

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
 Data File : BM003335.D
 Acq On : 01 Dec 2015 00:57
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Dec 01 02:52:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	81495	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	346003	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	194884	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	440670	5.00	ng	0.00
26) Chrysene-d12	21.31	240	256924	5.00	ng	-0.01
35) Perylene-d12	23.57	264	205659	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	16149	1.00	ng	0.00
5) Phenol-d6	6.88	99	20037	1.09	ng	-0.02
8) Nitrobenzene-d5	8.88	82	16503	1.07	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	4337	1.16	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	58474	0.93	ng	0.00
29) Terphenyl-d14	19.76	244	41196	1.15	ng	0.00

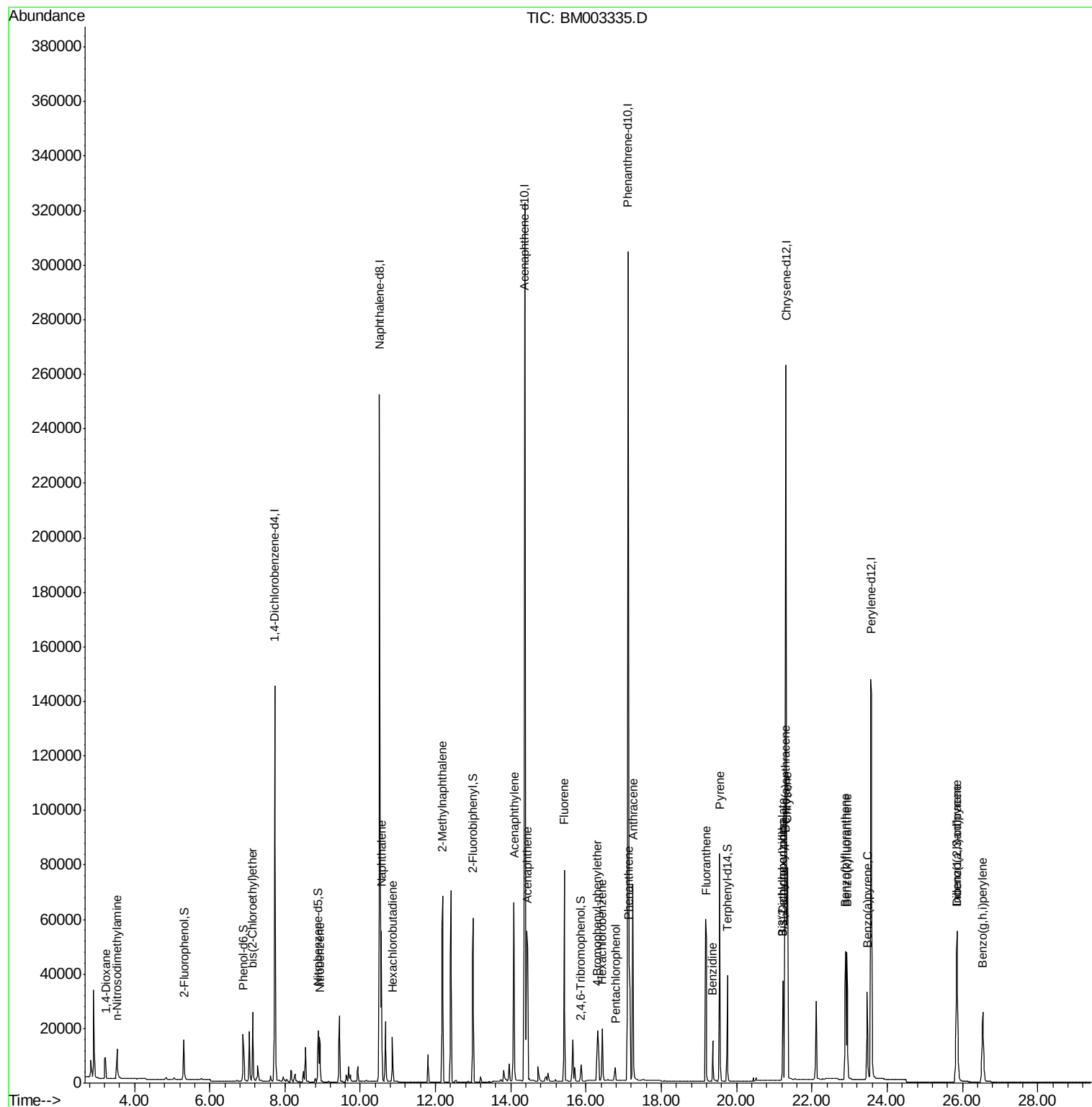
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	7447	1.00	ng	98
3) n-Nitrosodimethylamine	3.52	42	8013	1.06	ng	100
6) bis(2-Chloroethyl)ether	7.14	93	20304	1.08	ng	99
9) Nitrobenzene	8.92	77	17965	1.07	ng	99
10) Naphthalene	10.56	128	75559	1.01	ng	98
11) Hexachlorobutadiene	10.85	225	12021	1.06	ng	100
12) 2-Methylnaphthalene	12.18	142	51481	1.10	ng	92
16) Acenaphthylene	14.08	152	78328	1.10	ng	100
17) Acenaphthene	14.44	154	50375	0.91	ng	# 100
18) Fluorene	15.42	166	56720	1.02	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	12233	0.92	ng	# 36
21) Hexachlorobenzene	16.42	284	15710	1.01	ng	# 65
22) Pentachlorophenol	16.78	266	4648	0.99	ng	# 78
23) Phenanthrene	17.14	178	80075	0.88	ng	# 85
24) Anthracene	17.24	178	91105	1.11	ng	97
25) Fluoranthene	19.19	202	80220	0.83	ng	99
27) Benzidine	19.36	184	20239	1.79	ng	96
28) Pyrene	19.55	202	87665	1.12	ng	99
30) Benzo(a)anthracene	21.29	228	75544	1.16	ng	# 85
31) 3,3'-Dichlorobenzidine	21.23	252	15169	1.20	ng	# 72
32) Chrysene	21.35	228	65815	0.91	ng	92
33) Bis(2-ethylhexyl)phthalate	21.23	149	27326	1.33	ng	# 94
34) Indeno(1,2,3-cd)pyrene	25.84	276	60400	1.01	ng	# 80
36) Benzo(b)fluoranthene	22.89	252	60401	1.02	ng	99
37) Benzo(k)fluoranthene	22.93	252	56304	1.06	ng	99
38) Benzo(a)pyrene	23.46	252	49243	1.04	ng	96
39) Dibenzo(a,h)anthracene	25.86	278	49027	1.20	ng	99
40) Benzo(g,h,i)perylene	26.54	276	51263	1.05	ng	95

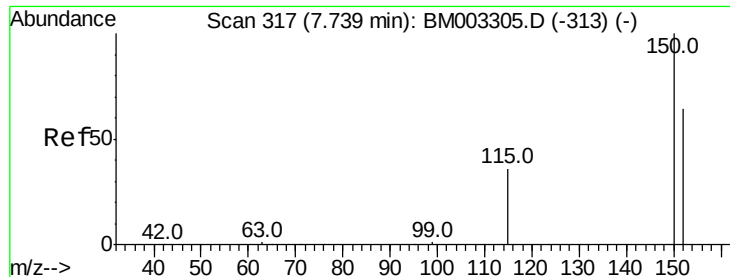
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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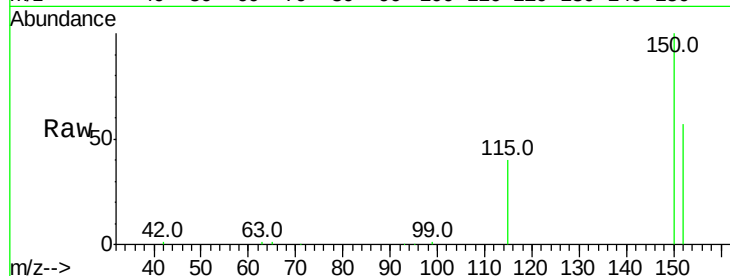


#1

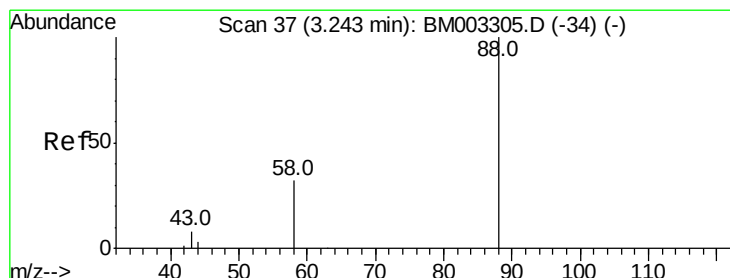
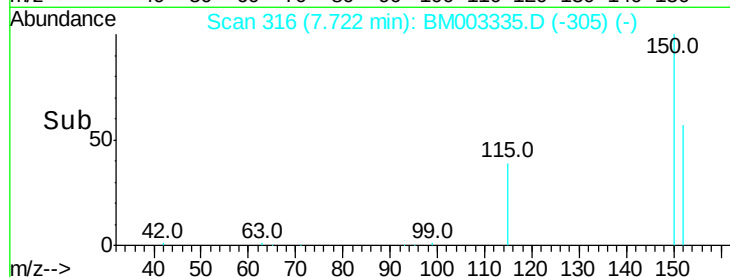
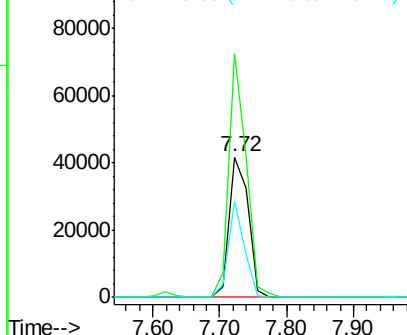
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:152 Resp: 81495
Ion Ratio Lower Upper
152 100
150 174.0 143.6 215.4
115 68.9 58.5 87.7



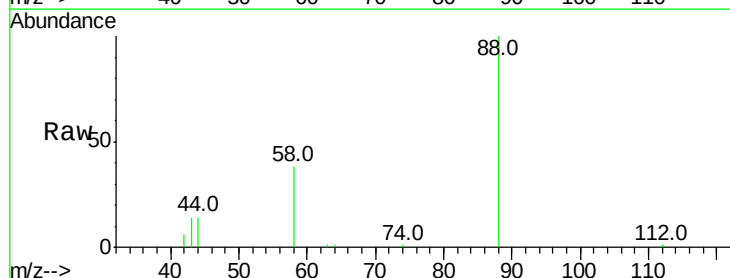
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



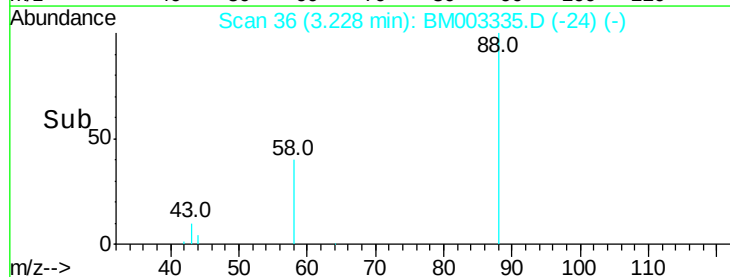
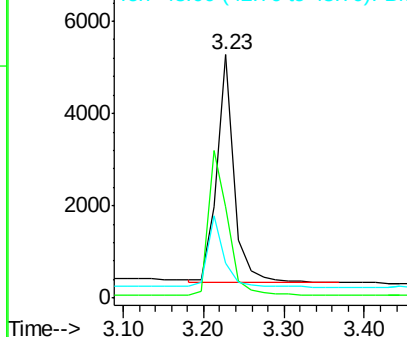
#2

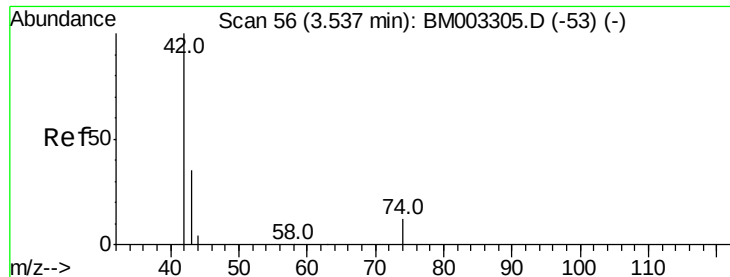
1,4-Dioxane
Concen: 1.00 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion: 88 Resp: 7447
Ion Ratio Lower Upper
88 100
58 70.0 55.2 82.8
43 29.4 21.8 32.6



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: 1.06 ng

RT: 3.52 min Scan# 55

Delta R.T. -0.02 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

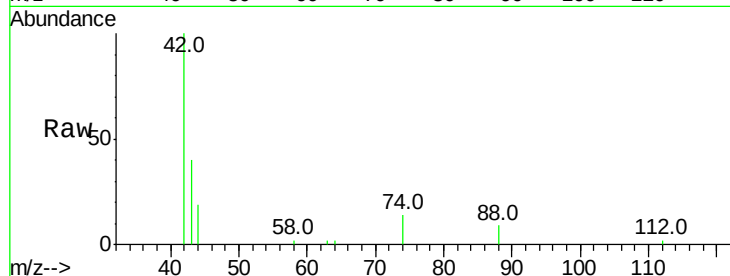
Tot Ion: 42 Resp: 8013

Ion Ratio Lower Upper

42 100

74 126.6 101.0 151.4

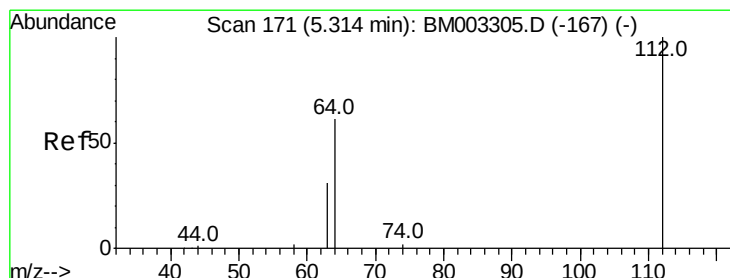
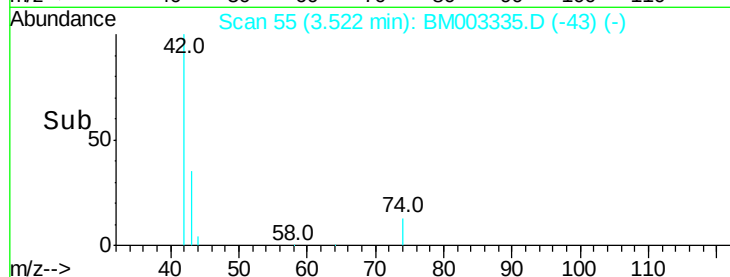
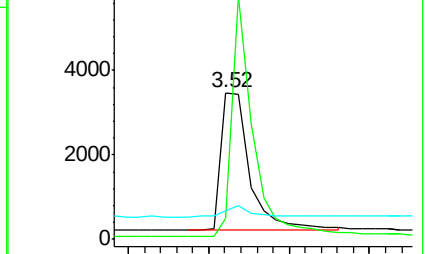
44 7.4 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003335.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003335.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003335.D (-53) (-)



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

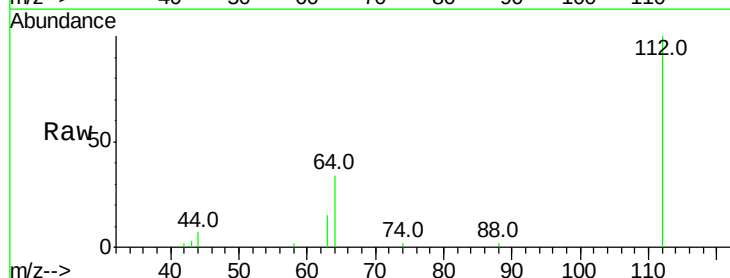
Tgt Ion: 112 Resp: 16149

Ion Ratio Lower Upper

112 100

64 51.2 41.2 61.8

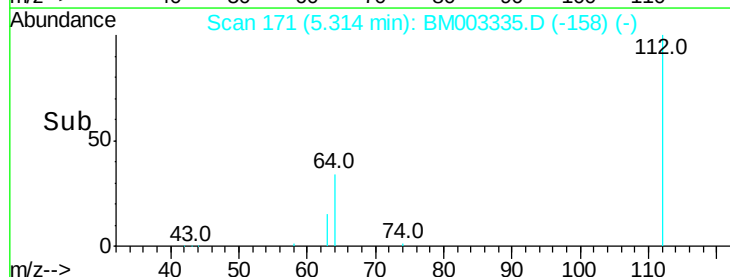
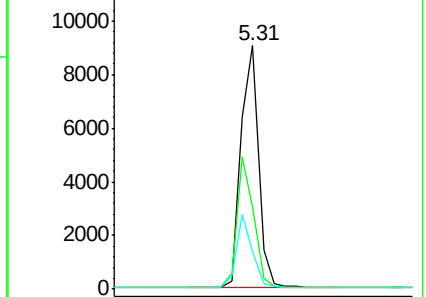
63 27.0 21.2 31.8

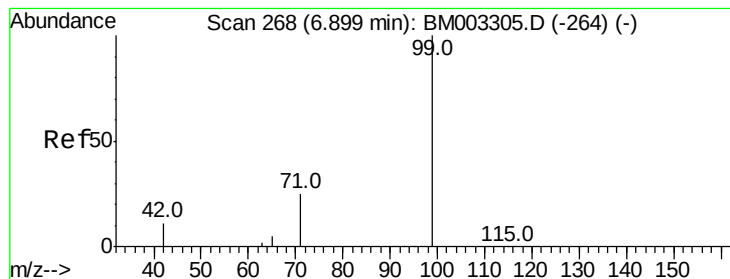


Abundance Ion 112.00 (111.70 to 112.70): BM003335.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003335.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003335.D (-167) (-)





#5

Phenol-d6

Concen: 1.09 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

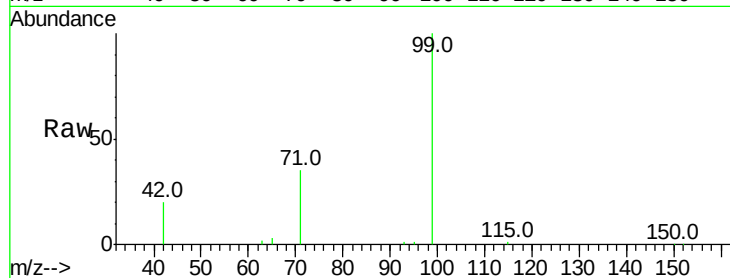
Tot Ion: 99 Resp: 20037

Ion Ratio Lower Upper

99 100

42 18.6 14.6 22.0

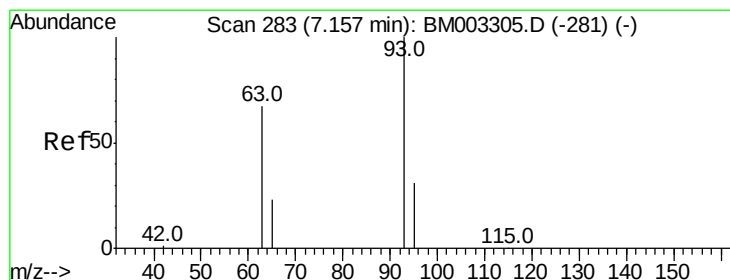
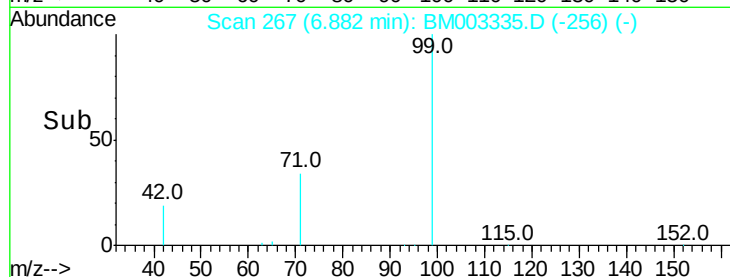
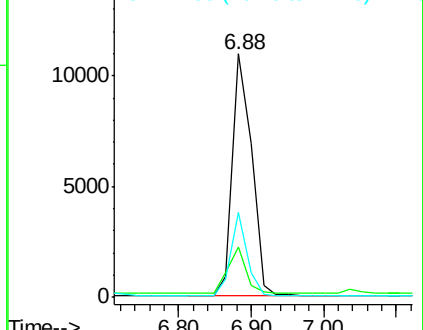
71 29.6 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003335.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM003335.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM003335.D (-264) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.08 ng

RT: 7.14 min Scan# 282

Delta R.T. -0.02 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

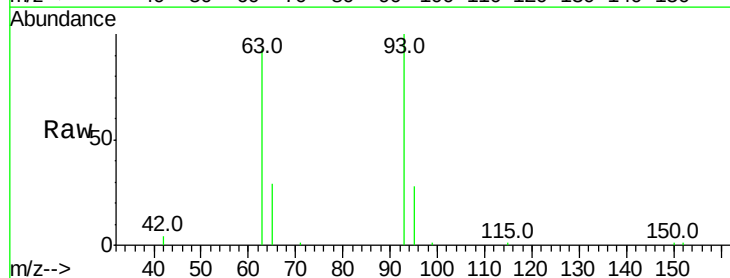
Tgt Ion: 93 Resp: 20304

Ion Ratio Lower Upper

93 100

63 71.9 58.2 87.4

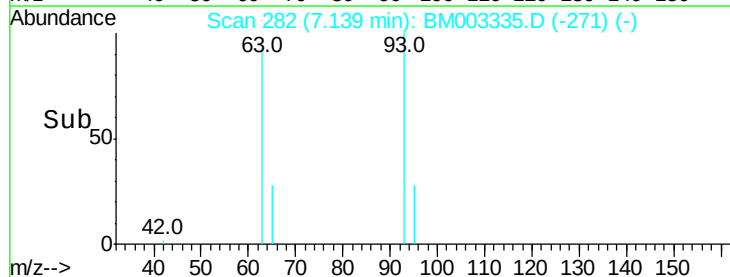
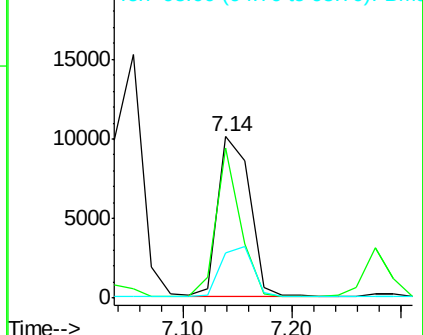
95 32.4 26.2 39.4

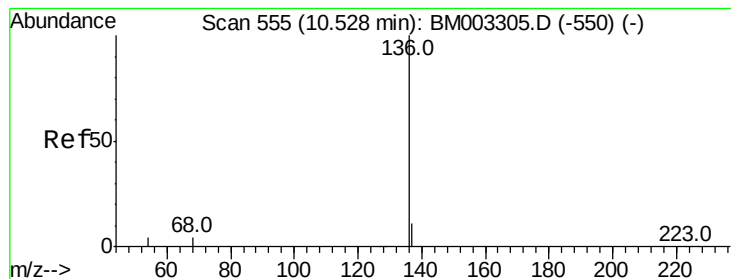


Abundance Ion 93.00 (92.70 to 93.70): BM003335.D (-281) (-)

Ion 63.00 (62.70 to 63.70): BM003335.D (-281) (-)

Ion 95.00 (94.70 to 95.70): BM003335.D (-281) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:136 Resp: 346003

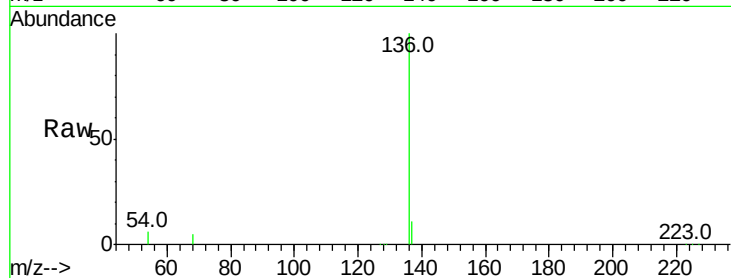
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.4 7.4 11.0#

68 5.3 5.8 8.6#

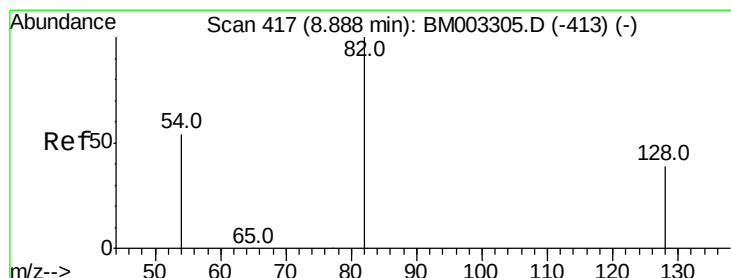
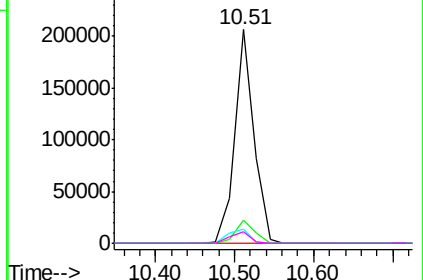
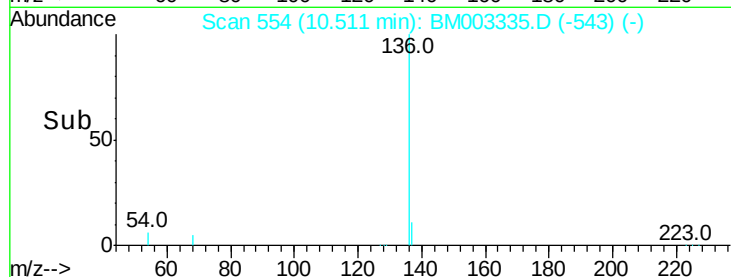


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 1.07 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

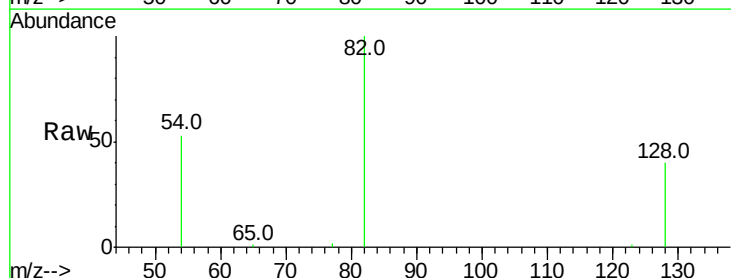
Tgt Ion: 82 Resp: 16503

Ion Ratio Lower Upper

82 100

128 40.3 35.2 52.8

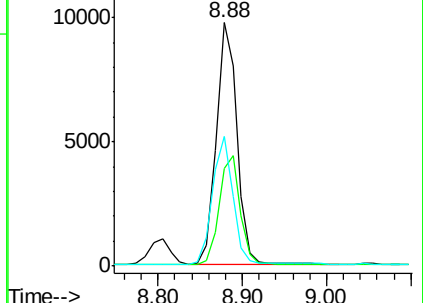
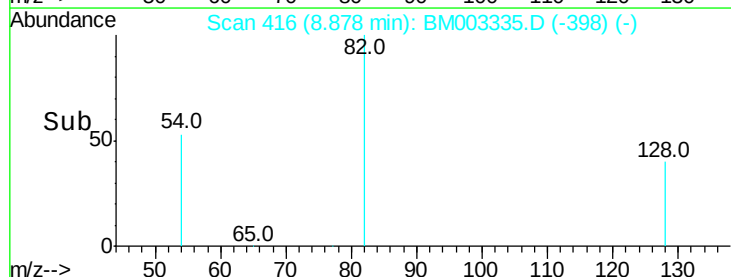
54 53.1 36.4 54.6

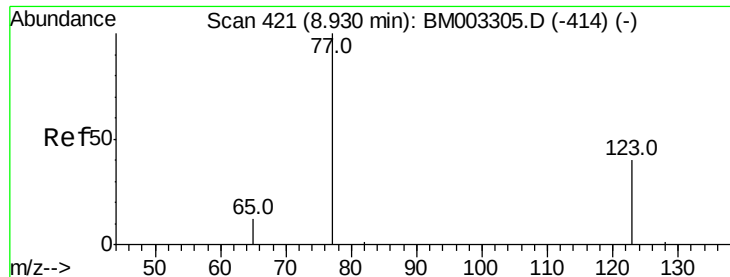


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.07 ng

RT: 8.92 min Scan# 420

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

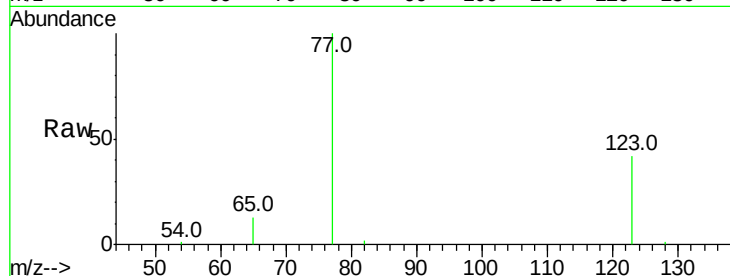
Tot Ion: 77 Resp: 17965

Ion Ratio Lower Upper

77 100

123 47.9 37.7 56.5

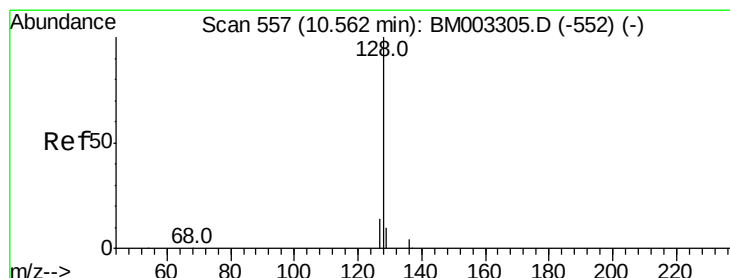
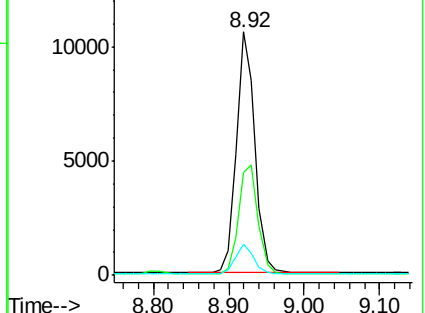
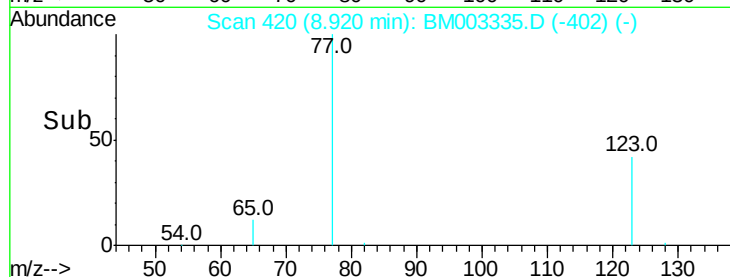
65 12.3 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003335.D (-402) (-)

Ion 123.00 (122.70 to 123.70): BM003335.D (-402) (-)

Ion 65.00 (64.70 to 65.70): BM003335.D (-402) (-)



#10

Naphthalene

Concen: 1.01 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

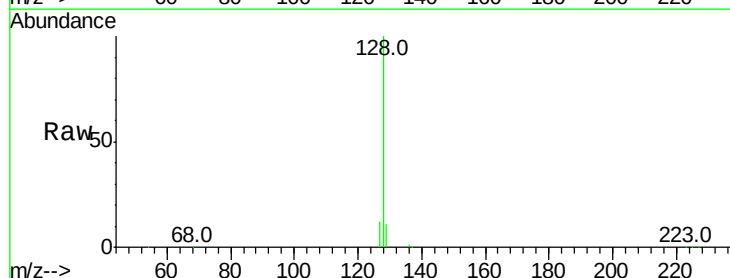
Tgt Ion: 128 Resp: 75559

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

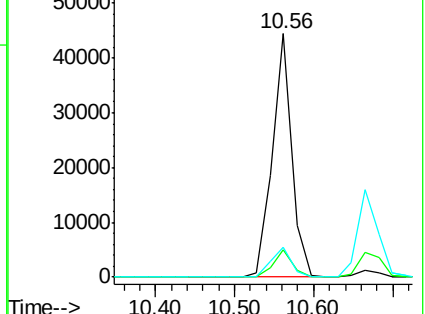
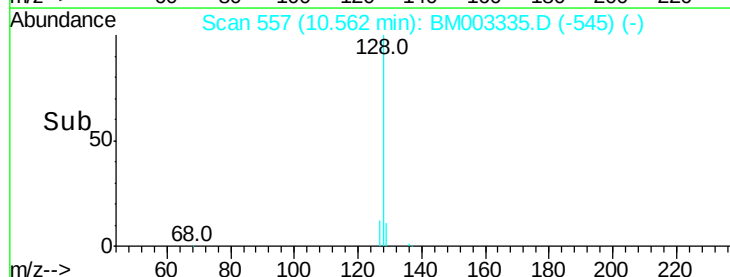
127 12.2 10.6 16.0

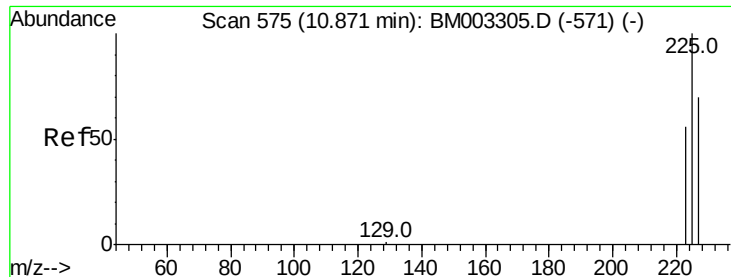


Abundance Ion 128.00 (127.70 to 128.70): BM003335.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003335.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003335.D (-545) (-)

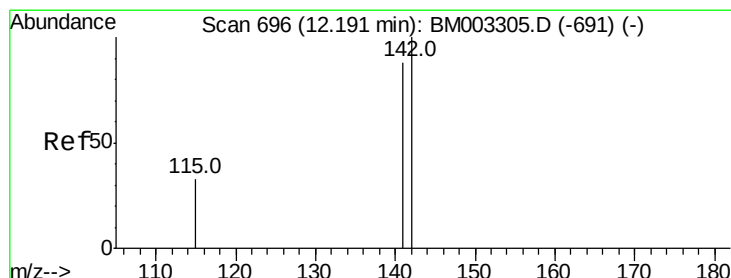
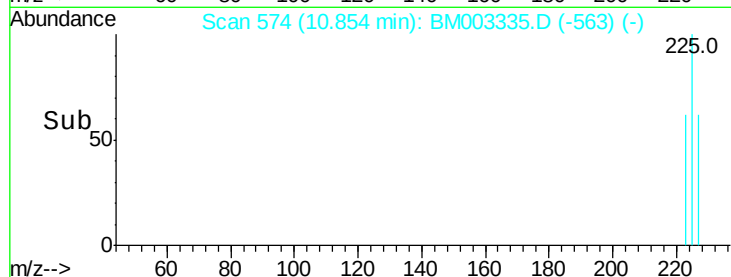
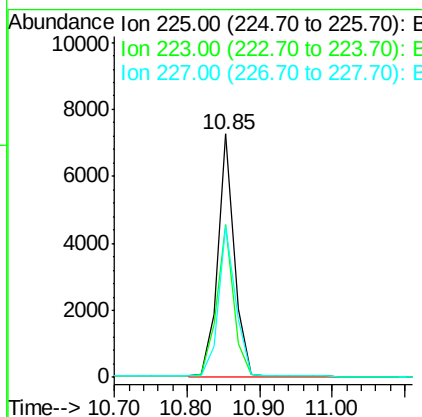
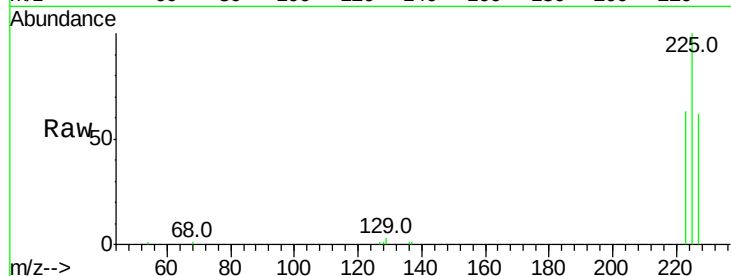




#11
Hexachlorobutadiene
Concen: 1.06 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

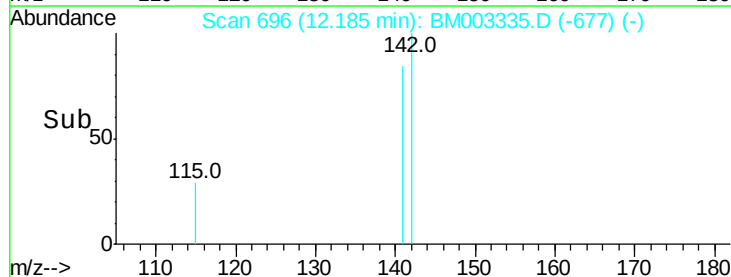
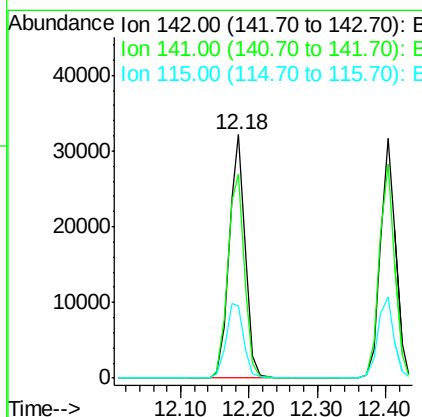
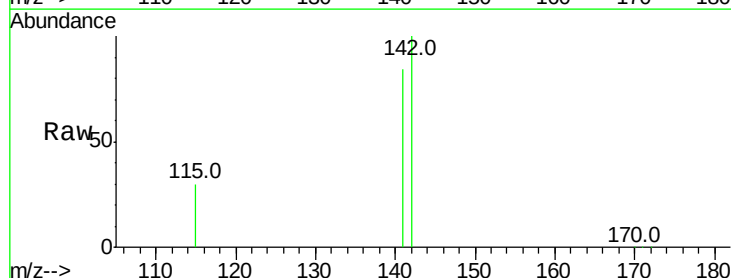
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

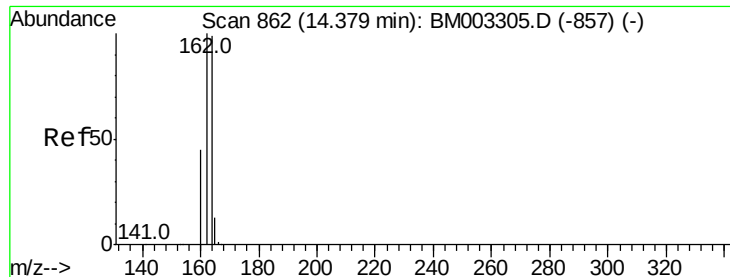
Tot Ion:225 Resp: 12021
Ion Ratio Lower Upper
225 100
223 65.9 53.0 79.4
227 65.0 52.2 78.4



#12
2-Methylnaphthalene
Concen: 1.10 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion:142 Resp: 51481
Ion Ratio Lower Upper
142 100
141 83.7 72.2 108.2
115 29.5 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

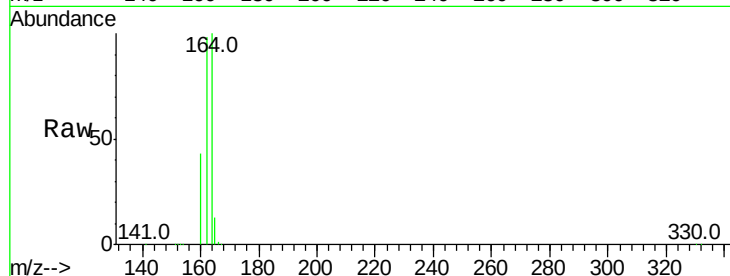
Tot Ion:164 Resp: 194884

Ion Ratio Lower Upper

164 100

162 97.5 78.3 117.5

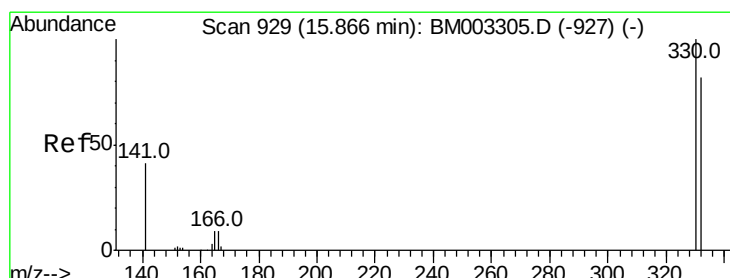
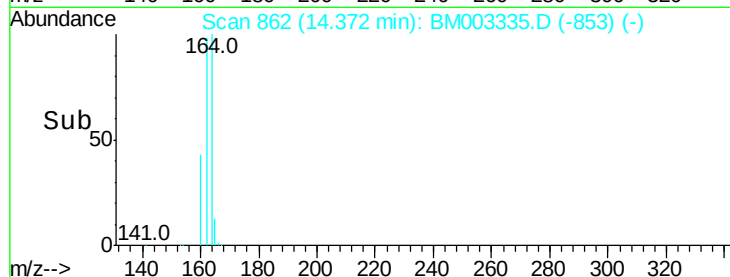
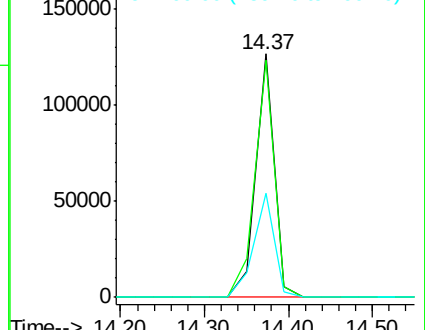
160 42.6 33.8 50.6



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

2,4,6-Tribromophenol

Concen: 1.16 ng

RT: 15.86 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

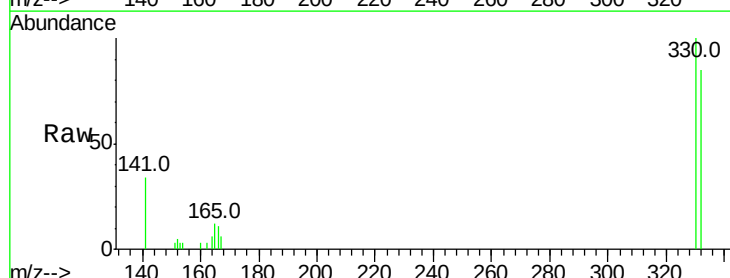
Tgt Ion:330 Resp: 4337

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

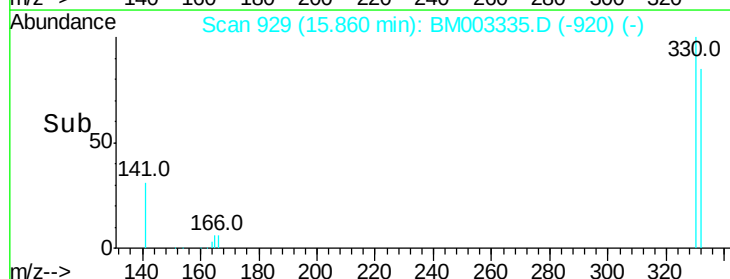
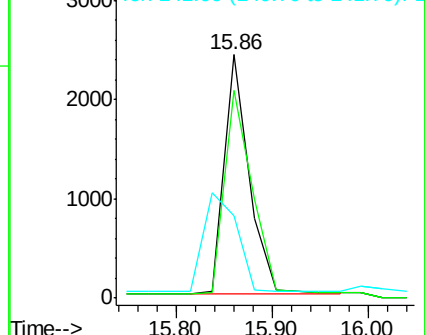
141 0.0 0.0 0.0

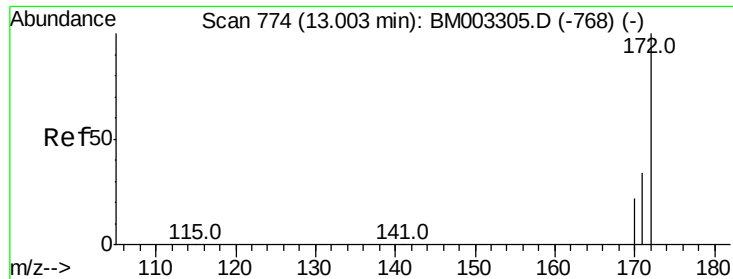


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.93 ng

RT: 13.00 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

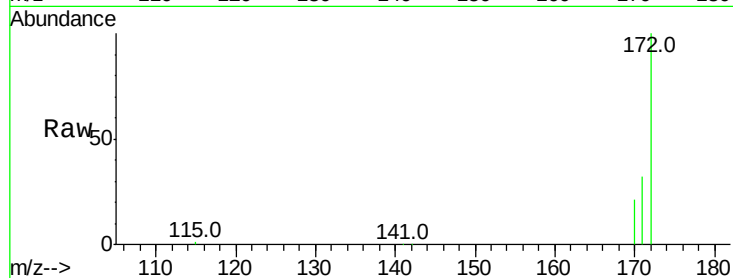
Tot Ion:172 Resp: 58474

Ion Ratio Lower Upper

172 100

171 32.4 28.0 42.0

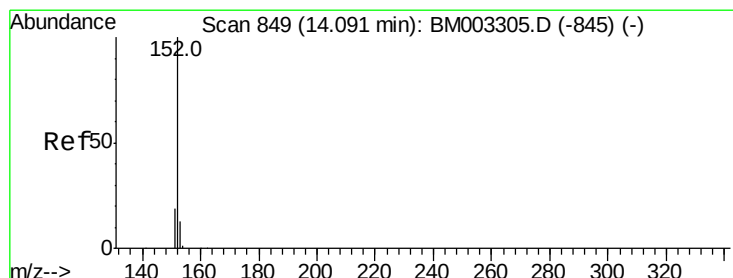
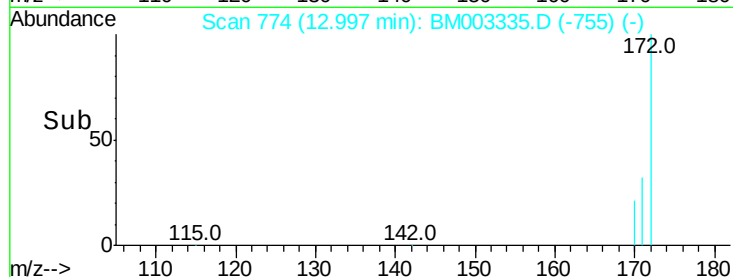
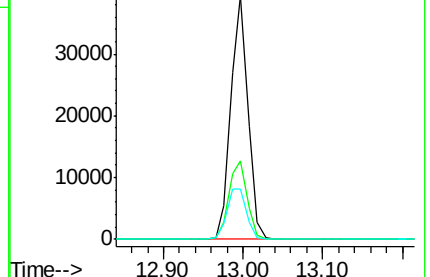
170 20.7 18.9 28.3



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



#16

Acenaphthylene

Concen: 1.10 ng

RT: 14.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

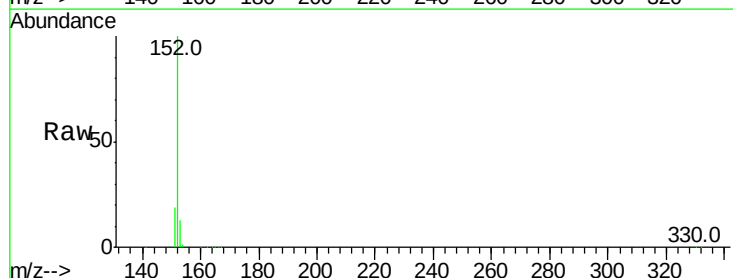
Tgt Ion:152 Resp: 78328

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8

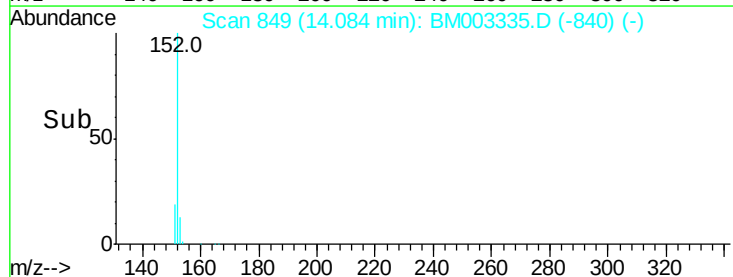
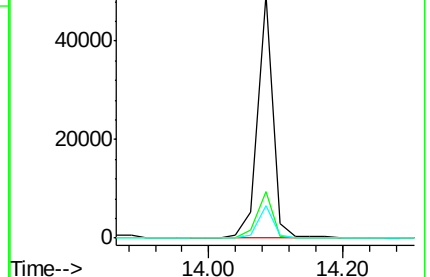
153 12.9 10.4 15.6

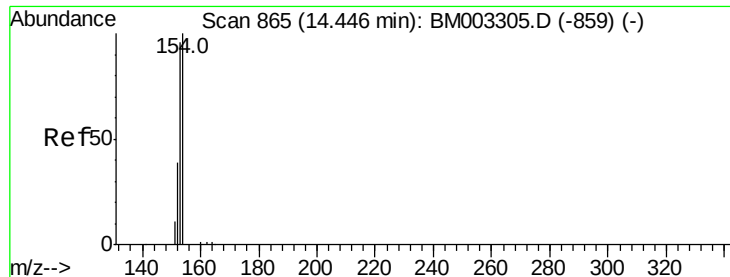


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

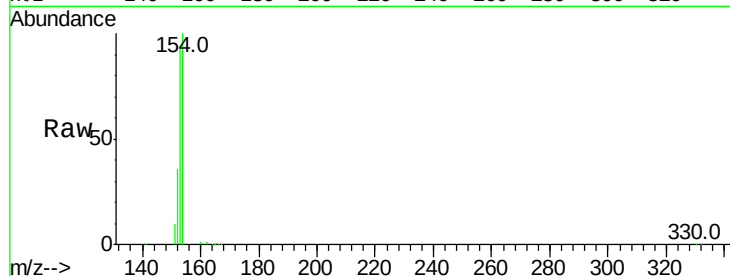




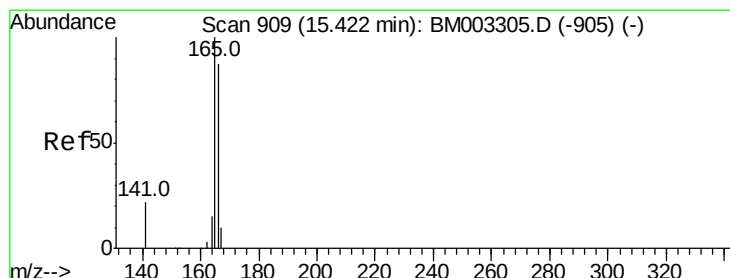
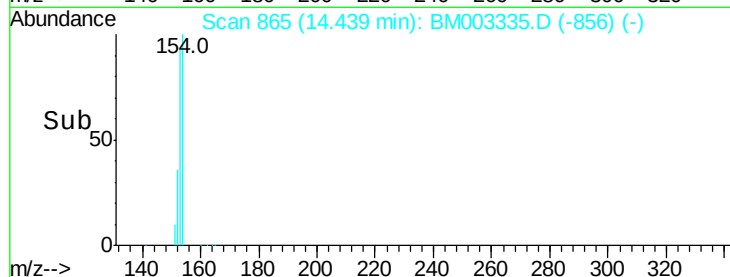
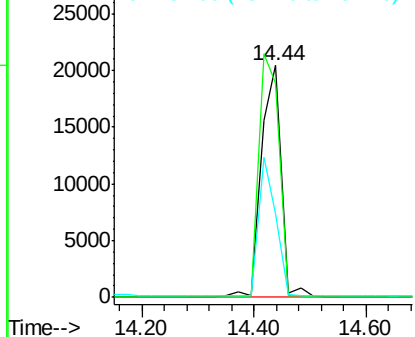
#17
Acenaphthene
Concen: 0.91 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:154 Resp: 50375
Ion Ratio Lower Upper
154 100
153 0.0 0.0 0.0
152 0.0 0.0 0.0

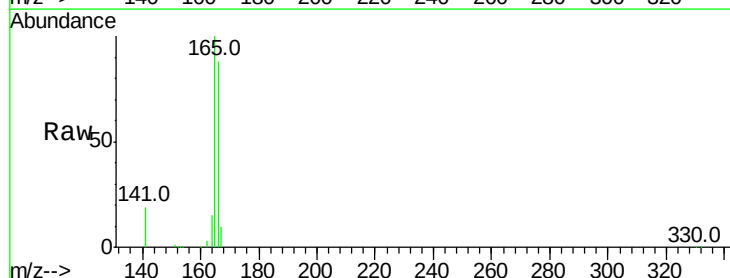


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

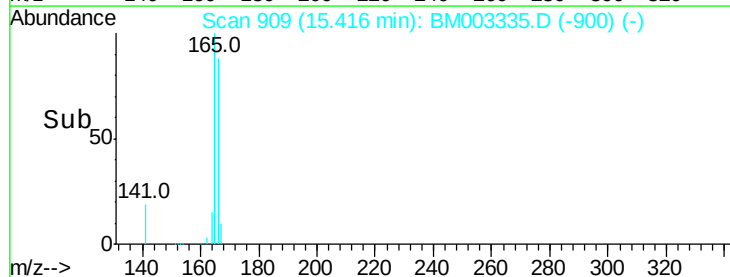
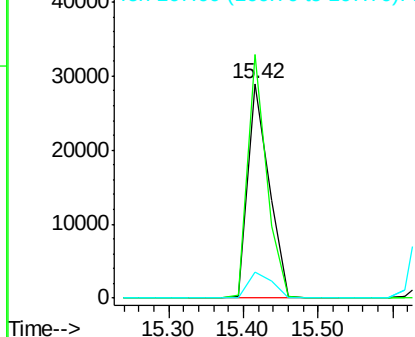


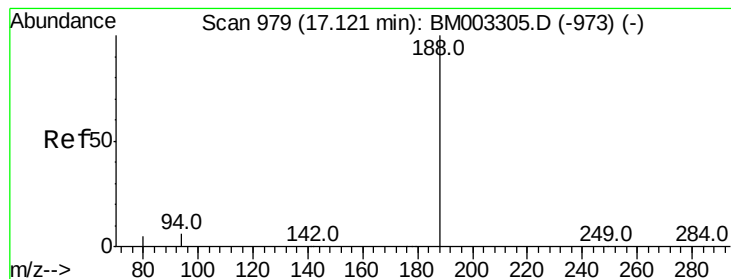
#18
Fluorene
Concen: 1.02 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion:166 Resp: 56720
Ion Ratio Lower Upper
166 100
165 101.2 80.8 121.2
167 13.2 10.5 15.7



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

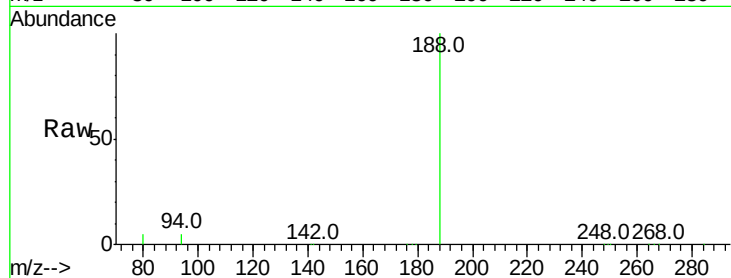
Tot Ion:188 Resp: 440670

Ion Ratio Lower Upper

188 100

94 5.4 1.8 2.6#

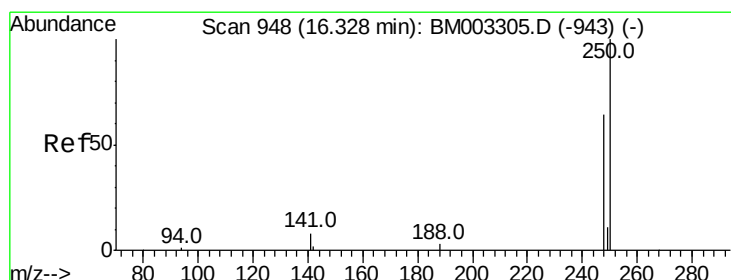
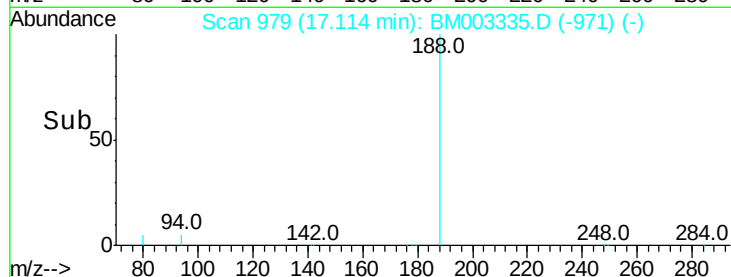
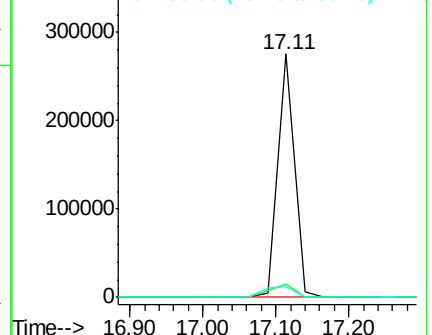
80 4.5 1.4 2.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.92 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

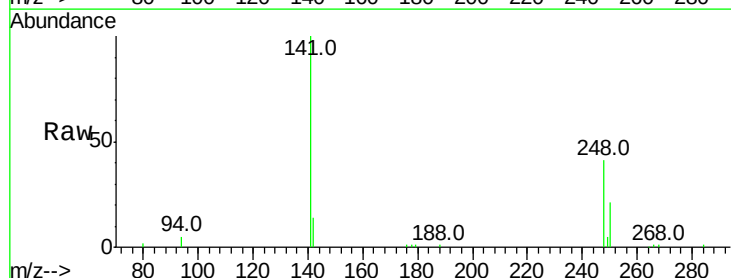
Tgt Ion:248 Resp: 12233

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

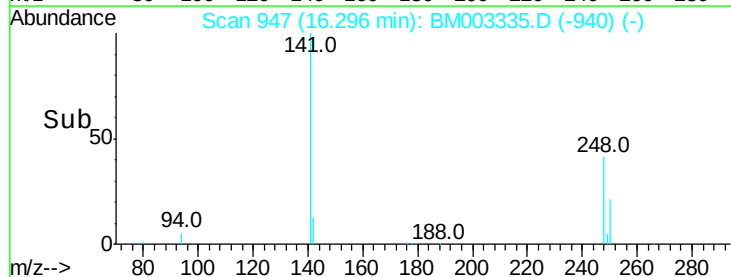
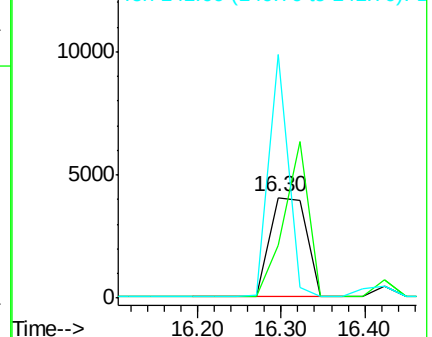
141 128.9 72.8 109.2#

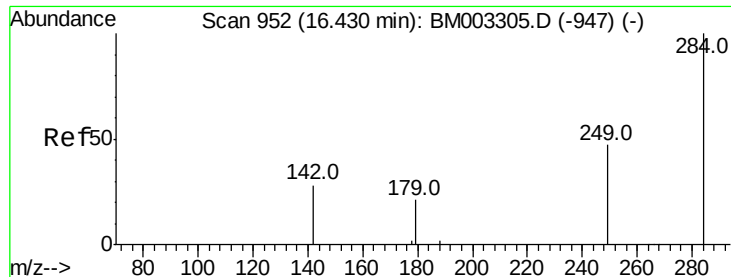


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

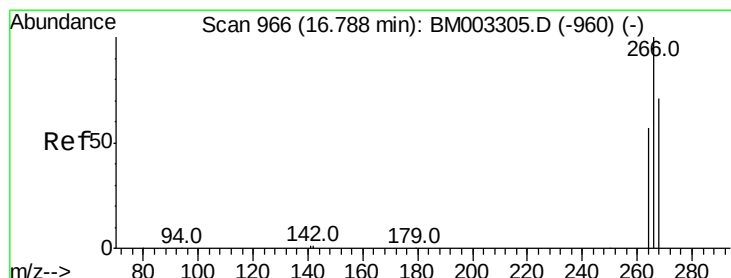
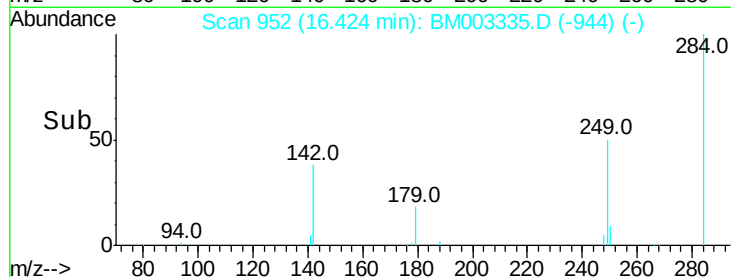
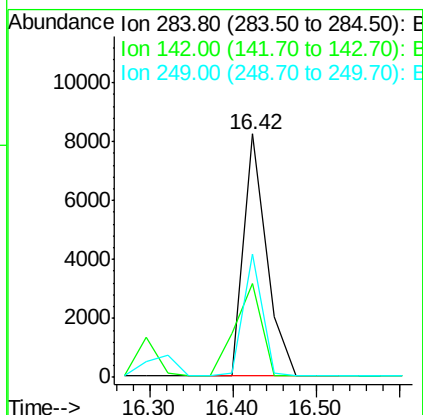
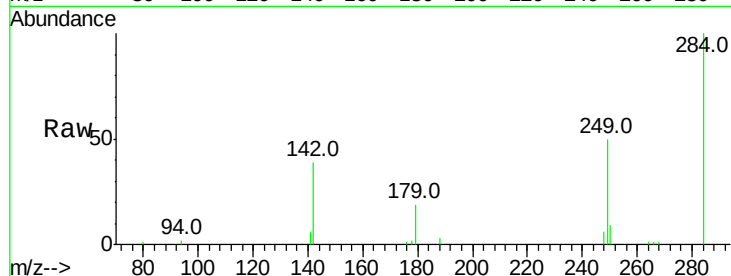




#21
Hexachlorobenzene
Concen: 1.01 ng
RT: 16.42 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

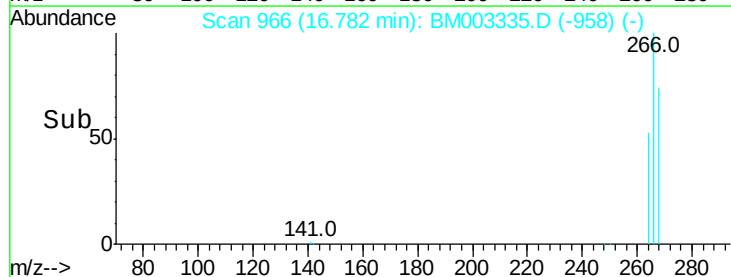
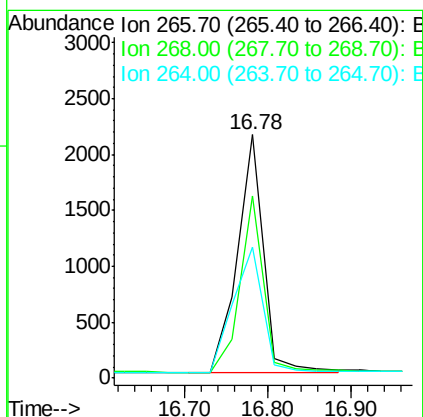
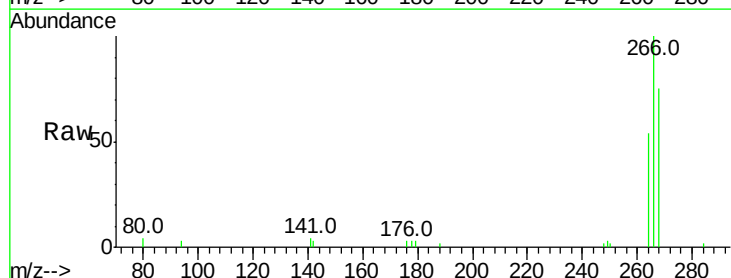
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

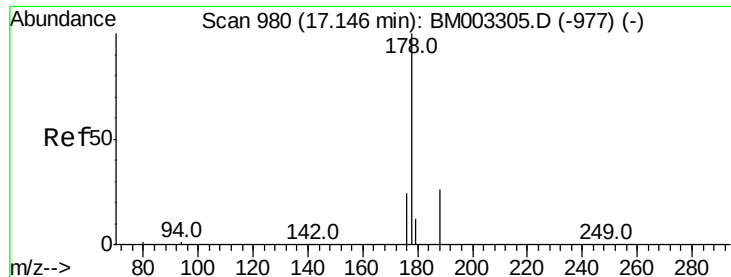
Tot Ion:284 Resp: 15710
Ion Ratio Lower Upper
284 100
142 45.0 0.0 0.0#
249 41.8 19.4 29.2#



#22
Pentachlorophenol
Concen: 0.99 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion:266 Resp: 4648
Ion Ratio Lower Upper
266 100
268 75.0 45.8 68.8#
264 53.7 56.7 85.1#





#23

Phenanthrene

Concen: 0.88 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

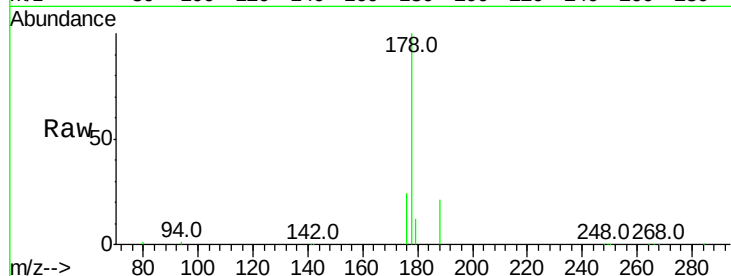
Tot Ion:178 Resp: 80075

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

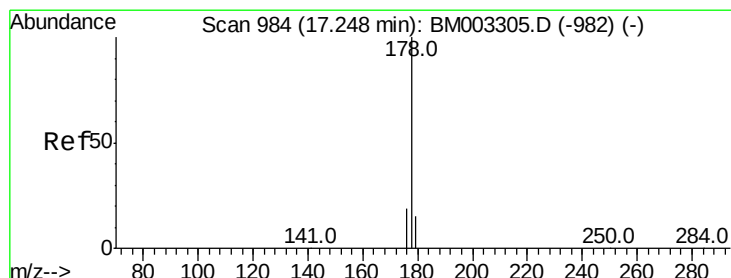
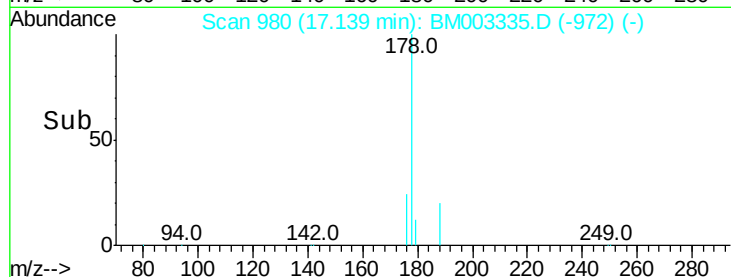
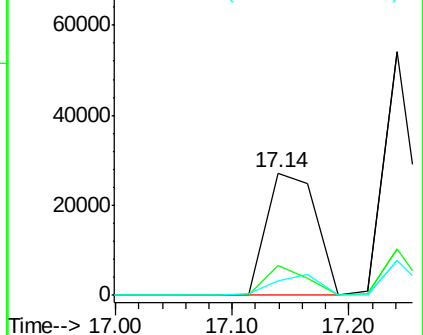
179 0.0 11.7 17.5#



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

Anthracene

Concen: 1.11 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

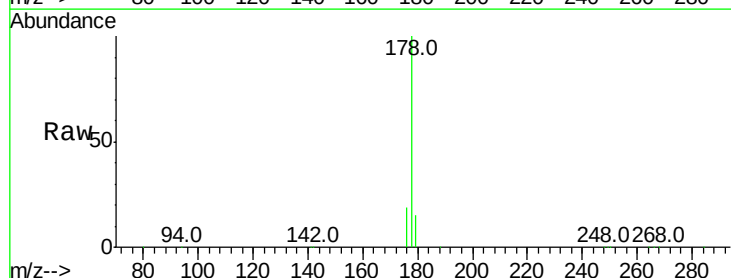
Tgt Ion:178 Resp: 91105

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

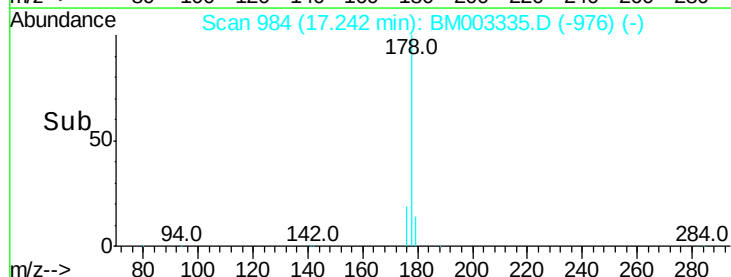
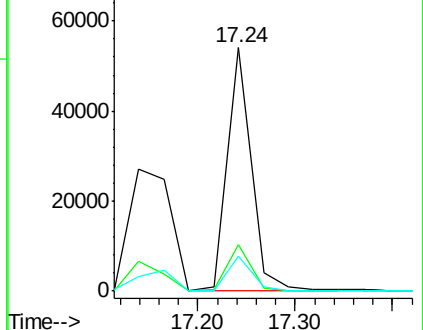
179 14.7 12.8 19.2

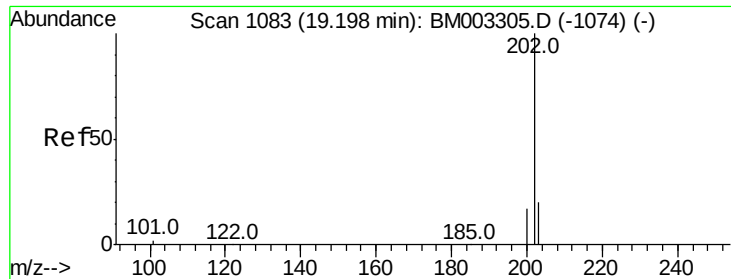


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

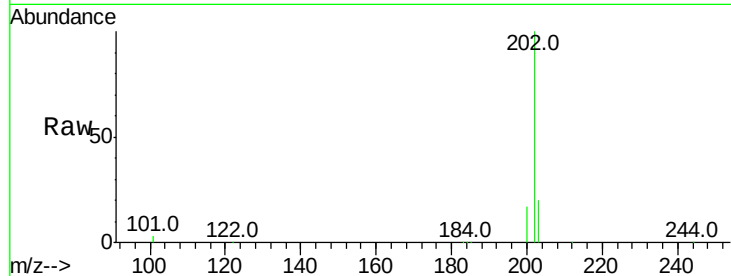




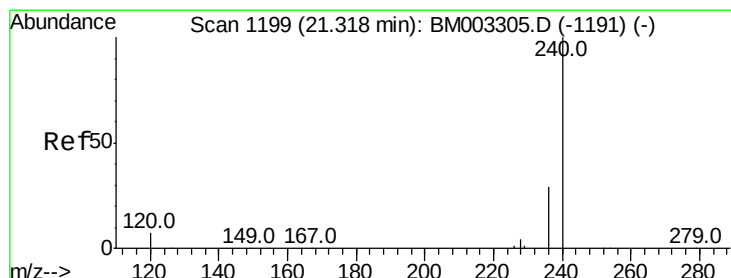
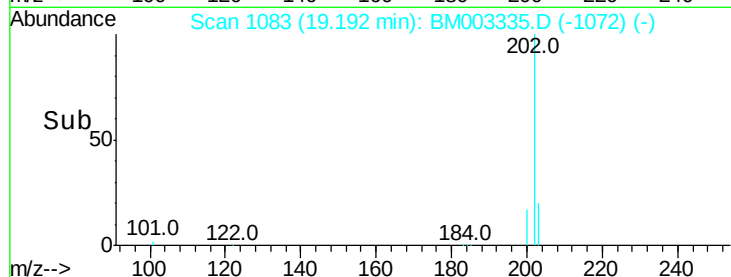
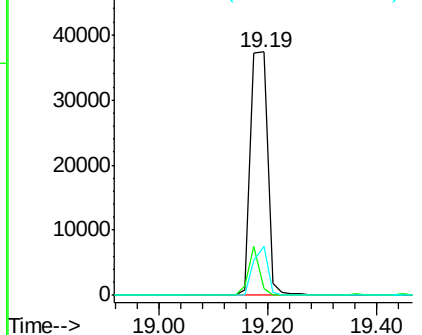
#25
 Fluoranthene
 Concen: 0.83 ng
 RT: 19.19 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BM003335.D
 Acq: 01 Dec 2015 00:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:202 Resp: 80220
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.9 14.9
 203 17.3 13.9 20.9

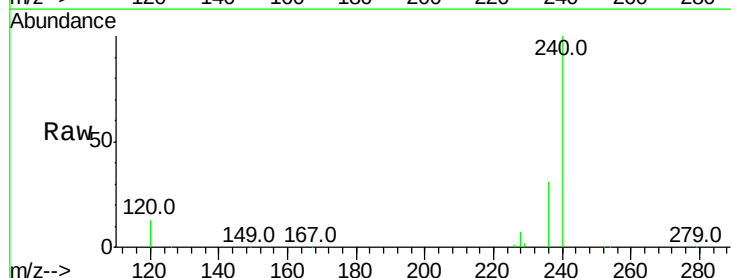


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

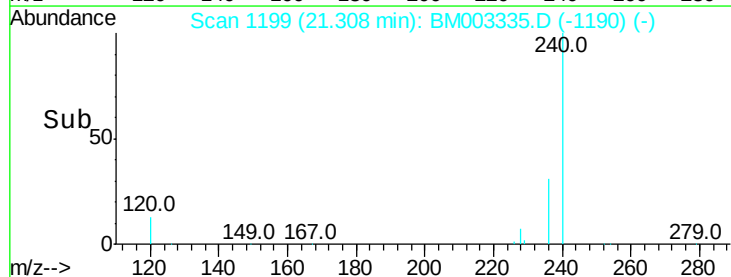
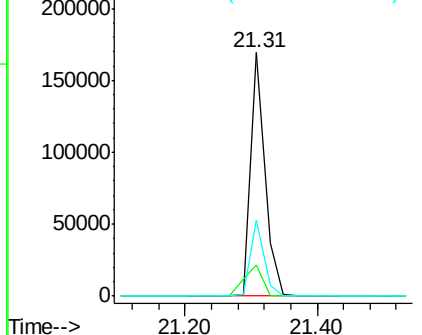


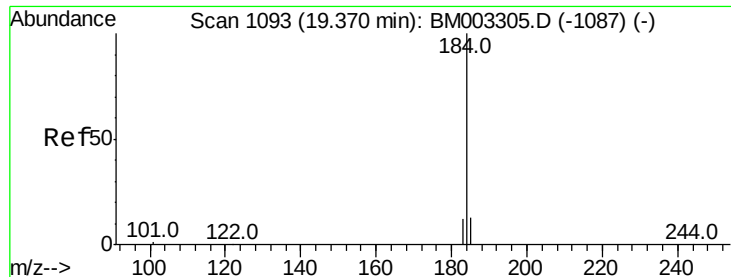
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BM003335.D
 Acq: 01 Dec 2015 00:57

Tgt Ion:240 Resp: 256924
 Ion Ratio Lower Upper
 240 100
 120 12.9 1.0 1.4#
 236 31.2 17.9 26.9#



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





#27

Benzidine

Concen: 1.79 ng

RT: 19.36 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

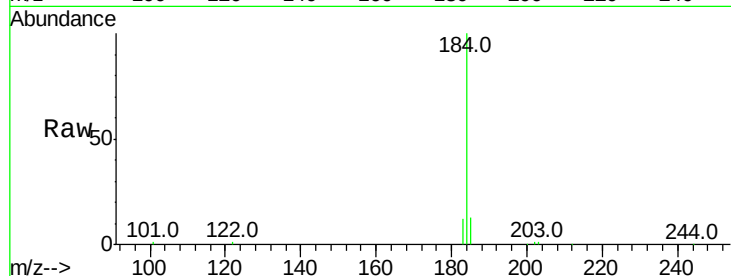
Tot Ion:184 Resp: 20239

Ion Ratio Lower Upper

184 100

185 12.9 11.6 17.4

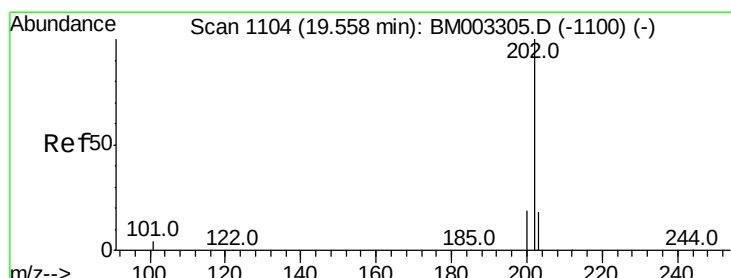
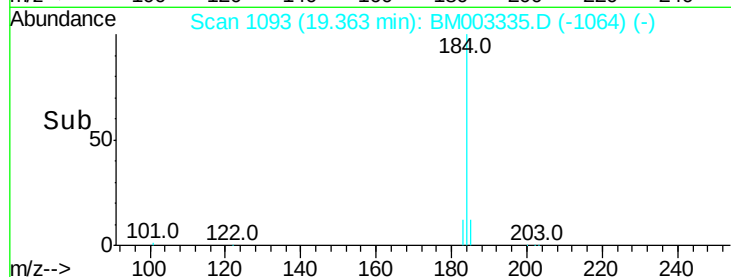
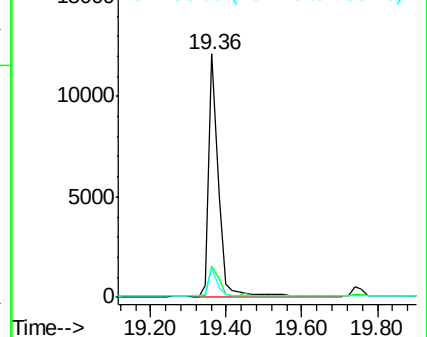
183 12.1 8.6 13.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 1.12 ng

RT: 19.55 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

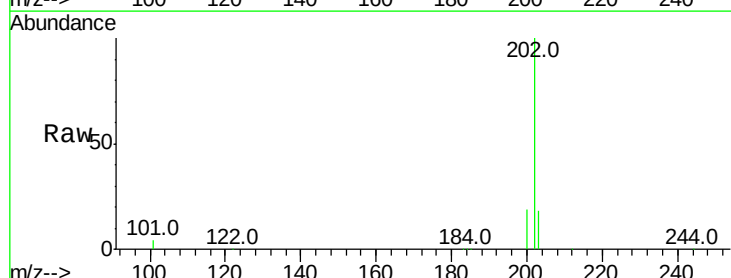
Tgt Ion:202 Resp: 87665

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

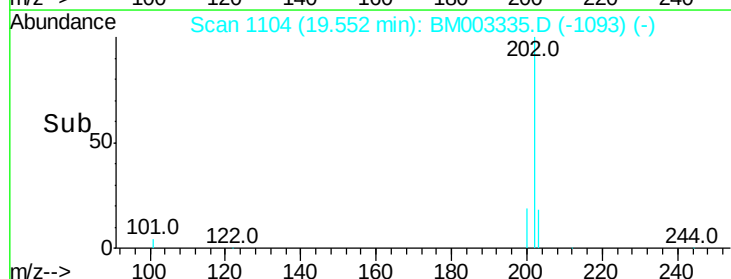
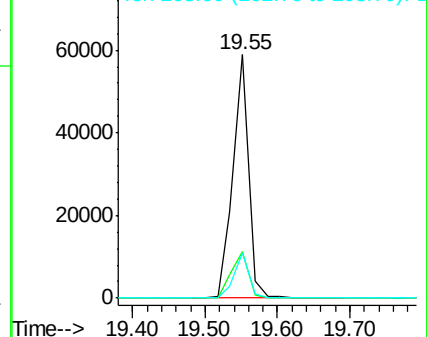
203 17.5 13.8 20.6

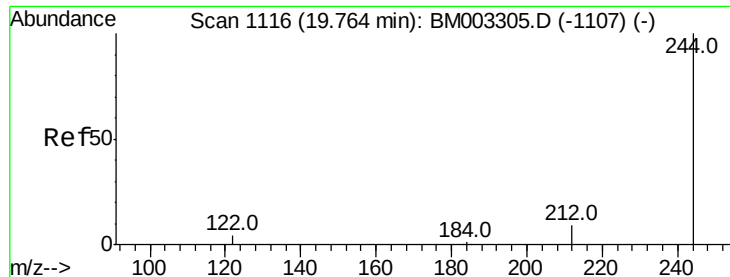


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.15 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

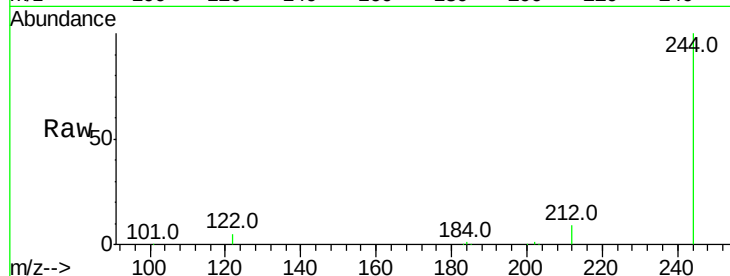
Tot Ion:244 Resp: 41196

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

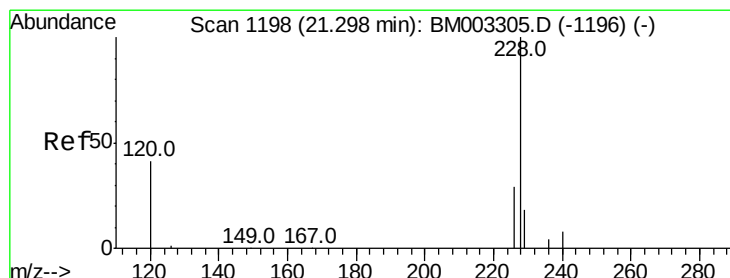
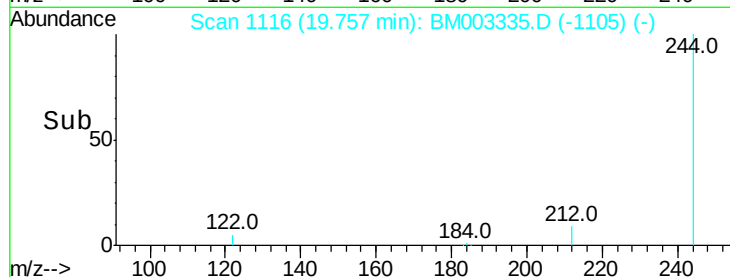
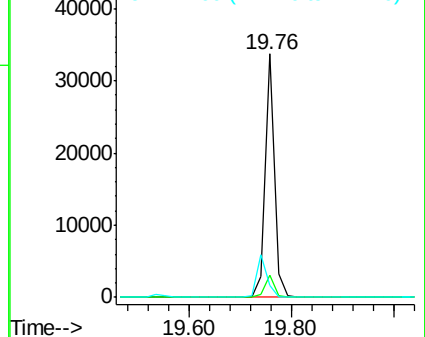
122 4.7 2.0 3.0#



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



#30

Benzo(a)anthracene

Concen: 1.16 ng

RT: 21.29 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

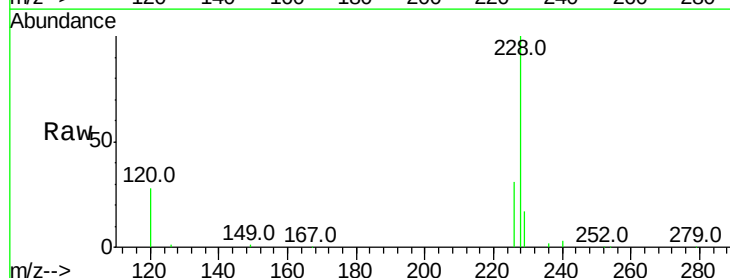
Tgt Ion:228 Resp: 75544

Ion Ratio Lower Upper

228 100

226 30.9 17.8 26.6#

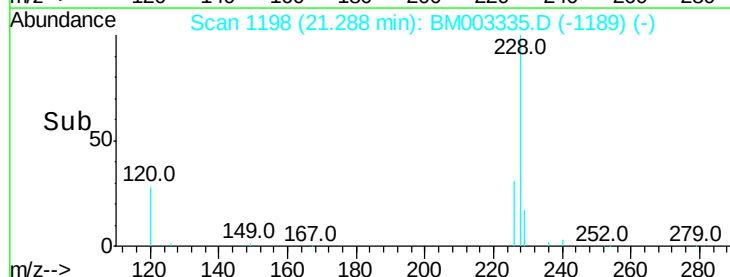
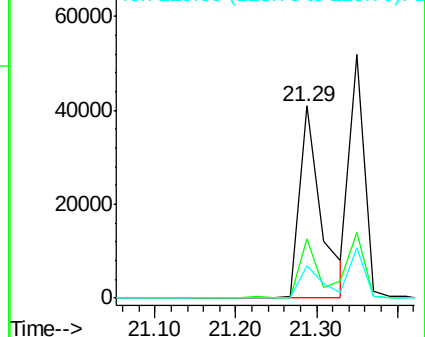
229 16.9 18.0 27.0#

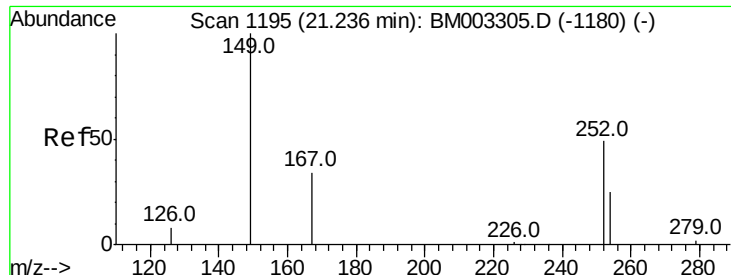


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

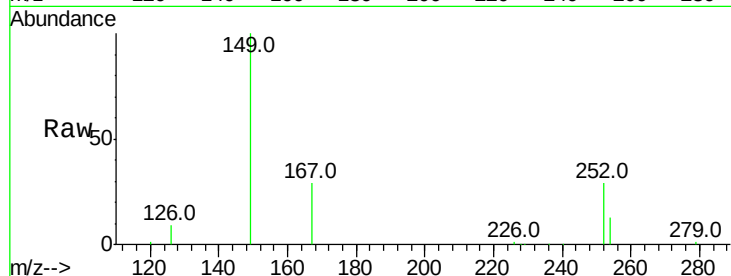




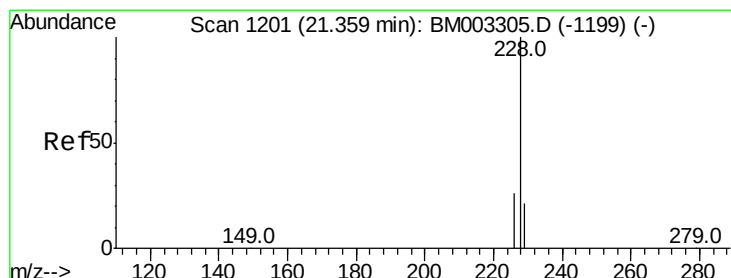
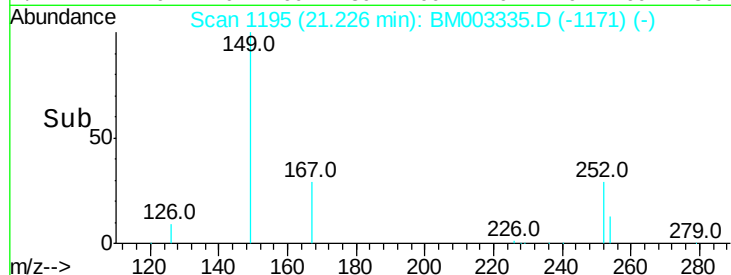
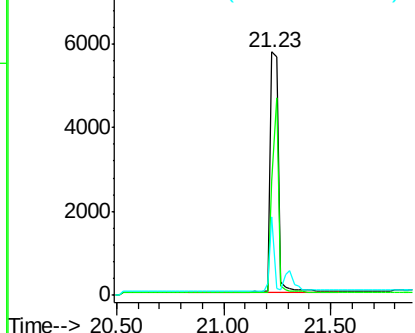
#31
3,3'-Dichlorobenzidine
Concen: 1.20 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:252 Resp: 15169
Ion Ratio Lower Upper
252 100
254 46.9 53.7 80.5#
126 32.1 2.8 4.2#

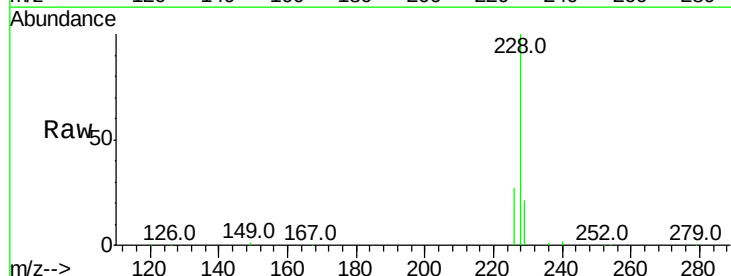


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

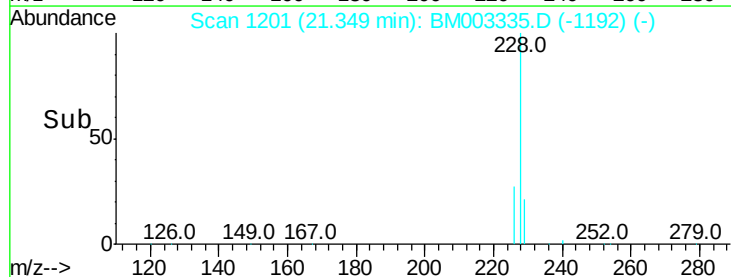
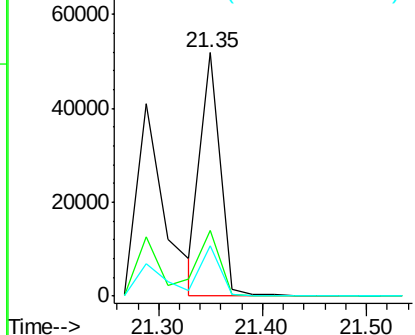


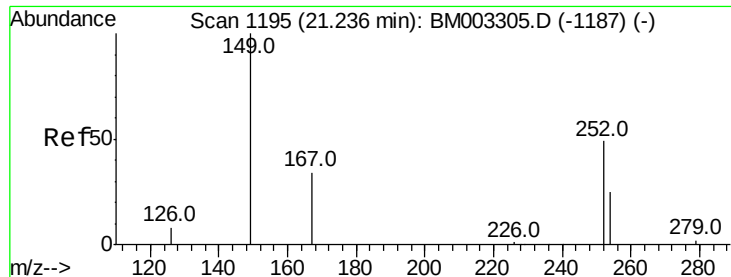
#32
Chrysene
Concen: 0.91 ng
RT: 21.35 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion:228 Resp: 65815
Ion Ratio Lower Upper
228 100
226 26.9 25.5 38.3
229 20.7 14.3 21.5



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.33 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

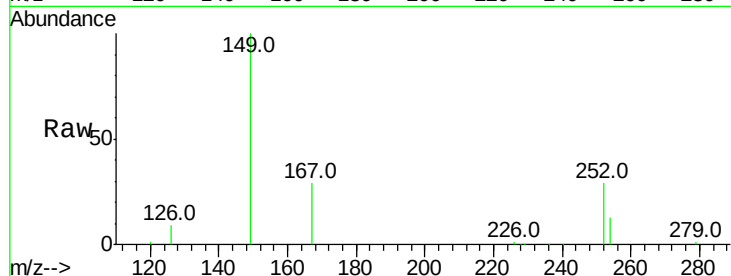
Tot Ion:149 Resp: 27326

Ion Ratio Lower Upper

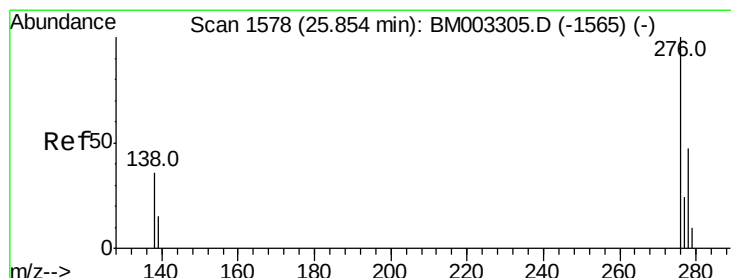
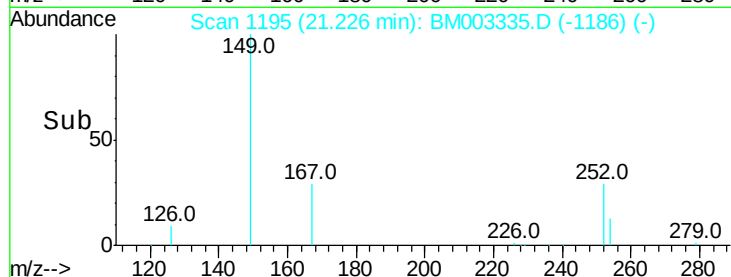
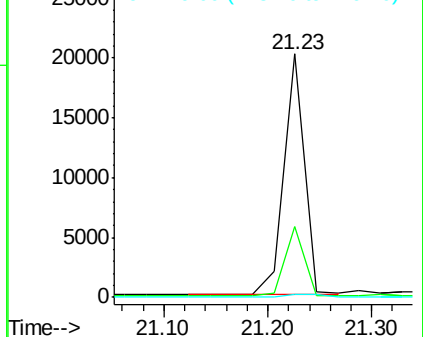
149 100

167 27.7 19.6 29.4

279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng

RT: 25.84 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

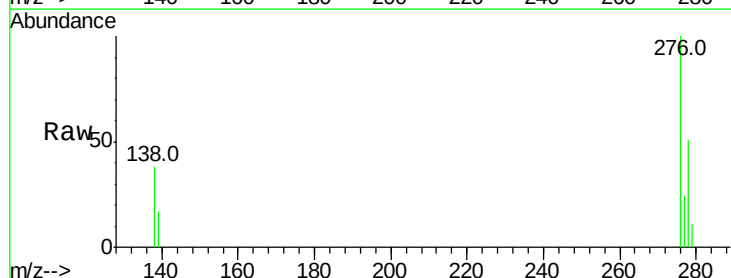
Tgt Ion:276 Resp: 60400

Ion Ratio Lower Upper

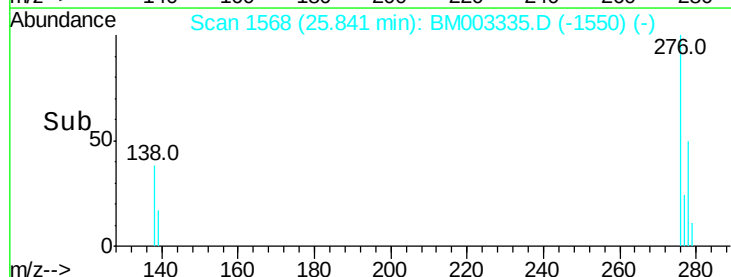
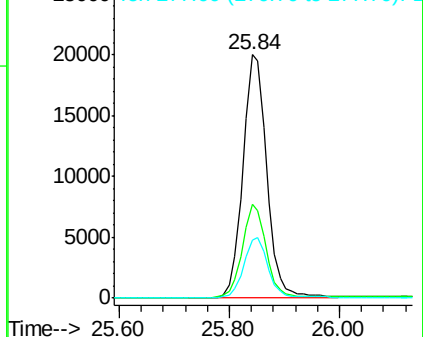
276 100

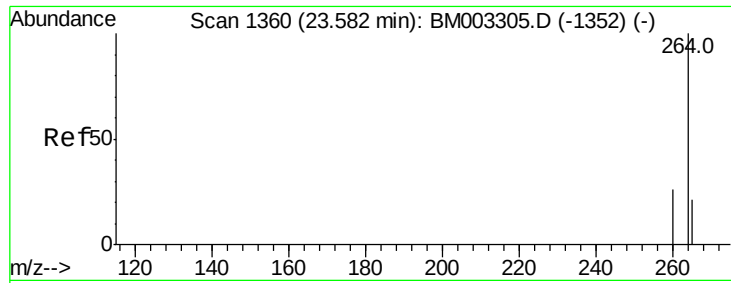
138 37.8 19.1 28.7#

277 24.8 15.9 23.9#



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

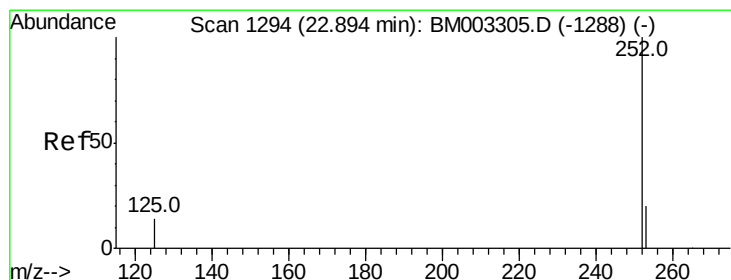
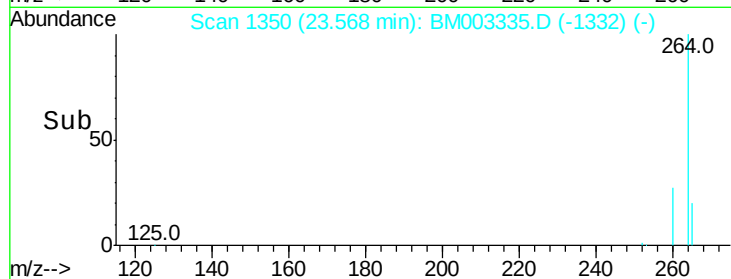
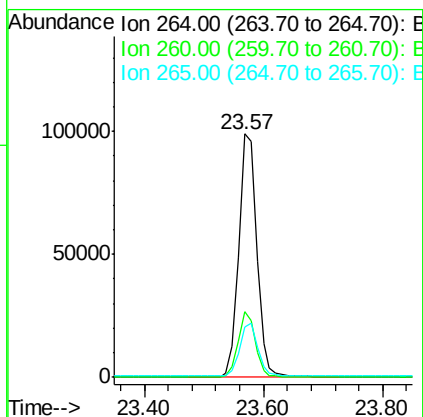
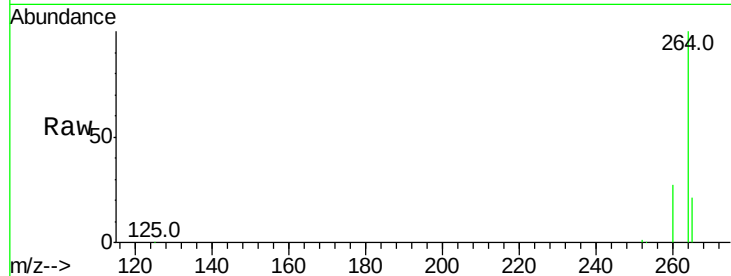




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.57 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BM003335.D
 Acq: 01 Dec 2015 00:57

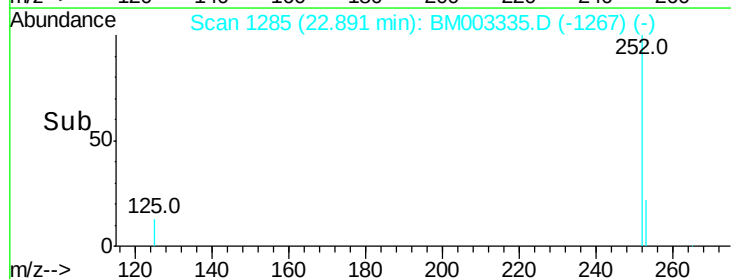
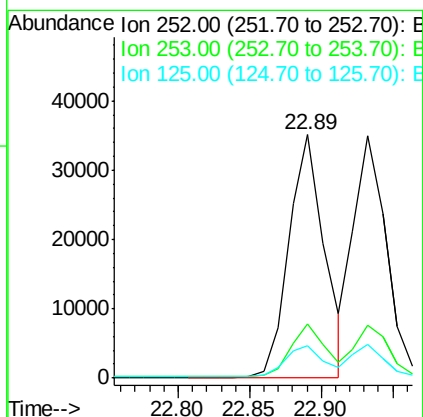
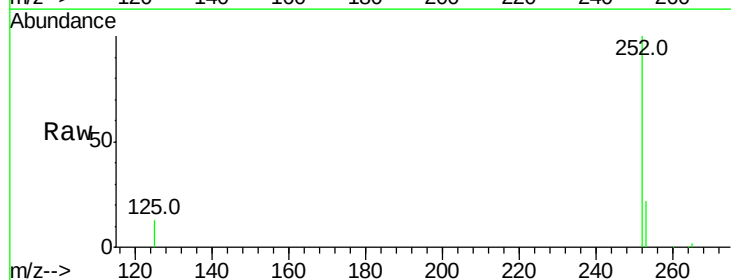
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

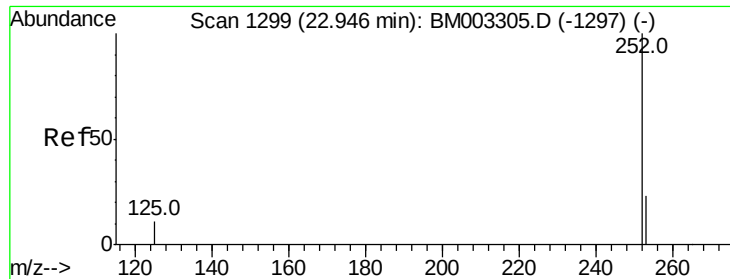
Tot Ion:264 Resp: 205659
 Ion Ratio Lower Upper
 264 100
 260 27.1 19.6 29.4
 265 20.8 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 1.02 ng
 RT: 22.89 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BM003335.D
 Acq: 01 Dec 2015 00:57

Tgt Ion:252 Resp: 60401
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 13.3 10.3 15.5

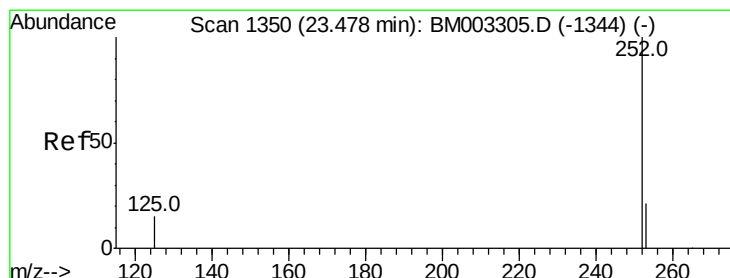
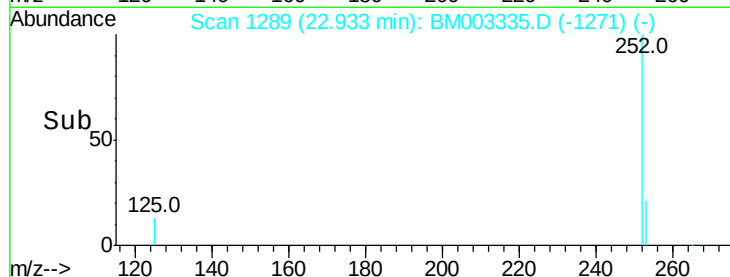
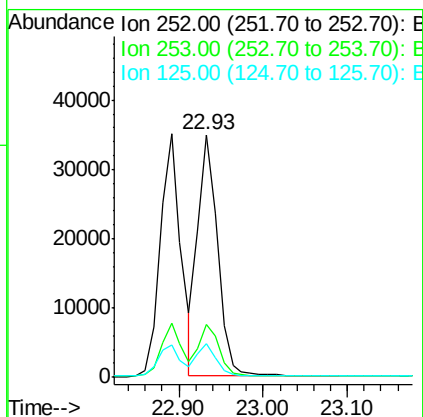
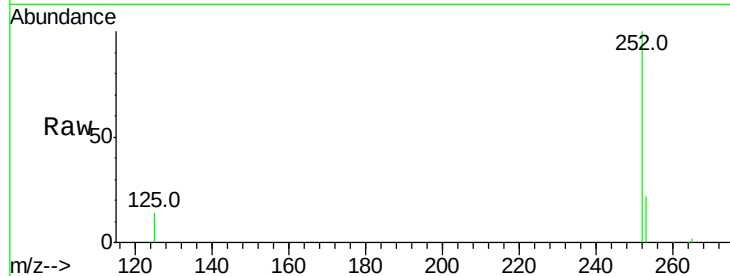




#37
Benzo(k)fluoranthene
Concen: 1.06 ng
RT: 22.93 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

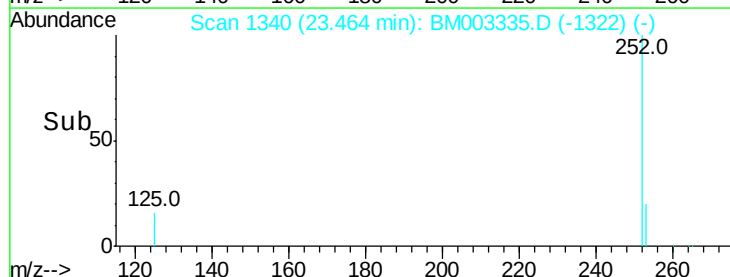
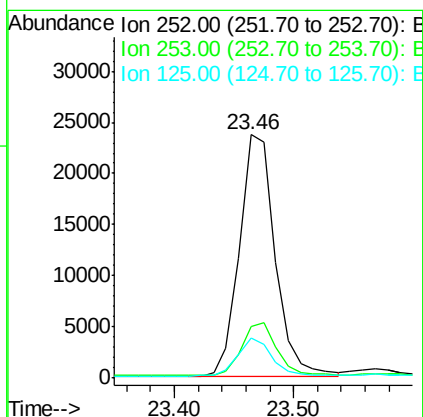
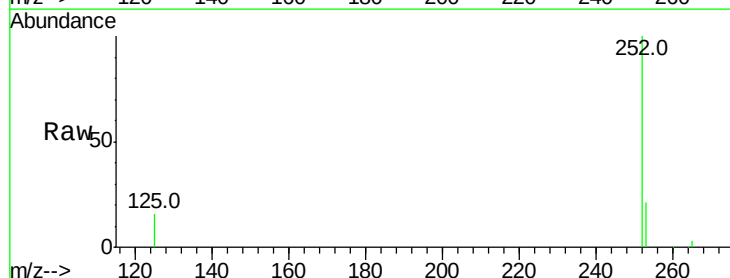
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

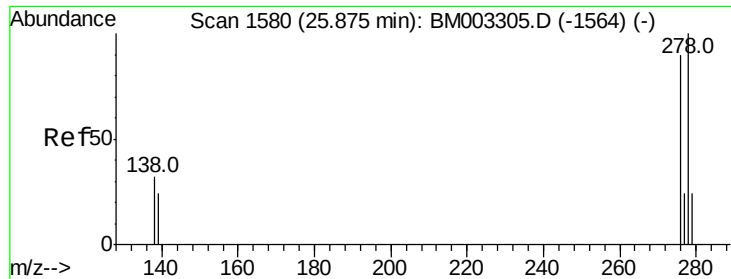
Tot Ion:252 Resp: 56304
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.7 10.7 16.1



#38
Benzo(a)pyrene
Concen: 1.04 ng
RT: 23.46 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM003335.D
Acq: 01 Dec 2015 00:57

Tgt Ion:252 Resp: 49243
Ion Ratio Lower Upper
252 100
253 21.2 18.7 28.1
125 16.3 11.6 17.4





#39

Dibenzo(a,h)anthracene

Concen: 1.20 ng

RT: 25.86 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

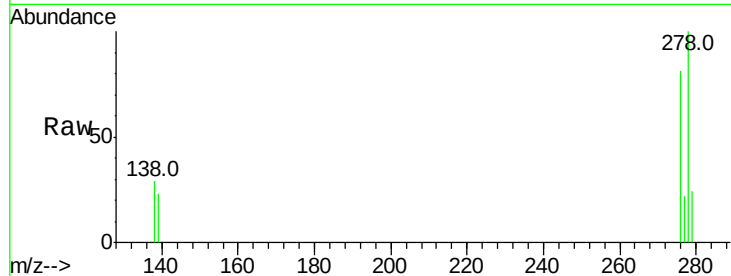
Tot Ion:278 Resp: 49027

Ion Ratio Lower Upper

278 100

139 23.3 18.2 27.4

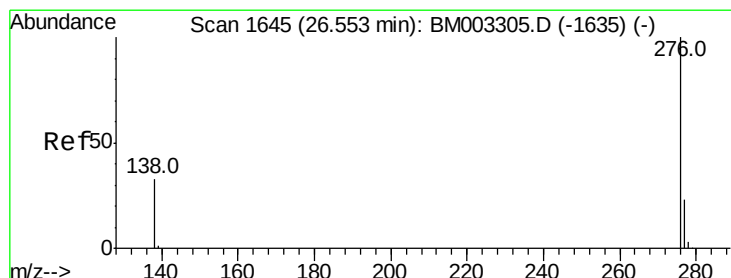
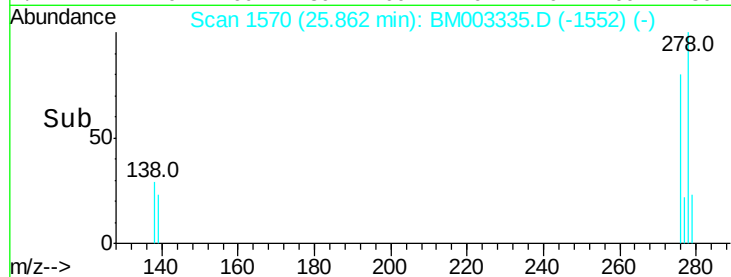
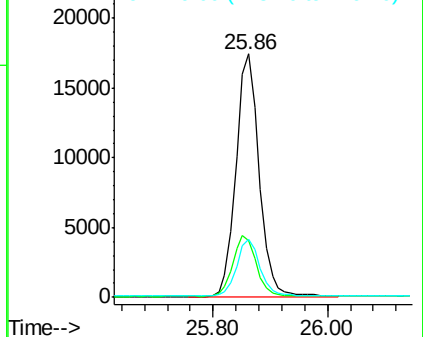
279 23.9 18.8 28.2



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



#40

Benzo(g,h,i)perylene

Concen: 1.05 ng

RT: 26.54 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM003335.D

Acq: 01 Dec 2015 00:57

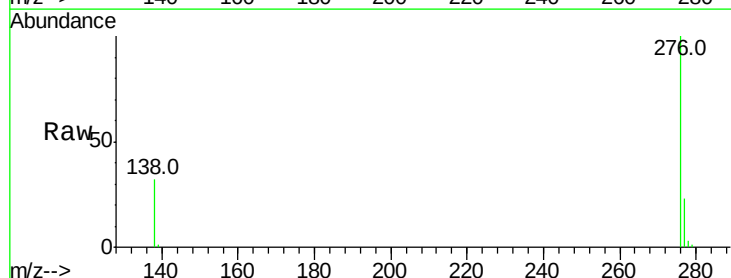
Tgt Ion:276 Resp: 51263

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 32.4 22.3 33.5



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

