

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001403.D
 Acq On : 23 May 2015 04:37
 Operator : TP/IZ
 Sample : G2255-15RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512RE

Quant Time: May 25 08:25:32 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	12296	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	45122	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	25898	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	93552	5.00	ng	0.00
25) Chrysene-d12	21.04	240	55676	5.00	ng	0.00
32) Perylene-d12	23.13	264	39461	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	3163	1.30	ng	0.00
5) Phenol-d6	6.60	99	3312	1.18	ng	0.00
7) Nitrobenzene-d5	8.55	82	17408	6.68	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	5485	6.82	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	50666	6.36	ng	0.00
27) Terphenyl-d14	19.48	244	69171	9.18	ng	-0.01

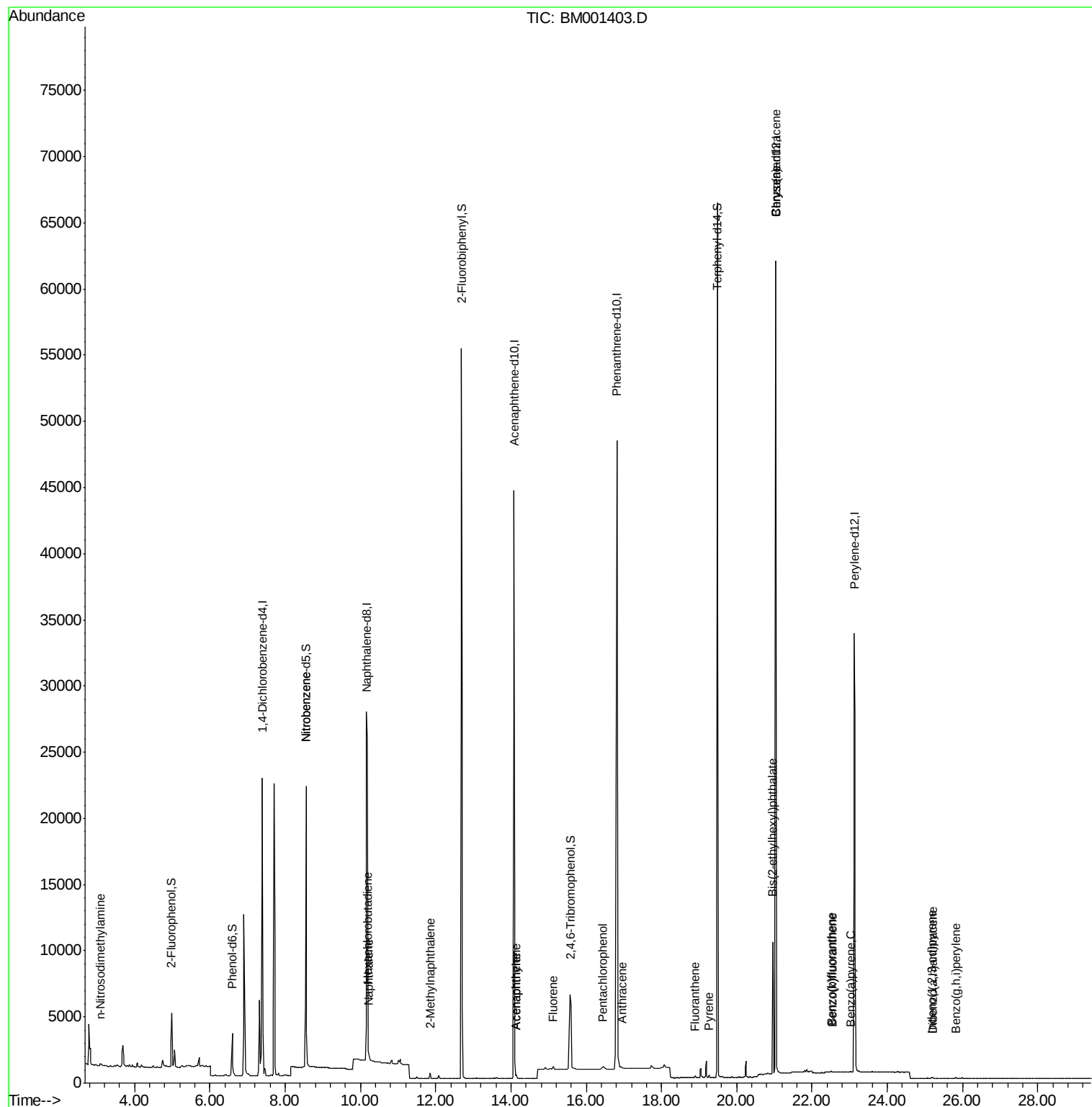
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	78	Below Cal	#	14
3) n-Nitrosodimethylamine	3.09	42	130	0.08	ng	# 10
8) Nitrobenzene	8.55	77	137	0.05	ng	# 47
9) Naphthalene	10.22	128	1178	0.12	ng	# 28
10) Hexachlorobutadiene	10.20	225	172	0.09	ng	# 54
11) 2-Methylnaphthalene	11.85	142	307	0.05	ng	# 93
15) Acenaphthylene	14.14	152	80	0.01	ng	# 1
16) Acenaphthene	14.14	154	136	0.02	ng	# 97
17) Fluorene	15.12	166	206	0.08	ng	# 93
20) Hexachlorobenzene	16.14	284	10	Below Cal	#	1
21) Pentachlorophenol	16.44	266	236	0.52	ng	# 54
22) Phenanthrene	16.85	178	927	Below Cal	#	91
23) Anthracene	16.95	178	118	0.01	ng	# 59
24) Fluoranthene	18.90	202	163	0.01	ng	# 80
26) Pyrene	19.26	202	204	0.01	ng	# 96
28) Benzo(a)anthracene	21.04	228	334	0.02	ng	# 55
29) Chrysene	21.04	228	334	0.02	ng	# 67
30) Bis(2-ethylhexyl)phthalate	20.96	149	9574	1.08	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.19	276	65	0.00	ng	# 80
33) Benzo(b)fluoranthene	22.51	252	75	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.55	252	53	0.00	ng	# 1
35) Benzo(a)pyrene	23.03	252	51	0.00	ng	# 1
36) Dibenzo(a,h)anthracene	25.21	278	49	0.01	ng	# 1
37) Benzo(g,h,i)perylene	25.82	276	66	0.01	ng	# 1

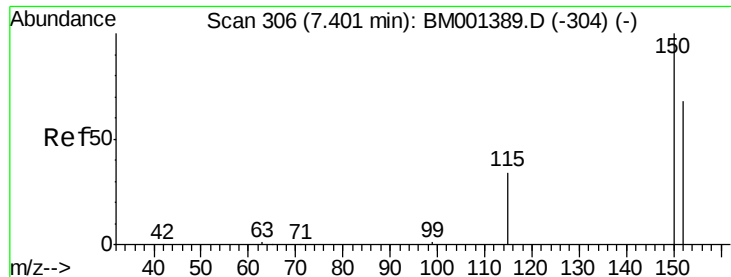
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

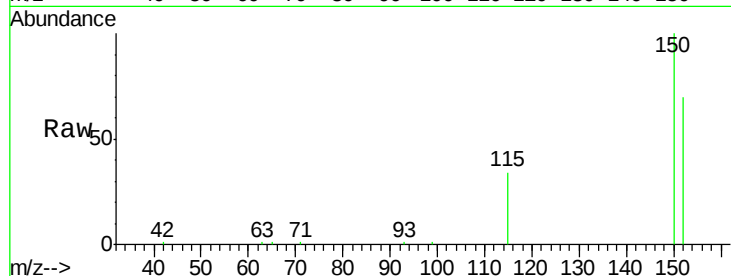
Tgt Ion:152 Resp: 12296

Ion Ratio Lower Upper

152 100

150 142.3 119.0 178.6

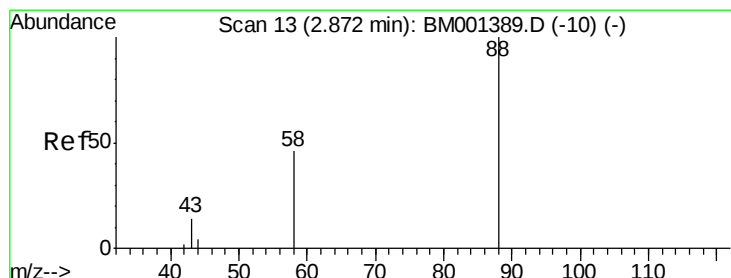
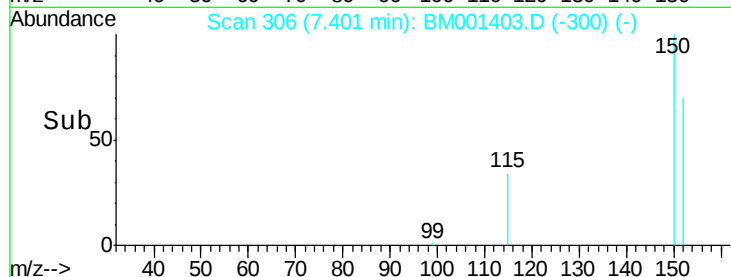
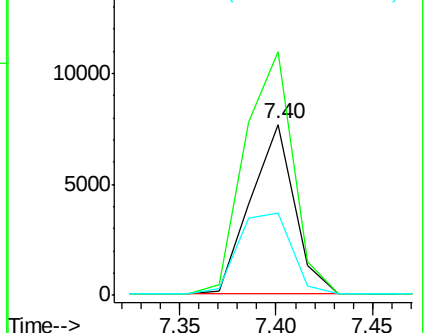
115 48.4 41.8 62.8



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: Below Cal

RT: 2.89 min Scan# 14

Delta R.T. 0.02 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

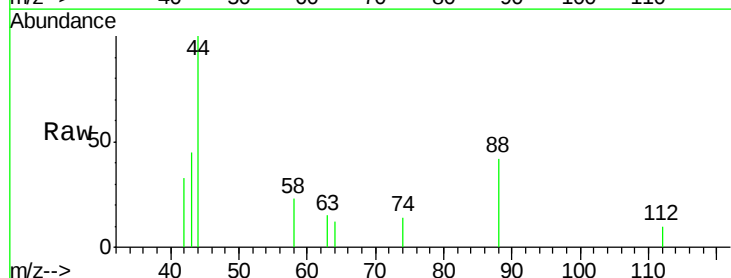
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

58 0.0 71.3 106.9#

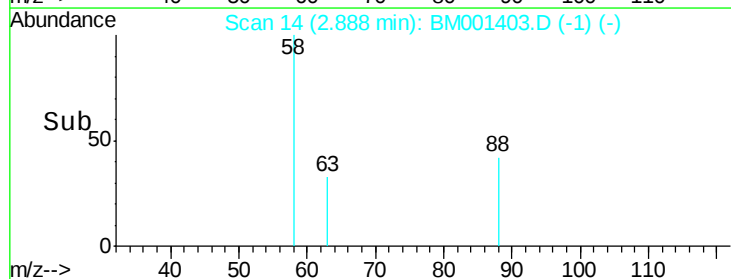
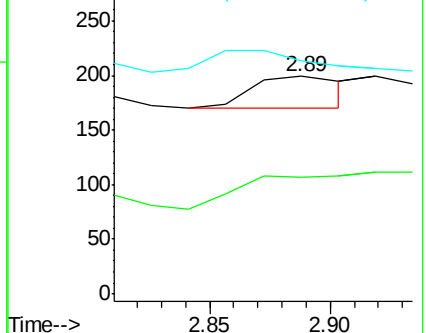
43 0.0 35.5 53.3#

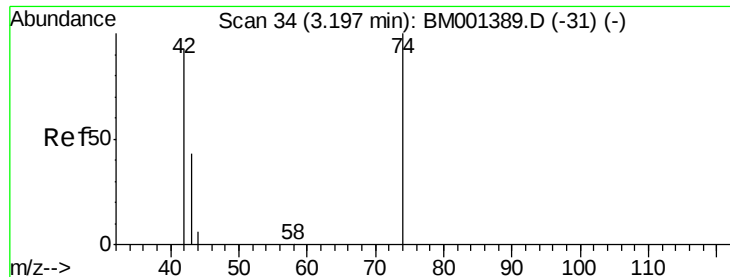


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



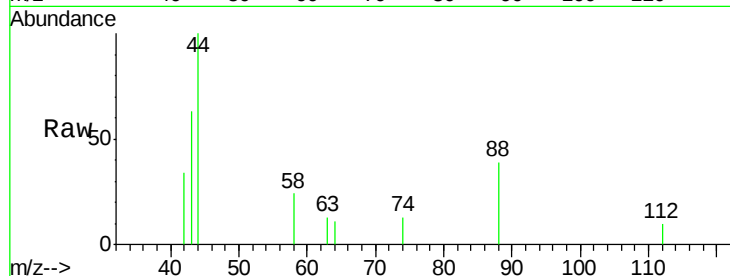


#3

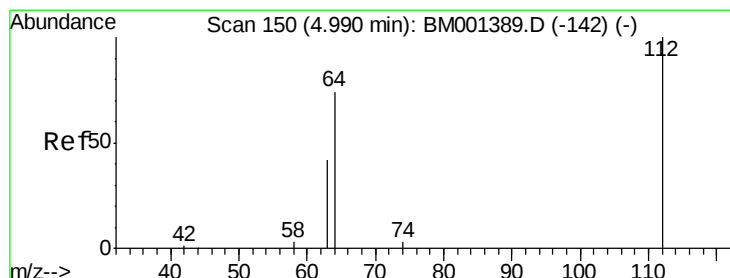
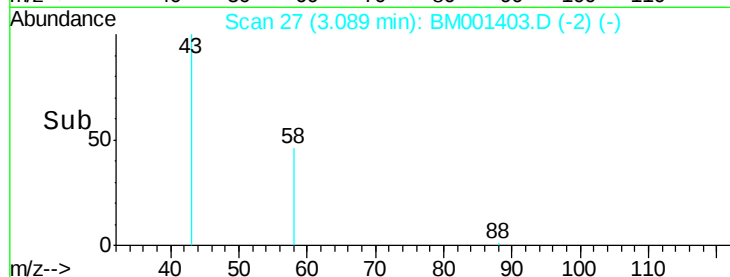
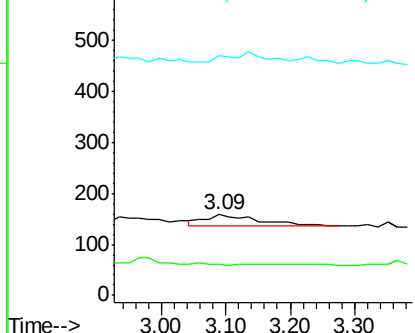
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.09 min Scan# 27
Delta R.T. -0.11 min
Lab File: BM001403.D
Acq: 23 May 2015 04:37

Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512RE

Tgt Ion: 42 Resp: 130
Ion Ratio Lower Upper
42 100
74 0.0 72.2 108.2#
44 0.0 6.2 9.2#



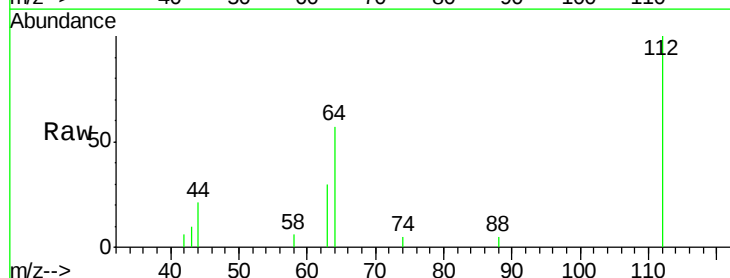
Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



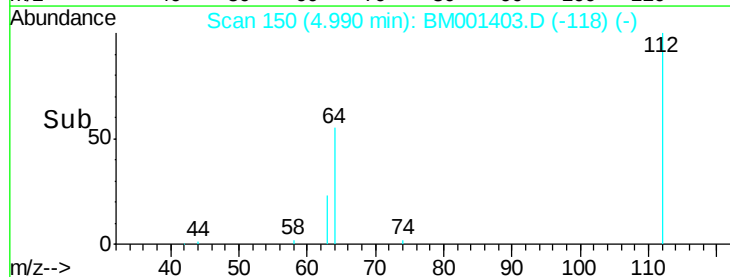
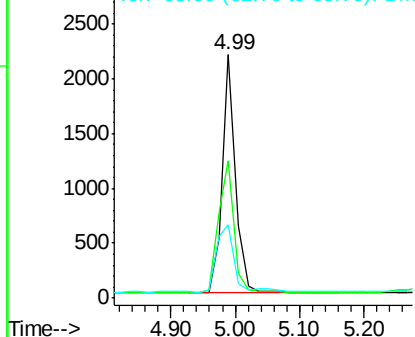
#4

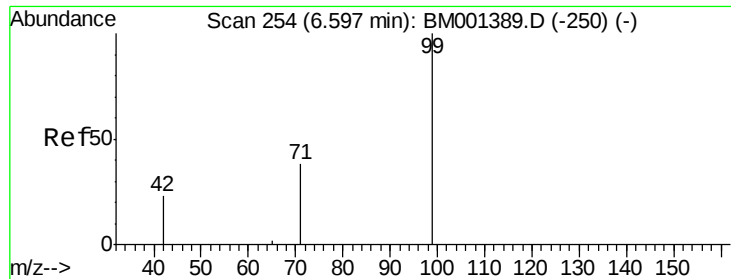
2-Fluorophenol
Concen: 1.30 ng
RT: 4.99 min Scan# 150
Delta R.T. -0.00 min
Lab File: BM001403.D
Acq: 23 May 2015 04:37

Tgt Ion: 112 Resp: 3163
Ion Ratio Lower Upper
112 100
64 65.3 51.7 77.5
63 39.0 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.18 ng

RT: 6.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

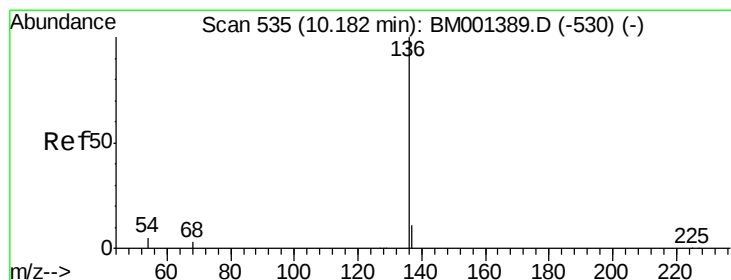
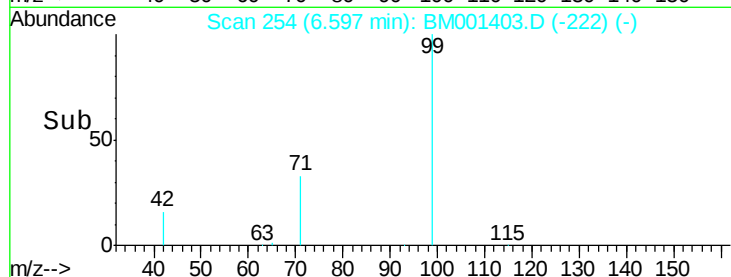
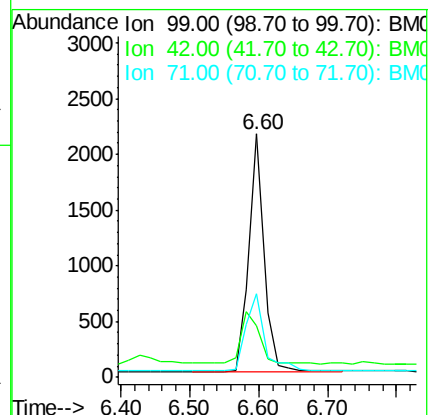
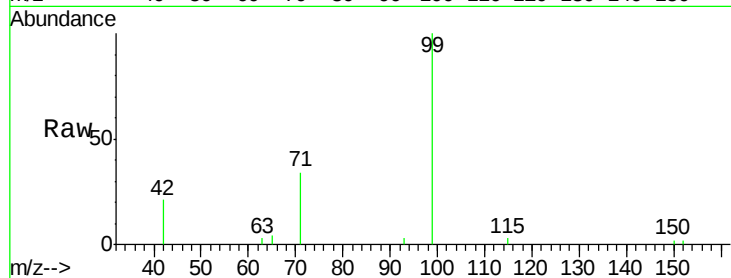
Tgt Ion: 99 Resp: 3312

Ion Ratio Lower Upper

99 100

42 27.2 21.8 32.6

71 40.1 29.2 43.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Tgt Ion: 136 Resp: 45122

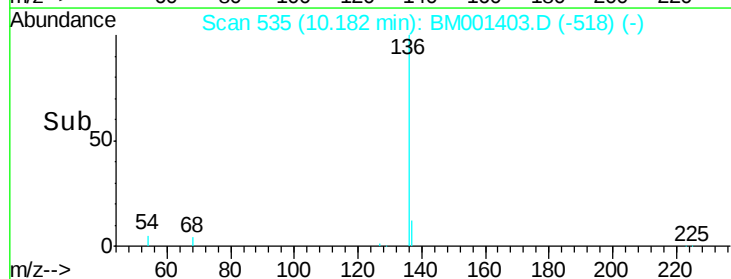
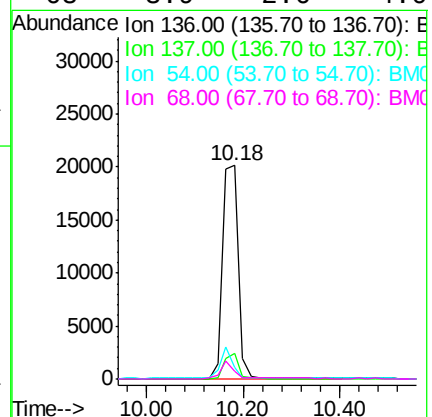
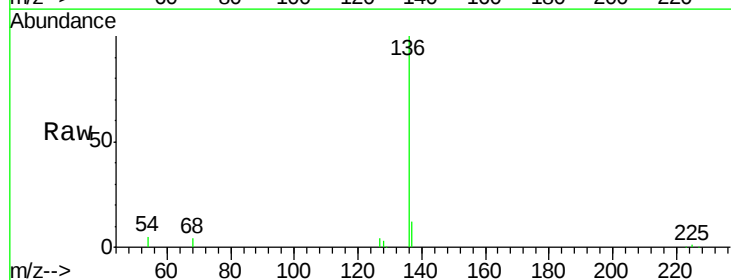
Ion Ratio Lower Upper

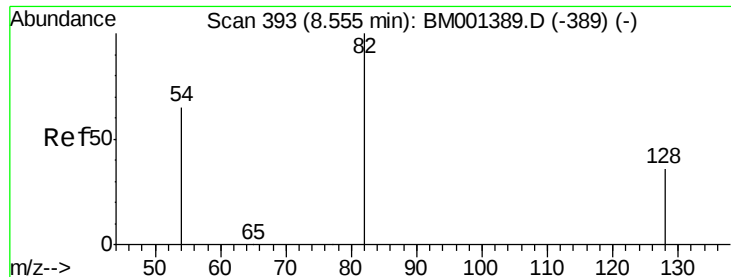
136 100

137 11.9 9.1 13.7

54 5.3 4.3 6.5

68 3.9 2.6 4.0





#7

Nitrobenzene-d5

Concen: 6.68 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

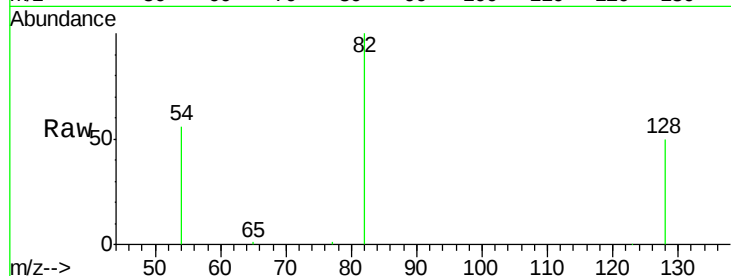
Tgt Ion: 82 Resp: 17408

Ion Ratio Lower Upper

82 100

128 50.4 30.2 45.4#

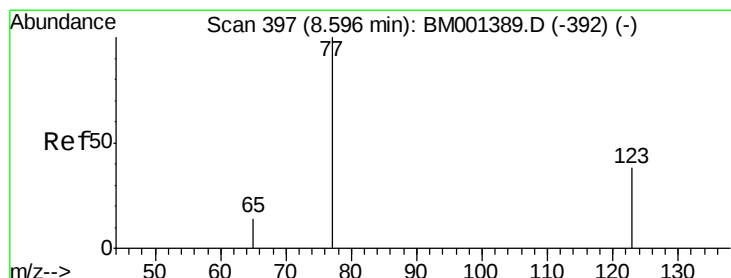
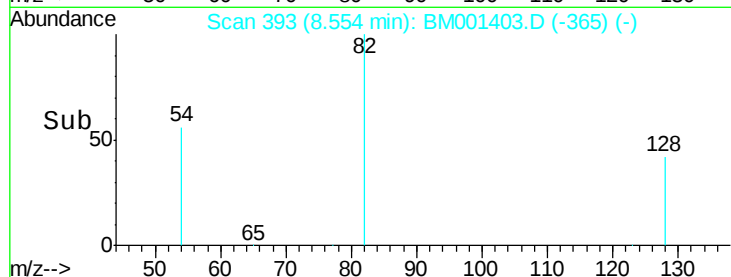
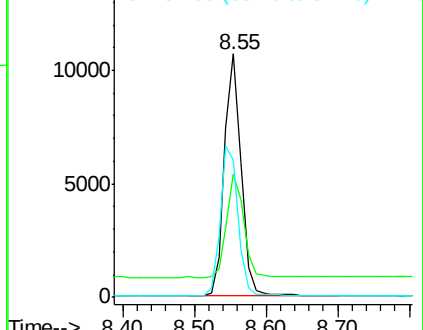
54 56.3 52.9 79.3



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) (-)



#8

Nitrobenzene

Concen: 0.05 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.04 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

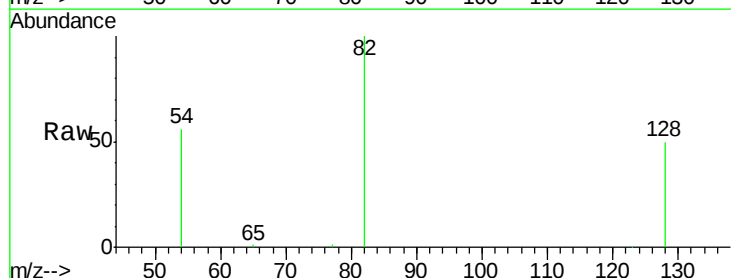
Tgt Ion: 77 Resp: 137

Ion Ratio Lower Upper

77 100

123 0.0 33.7 50.5#

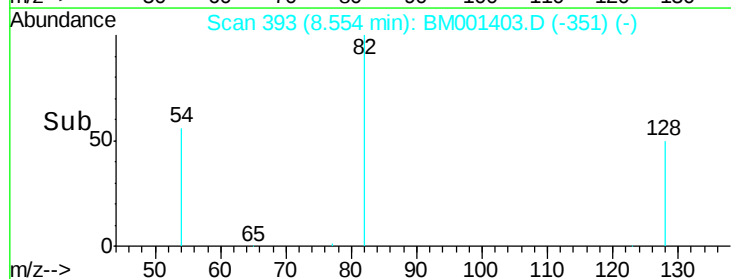
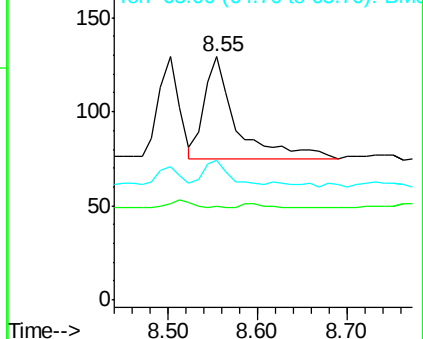
65 19.7 11.3 16.9#

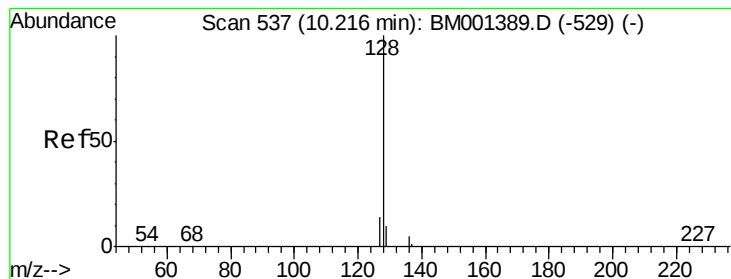


Abundance Ion 77.00 (76.70 to 77.70): BM001389.D (-392) (-)

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

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





#9

Naphthalene

Concen: 0.12 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

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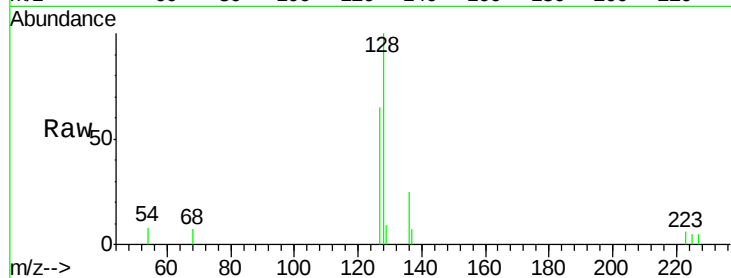
Tgt Ion:128 Resp: 1178

Ion Ratio Lower Upper

128 100

129 9.4 8.6 13.0

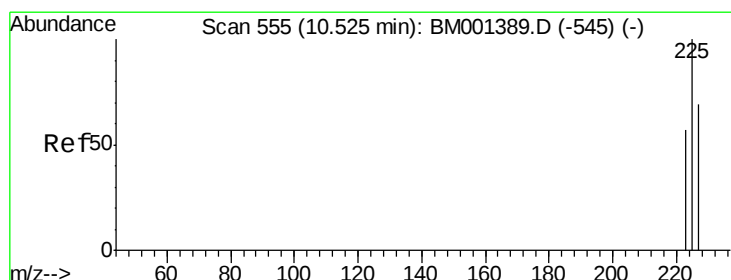
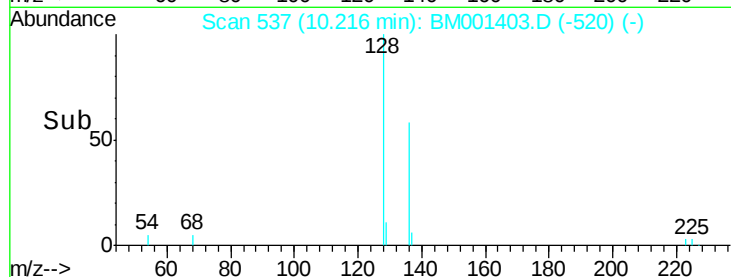
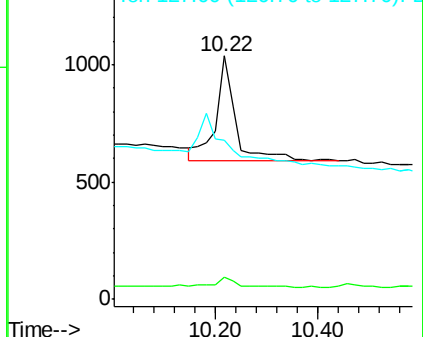
127 65.4 11.7 17.5#



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: 0.09 ng

RT: 10.20 min Scan# 536

Delta R.T. -0.33 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

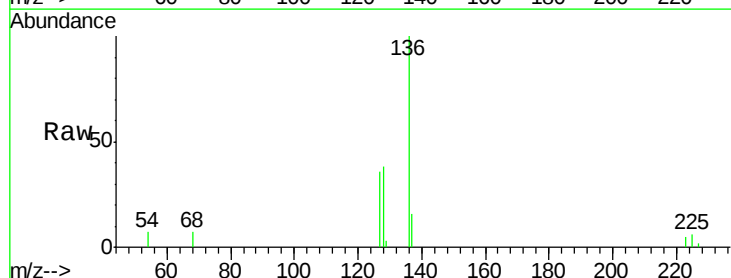
Tgt Ion:225 Resp: 172

Ion Ratio Lower Upper

225 100

223 52.9 50.2 75.2

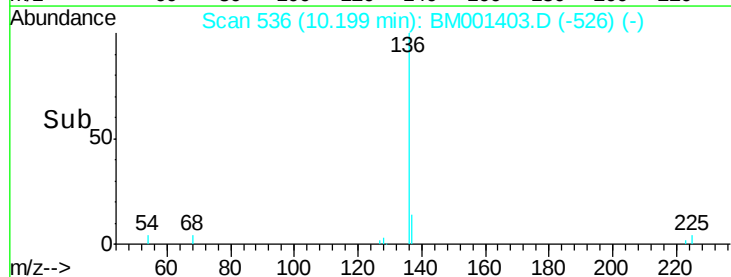
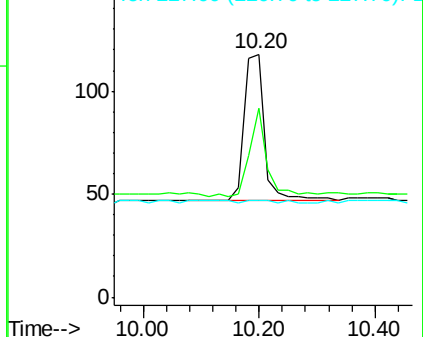
227 2.3 51.1 76.7#

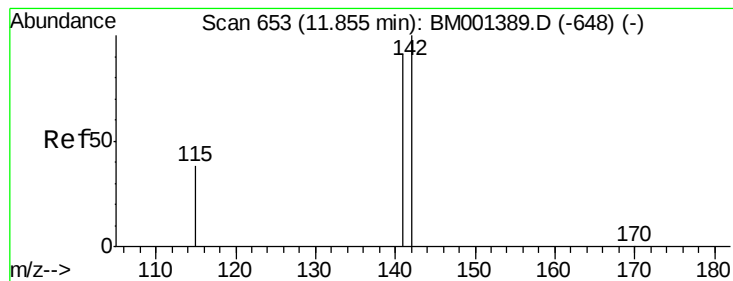


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.05 ng

RT: 11.85 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

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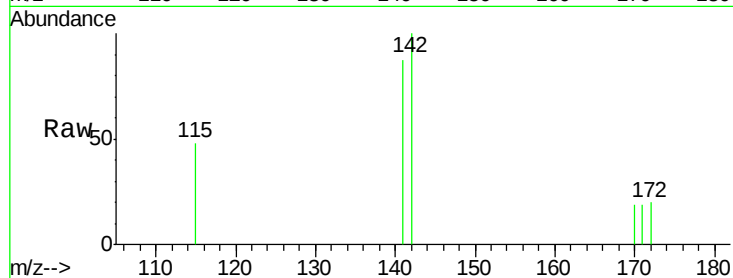
Tgt Ion:142 Resp: 307

Ion Ratio Lower Upper

142 100

141 87.1 72.6 109.0

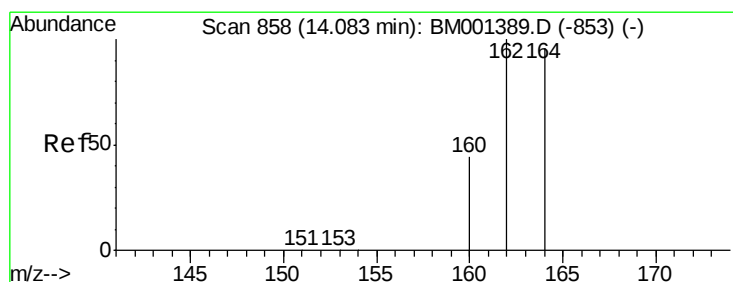
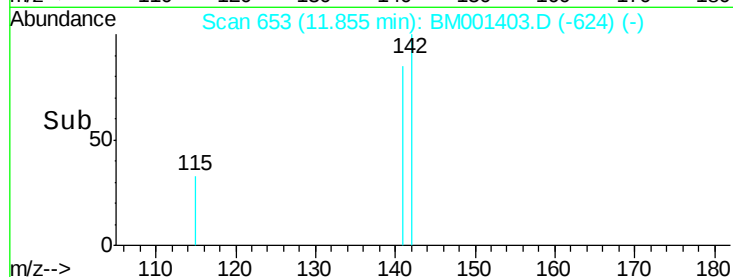
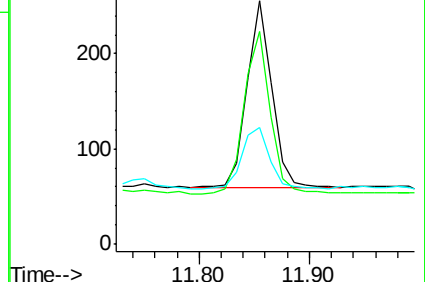
115 48.0 31.2 46.8#



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: BM001403.D

Acq: 23 May 2015 04:37

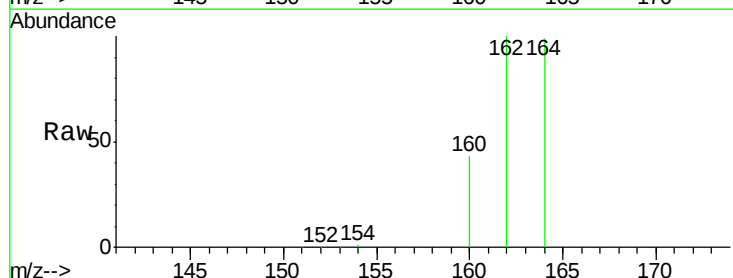
Tgt Ion:164 Resp: 25898

Ion Ratio Lower Upper

164 100

162 100.7 83.4 125.2

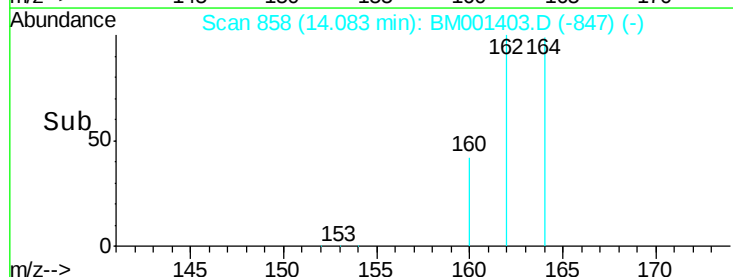
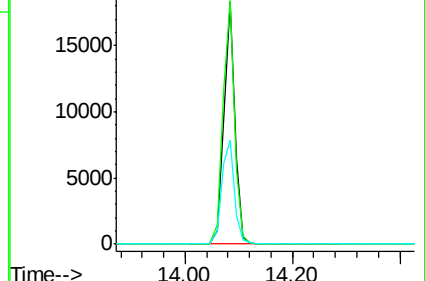
160 42.8 36.9 55.3

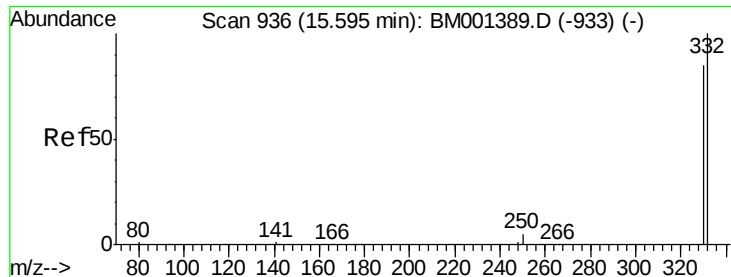


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

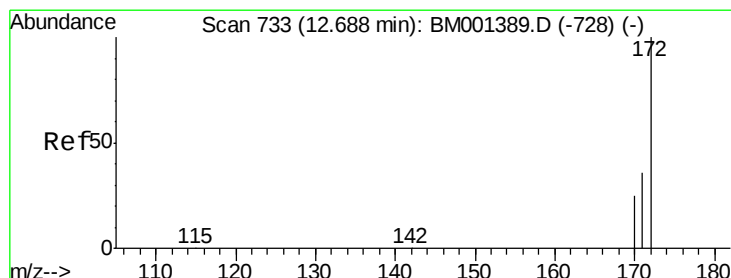
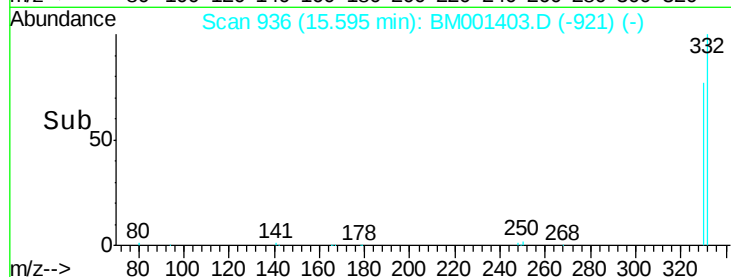
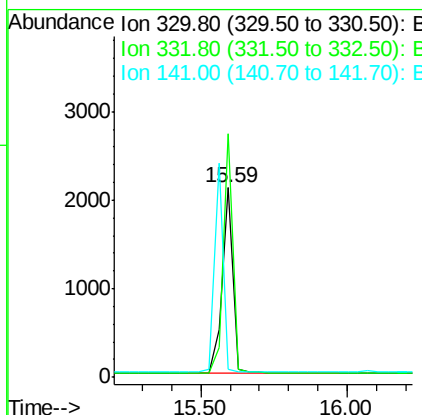
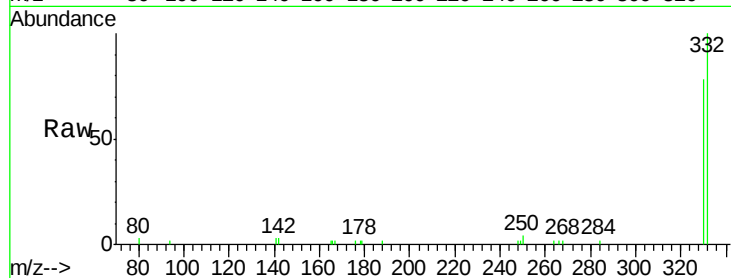




#13
 2,4,6-Tribromophenol
 Concen: 6.82 ng
 RT: 15.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM001403.D
 Acq: 23 May 2015 04:37

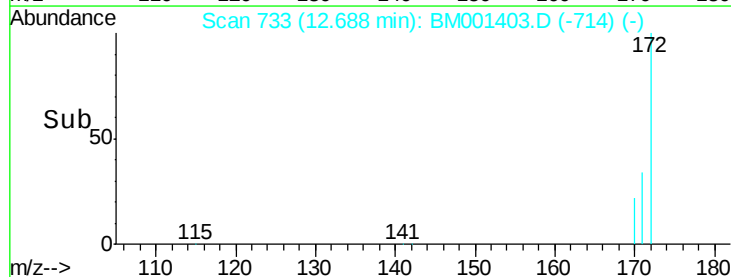
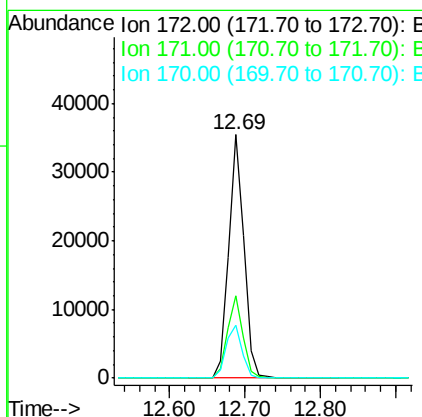
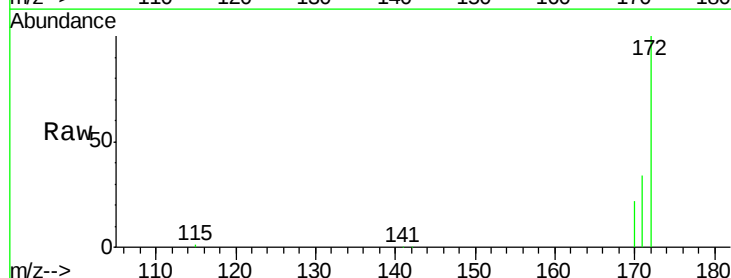
Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512RE

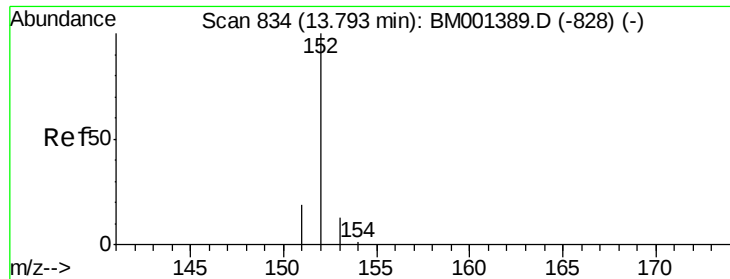
Tgt Ion:330 Resp: 5485
 Ion Ratio Lower Upper
 330 100
 332 115.2 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 6.36 ng
 RT: 12.69 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BM001403.D
 Acq: 23 May 2015 04:37

Tgt Ion:172 Resp: 50666
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.4 44.0
 170 21.8 20.2 30.4





#15

Acenaphthylene

Concen: 0.01 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.35 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

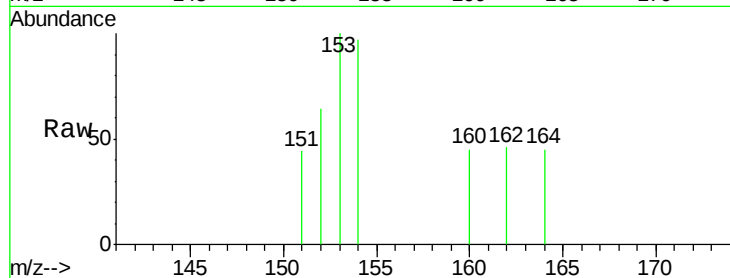
Tgt Ion:152 Resp: 80

Ion Ratio Lower Upper

152 100

151 0.0 15.1 22.7#

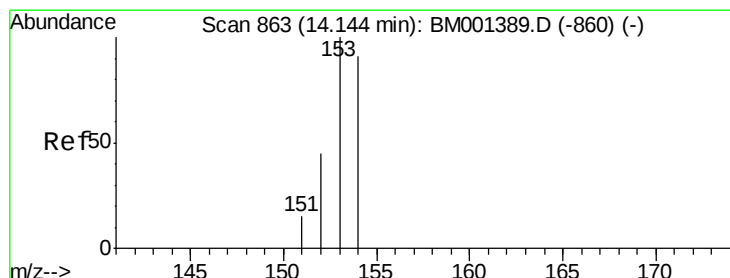
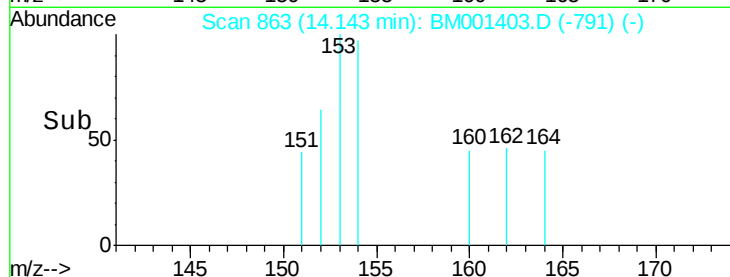
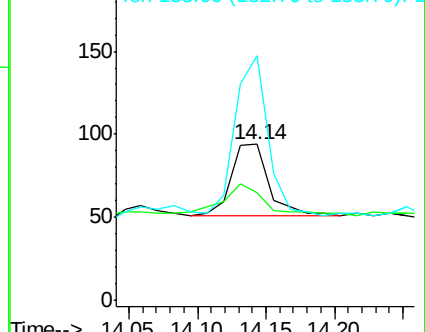
153 191.3 10.2 15.4#



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: 0.02 ng

RT: 14.14 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

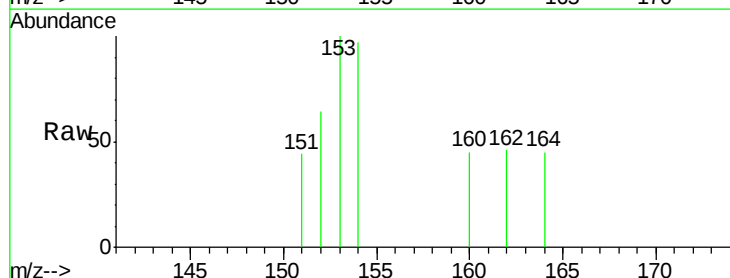
Tgt Ion:154 Resp: 136

Ion Ratio Lower Upper

154 100

153 116.9 91.4 137.2

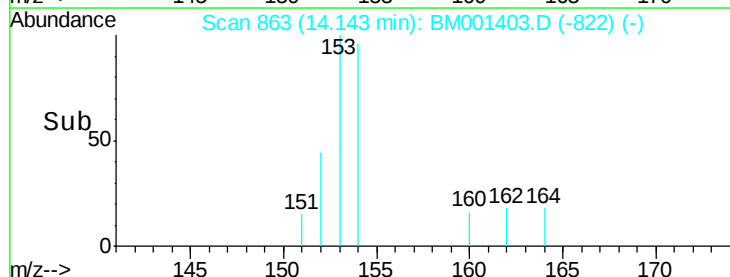
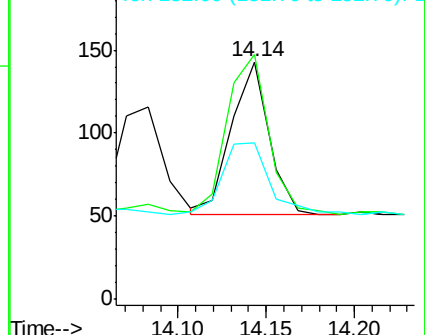
152 58.8 44.0 66.0

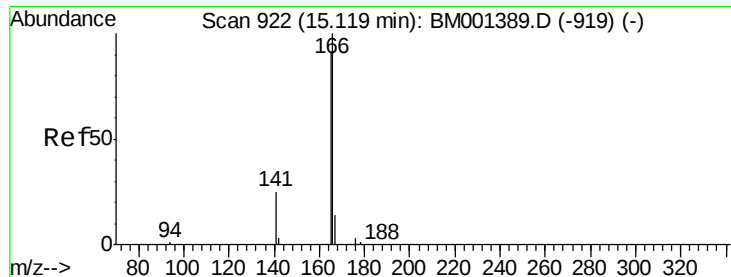


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

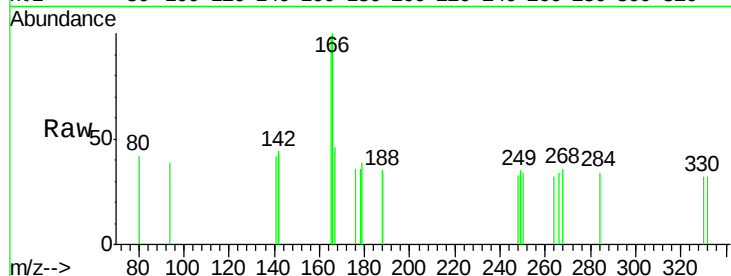




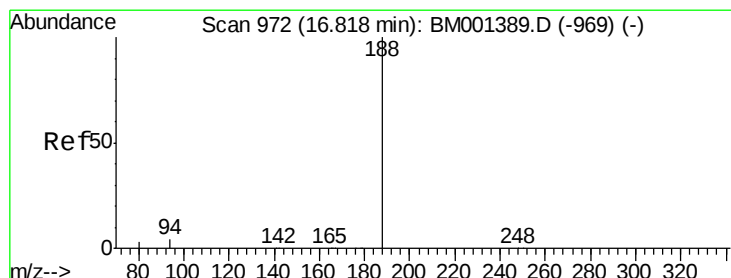
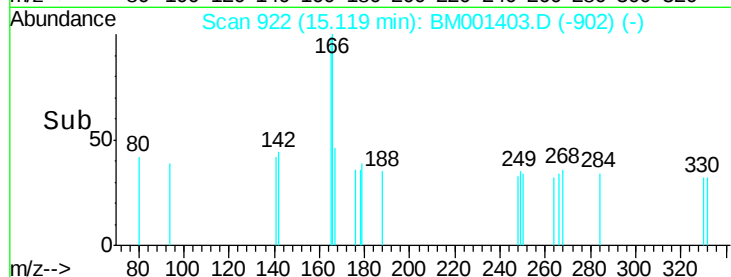
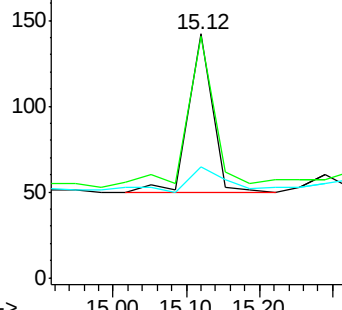
#17
Fluorene
 Concen: 0.08 ng
 RT: 15.12 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BM001403.D
 Acq: 23 May 2015 04:37

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512RE

Tgt Ion:166 Resp: 206
 Ion Ratio Lower Upper
 166 100
 165 93.2 72.6 108.8
 167 0.0 10.9 16.3#

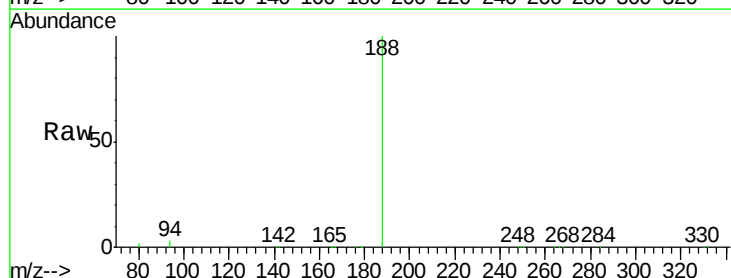


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

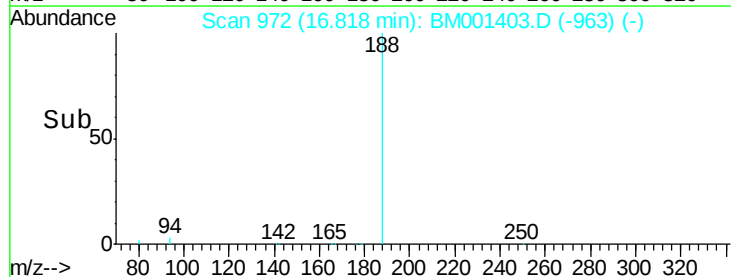
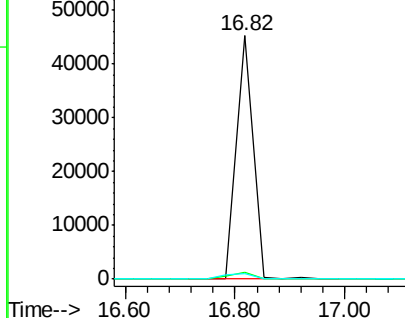


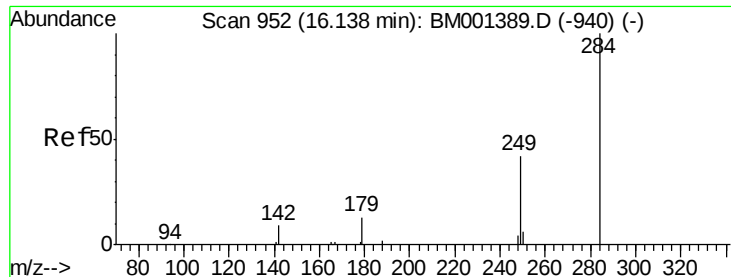
#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.82 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM001403.D
 Acq: 23 May 2015 04:37

Tgt Ion:188 Resp: 93552
 Ion Ratio Lower Upper
 188 100
 94 2.6 3.0 4.4#
 80 2.2 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: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001403.D

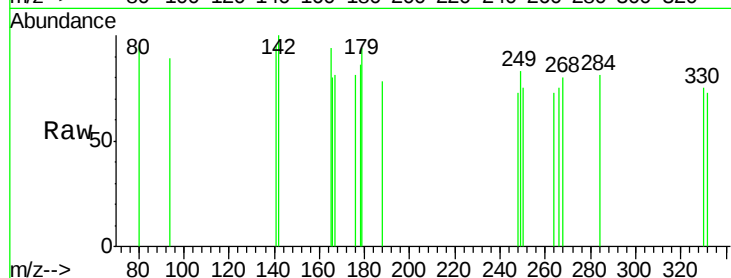
Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE



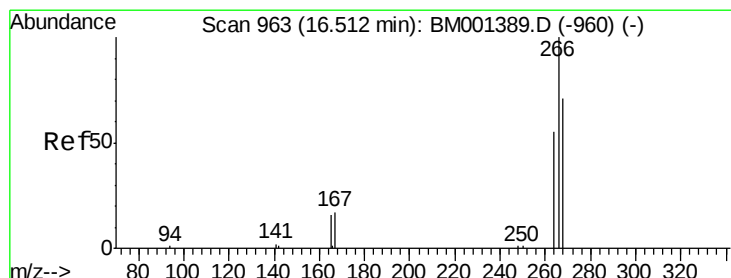
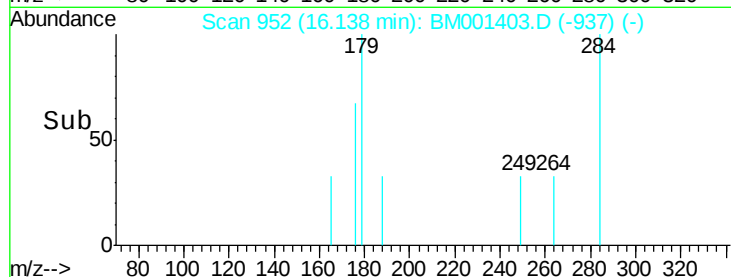
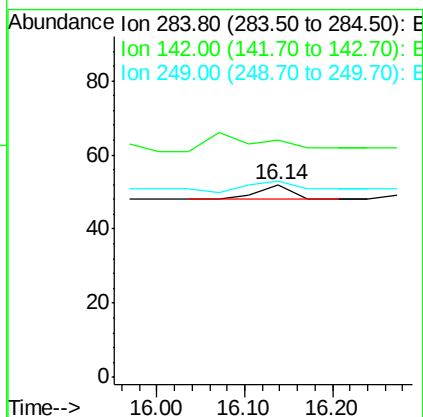
Tgt Ion: 284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

249 140.0 39.0 58.4#



#21

Pentachlorophenol

Concen: 0.52 ng

RT: 16.44 min Scan# 961

Delta R.T. -0.07 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

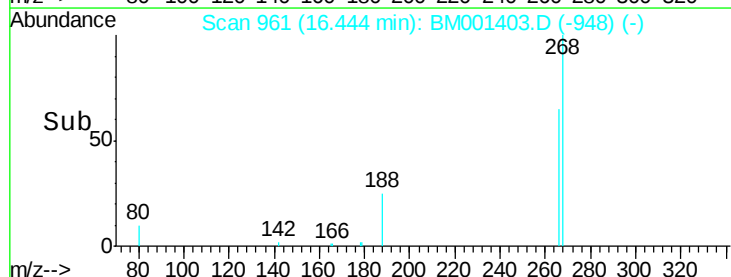
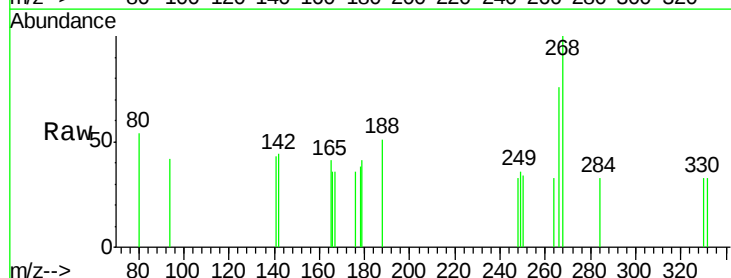
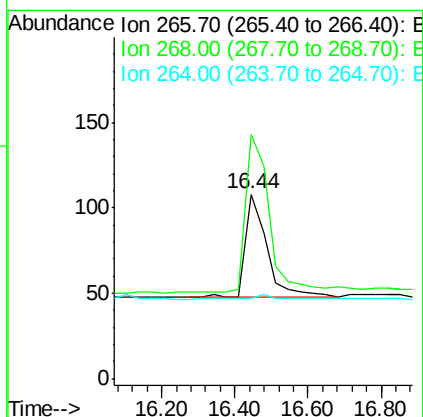
Tgt Ion: 266 Resp: 236

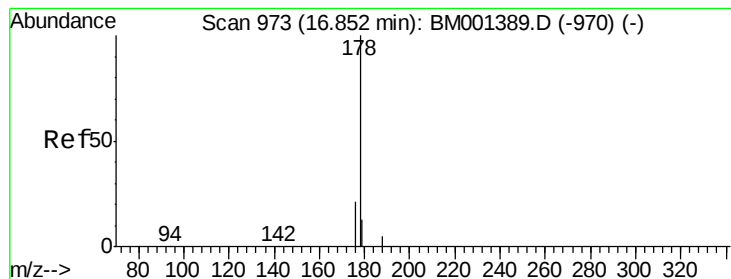
Ion Ratio Lower Upper

266 100

268 132.4 63.0 94.4#

264 43.5 52.8 79.2#





#22

Phenanthrene

Concen: Below Cal

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

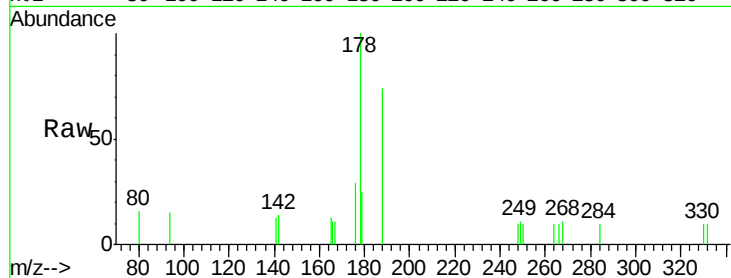
Tgt Ion:178 Resp: 927

Ion Ratio Lower Upper

178 100

176 19.7 16.8 25.2

179 21.4 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

16.85

400

300

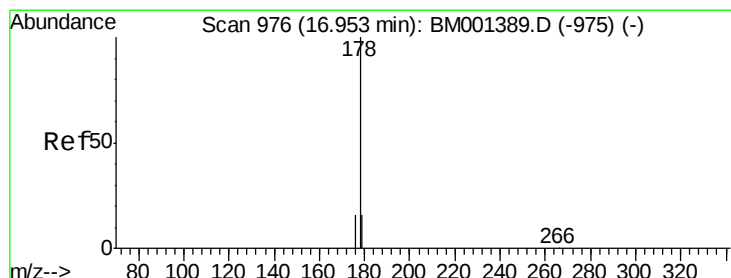
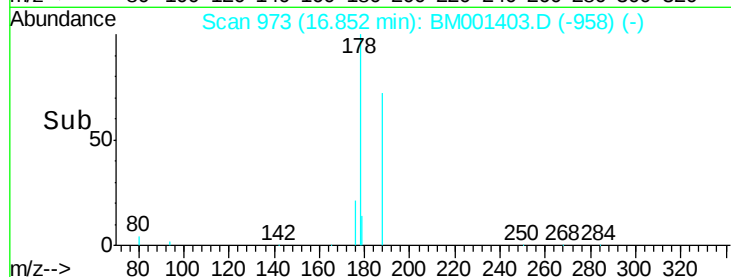
200

100

0

16.60 16.80 17.00

Time-->



#23

Anthracene

Concen: 0.01 ng

RT: 16.95 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

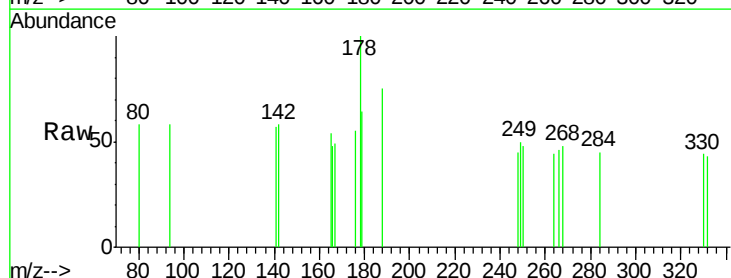
Tgt Ion:178 Resp: 118

Ion Ratio Lower Upper

178 100

176 15.3 13.1 19.7

179 50.0 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

16.95

400

300

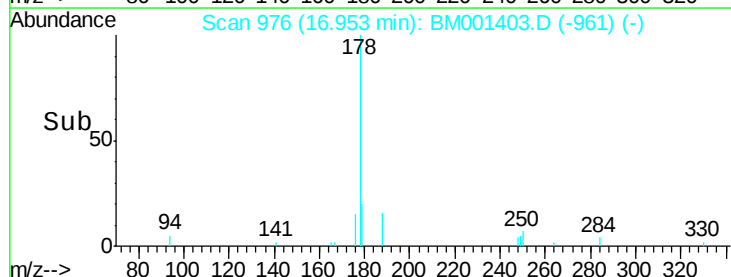
200

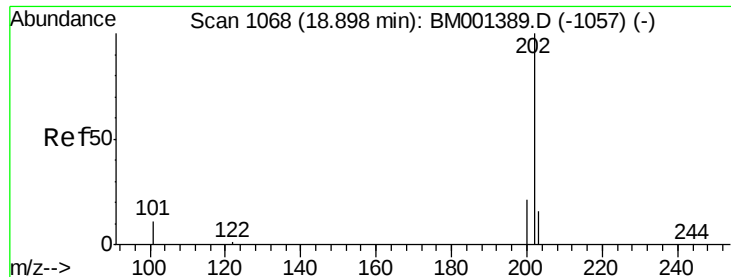
100

0

16.90 17.00

Time-->





#24

Fluoranthene

Concen: 0.01 ng

RT: 18.90 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

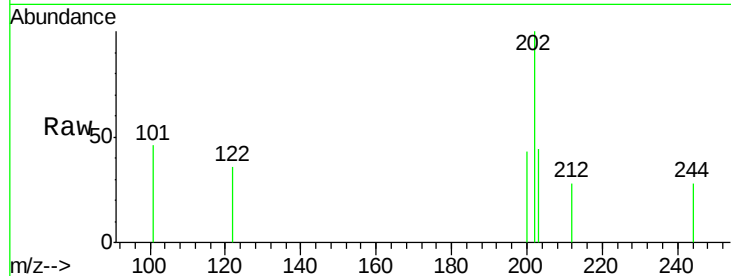
Tgt Ion:202 Resp: 163

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

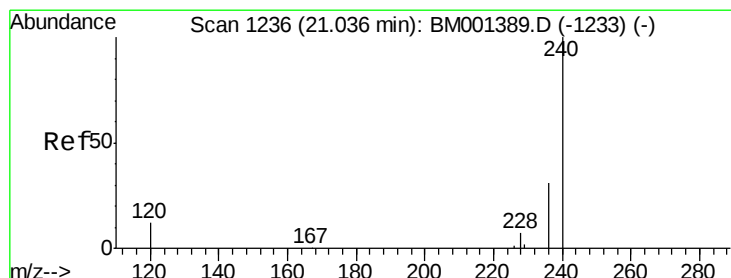
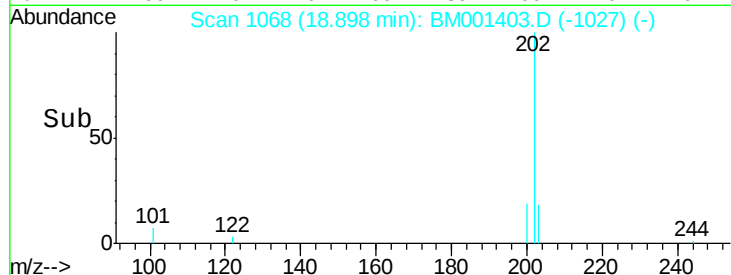
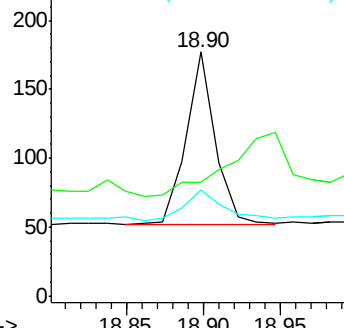
203 23.3 13.8 20.6#



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: BM001403.D

Acq: 23 May 2015 04:37

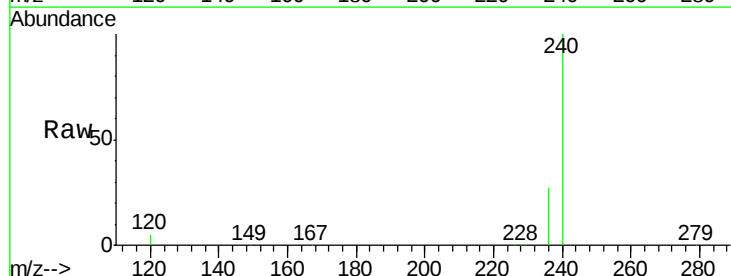
Tgt Ion:240 Resp: 55676

Ion Ratio Lower Upper

240 100

120 4.6 9.7 14.5#

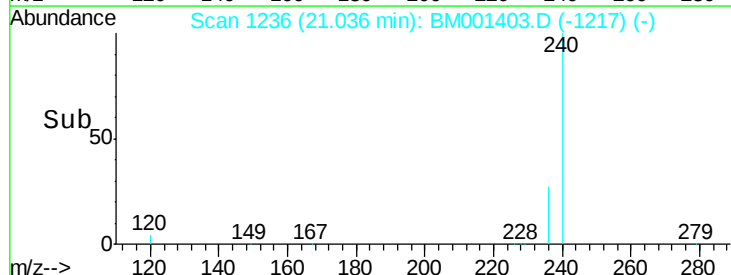
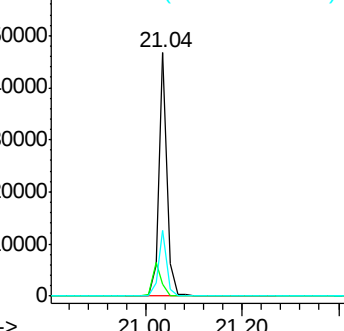
236 26.8 24.8 37.2

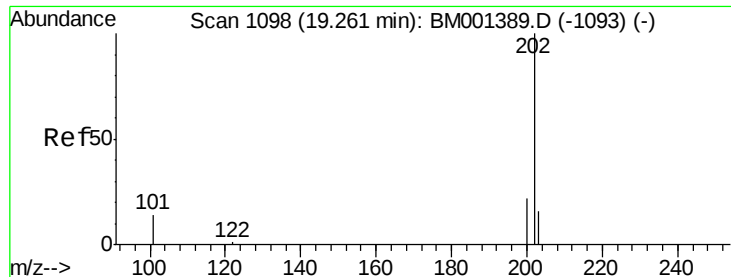


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.01 ng

RT: 19.26 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

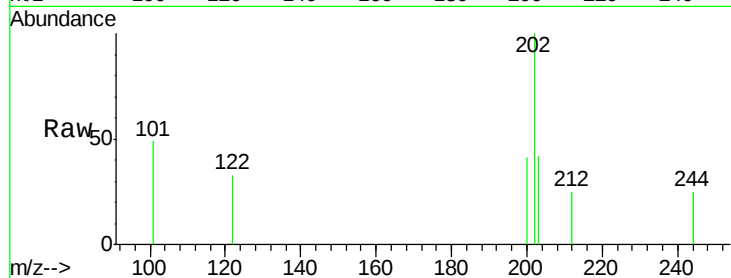
Tgt Ion: 202 Resp: 204

Ion Ratio Lower Upper

202 100

200 17.6 16.4 24.6

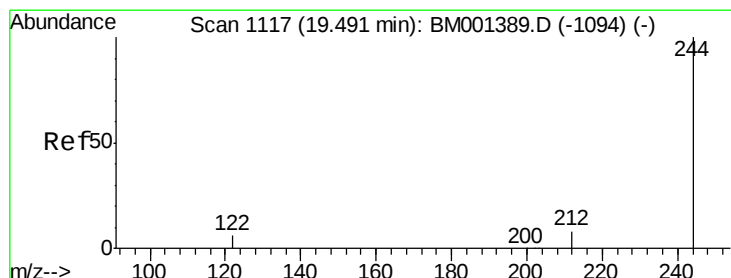
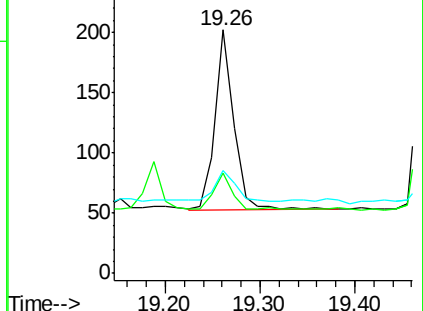
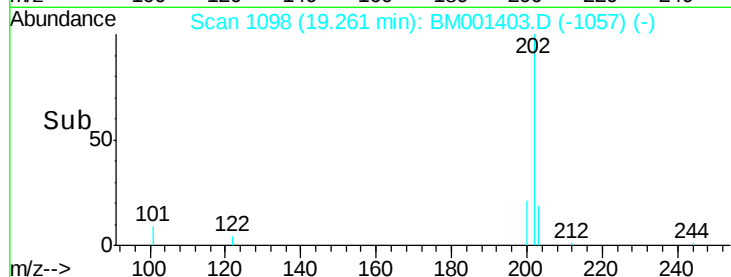
203 18.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Terphenyl-d14

Concen: 9.18 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

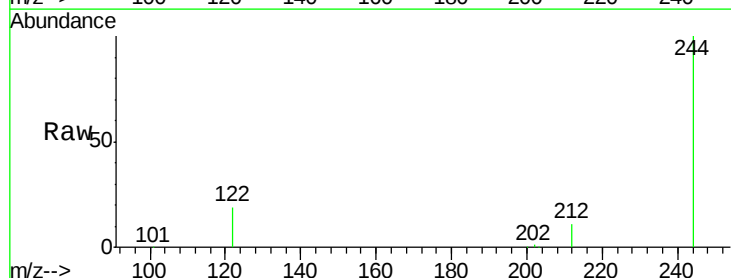
Tgt Ion: 244 Resp: 69171

Ion Ratio Lower Upper

244 100

212 10.8 7.2 10.8

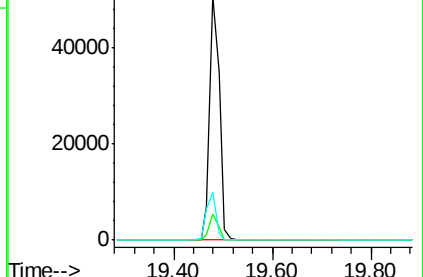
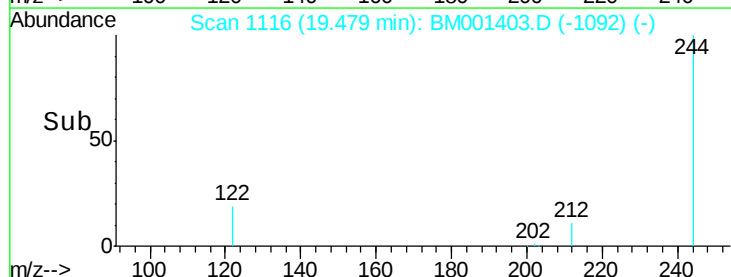
122 19.4 5.1 7.7#

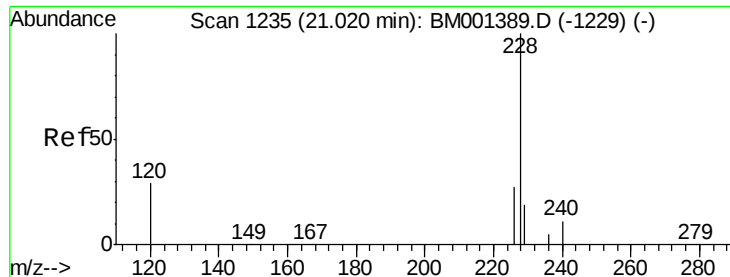


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.02 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

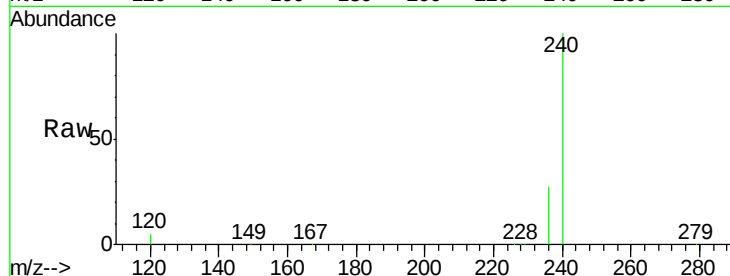
Tgt Ion:228 Resp: 334

Ion Ratio Lower Upper

228 100

226 37.2 21.9 32.9#

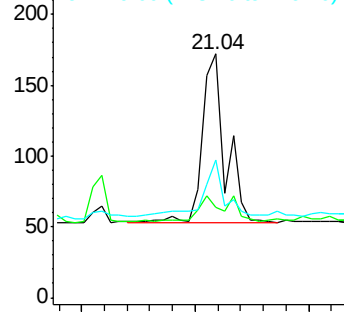
229 56.4 15.1 22.7#



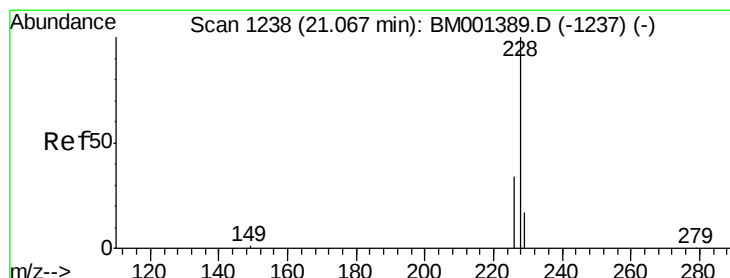
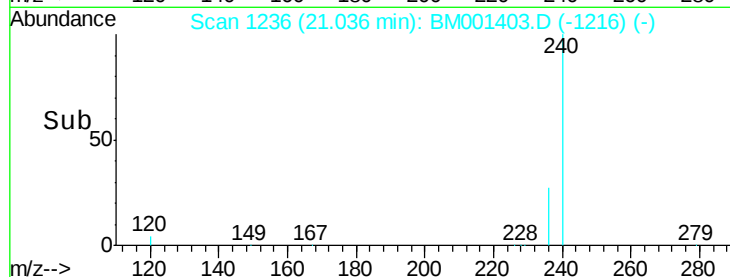
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#29

Chrysene

Concen: 0.02 ng

RT: 21.04 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

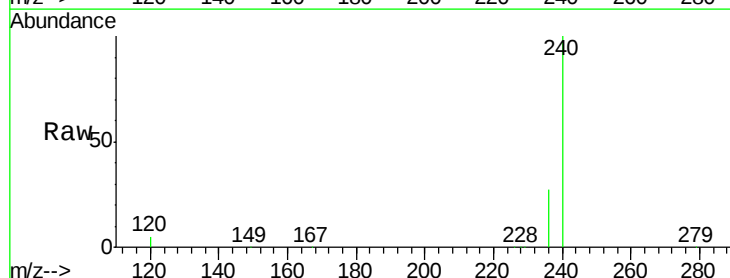
Tgt Ion:228 Resp: 334

Ion Ratio Lower Upper

228 100

226 37.2 27.6 41.4

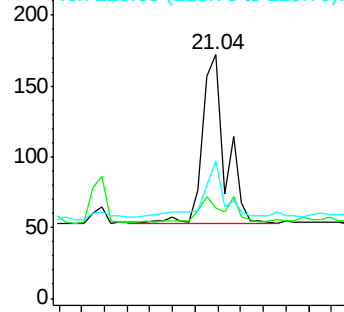
229 56.4 13.6 20.4#



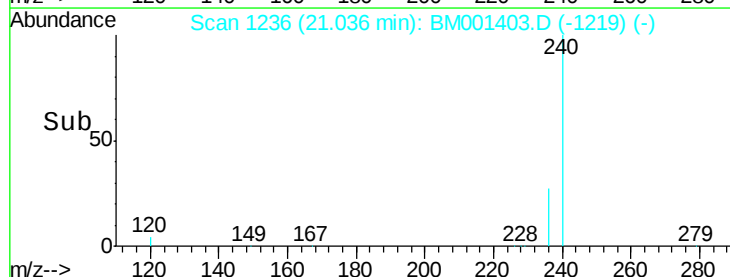
Abundance Ion 228.00 (227.70 to 228.70): E

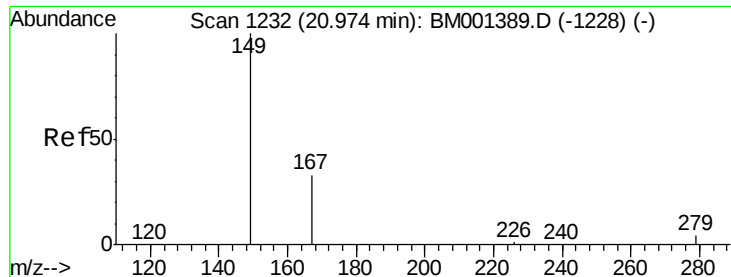
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 1.08 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

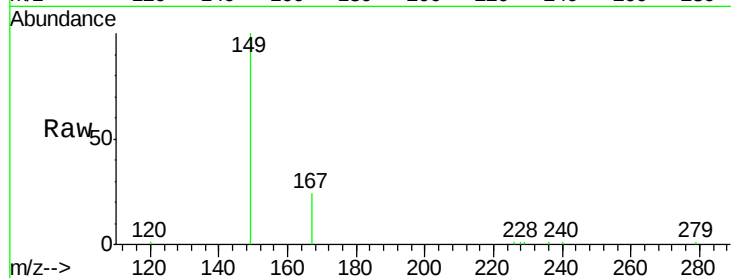
Tgt Ion:149 Resp: 9574

Ion Ratio Lower Upper

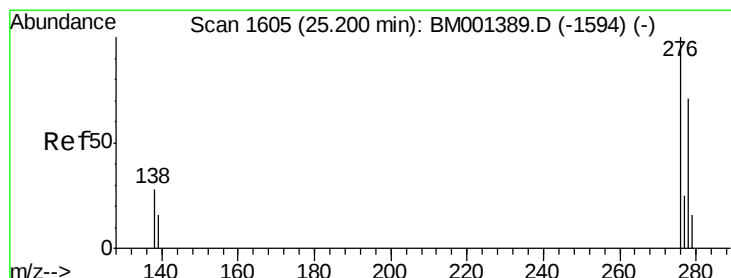
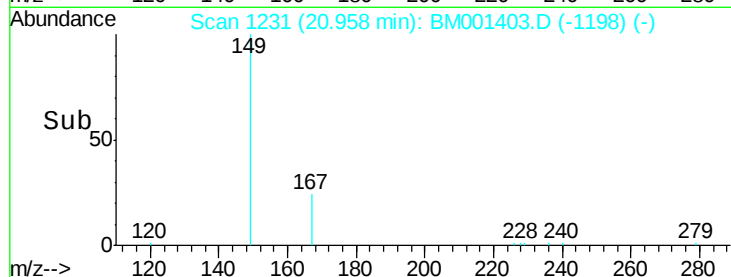
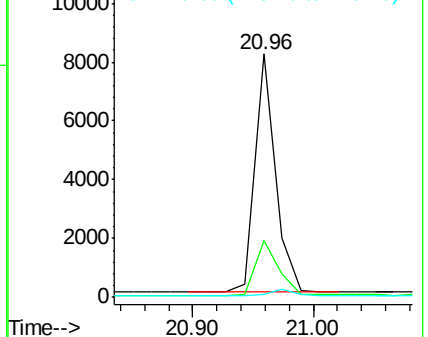
149 100

167 25.5 21.0 31.6

279 2.6 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: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

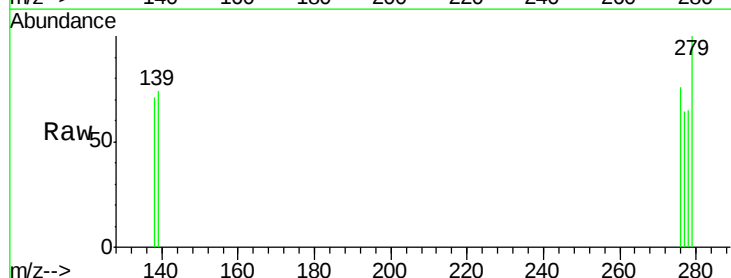
Tgt Ion:276 Resp: 65

Ion Ratio Lower Upper

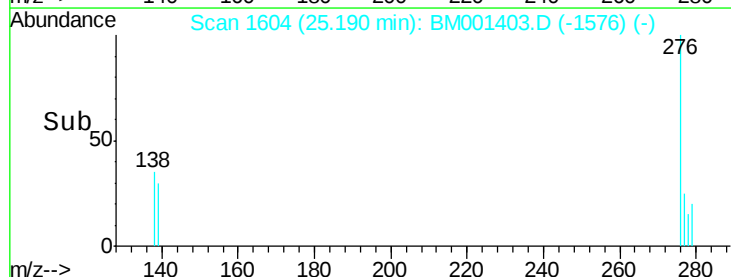
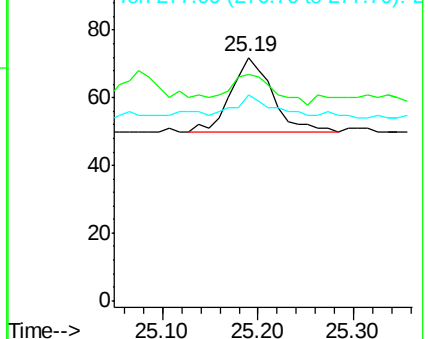
276 100

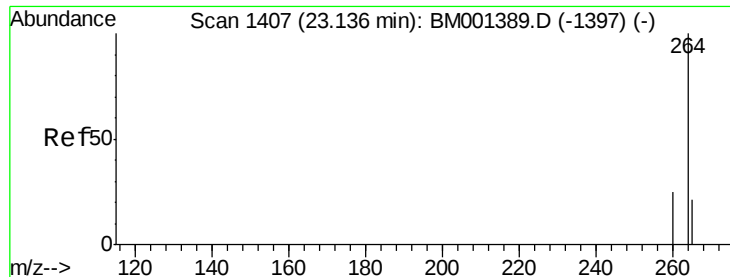
138 43.1 23.4 35.0#

277 30.8 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

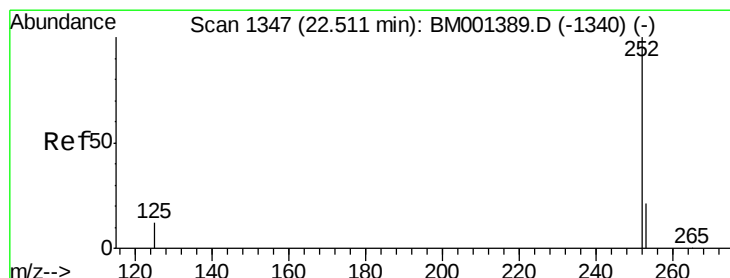
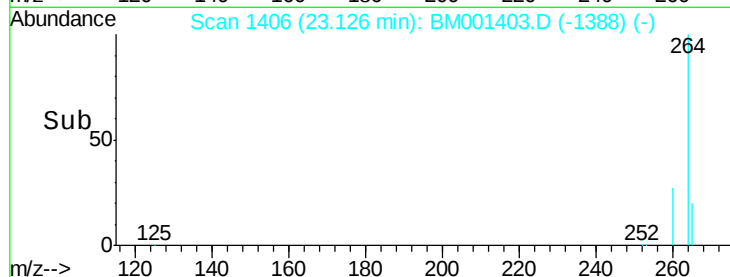
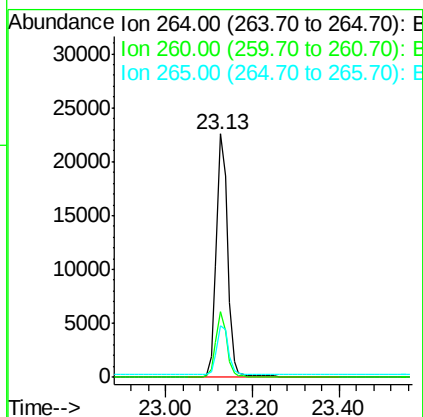
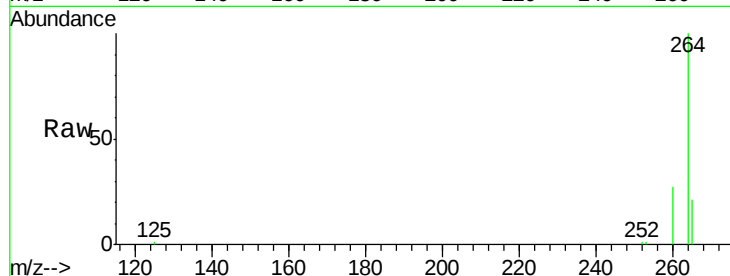




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.13 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM001403.D
Acq: 23 May 2015 04:37

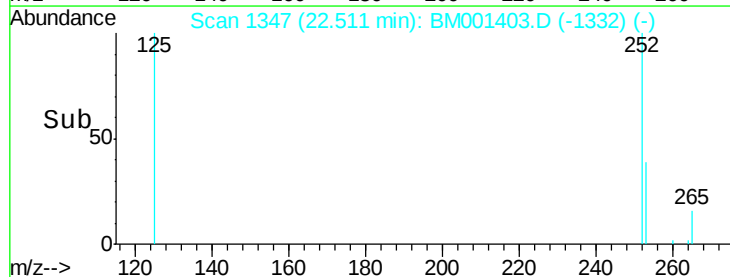
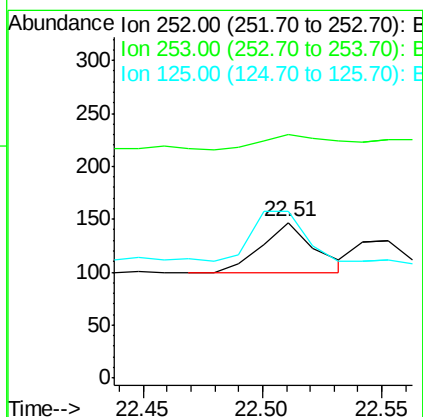
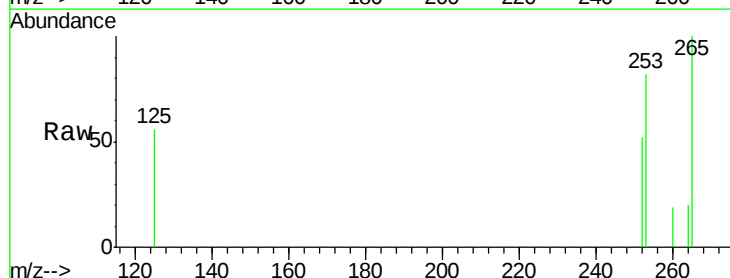
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512RE

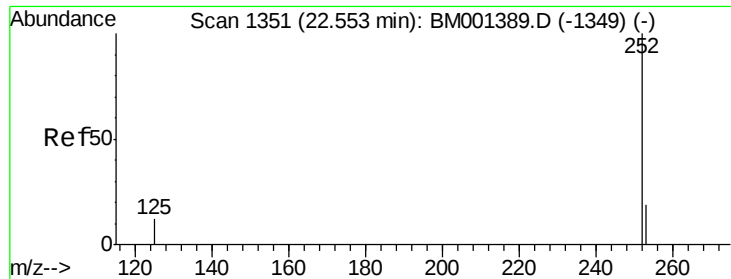
Tgt Ion: 264 Resp: 39461
Ion Ratio Lower Upper
264 100
260 26.8 20.1 30.1
265 21.1 17.1 25.7



#33
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.51 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM001403.D
Acq: 23 May 2015 04:37

Tgt Ion: 252 Resp: 75
Ion Ratio Lower Upper
252 100
253 156.5 17.4 26.0#
125 106.8 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: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

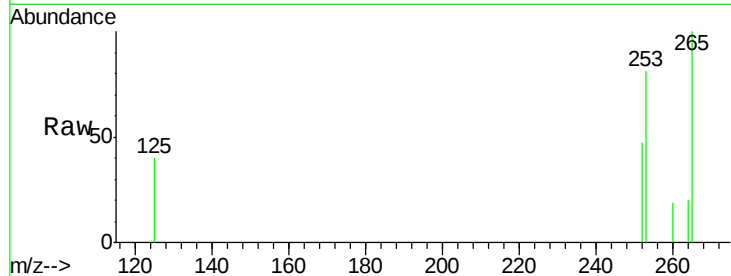
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 173.1 17.6 26.4#

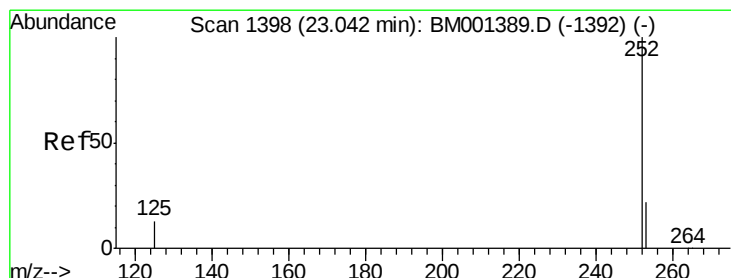
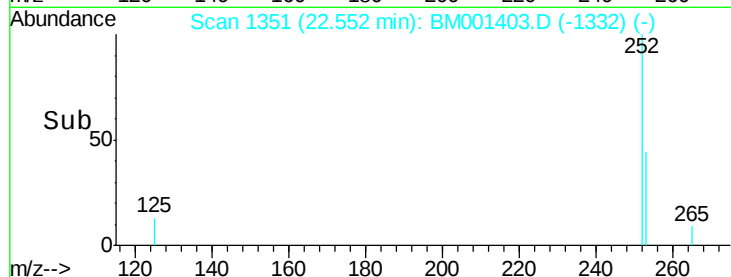
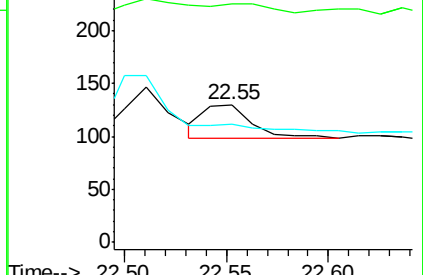
125 86.2 9.7 14.5#



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: BM001403.D

Acq: 23 May 2015 04:37

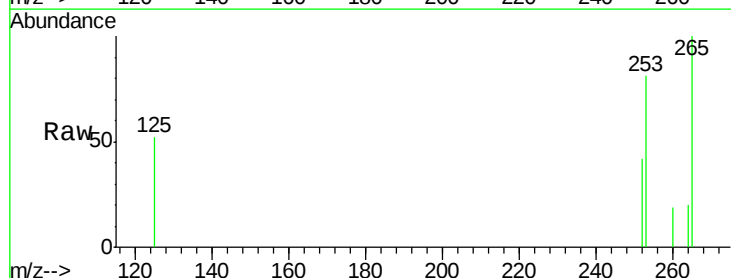
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 194.1 18.6 28.0#

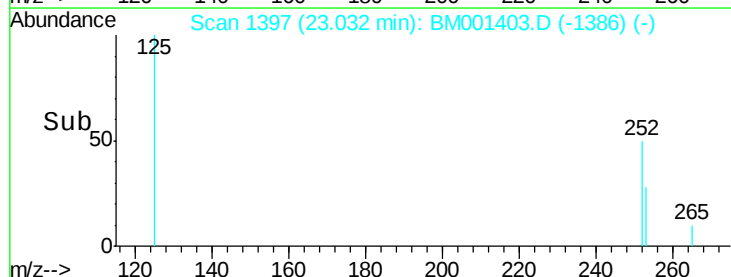
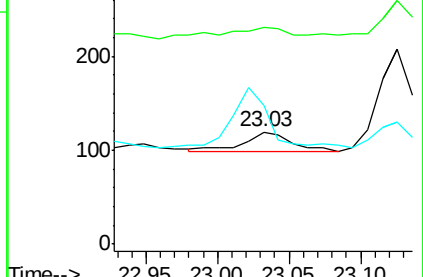
125 123.5 10.7 16.1#

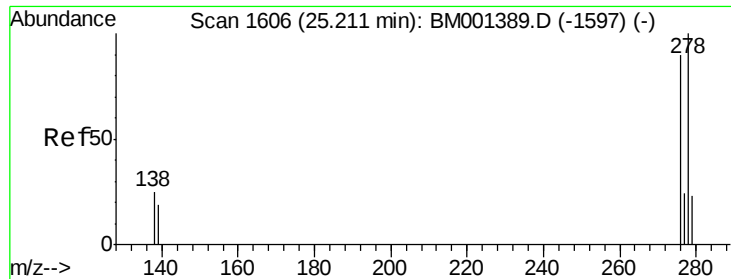


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.21 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

Instrument :

BNA_M

ClientSampleId :

SS043MW014-150512RE

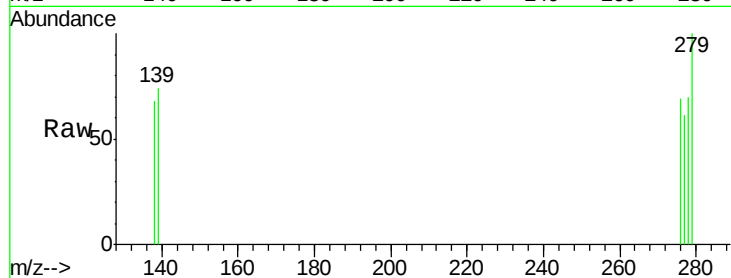
Tgt Ion: 278 Resp: 49

Ion Ratio Lower Upper

278 100

139 106.1 15.7 23.5#

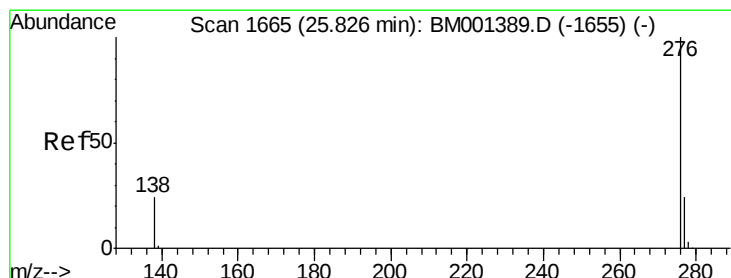
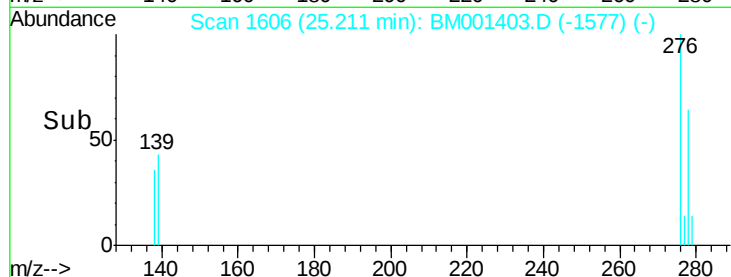
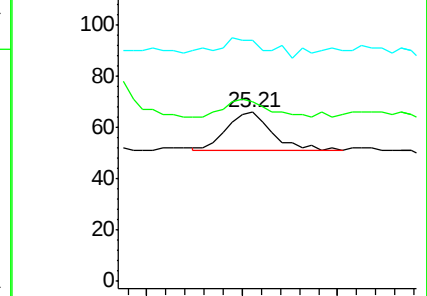
279 142.4 19.4 29.2#



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: 0.01 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001403.D

Acq: 23 May 2015 04:37

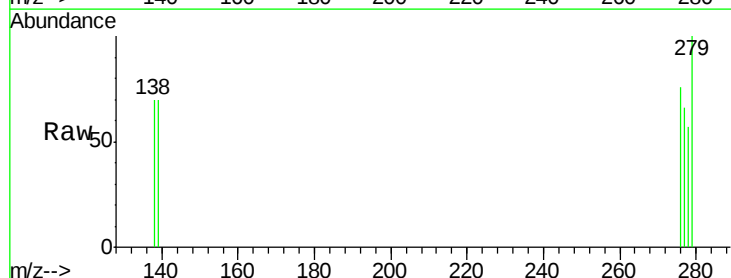
Tgt Ion: 276 Resp: 66

Ion Ratio Lower Upper

276 100

277 86.8 19.8 29.6#

138 92.6 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

