

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001400.D
 Acq On : 23 May 2015 02:50
 Operator : TP/IZ
 Sample : G2255-20DL 25X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-150518DL

Quant Time: May 25 08:24:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	11474	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	42468	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	23719	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	79904	5.00	ng	0.00
25) Chrysene-d12	21.04	240	50940	5.00	ng	0.00
32) Perylene-d12	23.13	264	47507	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.71	112	49265	21.73	ng	-0.28
5) Phenol-d6	6.60	99	2394	0.91	ng	0.00
7) Nitrobenzene-d5	8.55	82	926	0.38	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	302	0.41	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	2495	0.34	ng	0.00
27) Terphenyl-d14	19.48	244	2160	0.31	ng	-0.01

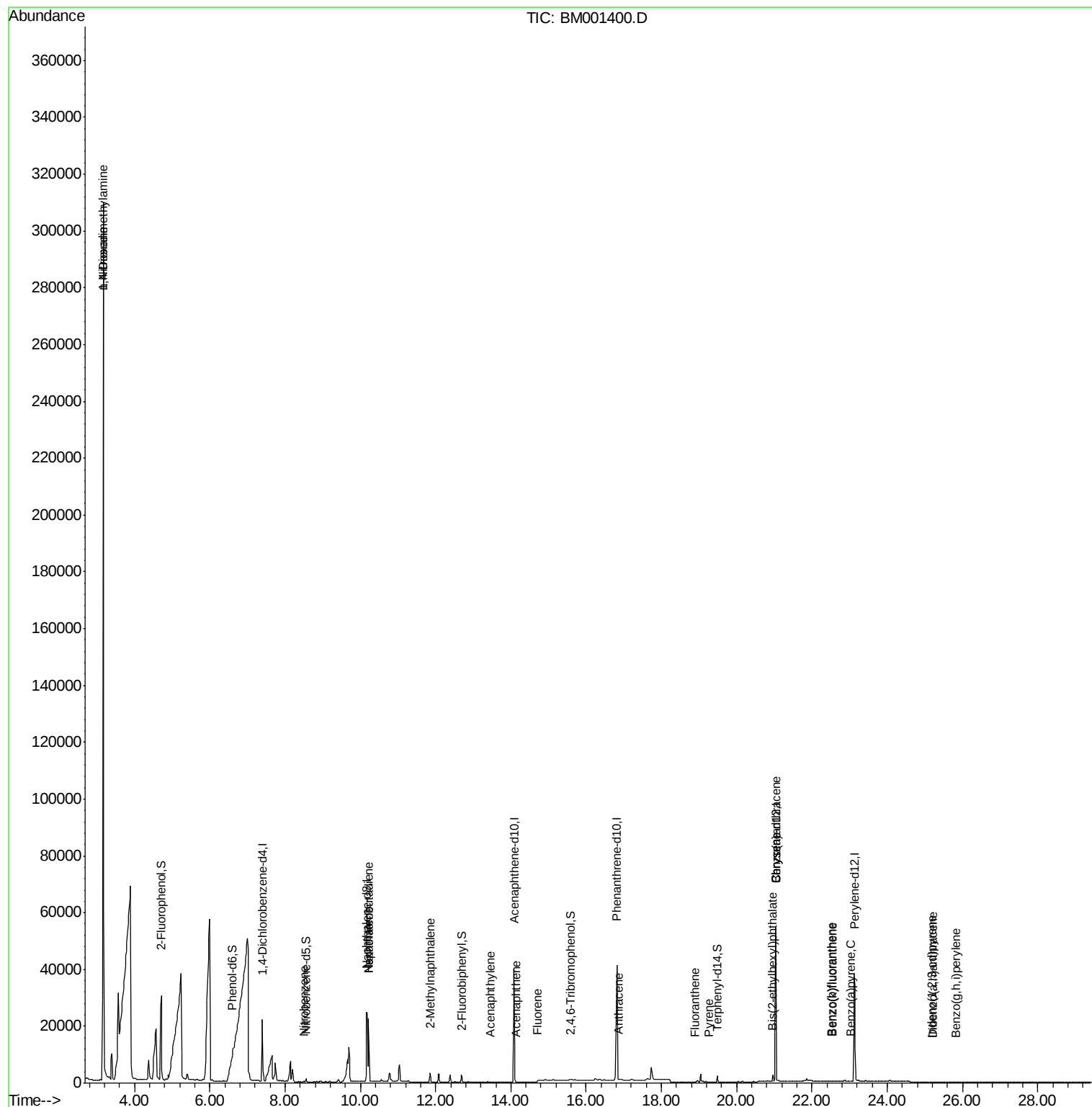
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	568	0.43	ng	# 1
3) n-Nitrosodimethylamine	3.17	42	20397	13.91	ng	# 7
8) Nitrobenzene	8.50	77	452	0.17	ng	# 31
9) Naphthalene	10.22	128	30962	3.43	ng	# 99
10) Hexachlorobutadiene	10.22	225	32	0.02	ng	# 25
11) 2-Methylnaphthalene	11.86	142	2220	0.36	ng	# 96
15) Acenaphthylene	13.44	152	314	0.03	ng	# 1
16) Acenaphthene	14.14	154	14	0.00	ng	# 71
17) Fluorene	14.71	166	214	0.08	ng	# 1
20) Hexachlorobenzene	16.41	284	2	Below Cal		# 37
21) Pentachlorophenol	16.48	266	65	Below Cal		# 73
22) Phenanthrene	16.85	178	94	Below Cal		# 74
23) Anthracene	16.85	178	94	0.01	ng	# 64
24) Fluoranthene	18.90	202	17	0.00	ng	# 65
26) Pyrene	19.26	202	24	0.00	ng	# 55
28) Benzo(a)anthracene	21.04	228	192	0.01	ng	# 42
29) Chrysene	21.04	228	192	0.01	ng	# 54
30) Bis(2-ethylhexyl)phthalate	20.96	149	2216	0.27	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.18	276	50	0.00	ng	# 69
33) Benzo(b)fluoranthene	22.51	252	41	0.00	ng	# 1
34) Benzo(k)fluoranthene	22.55	252	26	0.00	ng	# 1
35) Benzo(a)pyrene	23.03	252	32	0.00	ng	# 1
36) Dibenzo(a,h)anthracene	25.20	278	46	0.00	ng	# 1
37) Benzo(g,h,i)perylene	25.82	276	45	0.00	ng	# 1

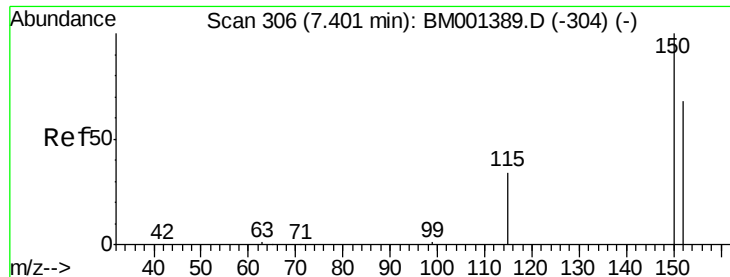
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
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QLast Update : Sat May 23 04:45:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

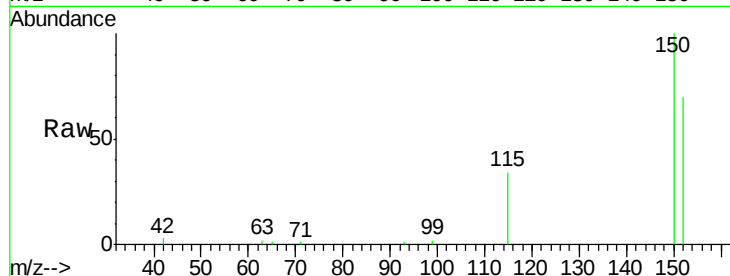
Tgt Ion:152 Resp: 11474

Ion Ratio Lower Upper

152 100

150 143.5 119.0 178.6

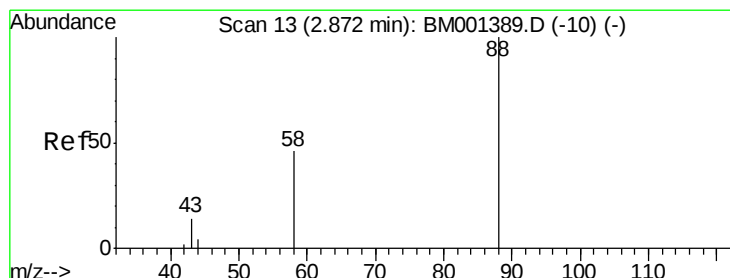
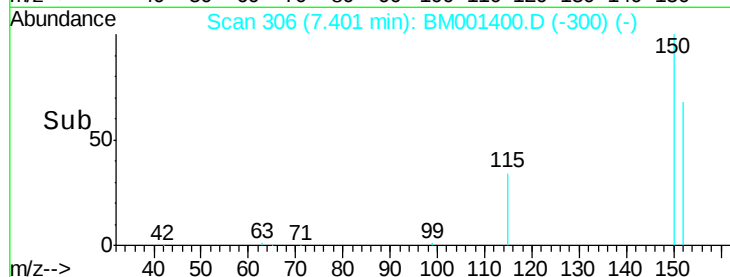
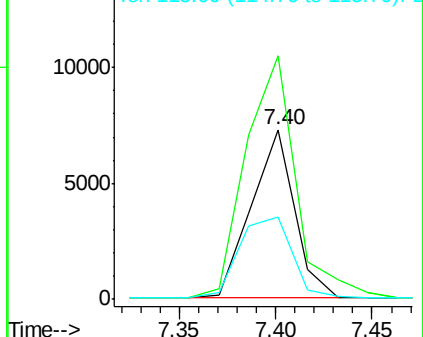
115 48.9 41.8 62.8



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: 0.43 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.29 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

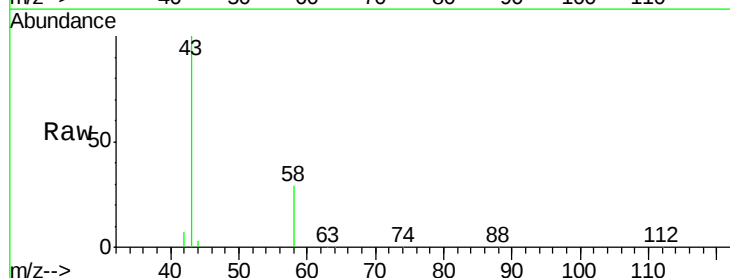
Tgt Ion: 88 Resp: 568

Ion Ratio Lower Upper

88 100

58 14772.0 71.3 106.9#

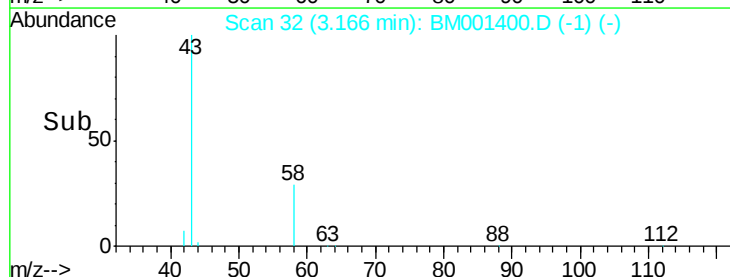
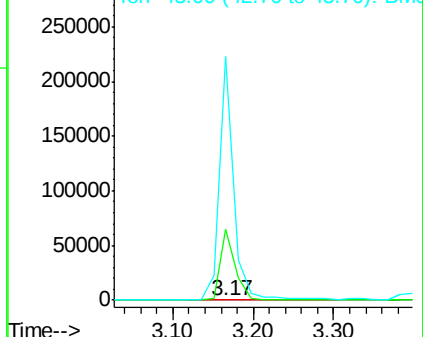
43 48776.8 35.5 53.3#

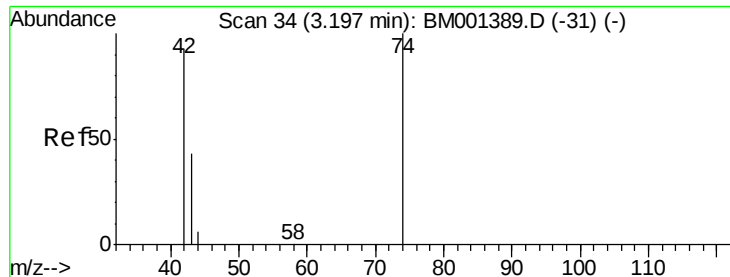


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 13.91 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.03 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

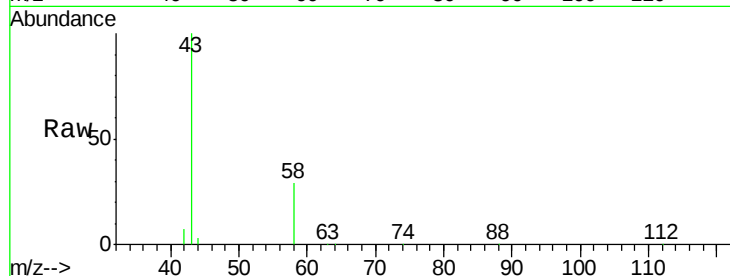
Tgt Ion: 42 Resp: 20397

Ion Ratio Lower Upper

42 100

74 1.1 72.2 108.2#

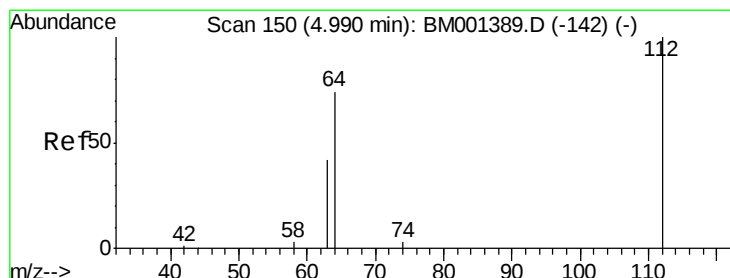
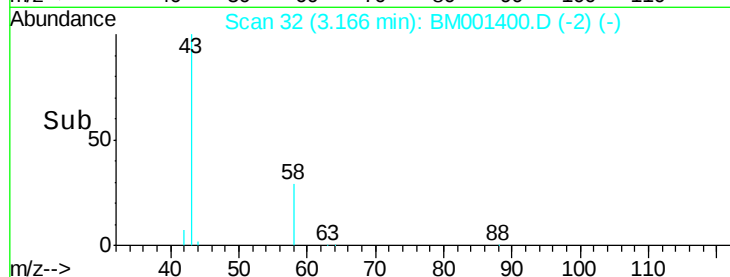
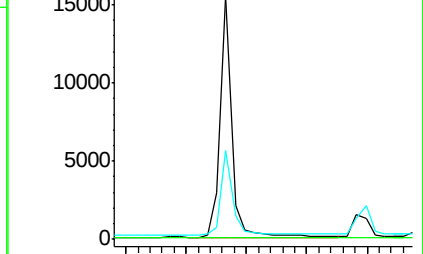
44 34.7 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001389.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001389.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001389.D (-31) (-)



#4

2-Fluorophenol

Concen: 21.73 ng

RT: 4.71 min Scan# 132

Delta R.T. -0.28 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

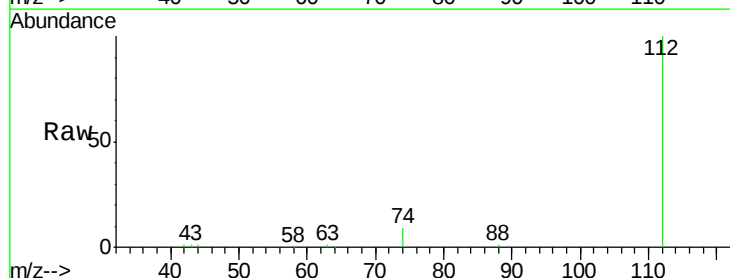
Tgt Ion: 112 Resp: 49265

Ion Ratio Lower Upper

112 100

64 0.2 51.7 77.5#

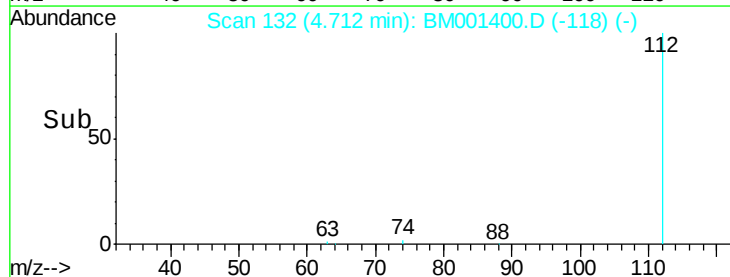
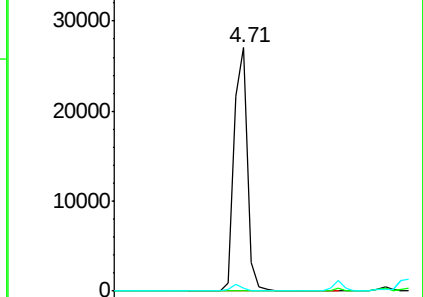
63 2.0 29.7 44.5#

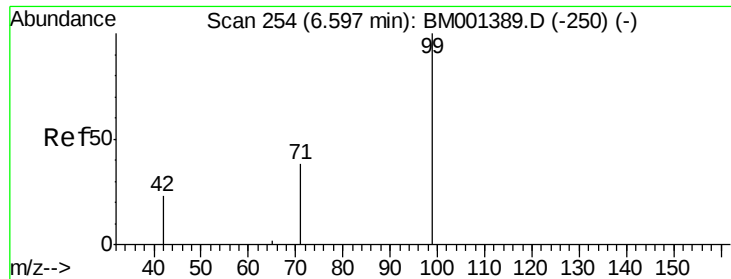


Abundance Ion 112.00 (111.70 to 112.70): BM001389.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001389.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001389.D (-142) (-)





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

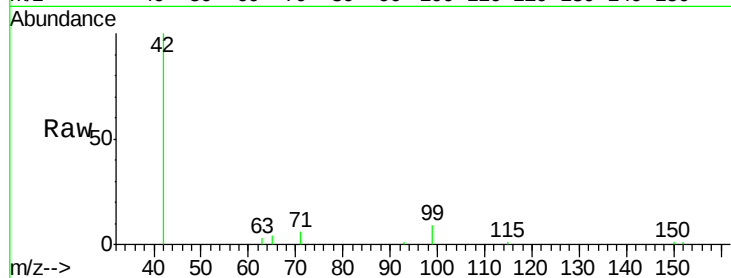
Tgt Ion: 99 Resp: 2394

Ion Ratio Lower Upper

99 100

42 0.0 21.8 32.6#

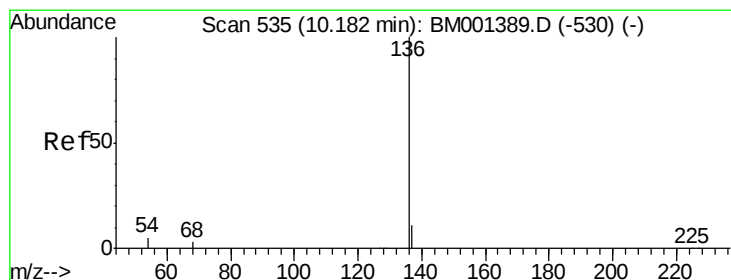
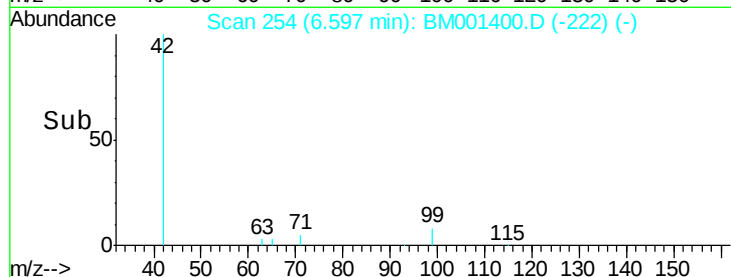
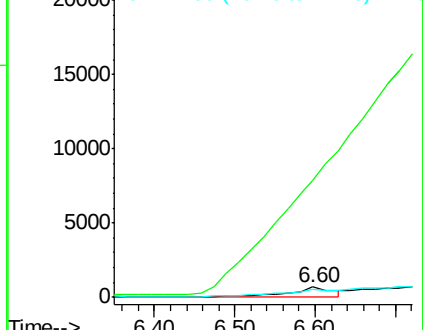
71 77.6 29.2 43.8#



Abundance Ion 99.00 (98.70 to 99.70): BM001400.D (-222) (-)

Ion 42.00 (41.70 to 42.70): BM001400.D (-222) (-)

Ion 71.00 (70.70 to 71.70): BM001400.D (-222) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Tgt Ion: 136 Resp: 42468

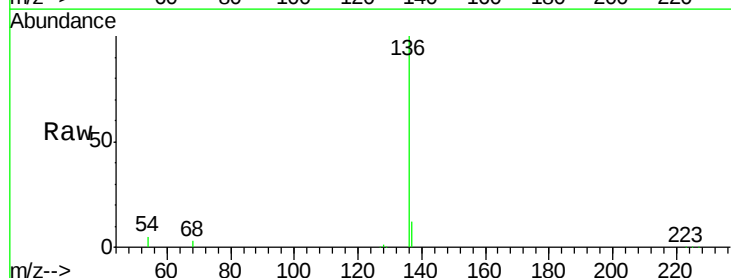
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 4.8 4.3 6.5

68 3.1 2.6 4.0

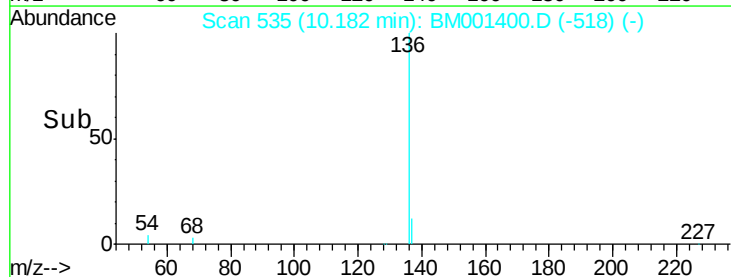
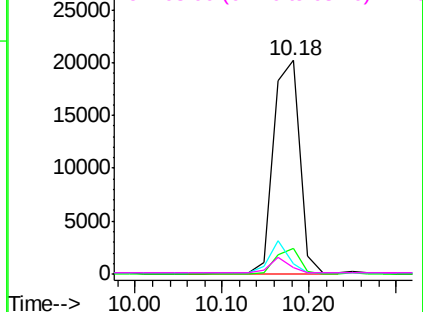


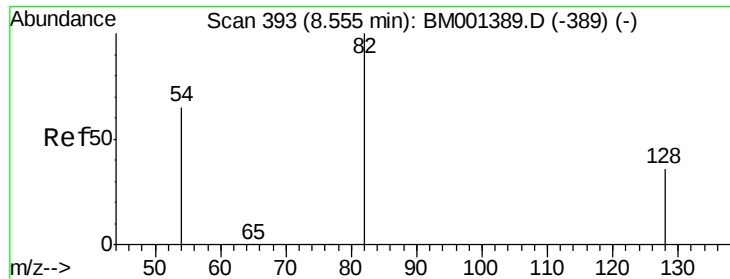
Abundance Ion 136.00 (135.70 to 136.70): BM001400.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001400.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001400.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001400.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

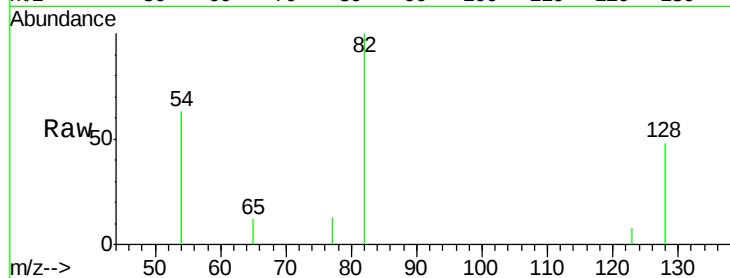
Tgt Ion: 82 Resp: 926

Ion Ratio Lower Upper

82 100

128 48.0 30.2 45.4#

54 63.3 52.9 79.3

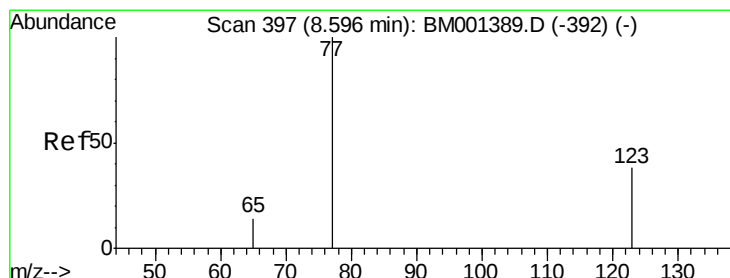
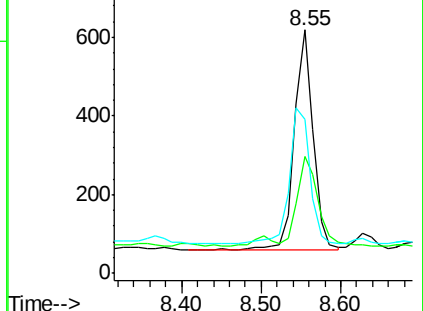
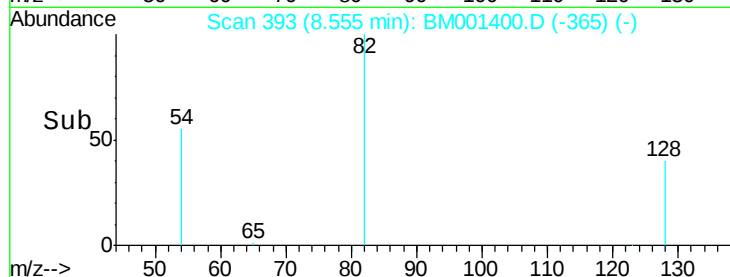


Abundance Ion 82.00 (81.70 to 82.70): BM001389.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001389.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001389.D (-389) (-)

Time-->



#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.50 min Scan# 388

Delta R.T. -0.09 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

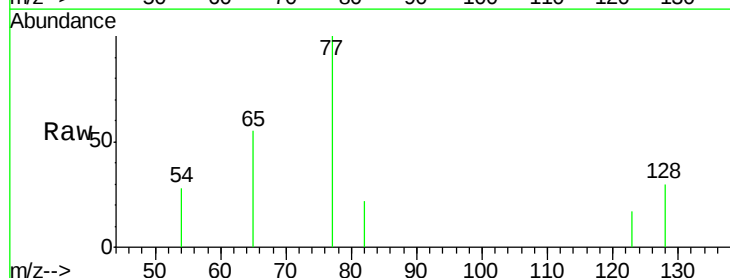
Tgt Ion: 77 Resp: 452

Ion Ratio Lower Upper

77 100

123 0.0 33.7 50.5#

65 44.7 11.3 16.9#

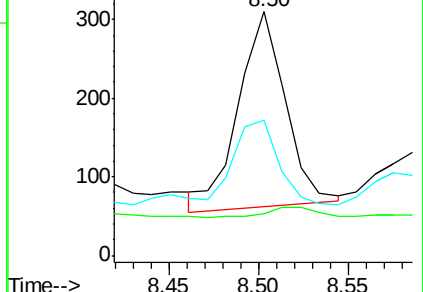
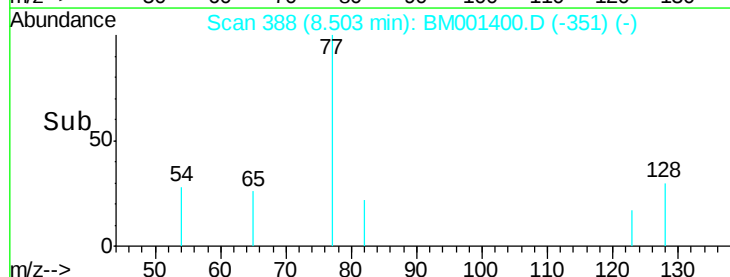


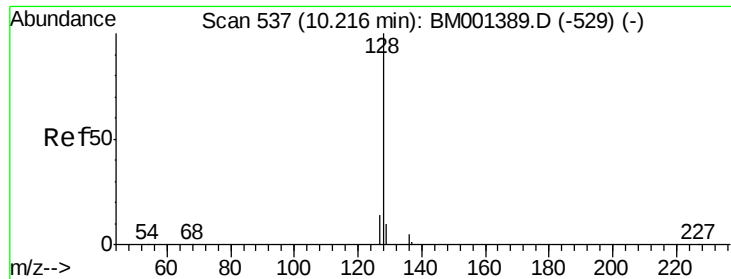
Abundance Ion 77.00 (76.70 to 77.70): BM001389.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001389.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001389.D (-392) (-)

Time-->

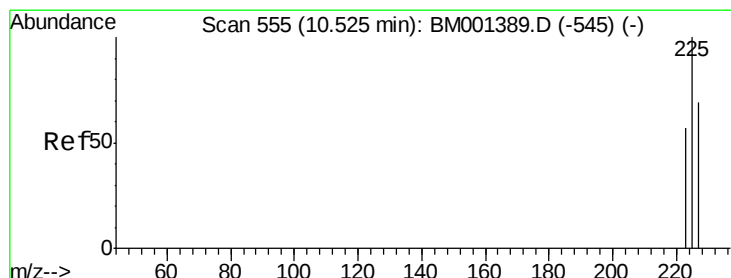
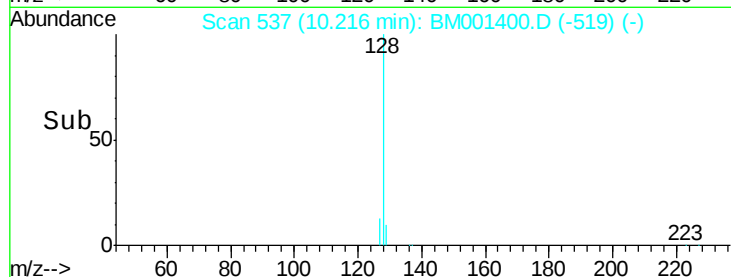
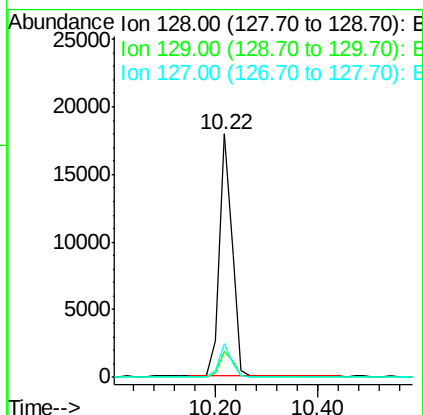
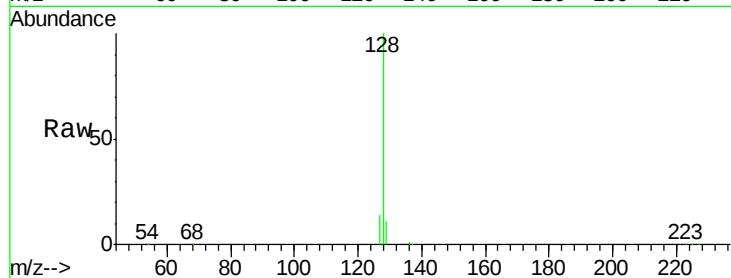




#9
Naphthalene
Concen: 3.43 ng
RT: 10.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BM001400.D
Acq: 23 May 2015 02:50

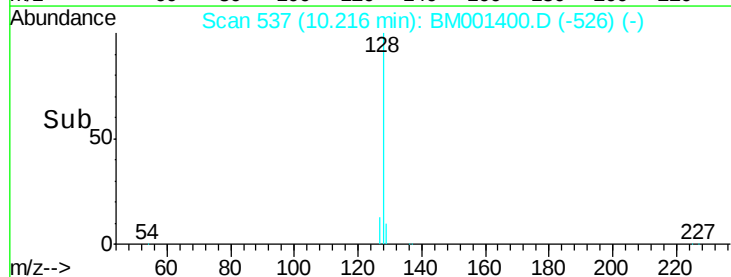
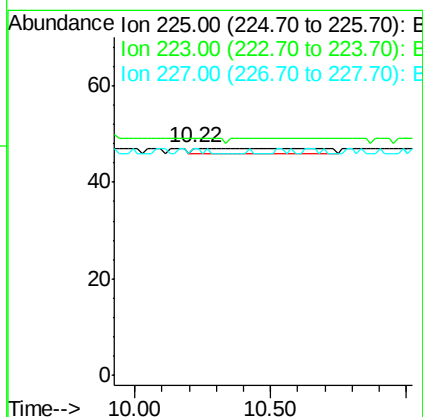
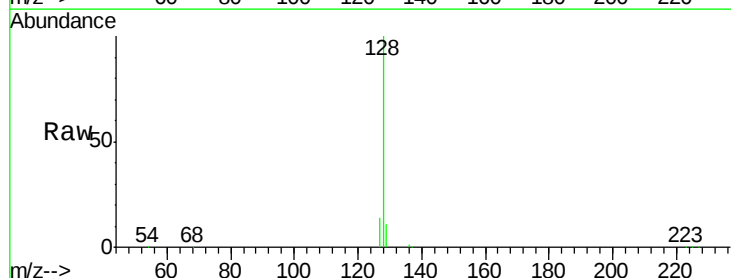
Instrument :
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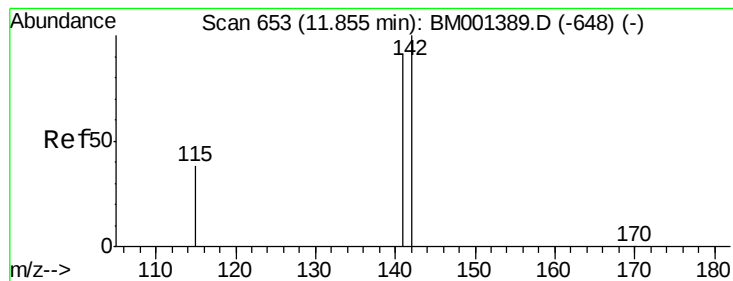
Tgt Ion:128 Resp: 30962
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.7 11.7 17.5



#10
Hexachlorobutadiene
Concen: 0.02 ng
RT: 10.22 min Scan# 537
Delta R.T. -0.31 min
Lab File: BM001400.D
Acq: 23 May 2015 02:50

Tgt Ion:225 Resp: 32
Ion Ratio Lower Upper
225 100
223 0.0 50.2 75.2#
227 9.4 51.1 76.7#





#11

2-Methylnaphthalene

Concen: 0.36 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

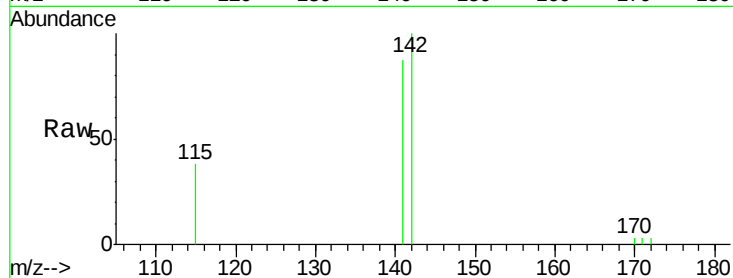
Tgt Ion:142 Resp: 2220

Ion Ratio Lower Upper

142 100

141 86.7 72.6 109.0

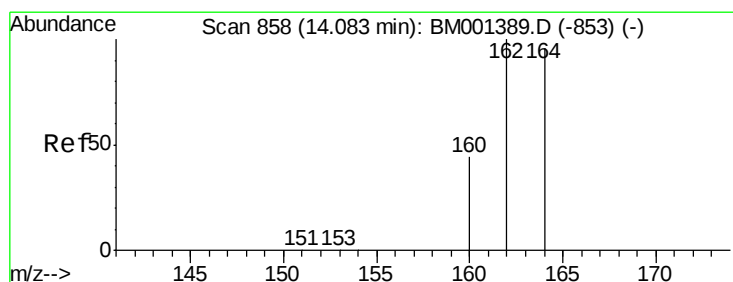
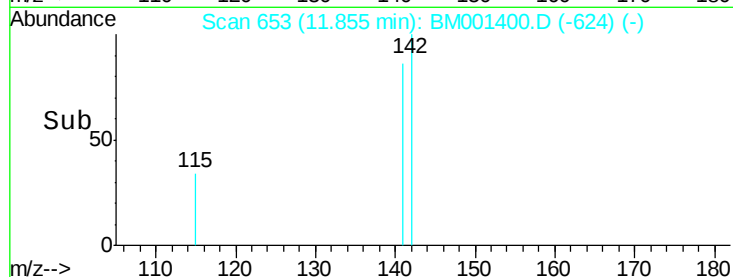
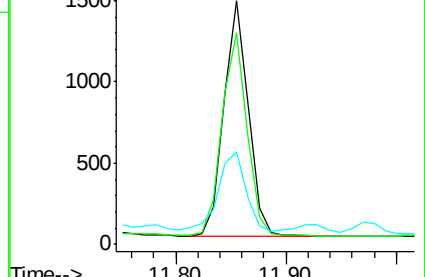
115 37.8 31.2 46.8



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: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

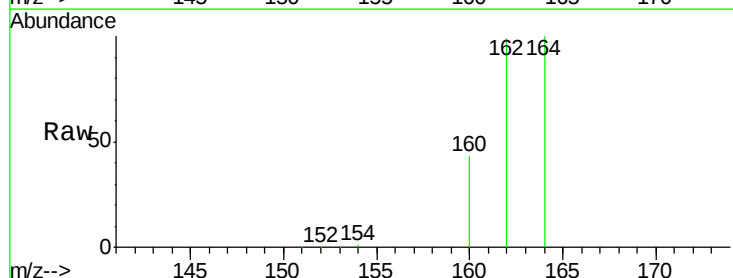
Tgt Ion:164 Resp: 23719

Ion Ratio Lower Upper

164 100

162 99.1 83.4 125.2

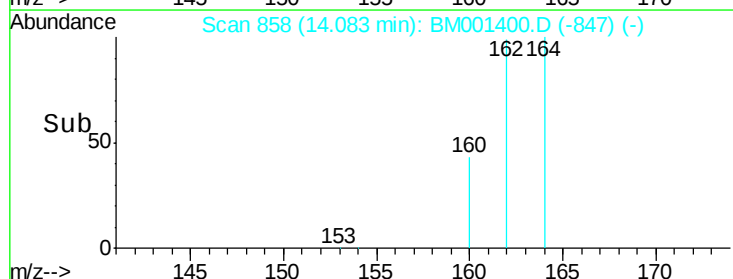
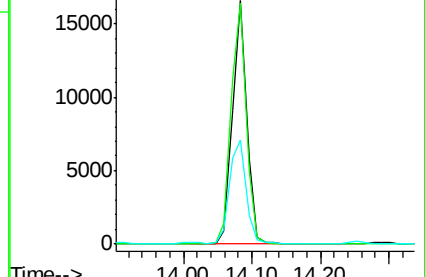
160 42.8 36.9 55.3

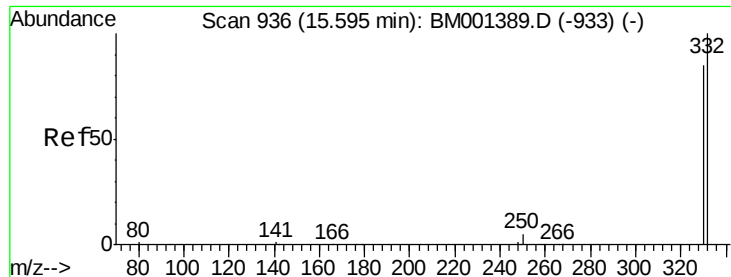


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

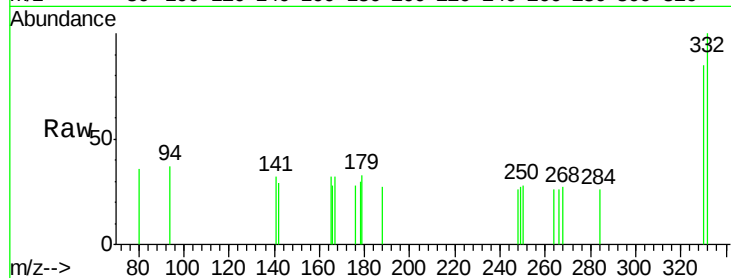




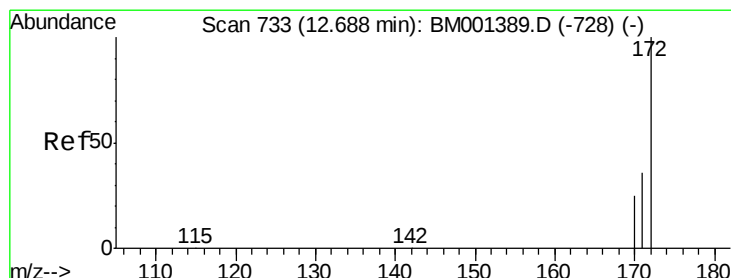
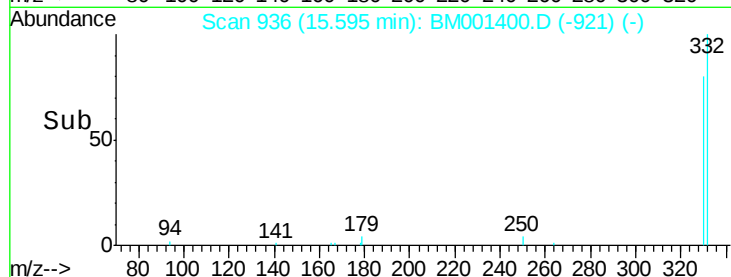
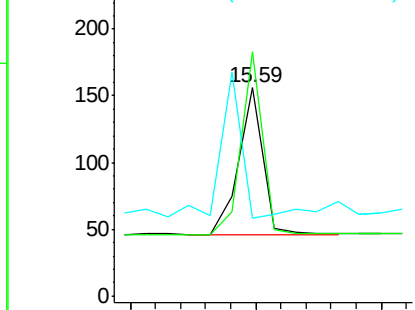
#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001400.D
 Acq: 23 May 2015 02:50

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-150518DL

Tgt Ion:330 Resp: 302
 Ion Ratio Lower Upper
 330 100
 332 107.9 90.3 135.5
 141 0.0 0.0 0.0

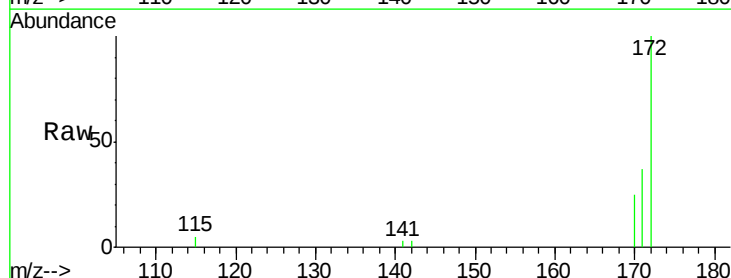


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

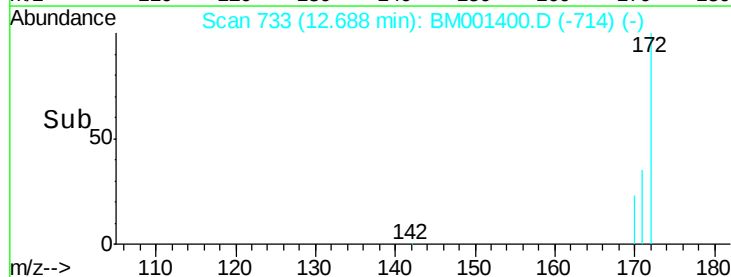
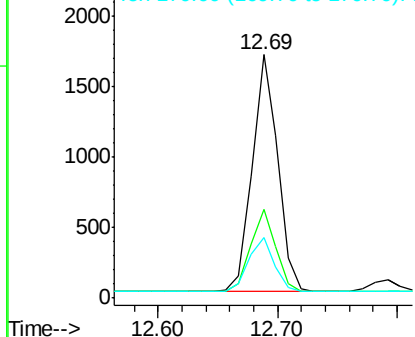


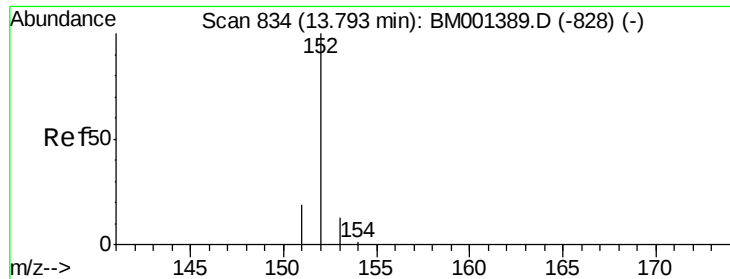
#14
 2-Fluorobiphenyl
 Concen: 0.34 ng
 RT: 12.69 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BM001400.D
 Acq: 23 May 2015 02:50

Tgt Ion:172 Resp: 2495
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.0 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: 0.03 ng

RT: 13.44 min Scan# 805

Delta R.T. -0.35 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

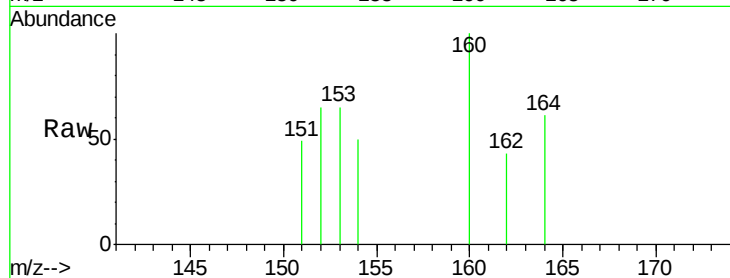
Tgt Ion:152 Resp: 314

Ion Ratio Lower Upper

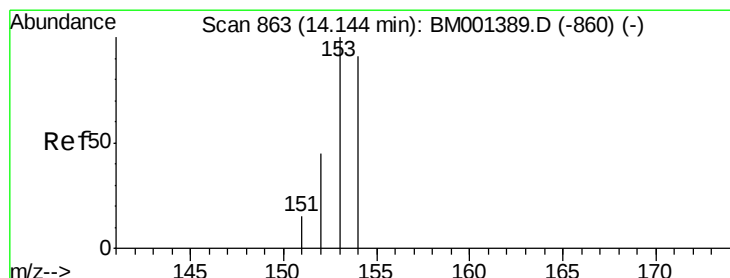
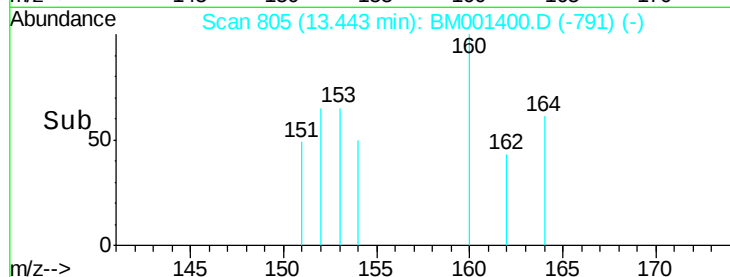
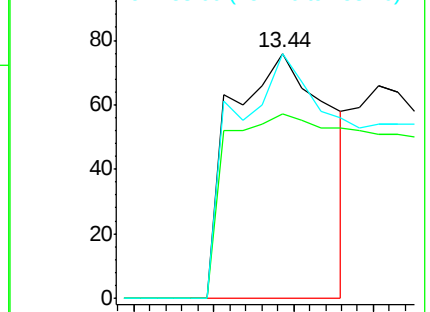
152 100

151 107.6 15.1 22.7#

153 108.9 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: 0.00 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

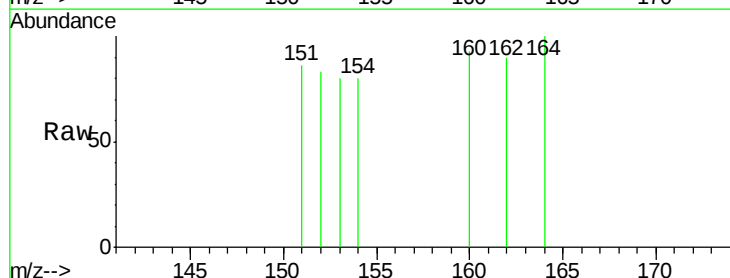
Tgt Ion:154 Resp: 14

Ion Ratio Lower Upper

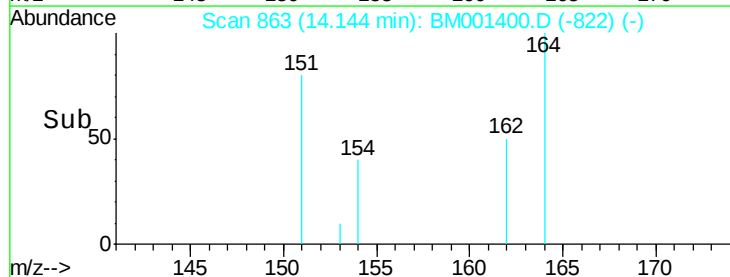
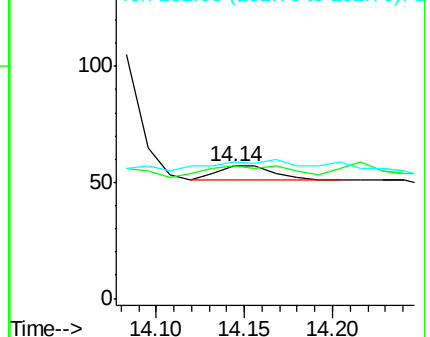
154 100

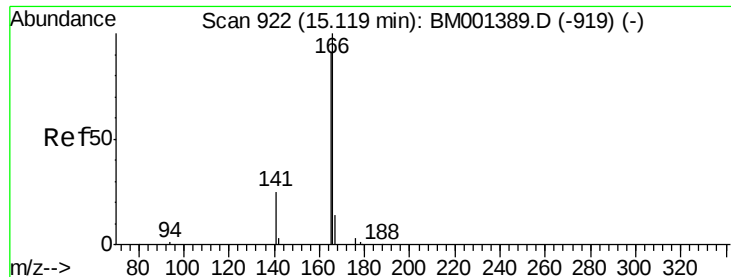
153 121.4 91.4 137.2

152 0.0 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: 0.08 ng

RT: 14.71 min Scan# 910

Delta R.T. -0.41 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

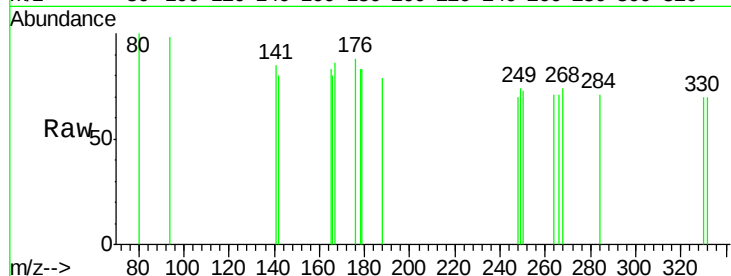
Tgt Ion:166 Resp: 214

Ion Ratio Lower Upper

166 100

165 0.0 72.6 108.8#

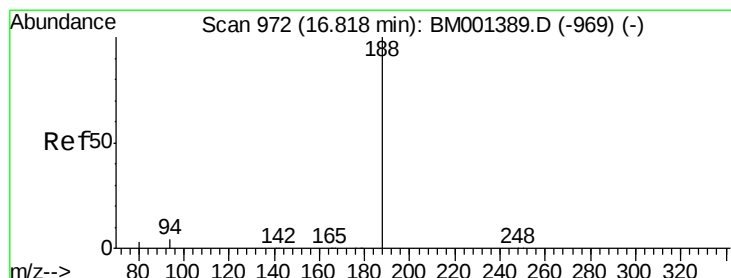
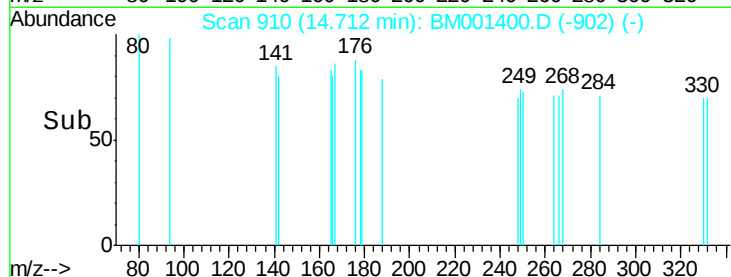
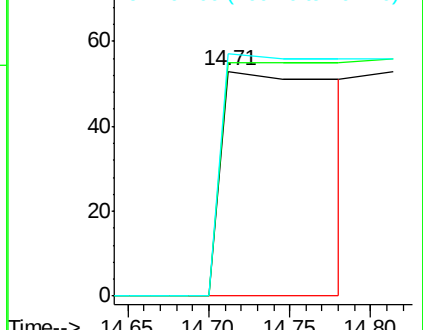
167 209.3 10.9 16.3#



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: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

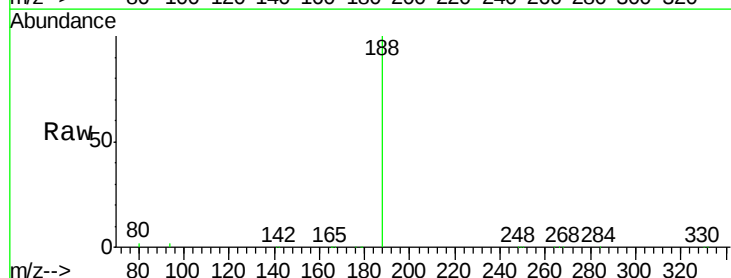
Tgt Ion:188 Resp: 79904

Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.4#

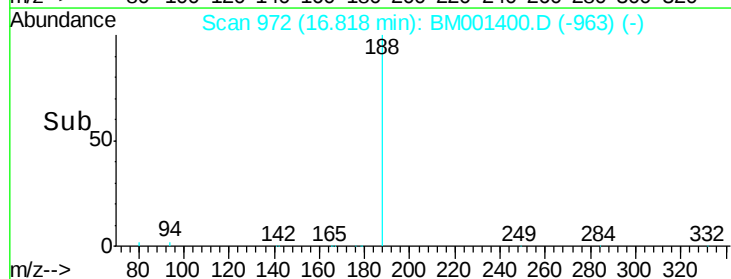
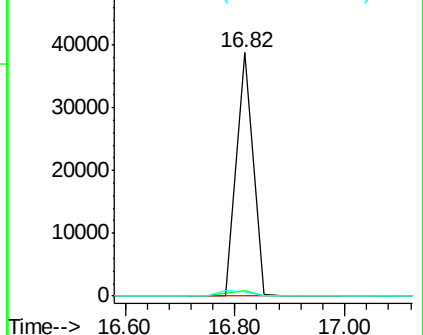
80 2.0 2.5 3.7#

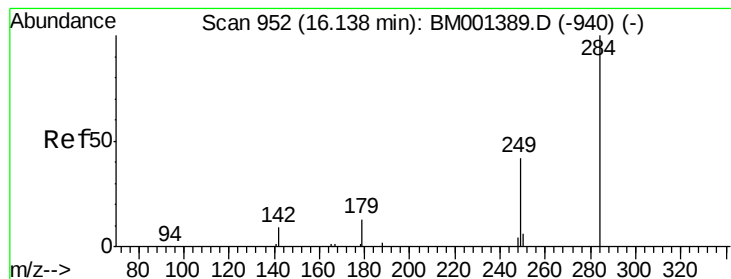


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.41 min Scan# 960

Delta R.T. 0.27 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

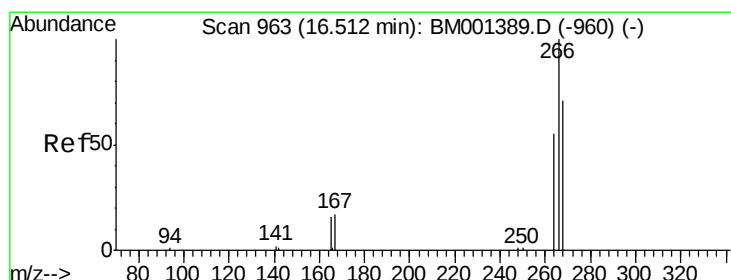
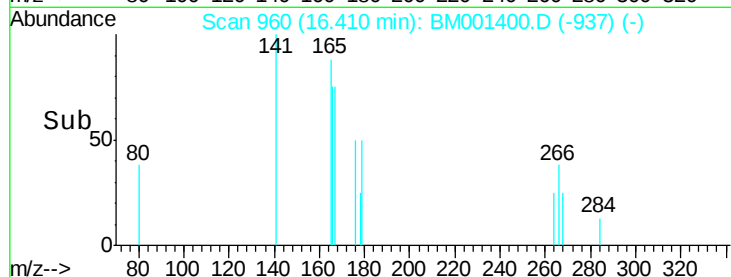
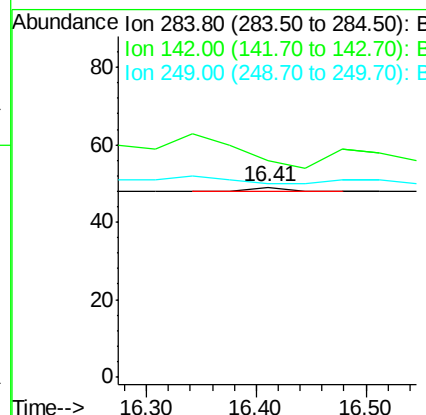
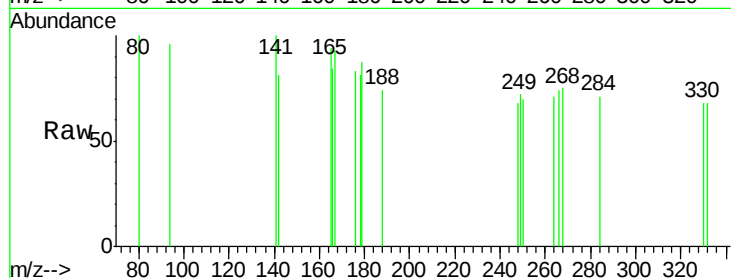
Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

Tgt Ion:	284	Resp:	2
Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	0.0	39.0	58.4#



#21

Pentachlorophenol

Concen: Below Cal

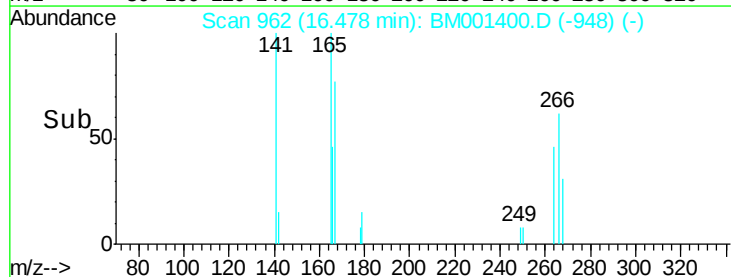
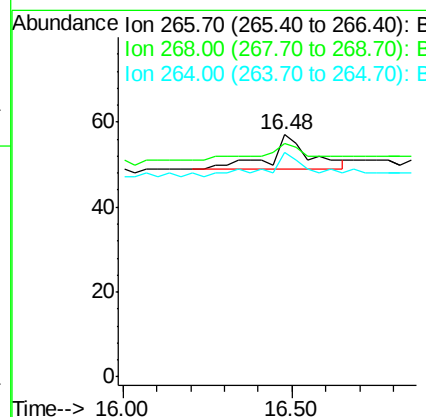
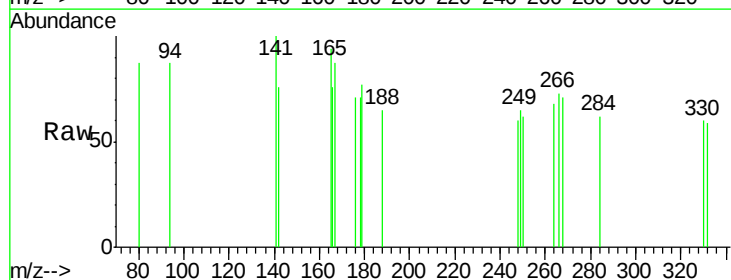
RT: 16.48 min Scan# 962

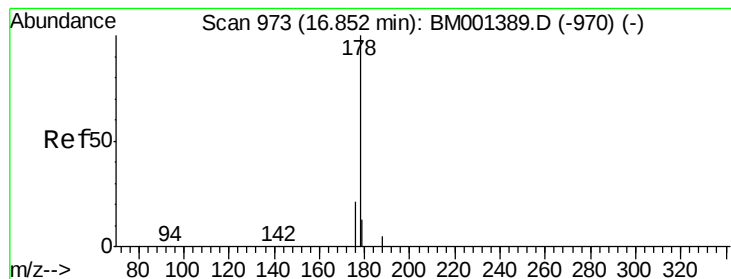
Delta R.T. -0.03 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Tgt Ion:	266	Resp:	65
Ion	Ratio	Lower	Upper
266	100		
268	96.5	63.0	94.4#
264	93.0	52.8	79.2#





#22

Phenanthrene

Concen: Below Cal

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

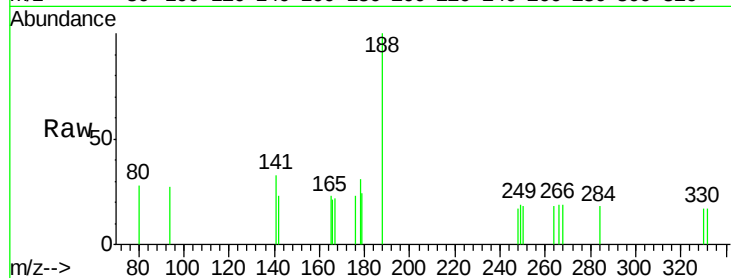
Tgt Ion:178 Resp: 94

Ion Ratio Lower Upper

178 100

176 30.9 16.8 25.2#

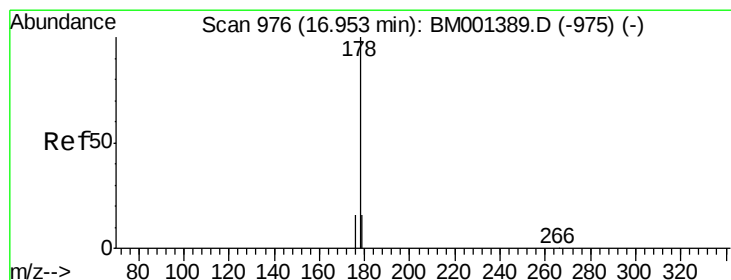
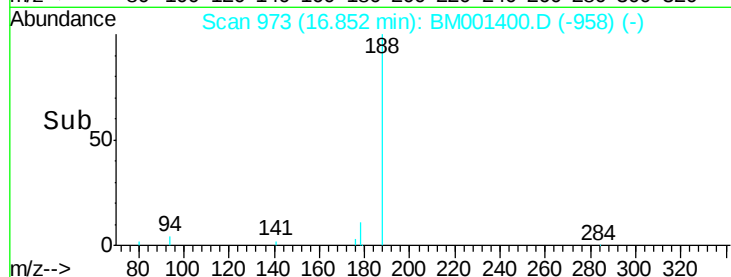
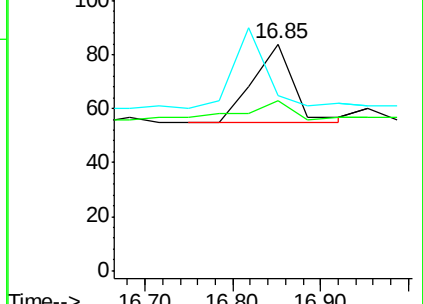
179 0.0 11.0 16.4#



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: 0.01 ng

RT: 16.85 min Scan# 973

Delta R.T. -0.10 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

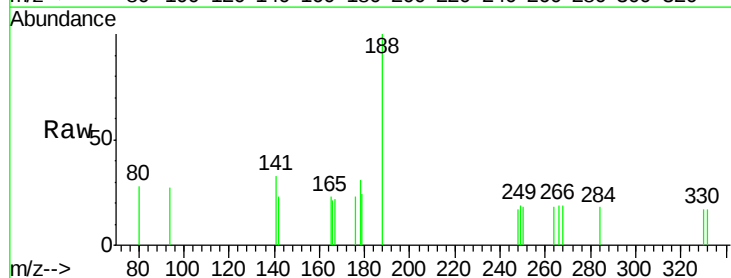
Tgt Ion:178 Resp: 94

Ion Ratio Lower Upper

178 100

176 30.9 13.1 19.7#

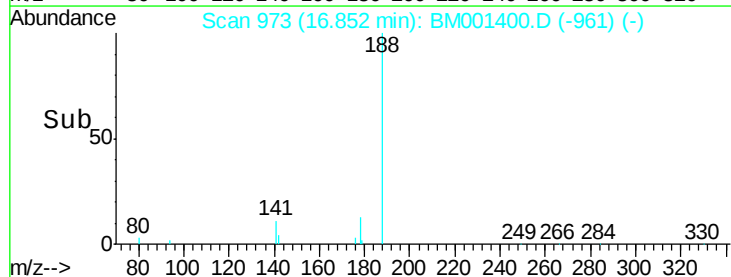
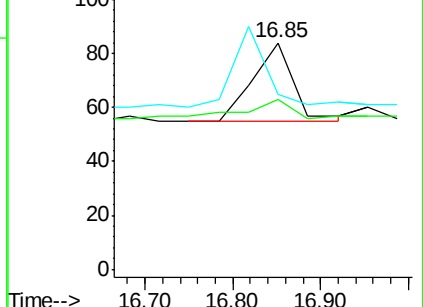
179 0.0 12.8 19.2#

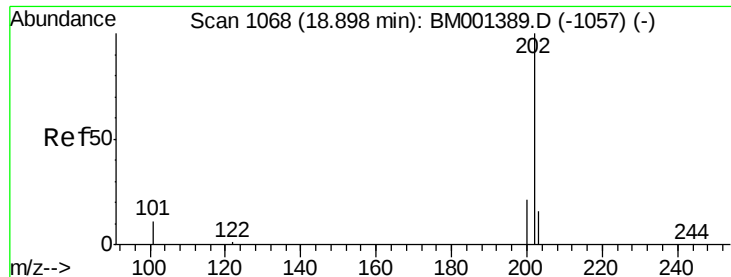


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.00 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

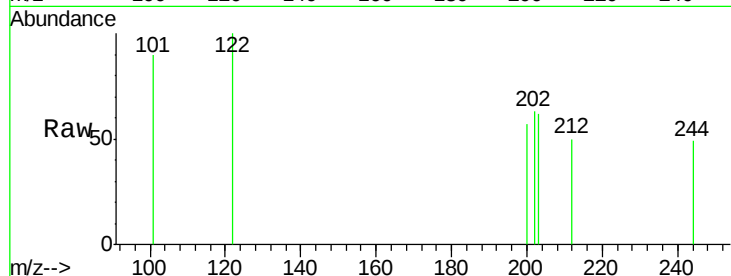
Tgt Ion:202 Resp: 17

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

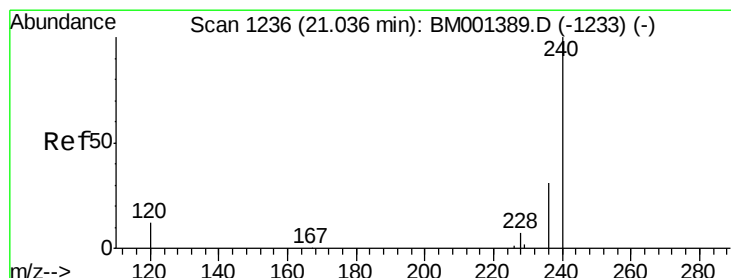
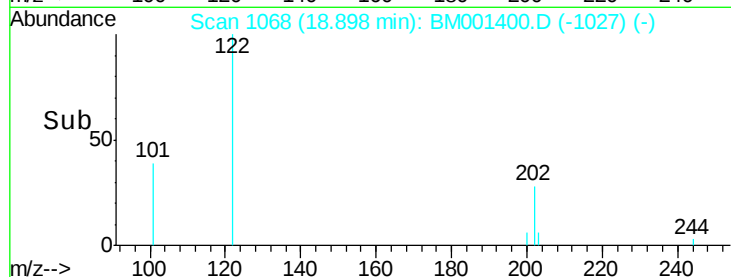
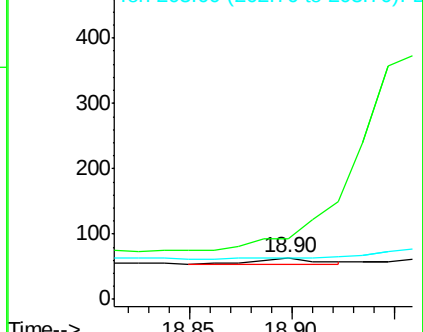
203 0.0 13.8 20.6#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

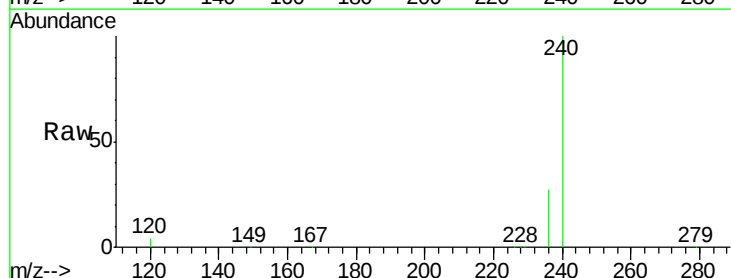
Tgt Ion:240 Resp: 50940

Ion Ratio Lower Upper

240 100

120 4.0 9.7 14.5#

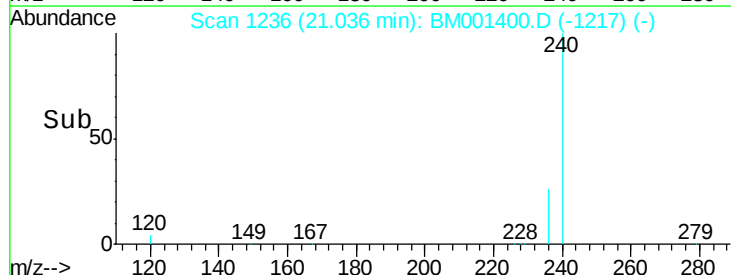
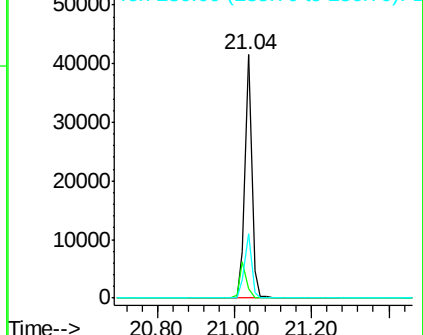
236 26.5 24.8 37.2

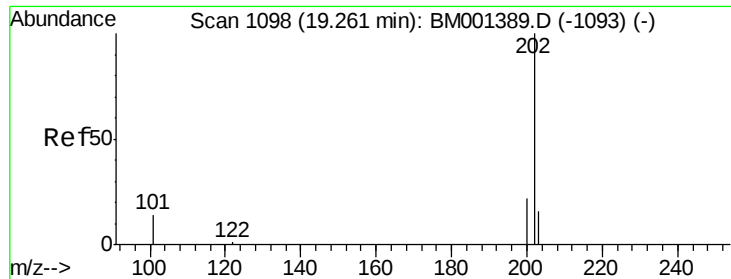


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.00 ng

RT: 19.26 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

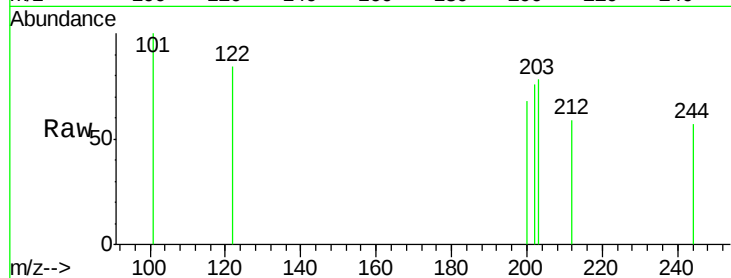
Tgt Ion:202 Resp: 24

Ion Ratio Lower Upper

202 100

200 0.0 16.4 24.6#

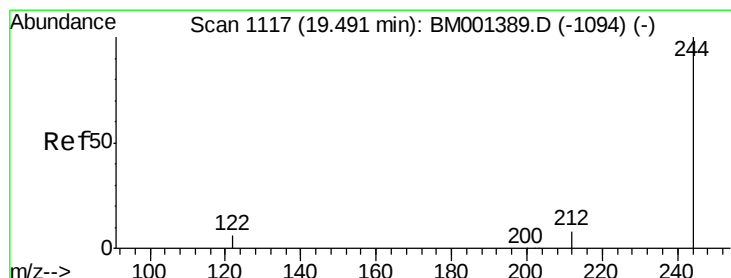
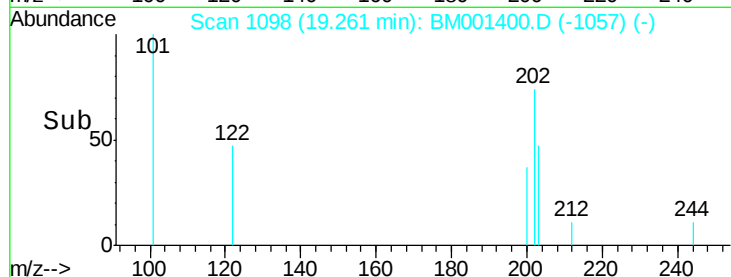
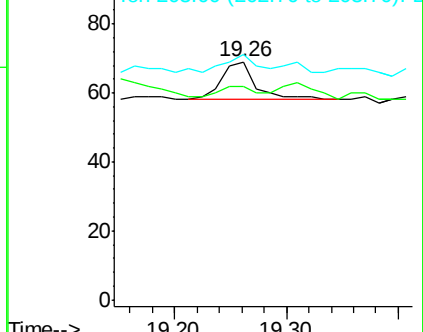
203 37.5 13.9 20.9#



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: 0.31 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

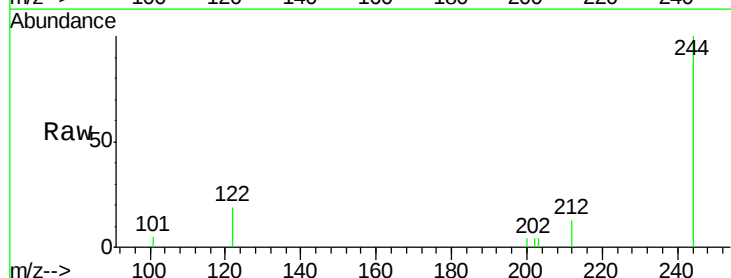
Tgt Ion:244 Resp: 2160

Ion Ratio Lower Upper

244 100

212 12.7 7.2 10.8#

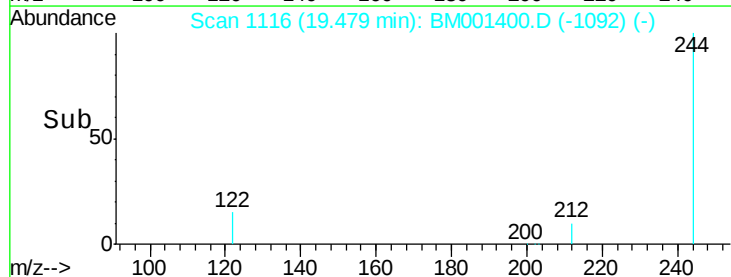
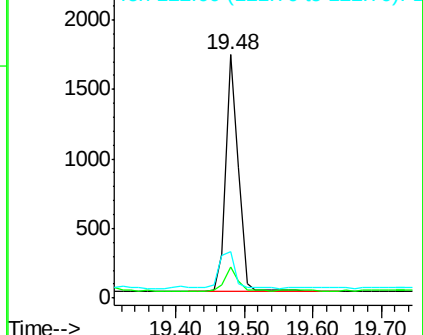
122 19.3 5.1 7.7#

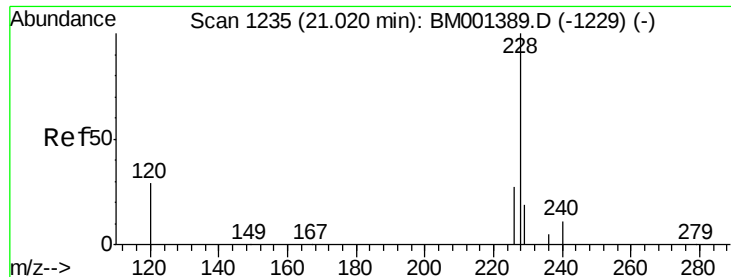


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.02 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

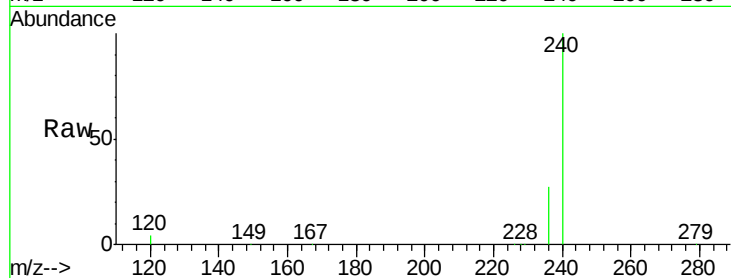
Tgt Ion:228 Resp: 192

Ion Ratio Lower Upper

228 100

226 43.3 21.9 32.9#

229 63.3 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

21.04

150

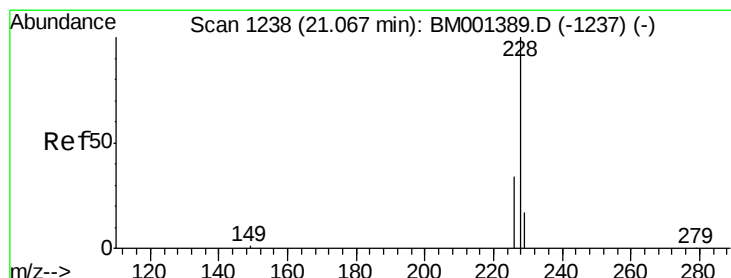
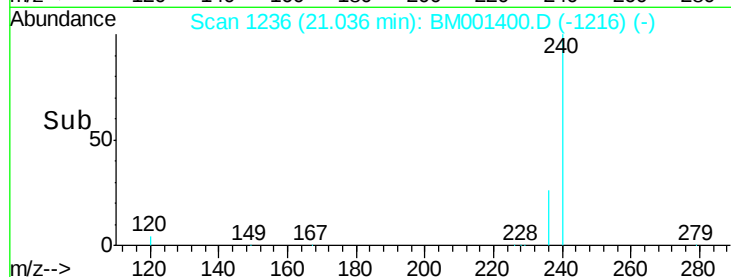
100

50

0

20.90 21.00 21.10

Time-->



#29

Chrysene

Concen: 0.01 ng

RT: 21.04 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

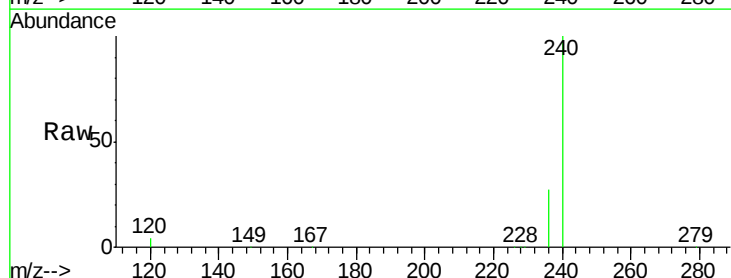
Tgt Ion:228 Resp: 192

Ion Ratio Lower Upper

228 100

226 43.3 27.6 41.4#

229 63.3 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

21.04

150

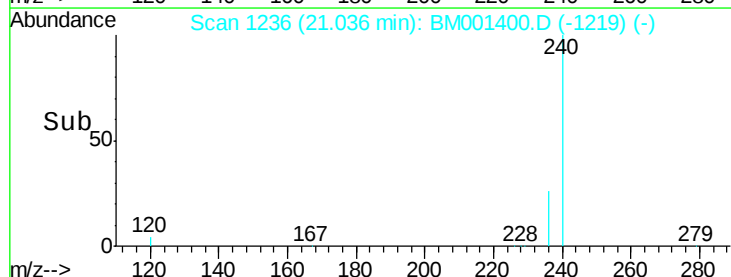
100

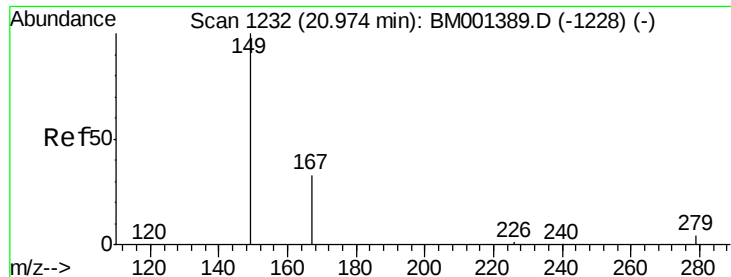
50

0

20.90 21.00 21.10

Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

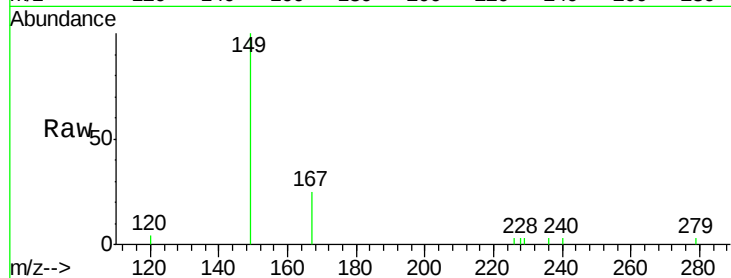
Tgt Ion:149 Resp: 2216

Ion Ratio Lower Upper

149 100

167 24.5 21.0 31.6

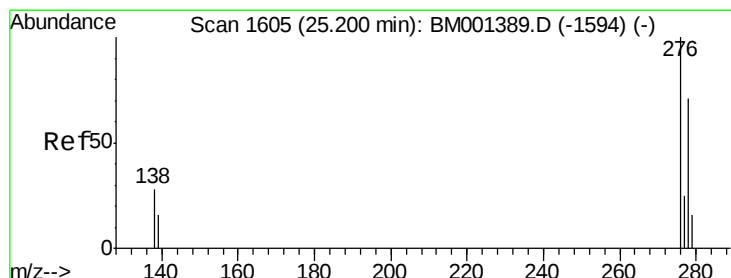
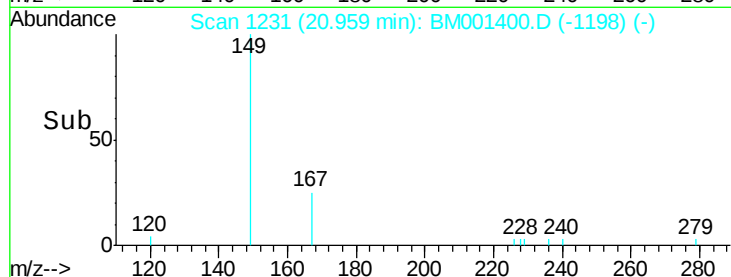
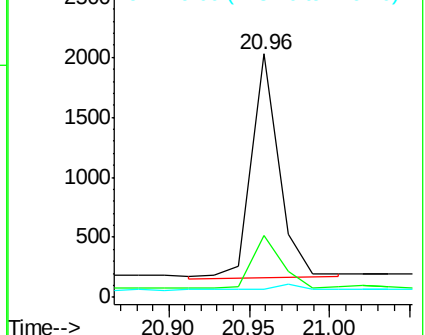
279 2.7 2.2 3.2



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: 0.00 ng

RT: 25.18 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

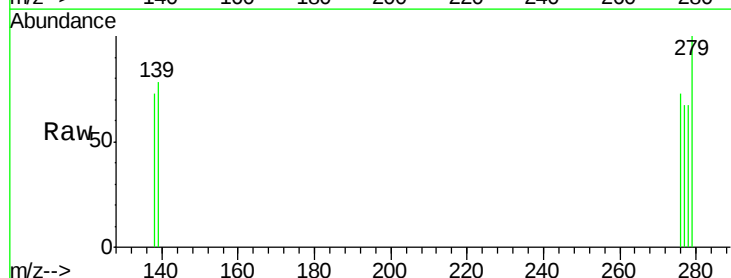
Tgt Ion:276 Resp: 50

Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.0#

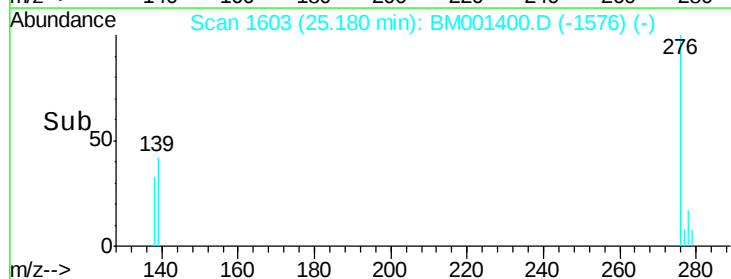
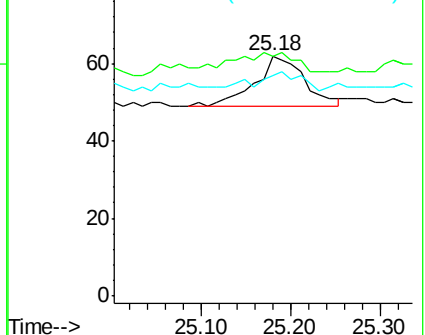
277 26.0 19.5 29.3

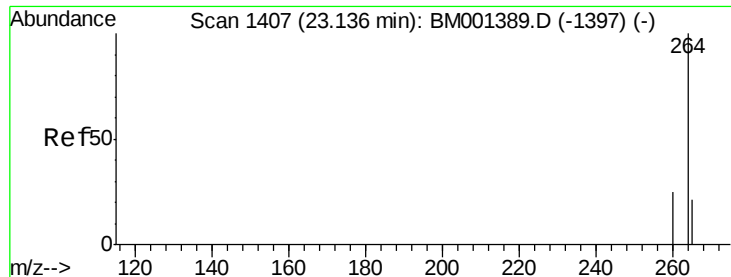


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

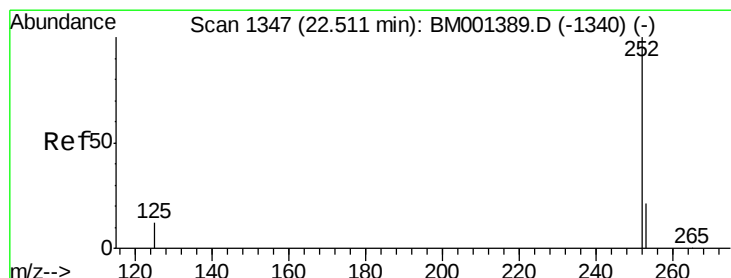
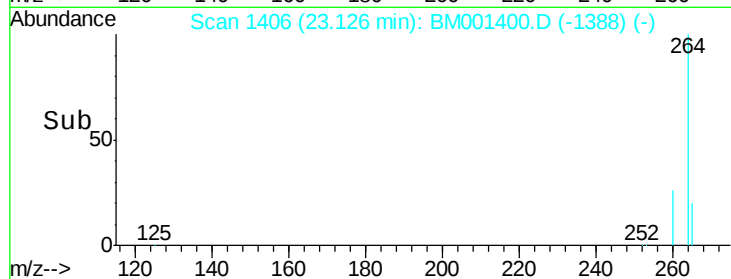
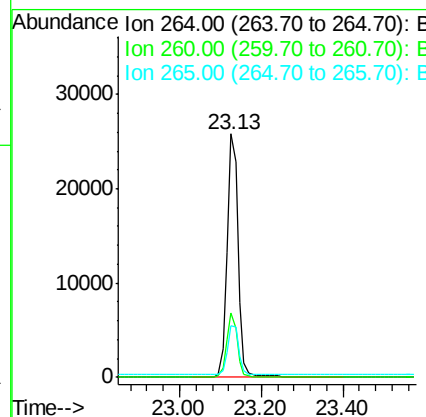
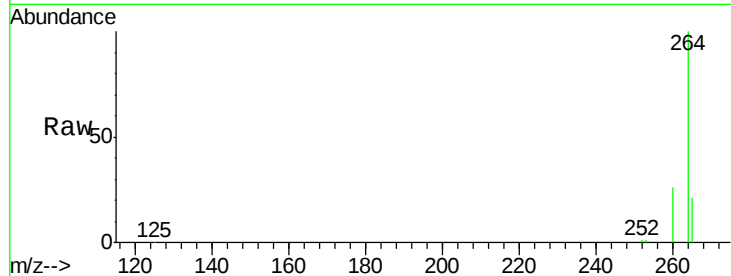




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.13 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BM001400.D
 Acq: 23 May 2015 02:50

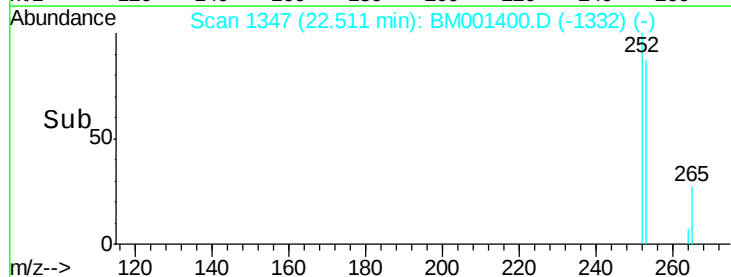
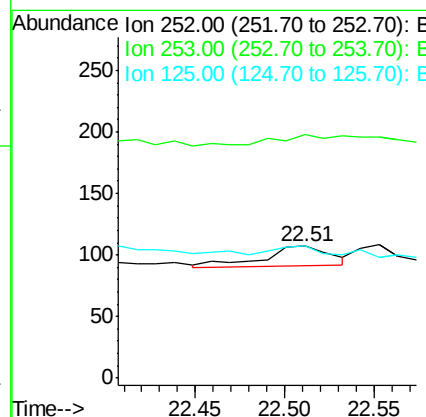
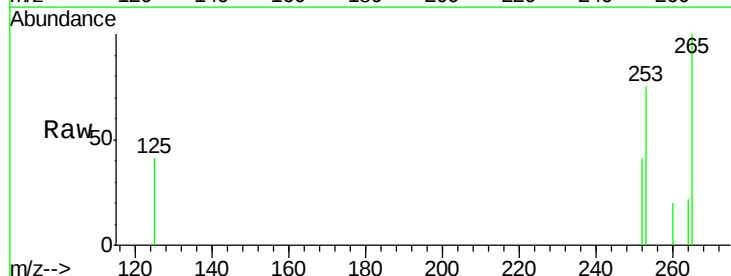
Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-150518DL

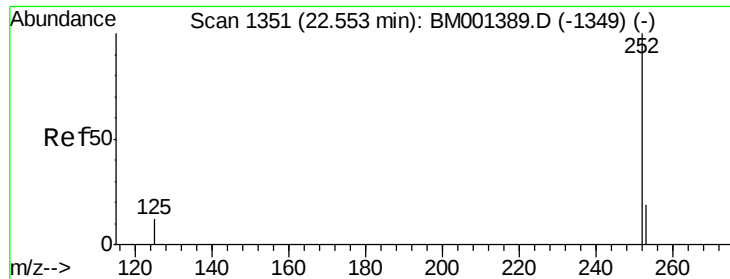
Tgt Ion: 264 Resp: 47507
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.1 30.1
 265 21.0 17.1 25.7



#33
 Benzo(b)fluoranthene
 Concen: 0.00 ng
 RT: 22.51 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BM001400.D
 Acq: 23 May 2015 02:50

Tgt Ion: 252 Resp: 41
 Ion Ratio Lower Upper
 252 100
 253 185.0 17.4 26.0#
 125 100.0 10.2 15.4#





#34

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.55 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

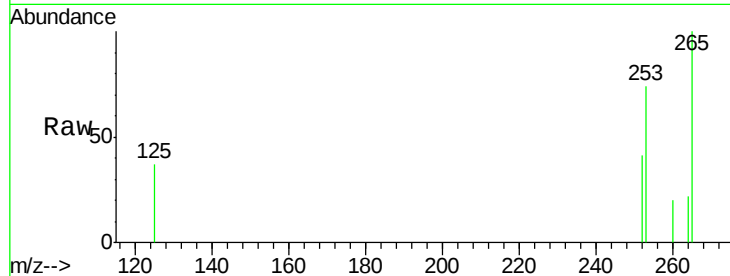
Tgt Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

253 181.5 17.6 26.4#

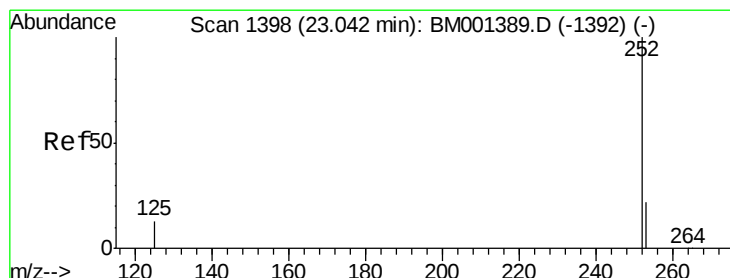
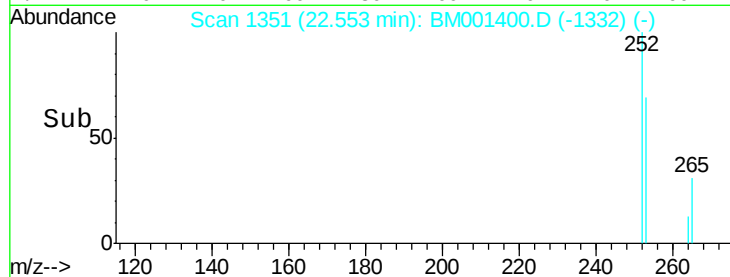
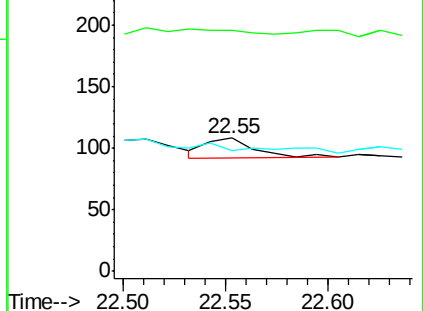
125 90.7 9.7 14.5#



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: 0.00 ng

RT: 23.03 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

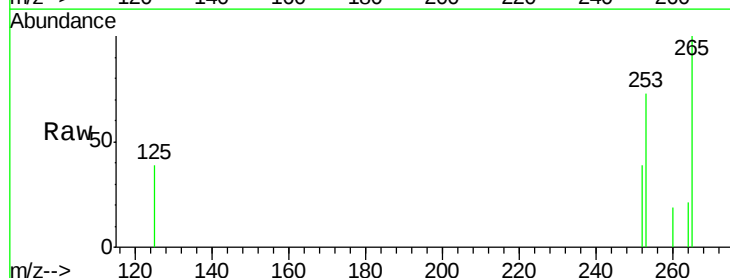
Tgt Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 189.4 18.6 28.0#

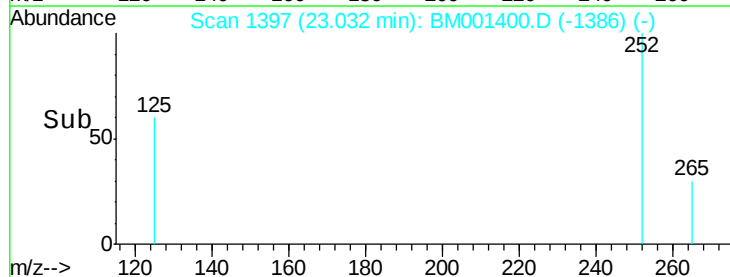
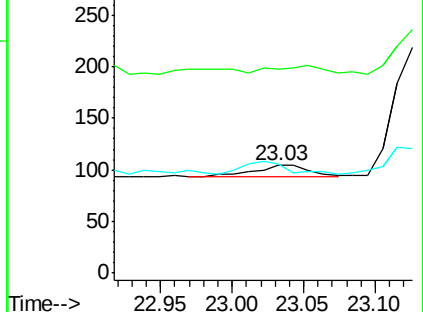
125 101.9 10.7 16.1#

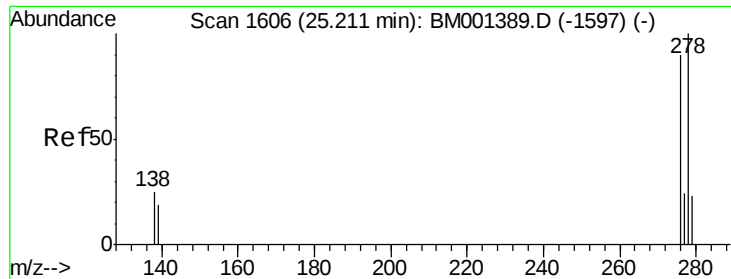


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

Instrument :

BNA_M

ClientSampleId :

LF001MW001-150518DL

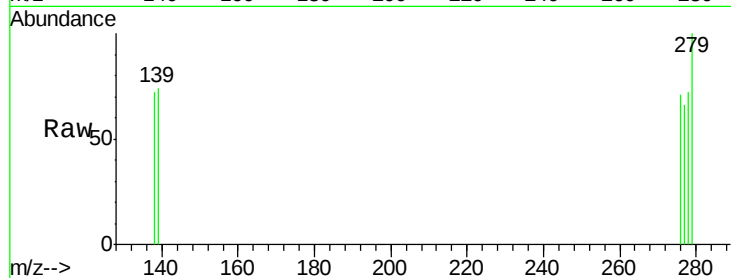
Tgt Ion: 278 Resp: 46

Ion Ratio Lower Upper

278 100

139 103.3 15.7 23.5#

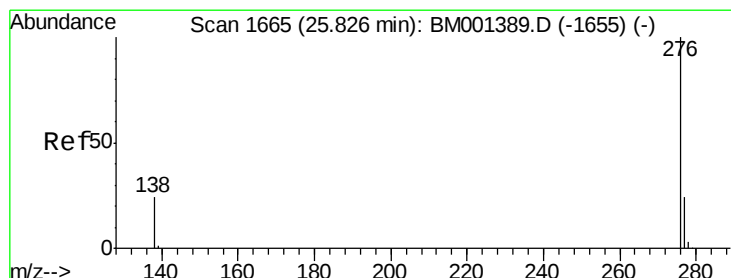
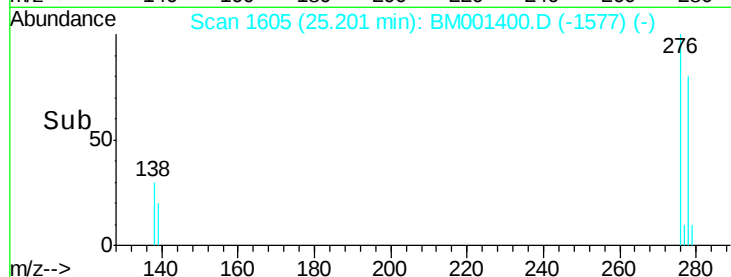
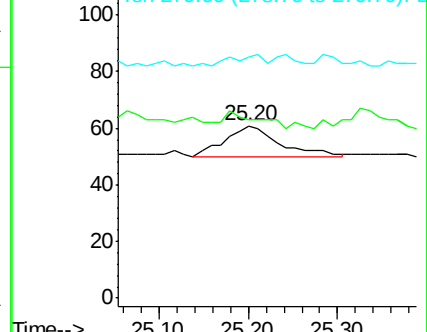
279 139.3 19.4 29.2#



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: 0.00 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001400.D

Acq: 23 May 2015 02:50

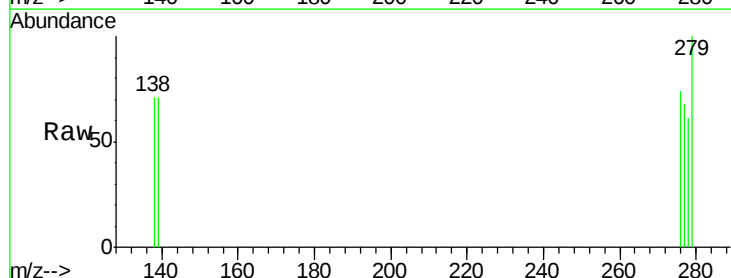
Tgt Ion: 276 Resp: 45

Ion Ratio Lower Upper

276 100

277 91.9 19.8 29.6#

138 96.8 20.2 30.2#



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

