

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001395.D
 Acq On : 22 May 2015 23:16
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 23 05:14:18 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

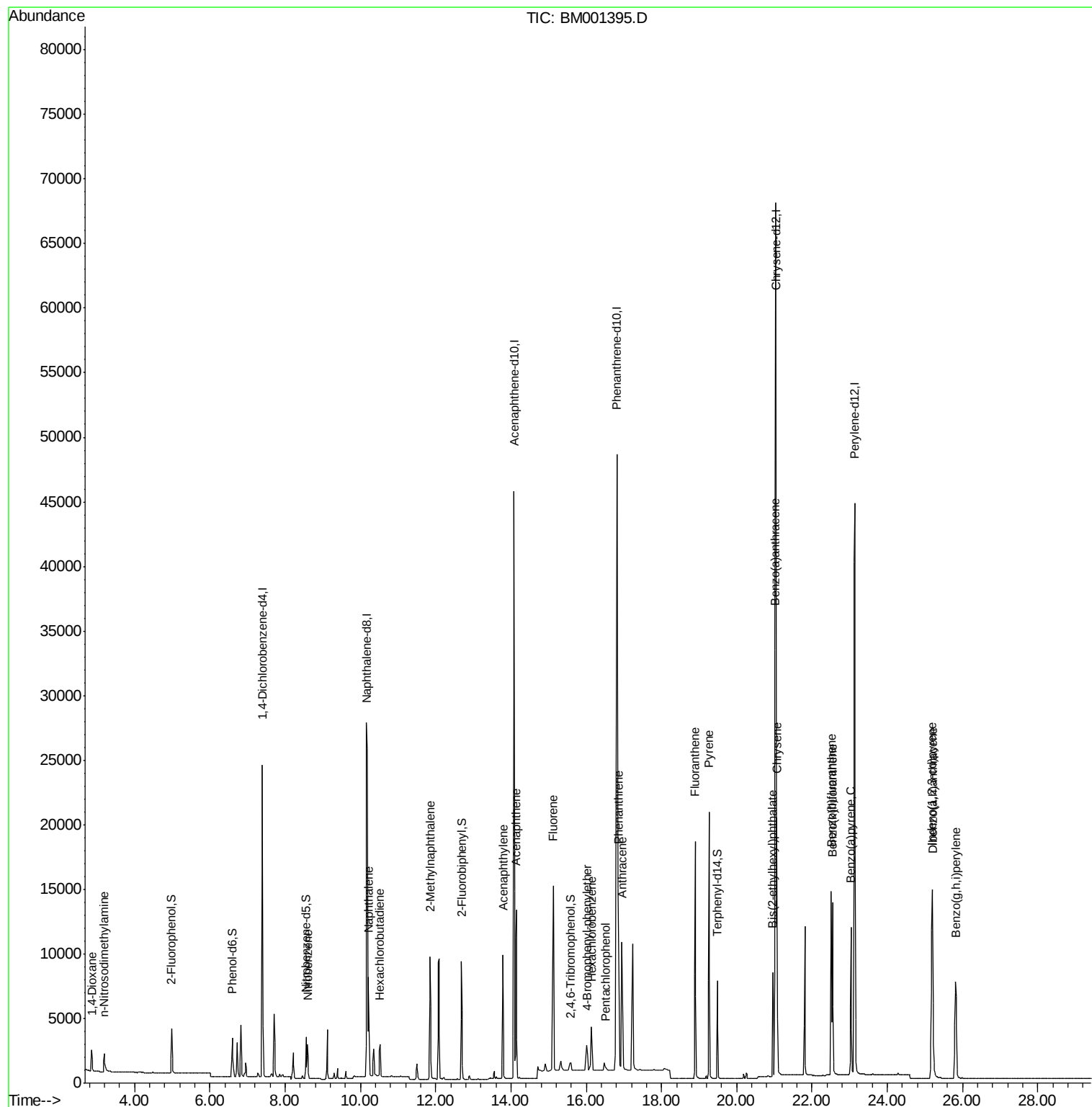
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	13016	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	47396	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	26936	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	94180	5.00	ng	0.00
25) Chrysene-d12	21.04	240	60346	5.00	ng	0.00
32) Perylene-d12	23.14	264	55197	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	2642	1.03	ng	0.00
5) Phenol-d6	6.60	99	3057	1.02	ng	0.00
7) Nitrobenzene-d5	8.55	82	2689	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	662	0.79	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	8527	1.03	ng	0.00
27) Terphenyl-d14	19.48	244	8112	0.99	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	1274	1.10	ng	90
3) n-Nitrosodimethylamine	3.18	42	1847	1.11	ng	91
8) Nitrobenzene	8.60	77	2824	0.98	ng	95
9) Naphthalene	10.22	128	10374	1.03	ng	99
10) Hexachlorobutadiene	10.52	225	2142	1.04	ng	99
11) 2-Methylnaphthalene	11.85	142	7070	1.04	ng	97
15) Acenaphthylene	13.79	152	11740	1.03	ng	100
16) Acenaphthene	14.14	154	7268	1.02	ng	100
17) Fluorene	15.12	166	12868	0.92	ng	97
19) 4-Bromophenyl-phenylether	16.04	248	1235	1.04	ng	# 89
20) Hexachlorobenzene	16.14	284	4488	1.22	ng	# 77
21) Pentachlorophenol	16.51	266	605	1.18	ng	98
22) Phenanthrene	16.85	178	21344	1.20	ng	99
23) Anthracene	16.95	178	15887	0.94	ng	99
24) Fluoranthene	18.90	202	17132	0.99	ng	100
26) Pyrene	19.26	202	18298	1.00	ng	100
28) Benzo(a)anthracene	21.02	228	18690m	1.05	ng	
29) Chrysene	21.07	228	15089	0.95	ng	94
30) Bis(2-ethylhexyl)phthalate	20.96	149	8192	0.85	ng	98
31) Indeno(1,2,3-cd)pyrene	25.19	276	17458	0.99	ng	100
33) Benzo(b)fluoranthene	22.51	252	17771	1.06	ng	97
34) Benzo(k)fluoranthene	22.55	252	15117	0.97	ng	97
35) Benzo(a)pyrene	23.03	252	14924	1.01	ng	97
36) Dibenzo(a,h)anthracene	25.20	278	13563	1.01	ng	99
37) Benzo(g,h,i)perylene	25.82	276	14365	1.01	ng	98

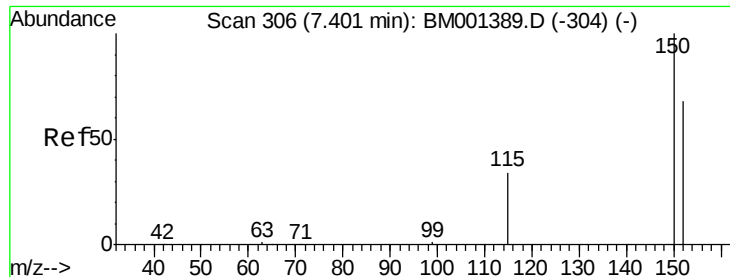
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

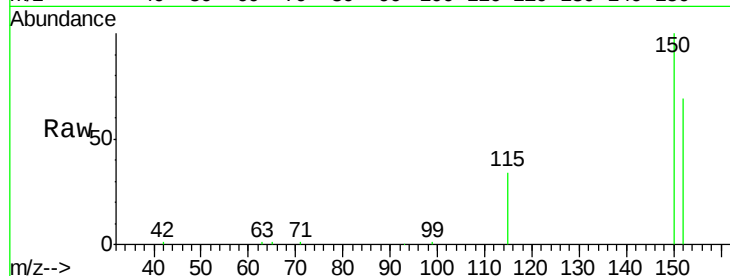
Tgt Ion:152 Resp: 13016

Ion Ratio Lower Upper

152 100

150 144.0 119.0 178.6

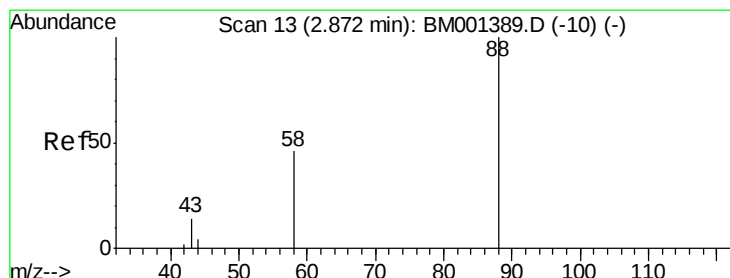
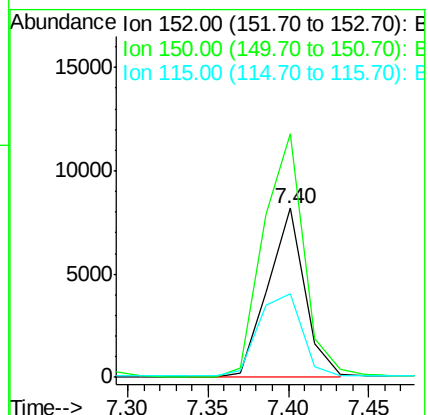
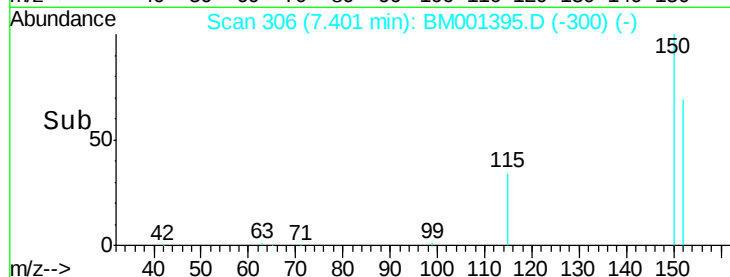
115 49.5 41.8 62.8



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: 1.10 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

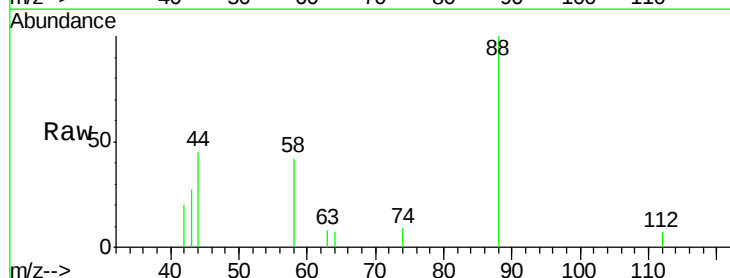
Tgt Ion: 88 Resp: 1274

Ion Ratio Lower Upper

88 100

58 78.5 71.3 106.9

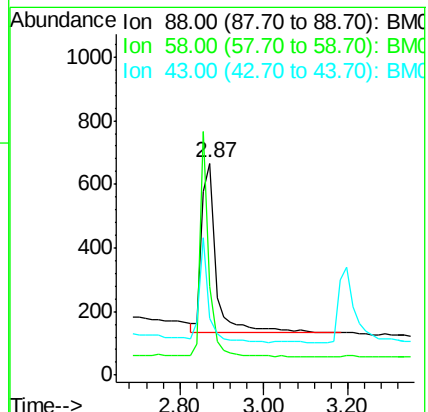
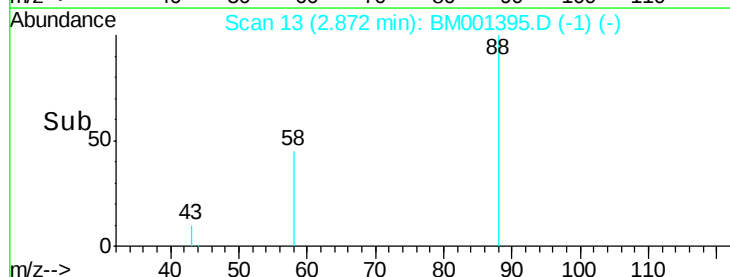
43 39.9 35.5 53.3

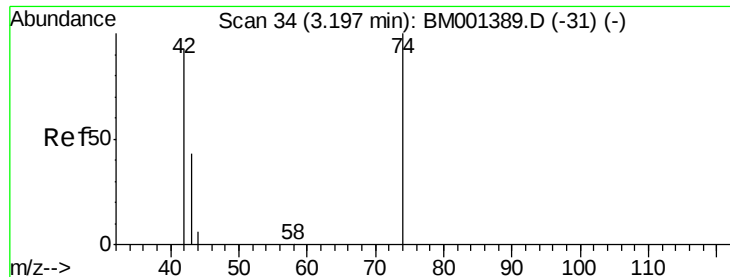


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.11 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.02 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

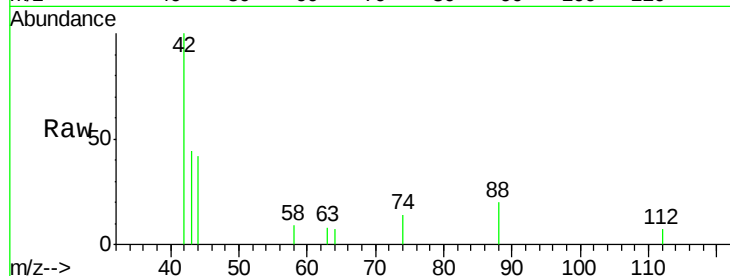
Tgt Ion: 42 Resp: 1847

Ion Ratio Lower Upper

42 100

74 81.2 72.2 108.2

44 6.2 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) (-)

3.18

600

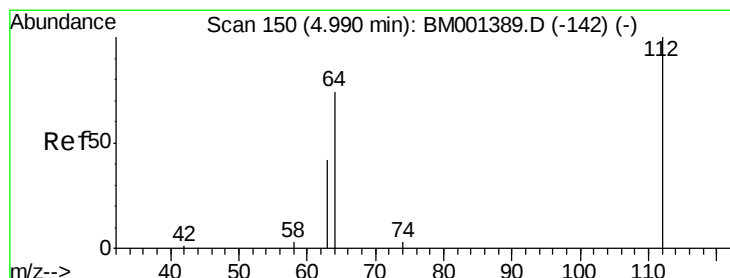
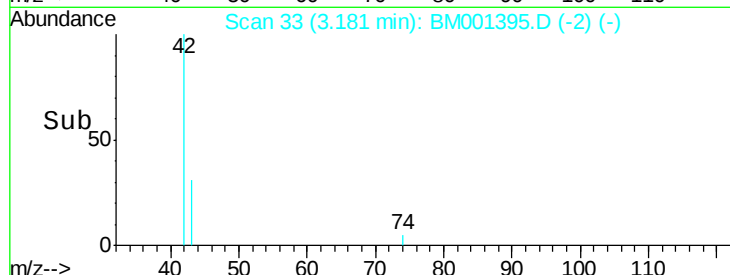
400

200

0

3.00 3.20 3.40 3.60

Time-->



#4

2-Fluorophenol

Concen: 1.03 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

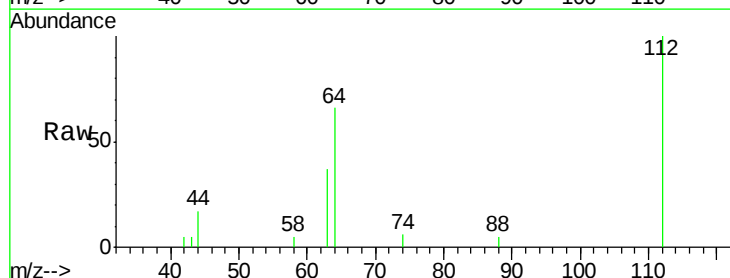
Tgt Ion: 112 Resp: 2642

Ion Ratio Lower Upper

112 100

64 65.4 51.7 77.5

63 36.9 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) (-)

4.99

2000

1500

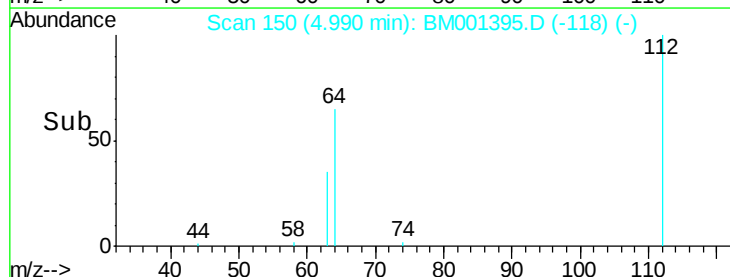
1000

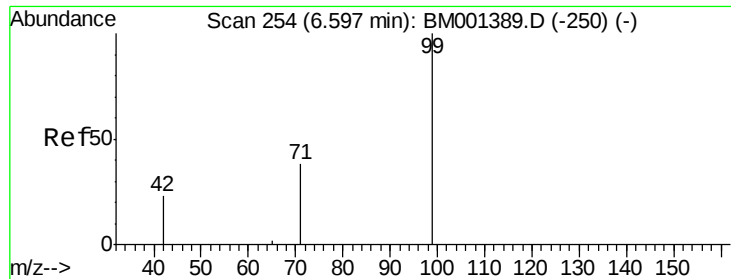
500

0

4.50 5.00

Time-->





#5

Phenol-d6

Concen: 1.02 ng

RT: 6.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

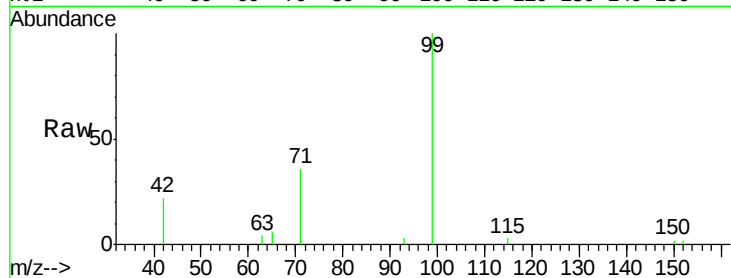
BNA_M

ClientSampleId :

SSTDCCC001

Tgt Ion: 99 Resp: 3057

Ion	Ratio	Lower	Upper
99	100		
42	27.3	21.8	32.6
71	36.4	29.2	43.8

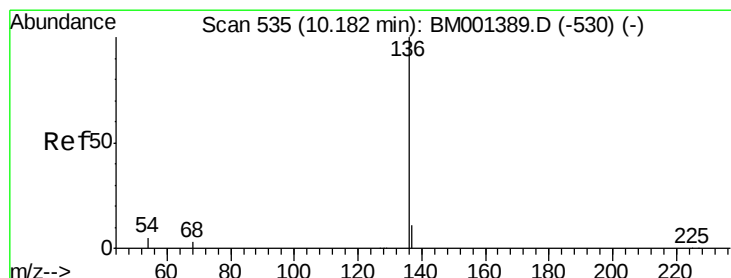
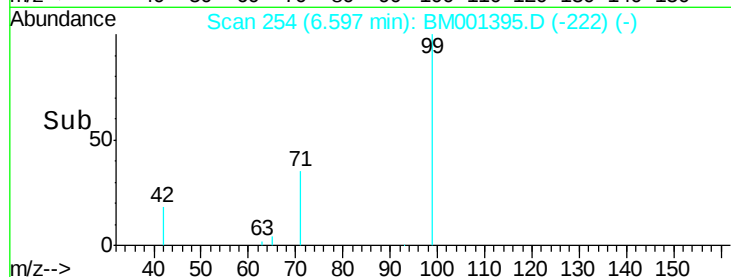
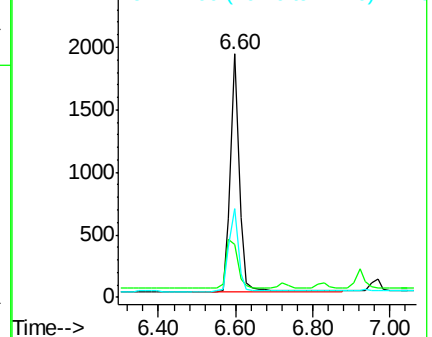


Abundance

Ion 99.00 (98.70 to 99.70): BM001395.D (-222) (-)

Ion 42.00 (41.70 to 42.70): BM001395.D (-222) (-)

Ion 71.00 (70.70 to 71.70): BM001395.D (-222) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

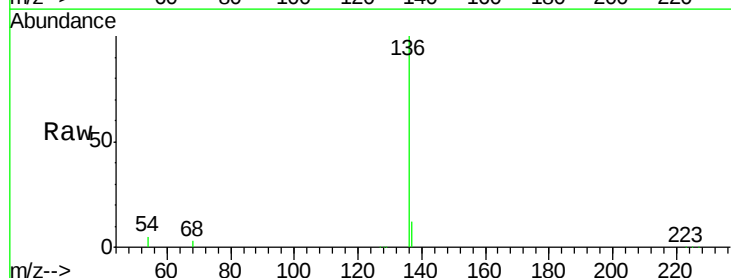
Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Tgt Ion: 136 Resp: 47396

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	4.7	4.3	6.5
68	3.1	2.6	4.0



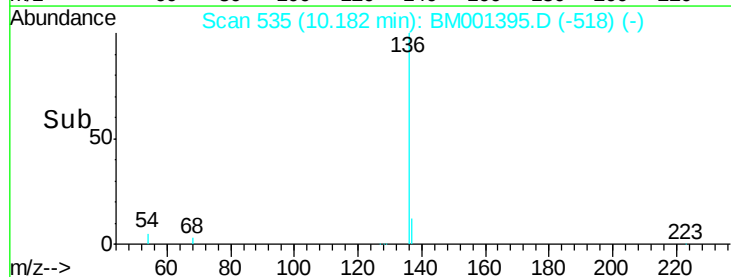
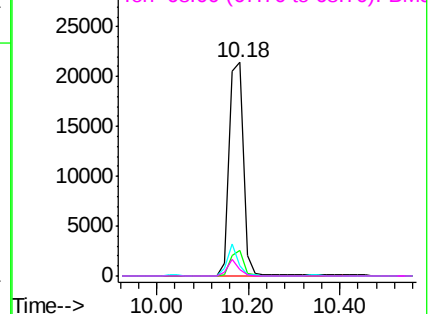
Abundance

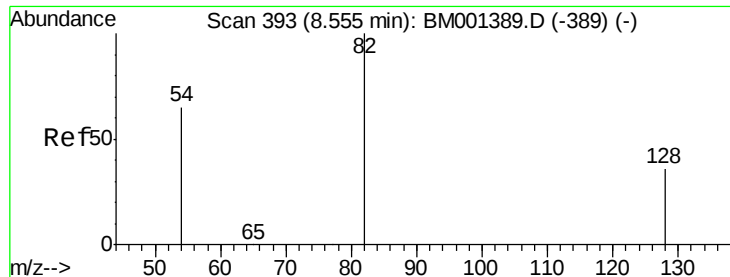
Ion 136.00 (135.70 to 136.70): BM001395.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001395.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001395.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001395.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 0.98 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

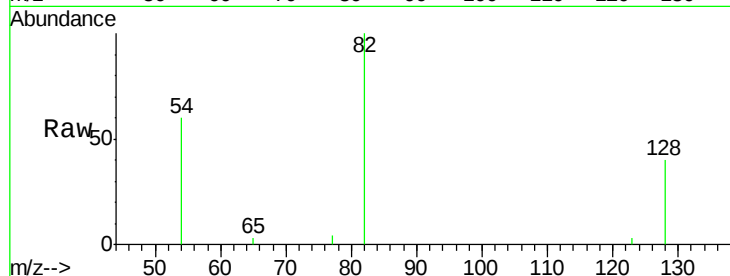
Tgt Ion: 82 Resp: 2689

Ion Ratio Lower Upper

82 100

128 40.2 30.2 45.4

54 59.6 52.9 79.3

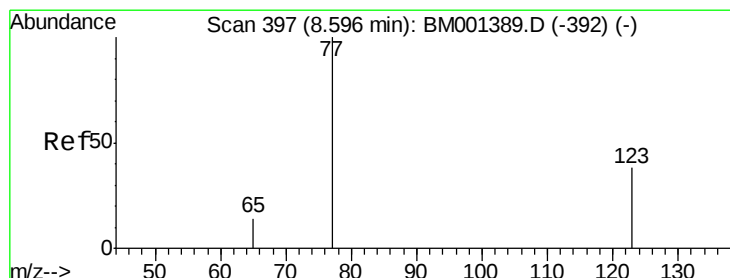
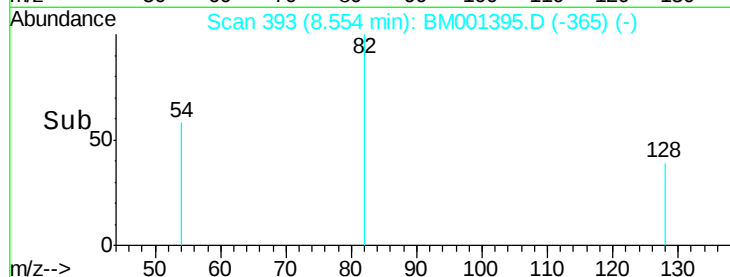


Abundance Ion 82.00 (81.70 to 82.70): BM001395.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001395.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001395.D (-389) (-)

Time-->



#8

Nitrobenzene

Concen: 0.98 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

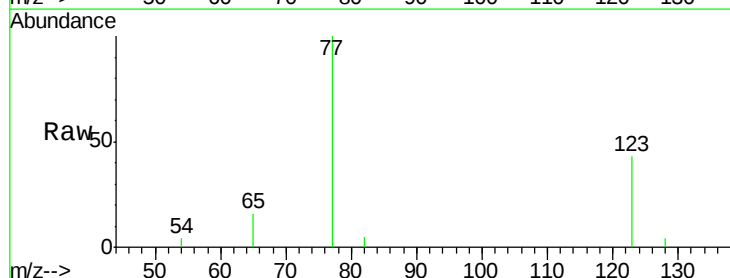
Tgt Ion: 77 Resp: 2824

Ion Ratio Lower Upper

77 100

123 46.2 33.7 50.5

65 14.4 11.3 16.9

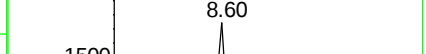
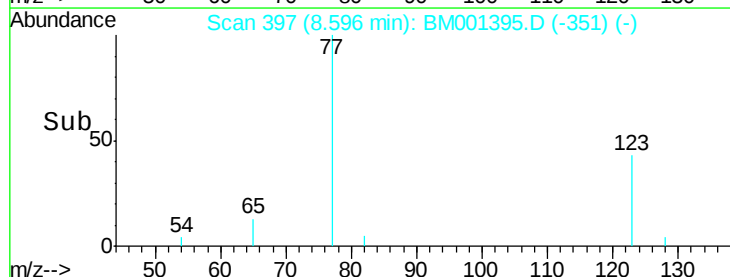


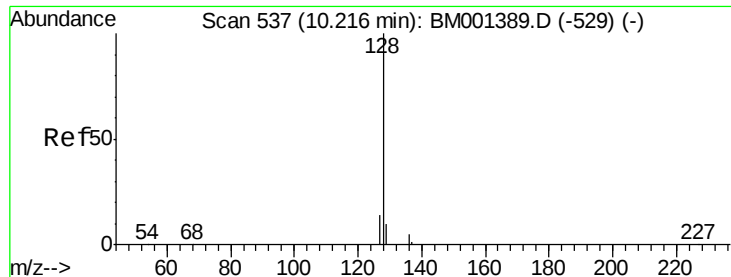
Abundance Ion 77.00 (76.70 to 77.70): BM001395.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001395.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001395.D (-392) (-)

Time-->





#9

Naphthalene

Concen: 1.03 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

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ClientSampleId :

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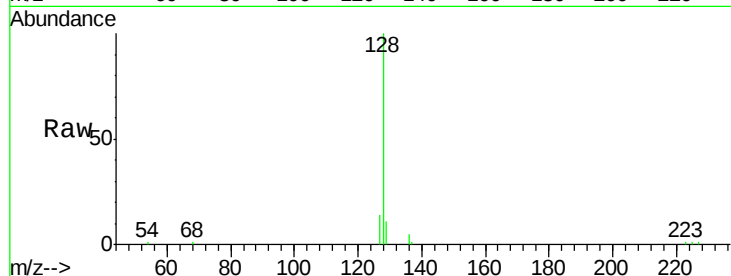
Tgt Ion:128 Resp: 10374

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

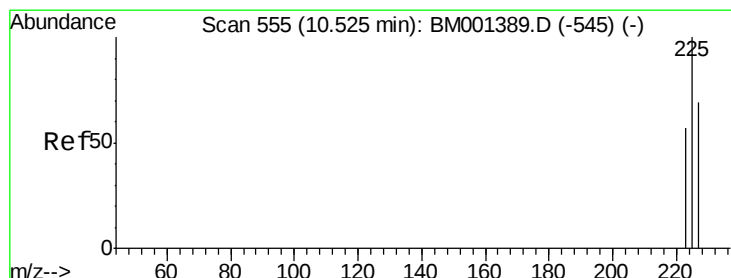
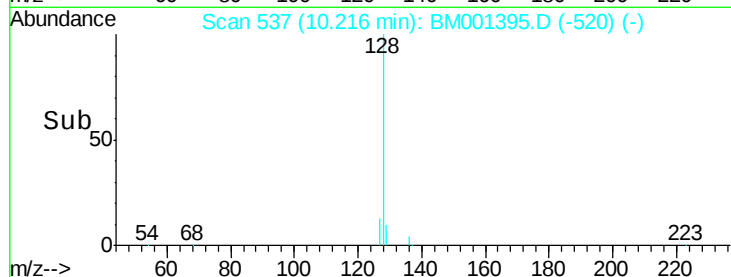
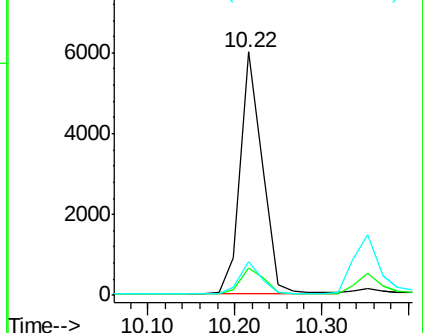
127 14.0 11.7 17.5



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: 1.04 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

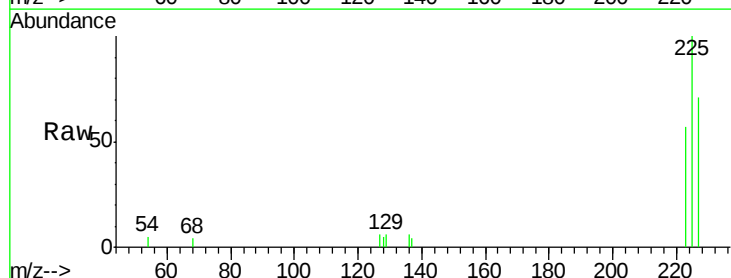
Tgt Ion:225 Resp: 2142

Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

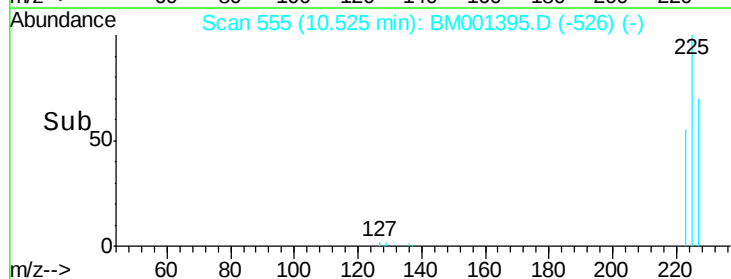
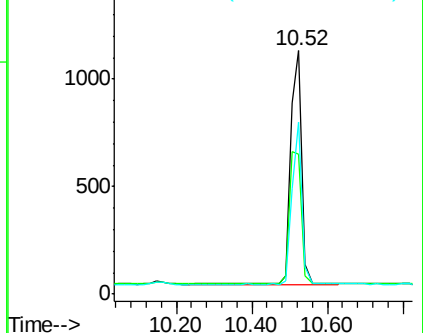
227 62.9 51.1 76.7

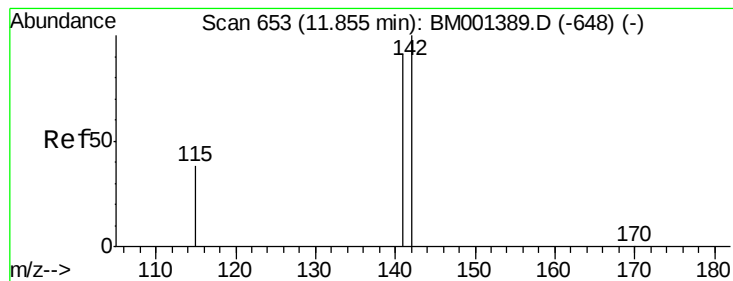


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.04 ng

RT: 11.85 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

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SSTDCCC001

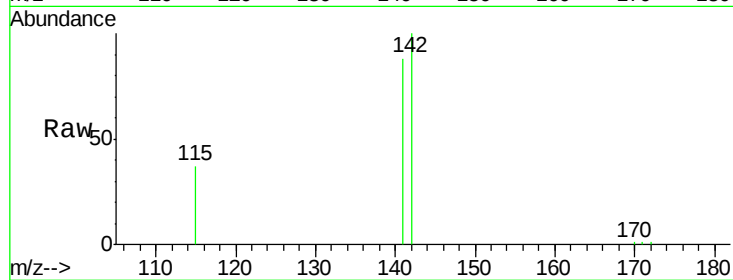
Tgt Ion:142 Resp: 7070

Ion Ratio Lower Upper

142 100

141 88.4 72.6 109.0

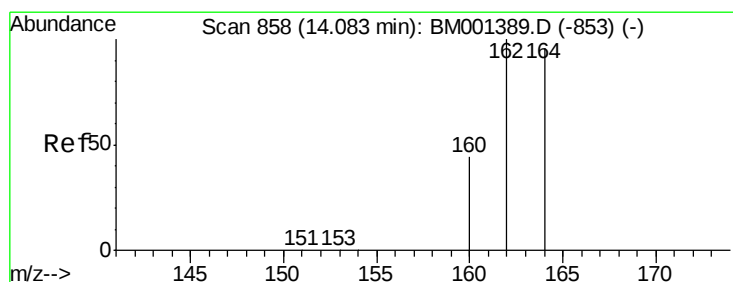
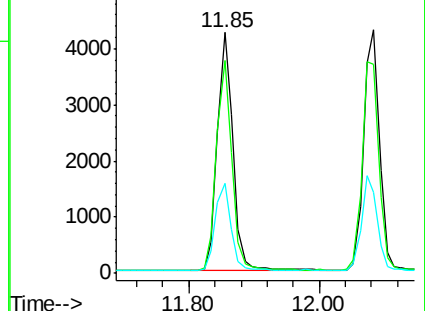
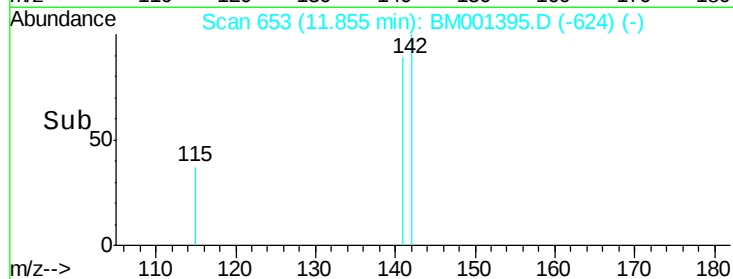
115 37.3 31.2 46.8



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: BM001395.D

Acq: 22 May 2015 23:16

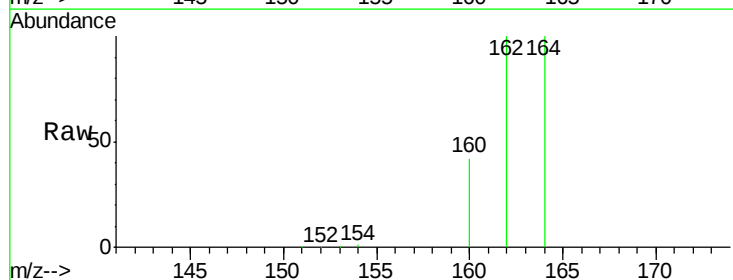
Tgt Ion:164 Resp: 26936

Ion Ratio Lower Upper

164 100

162 99.7 83.4 125.2

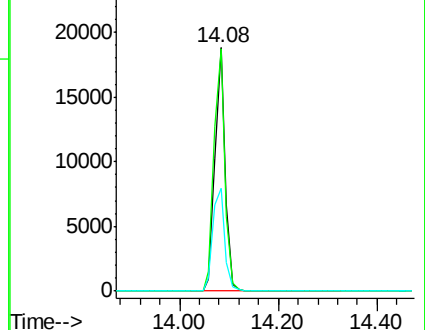
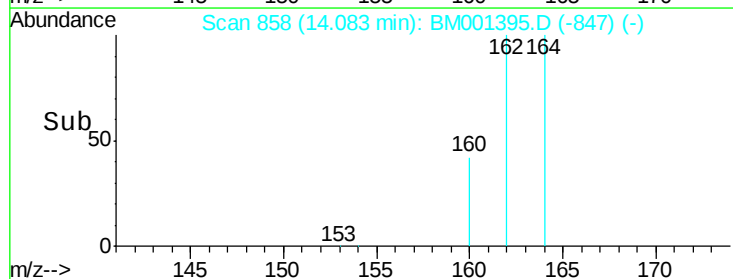
160 42.5 36.9 55.3

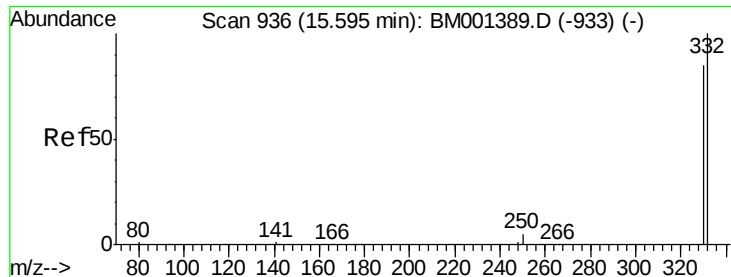


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

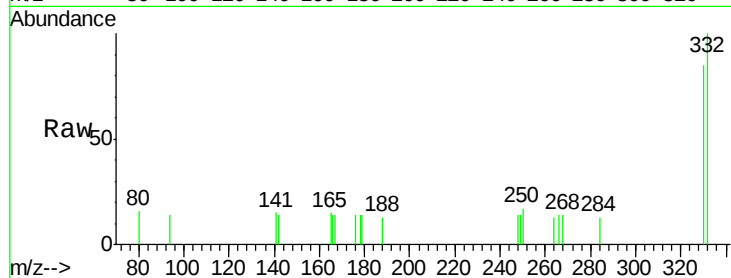




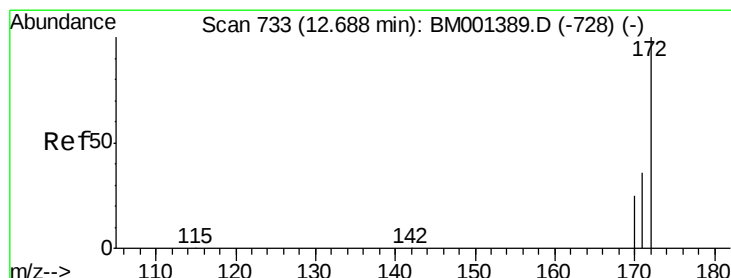
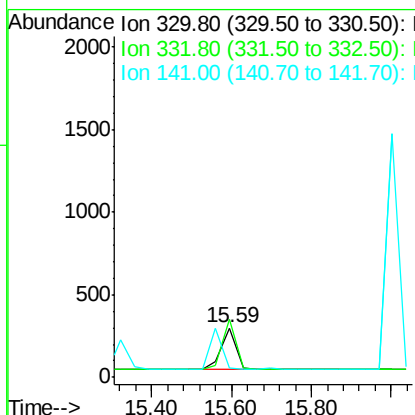
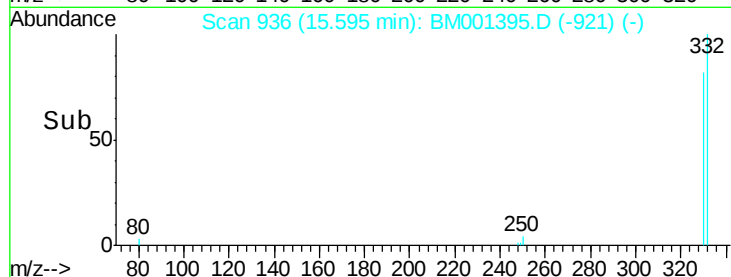
#13
 2,4,6-Tribromophenol
 Concen: 0.79 ng
 RT: 15.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM001395.D
 Acq: 22 May 2015 23:16

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tgt Ion:330 Resp: 662
 Ion Ratio Lower Upper
 330 100
 332 109.2 90.3 135.5
 141 0.0 0.0 0.0

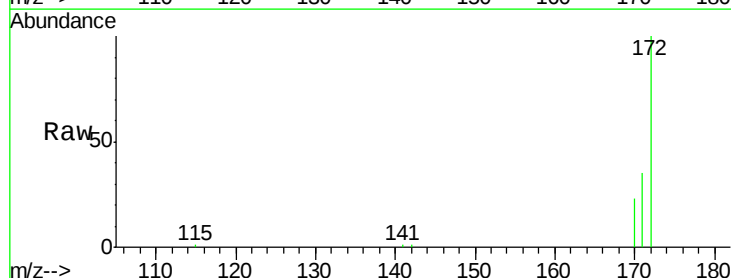


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

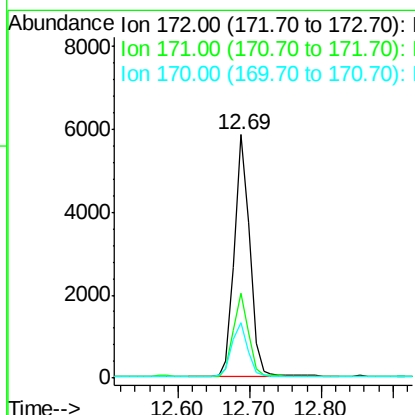
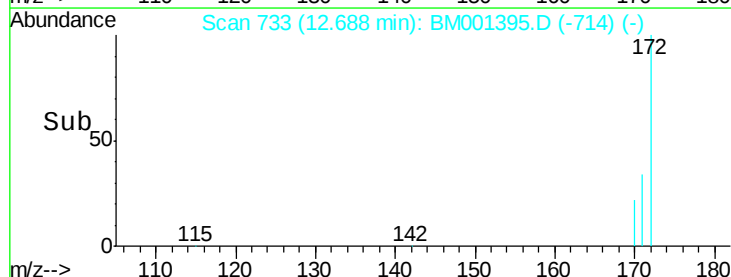


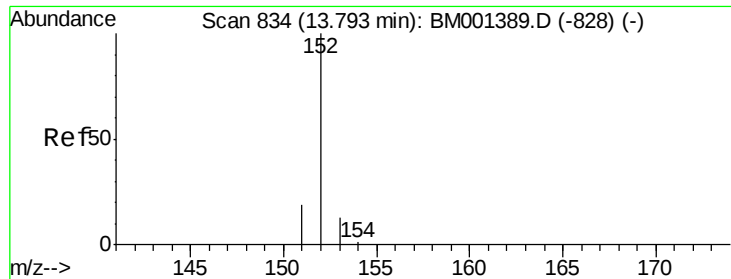
#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.69 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BM001395.D
 Acq: 22 May 2015 23:16

Tgt Ion:172 Resp: 8527
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 22.9 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: 1.03 ng

RT: 13.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

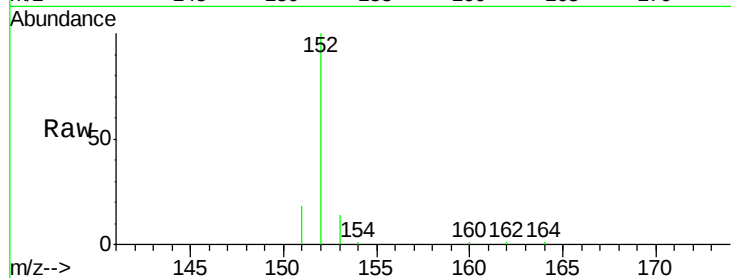
Tgt Ion:152 Resp: 11740

Ion Ratio Lower Upper

152 100

151 18.8 15.1 22.7

153 12.7 10.2 15.4

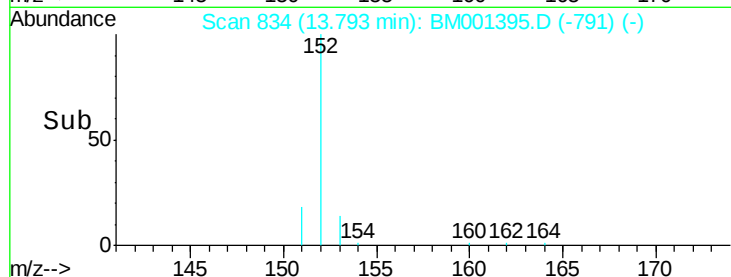


Abundance Ion 152.00 (151.70 to 152.70): E

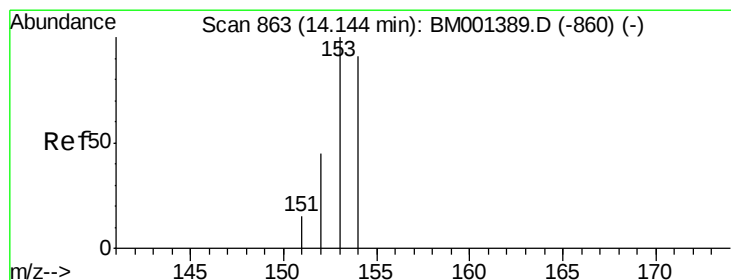
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time--> 13.60 13.80 14.00



Time--> 13.60 13.80 14.00



#16

Acenaphthene

Concen: 1.02 ng

RT: 14.14 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

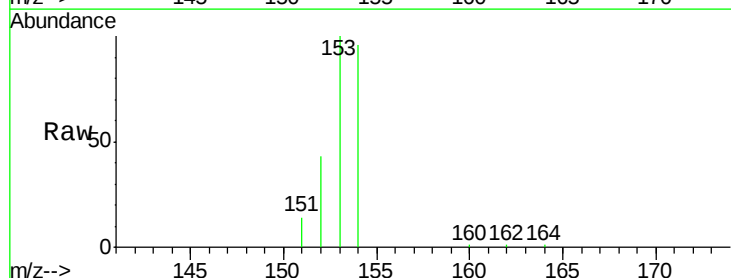
Tgt Ion:154 Resp: 7268

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

152 54.8 44.0 66.0

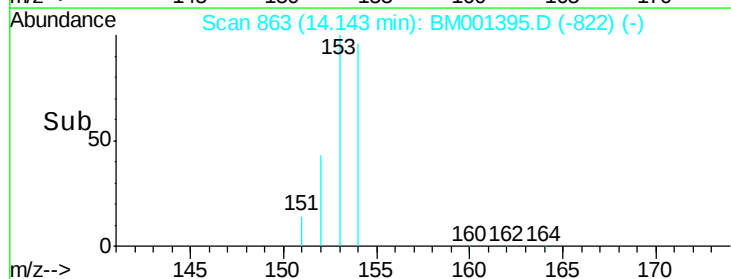


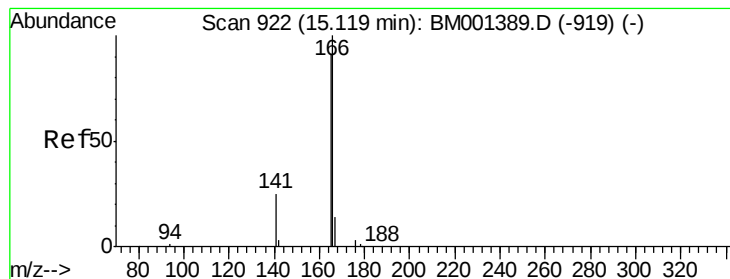
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 14.05 14.10 14.15 14.20





#17

Fluorene

Concen: 0.92 ng

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

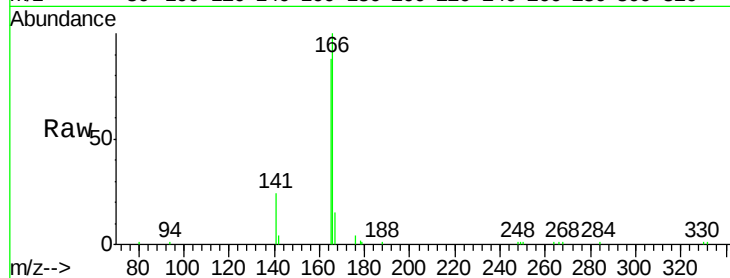
Tgt Ion:166 Resp: 12868

Ion Ratio Lower Upper

166 100

165 87.7 72.6 108.8

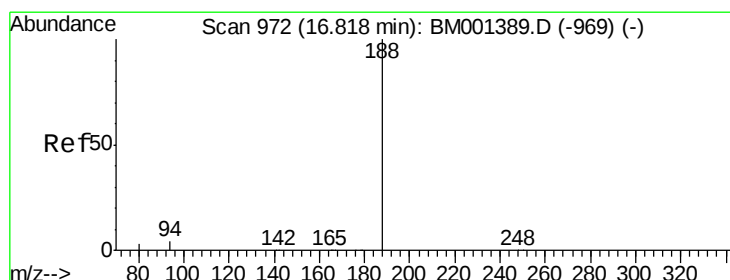
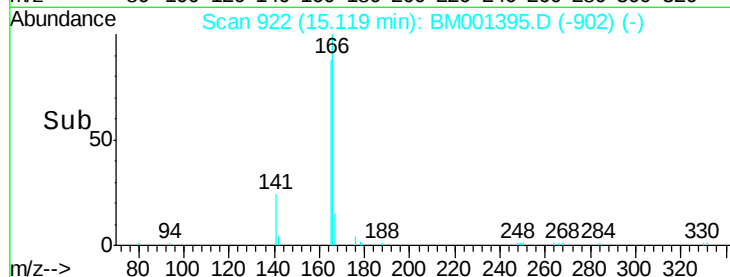
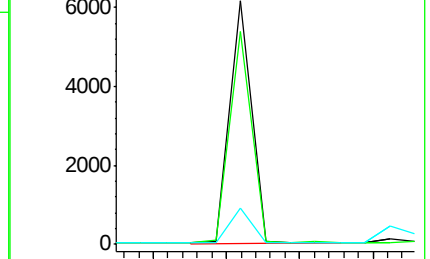
167 14.1 10.9 16.3



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: BM001395.D

Acq: 22 May 2015 23:16

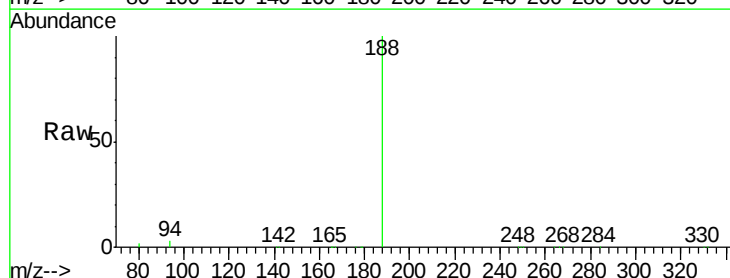
Tgt Ion:188 Resp: 94180

Ion Ratio Lower Upper

188 100

94 2.6 3.0 4.4#

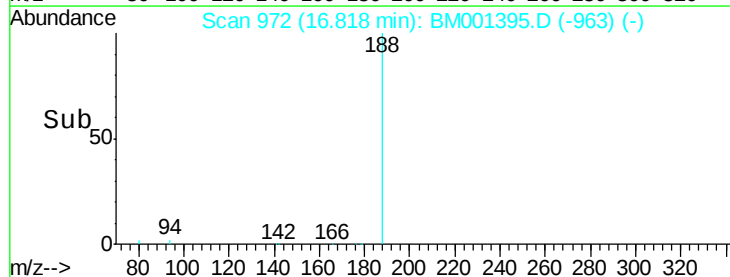
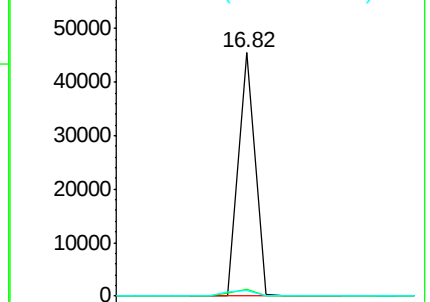
80 2.2 2.5 3.7#

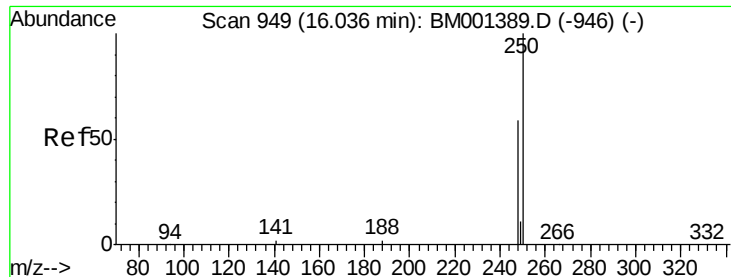


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

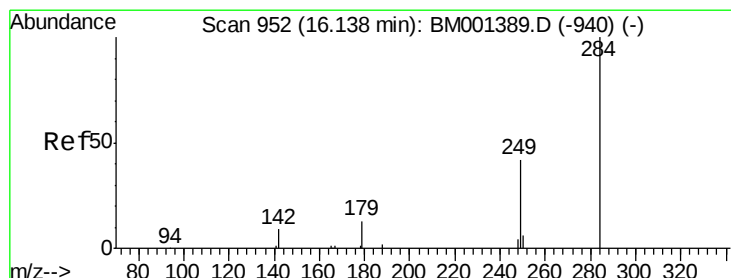
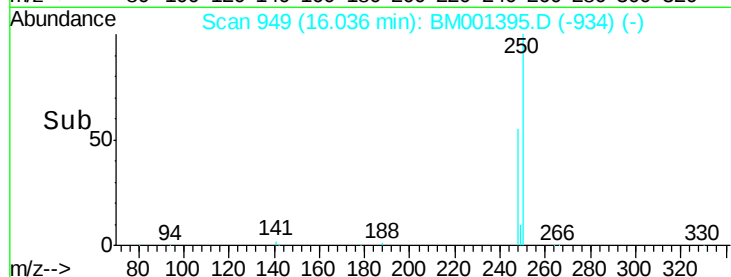
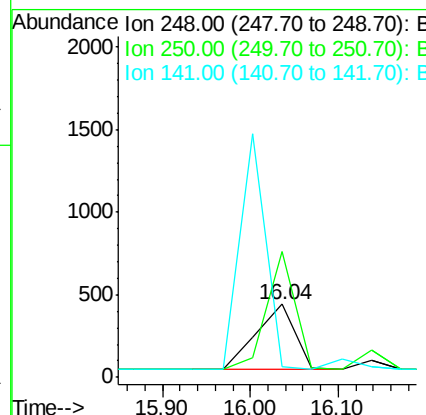
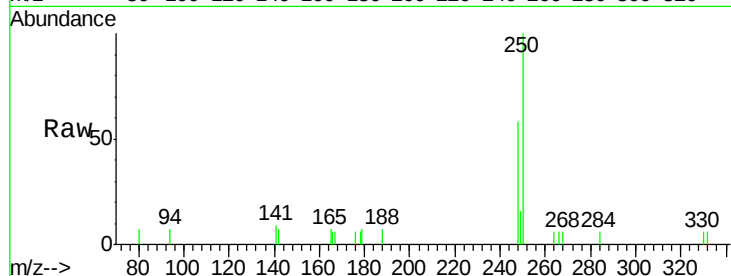




#19
4-Bromophenyl-phenylether
Concen: 1.04 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001395.D
Acq: 22 May 2015 23:16

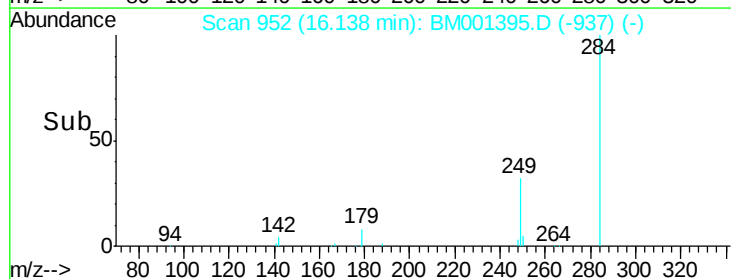
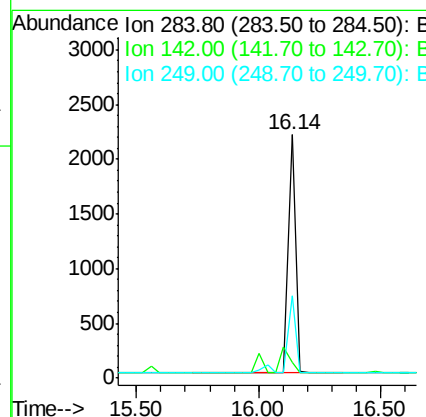
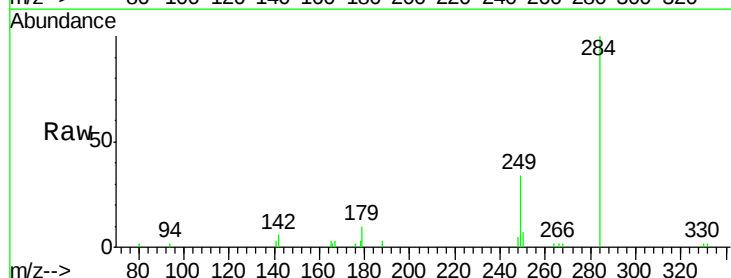
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

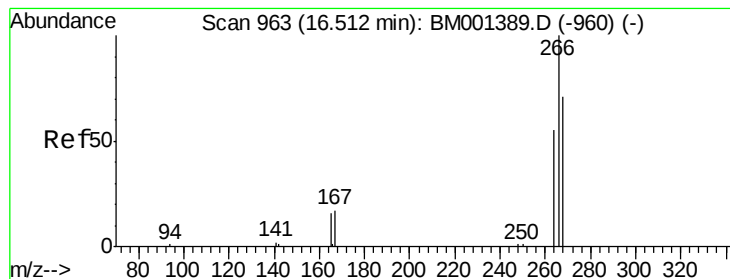
Tgt Ion:248 Resp: 1235
Ion Ratio Lower Upper
248 100
250 133.4 117.8 176.6
141 0.0 0.0 0.0



#20
Hexachlorobenzene
Concen: 1.22 ng
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001395.D
Acq: 22 May 2015 23:16

Tgt Ion:284 Resp: 4488
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 36.7 39.0 58.4#





#21

Pentachlorophenol

Concen: 1.18 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

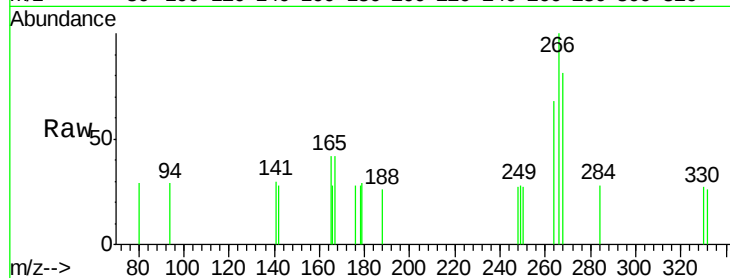
Tgt Ion:266 Resp: 605

Ion Ratio Lower Upper

266 100

268 81.0 63.0 94.4

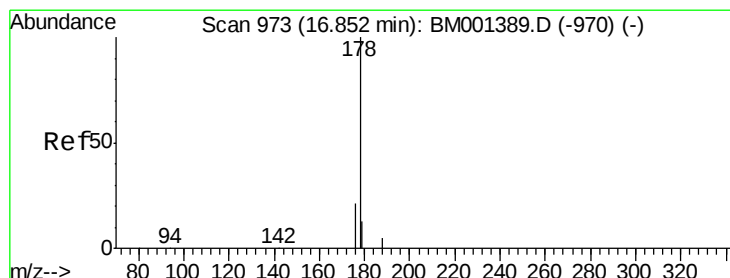
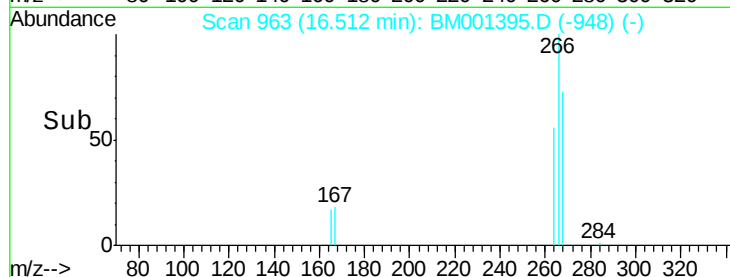
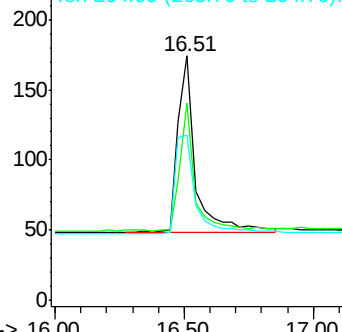
264 67.8 52.8 79.2



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: 1.20 ng

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

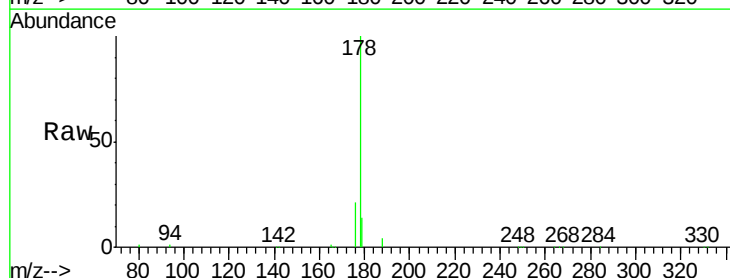
Tgt Ion:178 Resp: 21344

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

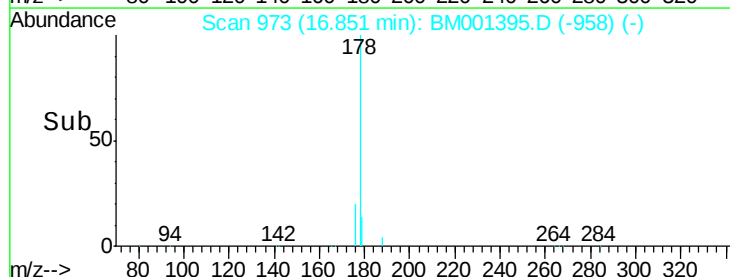
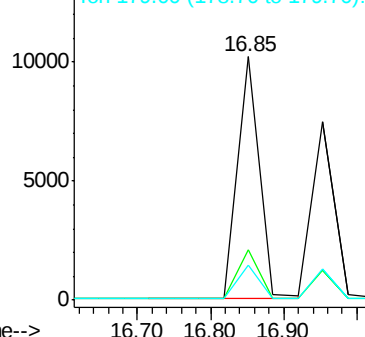
179 14.3 11.0 16.4

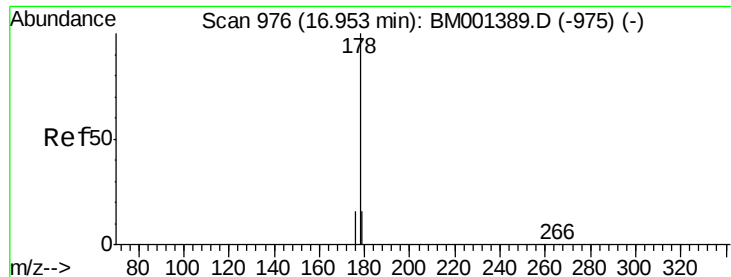


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.94 ng

RT: 16.95 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

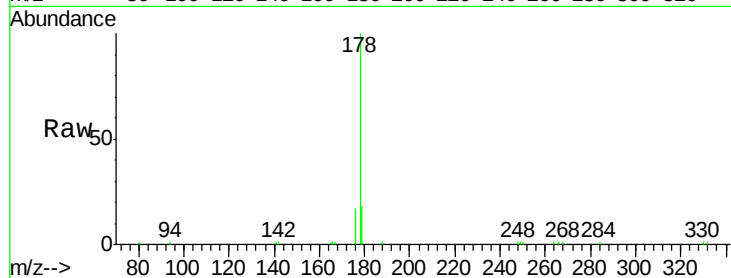
Tgt Ion:178 Resp: 15887

Ion Ratio Lower Upper

178 100

176 16.2 13.1 19.7

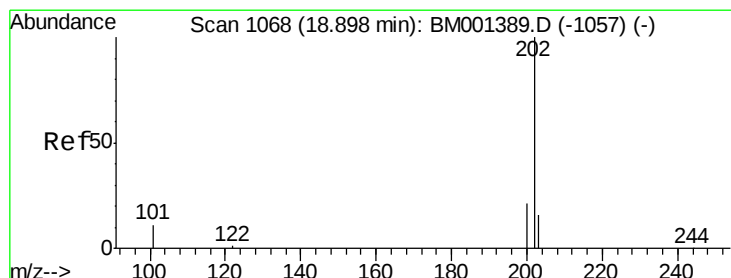
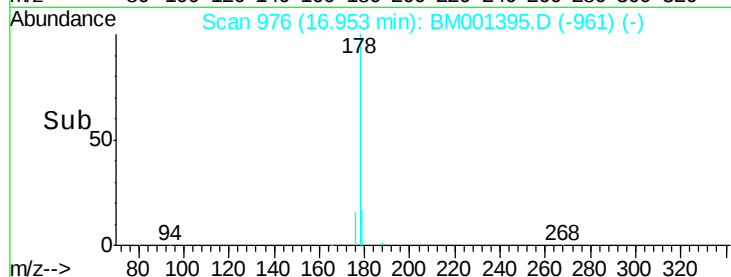
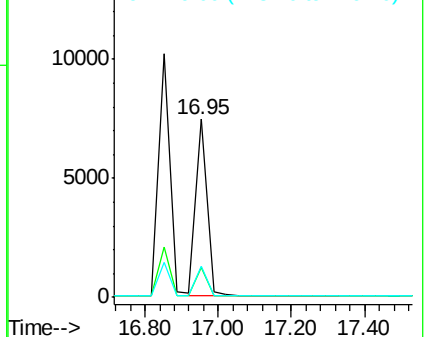
179 16.8 12.8 19.2



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: 0.99 ng

RT: 18.90 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

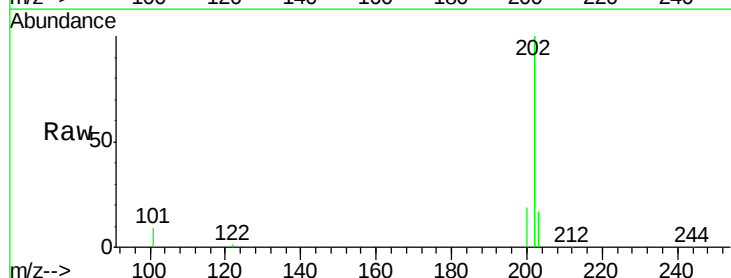
Tgt Ion:202 Resp: 17132

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

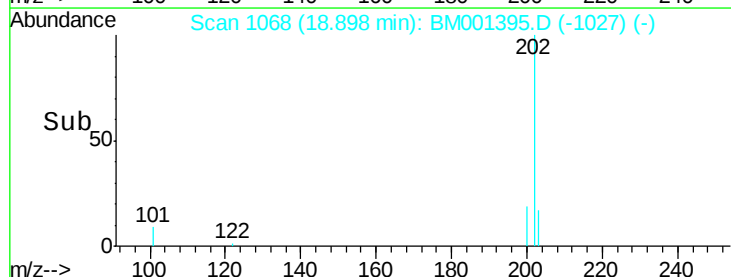
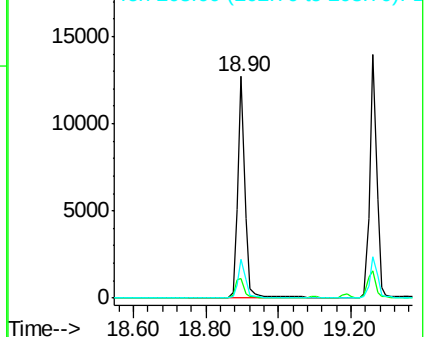
203 17.3 13.8 20.6

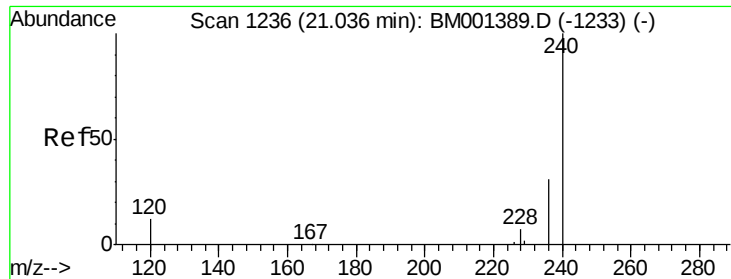


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

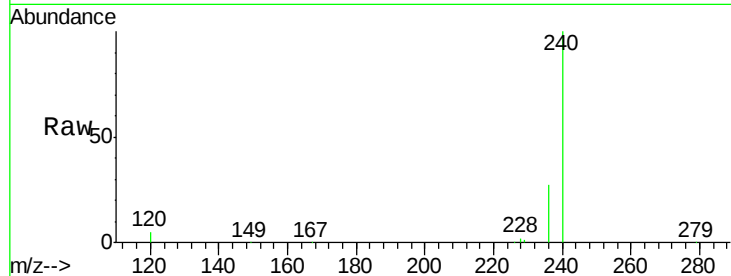
Tgt Ion:240 Resp: 60346

Ion Ratio Lower Upper

240 100

120 5.2 9.7 14.5#

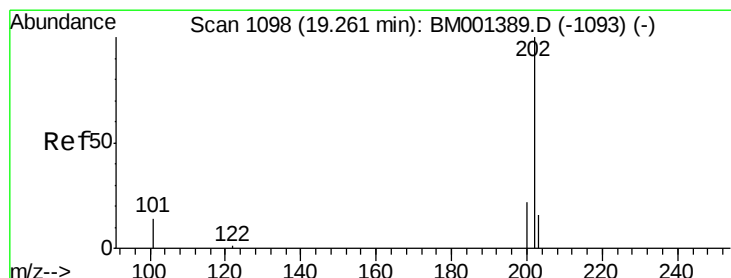
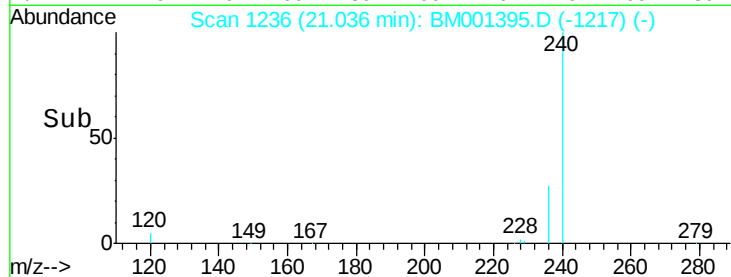
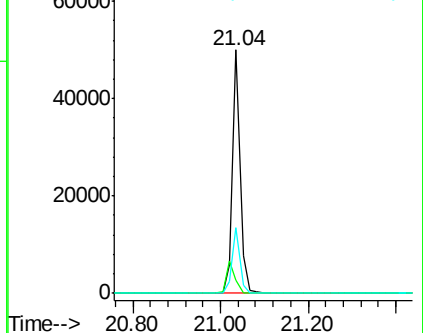
236 27.1 24.8 37.2



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: 1.00 ng

RT: 19.26 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

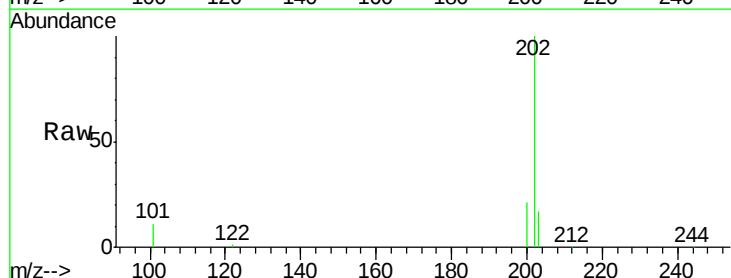
Tgt Ion:202 Resp: 18298

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

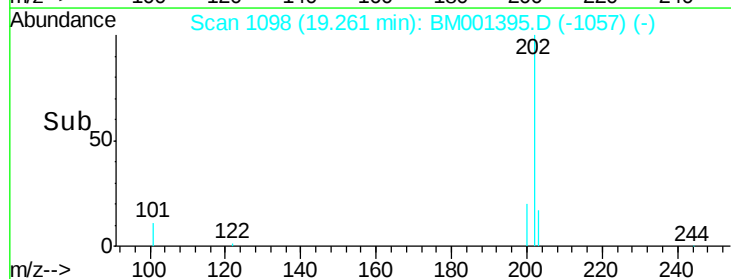
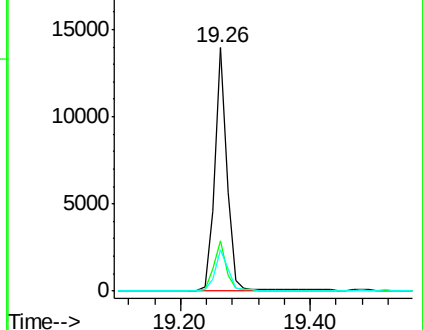
203 17.2 13.9 20.9

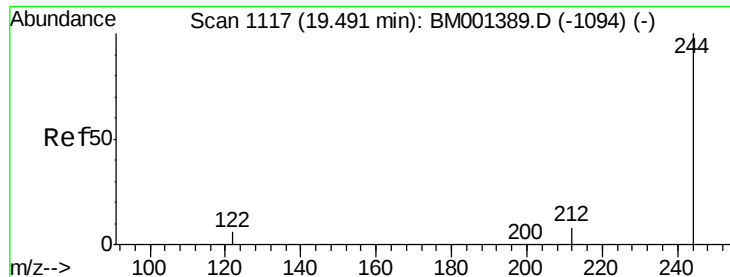


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.99 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

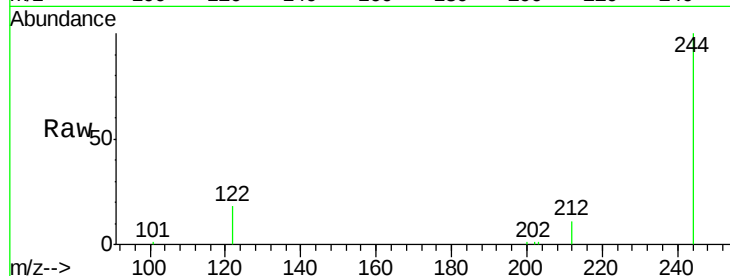
Tgt Ion:244 Resp: 8112

Ion Ratio Lower Upper

244 100

212 10.7 7.2 10.8

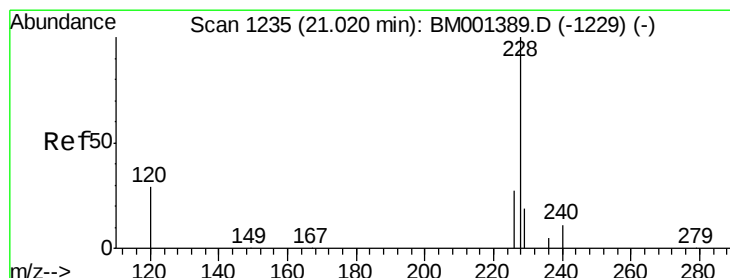
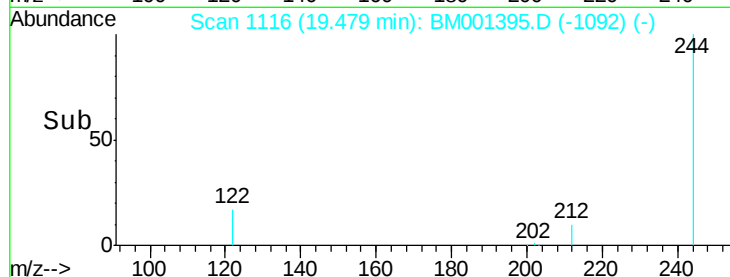
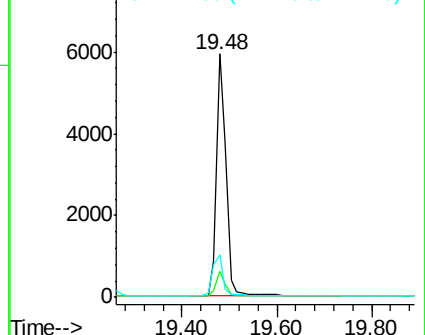
122 17.6 5.1 7.7#



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: 1.05 ng m

RT: 21.02 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

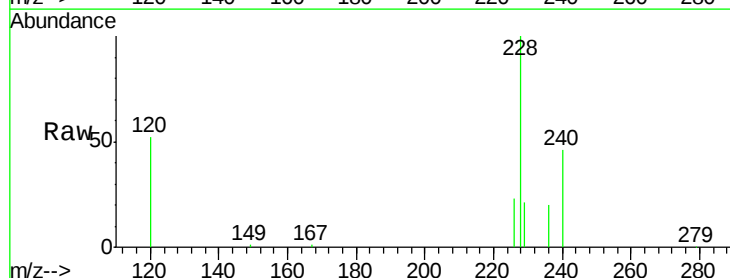
Tgt Ion:228 Resp: 18690

Ion Ratio Lower Upper

228 100

226 23.4 21.9 32.9

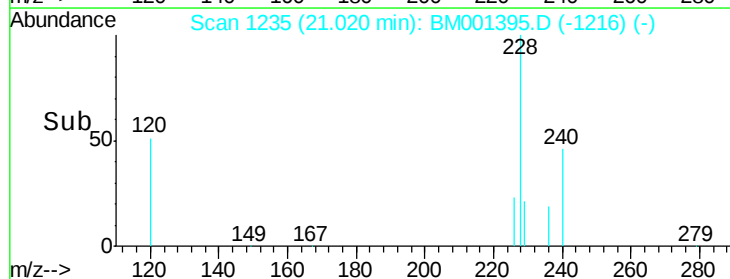
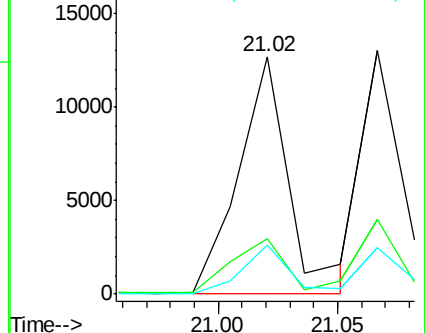
229 20.8 15.1 22.7

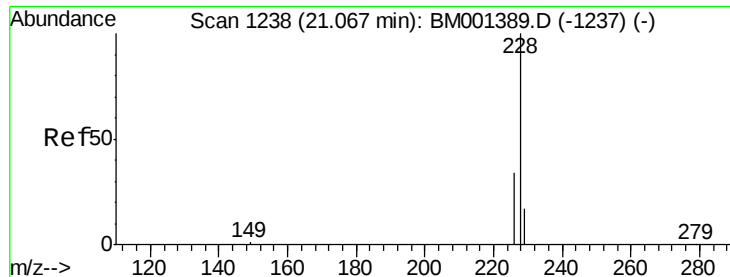


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.95 ng

RT: 21.07 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

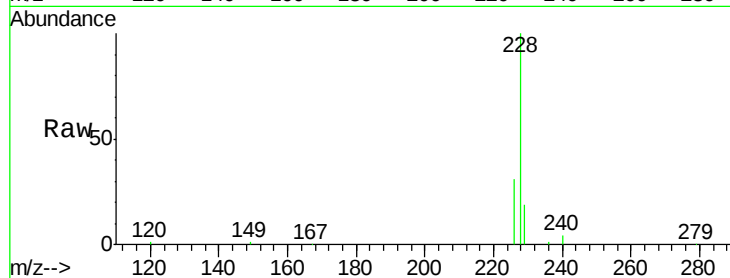
Tgt Ion:228 Resp: 15089

Ion Ratio Lower Upper

228 100

226 30.6 27.6 41.4

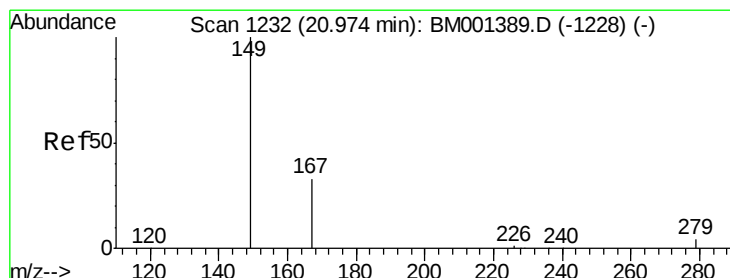
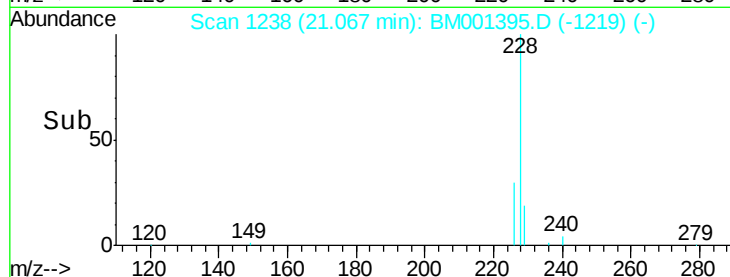
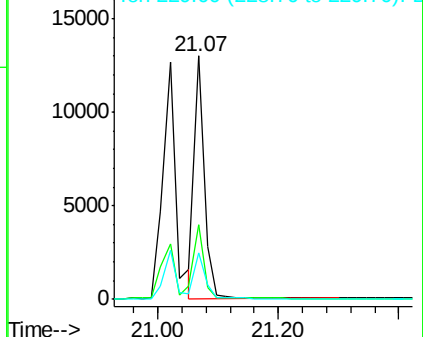
229 19.0 13.6 20.4



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: 0.85 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

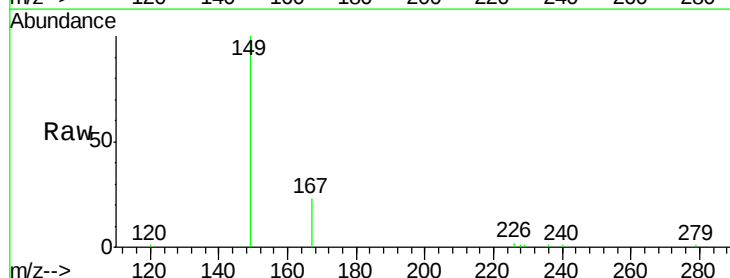
Tgt Ion:149 Resp: 8192

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.6

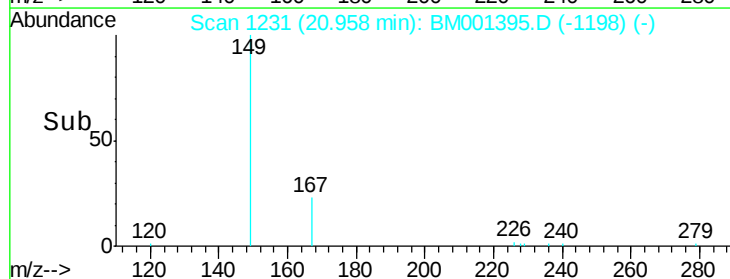
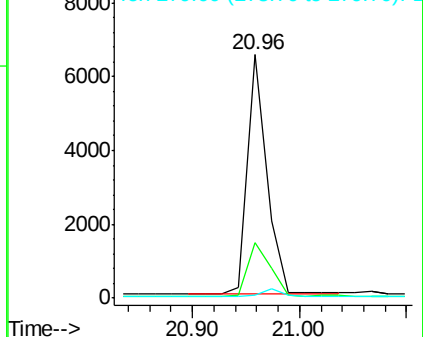
279 2.7 2.2 3.2

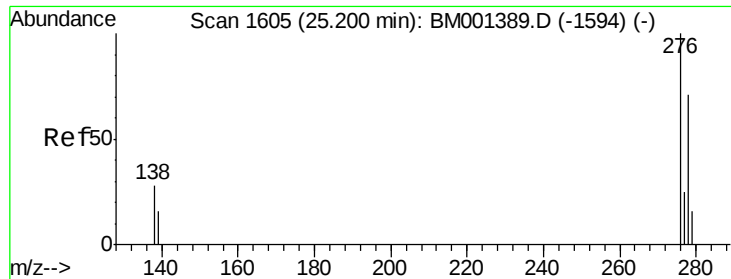


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.99 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

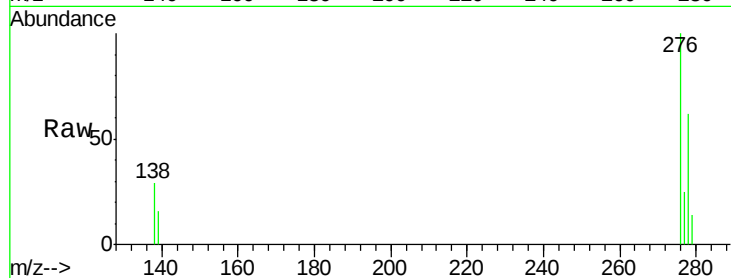
Tgt Ion:276 Resp: 17458

Ion Ratio Lower Upper

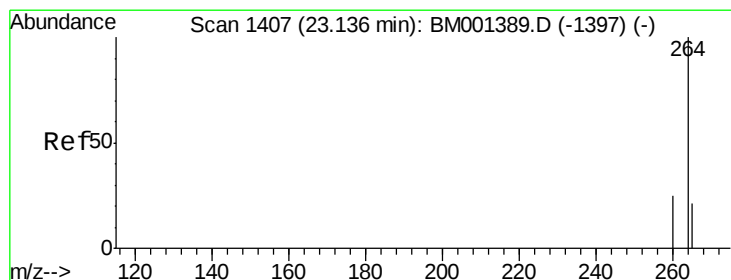
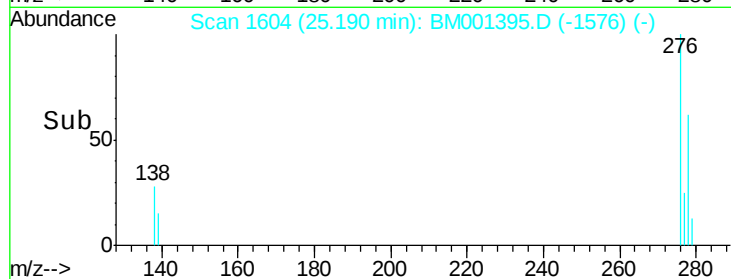
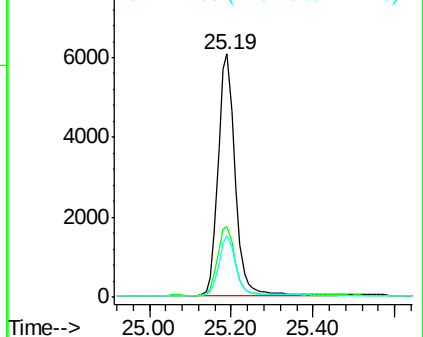
276 100

138 29.4 23.4 35.0

277 24.6 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: 23.14 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

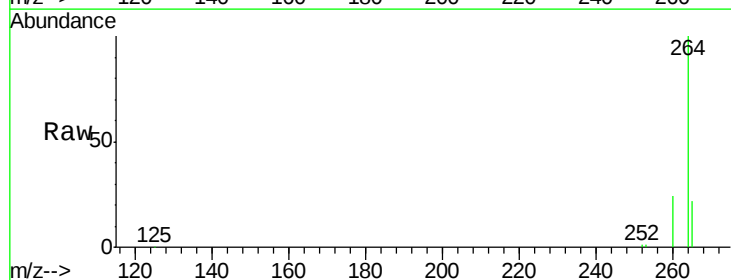
Tgt Ion:264 Resp: 55197

Ion Ratio Lower Upper

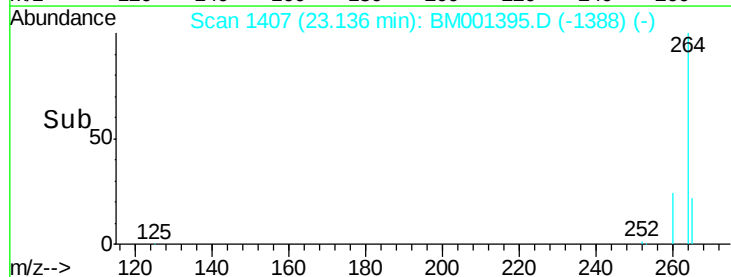
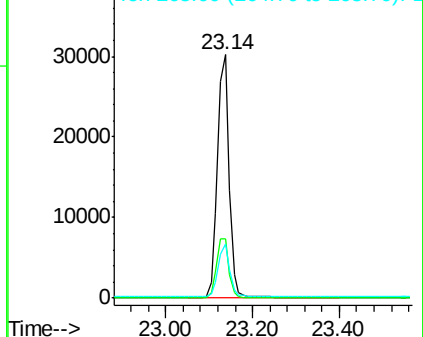
264 100

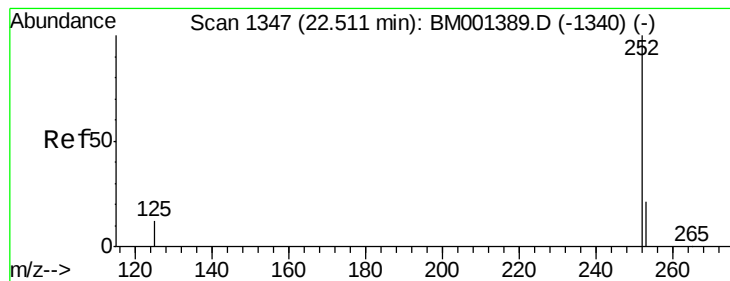
260 24.2 20.1 30.1

265 22.4 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: 1.06 ng

RT: 22.51 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

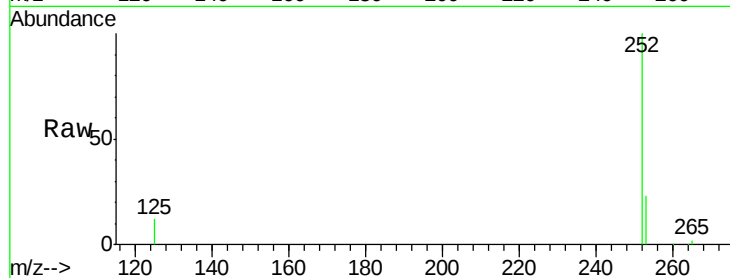
Tgt Ion:252 Resp: 17771

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

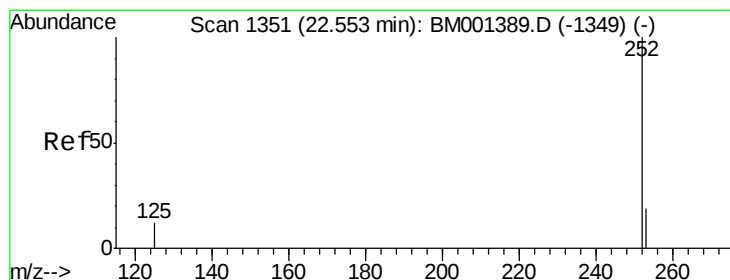
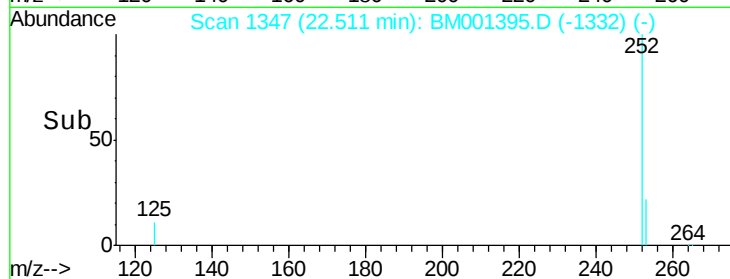
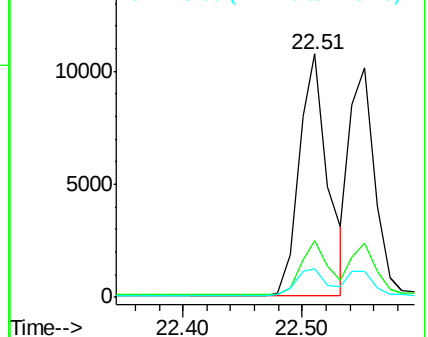
125 11.8 10.2 15.4



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: 0.97 ng

RT: 22.55 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

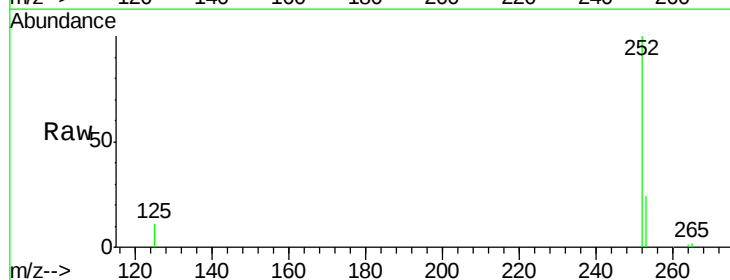
Tgt Ion:252 Resp: 15117

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

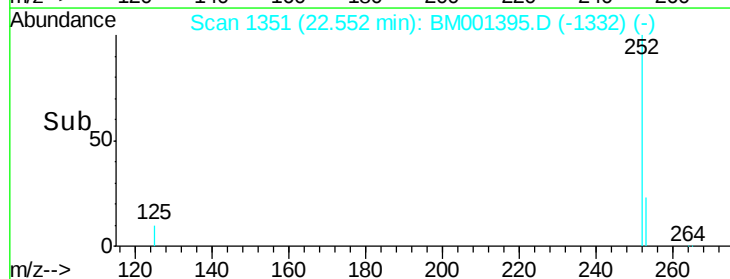
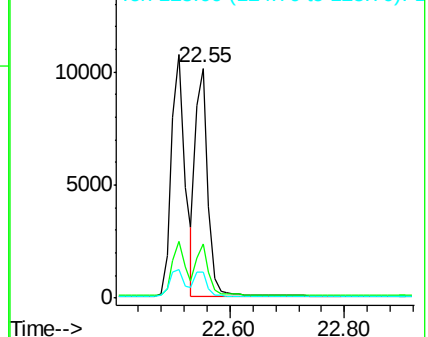
125 11.2 9.7 14.5

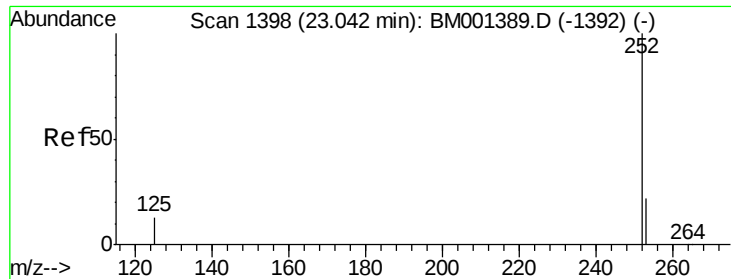


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.03 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

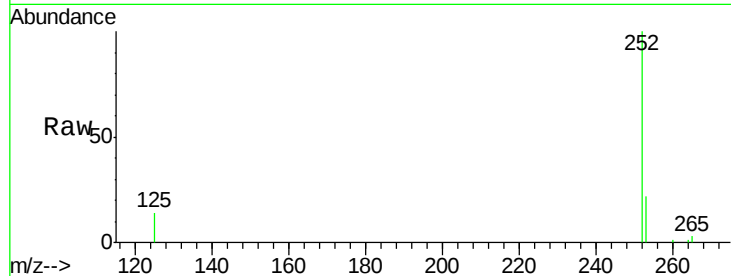
Tgt Ion:252 Resp: 14924

Ion Ratio Lower Upper

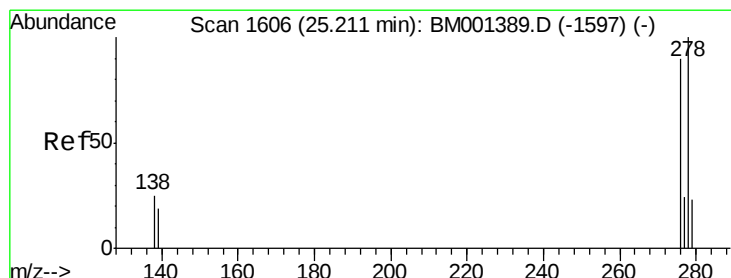
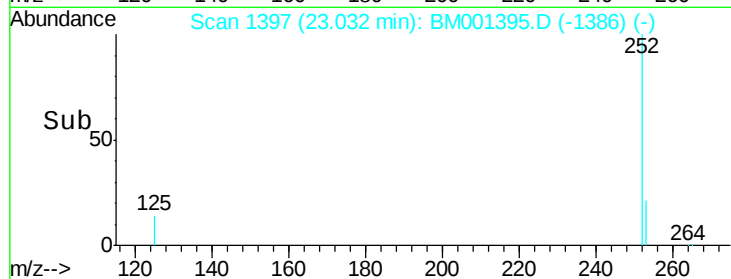
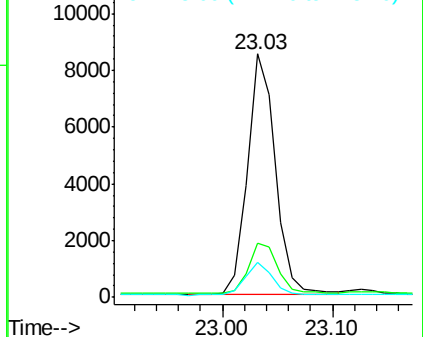
252 100

253 22.0 18.6 28.0

125 14.4 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: 1.01 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001395.D

Acq: 22 May 2015 23:16

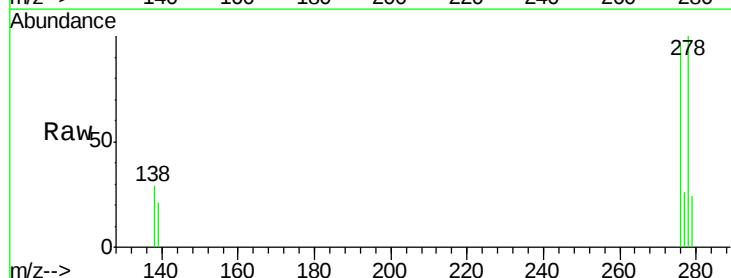
Tgt Ion:278 Resp: 13563

Ion Ratio Lower Upper

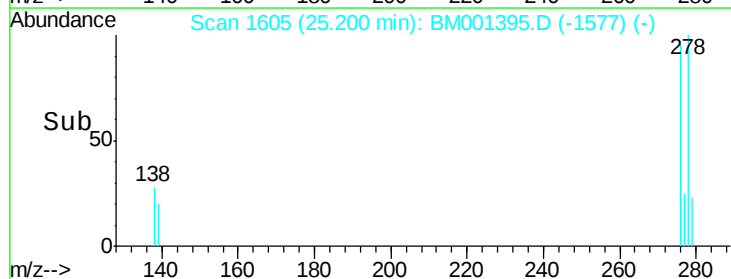
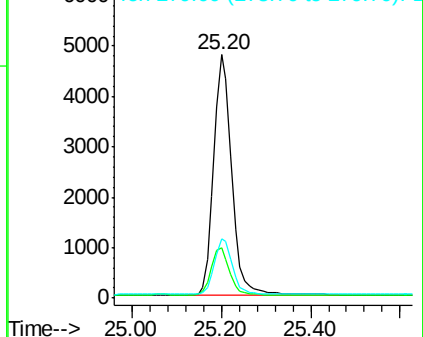
278 100

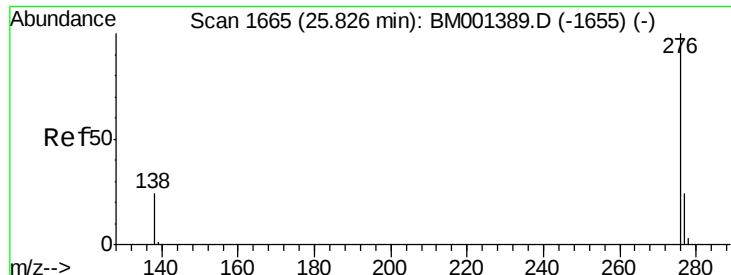
139 20.8 15.7 23.5

279 24.2 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: 1.01 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001395.D

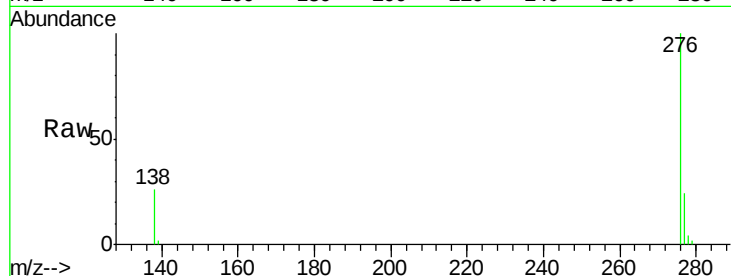
Acq: 22 May 2015 23:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 14365

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 26.3 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

