

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001223.D
 Acq On : 06 May 2015 12:39
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 06 13:24:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14548	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	58807	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	36667	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	58701	5.00	ng	0.00
24) Chrysene-d12	21.14	240	79490	5.00	ng	0.00
30) Perylene-d12	23.29	264	68257	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	3067	1.01	ng	0.00
5) Phenol-d6	6.71	99	3882	1.00	ng	-0.02
7) Nitrobenzene-d5	8.68	82	3378	1.02	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1903	0.92	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	11642	1.04	ng	-0.01
26) Terphenyl-d14	19.59	244	11332	1.00	ng	0.00

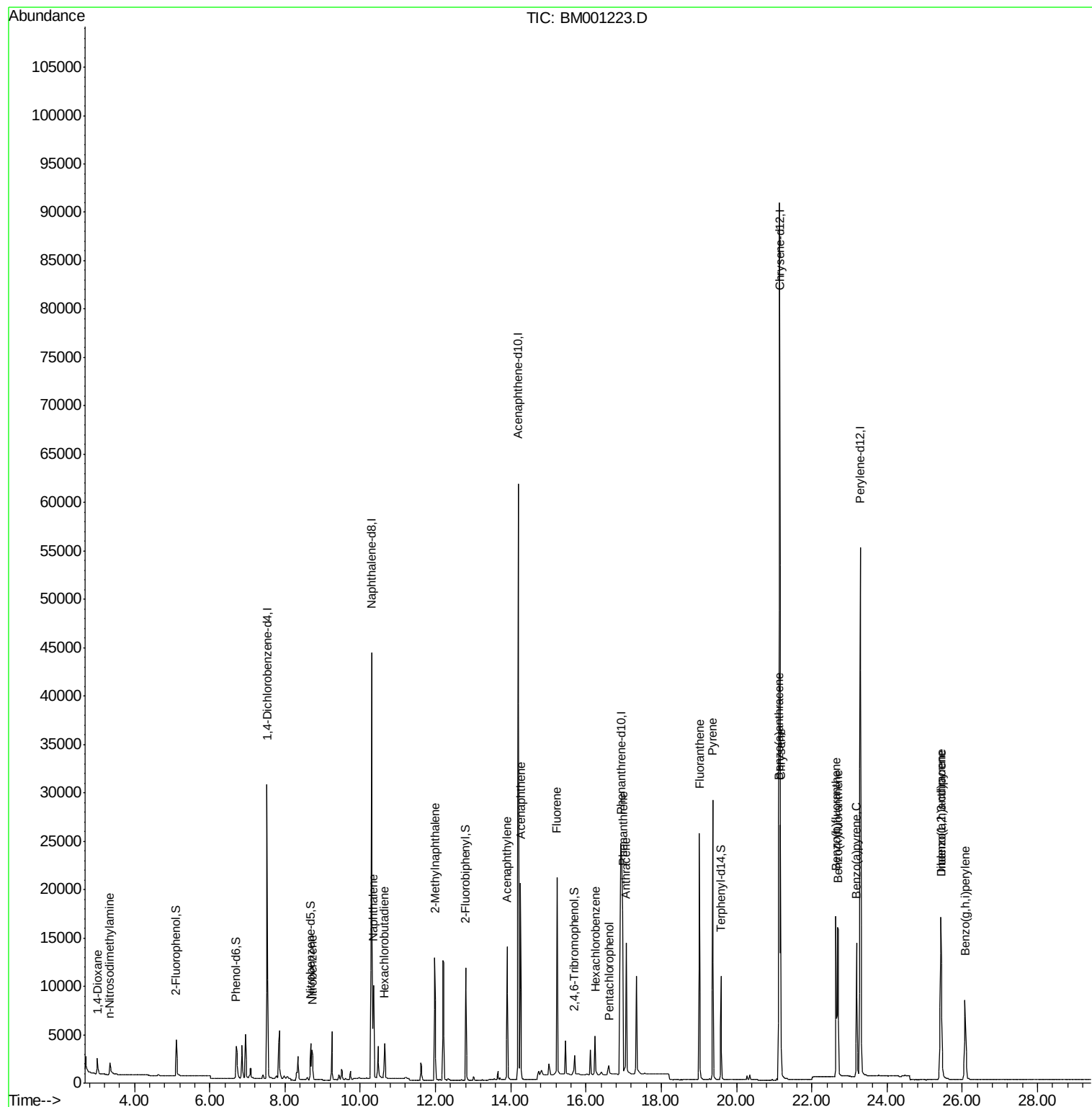
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1467	0.86	ng	# 86
3) n-Nitrosodimethylamine	3.34	42	1611	0.91	ng	99
8) Nitrobenzene	8.72	77	3568	0.97	ng	99
9) Naphthalene	10.35	128	13195	1.03	ng	99
10) Hexachlorobutadiene	10.64	225	2518	1.02	ng	98
11) 2-Methylnaphthalene	11.98	142	9300	1.03	ng	99
15) Acenaphthylene	13.90	152	16288	1.03	ng	100
16) Acenaphthene	14.25	154	10181	1.02	ng	99
17) Fluorene	15.23	166	16386	1.01	ng	99
19) Hexachlorobenzene	16.24	284	3375	1.01	ng	98
20) Pentachlorophenol	16.61	266	960	0.99	ng	99
21) Phenanthrene	16.98	178	24703	0.96	ng	100
22) Anthracene	17.07	178	19976	0.96	ng	100
23) Fluoranthene	19.01	202	23889	1.03	ng	99
25) Pyrene	19.37	202	25323	1.00	ng	100
27) Benzo(a)anthracene	21.12	228	22926	1.01	ng	100
28) Chrysene	21.17	228	22630	1.03	ng	100
29) Indeno(1,2,3-cd)pyrene	25.43	276	19795	1.14	ng	99
31) Benzo(b)fluoranthene	22.64	252	20784	0.95	ng	99
32) Benzo(k)fluoranthene	22.68	252	21476	1.07	ng	99
33) Benzo(a)pyrene	23.19	252	18400	1.02	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	15447	1.05	ng	99
35) Benzo(g,h,i)perylene	26.07	276	16209	1.07	ng	99

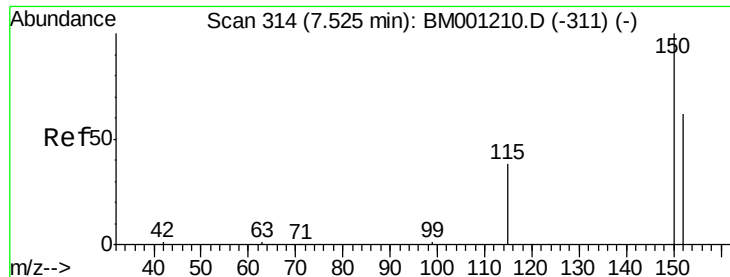
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

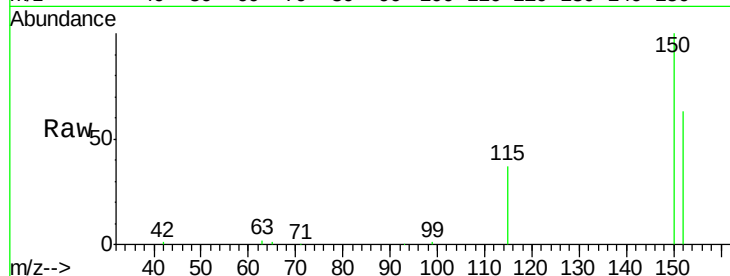
Tgt Ion:152 Resp: 14548

Ion Ratio Lower Upper

152 100

150 157.6 122.0 183.0

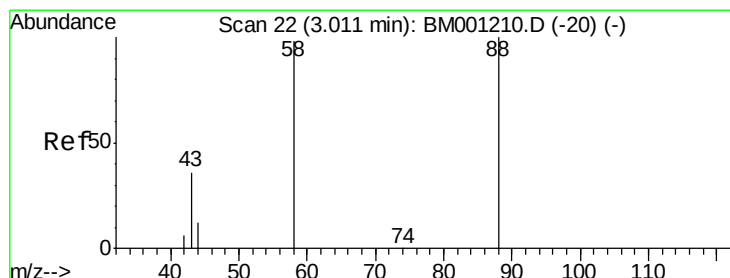
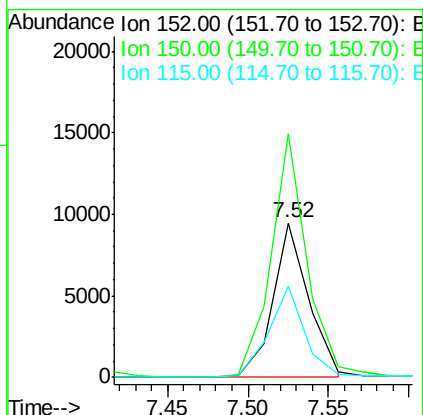
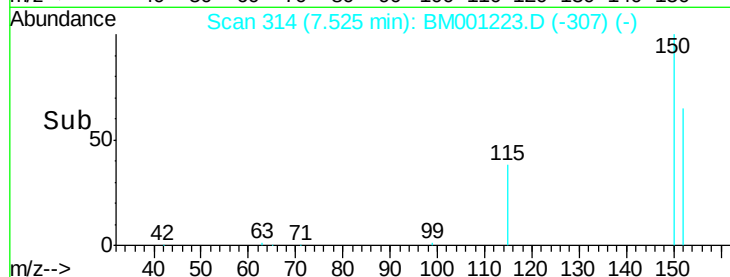
115 59.0 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.86 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

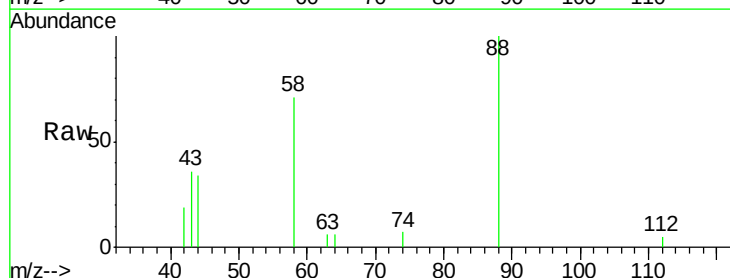
Tgt Ion: 88 Resp: 1467

Ion Ratio Lower Upper

88 100

58 70.6 47.8 71.6

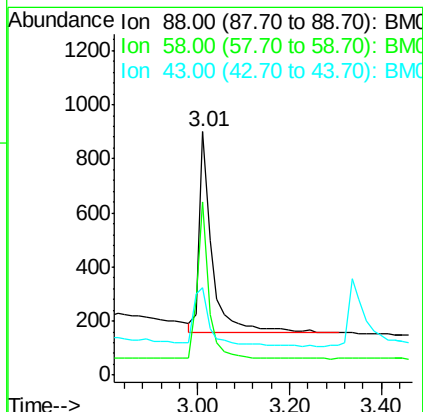
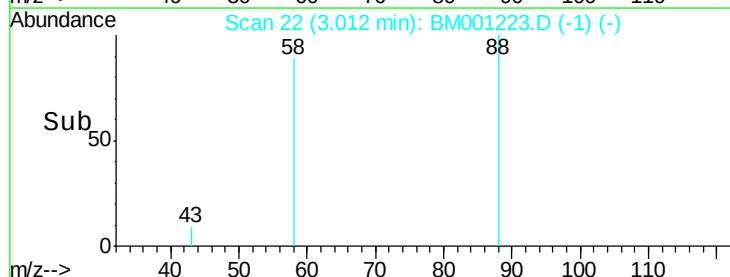
43 35.7 23.2 34.8#

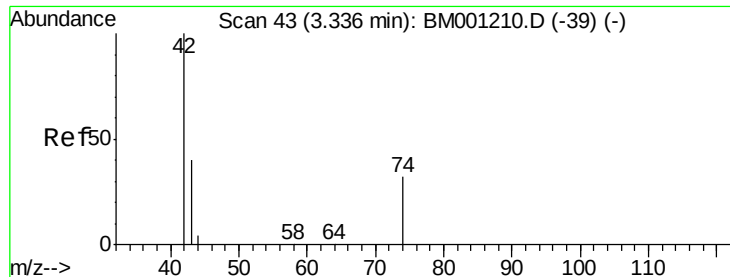


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

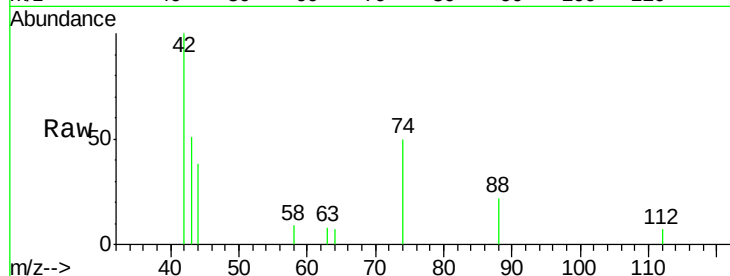
Tgt Ion: 42 Resp: 1611

Ion Ratio Lower Upper

42 100

74 107.1 84.5 126.7

44 7.5 6.2 9.2

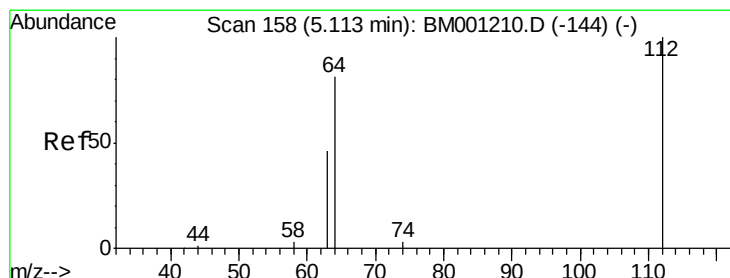
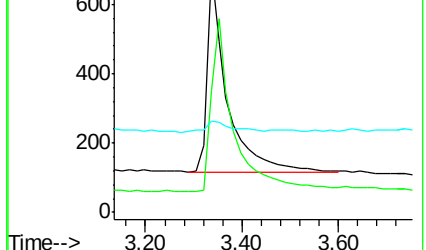
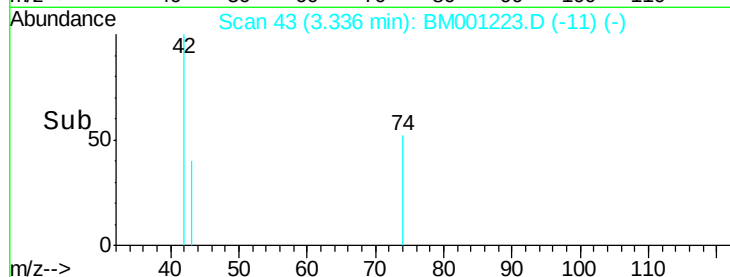


Abundance Ion 42.00 (41.70 to 42.70): BM001210.D (-39) (-)

Ion 74.00 (73.70 to 74.70): BM001210.D (-39) (-)

Ion 44.00 (43.70 to 44.70): BM001210.D (-39) (-)

Time-->



#4

2-Fluorophenol

Concen: 1.01 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

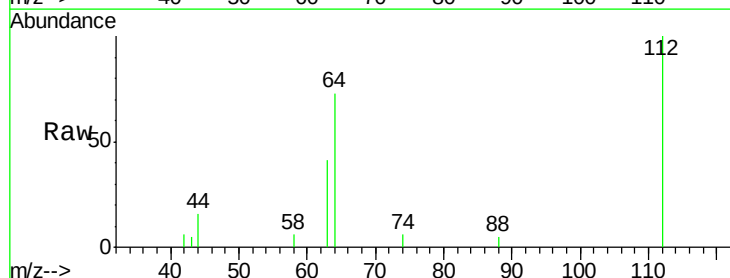
Tgt Ion: 112 Resp: 3067

Ion Ratio Lower Upper

112 100

64 63.5 51.0 76.4

63 35.6 28.8 43.2

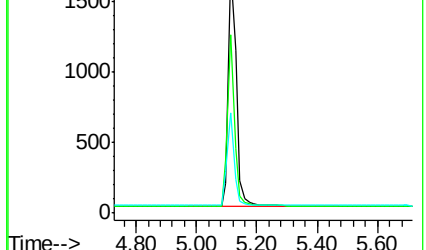
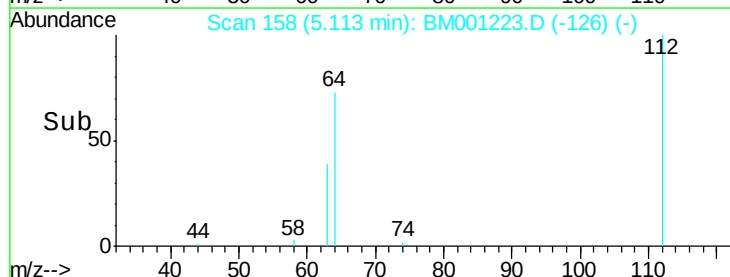


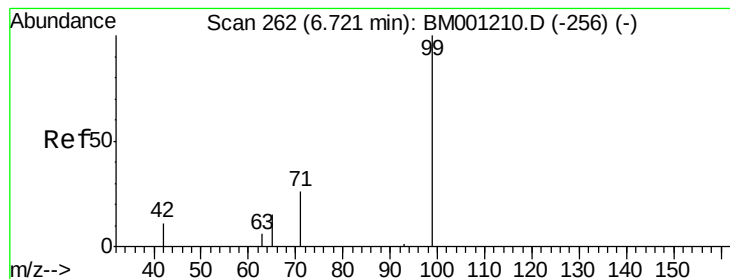
Abundance Ion 112.00 (111.70 to 112.70): BM001210.D (-144) (-)

Ion 64.00 (63.70 to 64.70): BM001210.D (-144) (-)

Ion 63.00 (62.70 to 63.70): BM001210.D (-144) (-)

Time-->





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.71 min Scan# 261

Delta R.T. -0.02 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

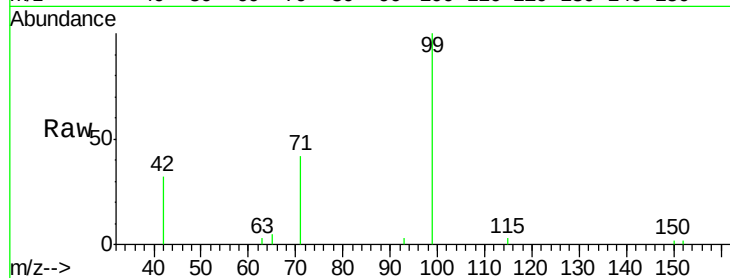
Tgt Ion: 99 Resp: 3882

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

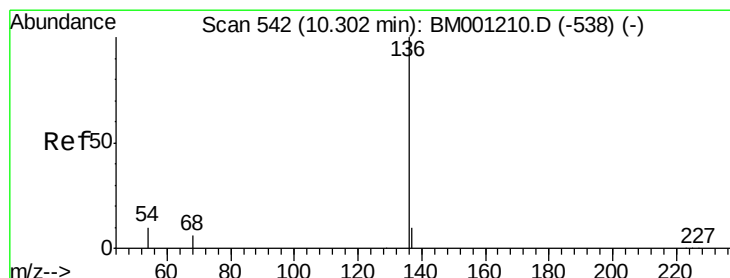
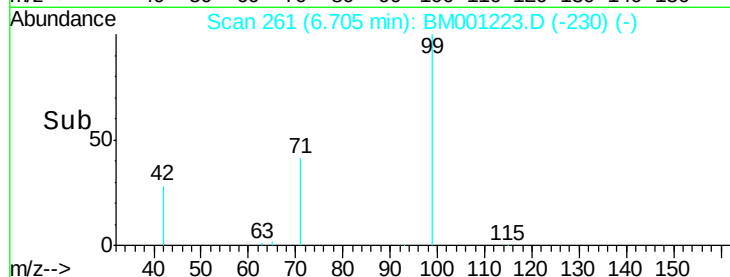
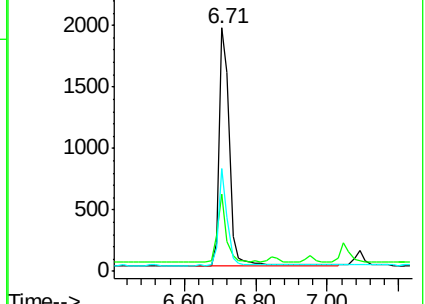
71 34.3 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BM001210.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001210.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001210.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Tgt Ion: 136 Resp: 58807

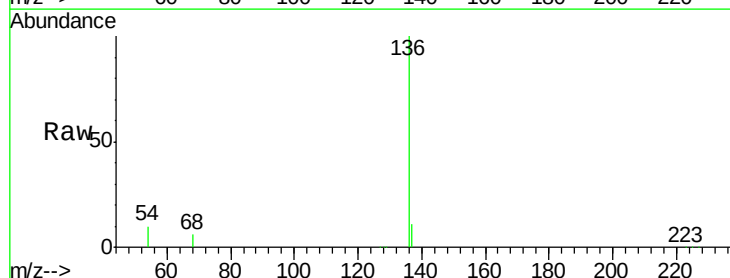
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 9.9 8.3 12.5

68 6.1 4.2 6.4

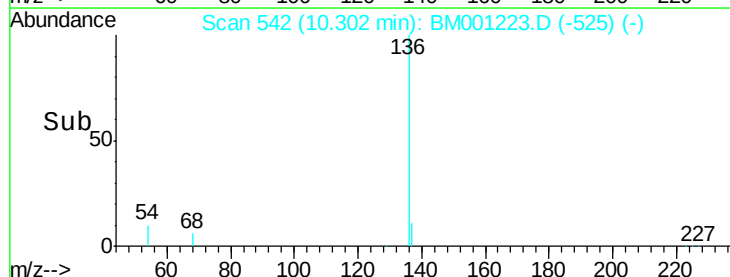
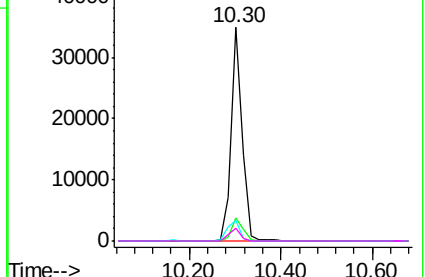


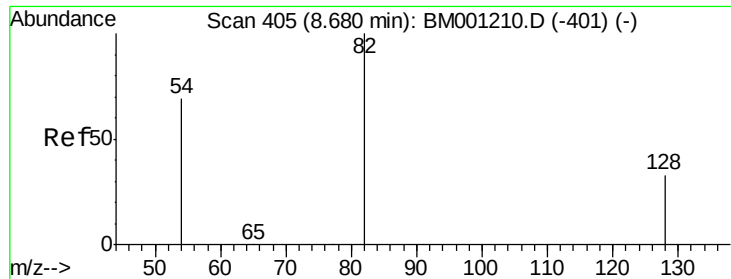
Abundance Ion 136.00 (135.70 to 136.70): BM001210.D (-538) (-)

Ion 137.00 (136.70 to 137.70): BM001210.D (-538) (-)

Ion 54.00 (53.70 to 54.70): BM001210.D (-538) (-)

Ion 68.00 (67.70 to 68.70): BM001210.D (-538) (-)





#7

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.68 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

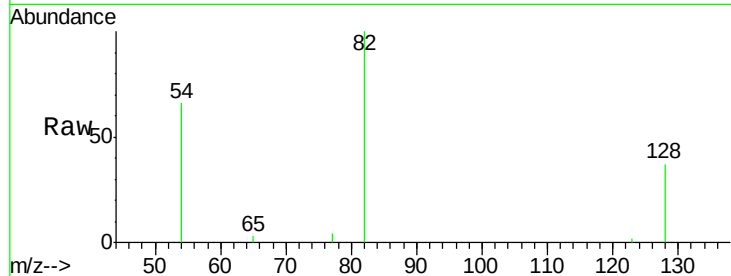
Tgt Ion: 82 Resp: 3378

Ion Ratio Lower Upper

82 100

128 36.8 27.8 41.6

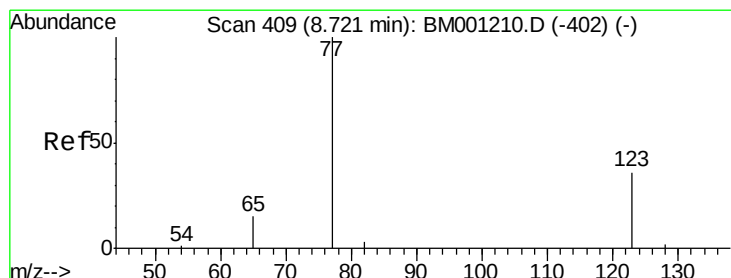
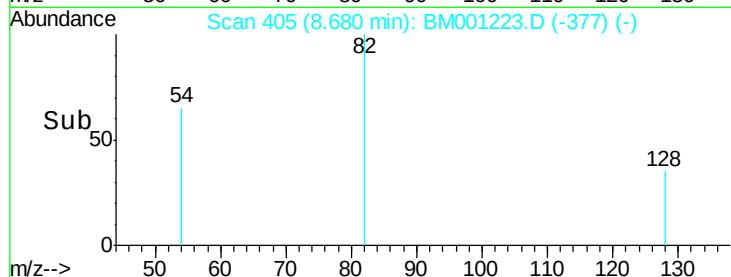
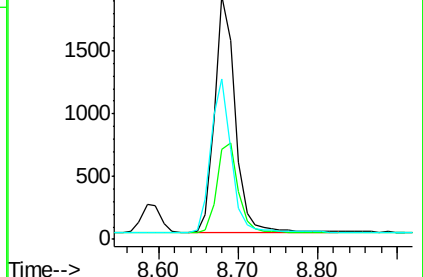
54 65.7 56.0 84.0



Abundance Ion 82.00 (81.70 to 82.70): BM001223.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BM001223.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BM001223.D (-377) (-)



#8

Nitrobenzene

Concen: 0.97 ng

RT: 8.72 min Scan# 409

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

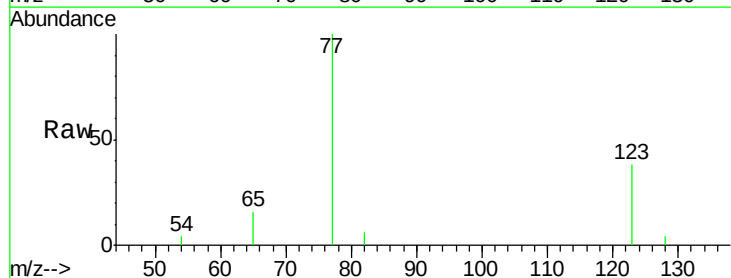
Tgt Ion: 77 Resp: 3568

Ion Ratio Lower Upper

77 100

123 42.1 33.9 50.9

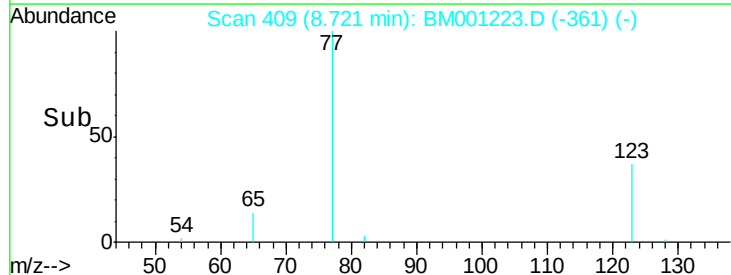
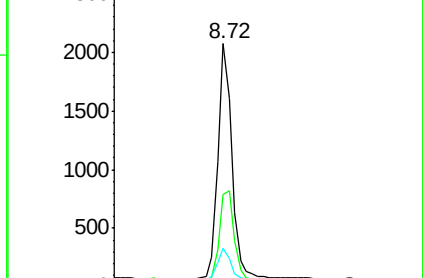
65 13.6 11.4 17.2

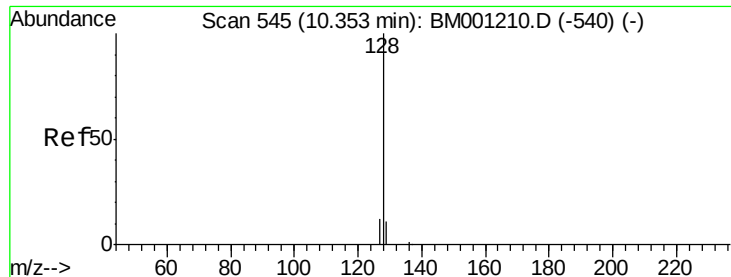


Abundance Ion 77.00 (76.70 to 77.70): BM001223.D (-361) (-)

Ion 123.00 (122.70 to 123.70): BM001223.D (-361) (-)

Ion 65.00 (64.70 to 65.70): BM001223.D (-361) (-)





#9

Naphthalene

Concen: 1.03 ng

RT: 10.35 min Scan# 545

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

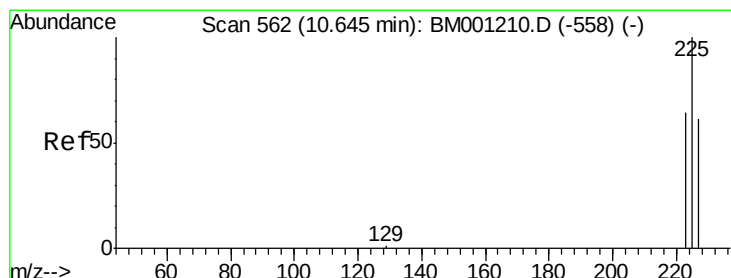
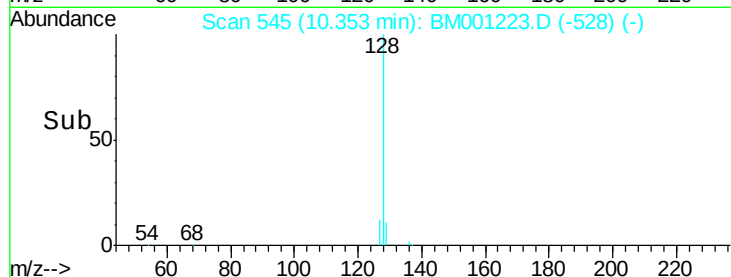
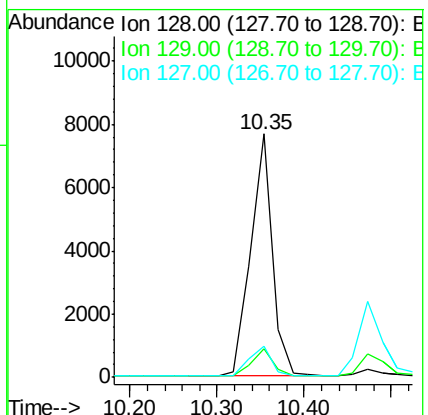
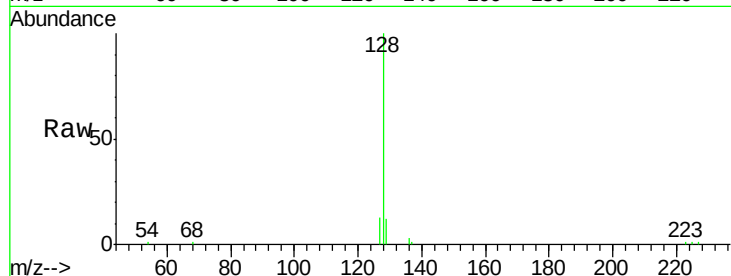
Tgt Ion:128 Resp: 13195

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 12.6 10.2 15.4



#10

Hexachlorobutadiene

Concen: 1.02 ng

RT: 10.64 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

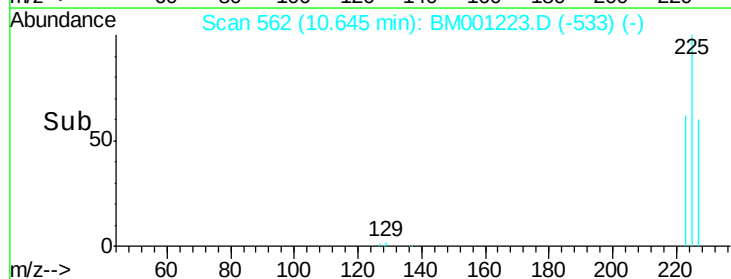
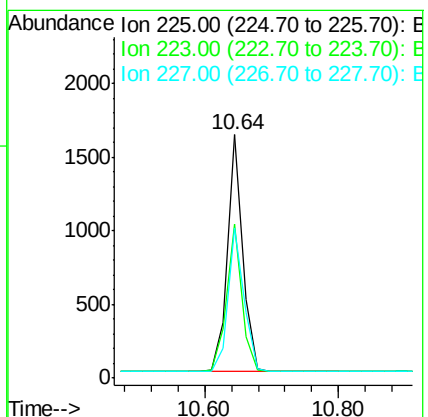
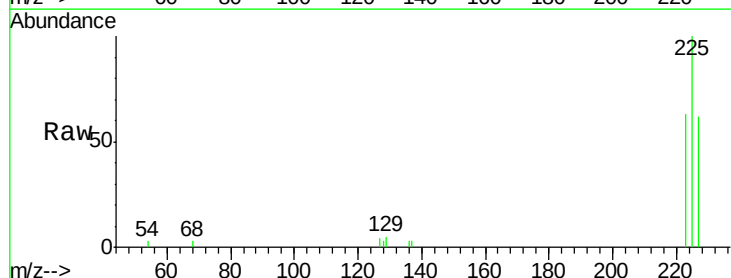
Tgt Ion:225 Resp: 2518

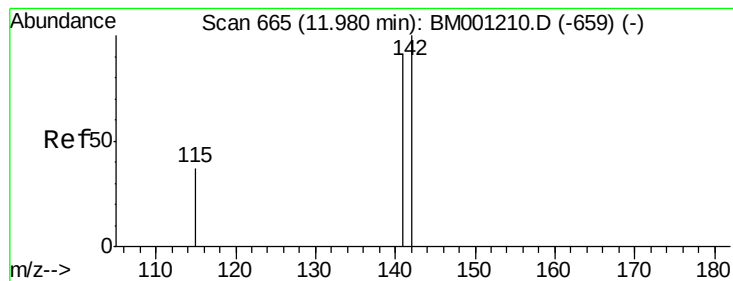
Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.6

227 63.3 51.7 77.5





#11

2-Methylnaphthalene

Concen: 1.03 ng

RT: 11.98 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

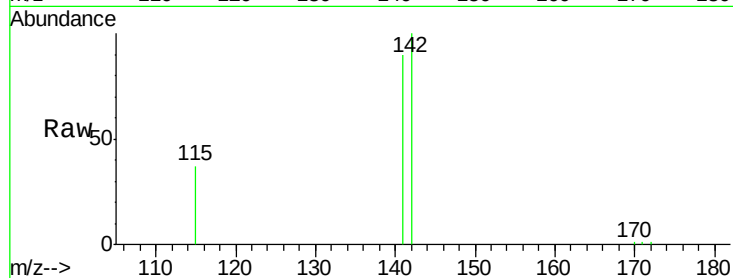
Tgt Ion:142 Resp: 9300

Ion Ratio Lower Upper

142 100

141 89.9 72.5 108.7

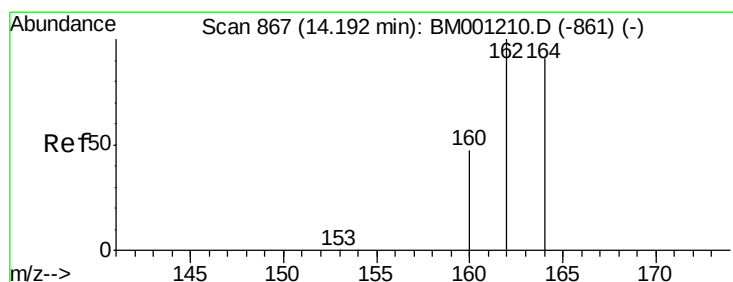
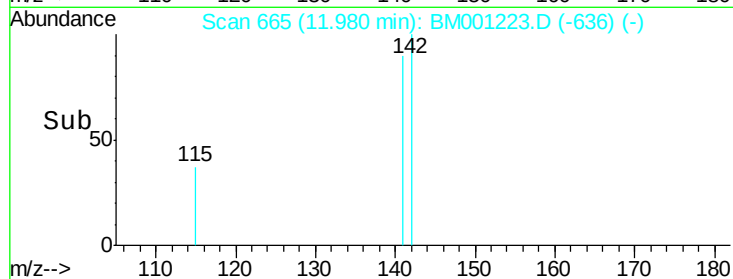
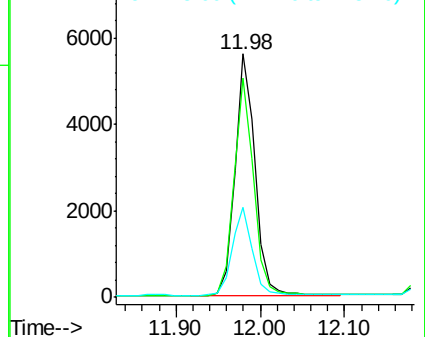
115 37.1 30.3 45.5



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: 14.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

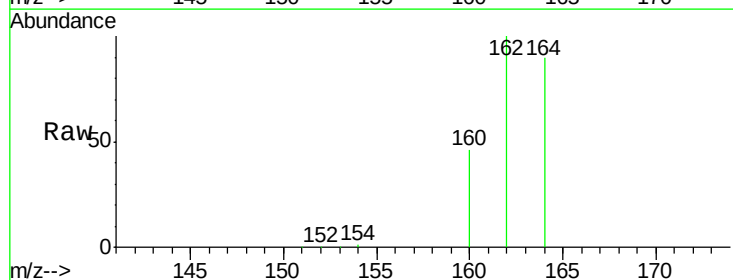
Tgt Ion:164 Resp: 36667

Ion Ratio Lower Upper

164 100

162 110.6 82.7 124.1

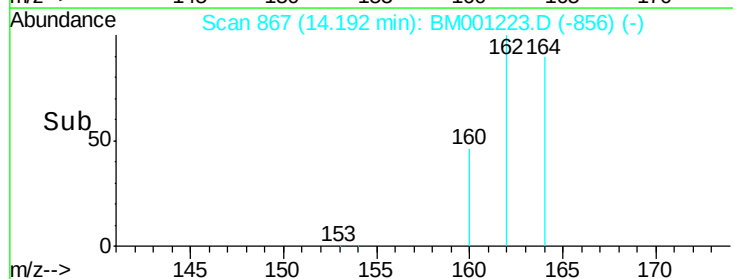
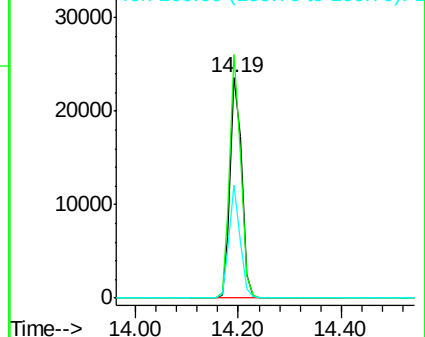
160 51.1 35.8 53.8

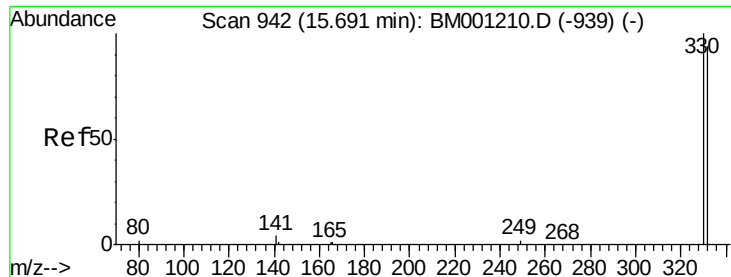


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

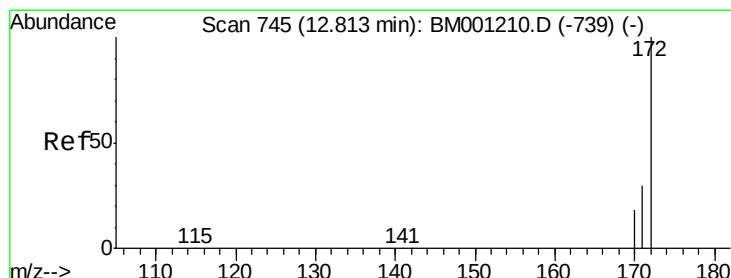
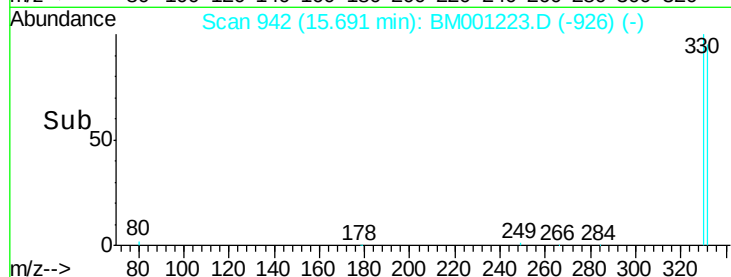
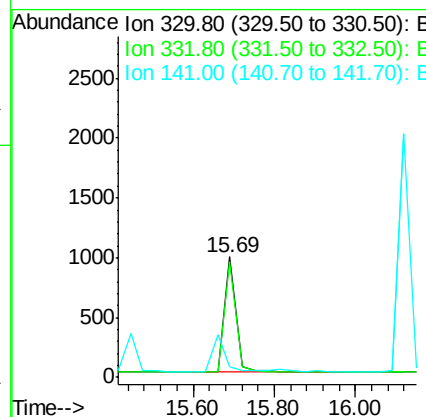
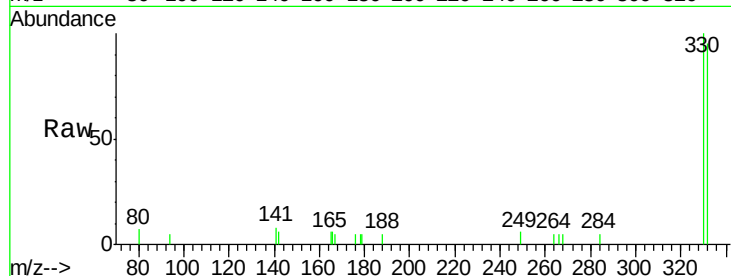




#13
 2,4,6-Tribromophenol
 Concen: 0.92 ng
 RT: 15.69 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001223.D
 Acq: 06 May 2015 12:39

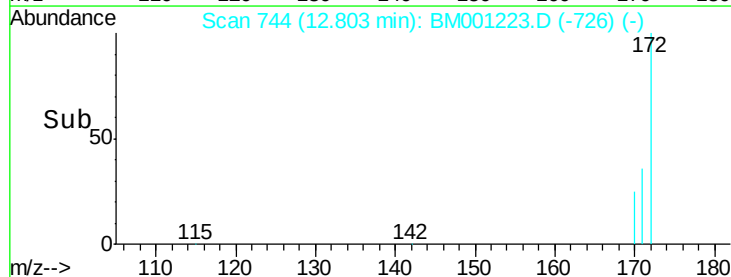
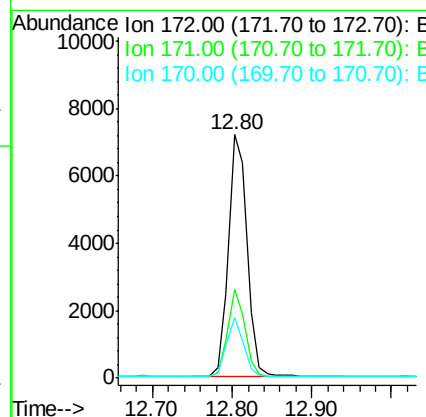
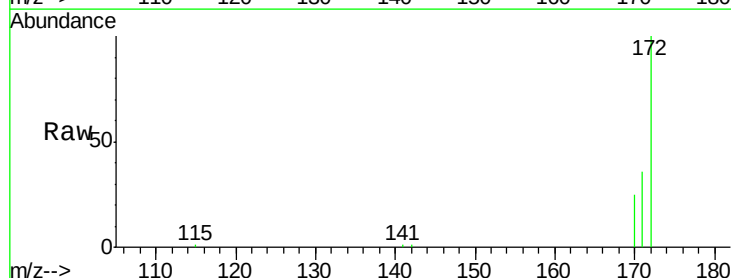
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

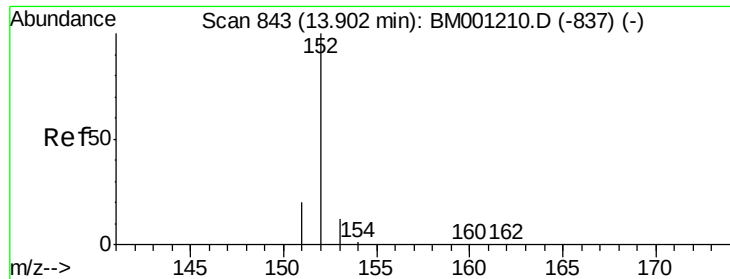
Tgt Ion:330 Resp: 1903
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 1.04 ng
 RT: 12.80 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM001223.D
 Acq: 06 May 2015 12:39

Tgt Ion:172 Resp: 11642
 Ion Ratio Lower Upper
 172 100
 171 36.4 24.6 37.0
 170 25.1 14.5 21.7#





#15

Acenaphthylene

Concen: 1.03 ng

RT: 13.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

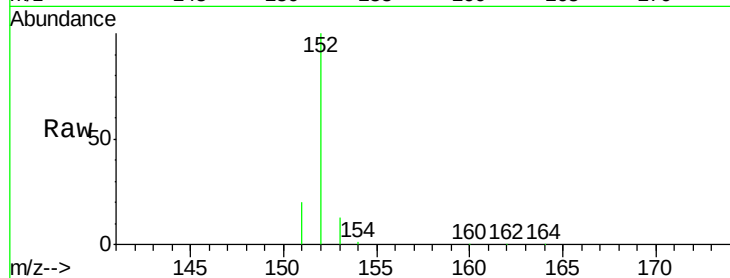
Tgt Ion:152 Resp: 16288

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.6

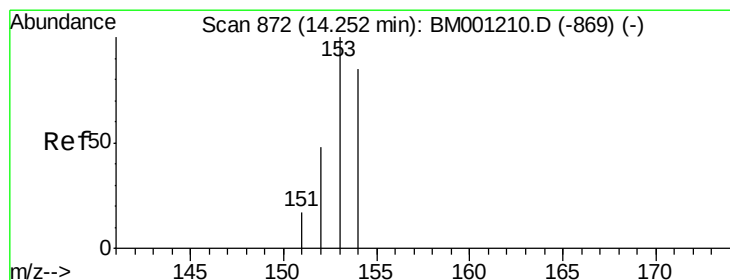
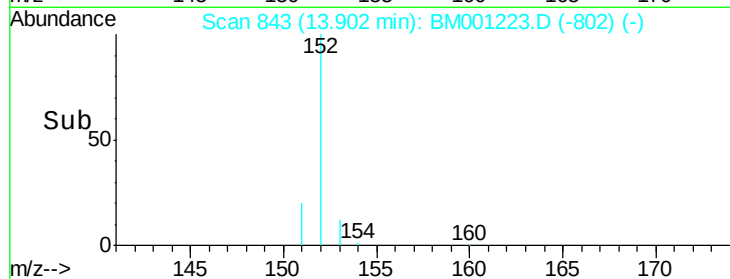
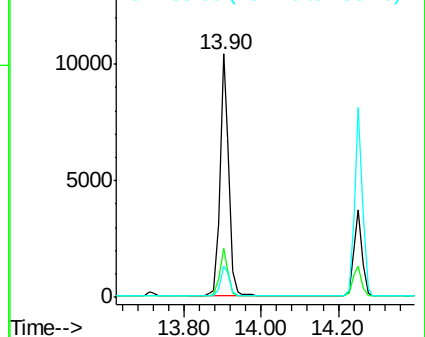
153 12.8 10.3 15.5



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: 1.02 ng

RT: 14.25 min Scan# 872

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

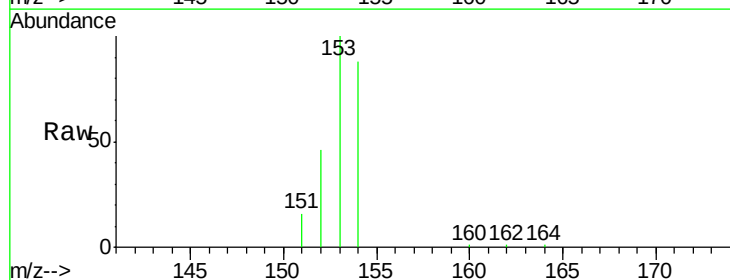
Tgt Ion:154 Resp: 10181

Ion Ratio Lower Upper

154 100

153 112.8 91.0 136.6

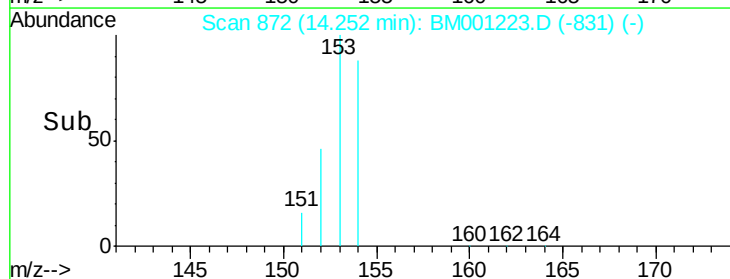
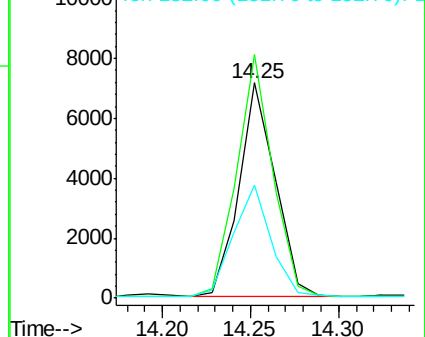
152 54.1 43.4 65.0

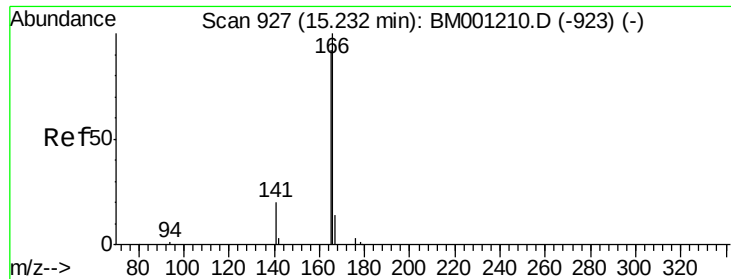


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

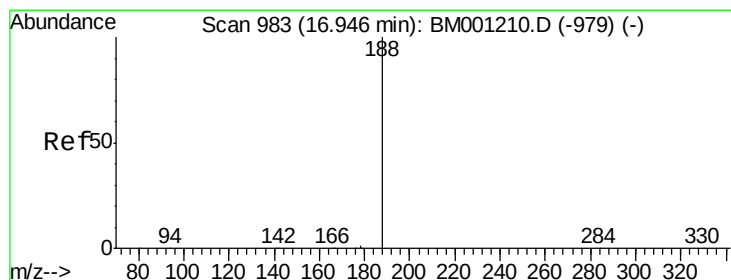
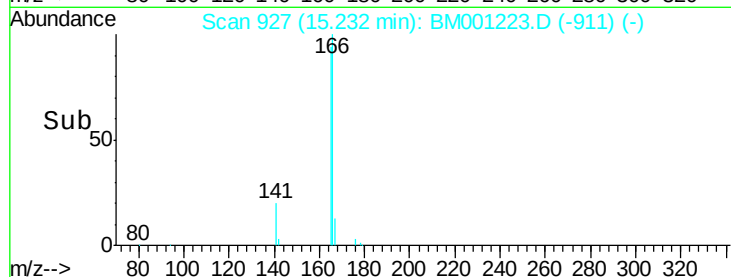
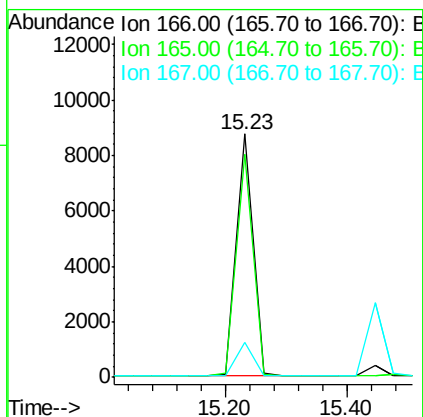
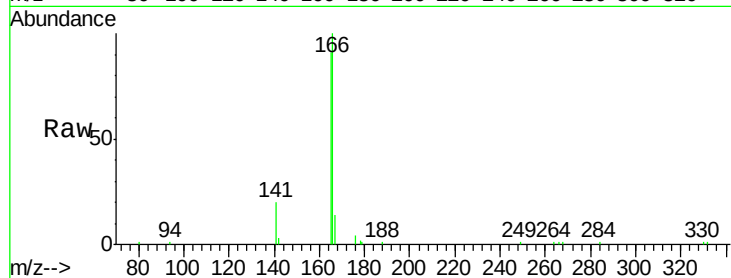




#17
Fluorene
 Concen: 1.01 ng
 RT: 15.23 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM001223.D
 Acq: 06 May 2015 12:39

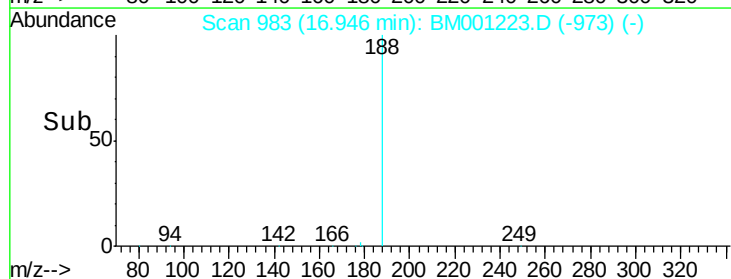
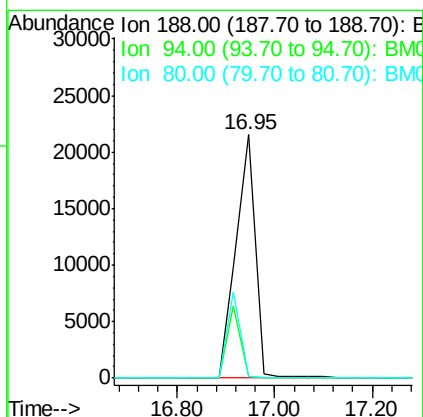
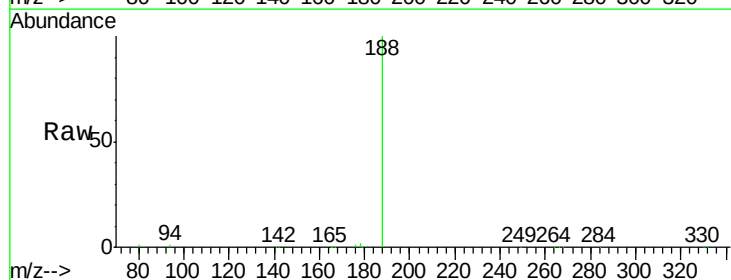
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

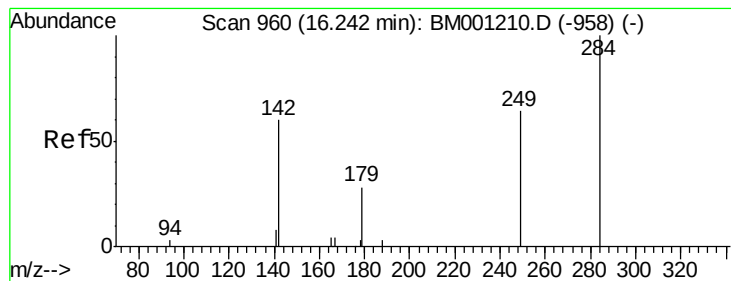
Tgt Ion:166 Resp: 16386
 Ion Ratio Lower Upper
 166 100
 165 92.2 74.2 111.2
 167 13.8 10.8 16.2



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.95 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BM001223.D
 Acq: 06 May 2015 12:39

Tgt Ion:188 Resp: 58701
 Ion Ratio Lower Upper
 188 100
 94 0.7 8.2 12.2#
 80 0.7 8.9 13.3#





#19

Hexachlorobenzene

Concen: 1.01 ng

RT: 16.24 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

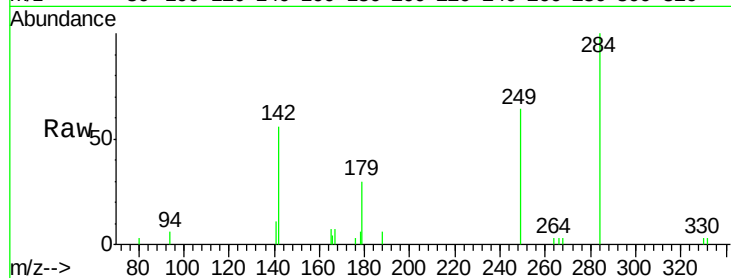
Tgt Ion:284 Resp: 3375

Ion Ratio Lower Upper

284 100

142 47.3 40.2 60.4

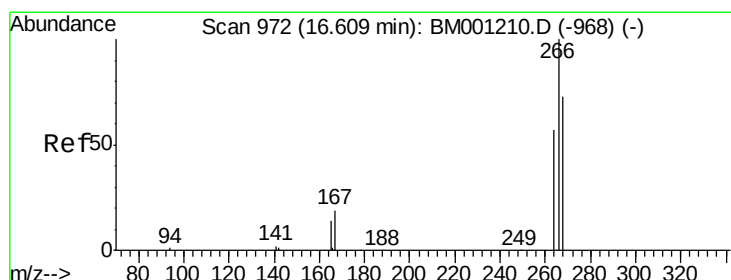
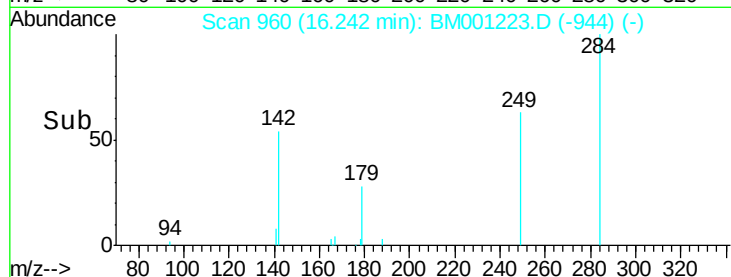
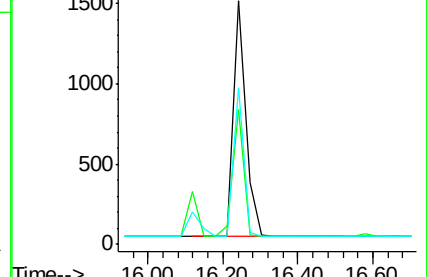
249 51.9 41.4 62.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.99 ng

RT: 16.61 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

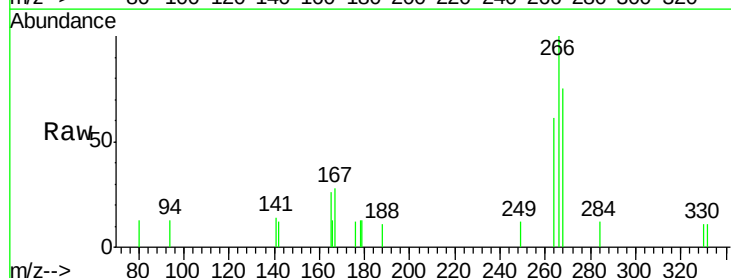
Tgt Ion:266 Resp: 960

Ion Ratio Lower Upper

266 100

268 75.1 60.8 91.2

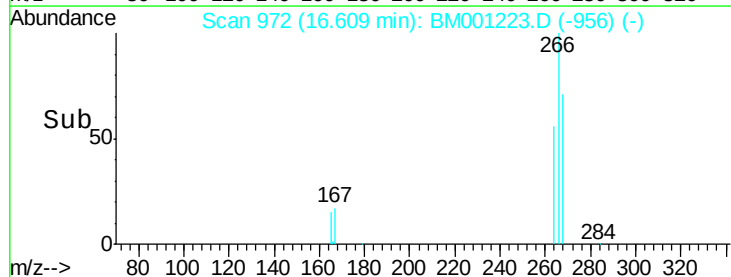
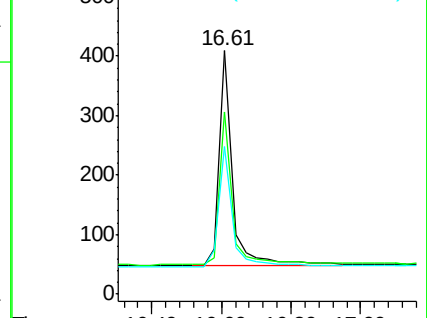
264 60.6 49.0 73.4

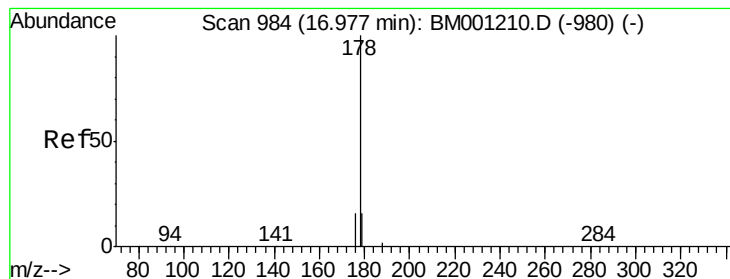


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.96 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

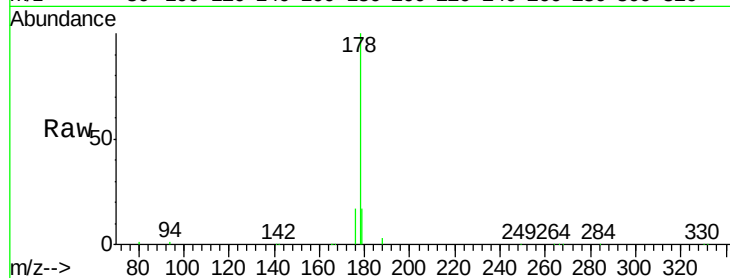
Tgt Ion:178 Resp: 24703

Ion Ratio Lower Upper

178 100

176 17.0 13.8 20.6

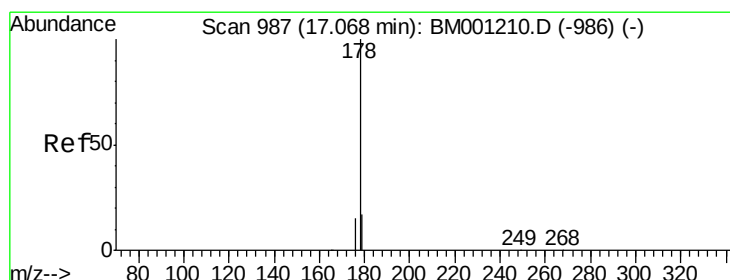
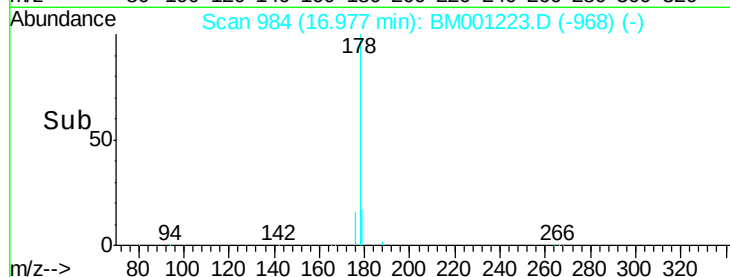
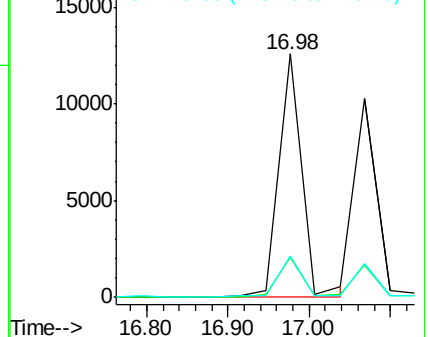
179 16.6 13.1 19.7



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



#22

Anthracene

Concen: 0.96 ng

RT: 17.07 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

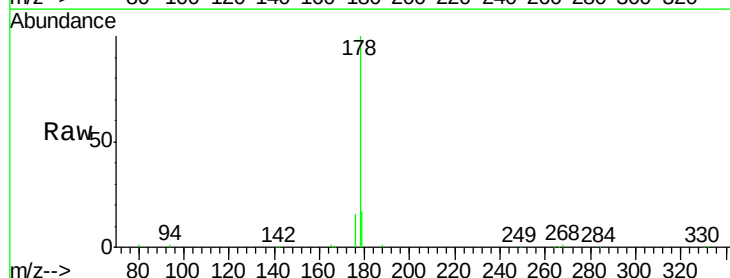
Tgt Ion:178 Resp: 19976

Ion Ratio Lower Upper

178 100

176 15.9 12.6 18.8

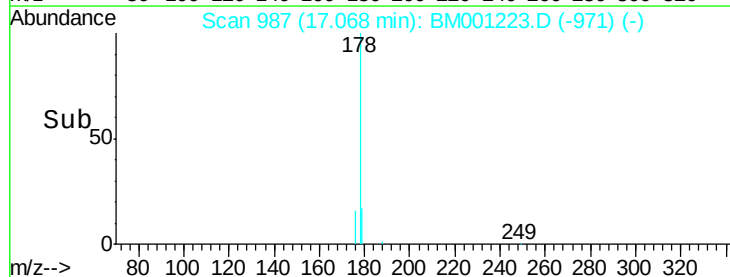
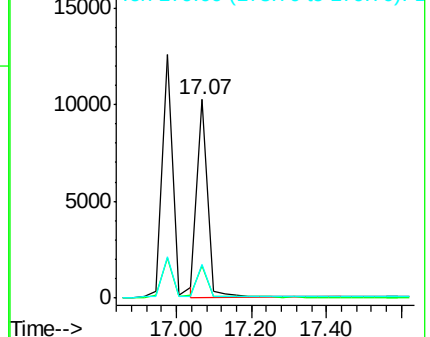
179 16.6 13.4 20.0

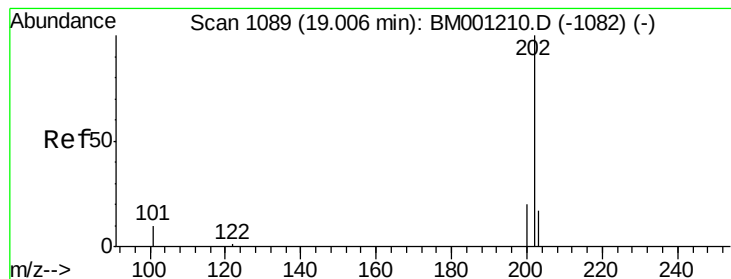


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.03 ng

RT: 19.01 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

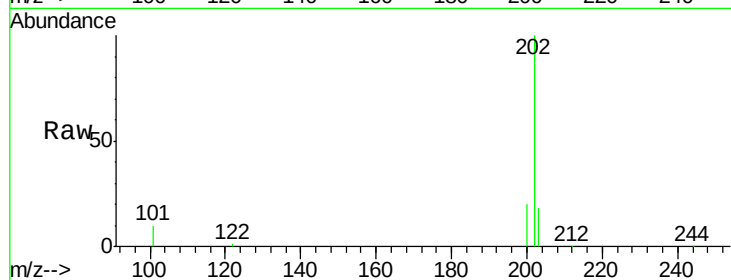
Tgt Ion: 202 Resp: 23889

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.6

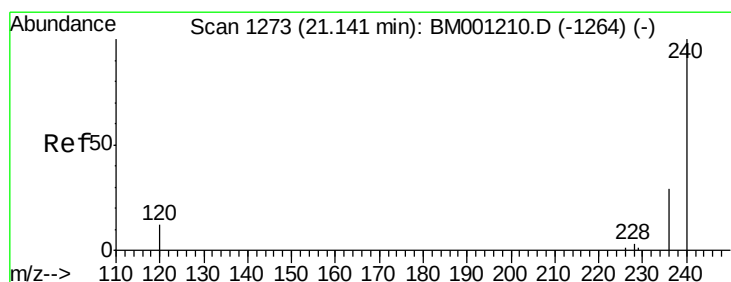
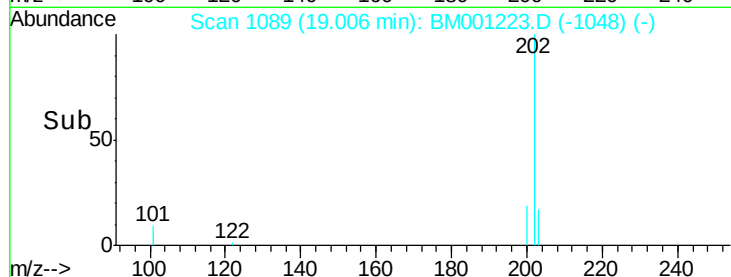
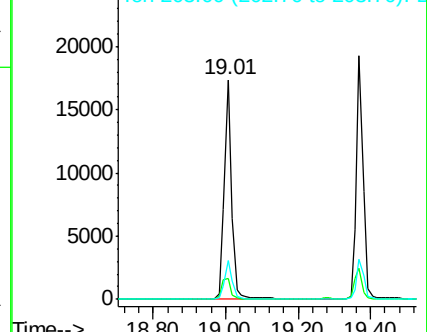
203 17.3 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

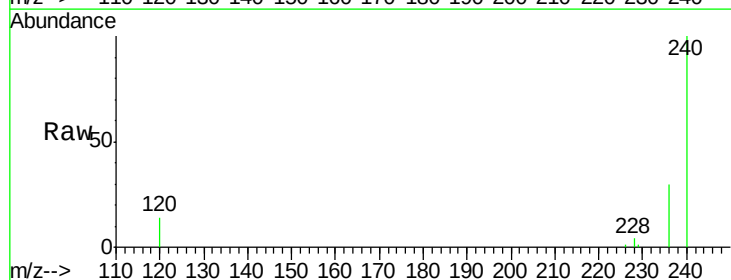
Tgt Ion: 240 Resp: 79490

Ion Ratio Lower Upper

240 100

120 13.6 9.6 14.4

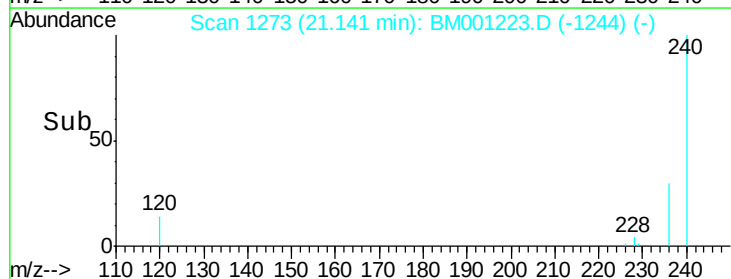
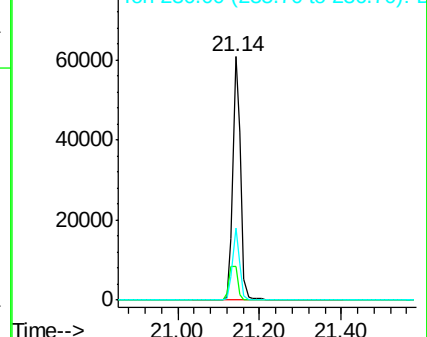
236 29.6 22.9 34.3

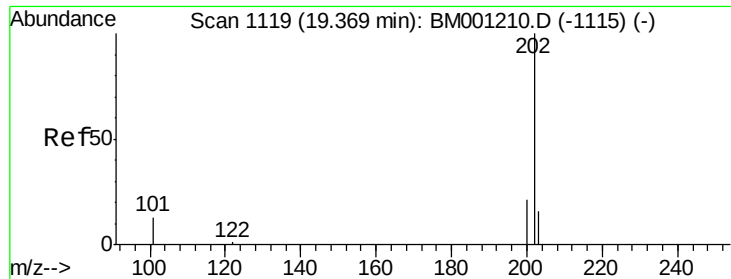


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 1.00 ng

RT: 19.37 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

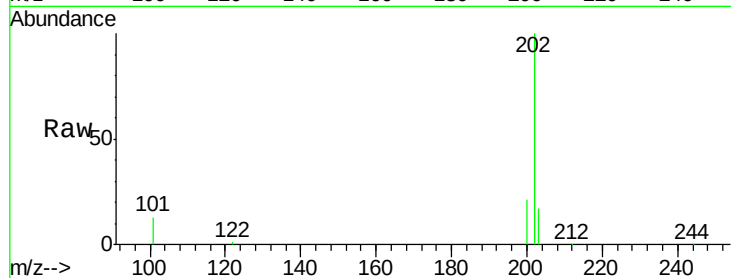
Tgt Ion:202 Resp: 25323

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

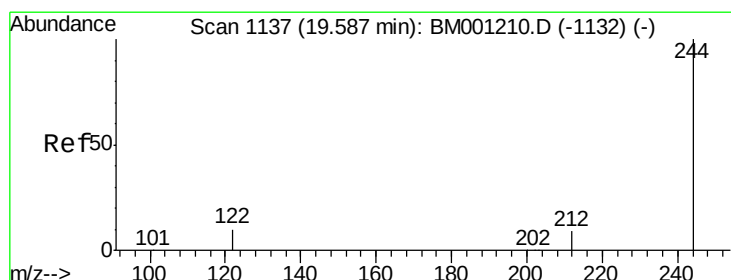
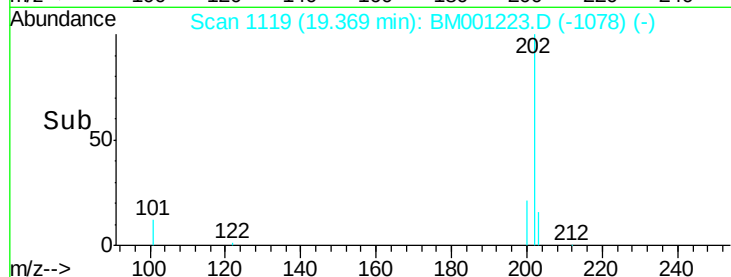
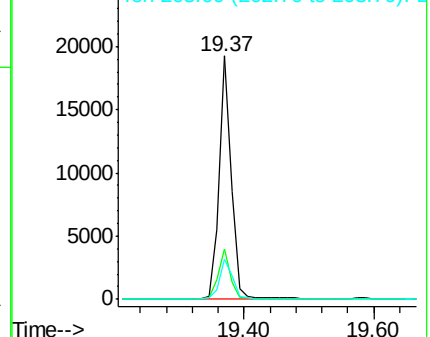
203 17.2 13.8 20.8



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



#26

Terphenyl-d14

Concen: 1.00 ng

RT: 19.59 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

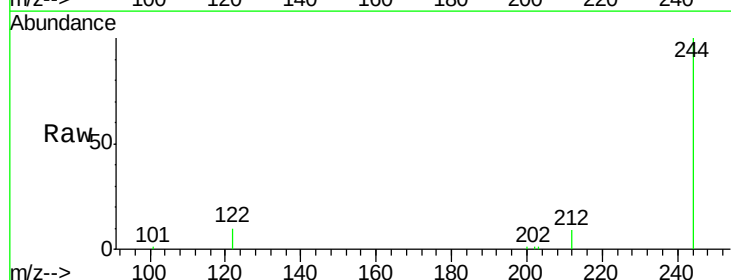
Tgt Ion:244 Resp: 11332

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

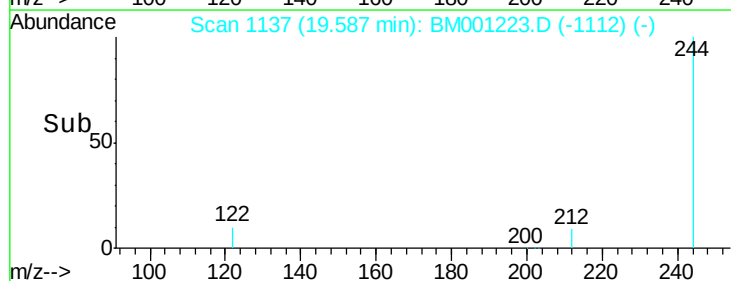
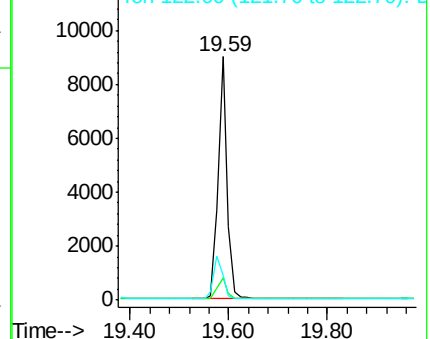
122 10.3 8.2 12.4

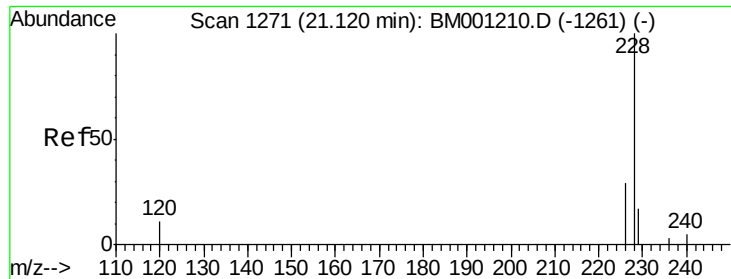


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

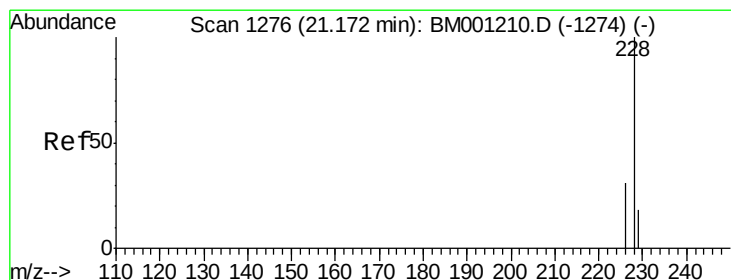
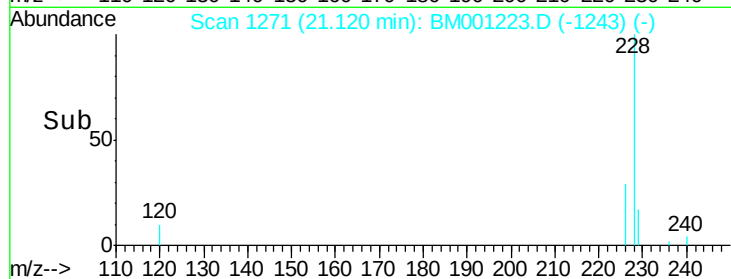
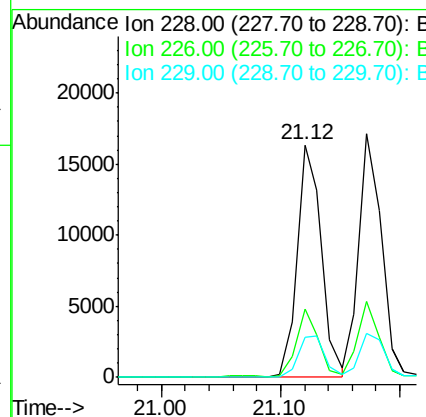
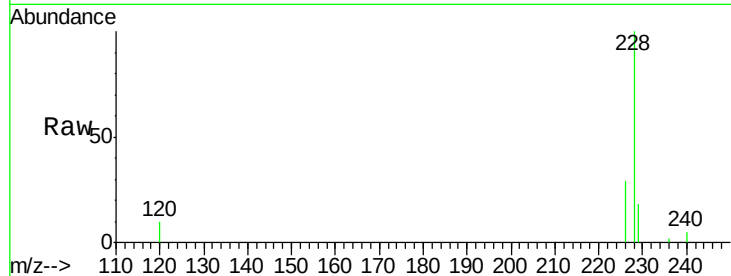




#27
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.12 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM001223.D
Acq: 06 May 2015 12:39

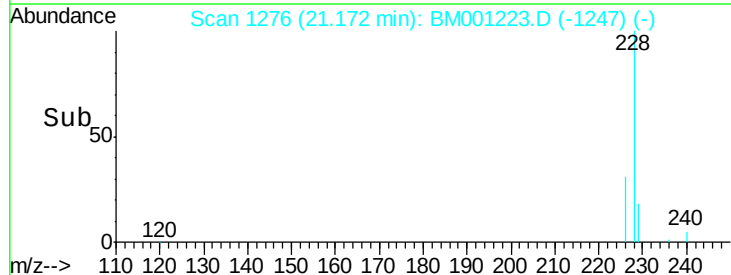
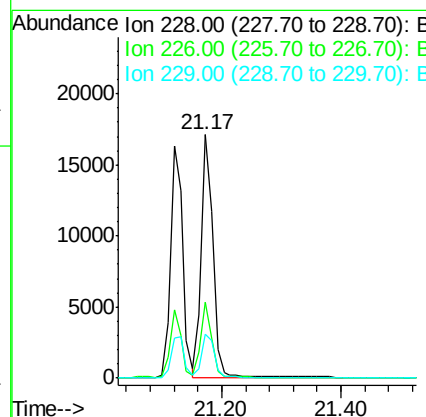
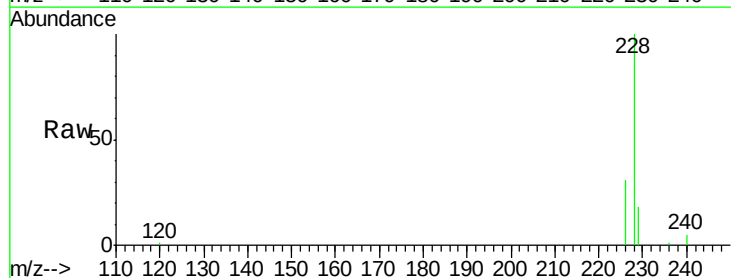
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

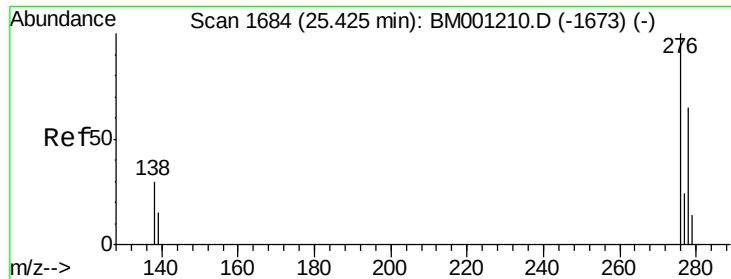
Tgt Ion:228 Resp: 22926
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 17.5 14.1 21.1



#28
Chrysene
Concen: 1.03 ng
RT: 21.17 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM001223.D
Acq: 06 May 2015 12:39

Tgt Ion:228 Resp: 22630
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 17.8 14.4 21.6





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.14 ng

RT: 25.43 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

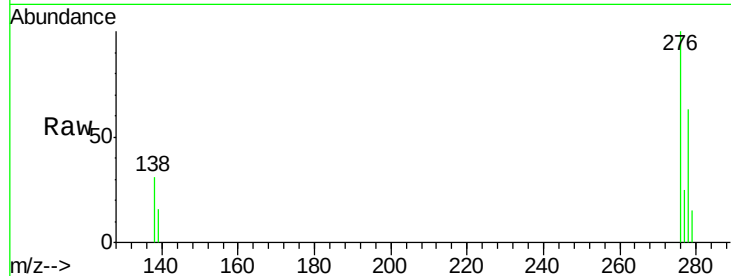
Tgt Ion:276 Resp: 19795

Ion Ratio Lower Upper

276 100

138 30.9 24.3 36.5

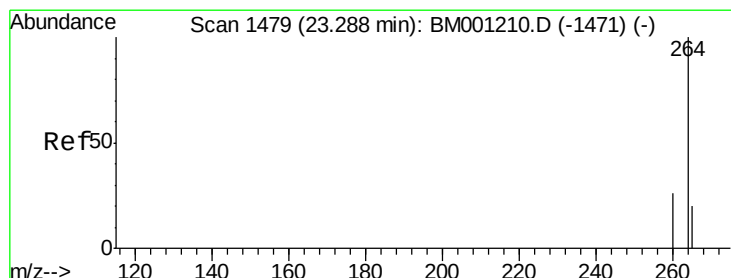
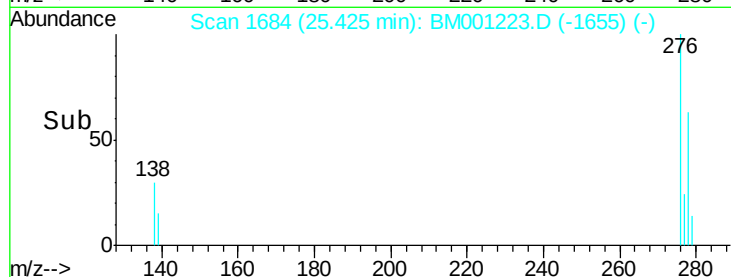
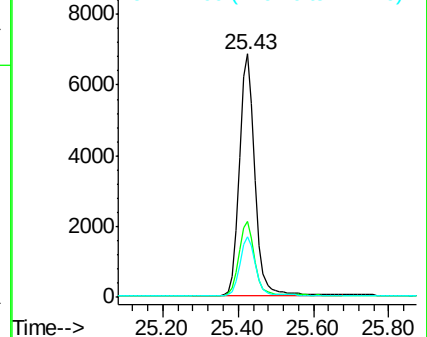
277 24.6 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

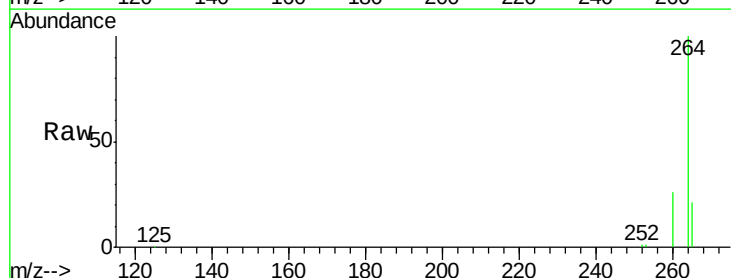
Tgt Ion:264 Resp: 68257

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

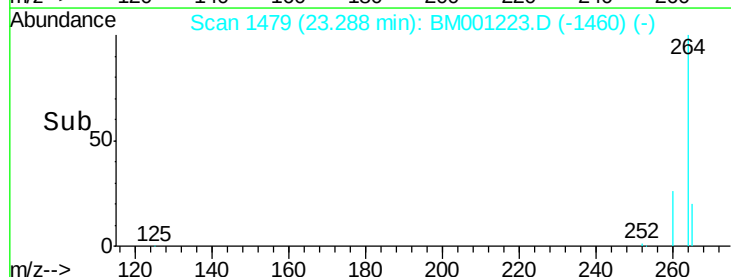
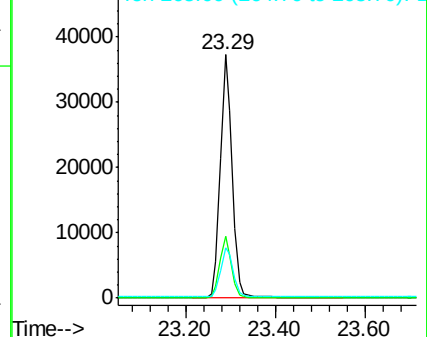
265 20.7 16.8 25.2

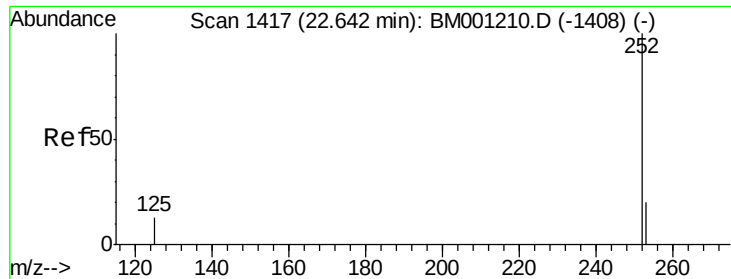


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 22.64 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

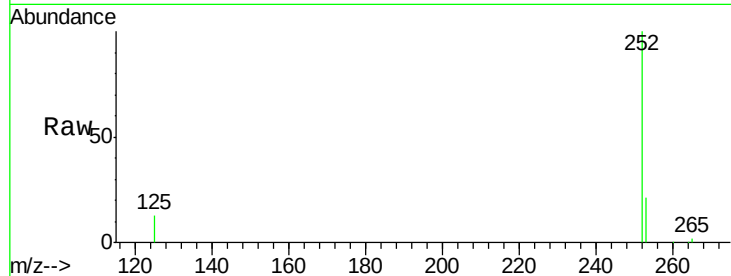
Tgt Ion:252 Resp: 20784

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

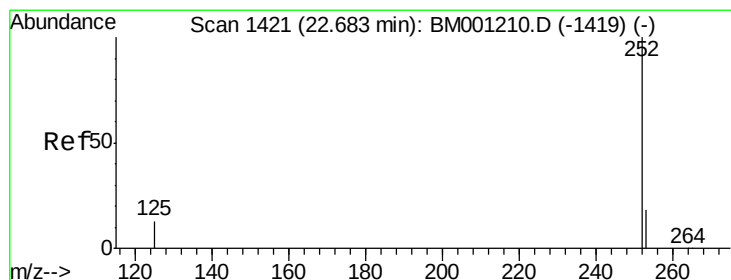
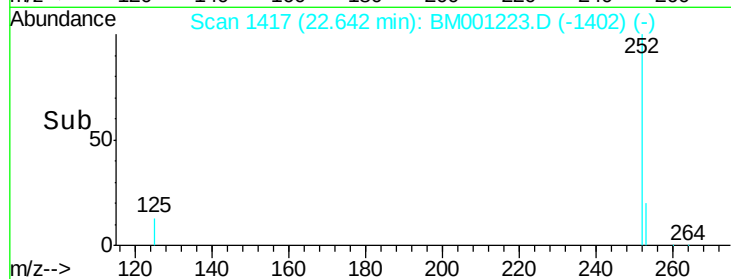
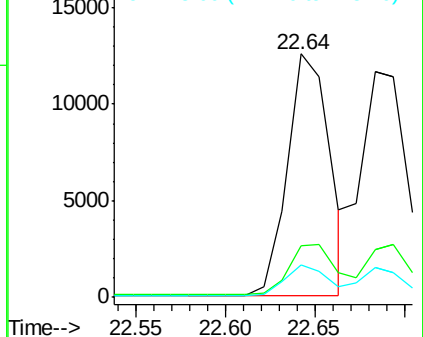
125 13.4 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Benzo(k)fluoranthene

Concen: 1.07 ng

RT: 22.68 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

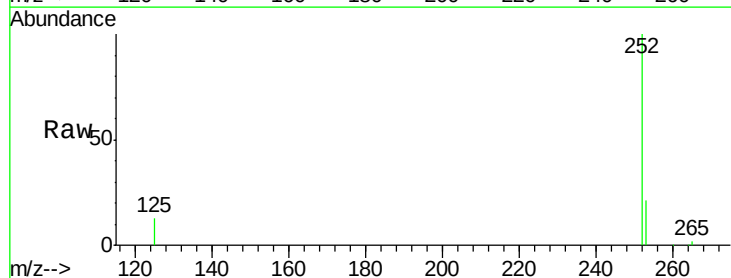
Tgt Ion:252 Resp: 21476

Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

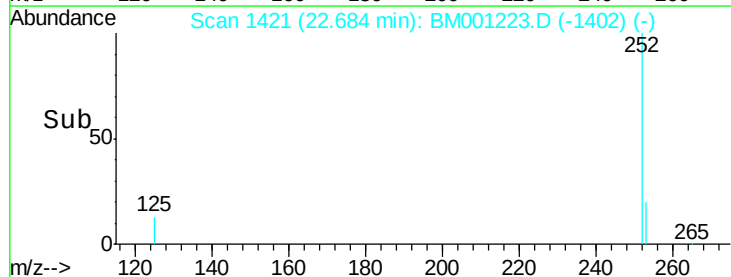
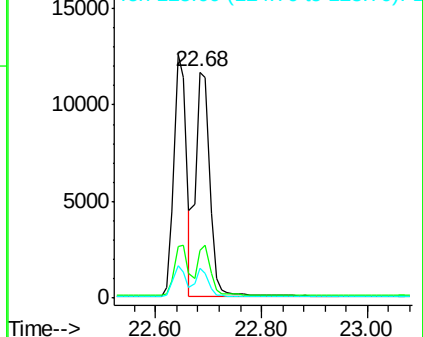
125 13.3 10.2 15.4

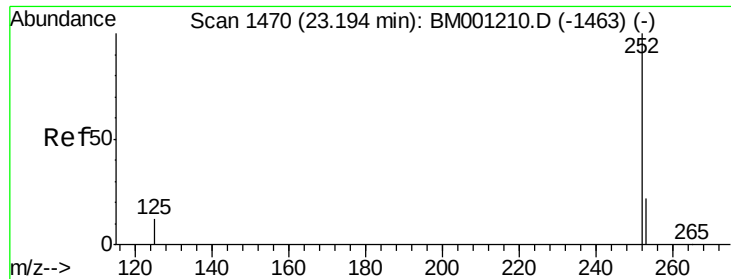


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 1.02 ng

RT: 23.19 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

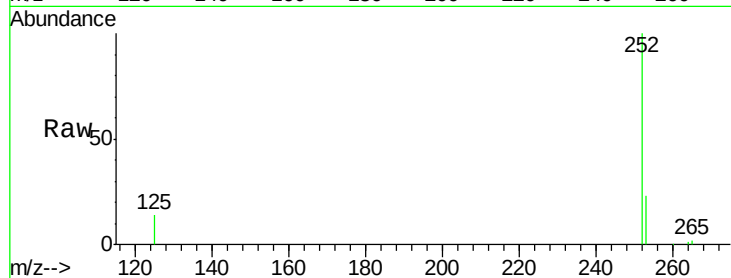
Tgt Ion:252 Resp: 18400

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

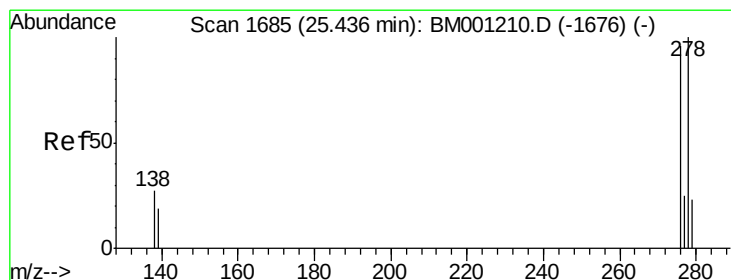
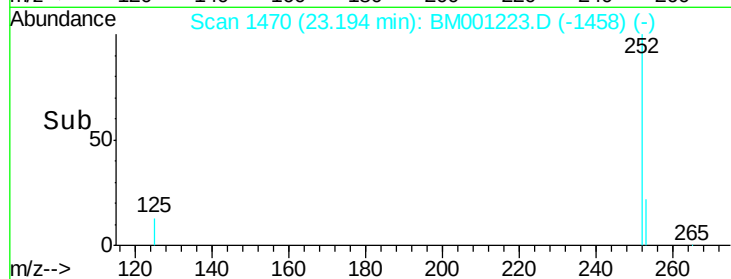
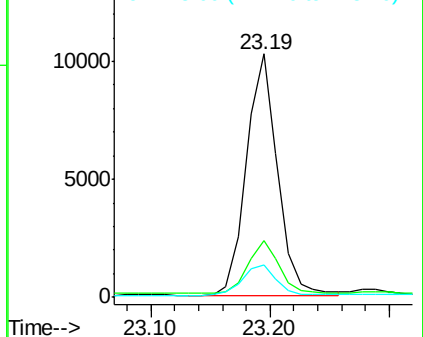
125 13.5 10.6 16.0



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

Dibenzo(a,h)anthracene

Concen: 1.05 ng

RT: 25.44 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BM001223.D

Acq: 06 May 2015 12:39

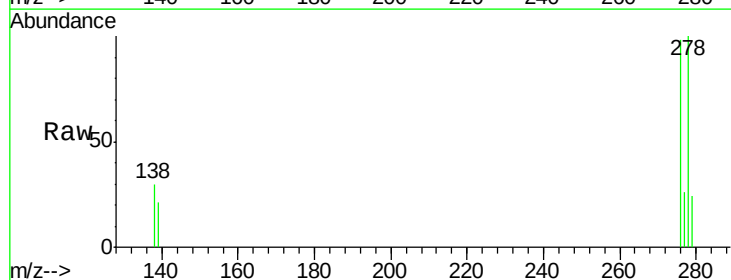
Tgt Ion:278 Resp: 15447

Ion Ratio Lower Upper

278 100

139 21.1 16.2 24.4

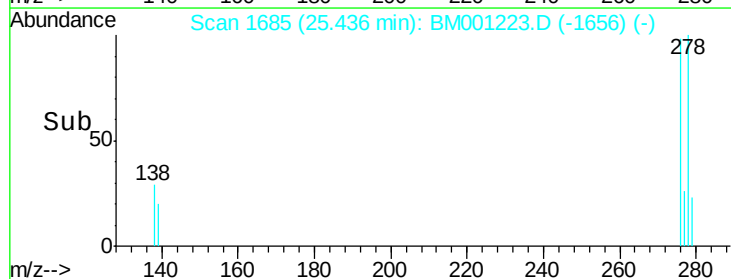
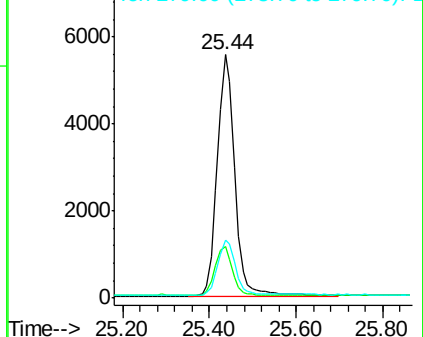
279 24.1 19.5 29.3

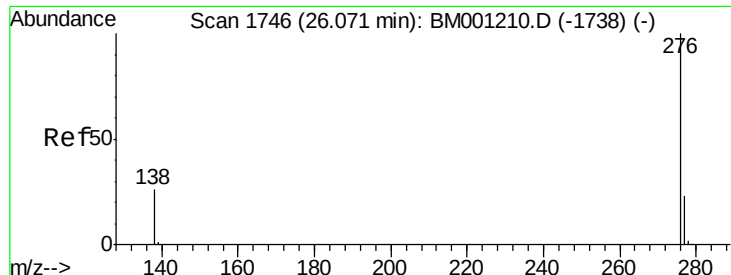


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 1.07 ng

RT: 26.07 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM001223.D

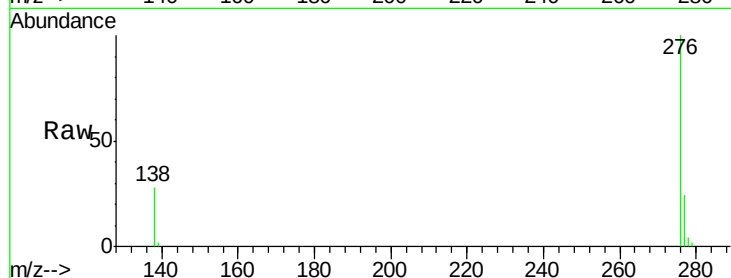
Acq: 06 May 2015 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 16209

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 28.3 21.8 32.8

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

