

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001401.D
 Acq On : 23 May 2015 03:26
 Operator : TP/IZ
 Sample : G2255-10 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-150512

Quant Time: May 25 08:24:54 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	14935	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	56514	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	27483	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	87825	5.00	ng	0.00
25) Chrysene-d12	21.04	240	45436	5.00	ng	0.00
32) Perylene-d12	23.13	264	38734	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	1039	0.35	ng	0.02
5) Phenol-d6	6.63	99	1313	0.38	ng	0.03
7) Nitrobenzene-d5	8.57	82	2873	0.88	ng	0.01
13) 2,4,6-Tribromophenol	15.60	330	669	0.78	ng	0.00
14) 2-Fluorobiphenyl	12.70	172	3772	0.45	ng	0.01
27) Terphenyl-d14	19.48	244	2769	0.45	ng	-0.01

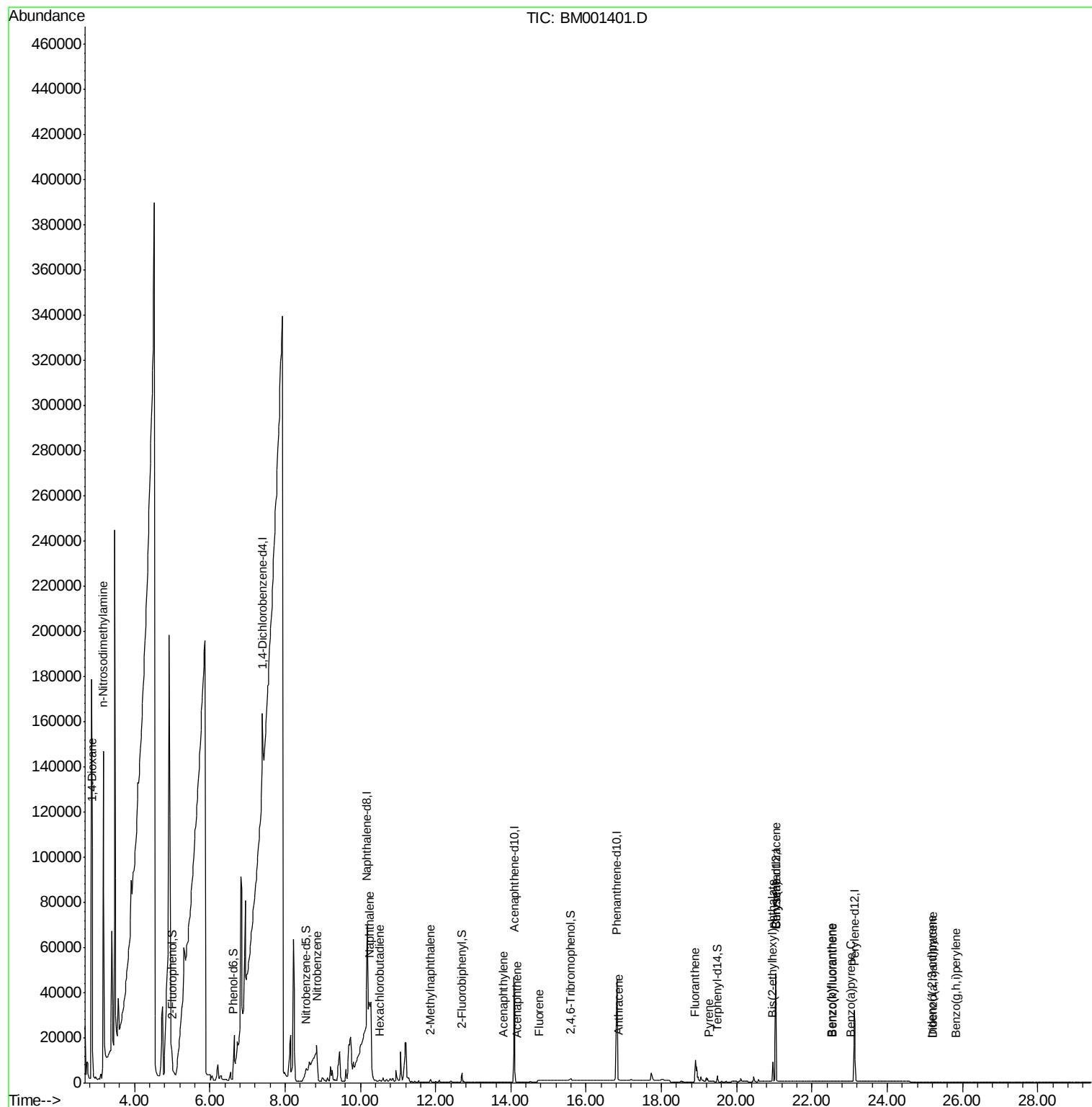
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	110903	102.66	ng	96
3) n-Nitrosodimethylamine	3.17	42	16920	8.87	ng	# 6
8) Nitrobenzene	8.85	77	7039	2.04	ng	# 5
9) Naphthalene	10.23	128	12086	1.01	ng	# 1
10) Hexachlorobutadiene	10.52	225	6	0.00	ng	# 35
11) 2-Methylnaphthalene	11.87	142	973	0.12	ng	# 90
15) Acenaphthylene	13.81	152	283	0.02	ng	# 48
16) Acenaphthene	14.16	154	34	0.00	ng	# 41
17) Fluorene	14.75	166	455	0.09	ng	# 12
19) 4-Bromophenyl-phenylether	16.00	248	2	Below Cal		# 1
20) Hexachlorobenzene	16.14	284	26	Below Cal		# 21
21) Pentachlorophenol	16.51	266	65	Below Cal		# 69
22) Phenanthrene	16.85	178	132	Below Cal		# 81
23) Anthracene	16.85	178	132	0.01	ng	# 81
24) Fluoranthene	18.90	202	393	0.02	ng	# 65
26) Pyrene	19.26	202	45	0.00	ng	# 58
28) Benzo(a)anthracene	21.04	228	191	0.01	ng	# 39
29) Chrysene	21.04	228	191	0.02	ng	# 52
30) Bis(2-ethylhexyl)phthalate	20.96	149	8024	1.11	ng	98
31) Indeno(1,2,3-cd)pyrene	25.19	276	69	0.01	ng	# 48
33) Benzo(b)fluoranthene	22.51	252	71	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.54	252	36	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	48	0.00	ng	# 1

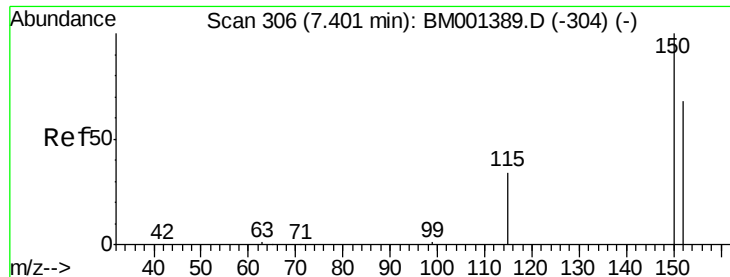
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001401.D
Acq On : 23 May 2015 03:26
Operator : TP/IZ
Sample : G2255-10 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
KY032MW006-150512

Quant Time: May 25 08:24:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

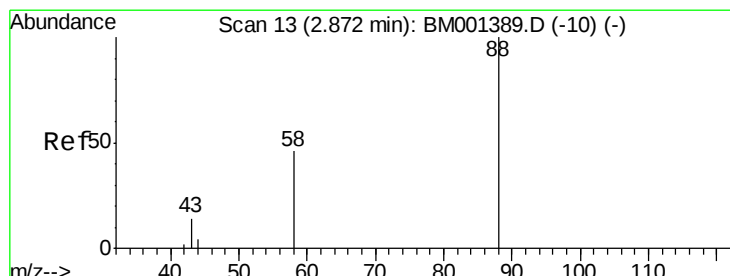
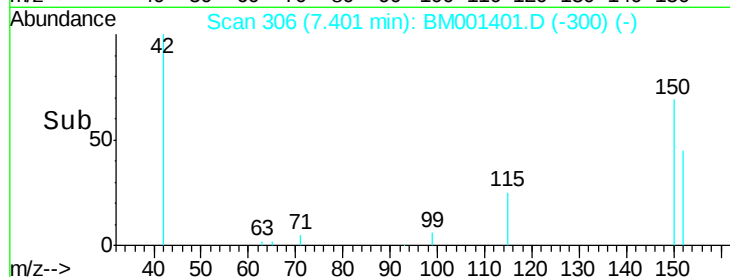
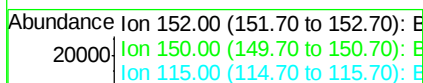
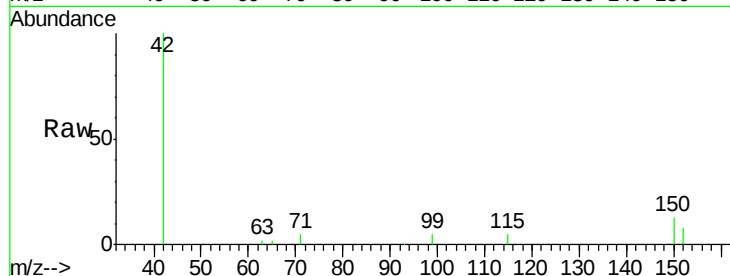
Tgt Ion:152 Resp: 14935

Ion Ratio Lower Upper

152 100

150 153.3 119.0 178.6

115 60.0 41.8 62.8



#2

1,4-Dioxane

Concen: 102.66 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

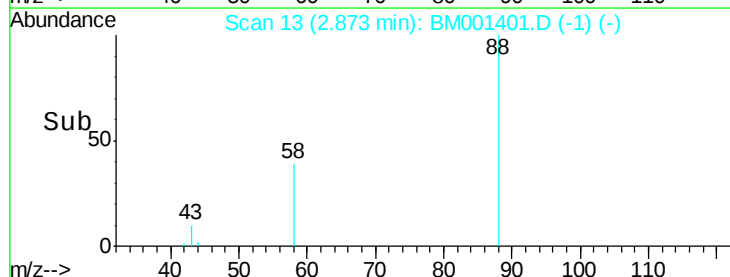
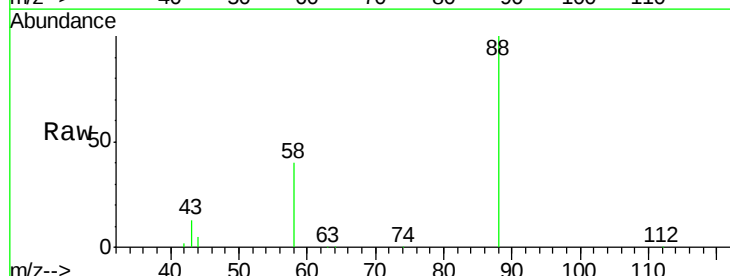
Tgt Ion: 88 Resp: 110903

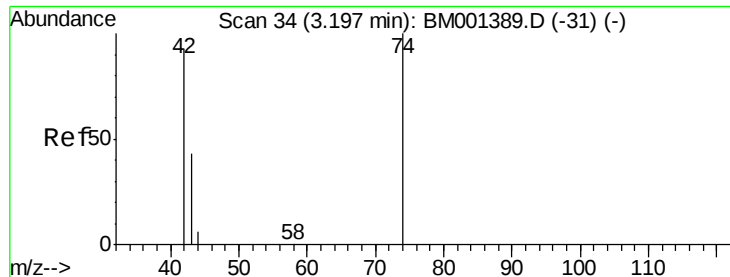
Ion Ratio Lower Upper

88 100

58 94.1 71.3 106.9

43 44.7 35.5 53.3





#3

n-Nitrosodimethylamine

Concen: 8.87 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.03 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

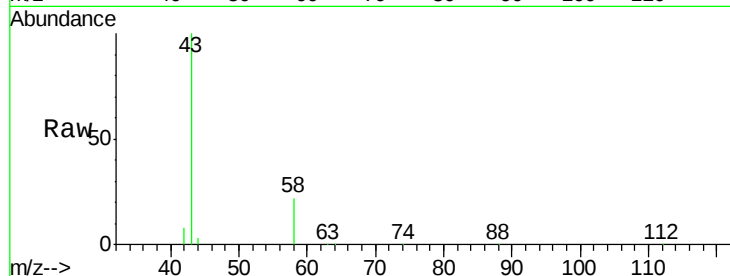
Tgt Ion: 42 Resp: 16920

Ion Ratio Lower Upper

42 100

74 0.0 72.2 108.2#

44 34.3 6.2 9.2#

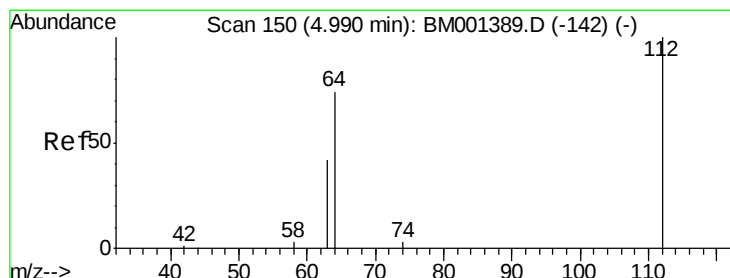
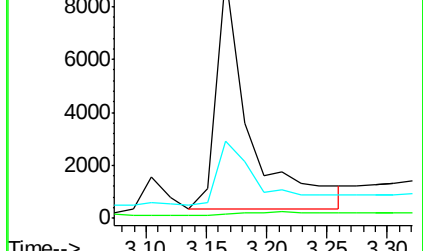
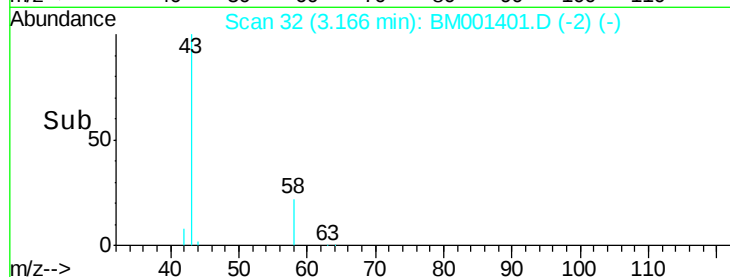


Abundance Ion 42.00 (41.70 to 42.70): BM001389.D (-31) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.01 min Scan# 151

Delta R.T. 0.02 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

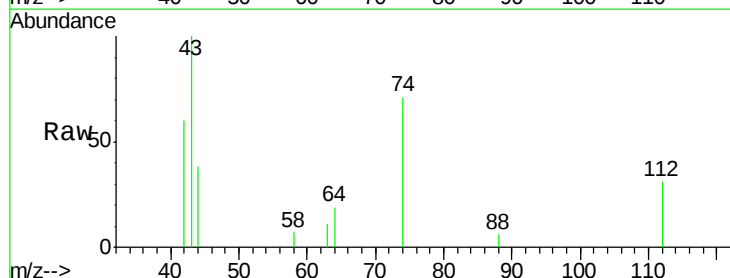
Tgt Ion: 112 Resp: 1039

Ion Ratio Lower Upper

112 100

64 70.2 51.7 77.5

63 61.1 29.7 44.5#

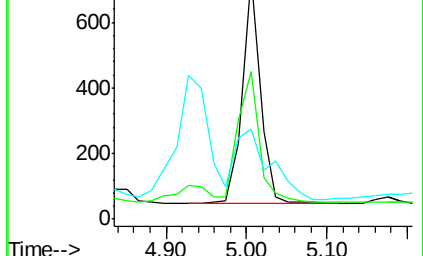
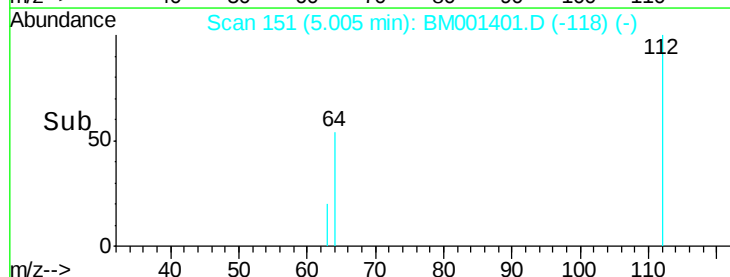


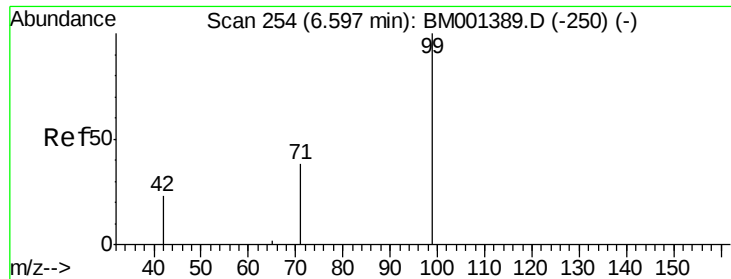
Abundance Ion 112.00 (111.70 to 112.70): BM001389.D (-142) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.03 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

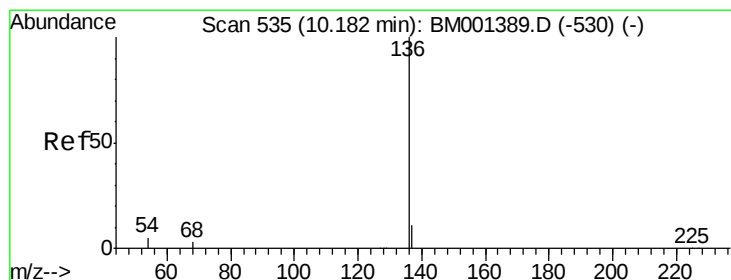
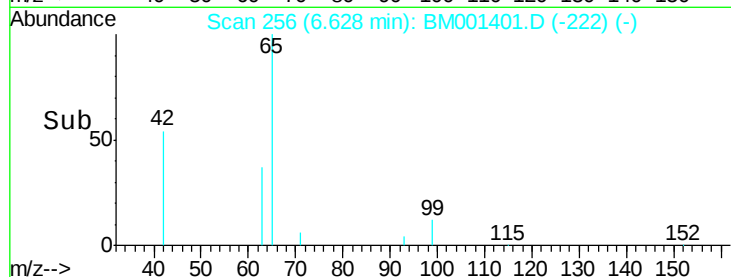
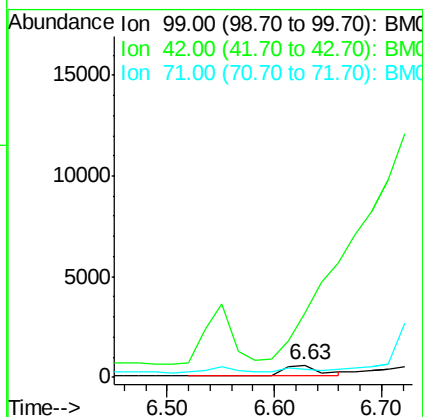
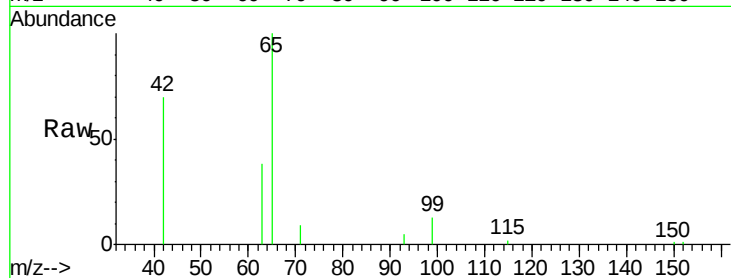
Tgt Ion: 99 Resp: 1313

Ion Ratio Lower Upper

99 100

42 0.0 21.8 32.6#

71 0.0 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: BM001401.D

Acq: 23 May 2015 03:26

Tgt Ion: 136 Resp: 56514

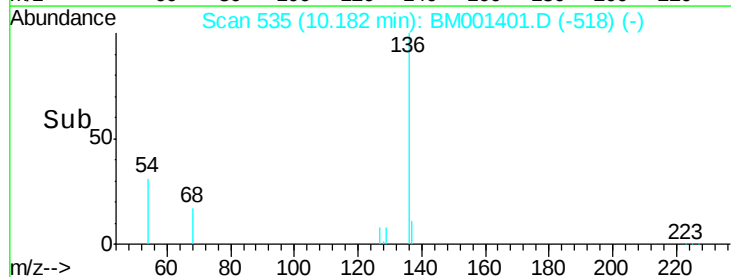
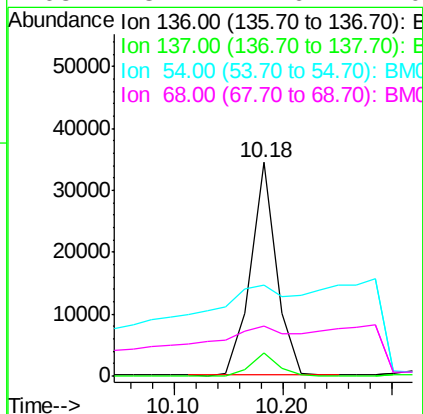
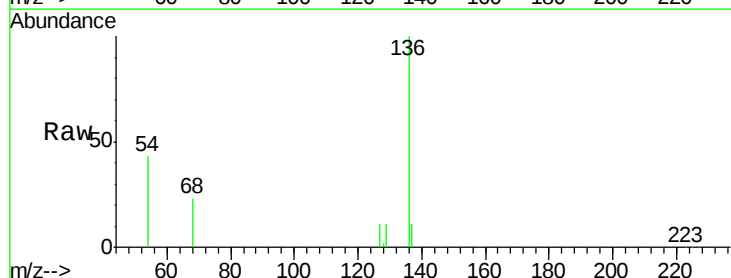
Ion Ratio Lower Upper

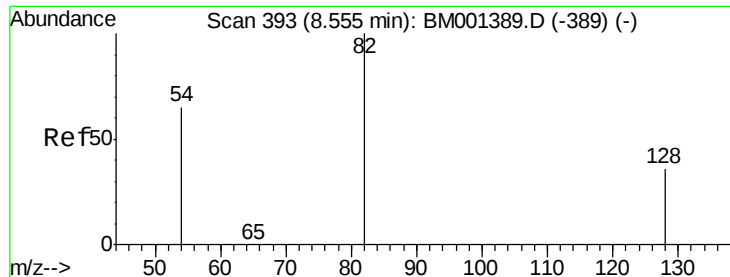
136 100

137 11.0 9.1 13.7

54 42.6 4.3 6.5#

68 23.1 2.6 4.0#





#7

Nitrobenzene-d5

Concen: 0.88 ng

RT: 8.57 min Scan# 394

Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

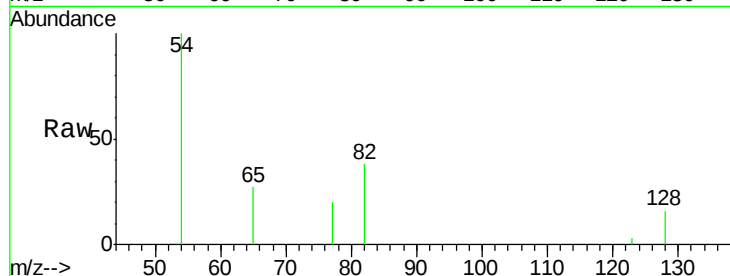
Tgt Ion: 82 Resp: 2873

Ion Ratio Lower Upper

82 100

128 41.8 30.2 45.4

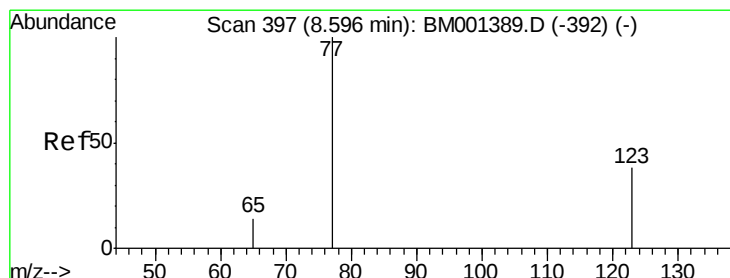
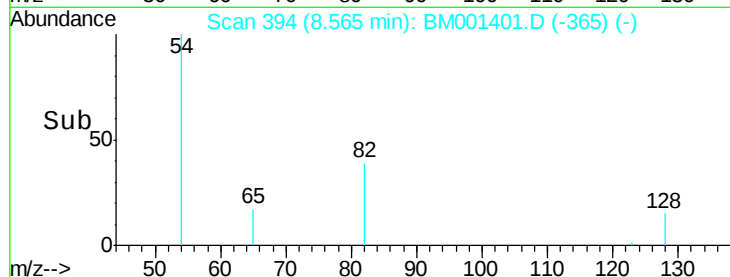
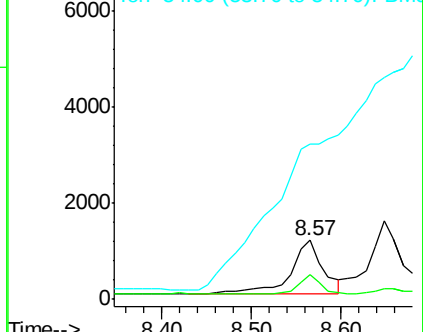
54 262.3 52.9 79.3#



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: 2.04 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.25 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

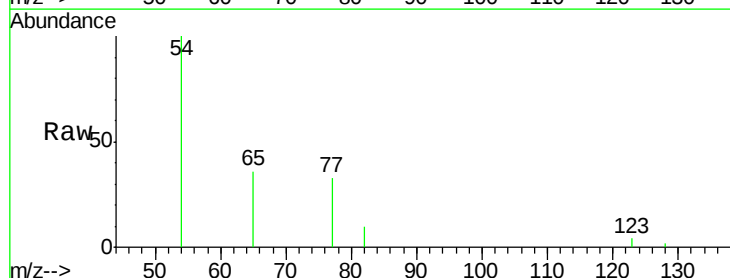
Tgt Ion: 77 Resp: 7039

Ion Ratio Lower Upper

77 100

123 8.6 33.7 50.5#

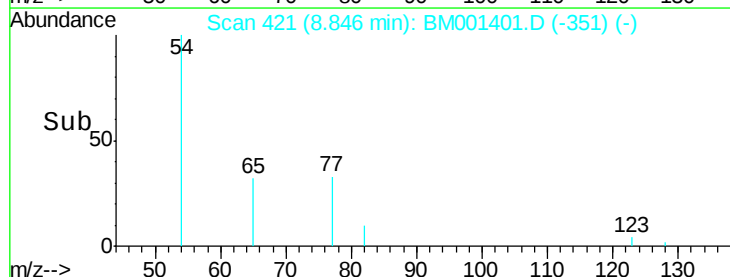
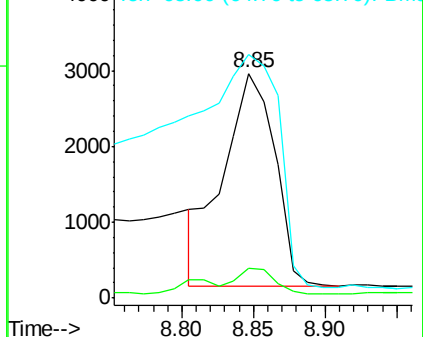
65 103.4 11.3 16.9#

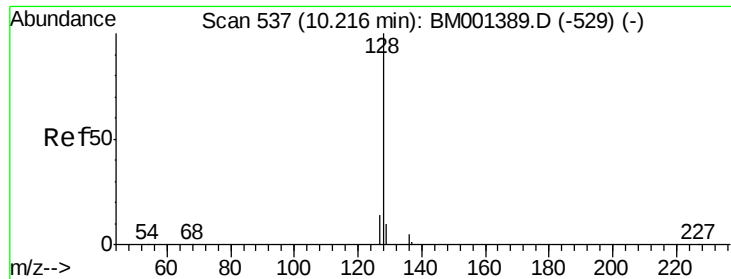


Abundance Ion 77.00 (76.70 to 77.70): BM001389.D (-392) (-)

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: 1.01 ng

RT: 10.23 min Scan# 538

Delta R.T. 0.02 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

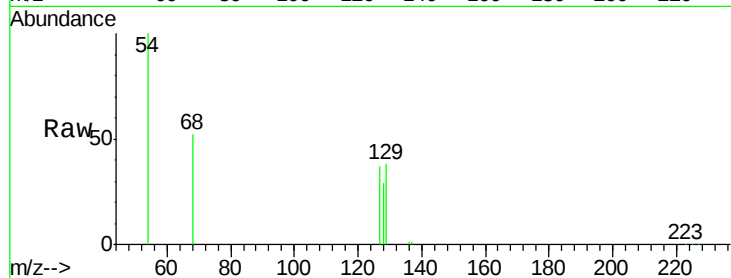
Tgt Ion:128 Resp: 12086

Ion Ratio Lower Upper

128 100

129 130.4 8.6 13.0#

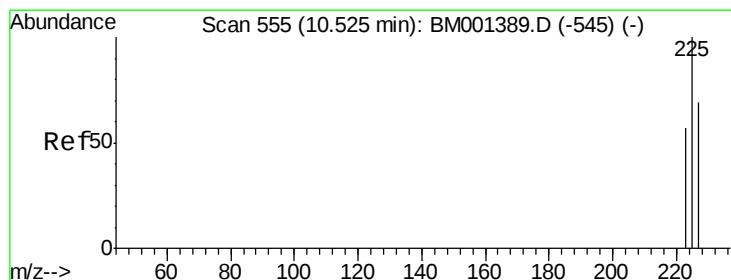
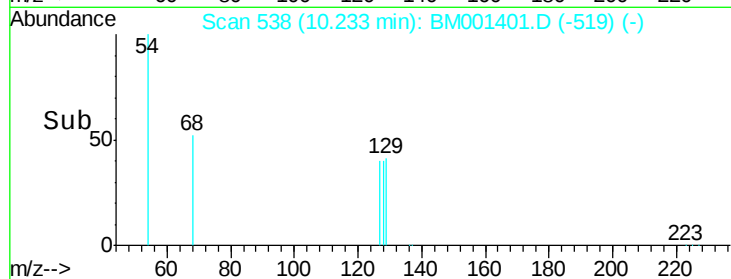
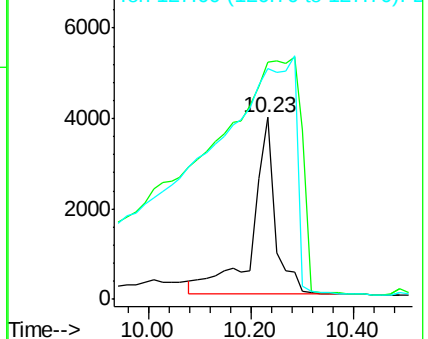
127 127.0 11.7 17.5#



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: 0.00 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

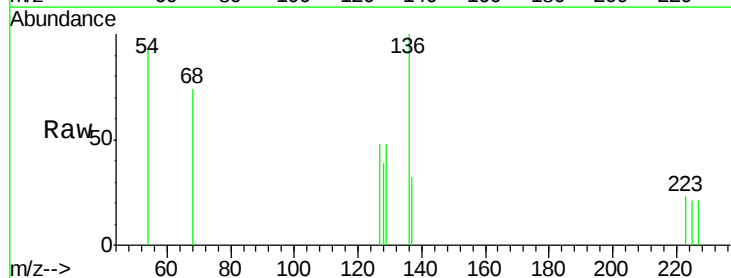
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 133.3 50.2 75.2#

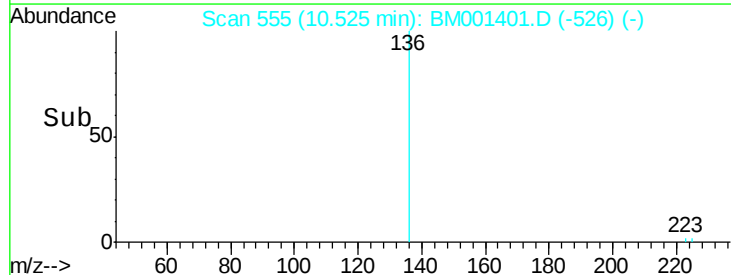
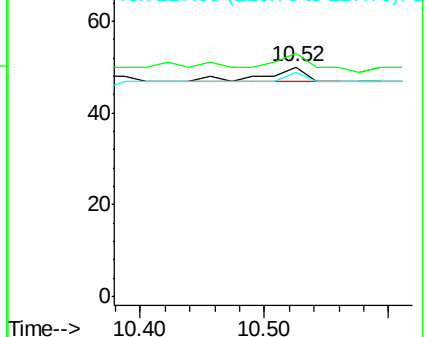
227 33.3 51.1 76.7#

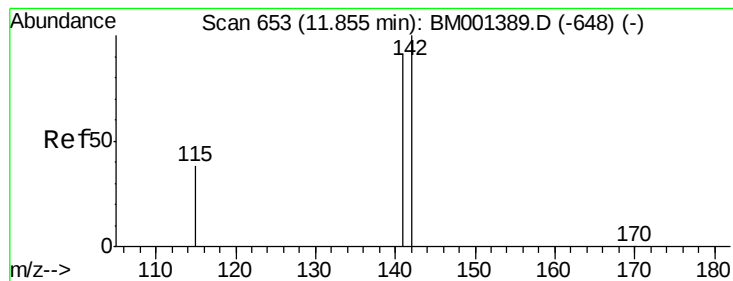


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.12 ng

RT: 11.87 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

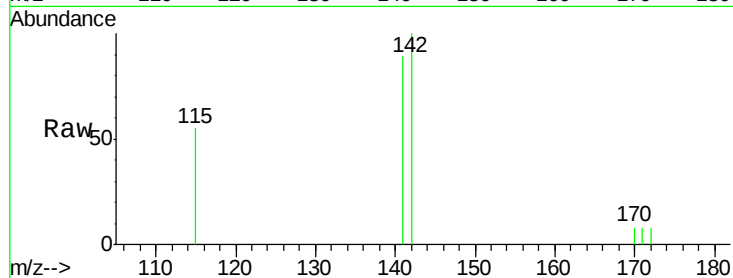
Tgt Ion:142 Resp: 973

Ion Ratio Lower Upper

142 100

141 88.8 72.6 109.0

115 55.4 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

11.87

600

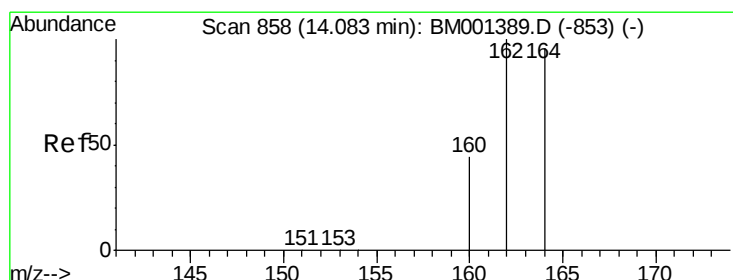
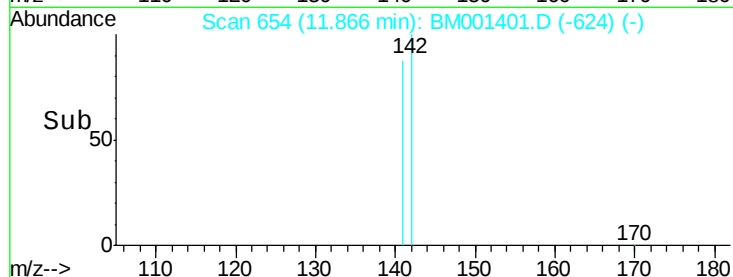
400

200

0

11.80 11.85 11.90 11.95

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

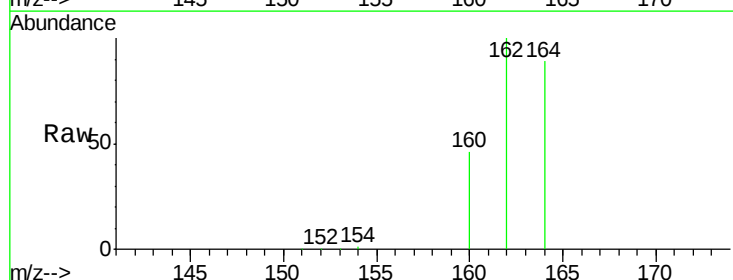
Tgt Ion:164 Resp: 27483

Ion Ratio Lower Upper

164 100

162 112.0 83.4 125.2

160 51.5 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

14.08

25000

20000

15000

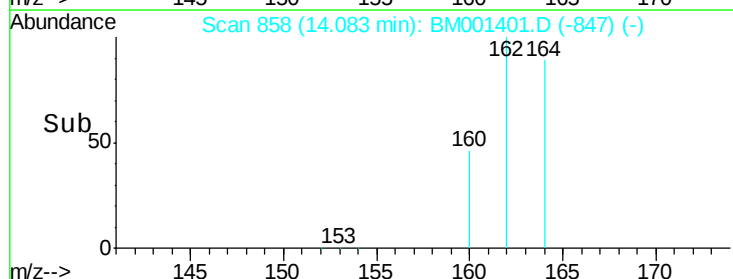
10000

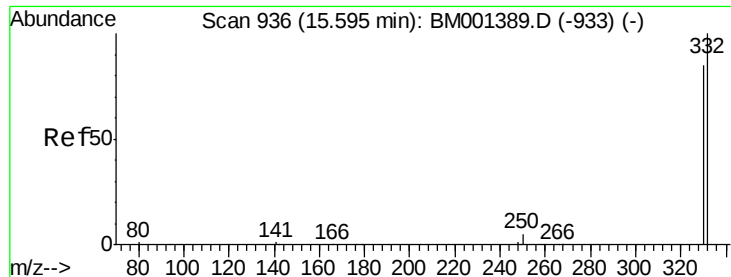
5000

0

14.00 14.20

Time-->

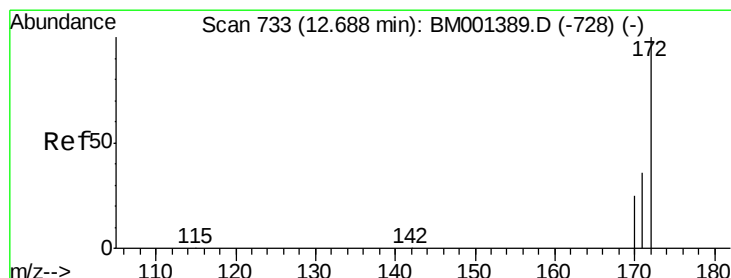
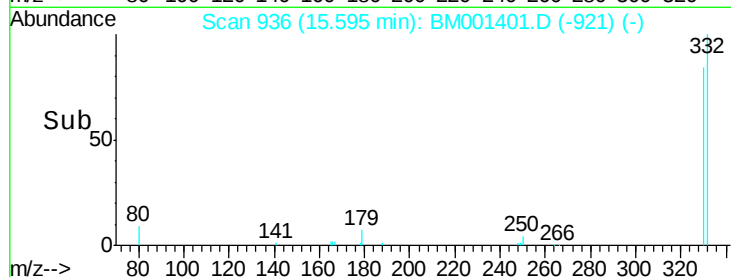
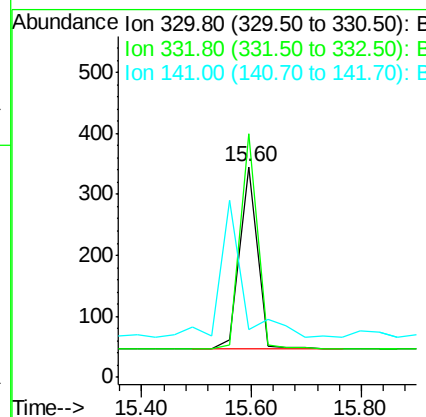
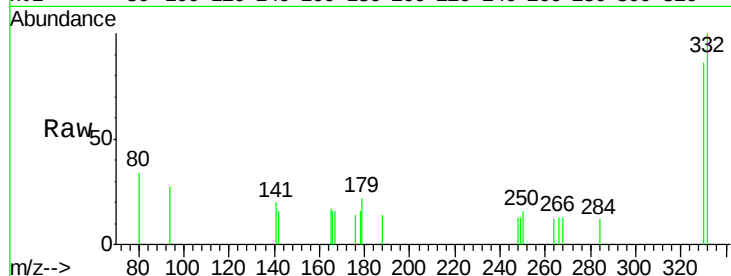




#13
 2,4,6-Tribromophenol
 Concen: 0.78 ng
 RT: 15.60 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

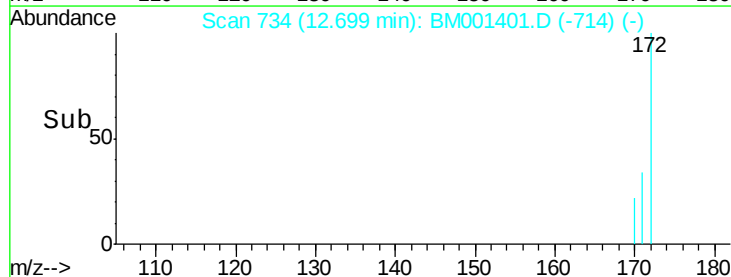
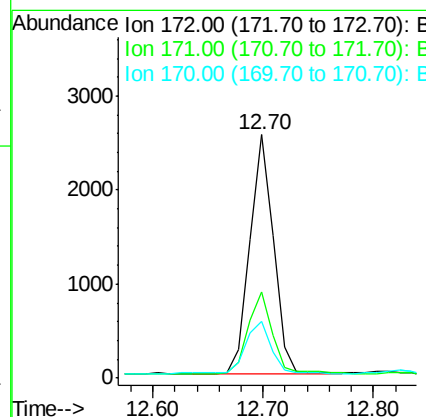
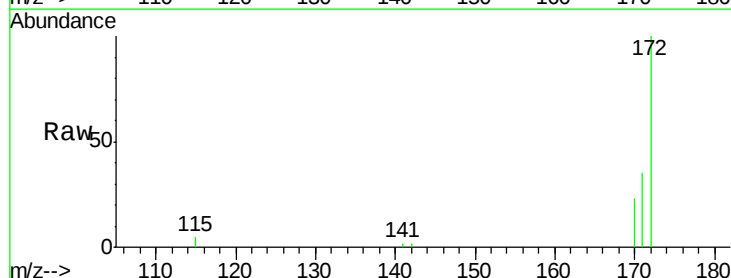
Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-150512

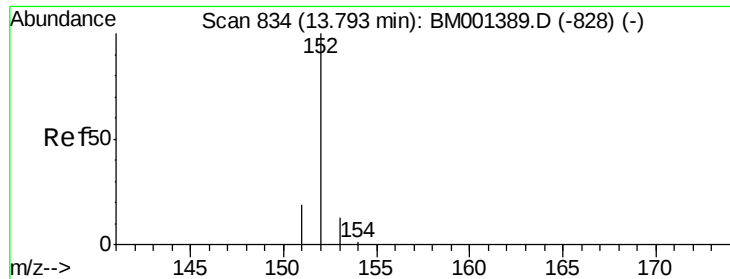
Tgt Ion:330 Resp: 669
 Ion Ratio Lower Upper
 330 100
 332 114.2 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.45 ng
 RT: 12.70 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

Tgt Ion:172 Resp: 3772
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.3 20.2 30.4





#15

Acenaphthylene

Concen: 0.02 ng

RT: 13.81 min Scan# 835

Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

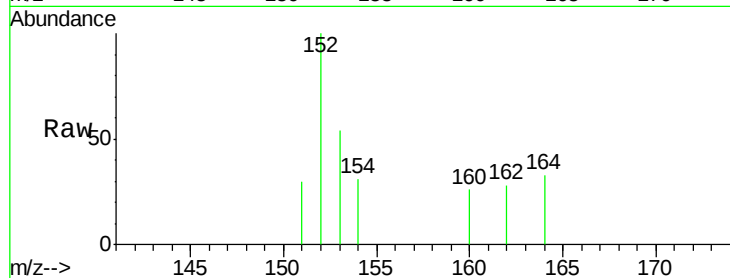
Tgt Ion:152 Resp: 283

Ion Ratio Lower Upper

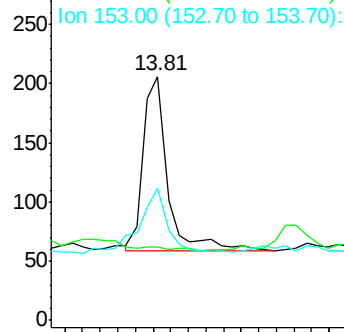
152 100

151 0.0 15.1 22.7#

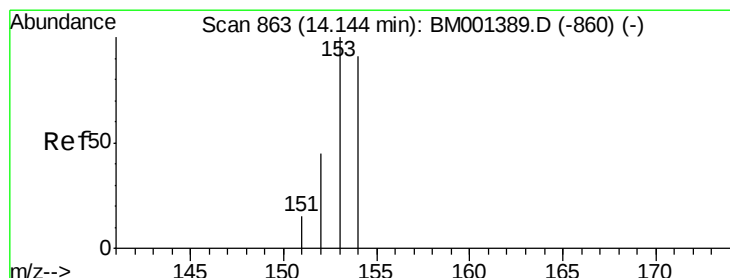
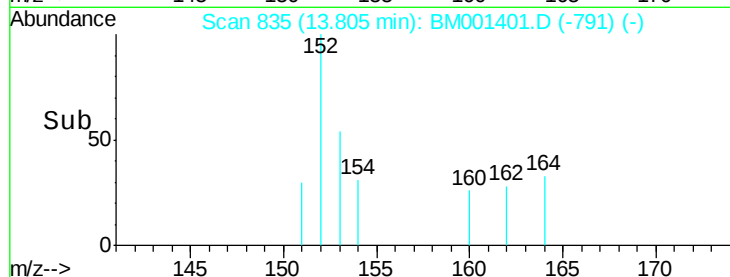
153 38.9 10.2 15.4#



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



Time--> 13.70 13.80 13.90



#16

Acenaphthene

Concen: 0.00 ng

RT: 14.16 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

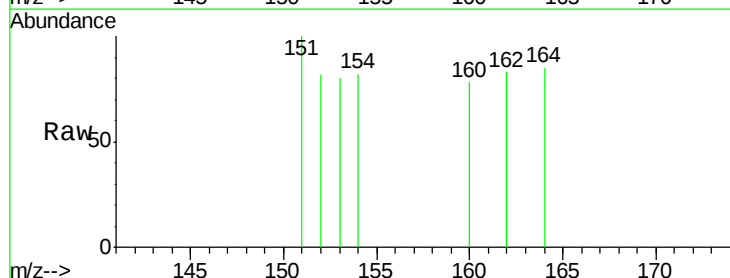
Tgt Ion:154 Resp: 34

Ion Ratio Lower Upper

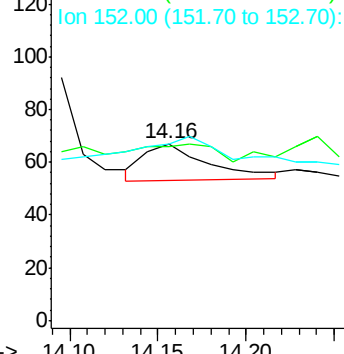
154 100

153 64.7 91.4 137.2#

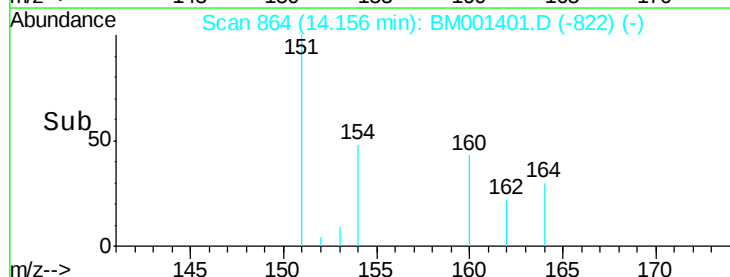
152 117.6 44.0 66.0#

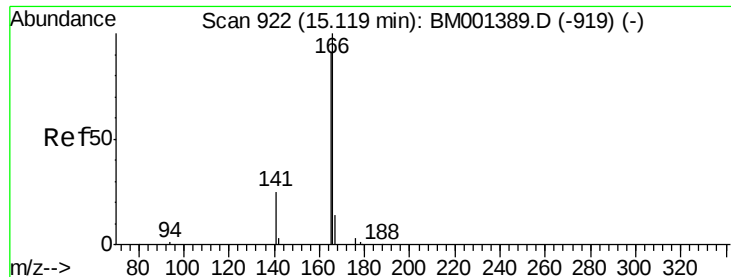


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time--> 14.10 14.15 14.20

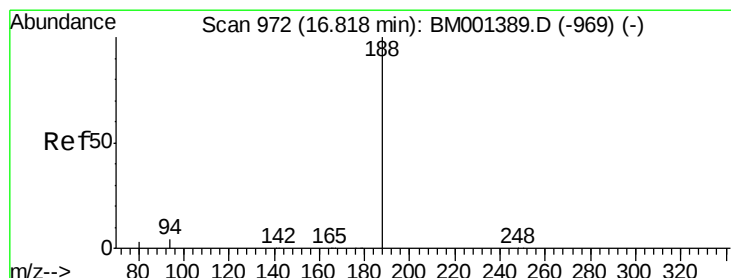
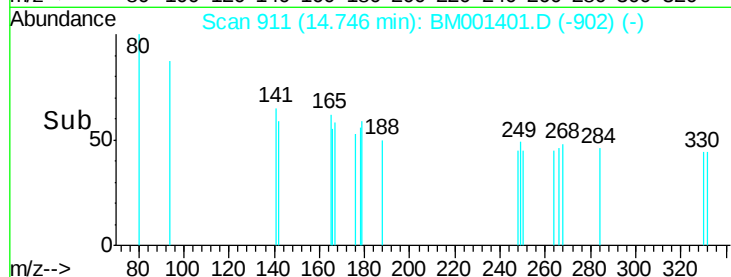
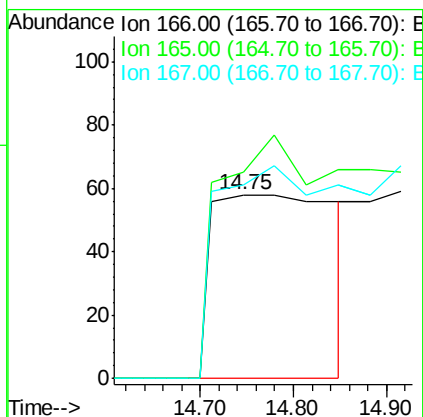
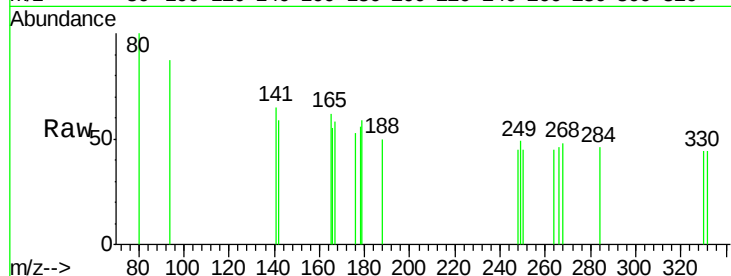




#17
Fluorene
 Concen: 0.09 ng
 RT: 14.75 min Scan# 911
 Delta R.T. -0.37 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

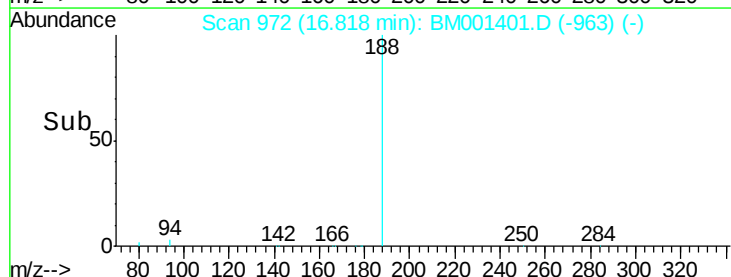
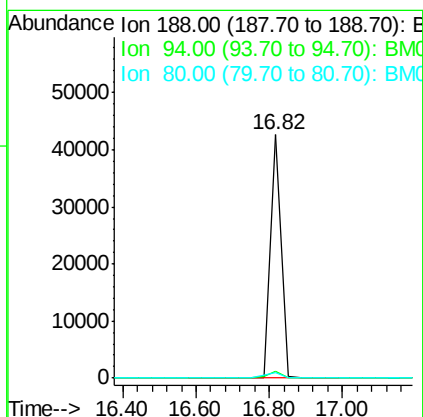
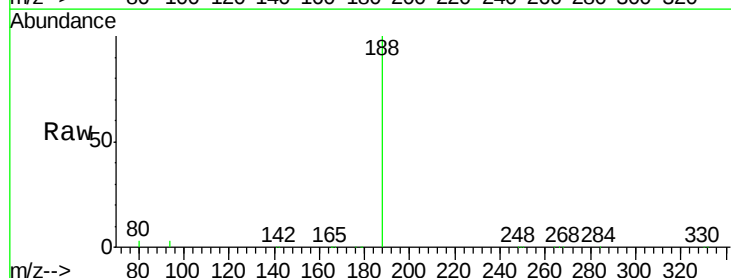
Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-150512

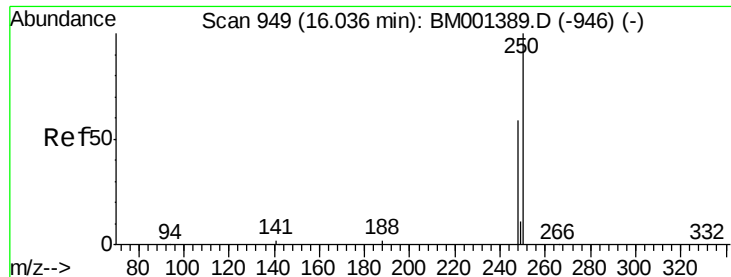
Tgt Ion:166 Resp: 455
 Ion Ratio Lower Upper
 166 100
 165 0.0 72.6 108.8#
 167 0.0 10.9 16.3#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.82 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

Tgt Ion:188 Resp: 87825
 Ion Ratio Lower Upper
 188 100
 94 3.0 3.0 4.4
 80 2.5 2.5 3.7

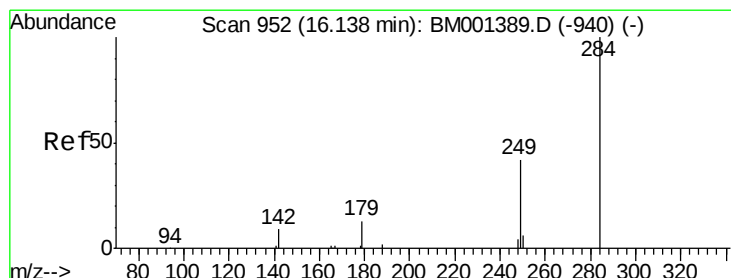
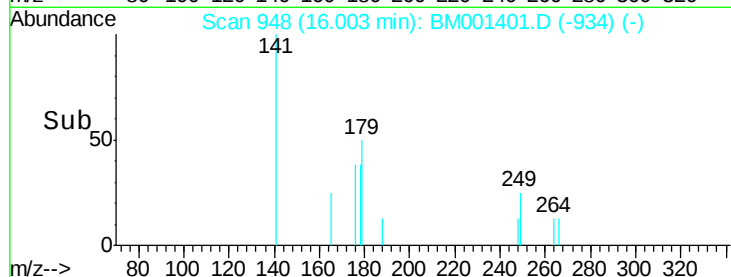
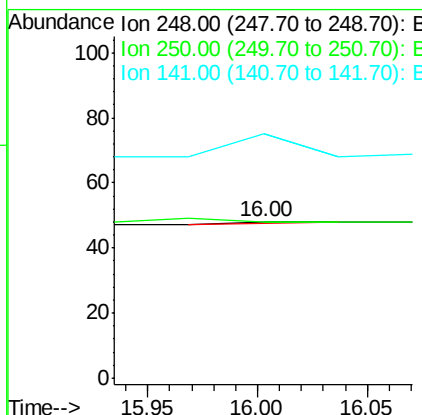
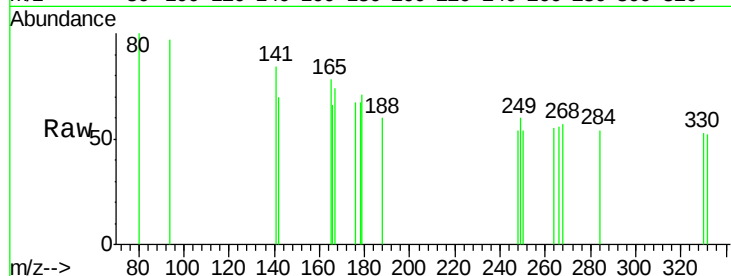




#19
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.00 min Scan# 948
Delta R.T. -0.03 min
Lab File: BM001401.D
Acq: 23 May 2015 03:26

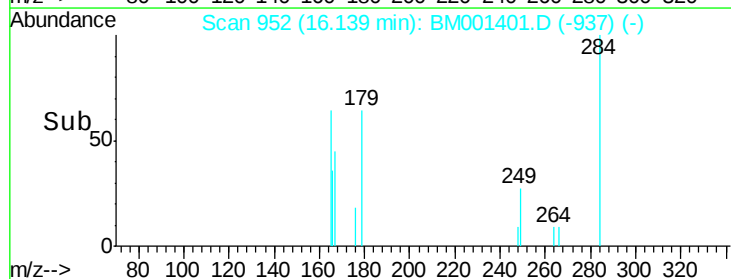
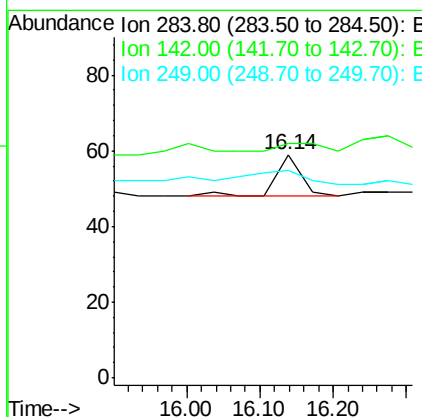
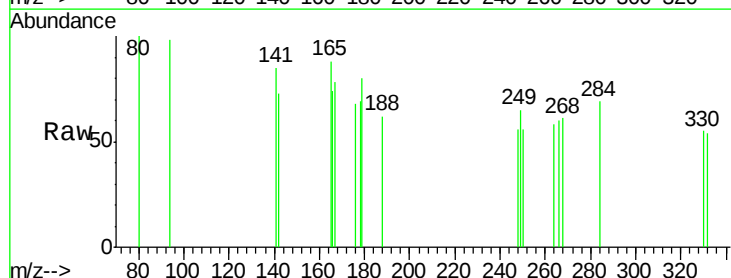
Instrument :
BNA_M
ClientSampleId :
KY032MW006-150512

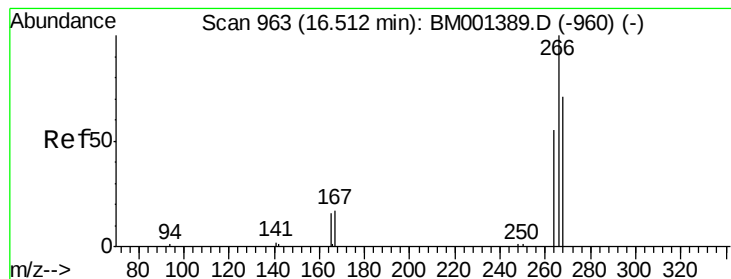
Tgt Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 0.0 117.8 176.6#
141 900.0 0.0 0.0#



#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001401.D
Acq: 23 May 2015 03:26

Tgt Ion:284 Resp: 26
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 111.5 39.0 58.4#





#21

Pentachlorophenol

Concen: Below Cal

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

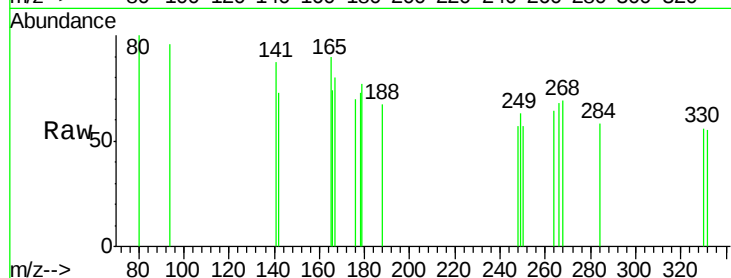
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 101.8 63.0 94.4#

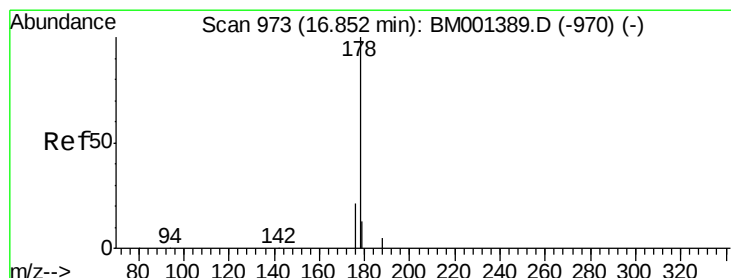
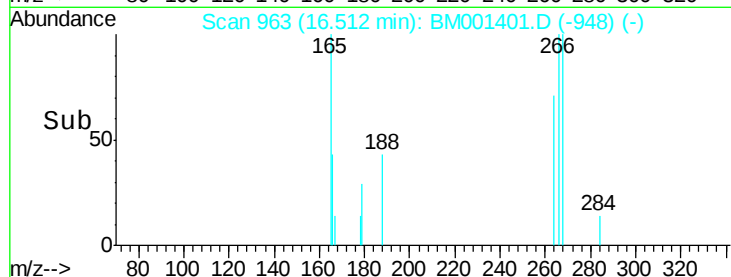
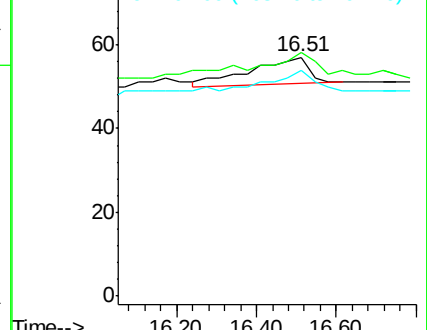
264 94.7 52.8 79.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: Below Cal

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

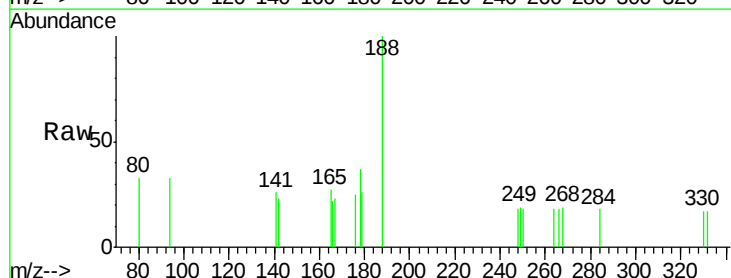
Tgt Ion:178 Resp: 132

Ion Ratio Lower Upper

178 100

176 16.7 16.8 25.2#

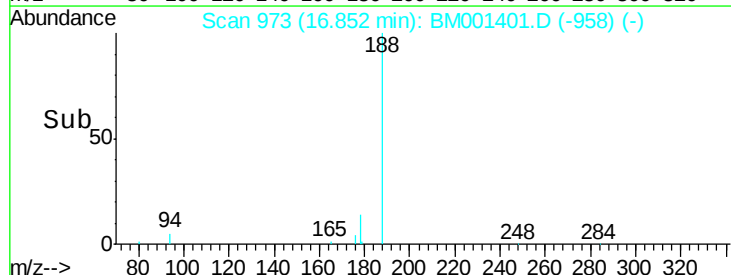
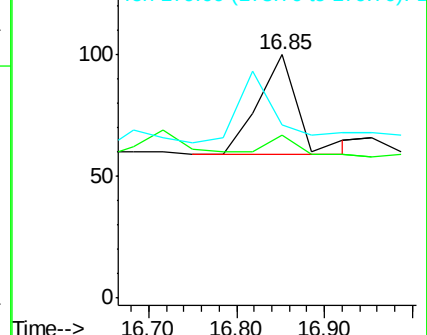
179 0.0 11.0 16.4#

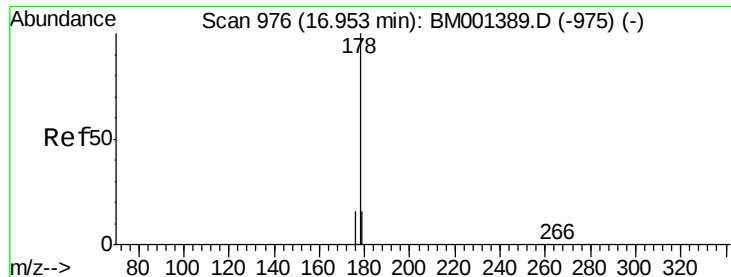


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

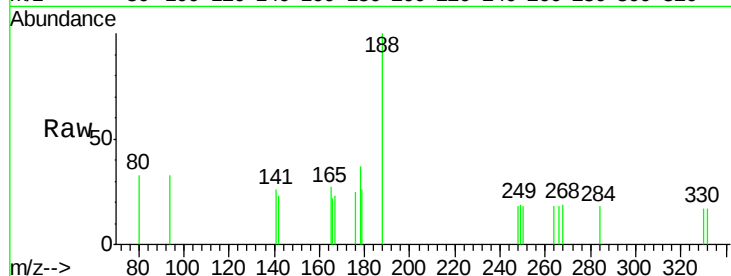
Tgt Ion:178 Resp: 132

Ion Ratio Lower Upper

178 100

176 16.7 13.1 19.7

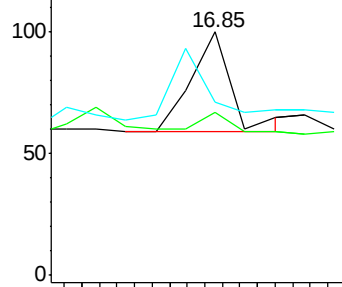
179 0.0 12.8 19.2#



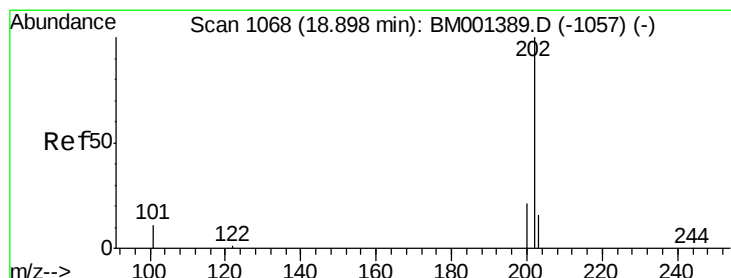
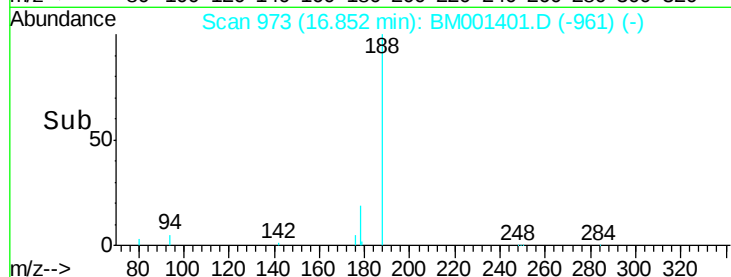
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Fluoranthene

Concen: 0.02 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

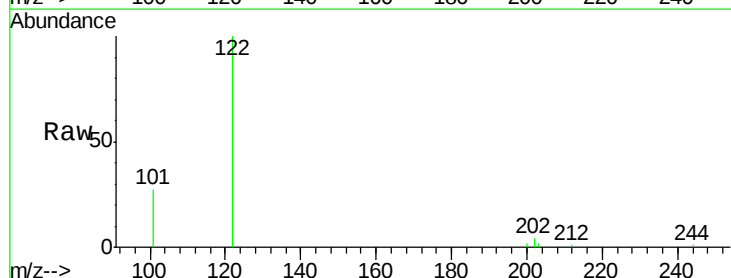
Tgt Ion:202 Resp: 393

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

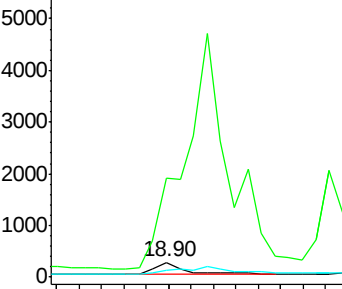
203 0.0 13.8 20.6#



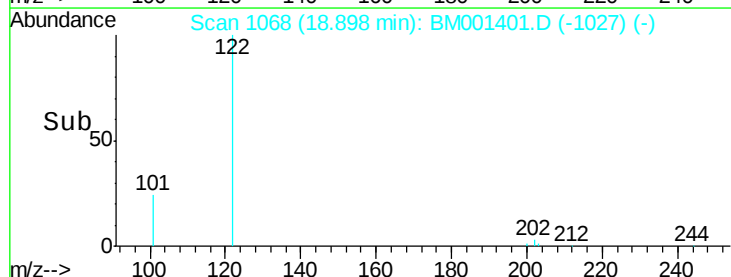
Abundance Ion 202.00 (201.70 to 202.70): E

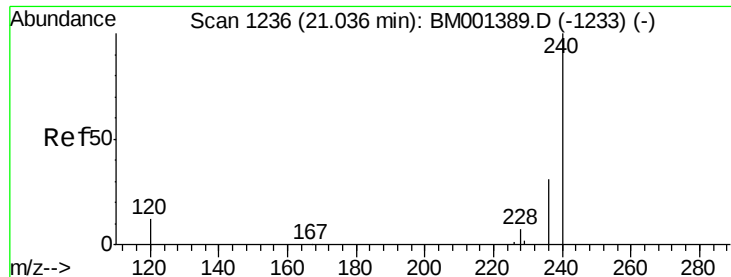
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

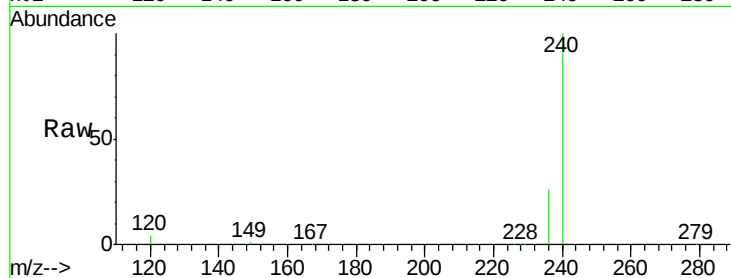
Tgt Ion:240 Resp: 45436

Ion Ratio Lower Upper

240 100

120 4.2 9.7 14.5#

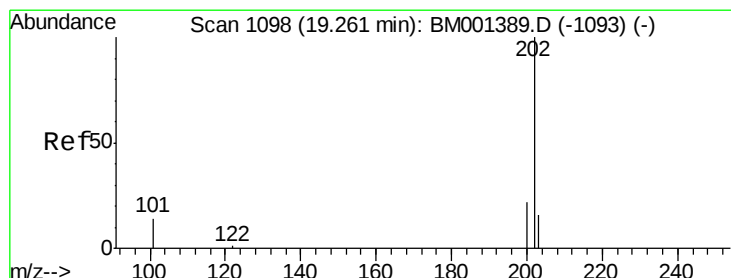
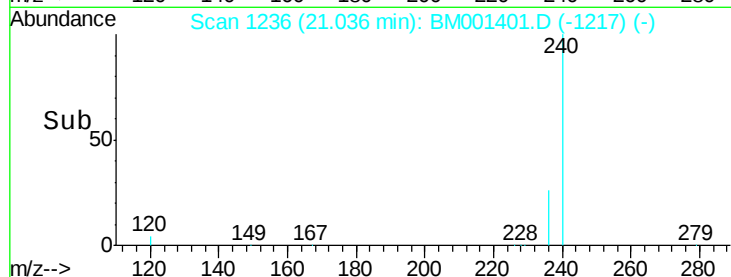
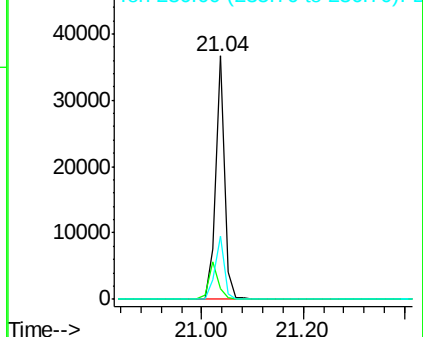
236 25.8 24.8 37.2



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: 0.00 ng

RT: 19.26 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

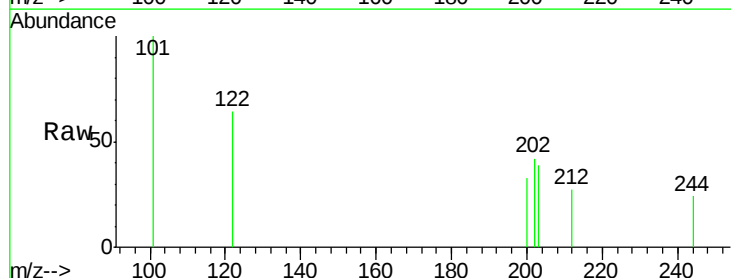
Tgt Ion:202 Resp: 45

Ion Ratio Lower Upper

202 100

200 0.0 16.4 24.6#

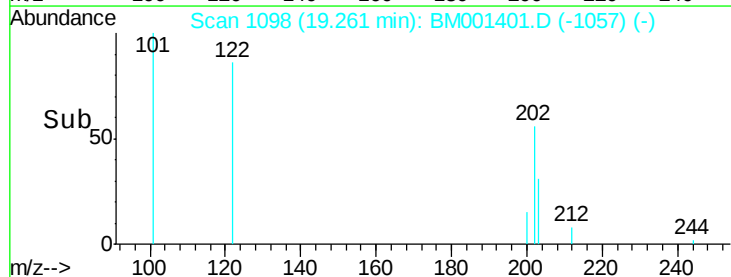
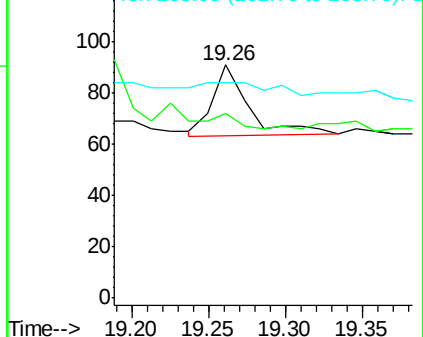
203 0.0 13.9 20.9#

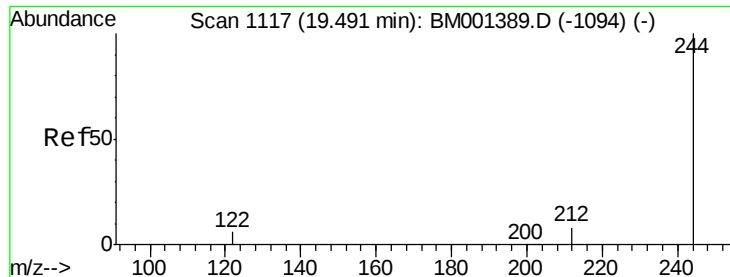


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.45 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

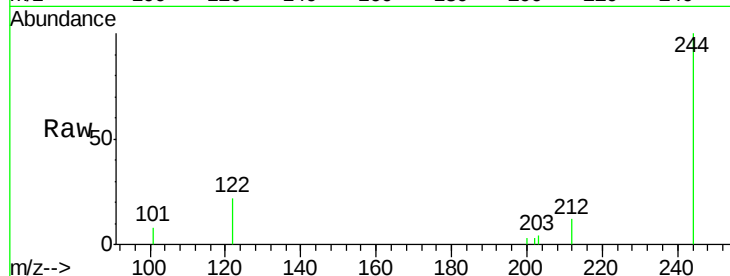
Tgt Ion:244 Resp: 2769

Ion Ratio Lower Upper

244 100

212 12.4 7.2 10.8#

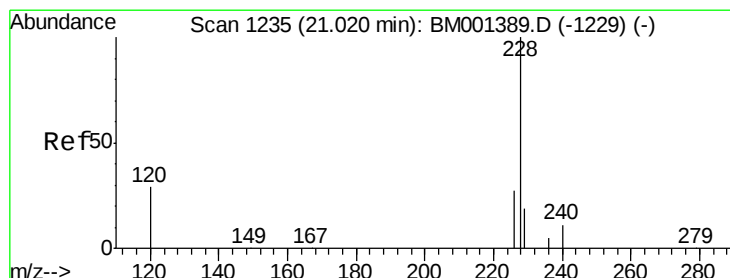
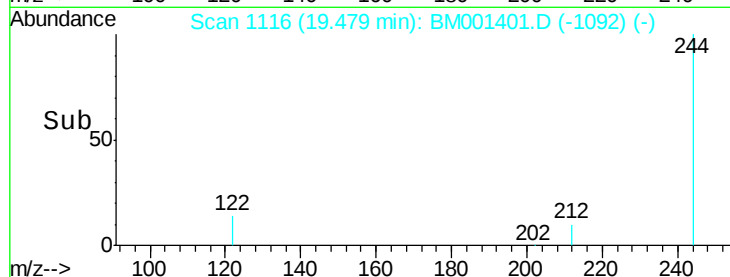
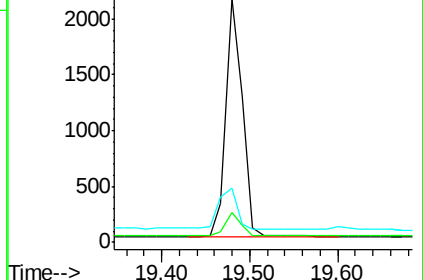
122 22.2 5.1 7.7#



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: BM001401.D

Acq: 23 May 2015 03:26

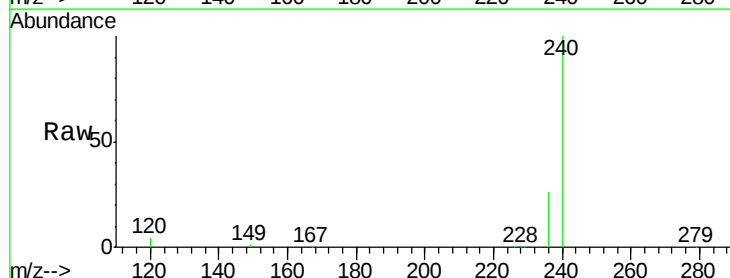
Tgt Ion:228 Resp: 191

Ion Ratio Lower Upper

228 100

226 45.4 21.9 32.9#

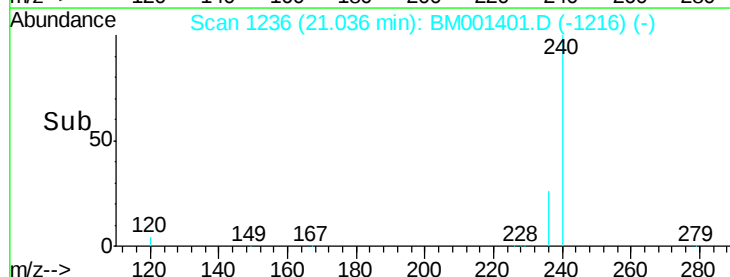
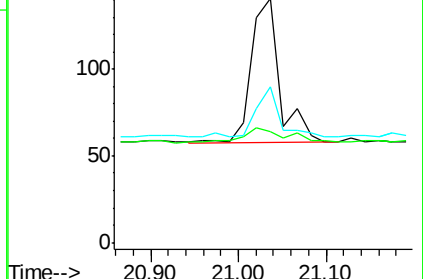
229 63.8 15.1 22.7#

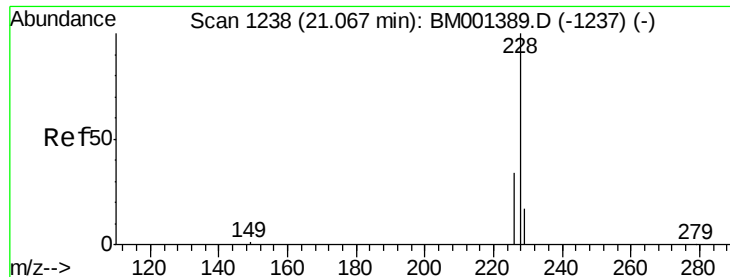


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.02 ng

RT: 21.04 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

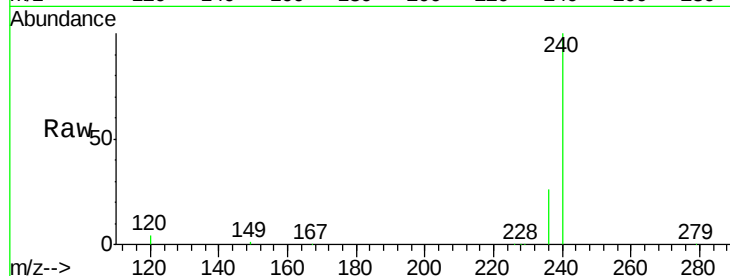
Tgt Ion:228 Resp: 191

Ion Ratio Lower Upper

228 100

226 45.4 27.6 41.4#

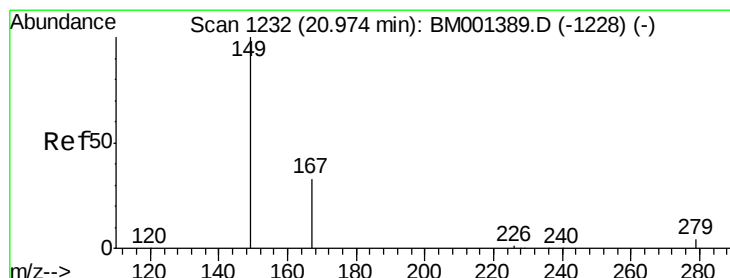
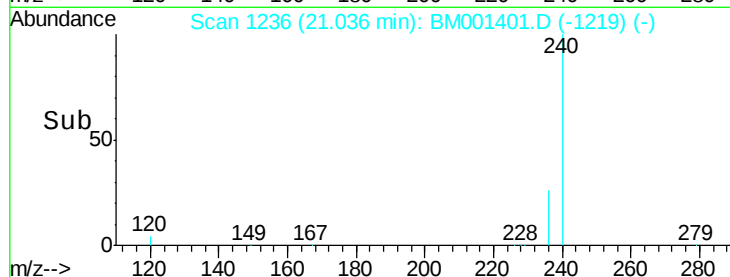
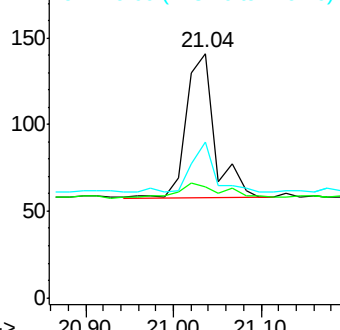
229 63.8 13.6 20.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

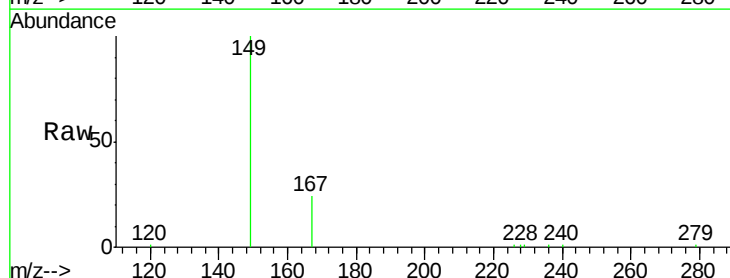
Tgt Ion:149 Resp: 8024

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.6

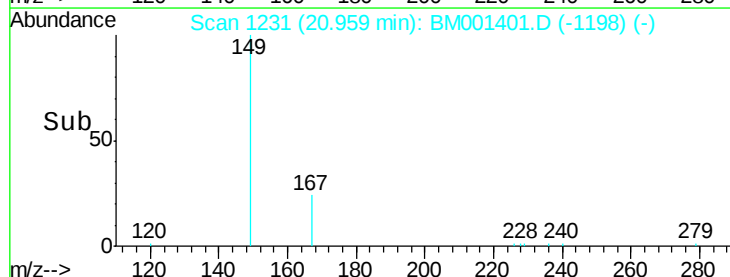
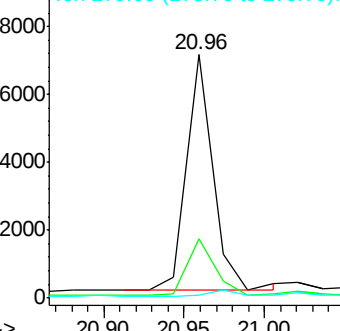
279 2.6 2.2 3.2

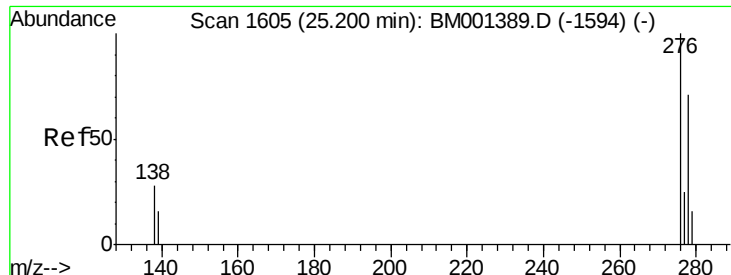


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

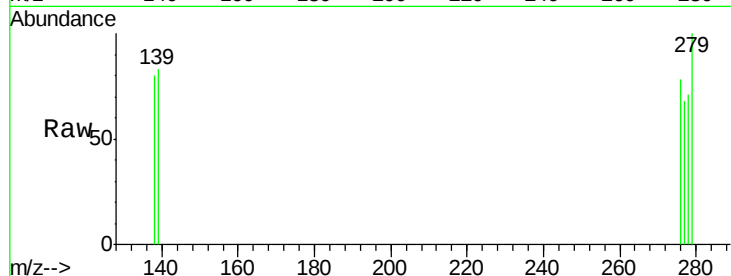




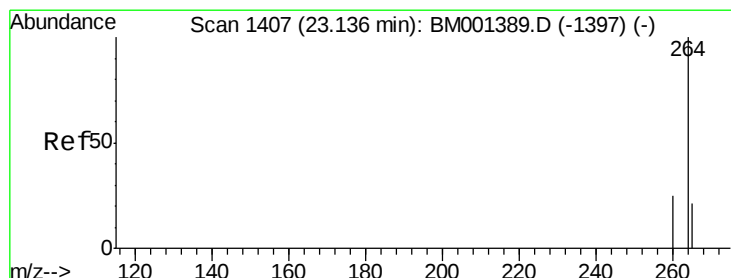
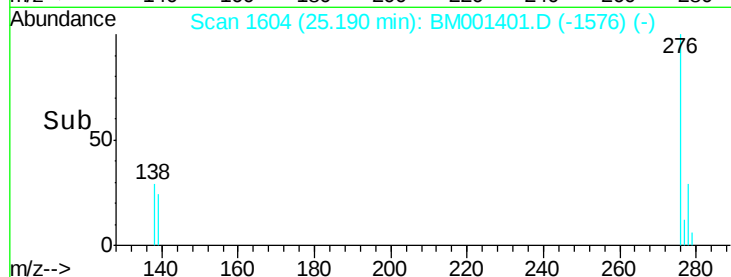
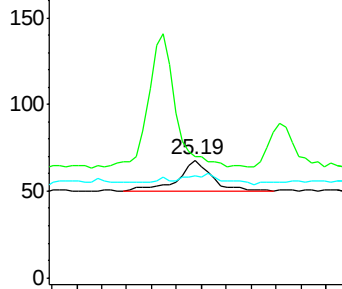
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 25.19 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-150512

Tgt Ion: 276 Resp: 69
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.4 35.0#
 277 0.0 19.5 29.3#

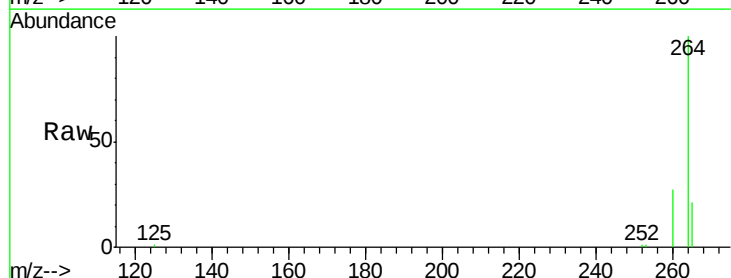


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

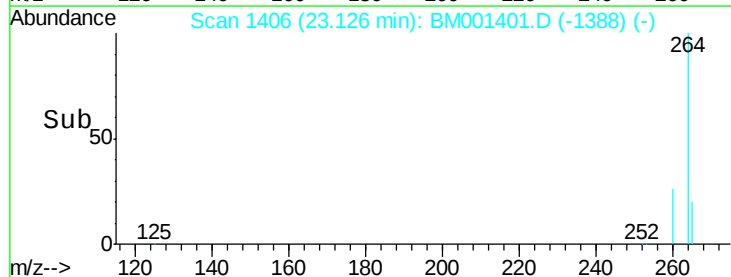
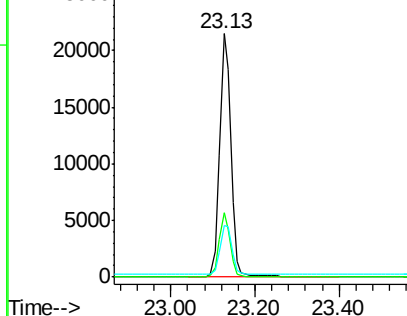


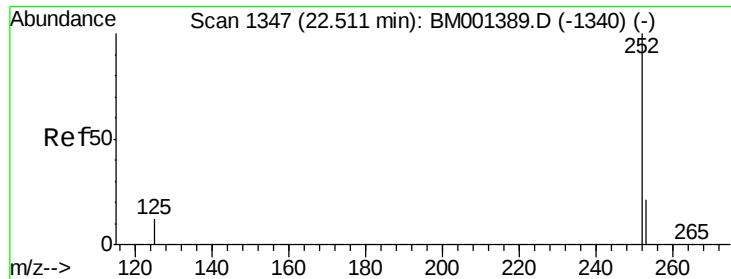
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.13 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

Tgt Ion: 264 Resp: 38734
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.1 30.1
 265 21.2 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.51 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

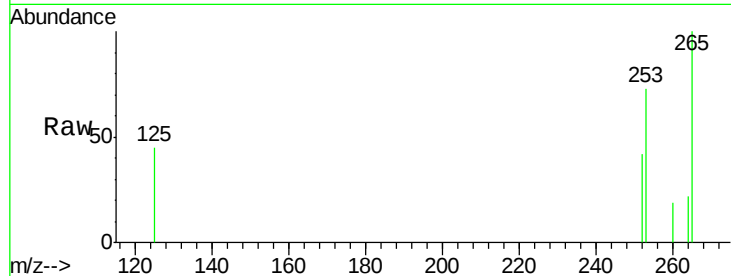
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 176.3 17.4 26.0#

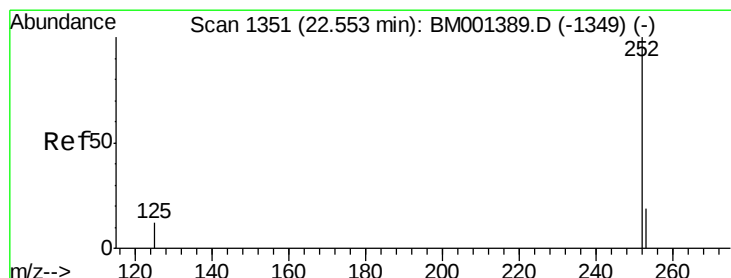
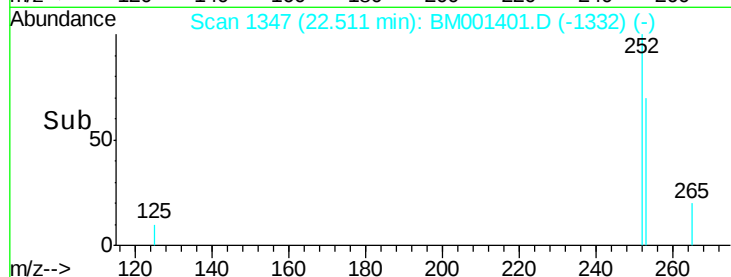
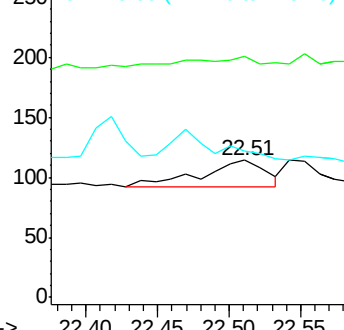
125 107.0 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.54 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

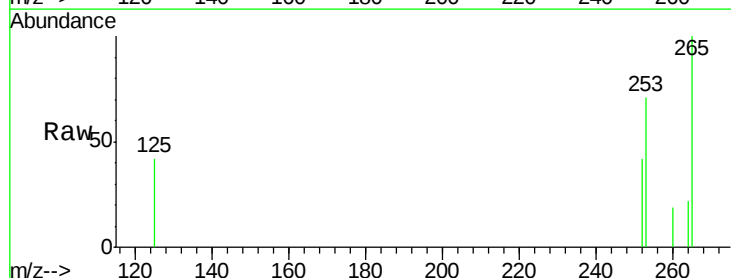
Tgt Ion:252 Resp: 36

Ion Ratio Lower Upper

252 100

253 171.1 17.6 26.4#

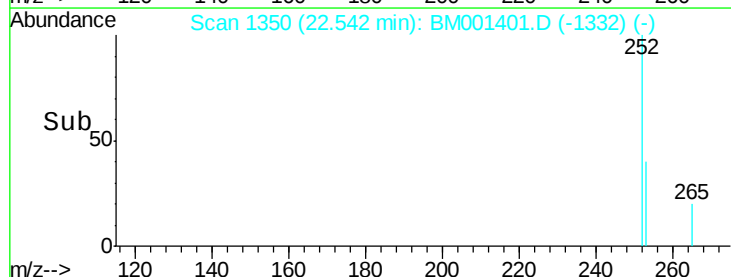
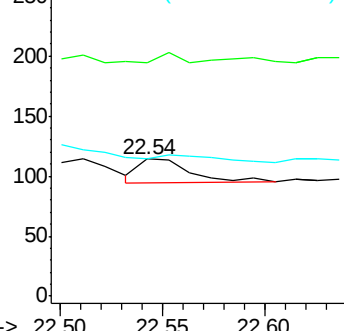
125 100.0 9.7 14.5#

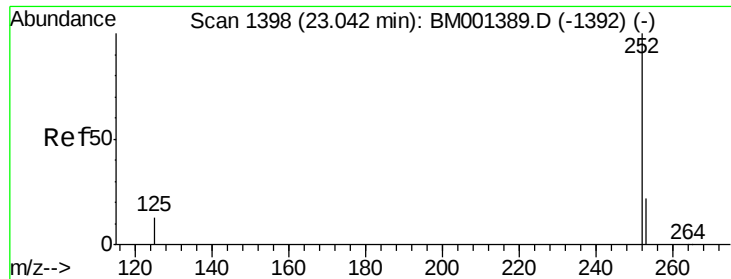


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

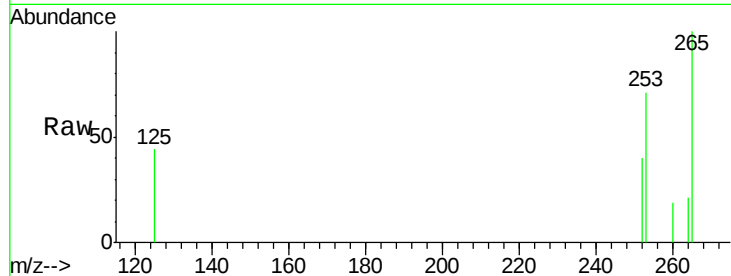
Tgt Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 177.0 18.6 28.0#

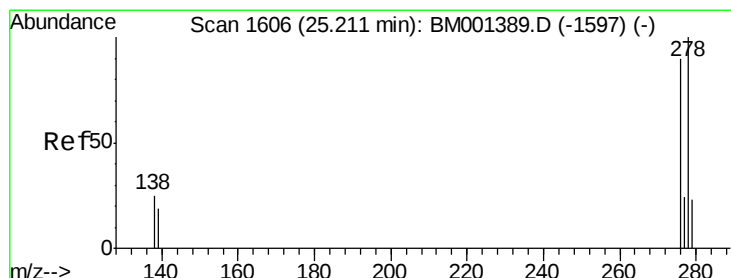
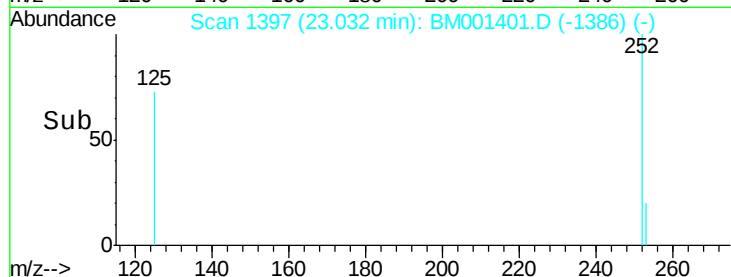
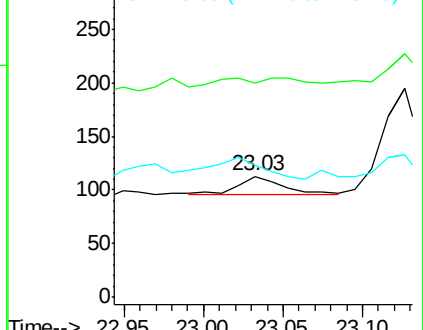
125 108.8 10.7 16.1#



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: BM001401.D

Acq: 23 May 2015 03:26

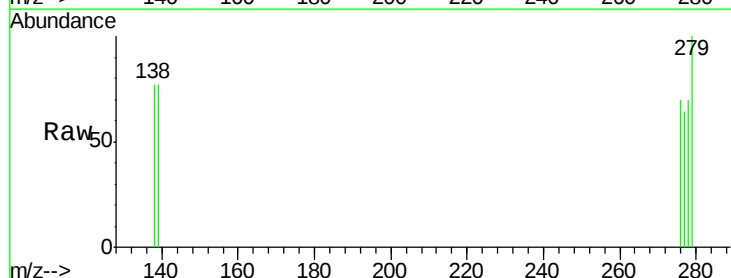
Tgt Ion:278 Resp: 46

Ion Ratio Lower Upper

278 100

139 109.4 15.7 23.5#

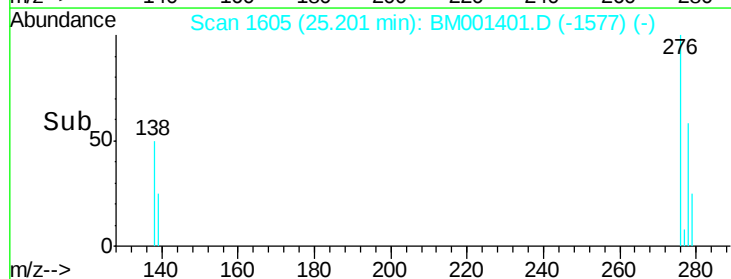
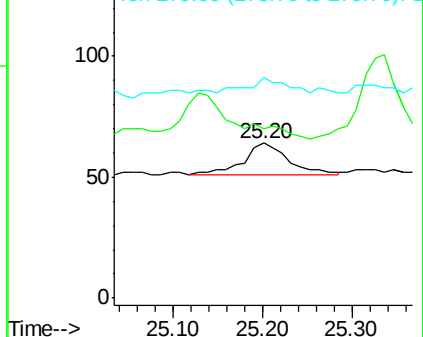
279 142.2 19.4 29.2#

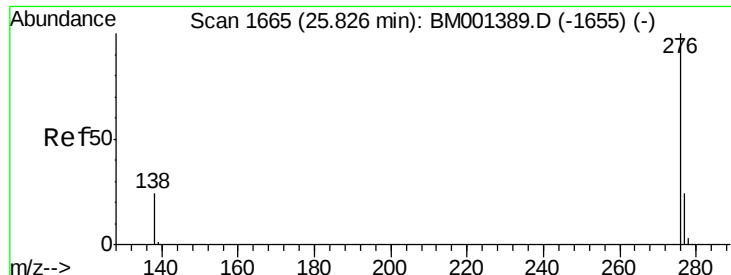


Abundance Ion 278.00 (277.70 to 278.70): E

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: BM001401.D

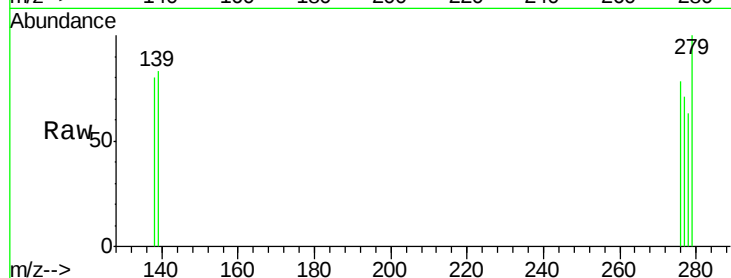
Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512



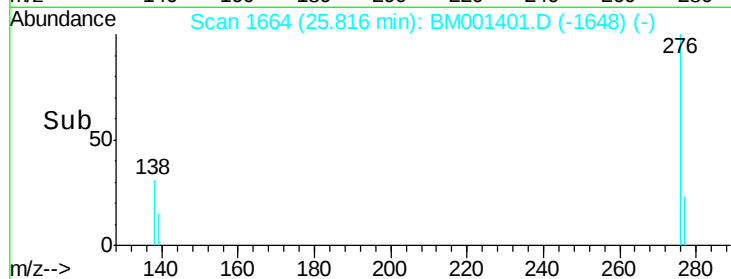
Tgt Ion: 276 Resp: 48

Ion Ratio Lower Upper

276 100

277 90.6 19.8 29.6#

138 103.1 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

150

100

50

0

Time--> 25.70 25.80