

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
 Data File : BM003353.D
 Acq On : 02 Dec 2015 12:28
 Operator : UM/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Dec 02 13:18:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 12:43:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	60767	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	258075	5.00	ng	-0.02
13) Acenaphthene-d10	14.38	164	135360	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	309102	5.00	ng	0.00
26) Chrysene-d12	21.32	240	226350	5.00	ng	0.00
35) Perylene-d12	23.58	264	161620	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5800	0.48	ng	0.00
5) Phenol-d6	6.88	99	6950	0.51	ng	-0.02
8) Nitrobenzene-d5	8.88	82	5506	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.87	330	1385	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	22023	0.50	ng	-0.01
29) Terphenyl-d14	19.76	244	16288	0.52	ng	0.00

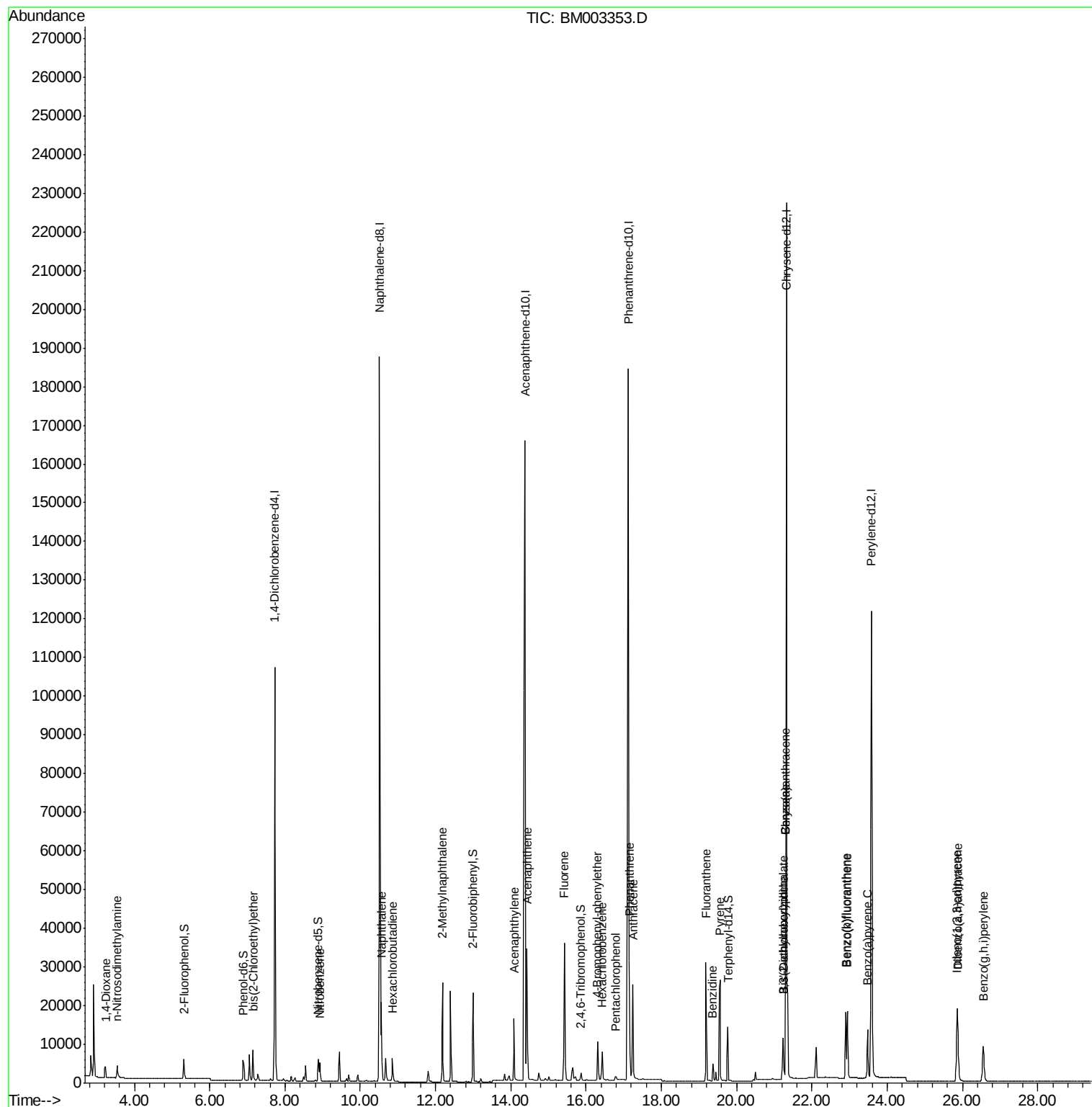
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2894	0.49	ng	97
3) n-Nitrosodimethylamine	3.54	42	2608	0.46	ng	96
6) bis(2-Chloroethyl)ether	7.16	93	7105	0.51	ng	100
9) Nitrobenzene	8.92	77	5871	0.47	ng	100
10) Naphthalene	10.56	128	27684	0.50	ng	98
11) Hexachlorobutadiene	10.85	225	4213	0.50	ng	97
12) 2-Methylnaphthalene	12.18	142	18732	0.54	ng	99
16) Acenaphthylene	14.09	152	24637	0.50	ng	100
17) Acenaphthene	14.42	154	19511	0.51	ng	# 100
18) Fluorene	15.42	166	23414	0.61	ng	98
20) 4-Bromophenyl-phenylether	16.30	248	5695	0.54	ng	93
21) Hexachlorobenzene	16.43	284	7169	0.66	ng	# 84
22) Pentachlorophenol	16.79	266	1296	0.32	ng	# 79
23) Phenanthrene	17.15	178	37713	0.53	ng	99
24) Anthracene	17.25	178	31984	0.55	ng	100
25) Fluoranthene	19.18	202	32976	0.49	ng	99
27) Benzidine	19.37	184	6693	0.64	ng	98
28) Pyrene	19.56	202	35797	0.52	ng	99
30) Benzo(a)anthracene	21.30	228	36220	0.63	ng	# 90
31) 3,3'-Dichlorobenzidine	21.24	252	5469	0.45	ng	# 81
32) Chrysene	21.30	228	36220	0.53	ng	95
33) Bis(2-ethylhexyl)phthalate	21.24	149	8115	0.35	ng	# 92
34) Indeno(1,2,3-cd)pyrene	25.85	276	22391	0.43	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	23861	0.51	ng	97
37) Benzo(k)fluoranthene	22.94	252	21305	0.51	ng	98
38) Benzo(a)pyrene	23.47	252	19216	0.52	ng	97
39) Dibenzo(a,h)anthracene	25.87	278	17974	0.56	ng	96
40) Benzo(g,h,i)perylene	26.55	276	19146	0.50	ng	94

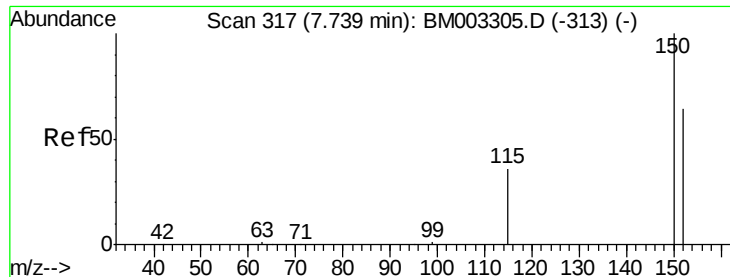
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003353.D
Acq On : 02 Dec 2015 12:28
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Dec 02 13:18:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:43:07 2015
Response via : Initial Calibration



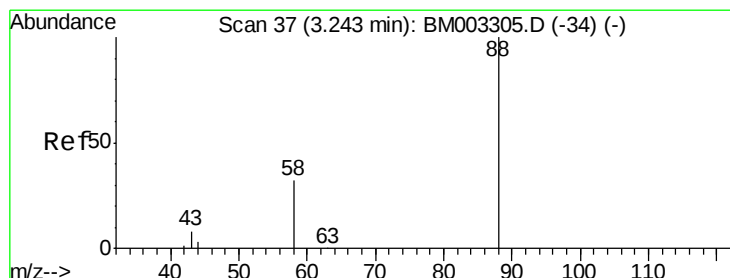
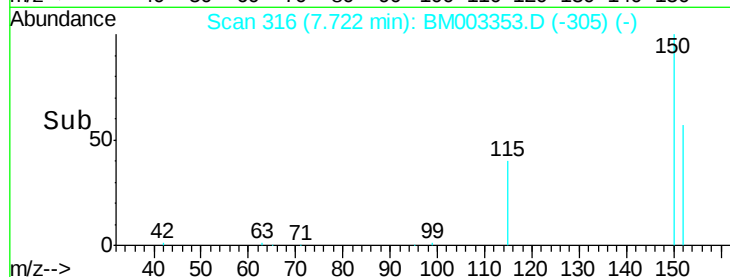
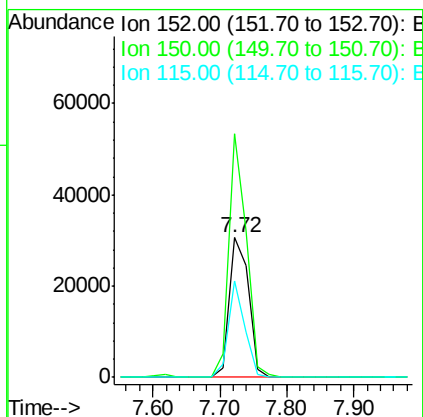
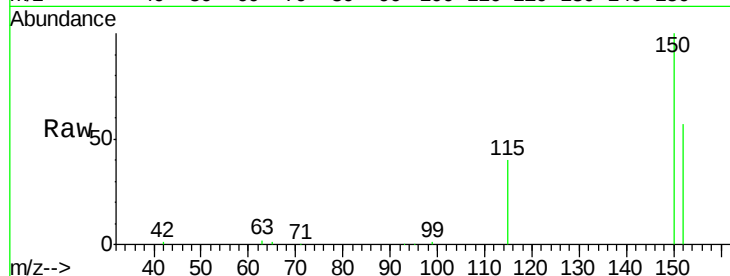


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

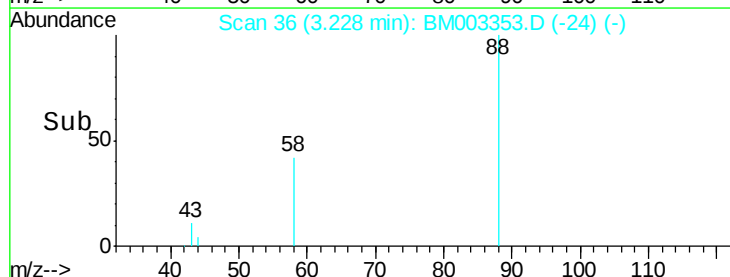
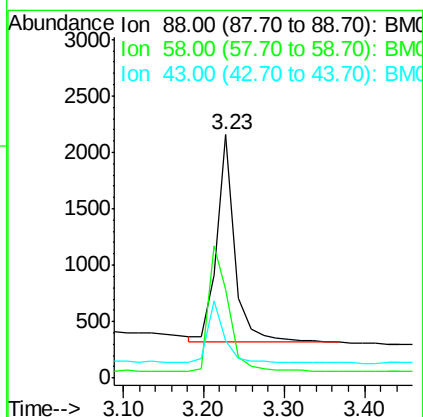
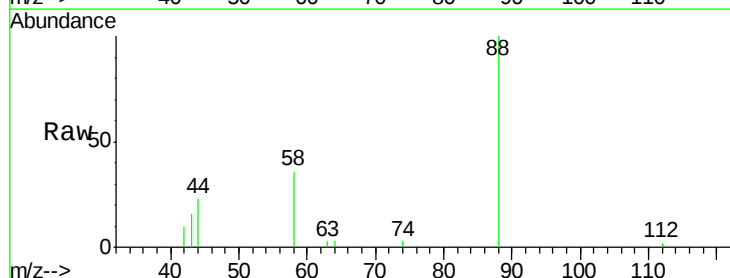
Tot Ion:152 Resp: 60767
Ion Ratio Lower Upper
152 100
150 174.5 143.6 215.4
115 69.5 58.5 87.7

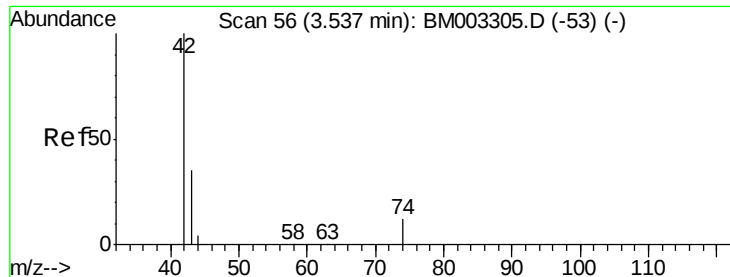


#2

1,4-Dioxane
Concen: 0.49 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion: 88 Resp: 2894
Ion Ratio Lower Upper
88 100
58 66.0 55.2 82.8
43 28.0 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 0.46 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

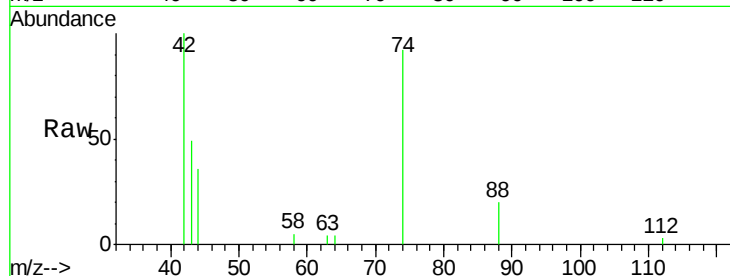
Tot Ion: 42 Resp: 2608

Ion Ratio Lower Upper

42 100

74 131.1 101.0 151.4

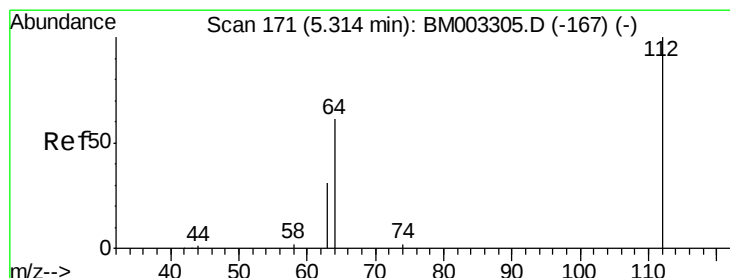
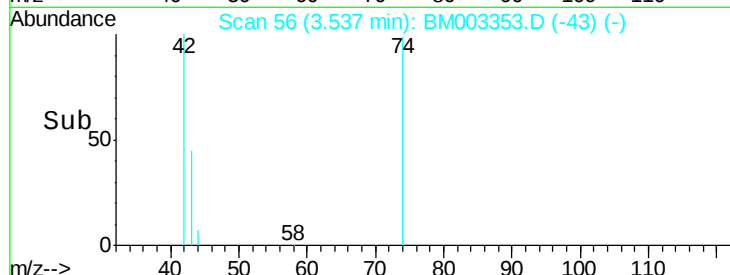
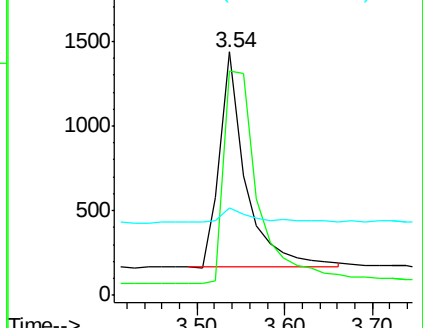
44 9.3 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003353.D (-43) (-)

Ion 74.00 (73.70 to 74.70): BM003353.D (-43) (-)

Ion 44.00 (43.70 to 44.70): BM003353.D (-43) (-)



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

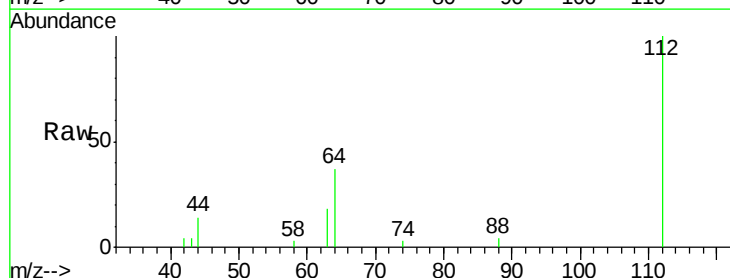
Tgt Ion: 112 Resp: 5800

Ion Ratio Lower Upper

112 100

64 51.8 41.2 61.8

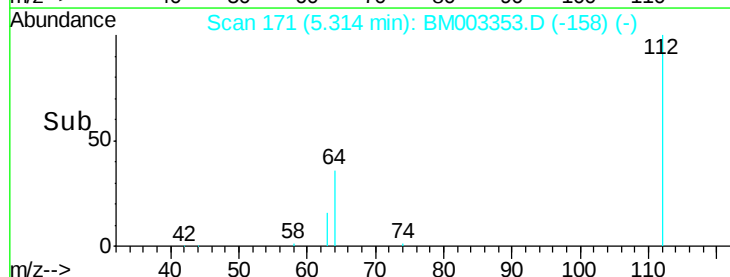
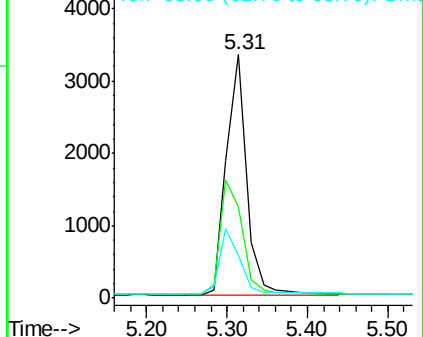
63 27.2 21.2 31.8

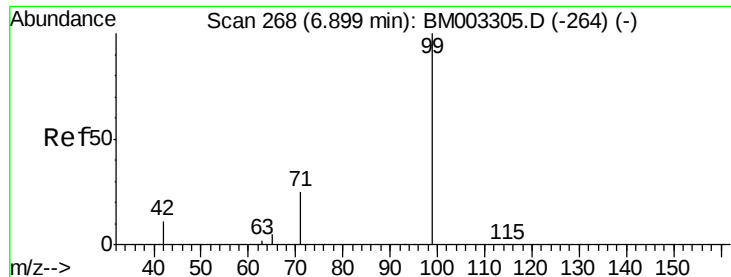


Abundance Ion 112.00 (111.70 to 112.70): BM003353.D (-158) (-)

Ion 64.00 (63.70 to 64.70): BM003353.D (-158) (-)

Ion 63.00 (62.70 to 63.70): BM003353.D (-158) (-)





#5

Phenol-d6

Concen: 0.51 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

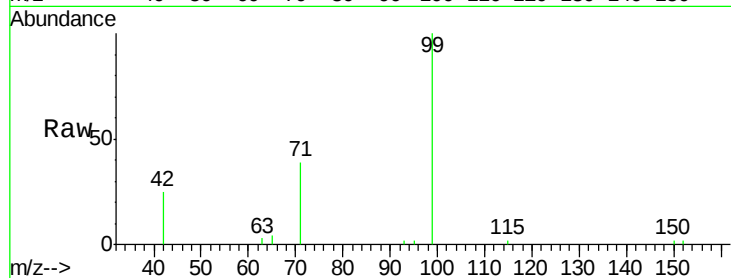
Tot Ion: 99 Resp: 6950

Ion Ratio Lower Upper

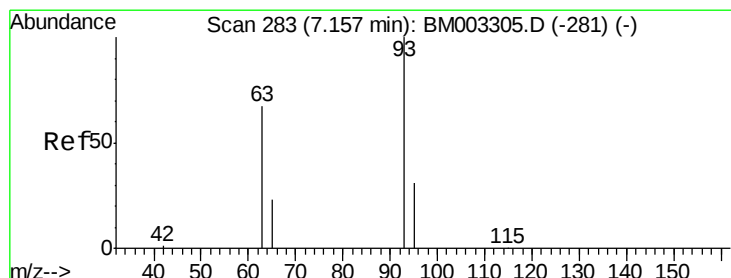
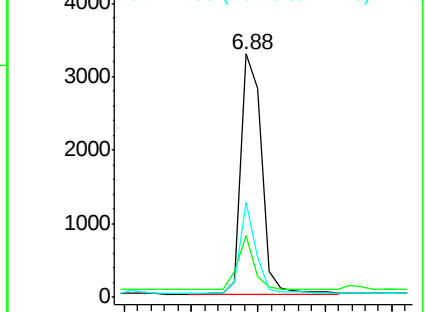
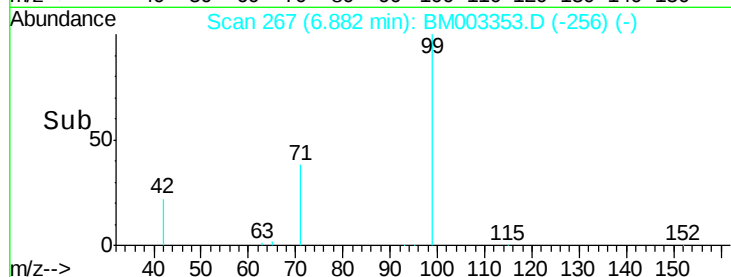
99 100

42 18.7 14.6 22.0

71 29.7 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003353.D (-256) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.51 ng

RT: 7.16 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

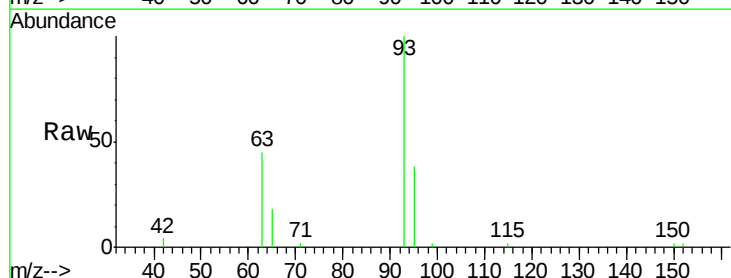
Tgt Ion: 93 Resp: 7105

Ion Ratio Lower Upper

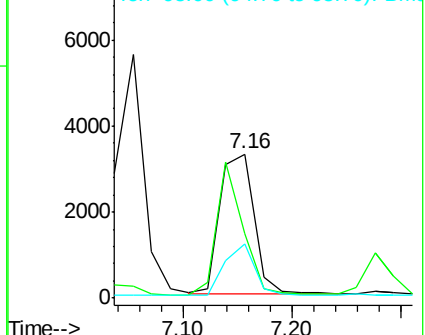
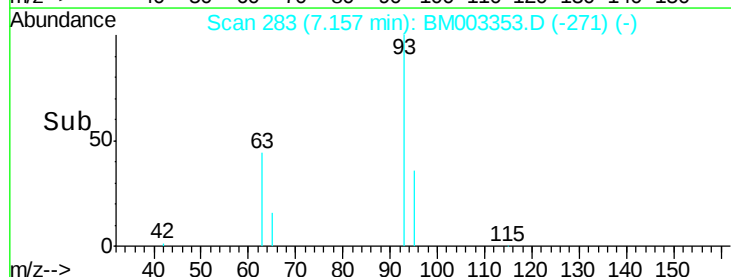
93 100

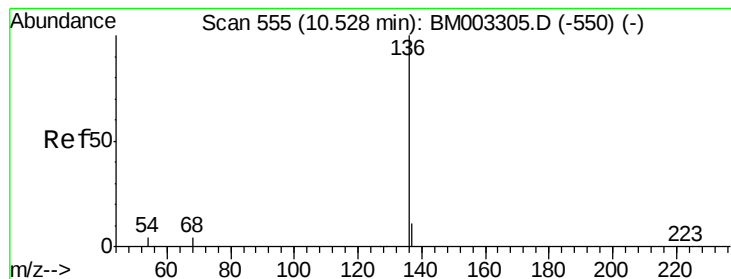
63 73.1 58.2 87.4

95 32.4 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BM003353.D (-271) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

Tot Ion:136 Resp: 258075

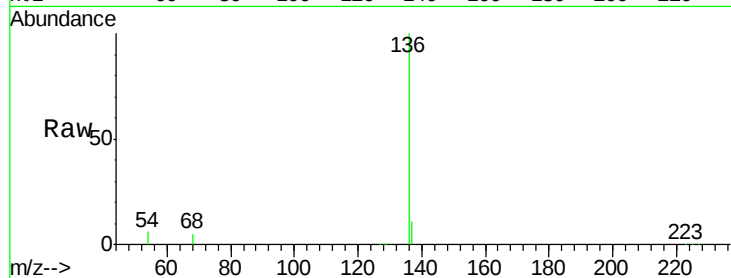
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.4 7.4 11.0#

68 5.3 5.8 8.6#

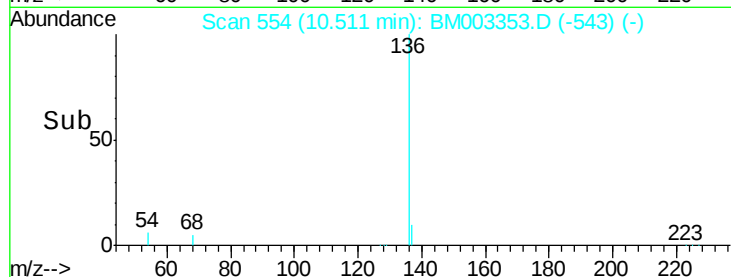


Abundance Ion 136.00 (135.70 to 136.70): E

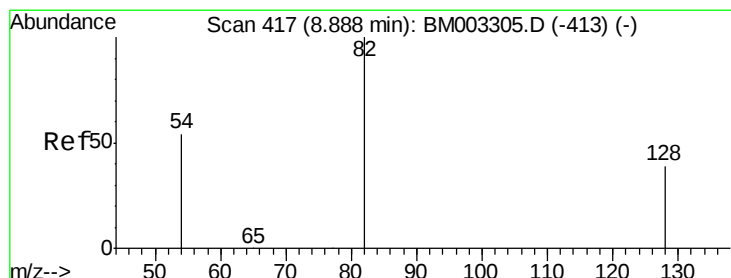
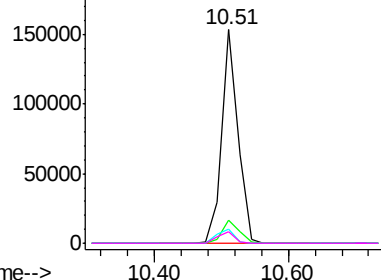
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.48 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

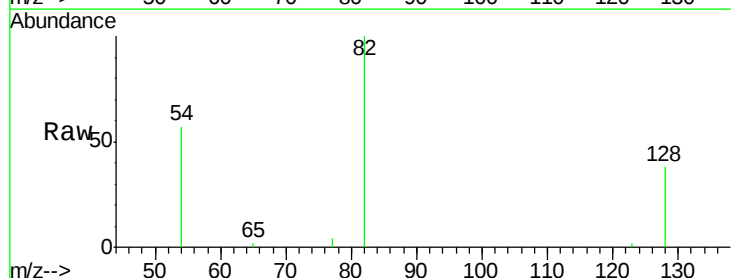
Tgt Ion: 82 Resp: 5506

Ion Ratio Lower Upper

82 100

128 38.0 35.2 52.8

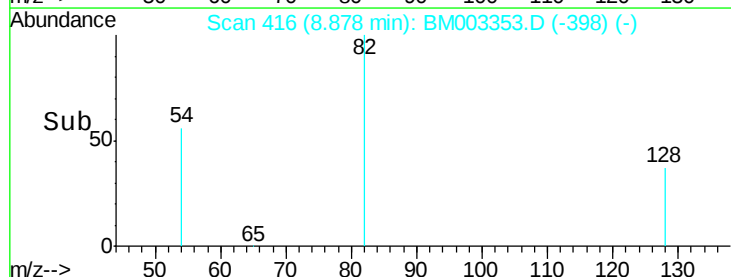
54 57.3 36.4 54.6#



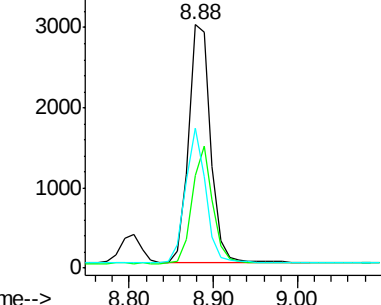
Abundance Ion 82.00 (81.70 to 82.70): BM

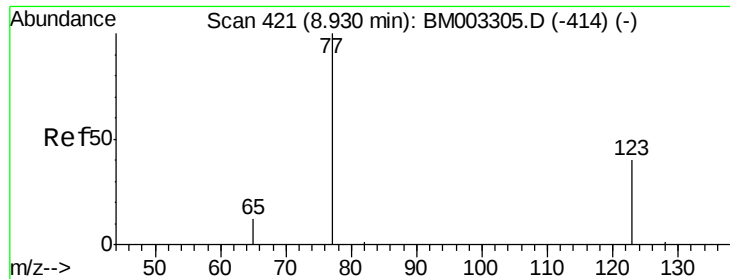
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#9

Nitrobenzene

Concen: 0.47 ng

RT: 8.92 min Scan# 420

Delta R.T. -0.01 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

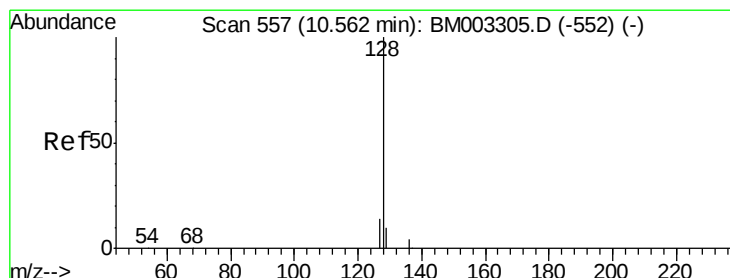
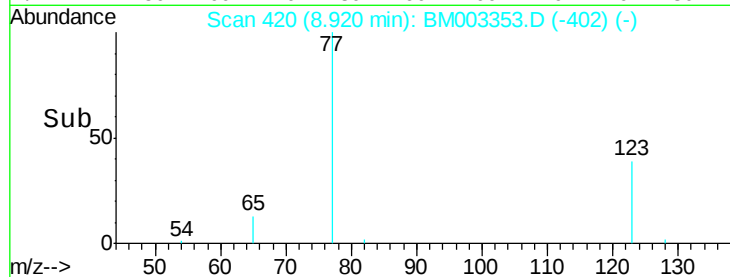
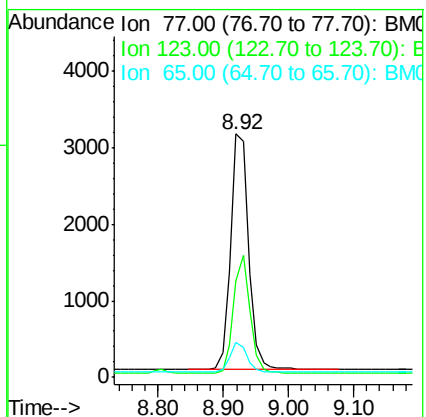
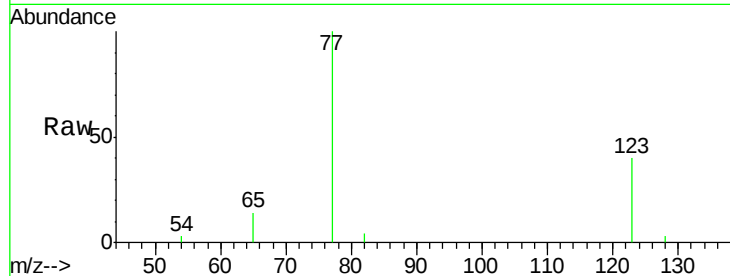
Tot Ion: 77 Resp: 5871

Ion Ratio Lower Upper

77 100

123 47.0 37.7 56.5

65 12.1 9.8 14.6



#10

Naphthalene

Concen: 0.50 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

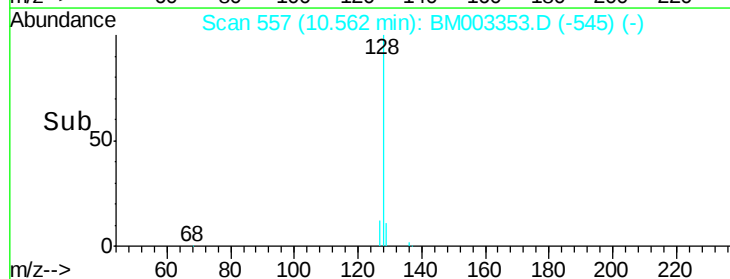
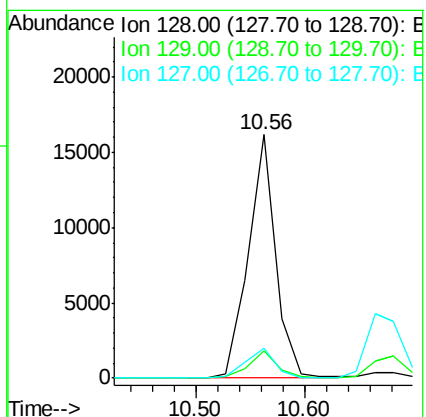
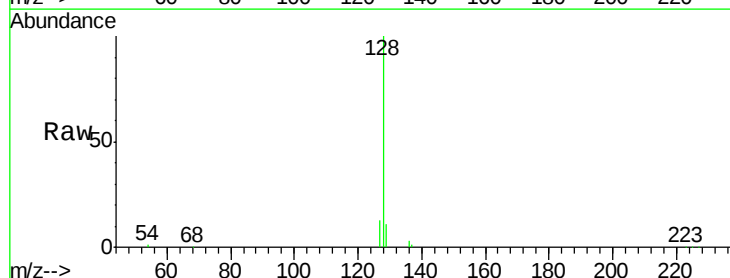
Tgt Ion: 128 Resp: 27684

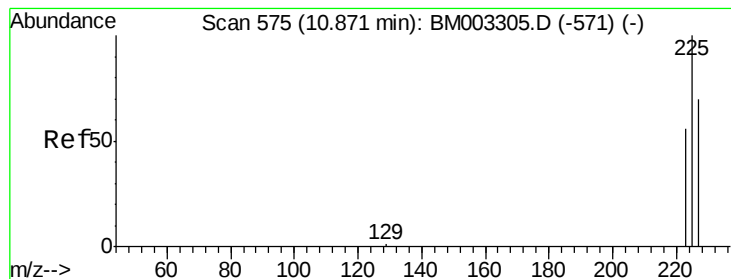
Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 12.5 10.6 16.0





#11

Hexachlorobutadiene

Concen: 0.50 ng

RT: 10.85 min Scan# 574

Delta R.T. -0.02 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

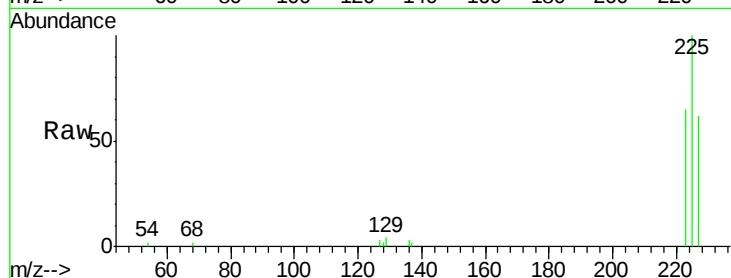
Tot Ion:225 Resp: 4213

Ion Ratio Lower Upper

225 100

223 63.7 53.0 79.4

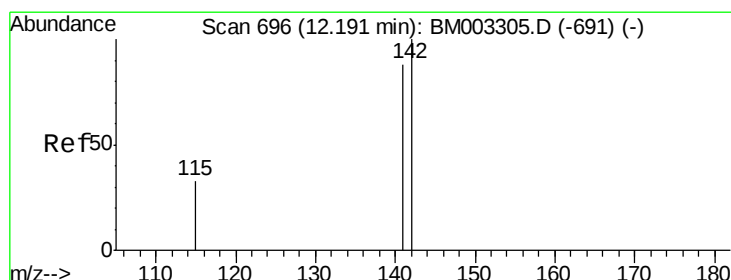
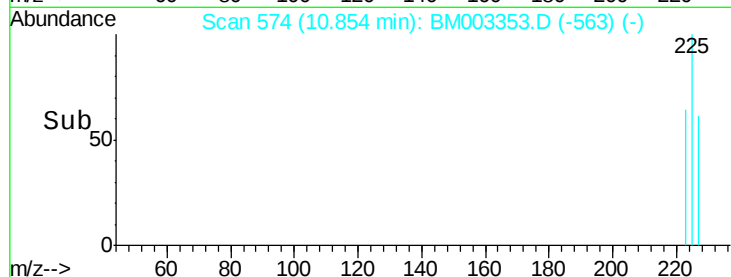
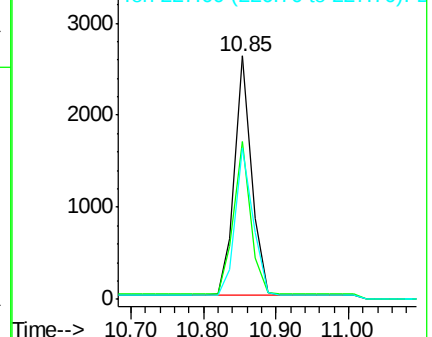
227 63.2 52.2 78.4



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



#12

2-Methylnaphthalene

Concen: 0.54 ng

RT: 12.18 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

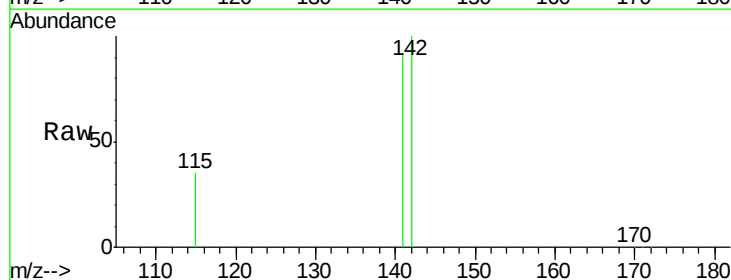
Tgt Ion:142 Resp: 18732

Ion Ratio Lower Upper

142 100

141 91.7 72.2 108.2

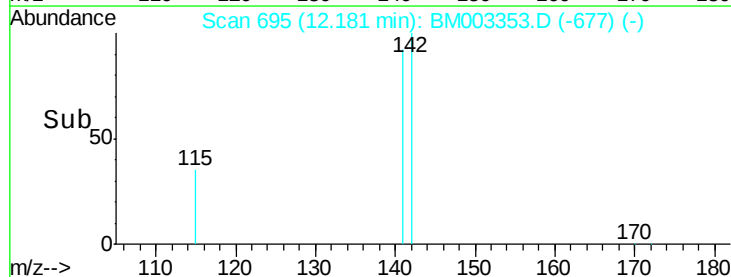
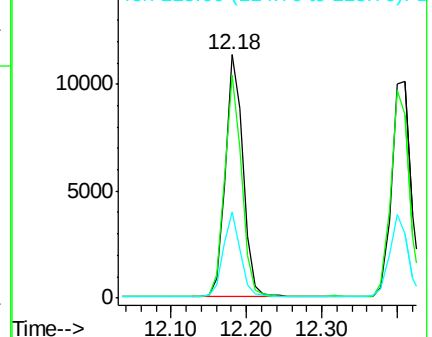
115 35.2 28.0 42.0

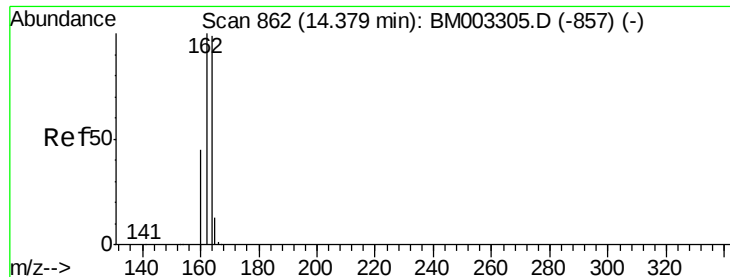


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

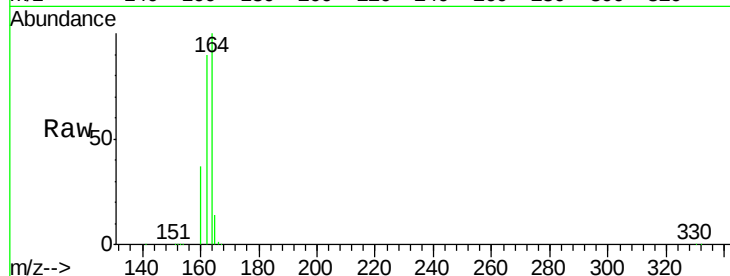
Tot Ion:164 Resp: 135360

Ion Ratio Lower Upper

164 100

162 90.2 78.3 117.5

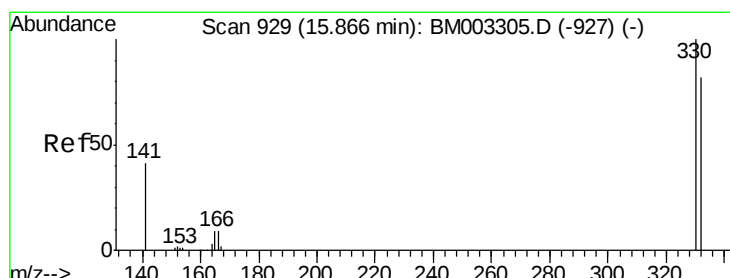
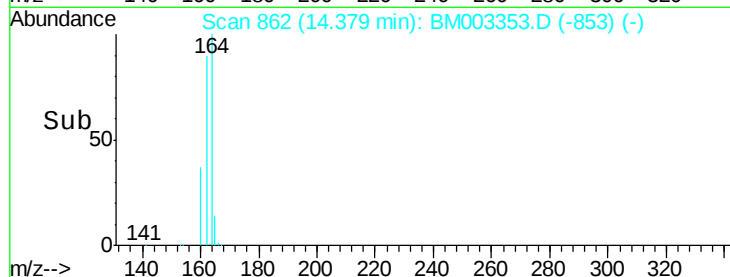
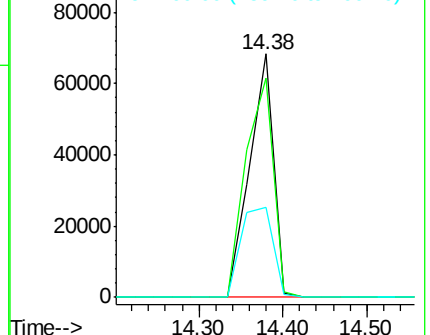
160 36.7 33.8 50.6



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: 0.57 ng

RT: 15.87 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

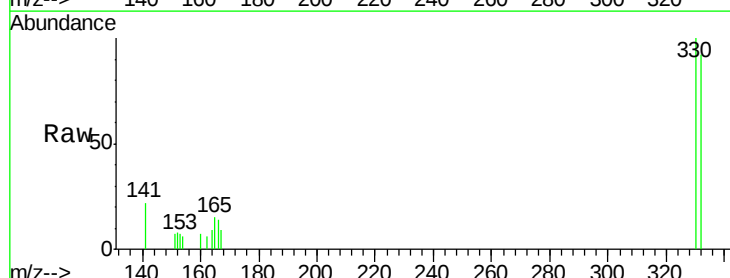
Tgt Ion:330 Resp: 1385

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

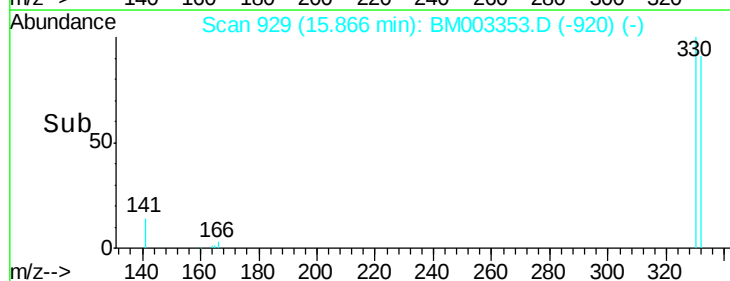
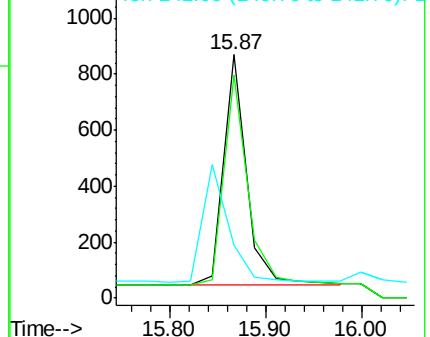
141 0.0 0.0 0.0

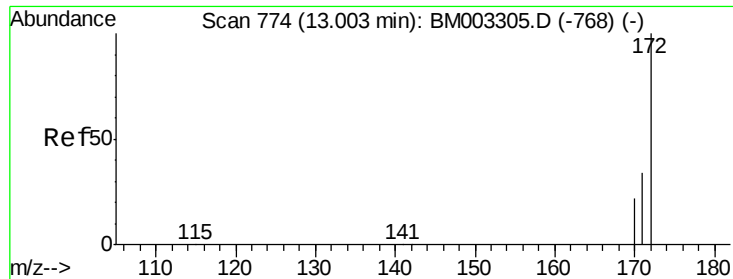


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

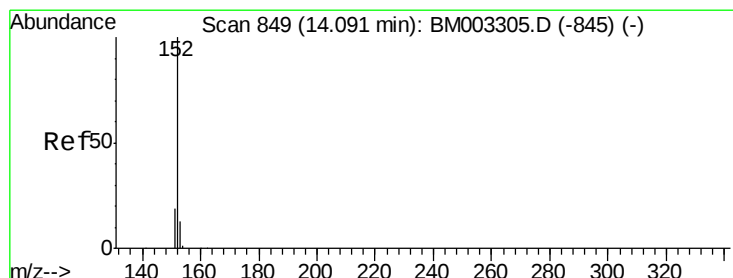
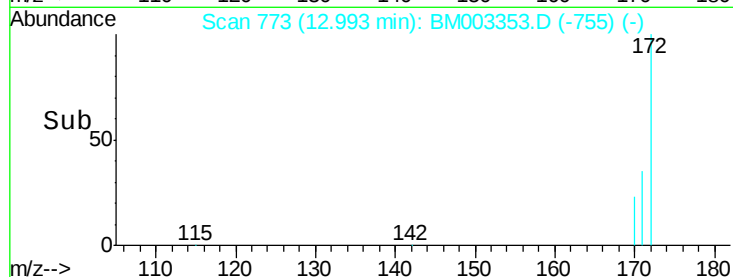
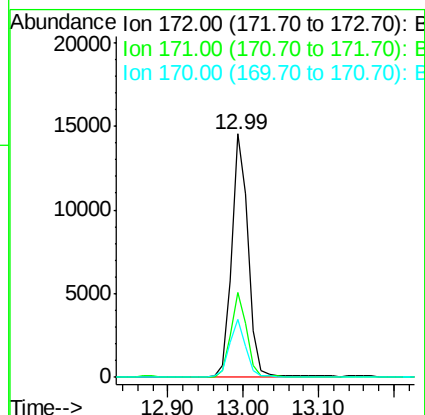
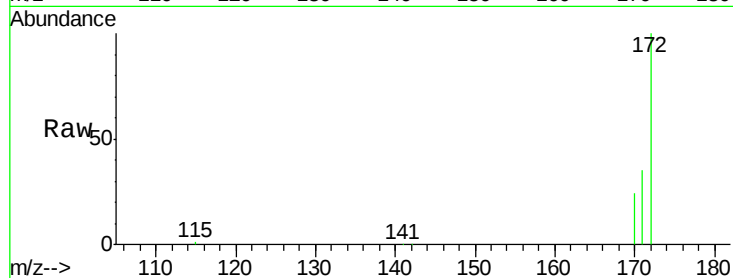




#15
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.99 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

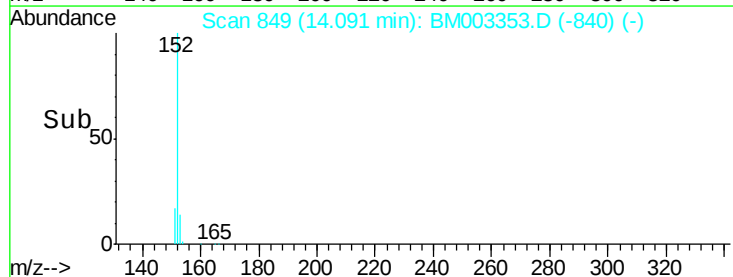
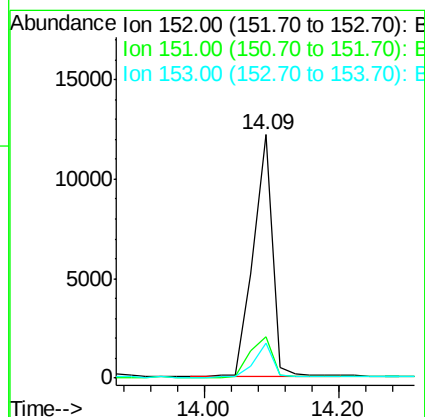
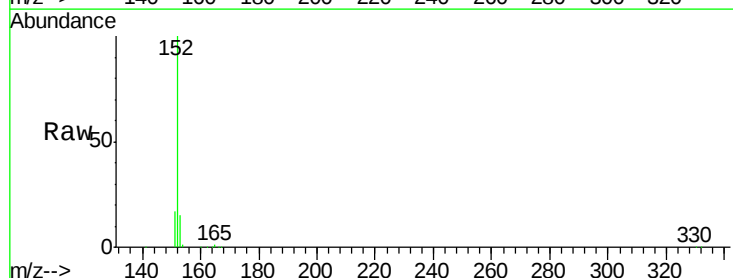
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

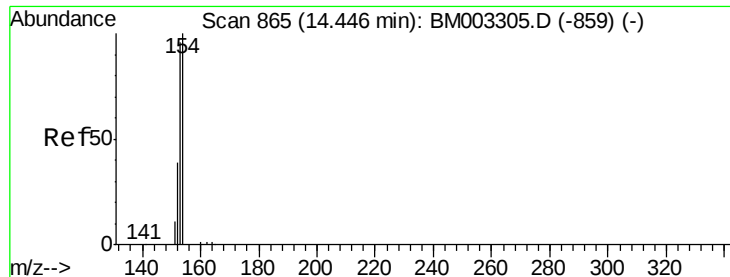
Tot Ion:172 Resp: 22023
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 18.9 28.3



#16
Acenaphthylene
Concen: 0.50 ng
RT: 14.09 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:152 Resp: 24637
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.51 ng

RT: 14.42 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

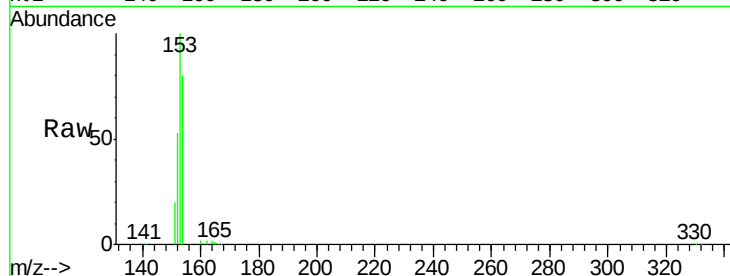
Tot Ion:154 Resp: 19511

Ion Ratio Lower Upper

154 100

153 112.0 0.0 0.0#

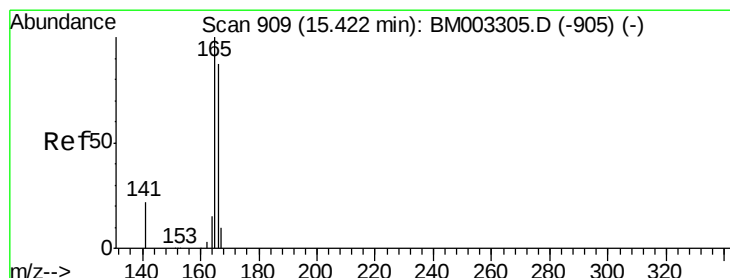
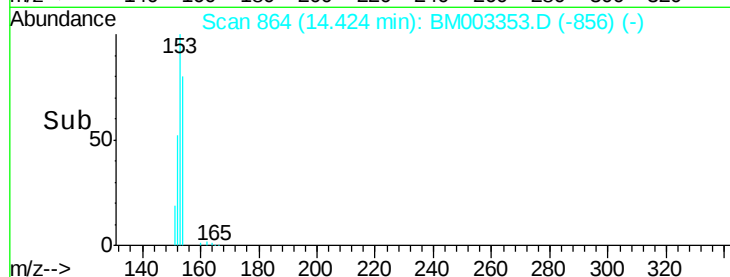
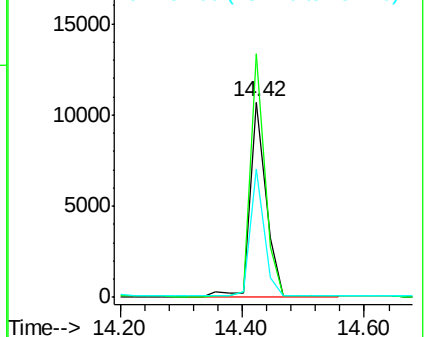
152 56.1 0.0 0.0#



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: 0.61 ng

RT: 15.42 min Scan# 909

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

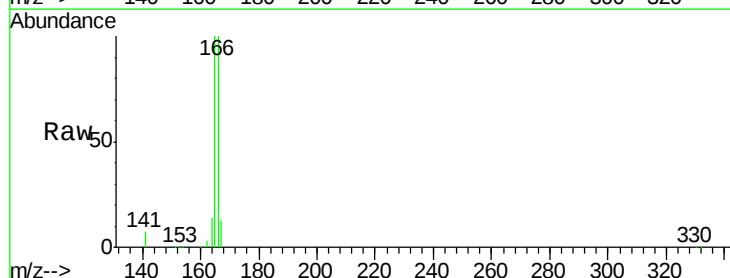
Tgt Ion:166 Resp: 23414

Ion Ratio Lower Upper

166 100

165 98.8 80.8 121.2

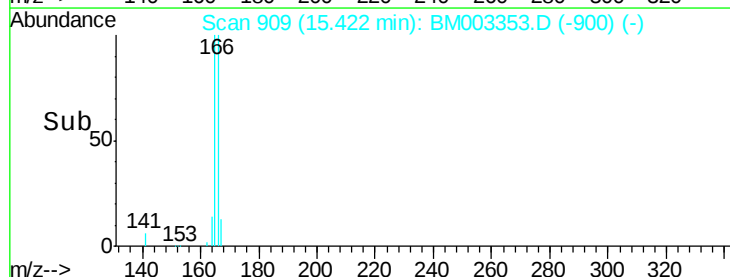
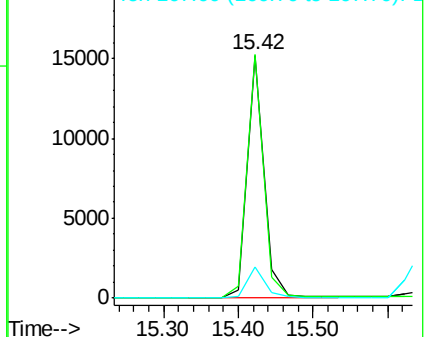
167 13.2 10.5 15.7

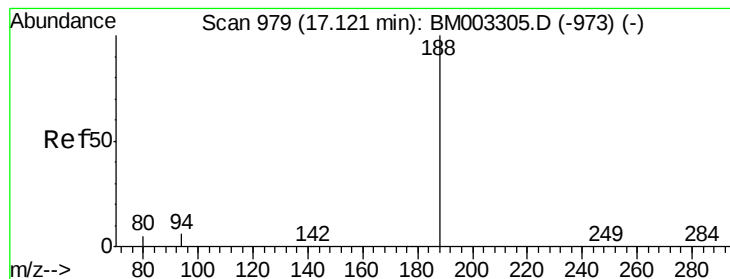


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.12 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

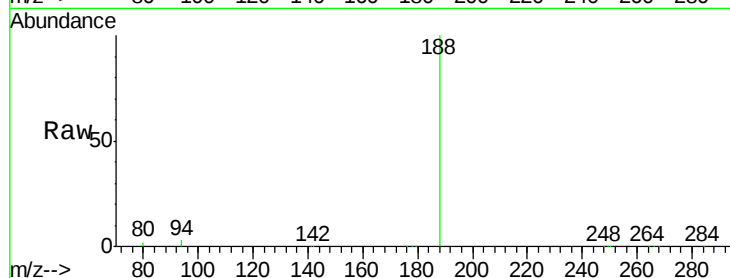
Tot Ion:188 Resp: 309102

Ion Ratio Lower Upper

188 100

94 2.8 1.8 2.6#

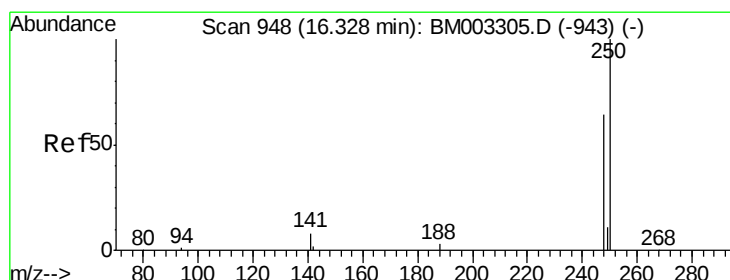
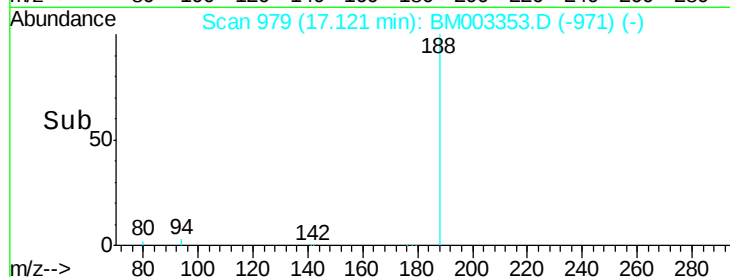
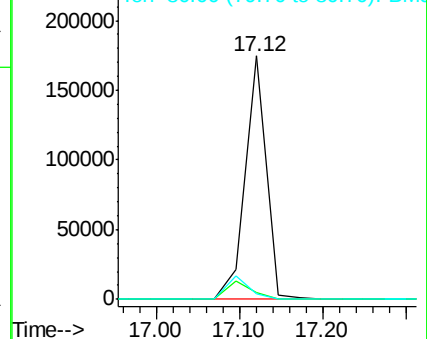
80 2.2 1.4 2.0#



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: 0.54 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

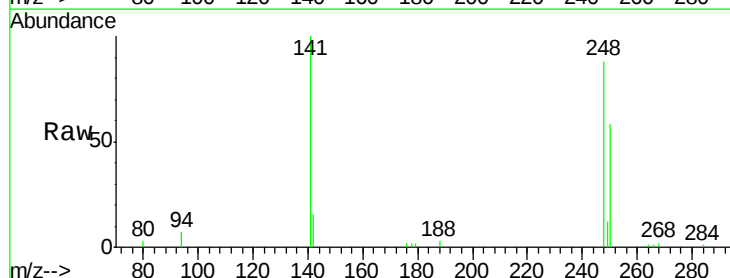
Tgt Ion:248 Resp: 5695

Ion Ratio Lower Upper

248 100

250 83.9 65.4 98.0

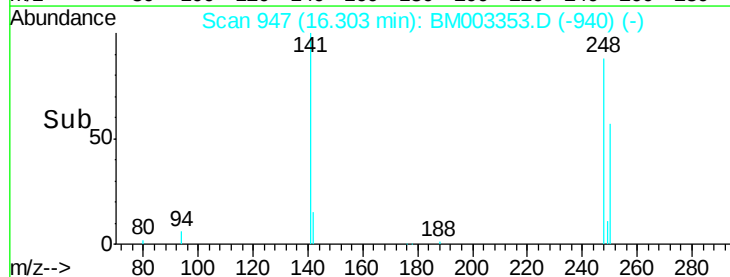
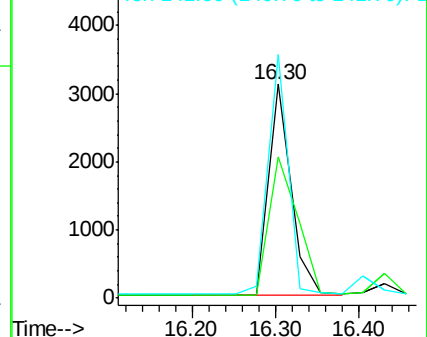
141 101.3 72.8 109.2

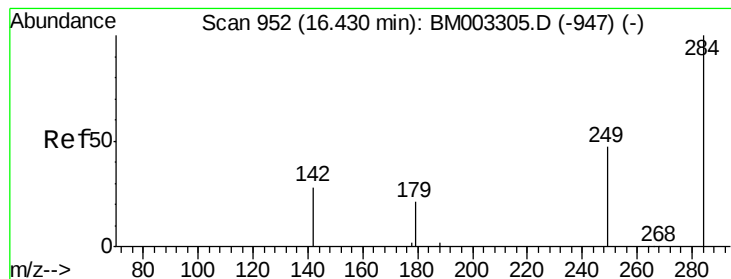


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.66 ng

RT: 16.43 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

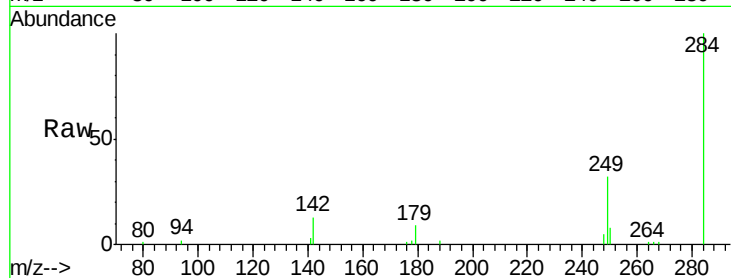
Tot Ion:284 Resp: 7169

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

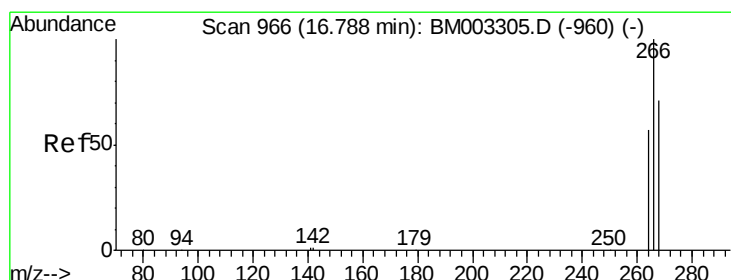
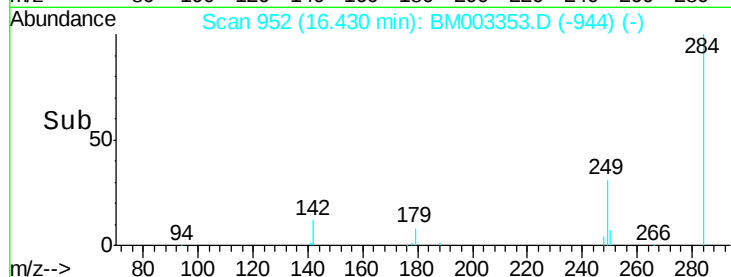
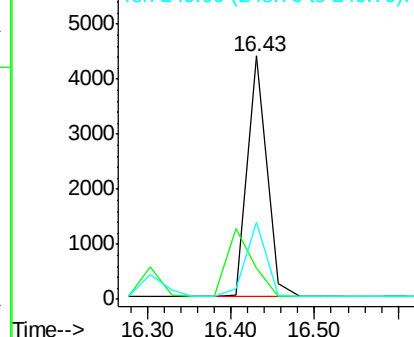
249 32.2 19.4 29.2#



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



#22

Pentachlorophenol

Concen: 0.32 ng

RT: 16.79 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

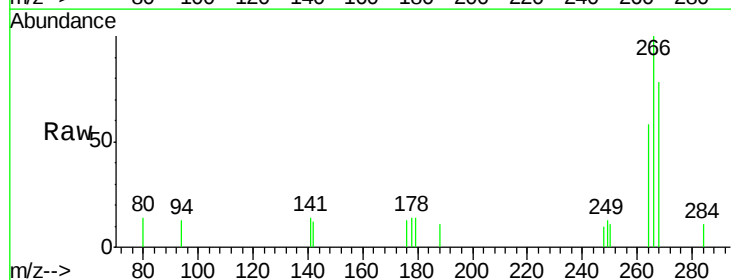
Tgt Ion:266 Resp: 1296

Ion Ratio Lower Upper

266 100

268 78.2 45.8 68.8#

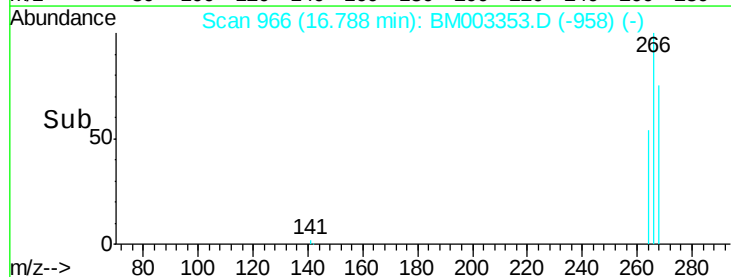
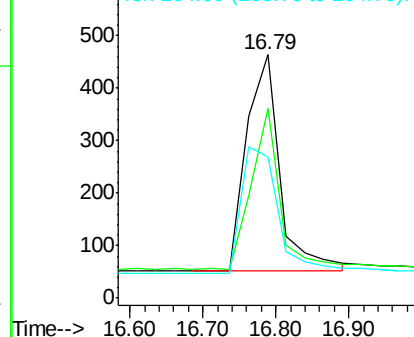
264 58.0 56.7 85.1

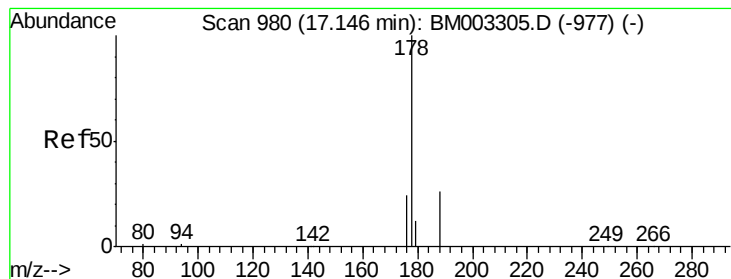


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.53 ng

RT: 17.15 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

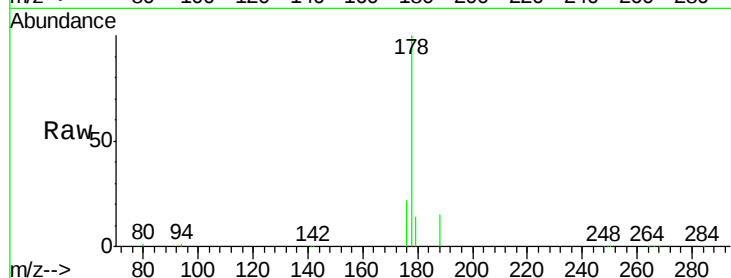
BNA_M

ClientSampleId :

SSTDIC0.5

Tot Ion:178 Resp: 37713

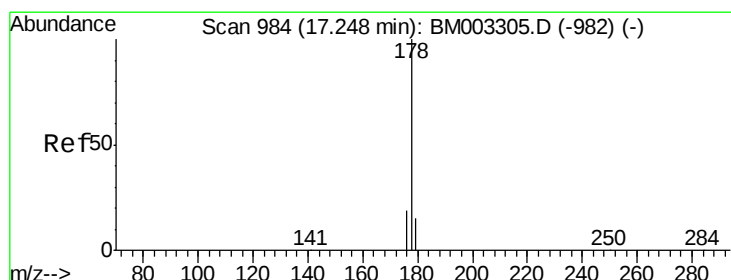
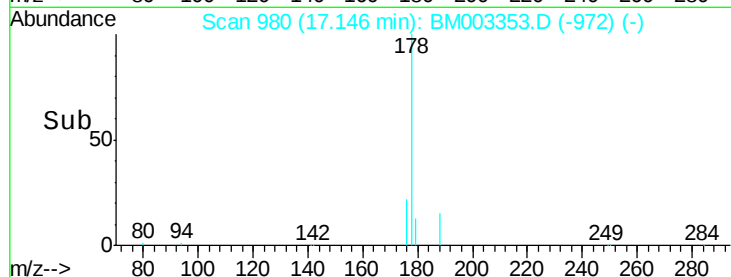
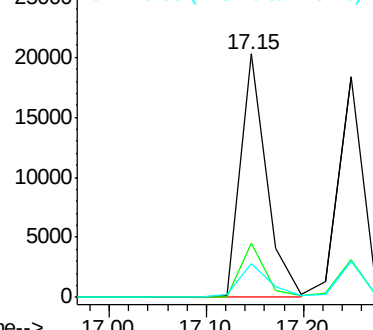
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	15.1	11.7	17.5



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: 0.55 ng

RT: 17.25 min Scan# 984

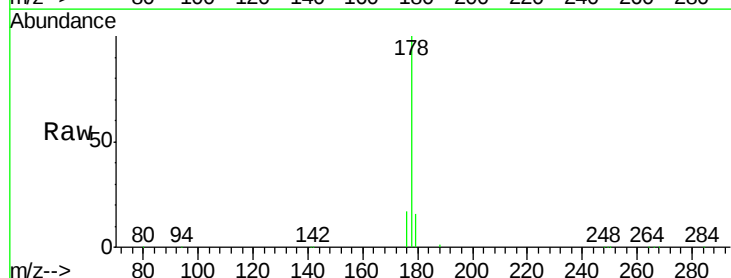
Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Tgt Ion:178 Resp: 31984

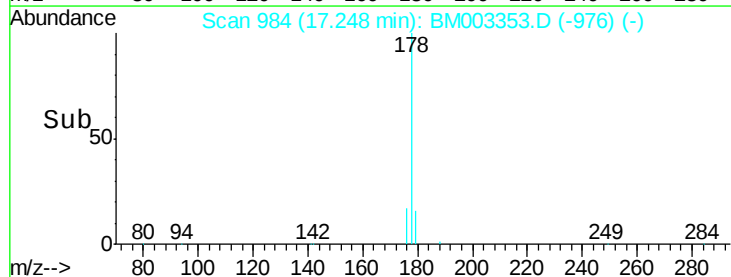
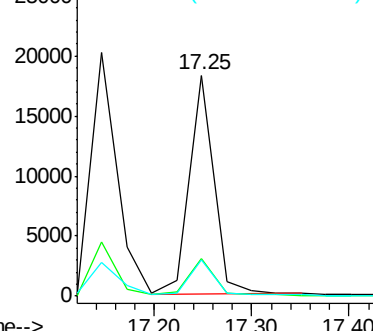
Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.1	21.1
179	15.8	12.8	19.2

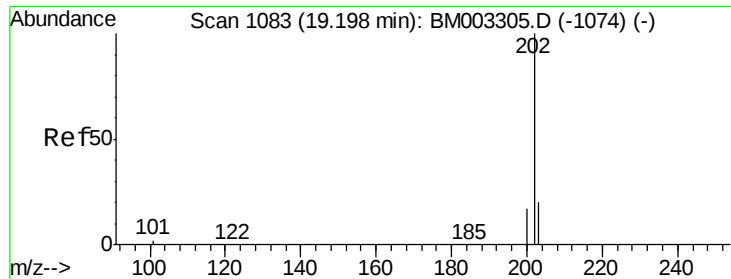


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.49 ng

RT: 19.18 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

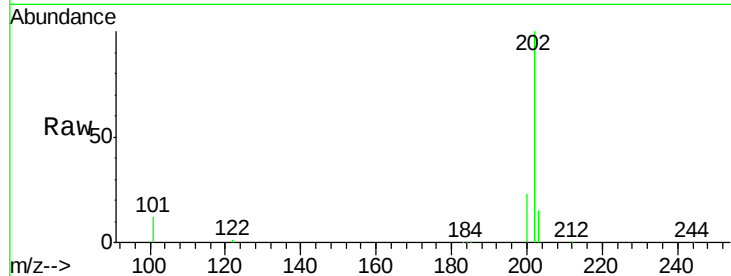
Tot Ion:202 Resp: 32976

Ion Ratio Lower Upper

202 100

101 11.7 9.9 14.9

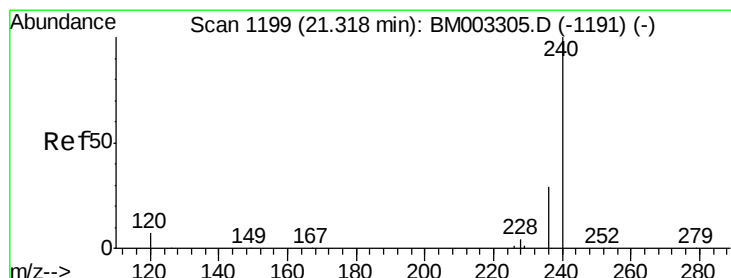
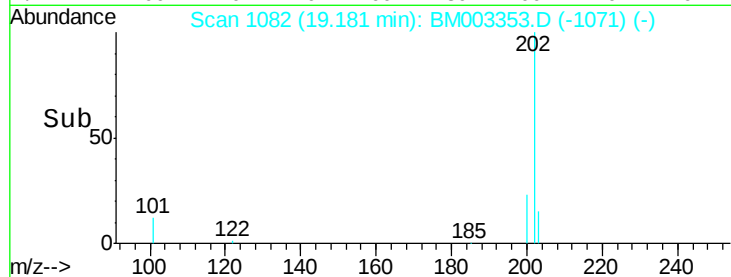
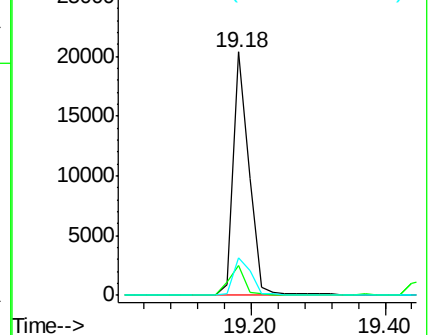
203 17.0 13.9 20.9



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: 21.32 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

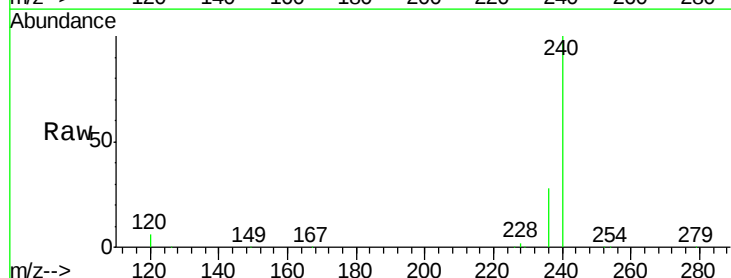
Tgt Ion:240 Resp: 226350

Ion Ratio Lower Upper

240 100

120 5.5 1.0 1.4#

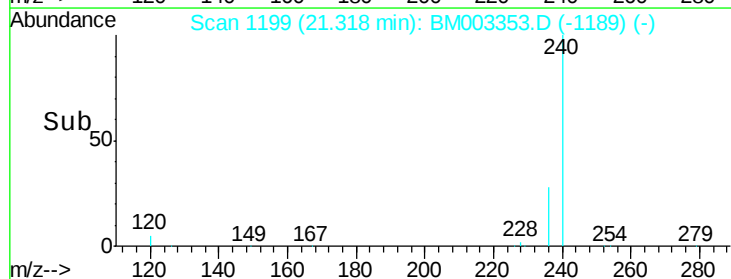
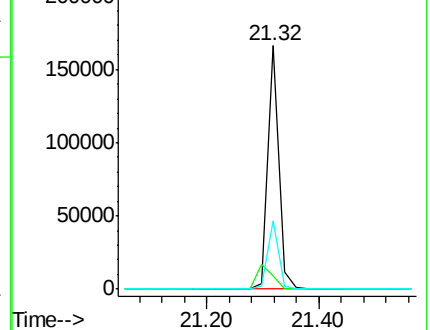
236 28.2 17.9 26.9#

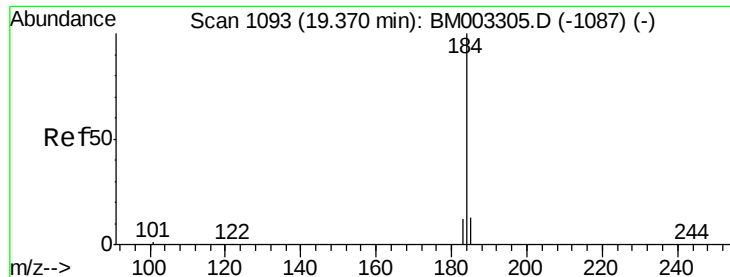


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

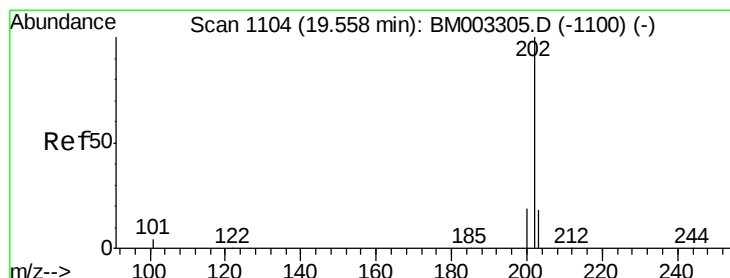
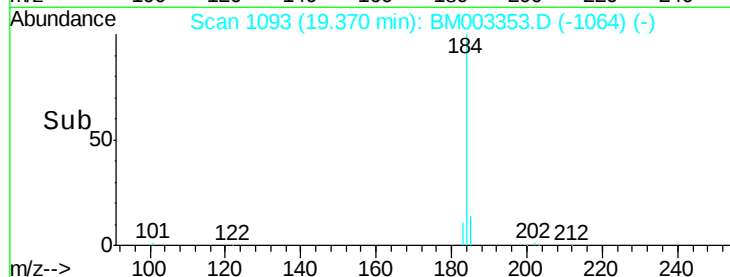
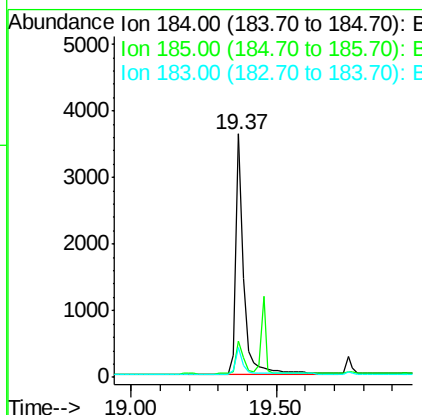
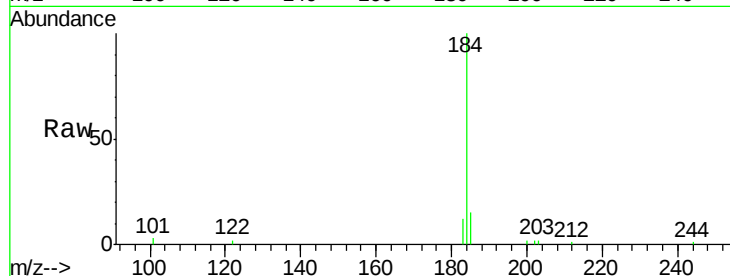




#27
Benzidine
Concen: 0.64 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

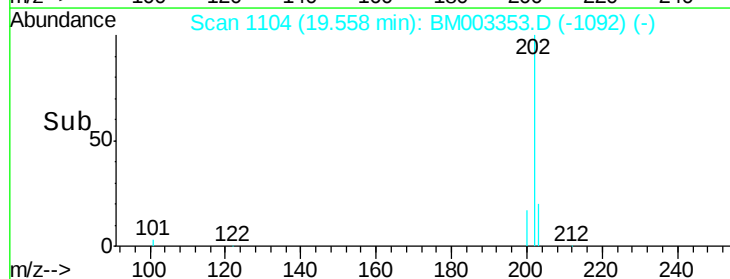
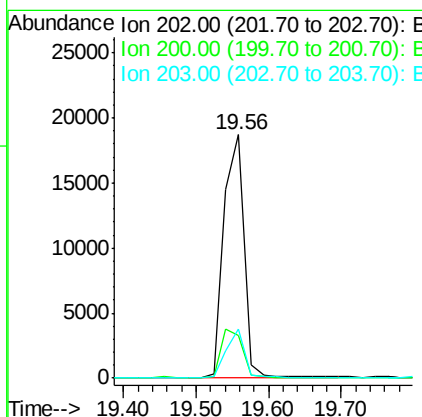
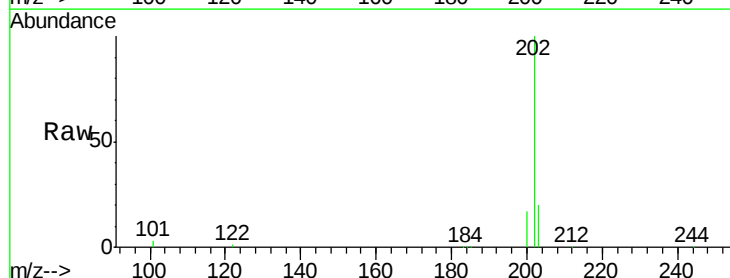
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

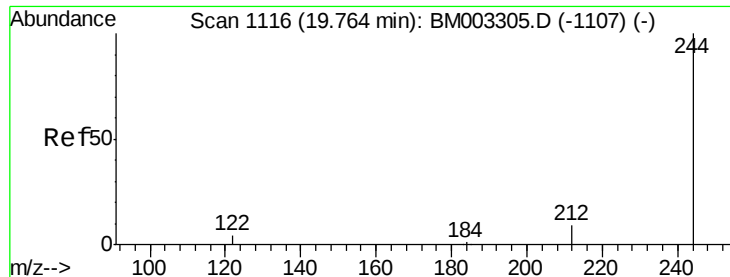
Tot Ion:184 Resp: 6693
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 12.5 8.6 13.0



#28
Pyrene
Concen: 0.52 ng
RT: 19.56 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:202 Resp: 35797
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 13.8 20.6





#29

Terphenyl-d14

Concen: 0.52 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

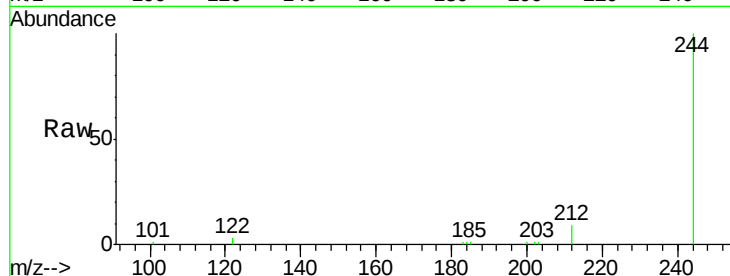
Tot Ion:244 Resp: 16288

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

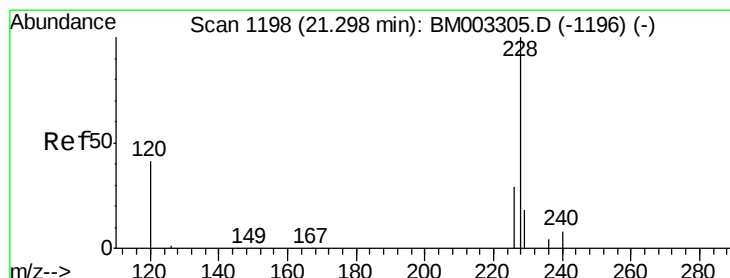
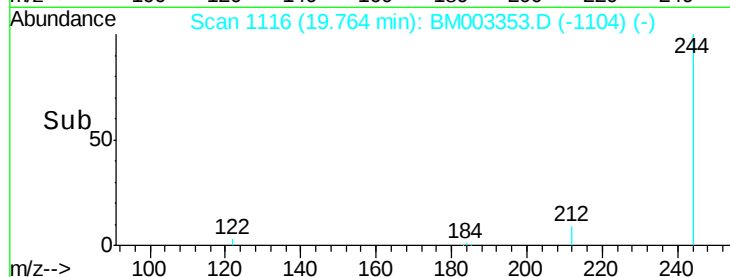
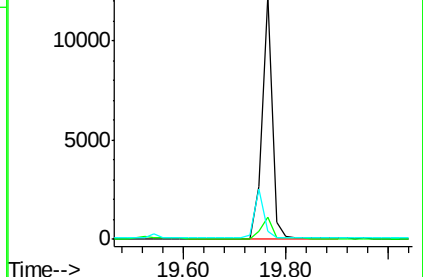
122 3.4 2.0 3.0#



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: 0.63 ng

RT: 21.30 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

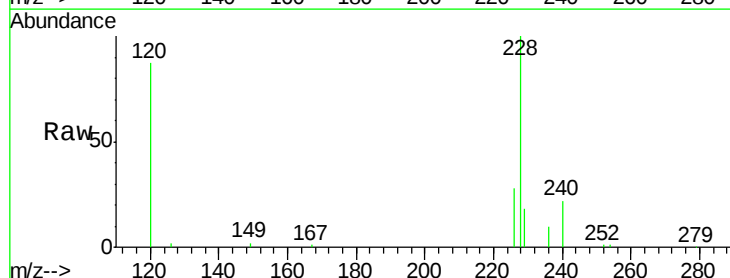
Tgt Ion:228 Resp: 36220

Ion Ratio Lower Upper

228 100

226 27.9 17.8 26.6#

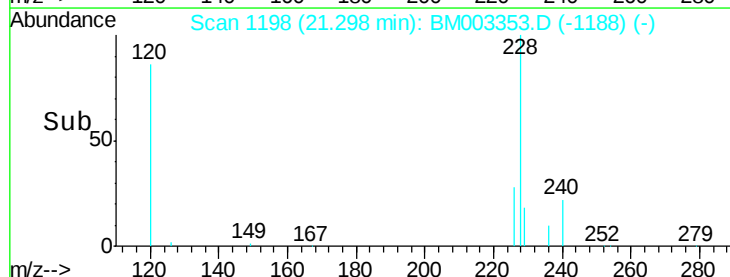
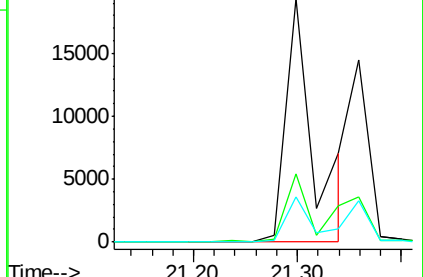
229 18.4 18.0 27.0

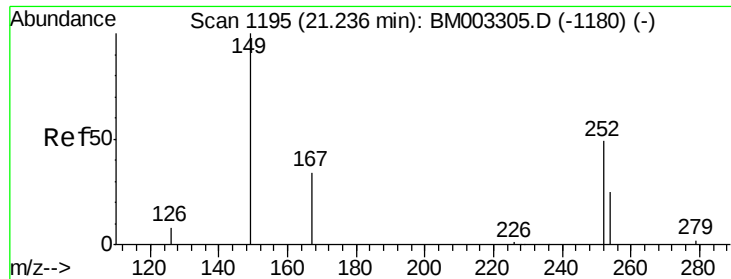


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

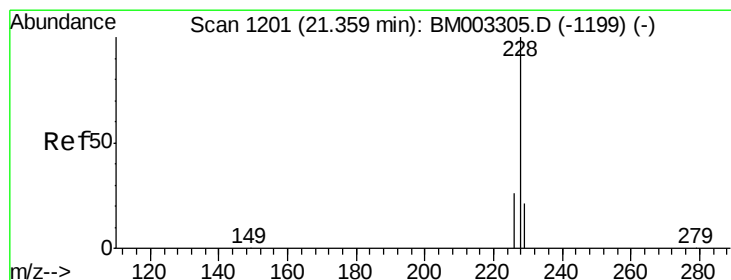
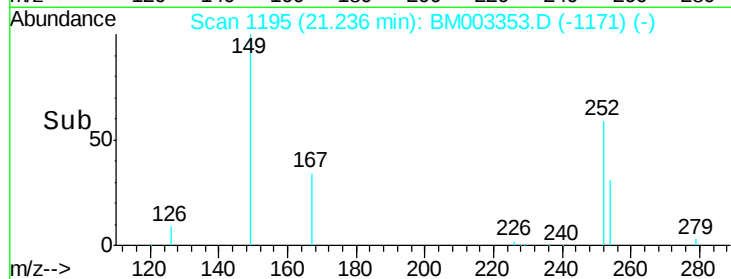
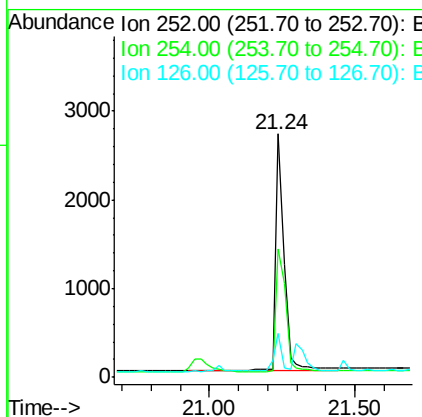
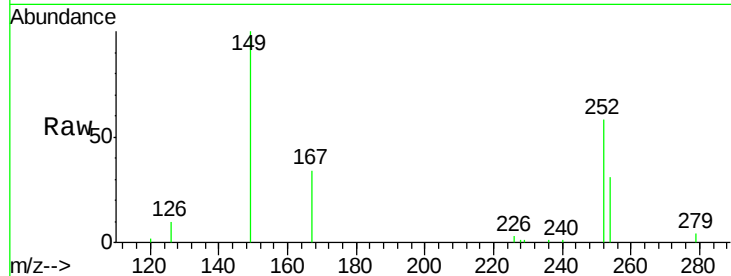




#31
 3,3'-Dichlorobenzidine
 Concen: 0.45 ng
 RT: 21.24 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BM003353.D
 Acq: 02 Dec 2015 12:28

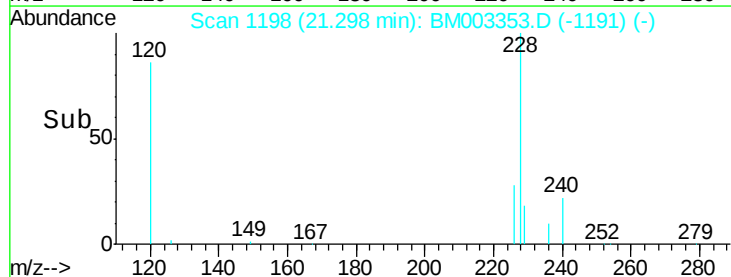
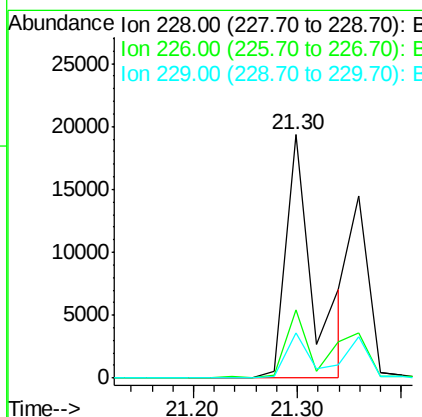
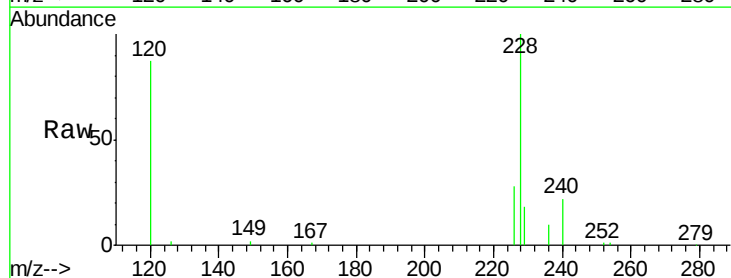
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

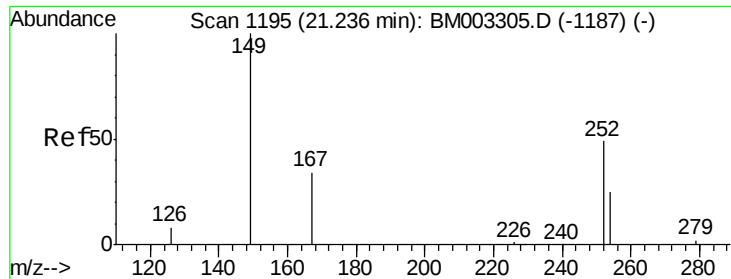
Tot Ion:252 Resp: 5469
 Ion Ratio Lower Upper
 252 100
 254 52.9 53.7 80.5#
 126 17.9 2.8 4.2#



#32
 Chrysene
 Concen: 0.53 ng
 RT: 21.30 min Scan# 1198
 Delta R.T. -0.06 min
 Lab File: BM003353.D
 Acq: 02 Dec 2015 12:28

Tgt Ion:228 Resp: 36220
 Ion Ratio Lower Upper
 228 100
 226 27.9 25.5 38.3
 229 18.4 14.3 21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

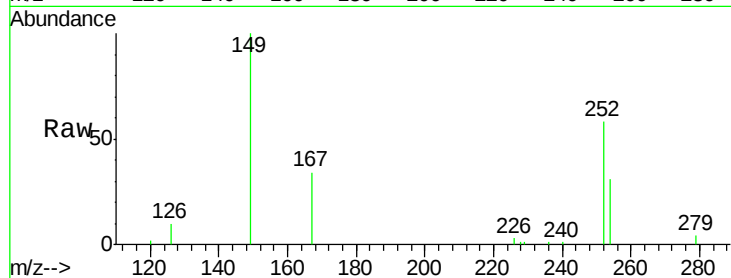
Tot Ion:149 Resp: 8115

Ion Ratio Lower Upper

149 100

167 28.4 19.6 29.4

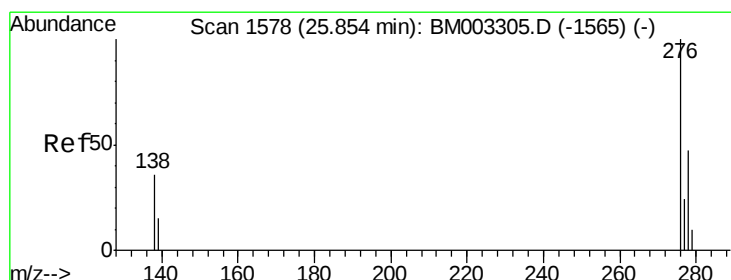
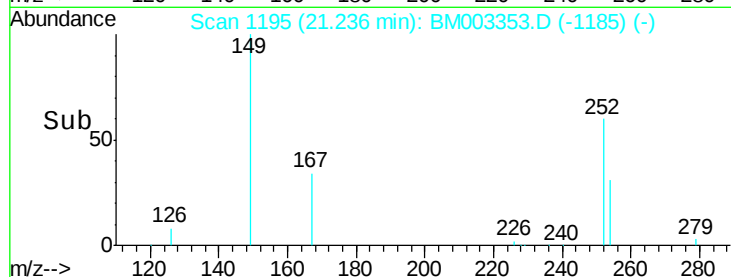
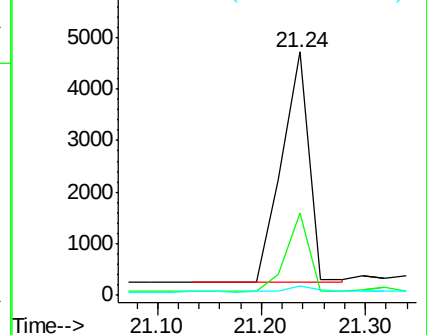
279 2.8 0.0 0.0#



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: 0.43 ng

RT: 25.85 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

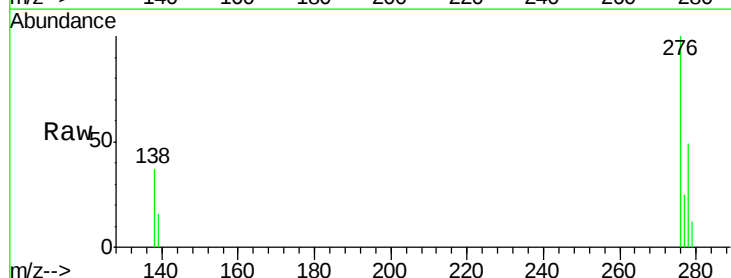
Tgt Ion:276 Resp: 22391

Ion Ratio Lower Upper

276 100

138 37.6 19.1 28.7#

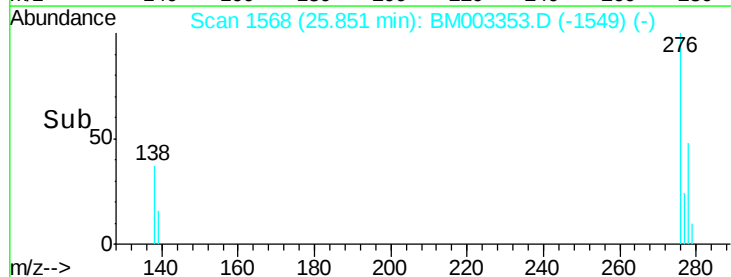
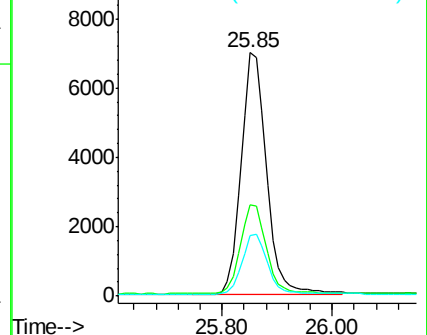
277 24.9 15.9 23.9#

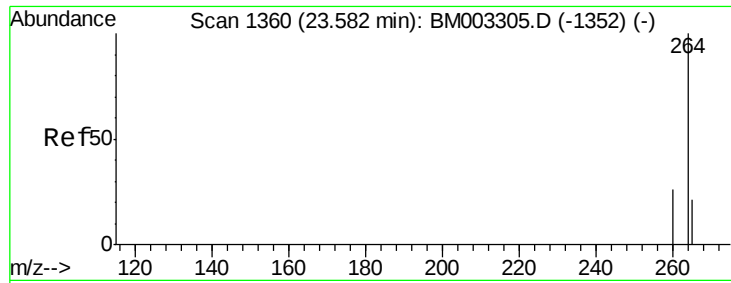


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

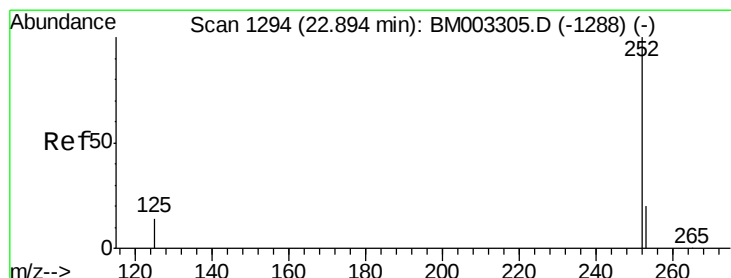
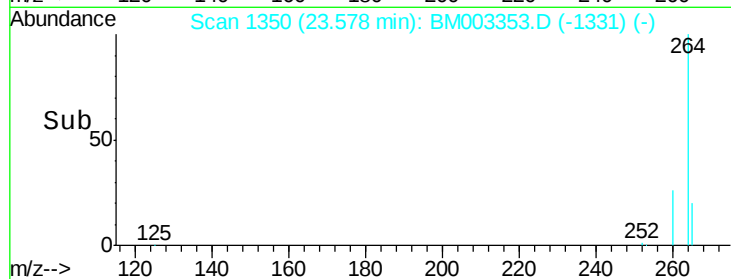
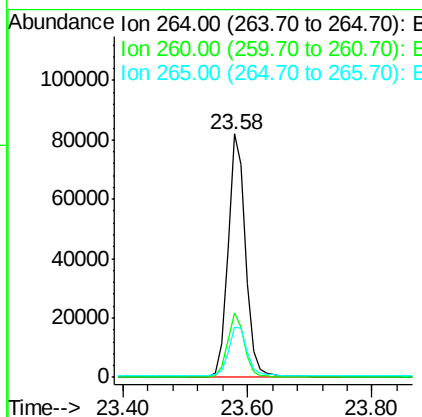
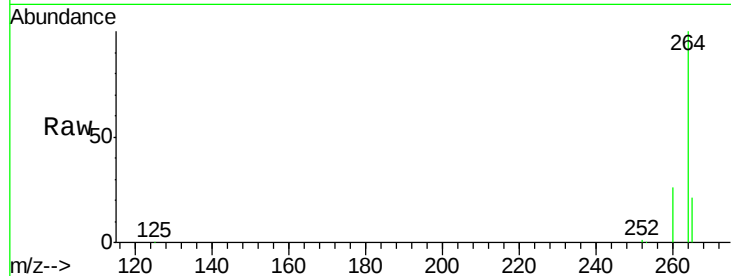




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BM003353.D
 Acq: 02 Dec 2015 12:28

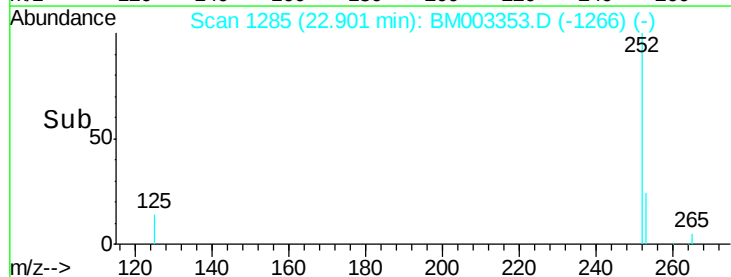
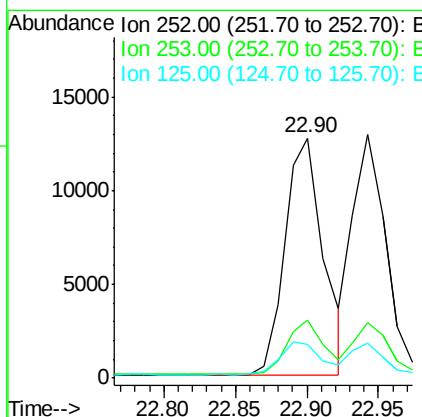
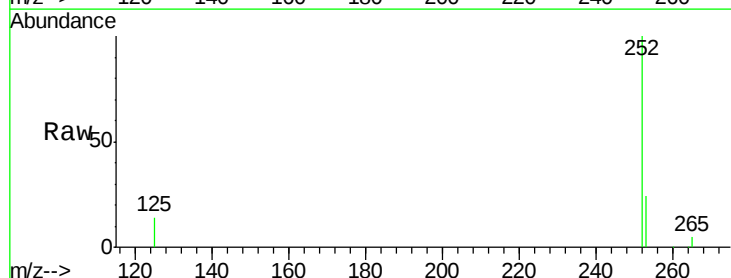
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

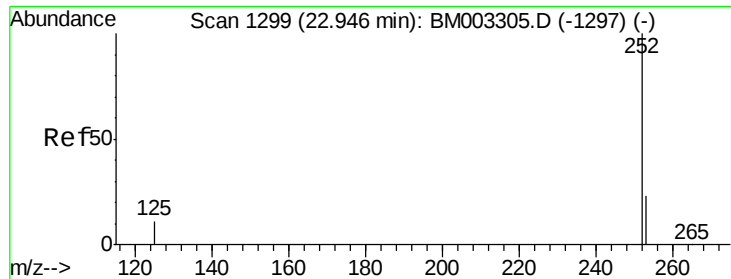
Tot Ion:264 Resp: 161620
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.6 29.4
 265 20.7 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.51 ng
 RT: 22.90 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BM003353.D
 Acq: 02 Dec 2015 12:28

Tgt Ion:252 Resp: 23861
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.2 27.4
 125 14.2 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.51 ng

RT: 22.94 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

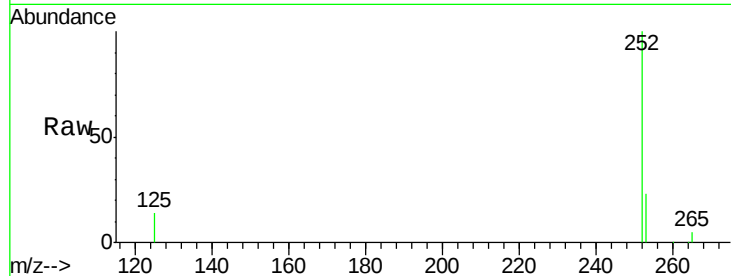
Tot Ion:252 Resp: 21305

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

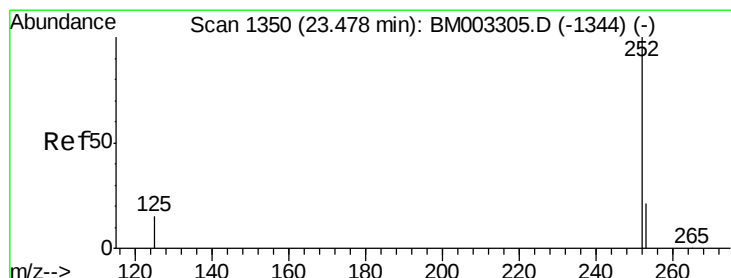
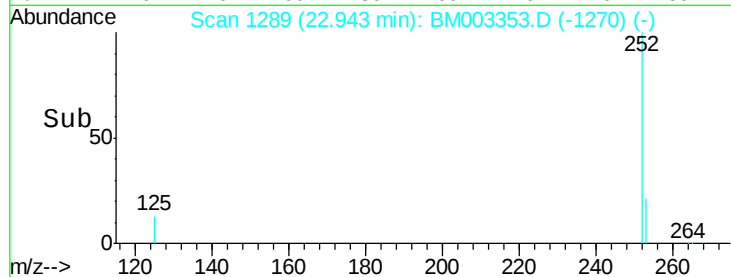
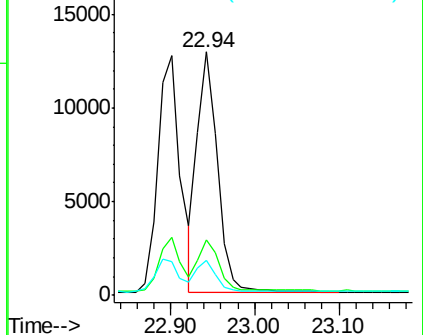
125 14.3 10.7 16.1



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



#38

Benzo(a)pyrene

Concen: 0.52 ng

RT: 23.47 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

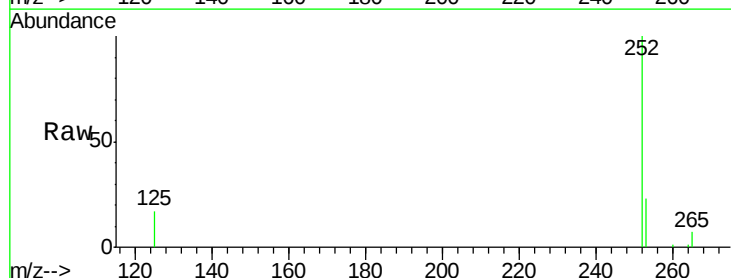
Tgt Ion:252 Resp: 19216

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

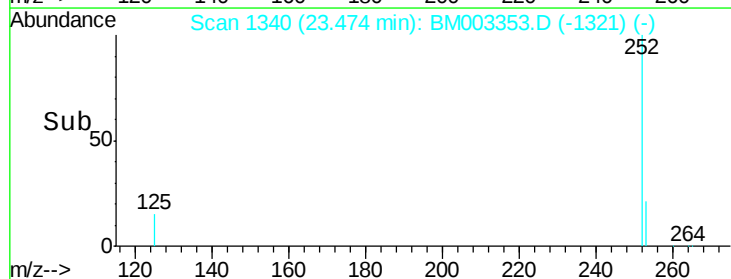
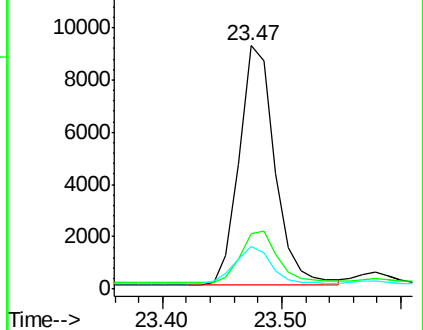
125 17.3 11.6 17.4

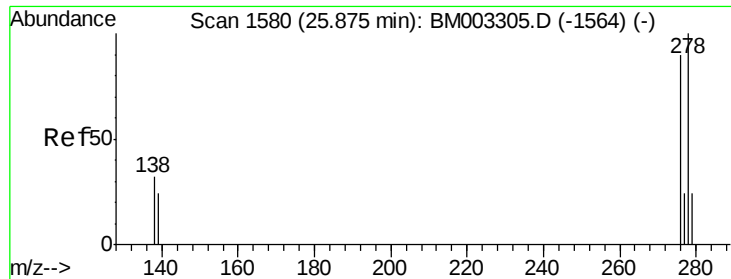


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.56 ng

RT: 25.87 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

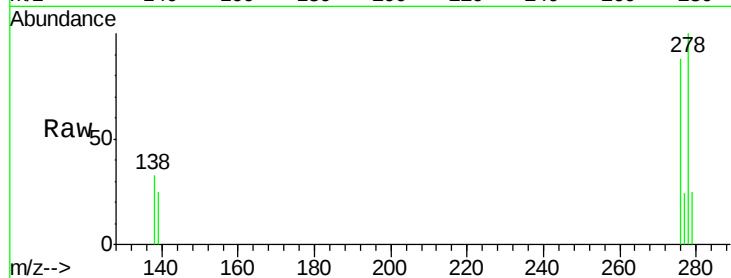
Tot Ion:278 Resp: 17974

Ion Ratio Lower Upper

278 100

139 25.0 18.2 27.4

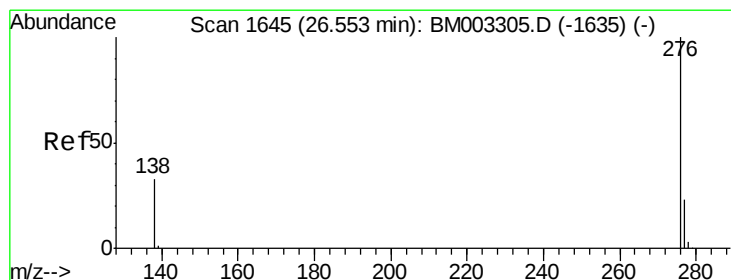
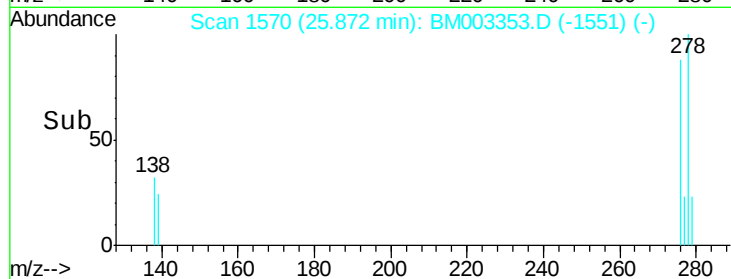
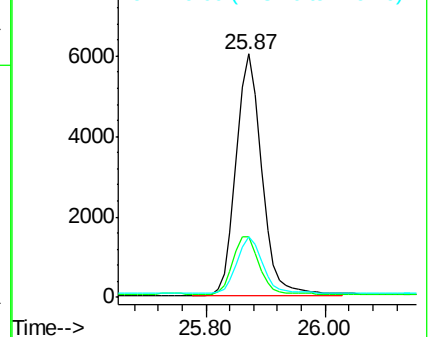
279 24.8 18.8 28.2



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: 0.50 ng

RT: 26.55 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BM003353.D

Acq: 02 Dec 2015 12:28

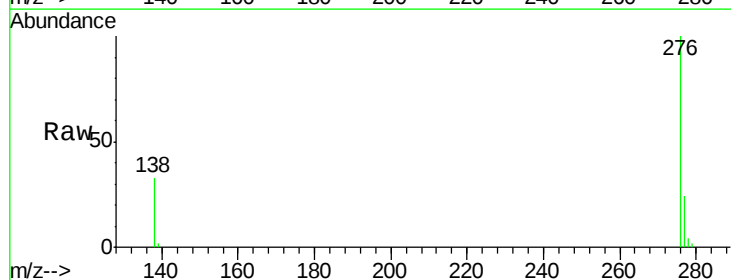
Tgt Ion:276 Resp: 19146

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 33.5 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

