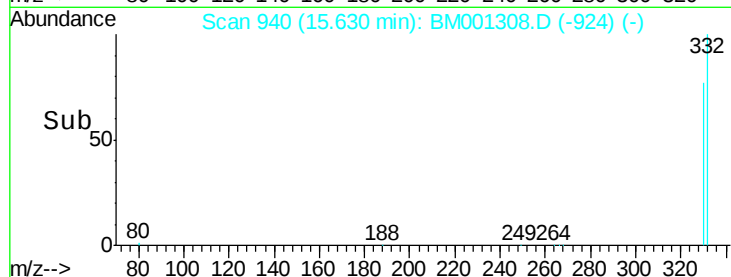
#13
 2,4,6-Tribromophenol
 Concen: 10.12 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB83363BSD

Tgt Ion:330 Resp: 9759
 Ion Ratio Lower Upper
 330 100
 332 103.8 89.0 133.4
 141 0.0 0.0 0.0

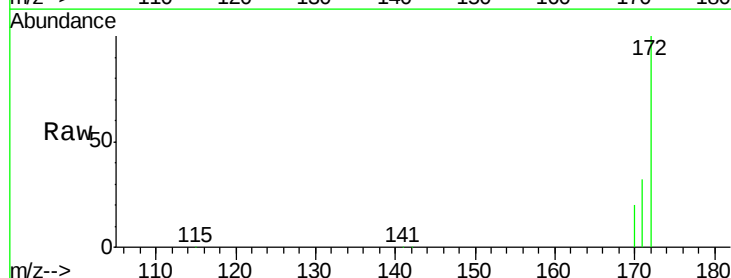


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

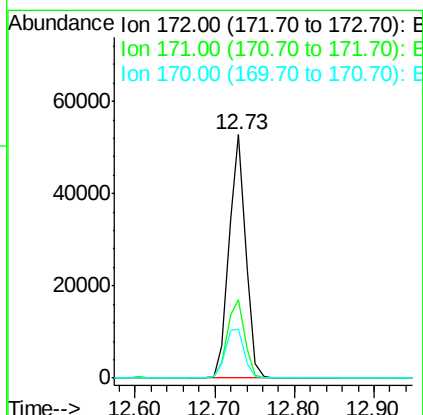
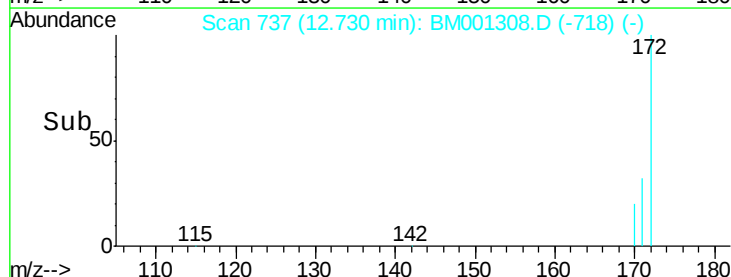


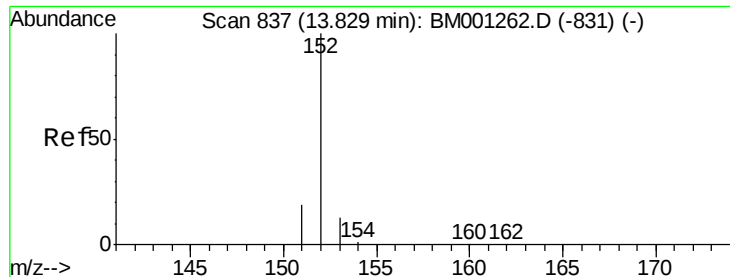
#14
 2-Fluorobiphenyl
 Concen: 8.72 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

Tgt Ion:172 Resp: 75964
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.7 43.1
 170 20.1 19.5 29.3



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: 8.96 ng

RT: 13.83 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

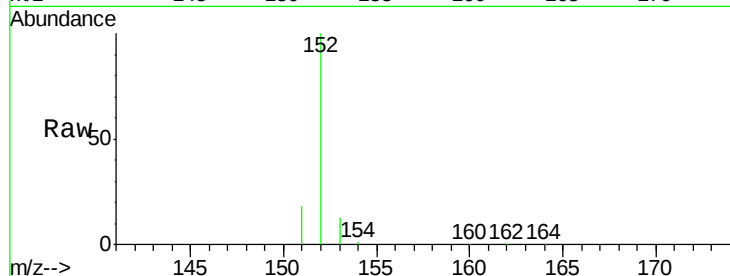
Tgt Ion:152 Resp: 103524

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.4

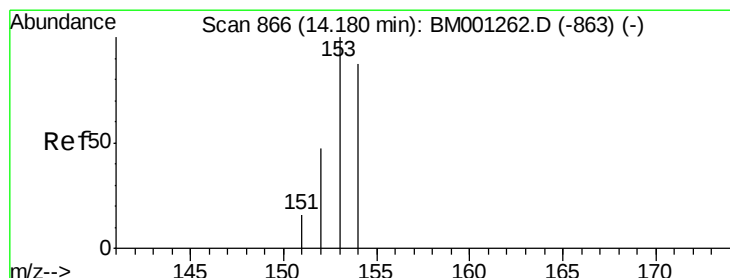
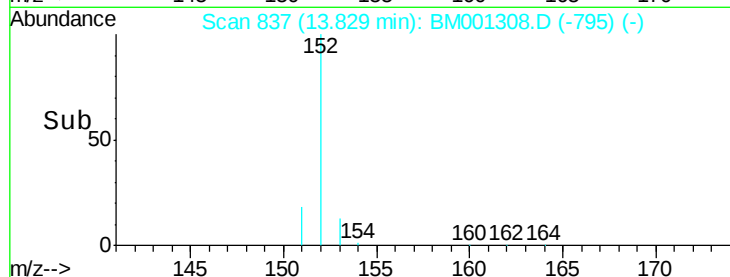
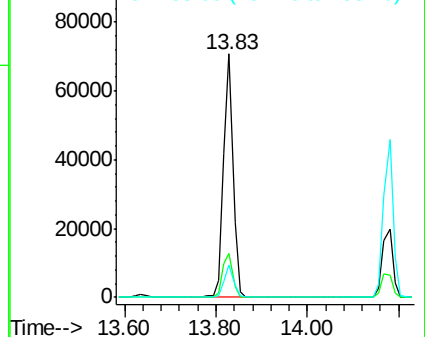
153 12.9 10.1 15.1



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



#16

Acenaphthene

Concen: 7.99 ng

RT: 14.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

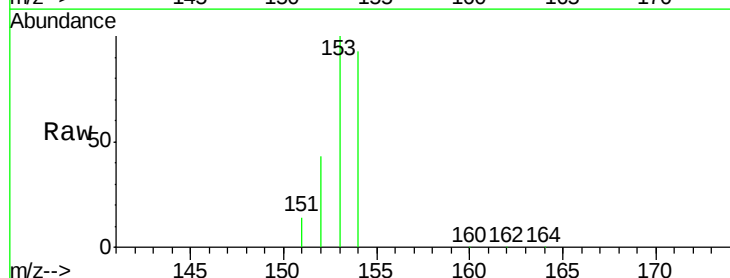
Tgt Ion:154 Resp: 59082

Ion Ratio Lower Upper

154 100

153 112.1 91.4 137.2

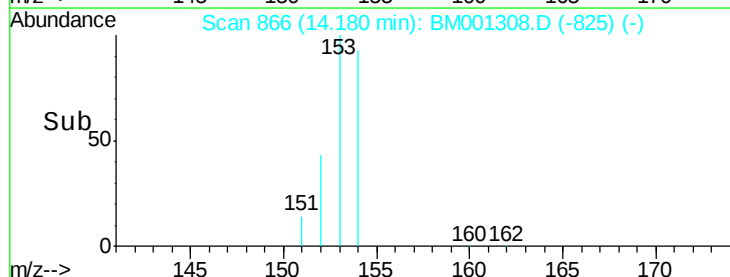
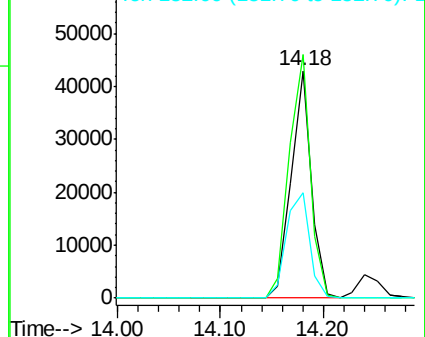
152 53.4 44.3 66.5

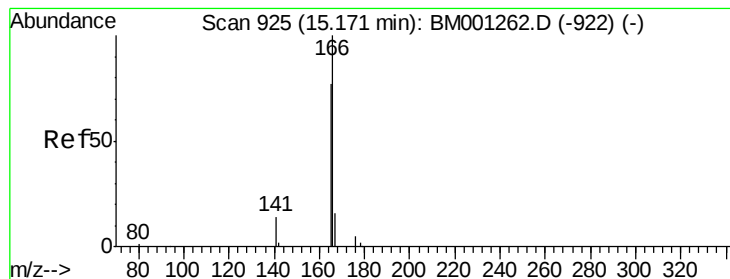


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 7.10 ng

RT: 15.14 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

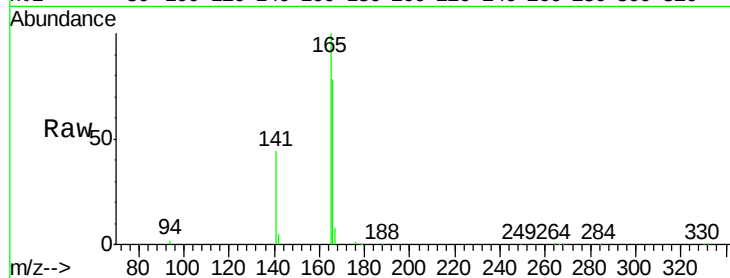
Tgt Ion:166 Resp: 47541

Ion Ratio Lower Upper

166 100

165 106.4 70.6 106.0#

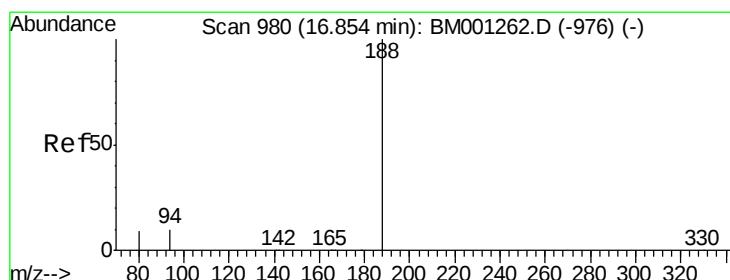
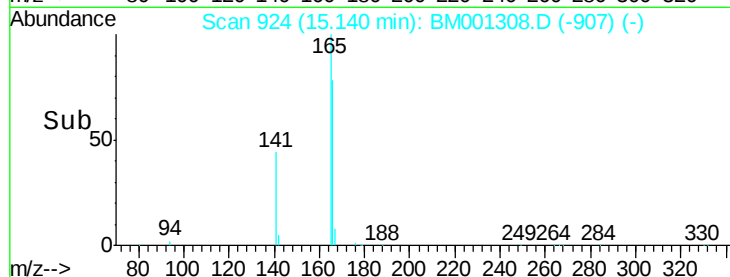
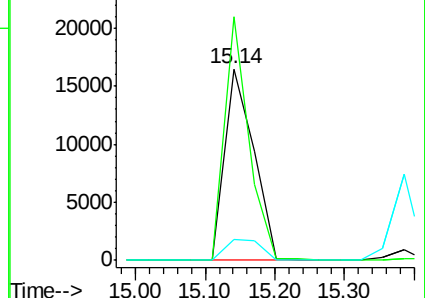
167 13.1 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

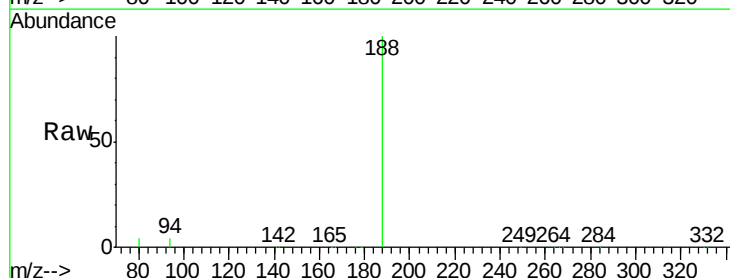
Tgt Ion:188 Resp: 78928

Ion Ratio Lower Upper

188 100

94 4.2 7.8 11.8#

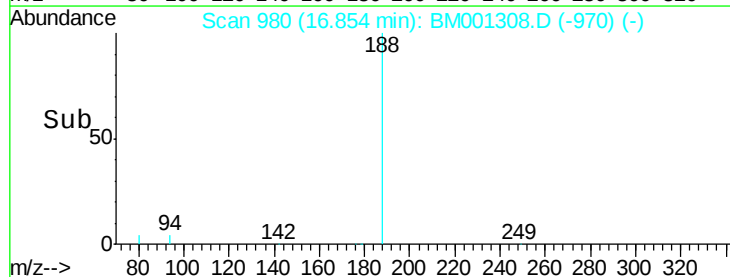
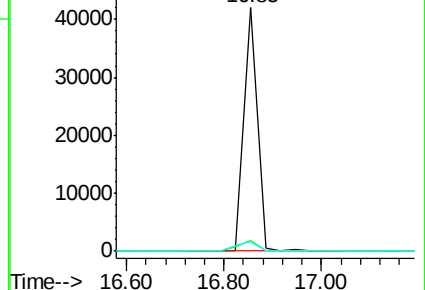
80 3.7 7.5 11.3#

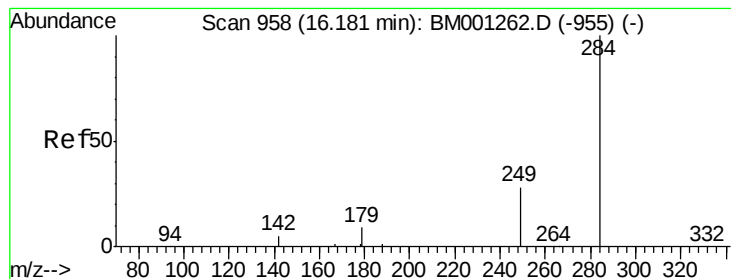


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 6.58 ng

RT: 16.18 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

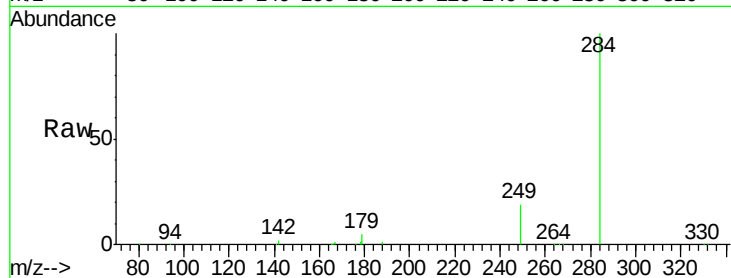
Tgt Ion:284 Resp: 33441

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

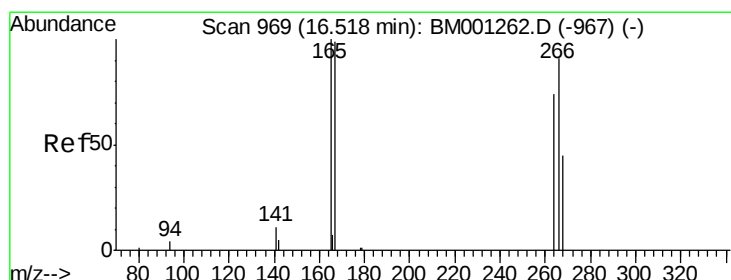
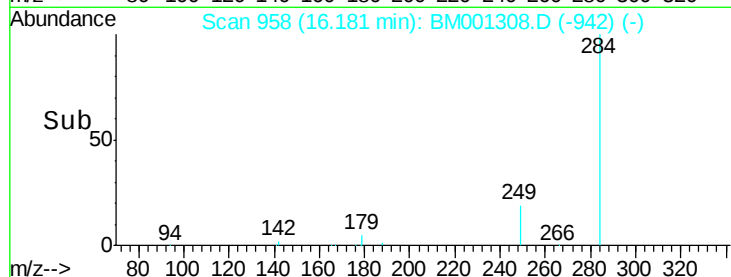
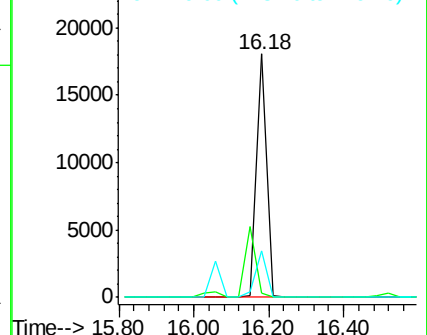
249 20.8 22.7 34.1#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 21.74 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

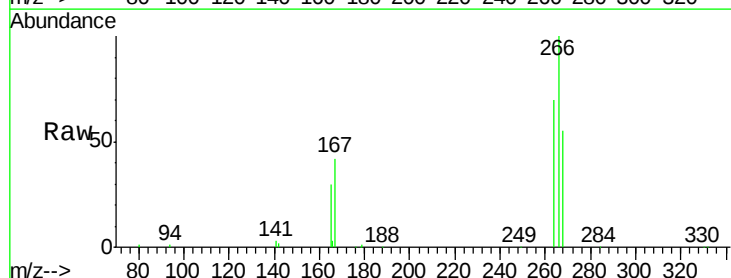
Tgt Ion:266 Resp: 33275

Ion Ratio Lower Upper

266 100

268 54.7 49.4 74.0

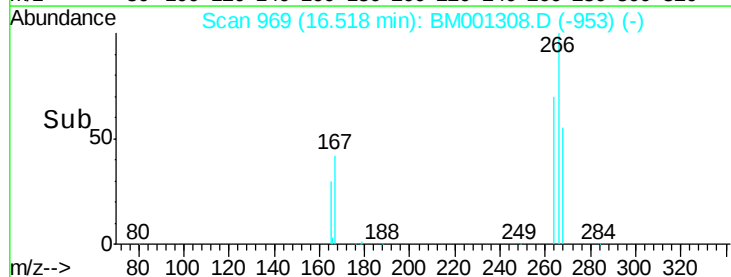
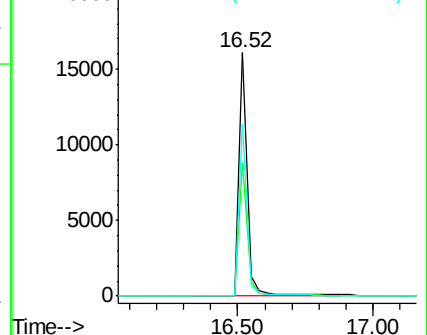
264 70.4 67.8 101.6

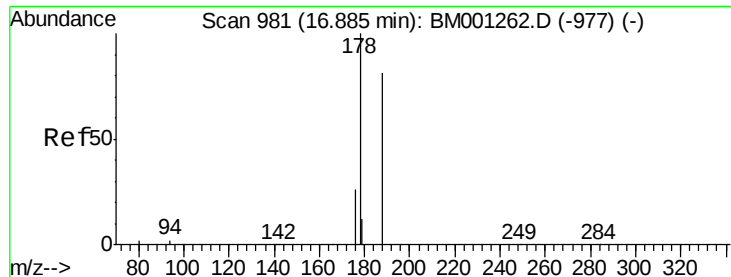


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

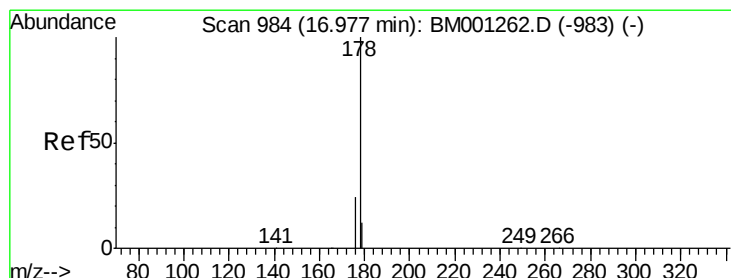
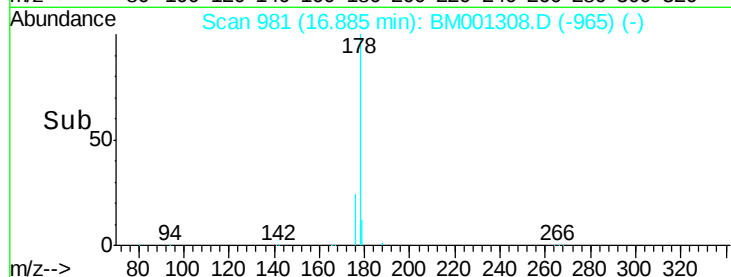
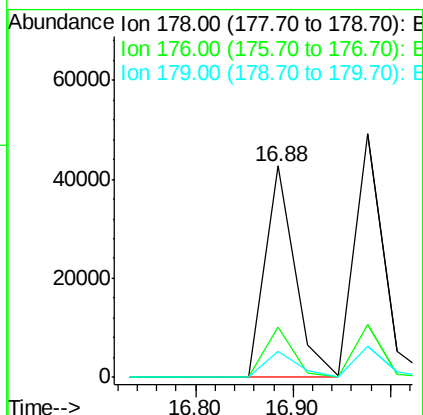
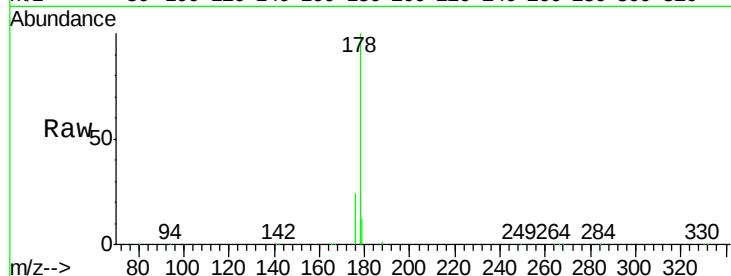




#21
Phenanthrene
Concen: 7.55 ng
RT: 16.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001308.D
Acq: 15 May 2015 00:56

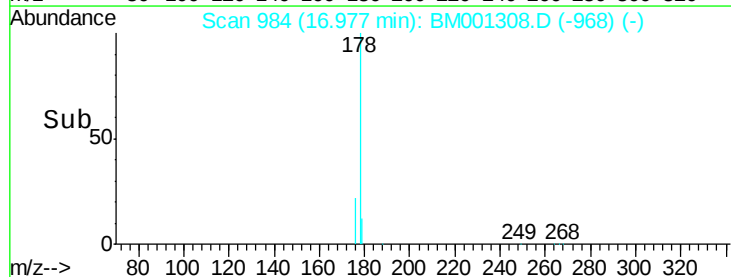
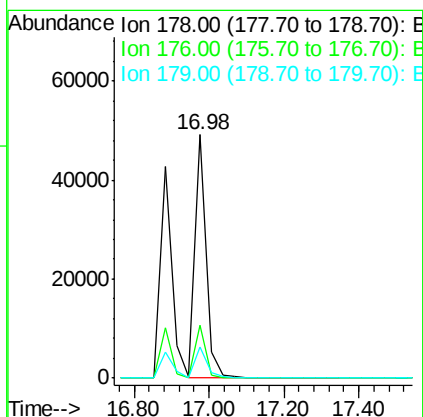
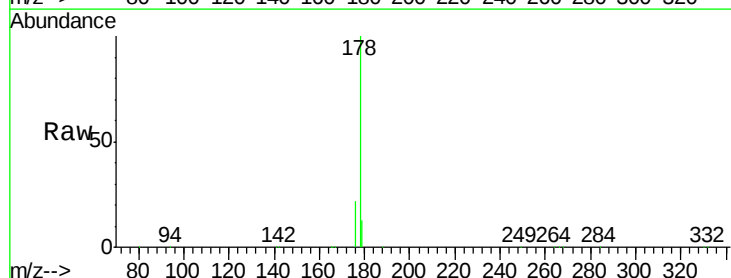
Instrument :
BNA_M
ClientSampleId :
PB83363BSD

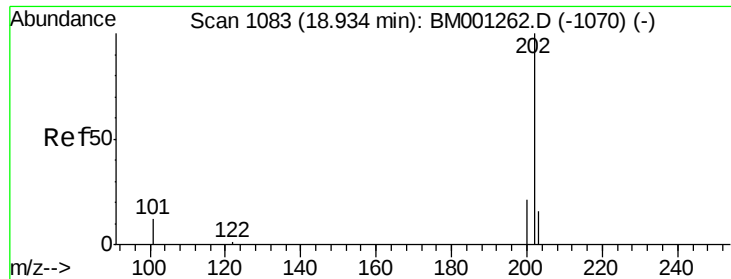
Tgt Ion:178 Resp: 90625
Ion Ratio Lower Upper
178 100
176 22.1 15.9 23.9
179 13.4 0.0 0.0#



#22
Anthracene
Concen: 8.69 ng
RT: 16.98 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM001308.D
Acq: 15 May 2015 00:56

Tgt Ion:178 Resp: 101624
Ion Ratio Lower Upper
178 100
176 20.9 15.3 22.9
179 13.6 0.0 0.0#





#23

Fluoranthene

Concen: 6.79 ng

RT: 18.93 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

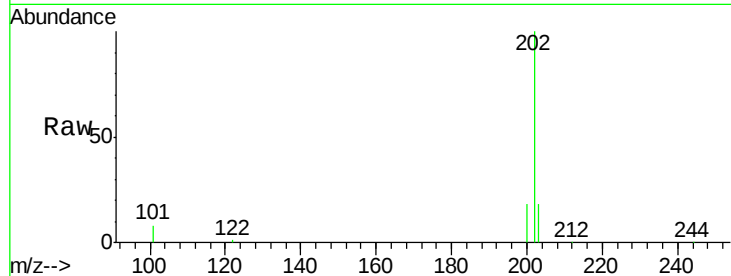
Instrument :

BNA_M

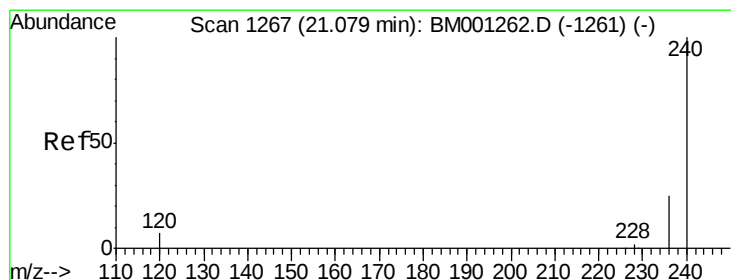
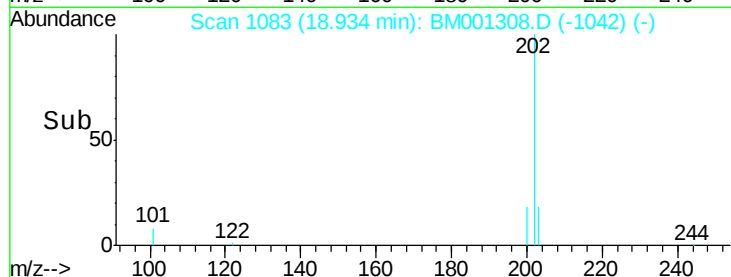
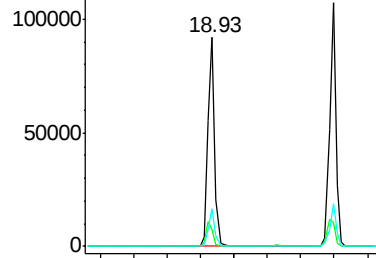
ClientSampleId :

PB83363BSD

Tgt Ion:	202	Resp:	127812
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
203	17.4	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

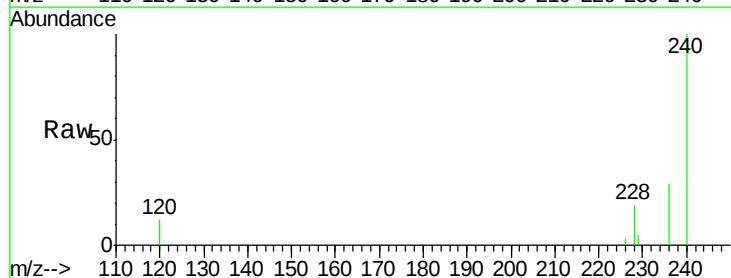
RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

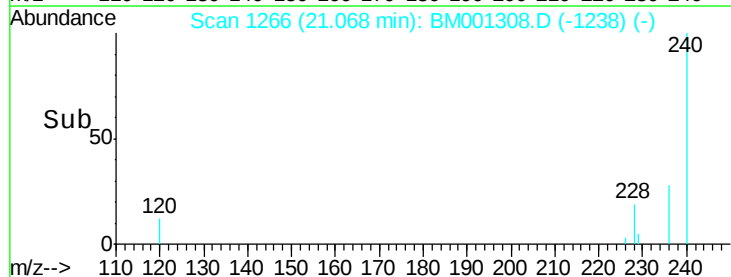
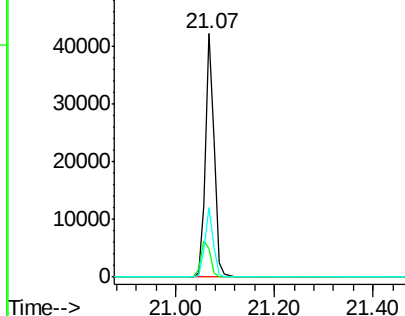
Lab File: BM001308.D

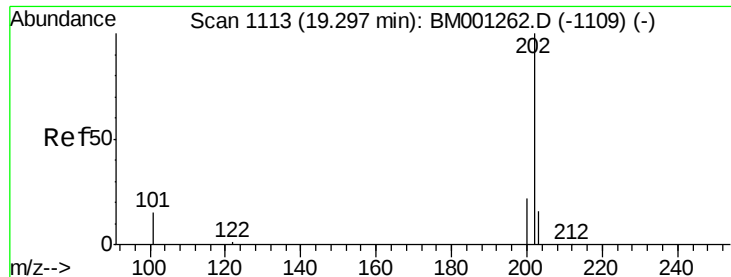
Acq: 15 May 2015 00:56

Tgt Ion:	240	Resp:	51905
Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	28.6	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

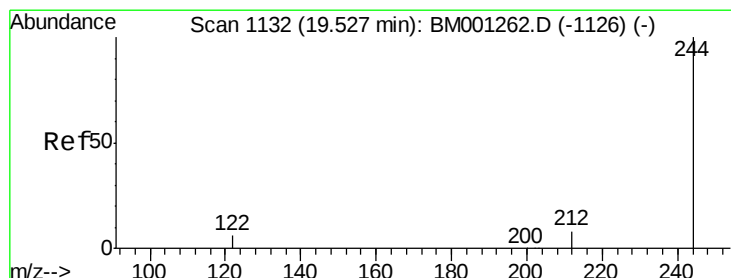
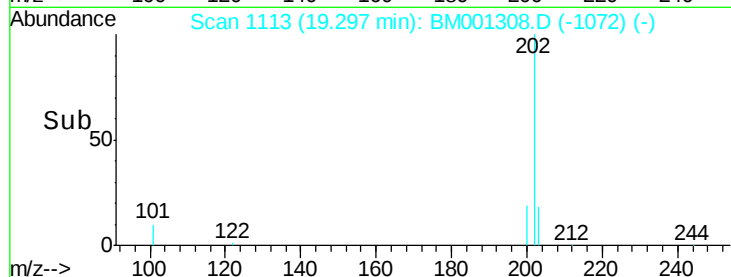
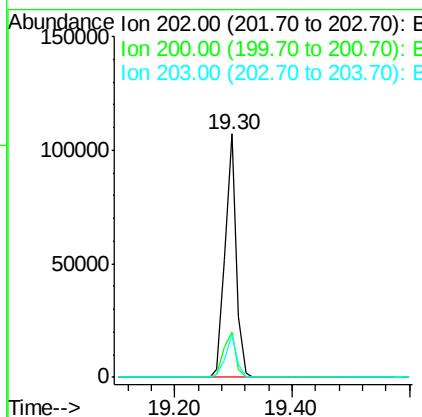
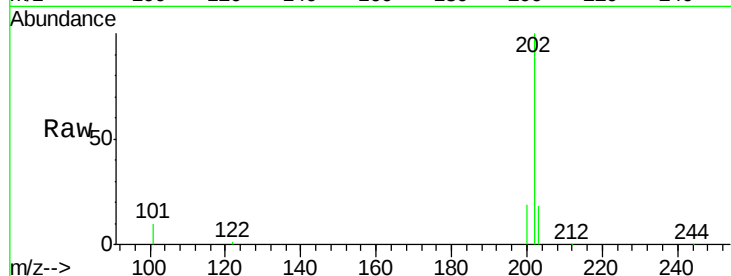




#25
 Pyrene
 Concen: 8.66 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

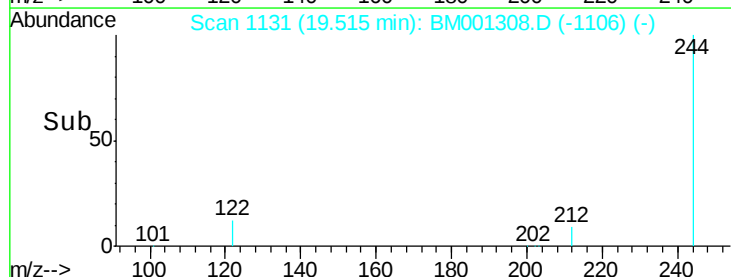
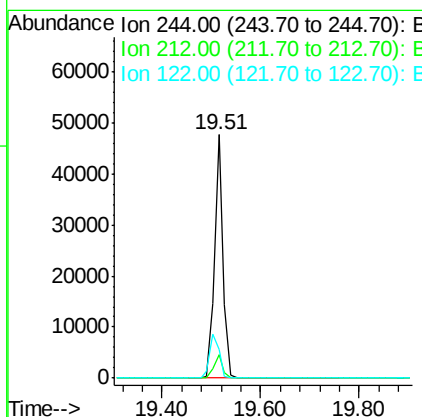
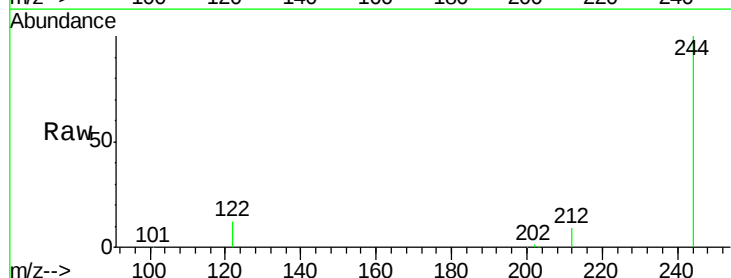
Instrument :
 BNA_M
 ClientSampleId :
 PB83363BSD

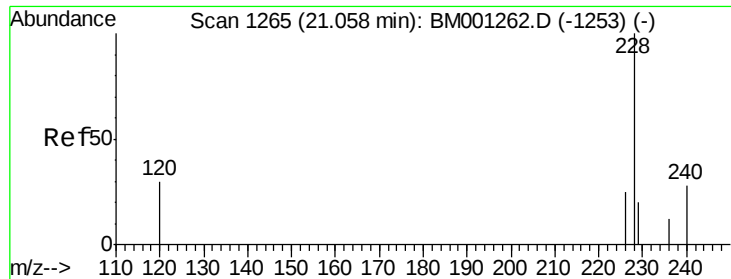
Tgt Ion: 202 Resp: 138889
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.4 24.6
 203 17.7 13.9 20.9



#26
 Terphenyl-d14
 Concen: 8.16 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001308.D
 Acq: 15 May 2015 00:56

Tgt Ion: 244 Resp: 56895
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.2 10.8
 122 12.0 5.6 8.4#

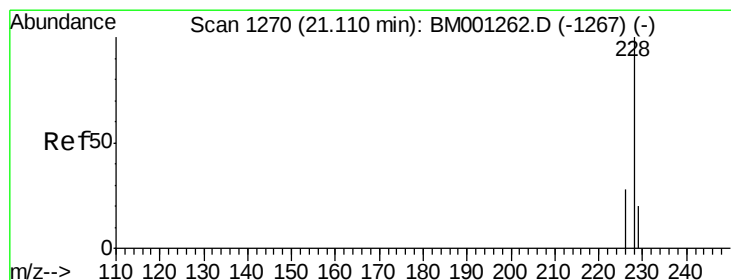
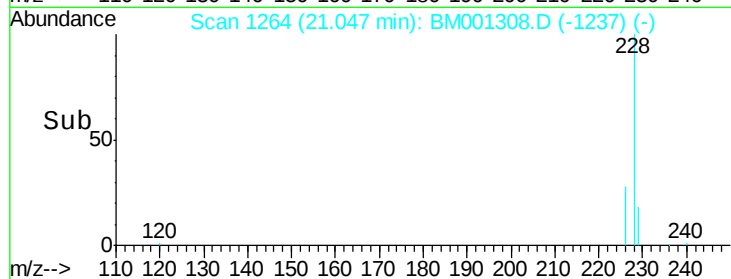
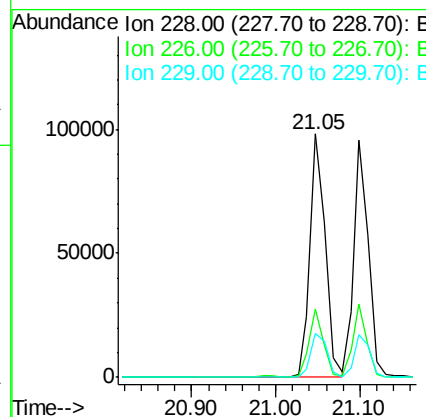
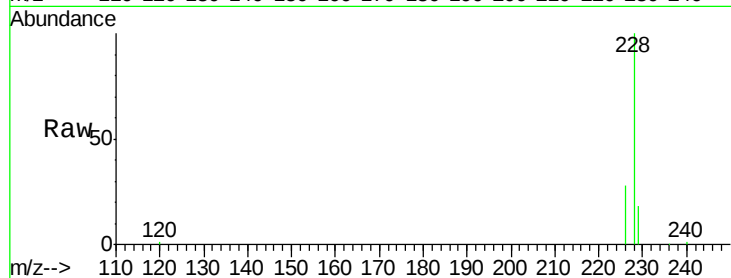




#27
Benzo(a)anthracene
Concen: 8.73 ng
RT: 21.05 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM001308.D
Acq: 15 May 2015 00:56

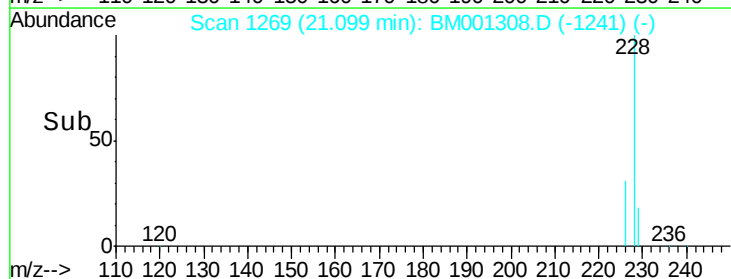
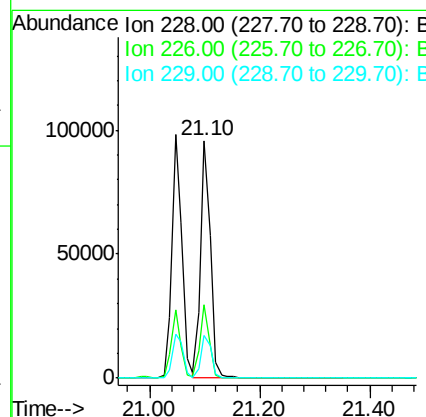
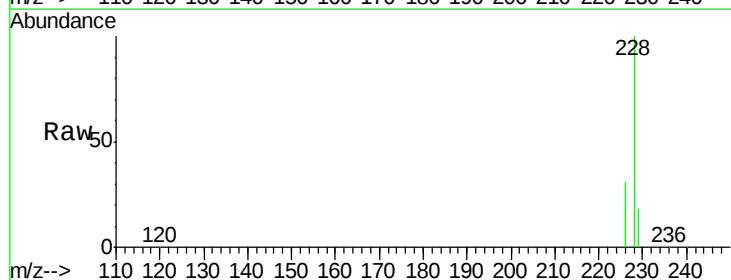
Instrument :
BNA_M
ClientSampleId :
PB83363BSD

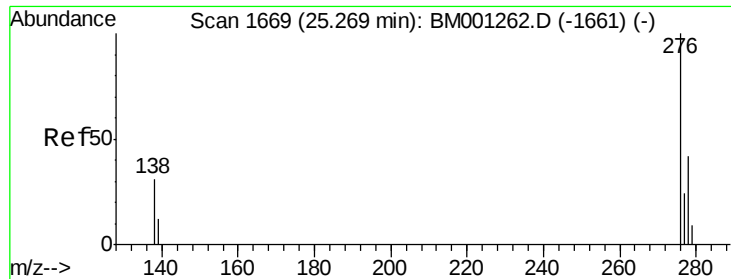
Tgt Ion:228 Resp: 123020
Ion Ratio Lower Upper
228 100
226 27.9 20.5 30.7
229 17.8 16.2 24.4



#28
Chrysene
Concen: 8.29 ng
RT: 21.10 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM001308.D
Acq: 15 May 2015 00:56

Tgt Ion:228 Resp: 118363
Ion Ratio Lower Upper
228 100
226 31.0 22.2 33.2
229 18.1 16.5 24.7





#29

Indeno(1,2,3-cd)pyrene

Concen: 9.08 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

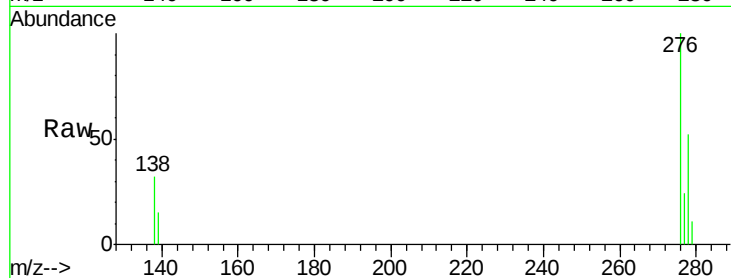
Tgt Ion: 276 Resp: 131869

Ion Ratio Lower Upper

276 100

138 32.1 24.9 37.3

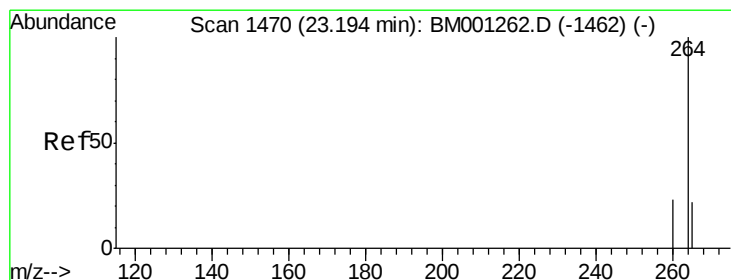
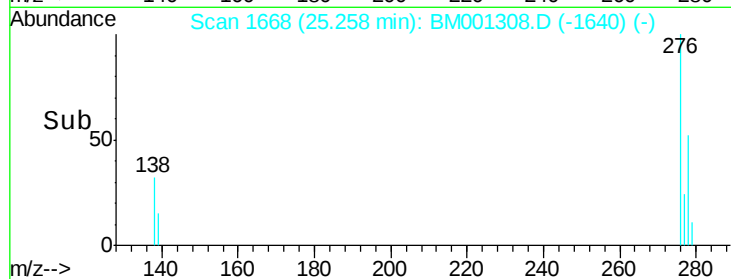
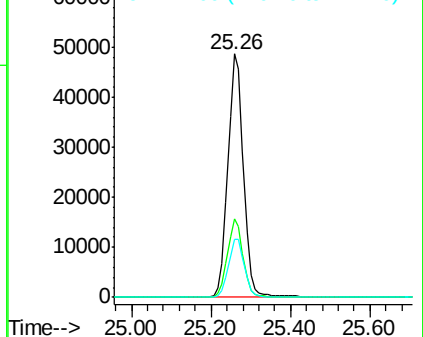
277 24.5 19.5 29.3



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. 0.00 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

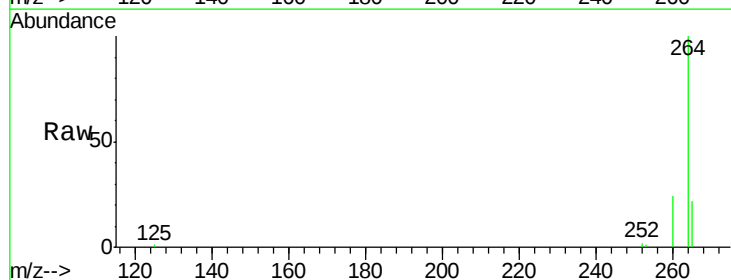
Tgt Ion: 264 Resp: 48069

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

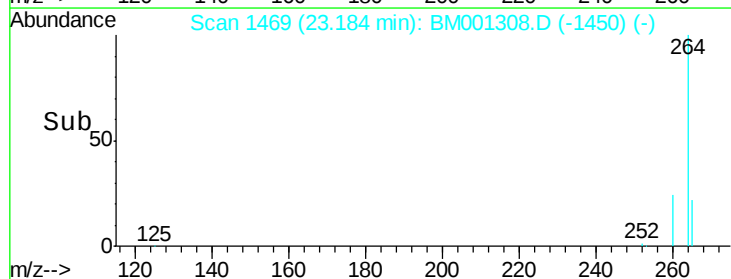
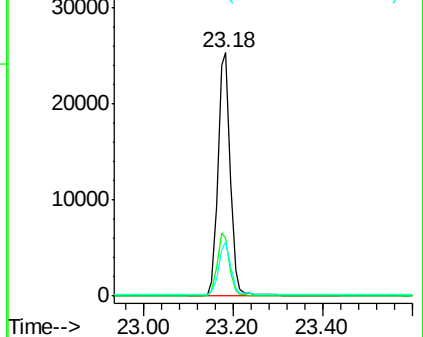
265 22.4 18.1 27.1

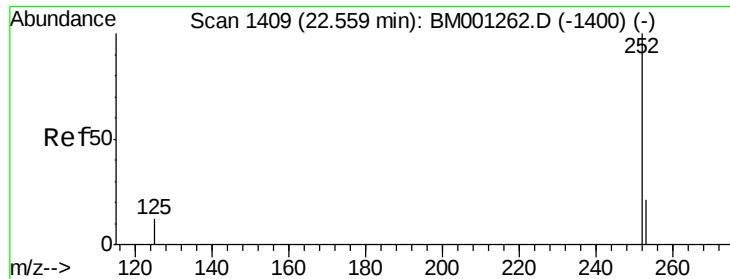


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 8.46 ng

RT: 22.55 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

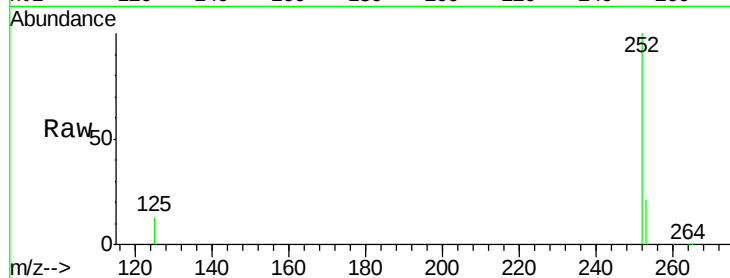
Tgt Ion:252 Resp: 119228

Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

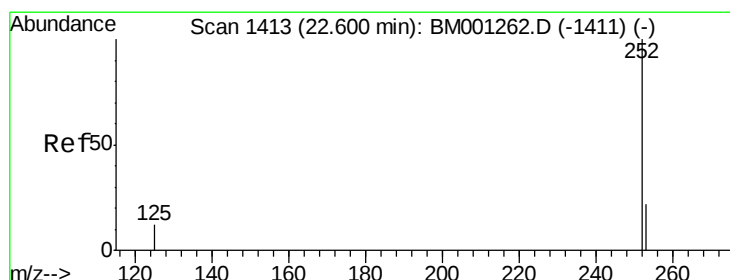
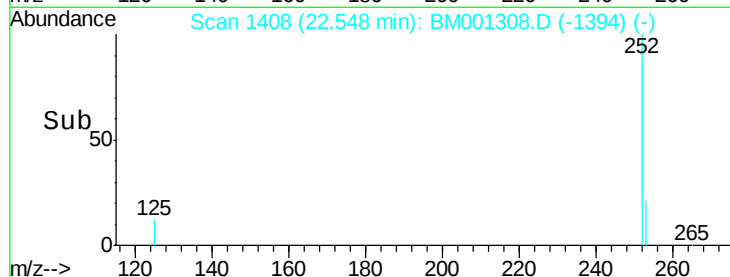
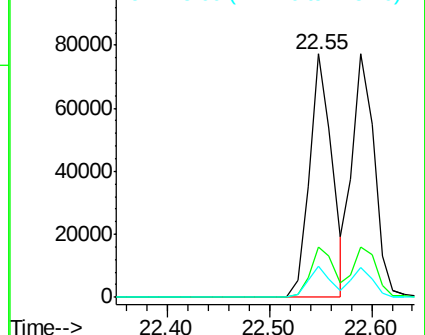
125 12.6 10.4 15.6



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: 8.78 ng

RT: 22.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

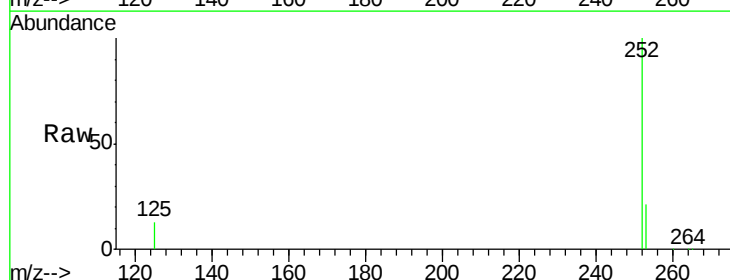
Tgt Ion:252 Resp: 117643

Ion Ratio Lower Upper

252 100

253 20.9 18.6 27.8

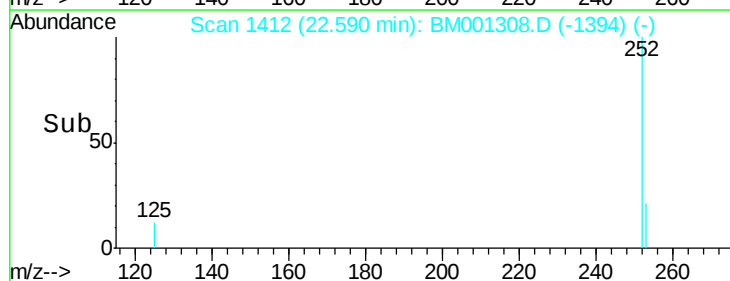
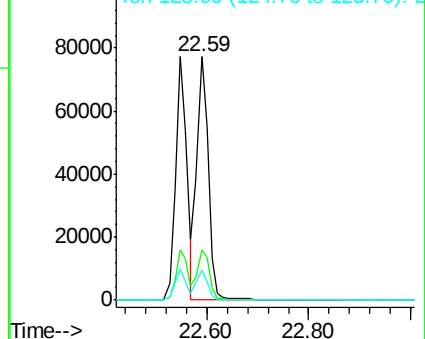
125 12.5 10.2 15.4

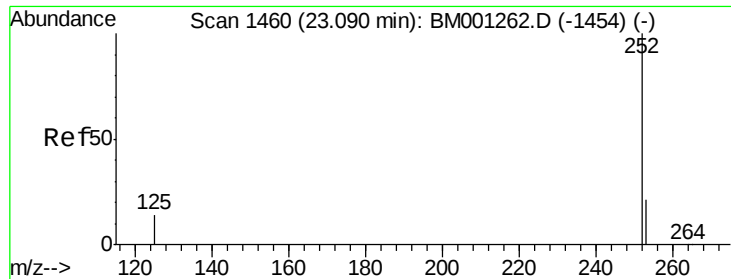


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 9.33 ng

RT: 23.08 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD

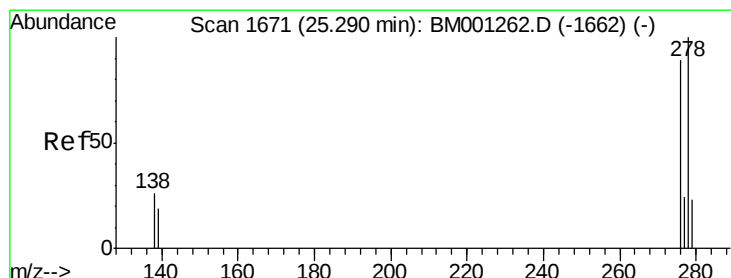
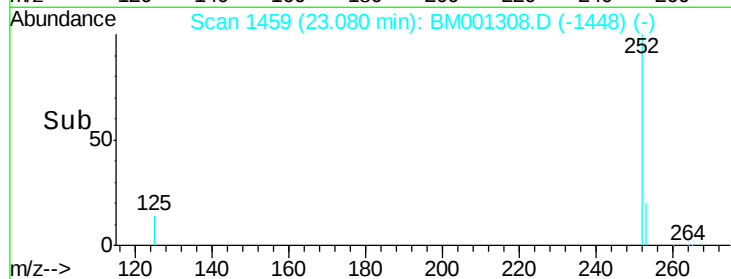
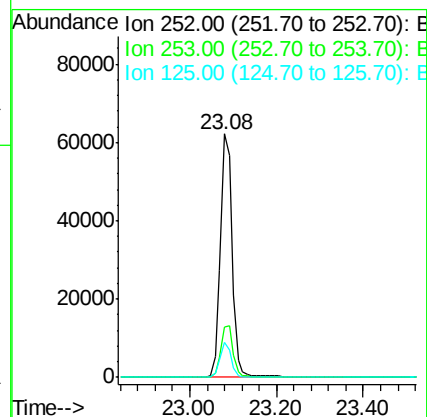
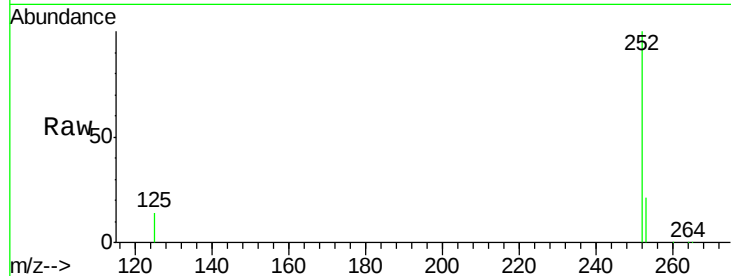
Tgt Ion: 252 Resp: 113798

Ion Ratio Lower Upper

252 100

253 20.5 18.3 27.5

125 14.4 12.2 18.2



#34

Dibenzo(a,h)anthracene

Concen: 9.24 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM001308.D

Acq: 15 May 2015 00:56

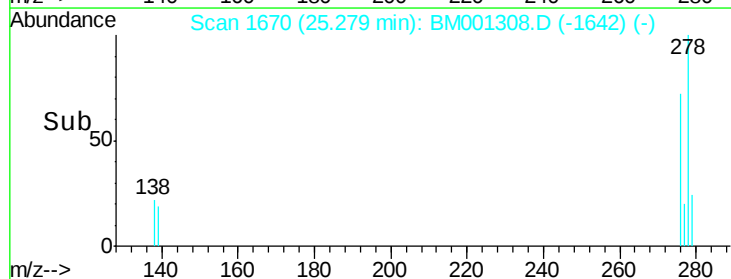
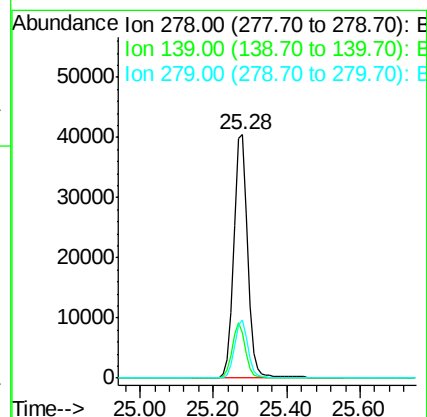
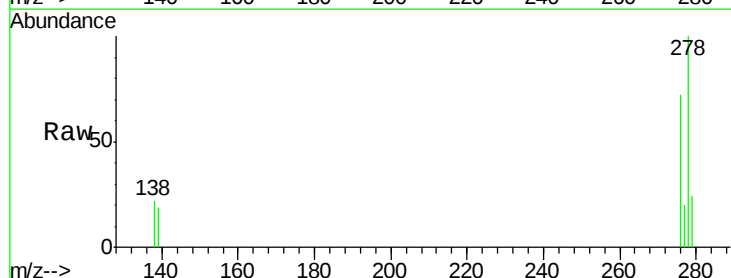
Tgt Ion: 278 Resp: 105906

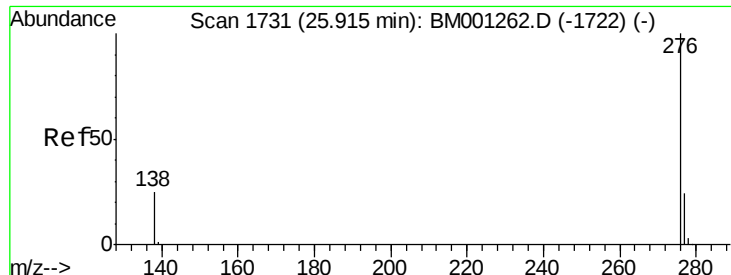
Ion Ratio Lower Upper

278 100

139 18.8 16.6 24.8

279 23.7 20.0 30.0





#35

Benzo(g,h,i)perylene

Concen: 8.94 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001308.D

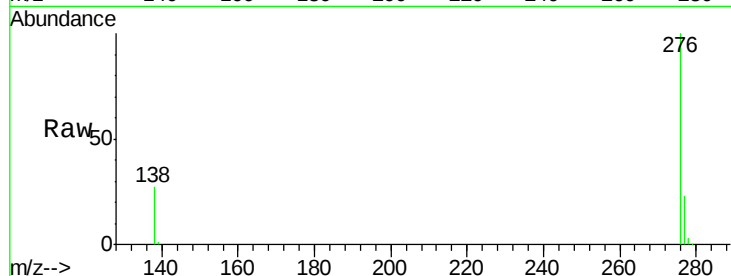
Acq: 15 May 2015 00:56

Instrument :

BNA_M

ClientSampleId :

PB83363BSD



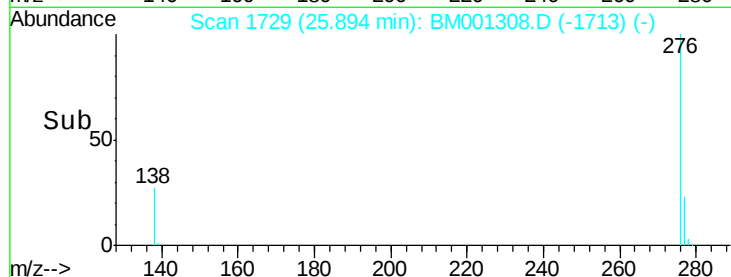
Tgt Ion: 276 Resp: 112510

Ion Ratio Lower Upper

276 100

277 23.2 19.9 29.9

138 27.3 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

