

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121815\
 Data File : BM003610.D
 Acq On : 18 Dec 2015 13:06
 Operator : UM/SJ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Dec 18 16:16:58 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 16:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	60378	5.00	ng	-0.02
7) Naphthalene-d8	10.49	136	257652	5.00	ng	-0.02
13) Acenaphthene-d10	14.35	164	152414	5.00	ng	-0.02
19) Phenanthrene-d10	17.09	188	311932	5.00	ng	-0.03
26) Chrysene-d12	21.31	240	316380	5.00	ng	-0.02
35) Perylene-d12	23.56	264	235349	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	11754	0.98	ng	-0.02
5) Phenol-d6	6.88	99	14100	0.95	ng	0.00
8) Nitrobenzene-d5	8.86	82	12277	1.02	ng	-0.02
14) 2,4,6-Tribromophenol	15.86	330	3641	1.10	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	43070	0.94	ng	-0.02
29) Terphenyl-d14	19.74	244	44097	0.86	ng	-0.02

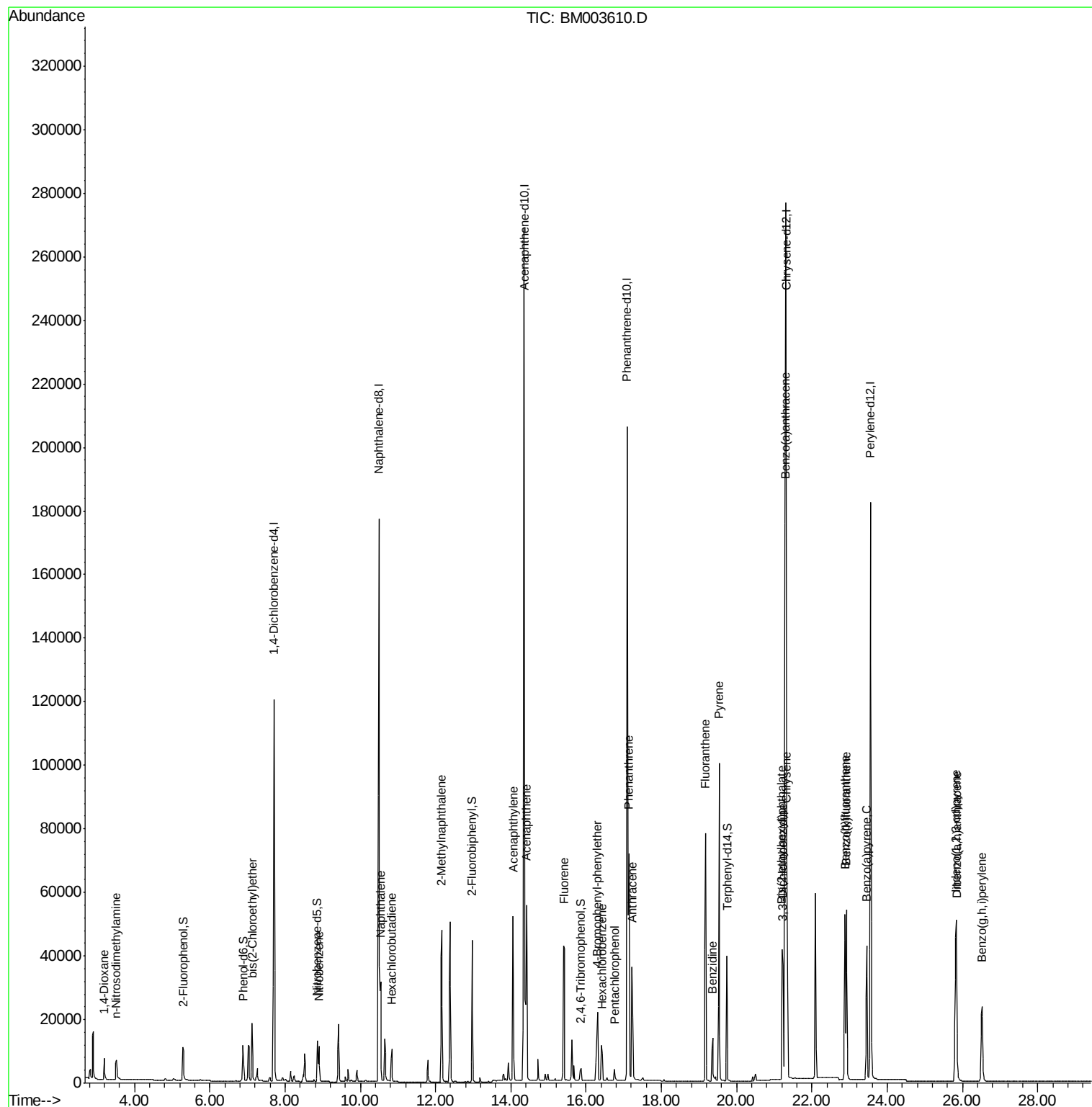
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	4923	0.91	ng	98
3) n-Nitrosodimethylamine	3.51	42	5645	1.01	ng	# 95
6) bis(2-Chloroethyl)ether	7.12	93	13205	0.92	ng	99
9) Nitrobenzene	8.90	77	13188	1.01	ng	97
10) Naphthalene	10.54	128	52670	0.95	ng	96
11) Hexachlorobutadiene	10.84	225	8509	1.00	ng	97
12) 2-Methylnaphthalene	12.16	142	37241	0.98	ng	94
16) Acenaphthylene	14.06	152	62474	1.04	ng	99
17) Acenaphthene	14.42	154	38866	0.97	ng	# 100
18) Fluorene	15.42	166	44744	0.98	ng	97
20) 4-Bromophenyl-phenylether	16.30	248	13602	1.51	ng	# 35
21) Hexachlorobenzene	16.42	284	13085	1.29	ng	# 51
22) Pentachlorophenol	16.76	266	3418	1.02	ng	98
23) Phenanthrene	17.14	178	87802	1.46	ng	96
24) Anthracene	17.22	178	63814	1.01	ng	96
25) Fluoranthene	19.17	202	87113	1.40	ng	99
27) Benzidine	19.36	184	24989	0.97	ng	97
28) Pyrene	19.53	202	94115	0.82	ng	100
30) Benzo(a)anthracene	21.29	228	84121m	0.99	ng	
31) 3,3'-Dichlorobenzidine	21.23	252	26199	1.10	ng	# 91
32) Chrysene	21.33	228	78772m	0.80	ng	
33) Bis(2-ethylhexyl)phthalate	21.21	149	45201	1.03	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.82	276	58016	0.79	ng	# 82
36) Benzo(b)fluoranthene	22.88	252	71306	1.00	ng	99
37) Benzo(k)fluoranthene	22.92	252	63600	0.99	ng	99
38) Benzo(a)pyrene	23.45	252	58778	1.00	ng	98
39) Dibenzo(a,h)anthracene	25.84	278	46160	0.86	ng	99
40) Benzo(g,h,i)perylene	26.52	276	47159	0.84	ng	96

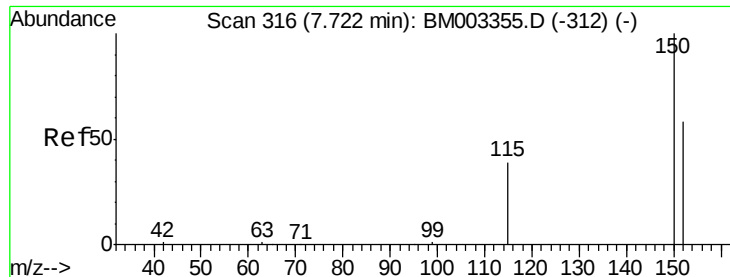
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 16:16:58 2015
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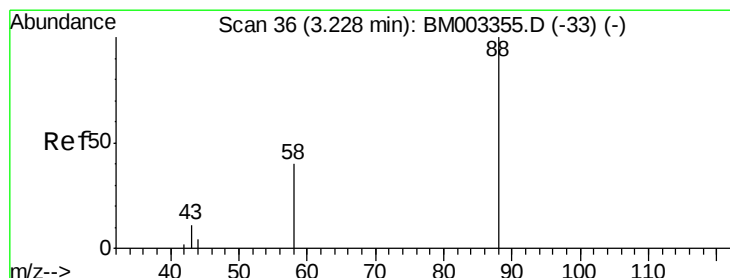
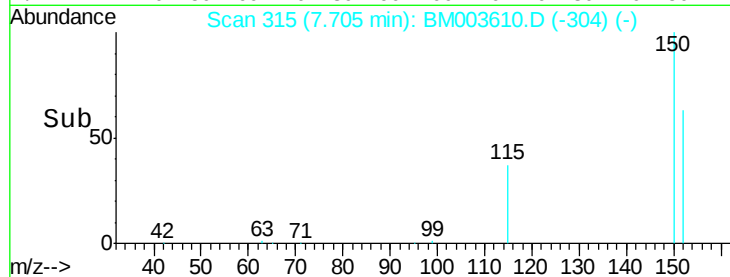
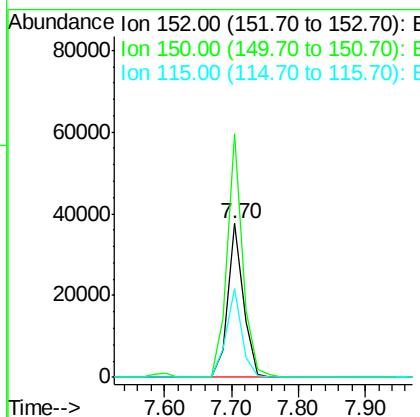
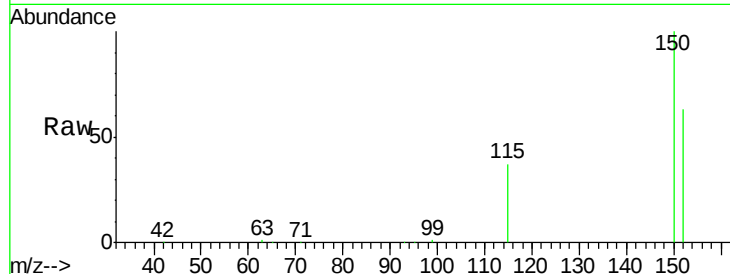




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.70 min Scan# 315
 Delta R.T. -0.02 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

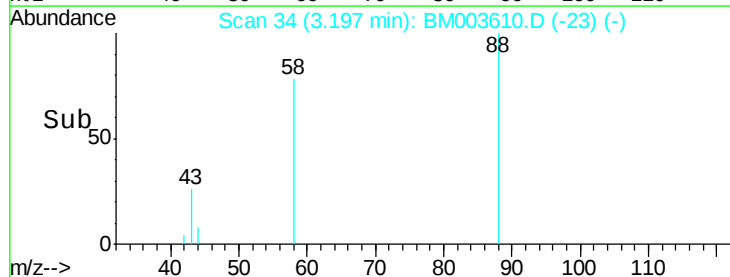
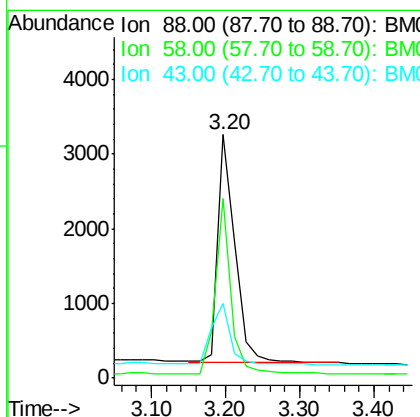
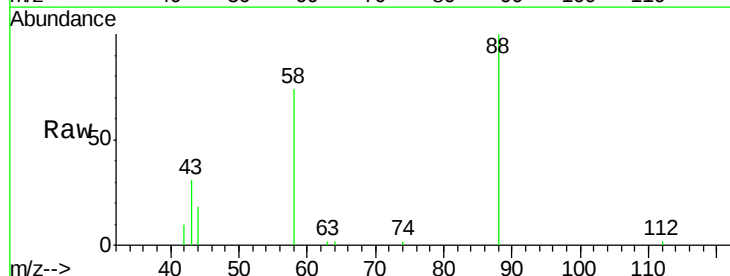
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

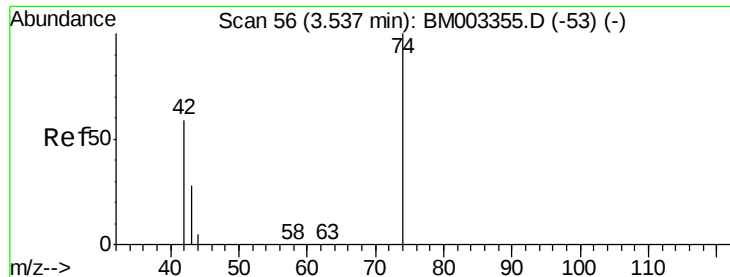
Tot Ion:152 Resp: 60378
 Ion Ratio Lower Upper
 152 100
 150 158.7 143.6 215.4
 115 58.3 58.5 87.7#



#2
 1,4-Dioxane
 Concen: 0.91 ng
 RT: 3.20 min Scan# 34
 Delta R.T. -0.03 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

Tgt Ion: 88 Resp: 4923
 Ion Ratio Lower Upper
 88 100
 58 67.7 55.2 82.8
 43 29.5 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

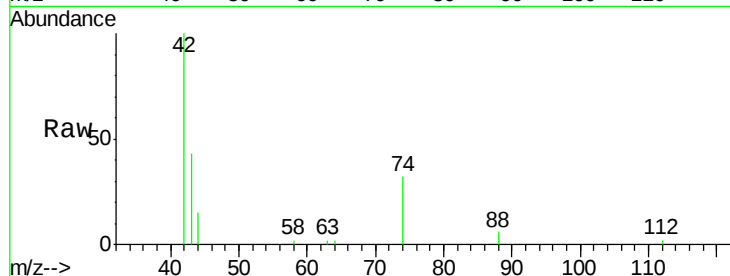
Tot Ion: 42 Resp: 5645

Ion Ratio Lower Upper

42 100

74 120.8 101.0 151.4

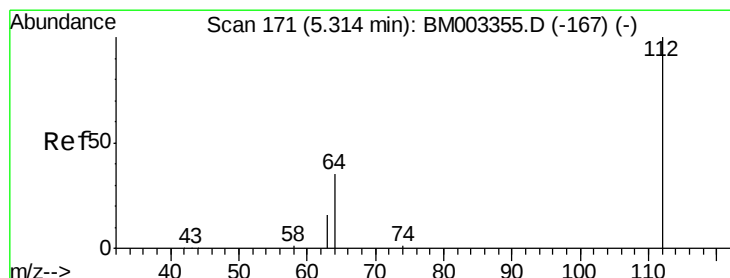
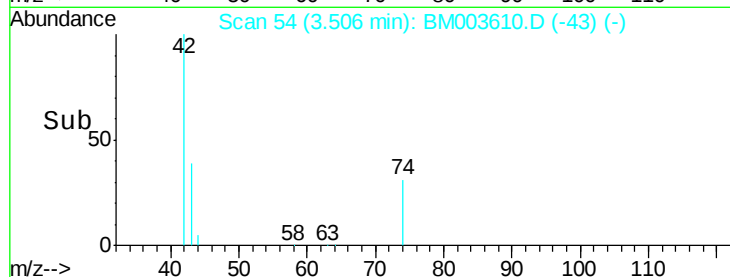
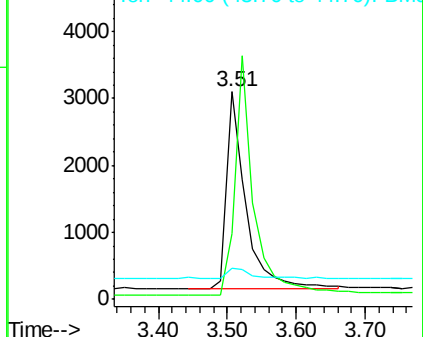
44 6.1 6.3 9.5#



Abundance Ion 42.00 (41.70 to 42.70): BM003355.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003355.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003355.D (-53) (-)



#4

2-Fluorophenol

Concen: 0.98 ng

RT: 5.30 min Scan# 170

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

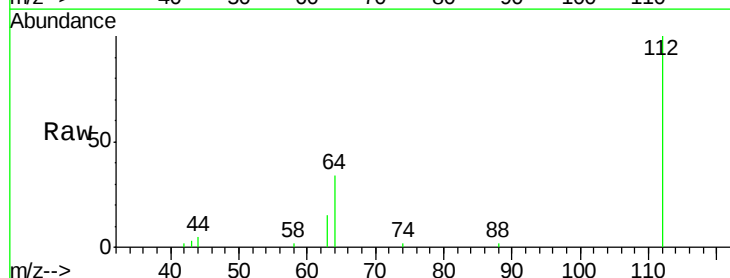
Tgt Ion: 112 Resp: 11754

Ion Ratio Lower Upper

112 100

64 50.4 41.2 61.8

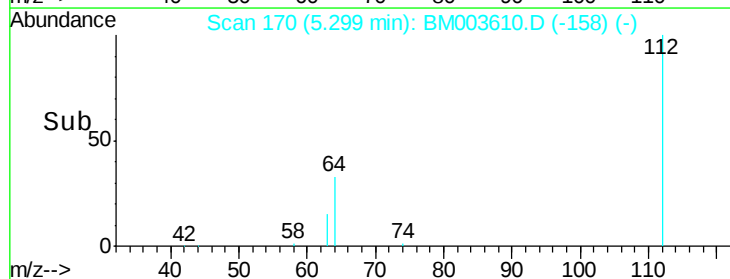
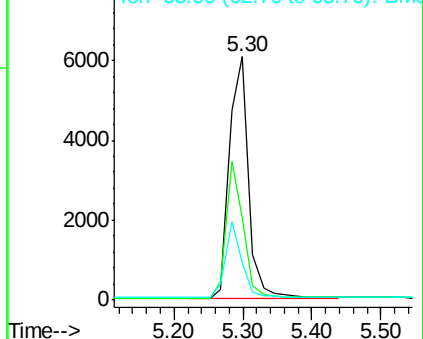
63 27.2 21.2 31.8

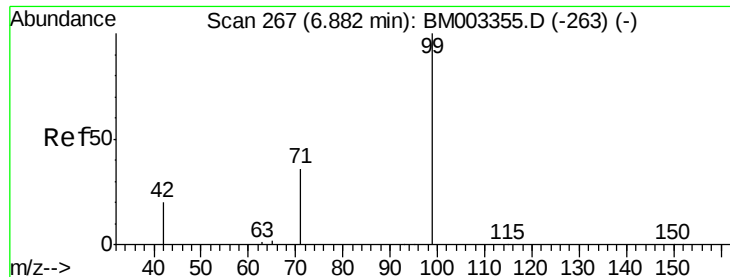


Abundance Ion 112.00 (111.70 to 112.70): BM003355.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003355.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003355.D (-167) (-)





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.00 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

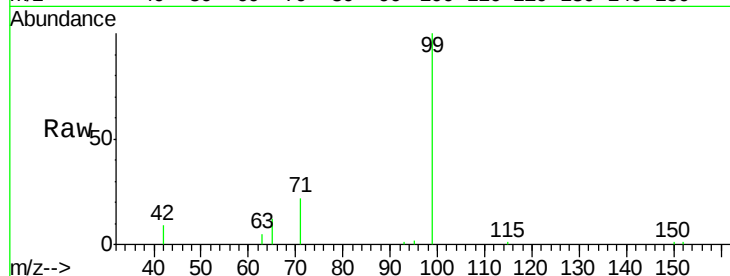
Tot Ion: 99 Resp: 14100

Ion Ratio Lower Upper

99 100

42 19.2 14.6 22.0

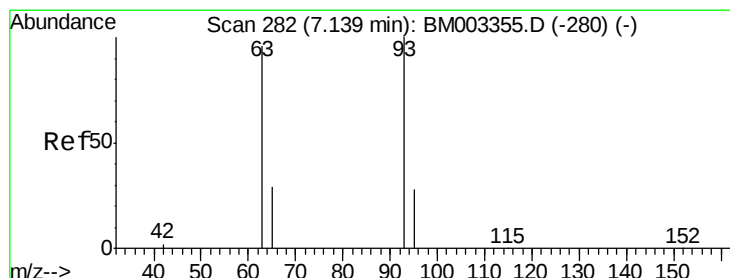
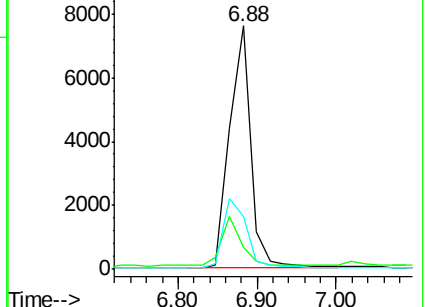
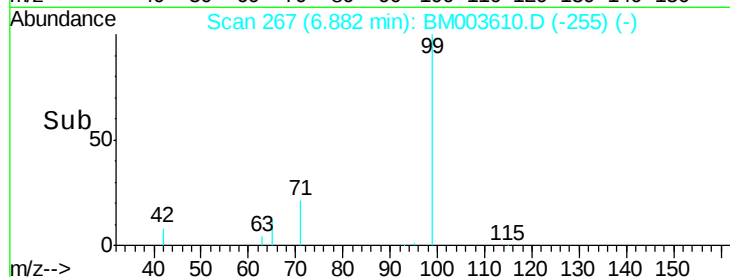
71 30.9 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003610.D (-255) (-)

Ion 42.00 (41.70 to 42.70): BM003610.D (-255) (-)

Ion 71.00 (70.70 to 71.70): BM003610.D (-255) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.92 ng

RT: 7.12 min Scan# 281

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

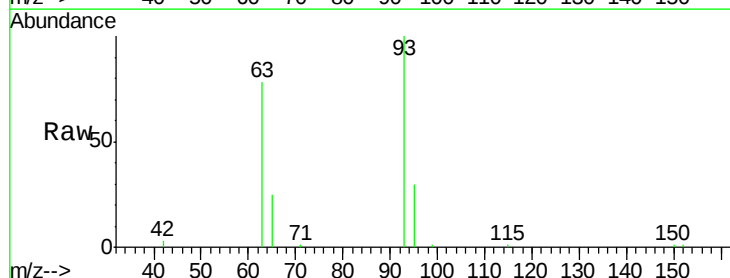
Tgt Ion: 93 Resp: 13205

Ion Ratio Lower Upper

93 100

63 72.0 58.2 87.4

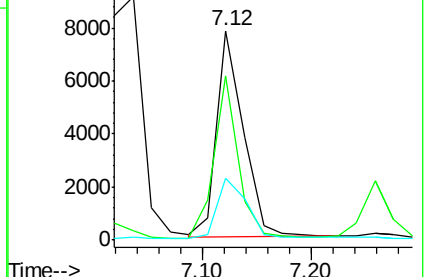
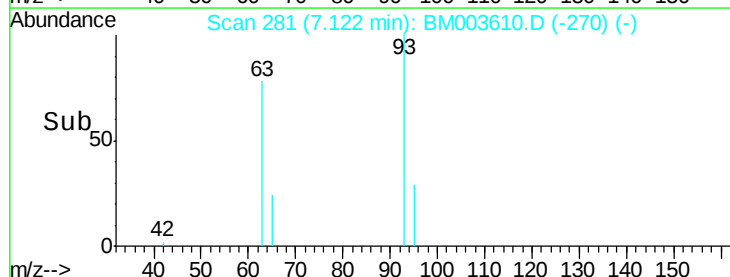
95 32.3 26.2 39.4

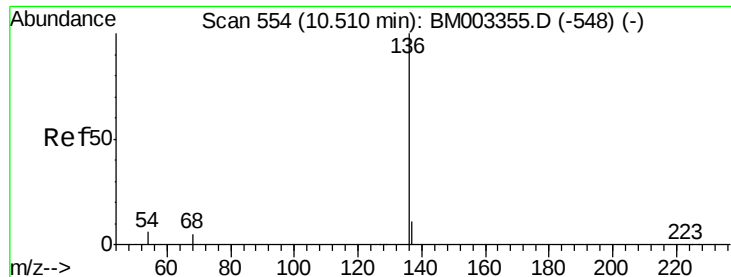


Abundance Ion 93.00 (92.70 to 93.70): BM003610.D (-270) (-)

Ion 63.00 (62.70 to 63.70): BM003610.D (-270) (-)

Ion 95.00 (94.70 to 95.70): BM003610.D (-270) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 257652

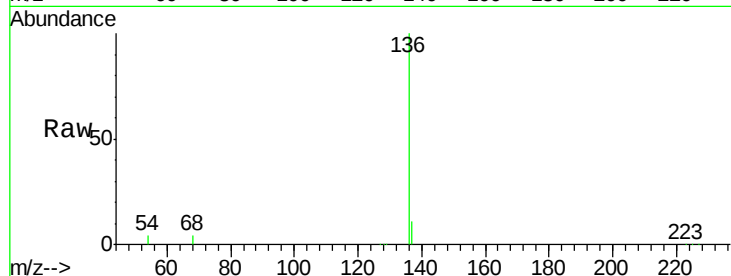
Ion Ratio Lower Upper

136 100

137 11.1 8.0 12.0

54 4.4 7.4 11.0#

68 3.7 5.8 8.6#

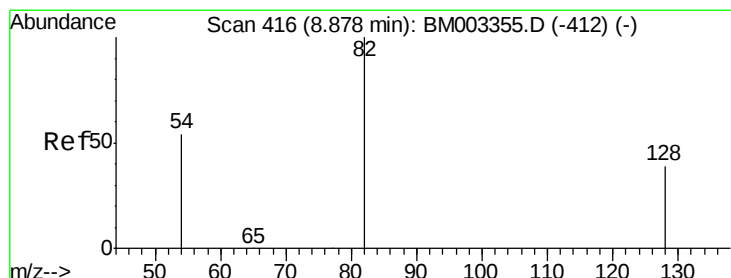
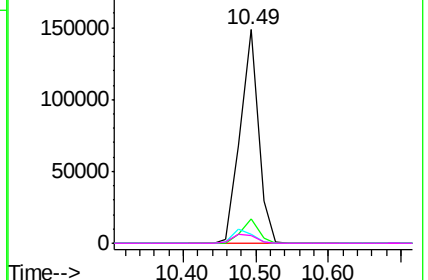
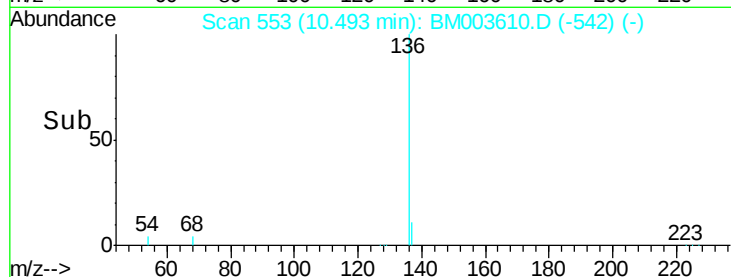


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.02 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

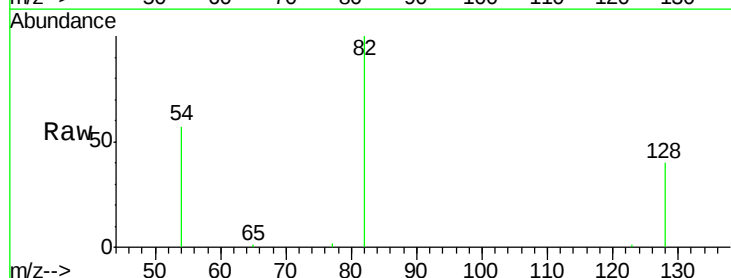
Tgt Ion: 82 Resp: 12277

Ion Ratio Lower Upper

82 100

128 39.8 35.2 52.8

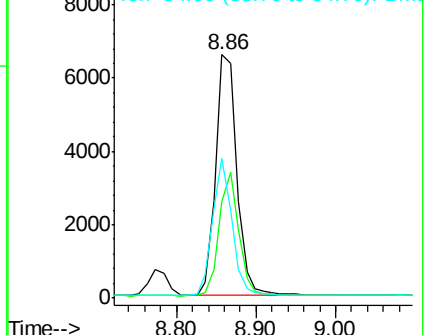
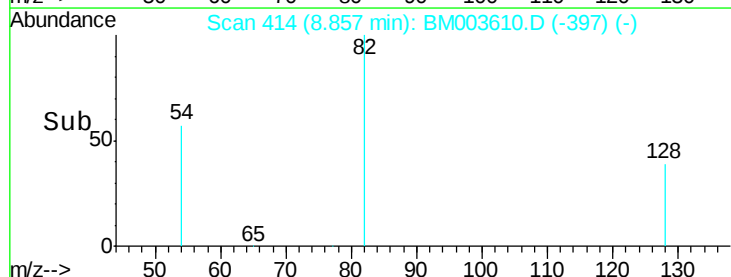
54 57.4 36.4 54.6#

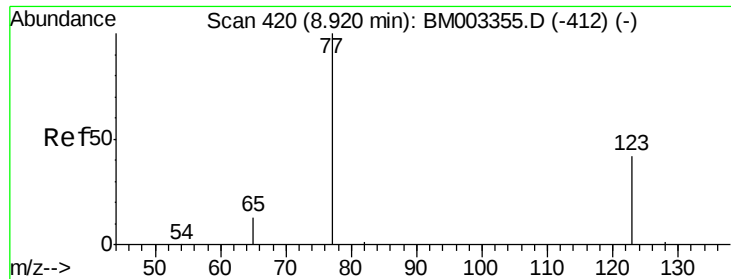


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.01 ng

RT: 8.90 min Scan# 418

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

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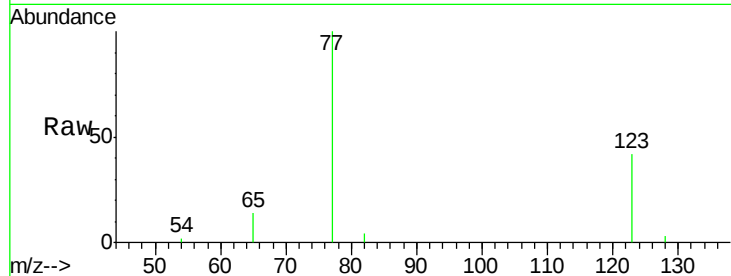
Tot Ion: 77 Resp: 13188

Ion Ratio Lower Upper

77 100

123 49.6 37.7 56.5

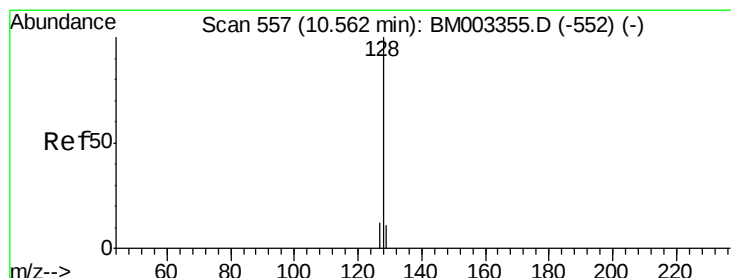
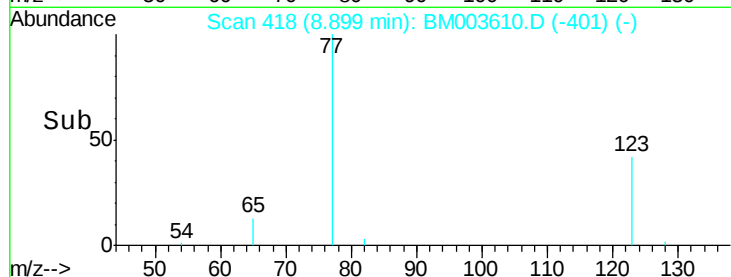
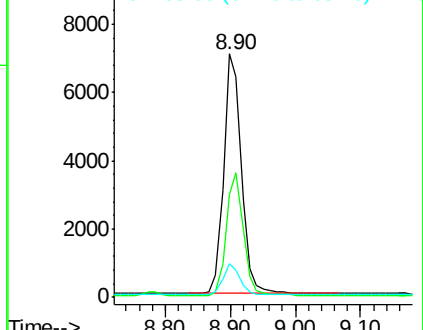
65 12.6 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003355.D (-412) (-)

Ion 123.00 (122.70 to 123.70): BM003355.D (-412) (-)

Ion 65.00 (64.70 to 65.70): BM003355.D (-412) (-)



#10

Naphthalene

Concen: 0.95 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

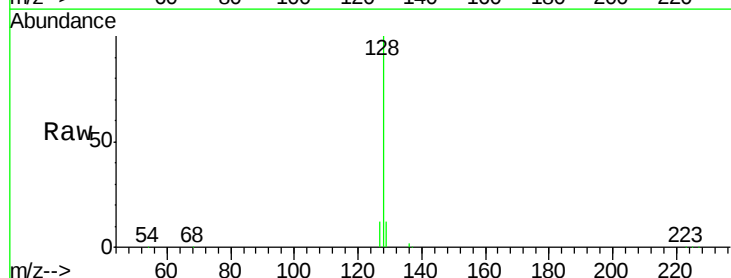
Tgt Ion: 128 Resp: 52670

Ion Ratio Lower Upper

128 100

129 11.9 8.5 12.7

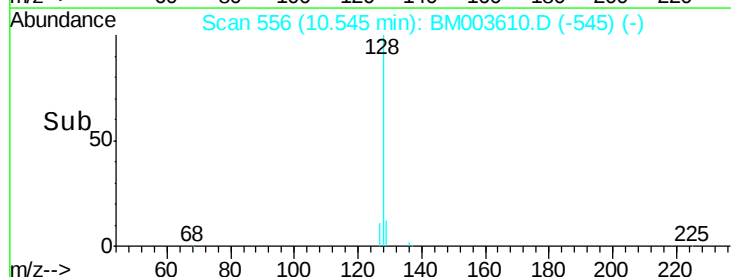
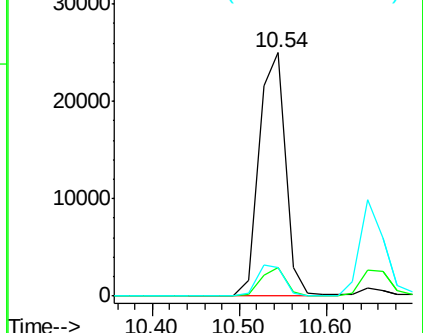
127 11.6 10.6 16.0

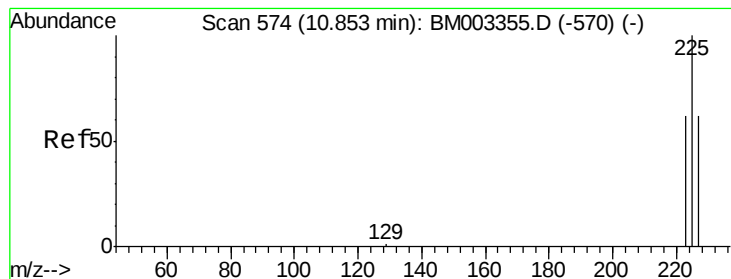


Abundance Ion 128.00 (127.70 to 128.70): BM003355.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM003355.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003355.D (-552) (-)





#11

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.84 min Scan# 573

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

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SSTDCCC001

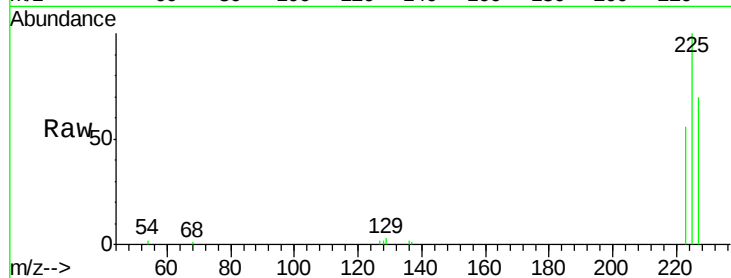
Tot Ion:225 Resp: 8509

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.4

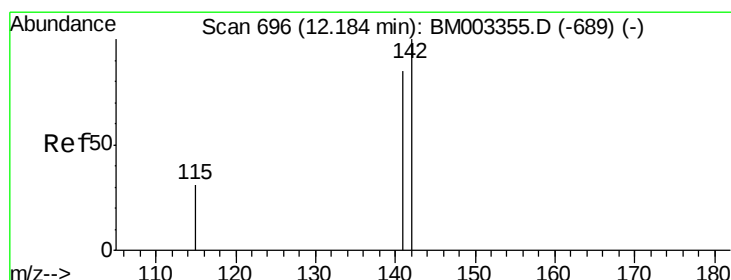
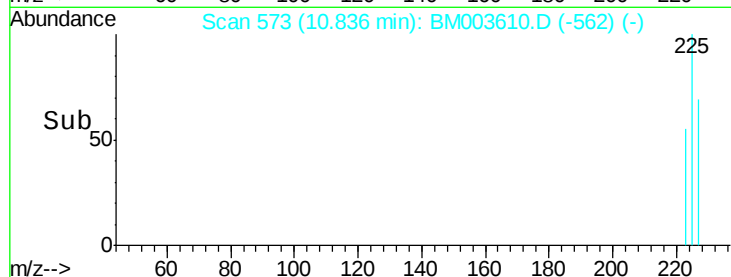
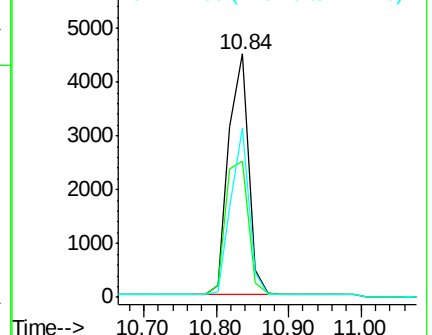
227 63.7 52.2 78.4



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: 0.98 ng

RT: 12.16 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

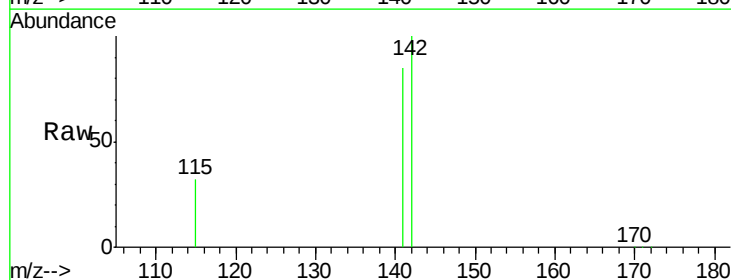
Tgt Ion:142 Resp: 37241

Ion Ratio Lower Upper

142 100

141 85.0 72.2 108.2

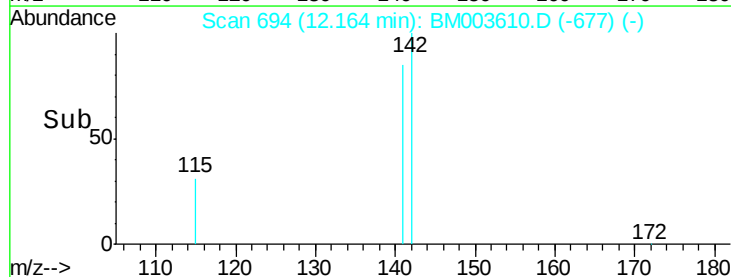
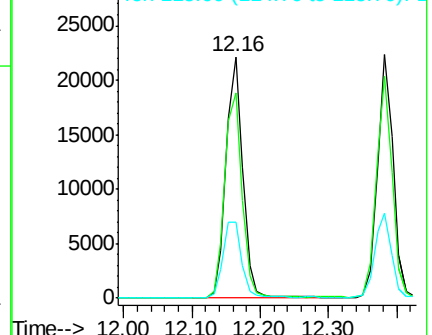
115 31.5 28.0 42.0

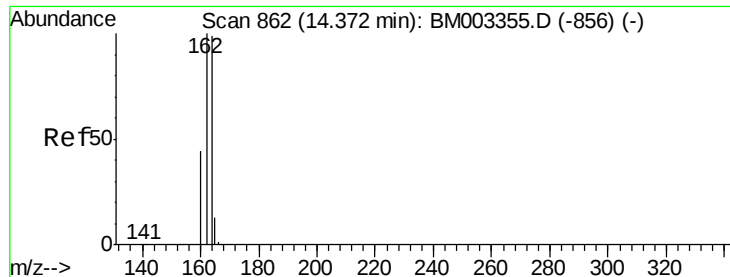


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.35 min Scan# 861

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

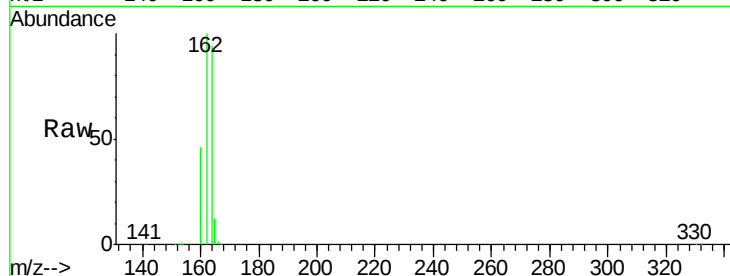
Tot Ion:164 Resp: 152414

Ion Ratio Lower Upper

164 100

162 106.4 78.3 117.5

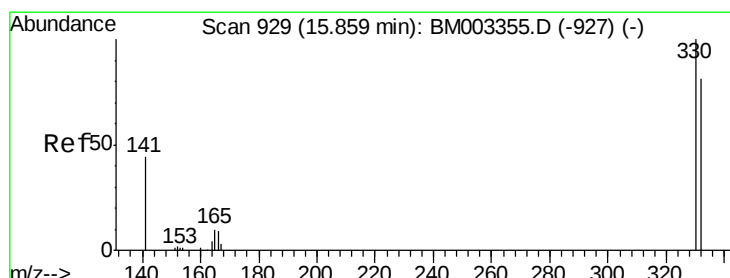
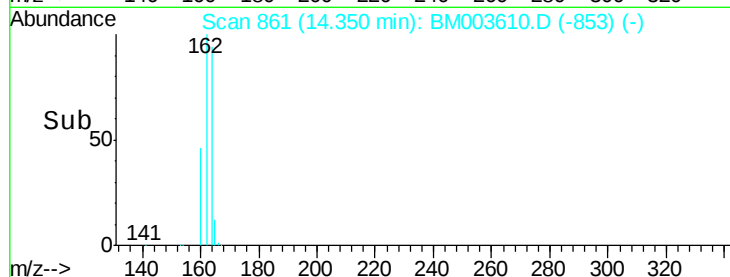
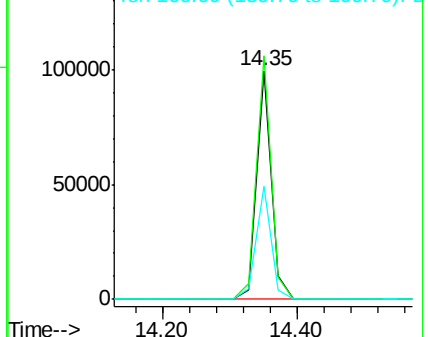
160 49.4 33.8 50.6



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: 1.10 ng

RT: 15.86 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

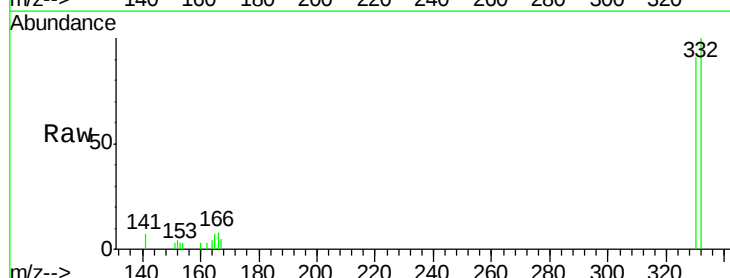
Tgt Ion:330 Resp: 3641

Ion Ratio Lower Upper

330 100

332 98.8 76.0 114.0

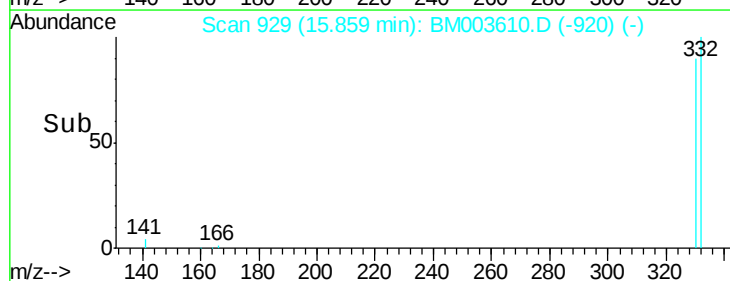
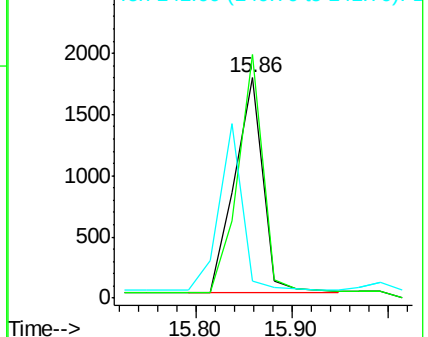
141 0.0 0.0 0.0

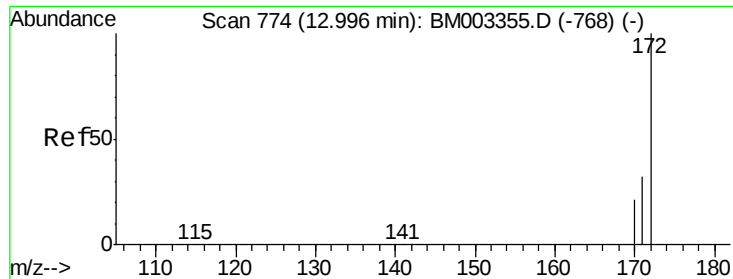


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

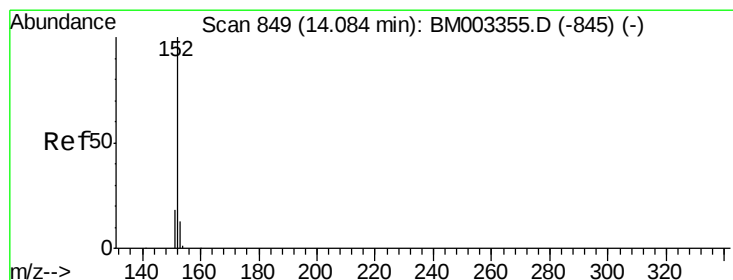
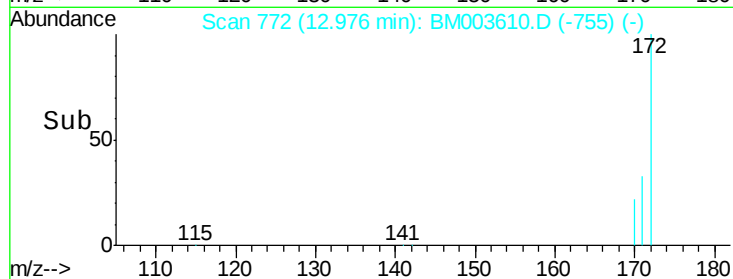
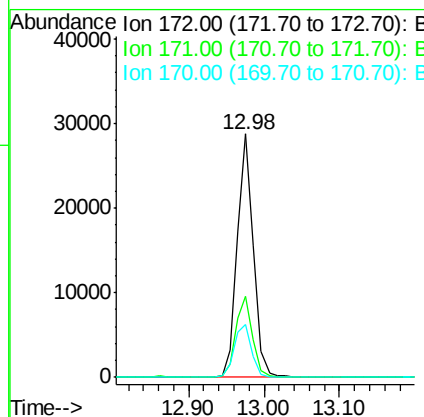
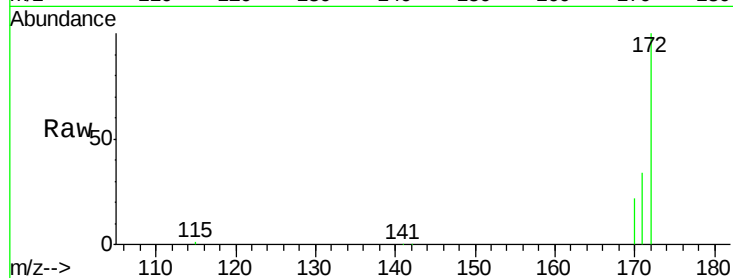




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.98 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM003610.D
Acq: 18 Dec 2015 13:06

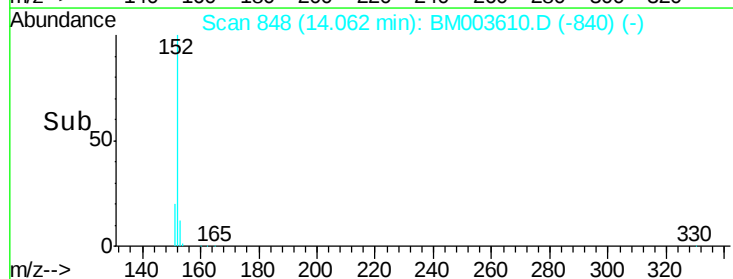
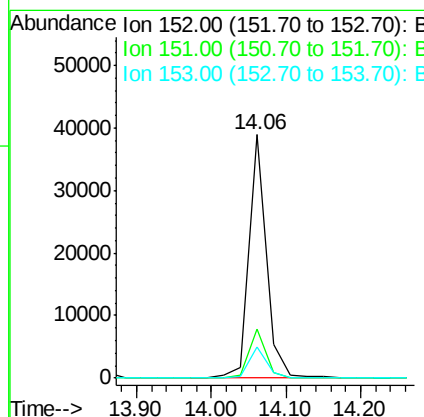
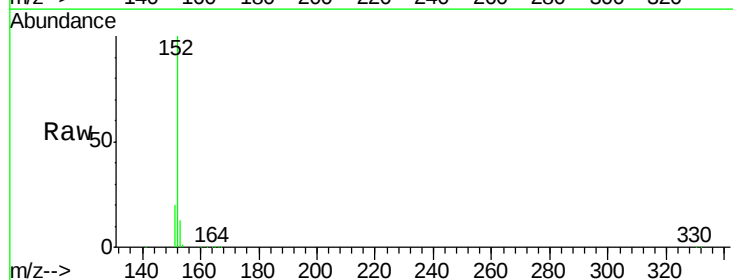
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

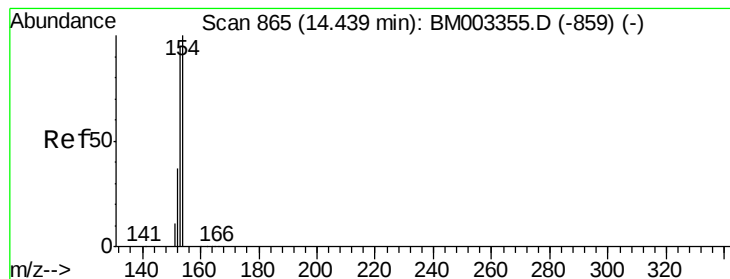
Tot Ion:172 Resp: 43070
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 21.7 18.9 28.3



#16
Acenaphthylene
Concen: 1.04 ng
RT: 14.06 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM003610.D
Acq: 18 Dec 2015 13:06

Tgt Ion:152 Resp: 62474
Ion Ratio Lower Upper
152 100
151 19.4 15.2 22.8
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.97 ng

RT: 14.42 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

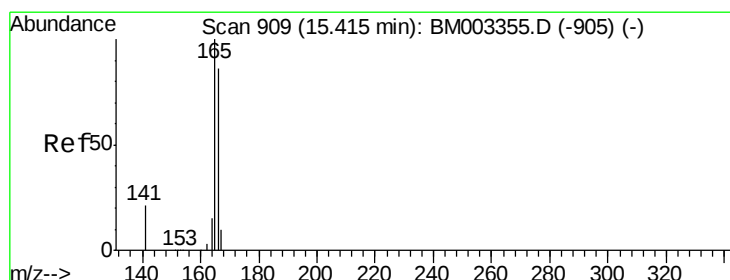
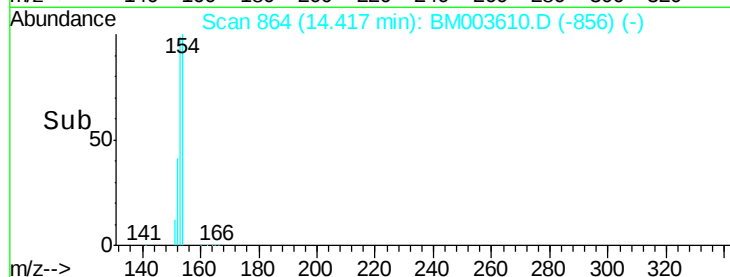
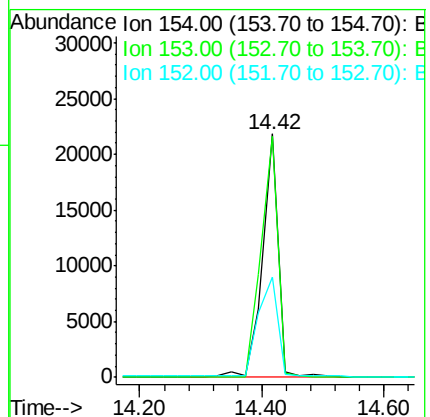
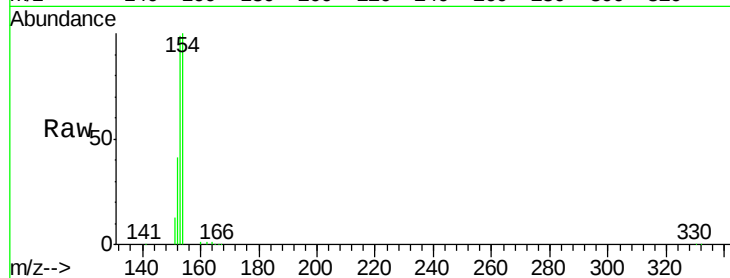
Tot Ion:154 Resp: 38866

Ion Ratio Lower Upper

154 100

153 106.6 0.0 0.0#

152 50.4 0.0 0.0#



#18

Fluorene

Concen: 0.98 ng

RT: 15.42 min Scan# 909

Delta R.T. -0.00 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

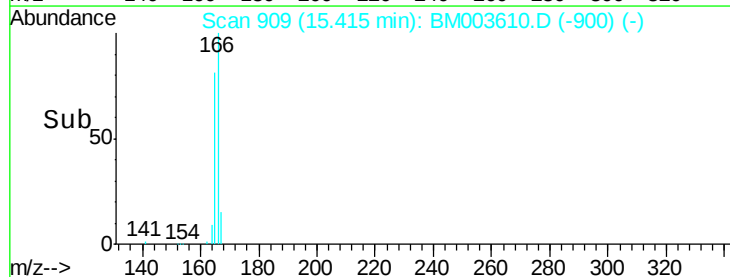
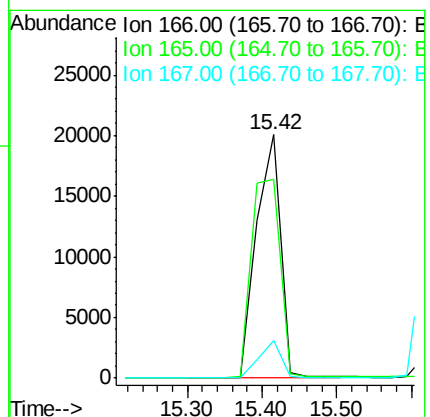
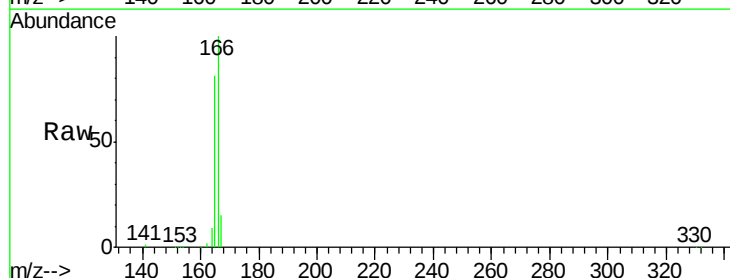
Tgt Ion:166 Resp: 44744

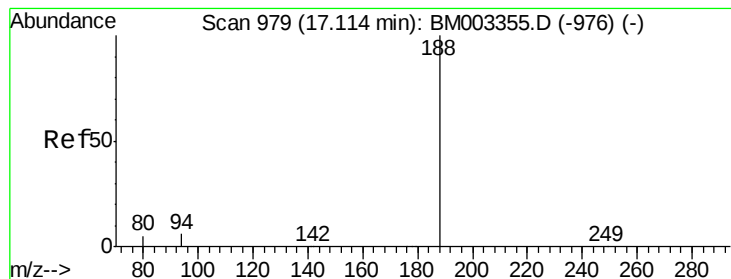
Ion Ratio Lower Upper

166 100

165 97.9 80.8 121.2

167 13.6 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

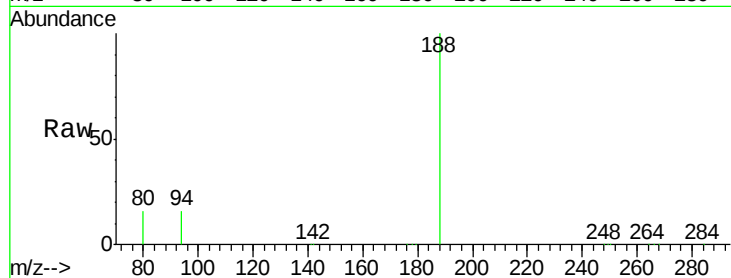
Tot Ion:188 Resp: 311932

Ion Ratio Lower Upper

188 100

94 15.6 1.8 2.6#

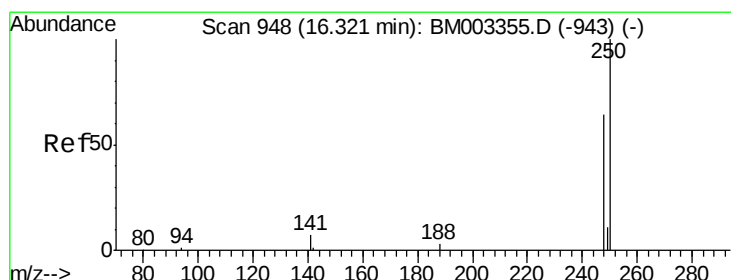
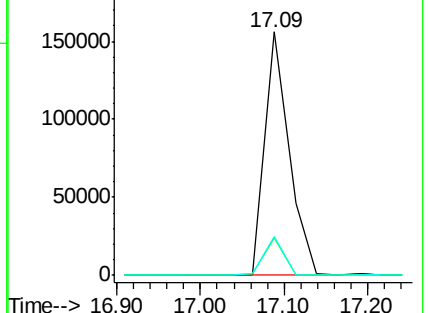
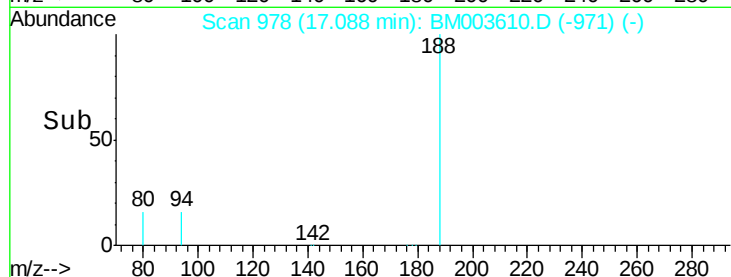
80 15.7 1.4 2.0#



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: 1.51 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

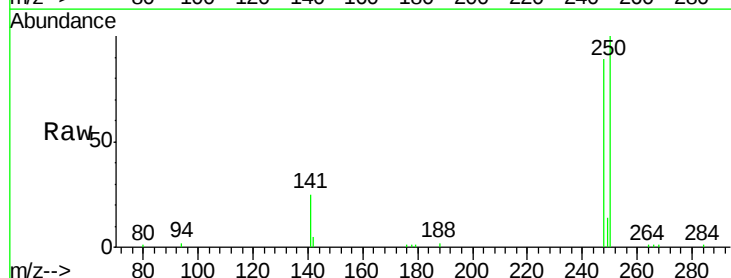
Tgt Ion:248 Resp: 13602

Ion Ratio Lower Upper

248 100

250 108.3 65.4 98.0#

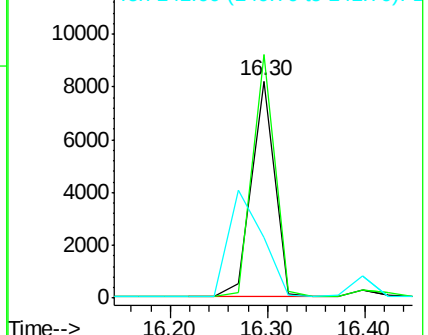
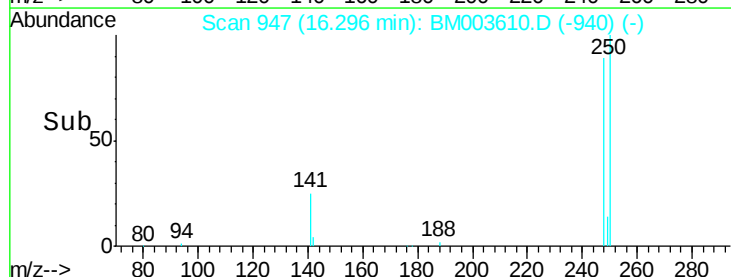
141 0.0 72.8 109.2#

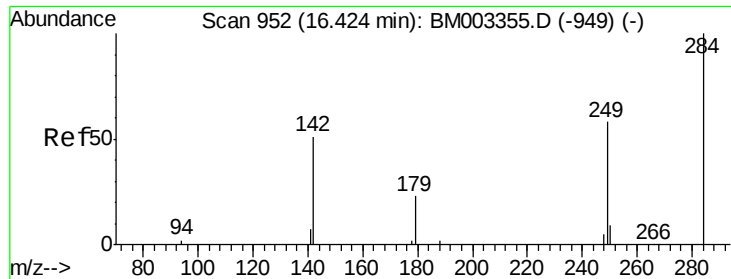


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

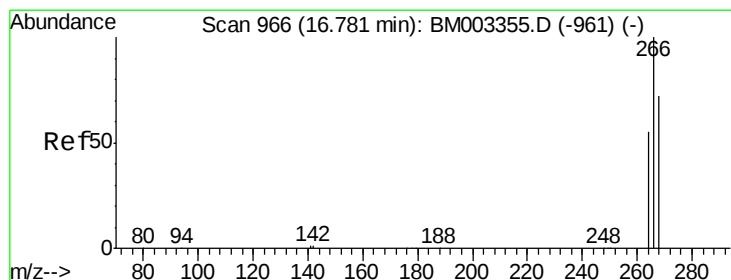
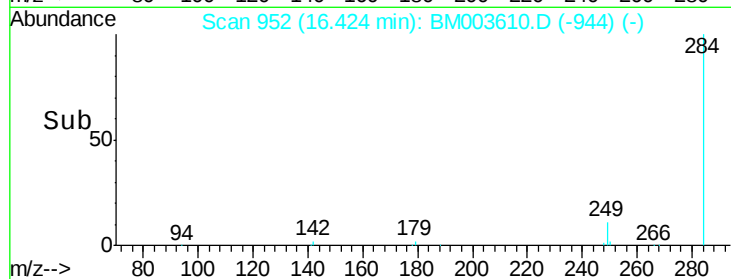
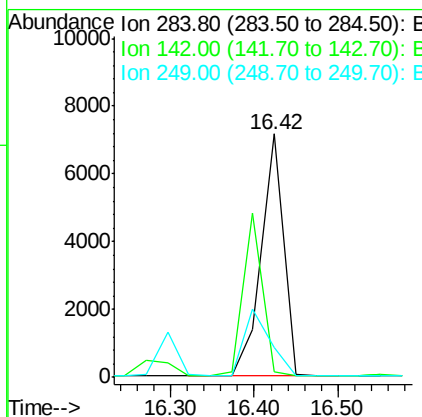
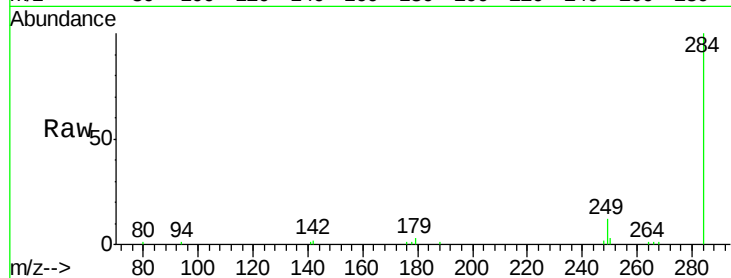




#21
Hexachlorobenzene
Concen: 1.29 ng
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003610.D
Acq: 18 Dec 2015 13:06

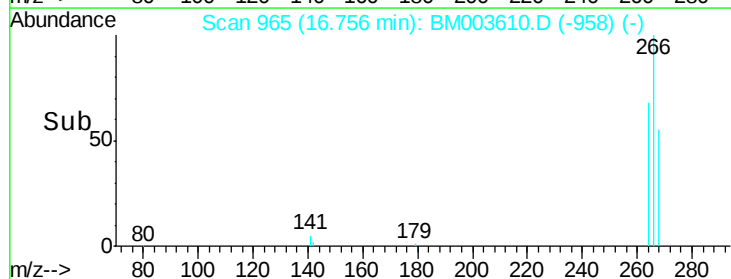
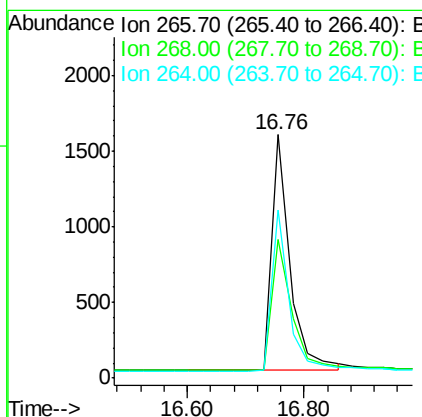
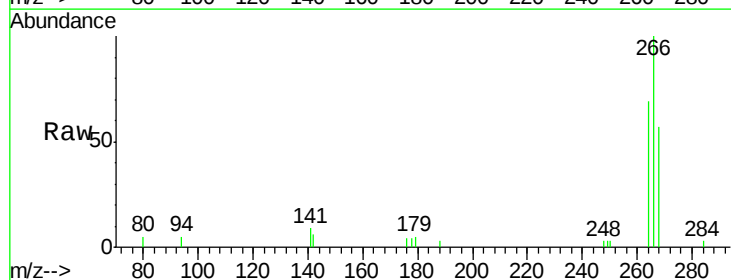
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

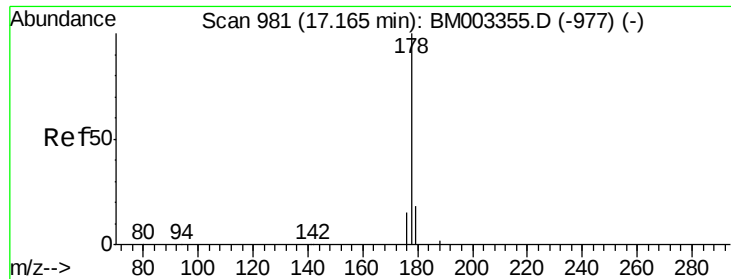
Tot Ion:284 Resp: 13085
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 19.4 29.2#



#22
Pentachlorophenol
Concen: 1.02 ng
RT: 16.76 min Scan# 965
Delta R.T. -0.03 min
Lab File: BM003610.D
Acq: 18 Dec 2015 13:06

Tgt Ion:266 Resp: 3418
Ion Ratio Lower Upper
266 100
268 57.0 45.8 68.8
264 68.9 56.7 85.1





#23

Phenanthrene

Concen: 1.46 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.03 min

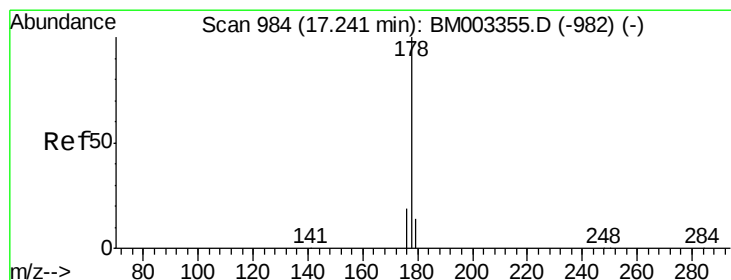
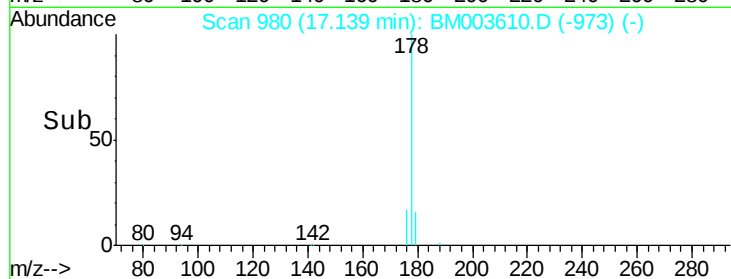
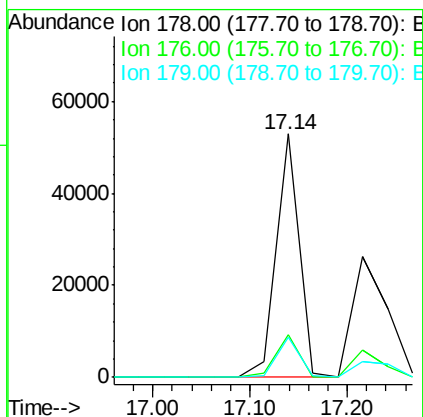
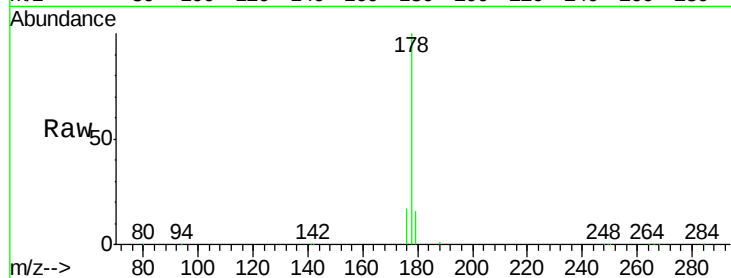
Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion:178 Resp: 87802

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	16.1	11.7	17.5



#24

Anthracene

Concen: 1.01 ng

RT: 17.22 min Scan# 983

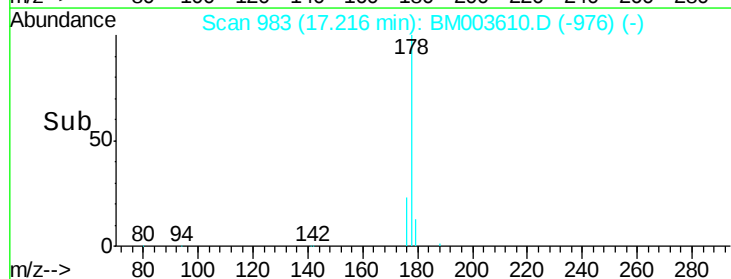
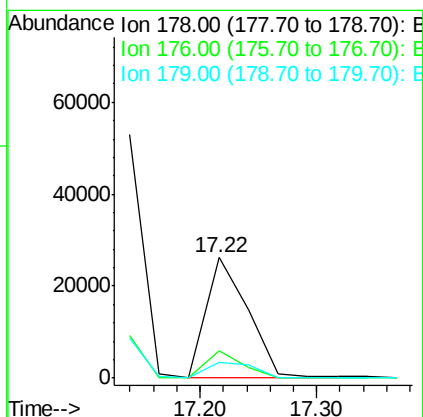
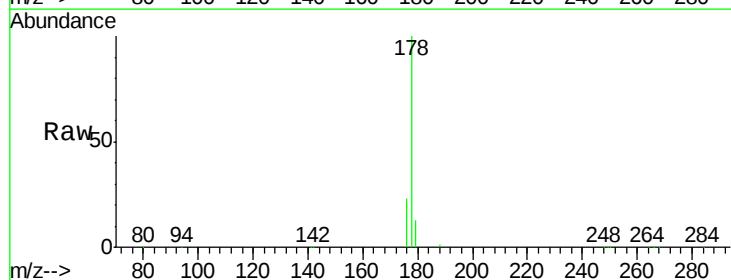
Delta R.T. -0.03 min

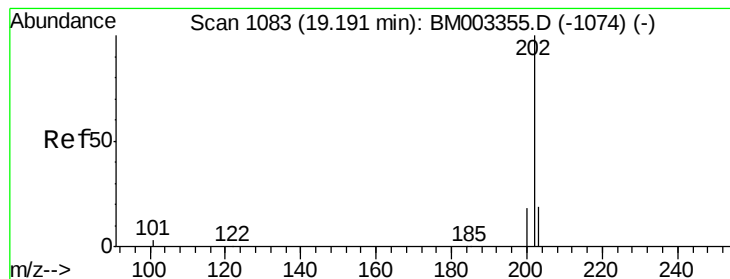
Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Tgt Ion:178 Resp: 63814

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.1	21.1
179	14.8	12.8	19.2





#25

Fluoranthene

Concen: 1.40 ng

RT: 19.17 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

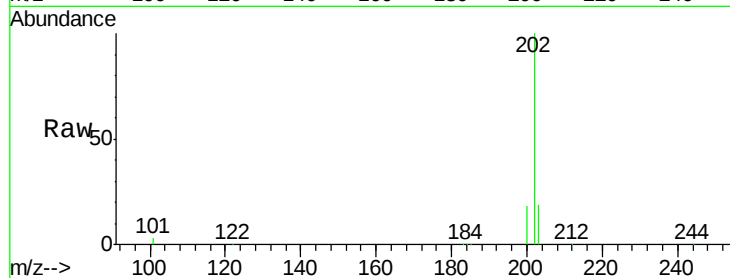
Tot Ion:202 Resp: 87113

Ion Ratio Lower Upper

202 100

101 11.6 9.9 14.9

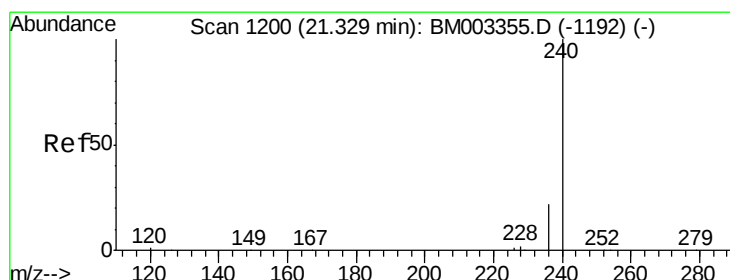
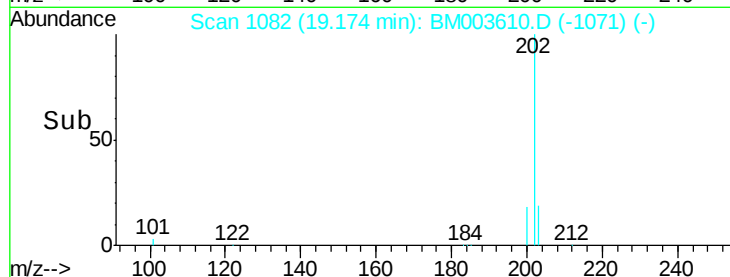
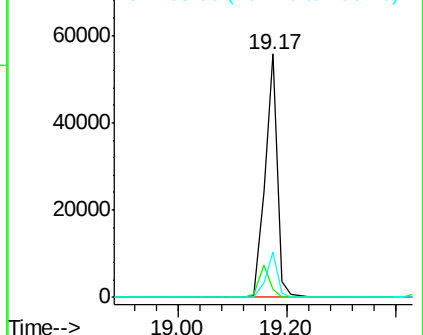
203 17.4 13.9 20.9



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. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

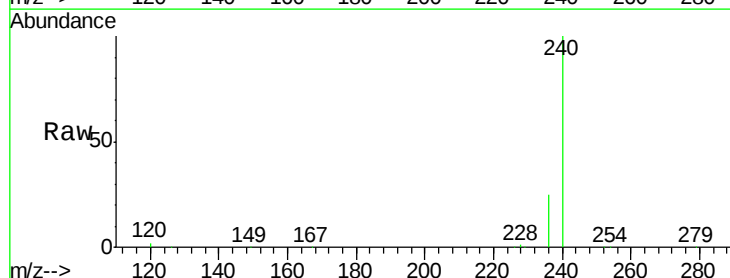
Tgt Ion:240 Resp: 316380

Ion Ratio Lower Upper

240 100

120 1.8 1.0 1.4#

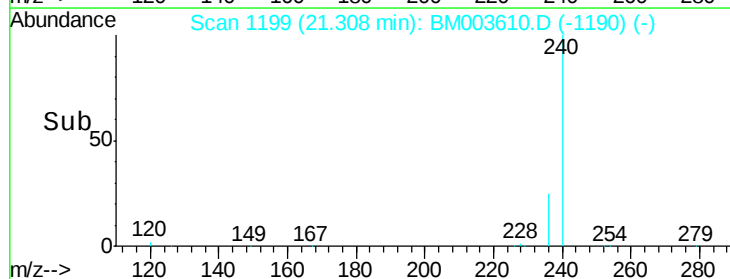
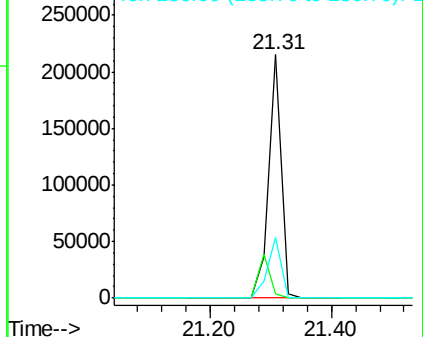
236 24.7 17.9 26.9

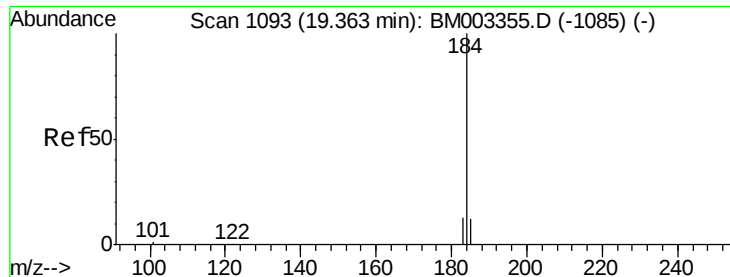


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.97 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

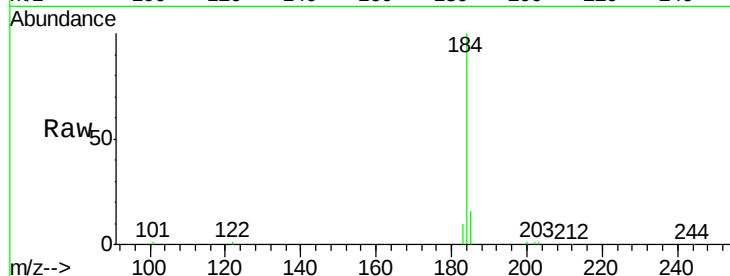
Tot Ion:184 Resp: 24989

Ion Ratio Lower Upper

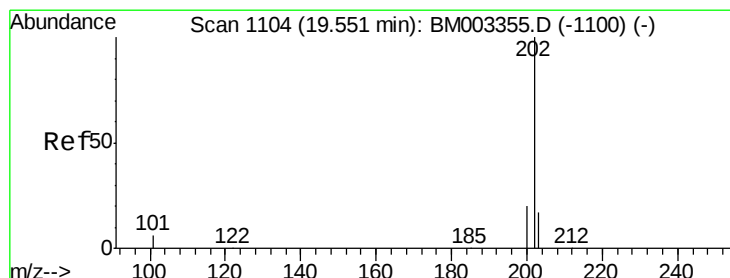
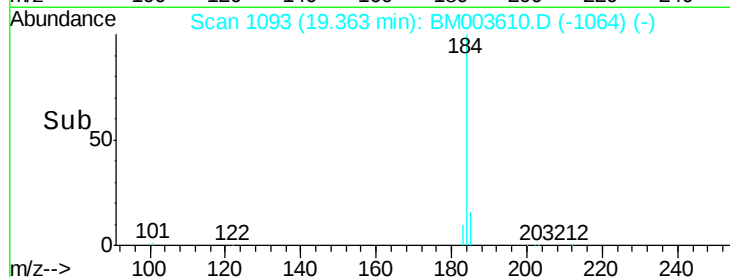
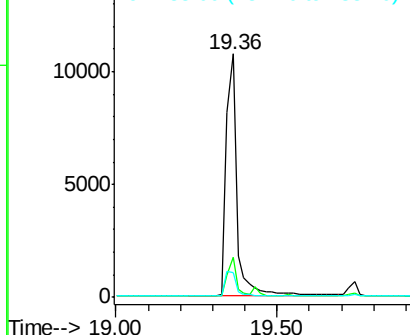
184 100

185 16.3 11.6 17.4

183 10.0 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: 0.82 ng

RT: 19.53 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

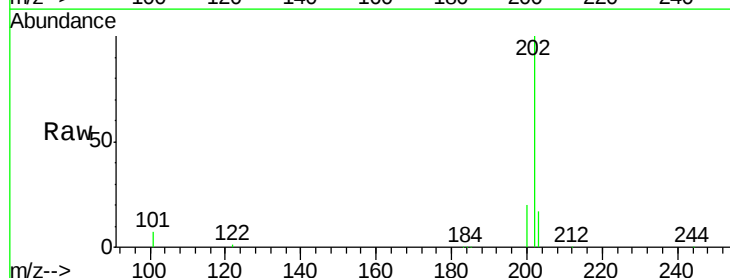
Tgt Ion:202 Resp: 94115

Ion Ratio Lower Upper

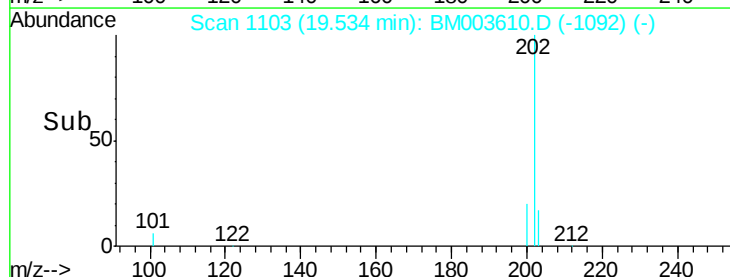
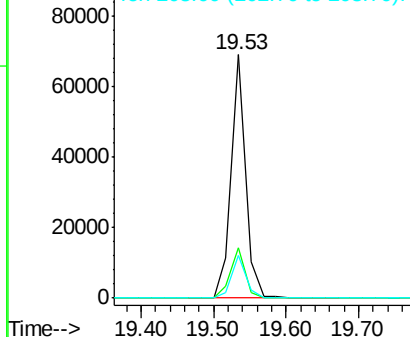
202 100

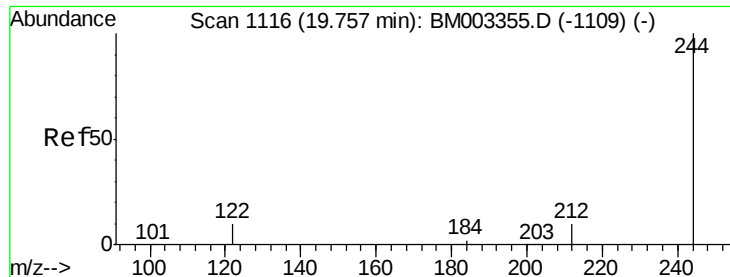
200 20.9 16.7 25.1

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: 0.86 ng

RT: 19.74 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

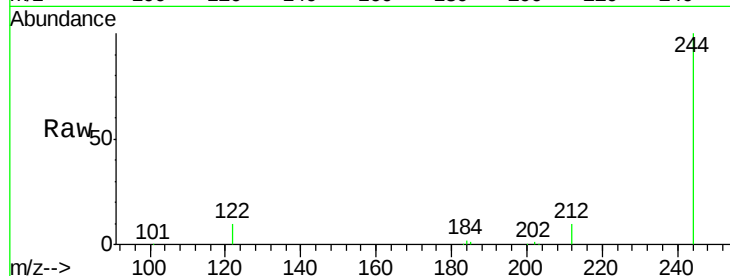
Tot Ion:244 Resp: 44097

Ion Ratio Lower Upper

244 100

212 10.4 6.5 9.7#

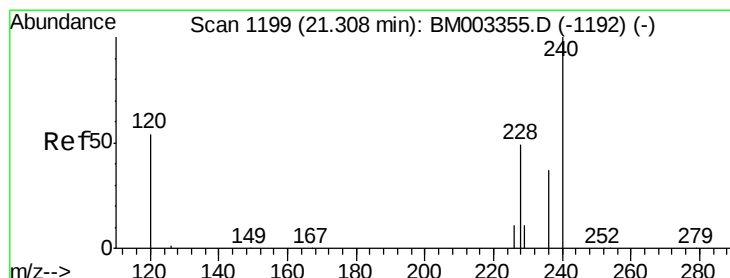
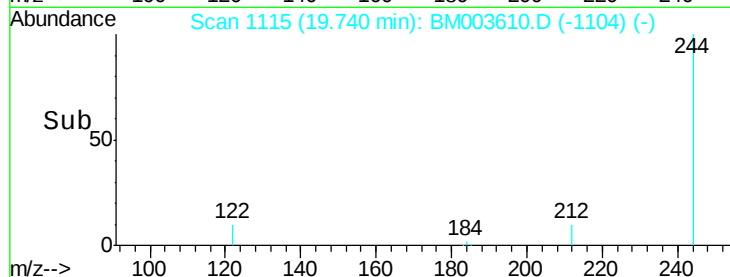
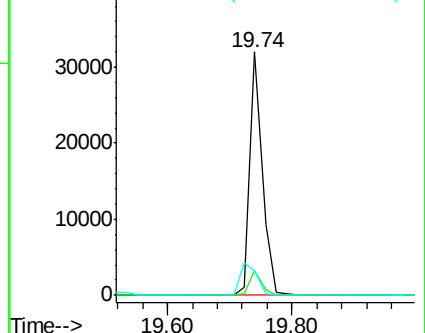
122 10.3 2.0 3.0#



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: 0.99 ng m

RT: 21.29 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

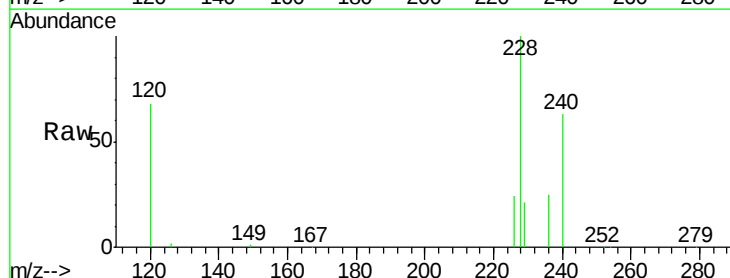
Tgt Ion:228 Resp: 84121

Ion Ratio Lower Upper

228 100

226 23.9 17.8 26.6

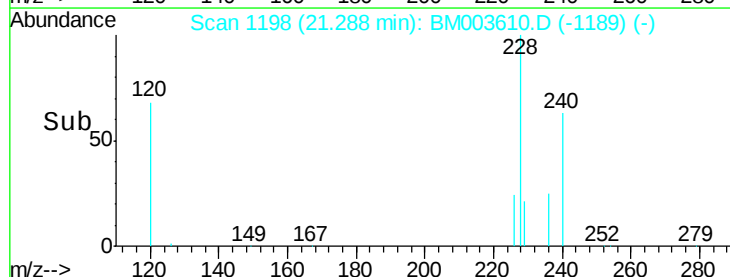
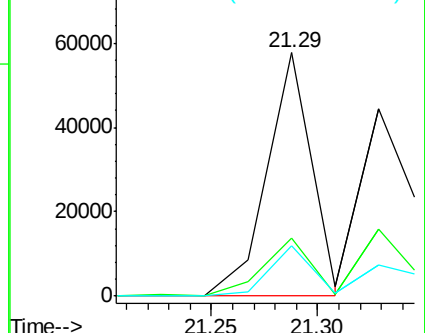
229 20.9 18.0 27.0

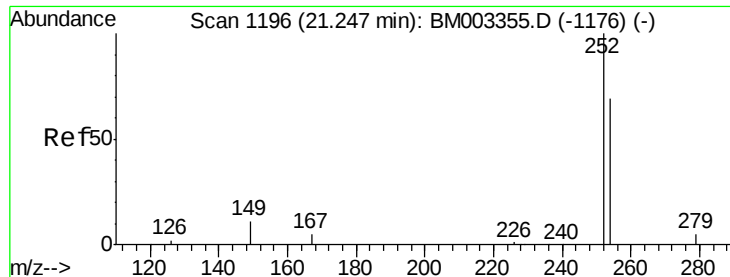


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

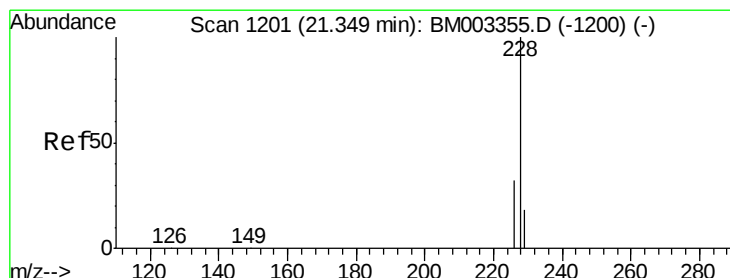
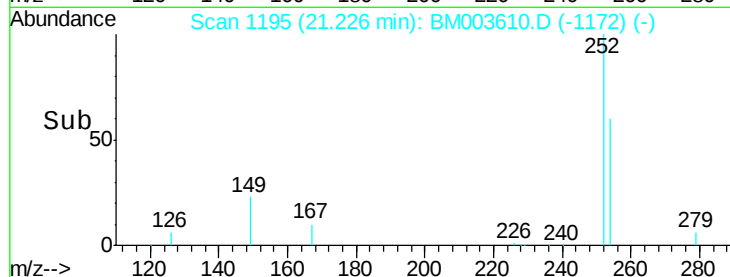
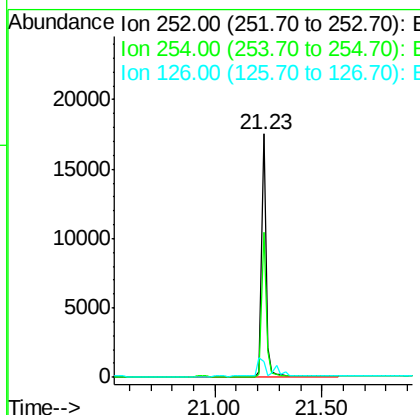
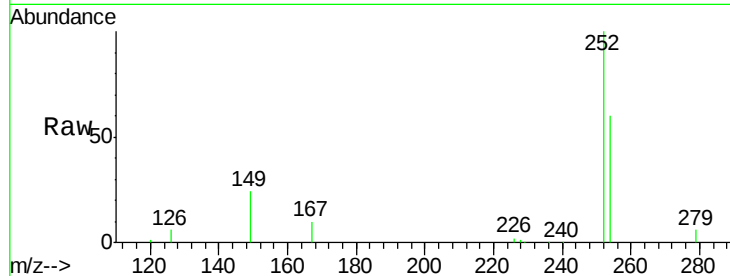




#31
 3,3'-Dichlorobenzidine
 Concen: 1.10 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

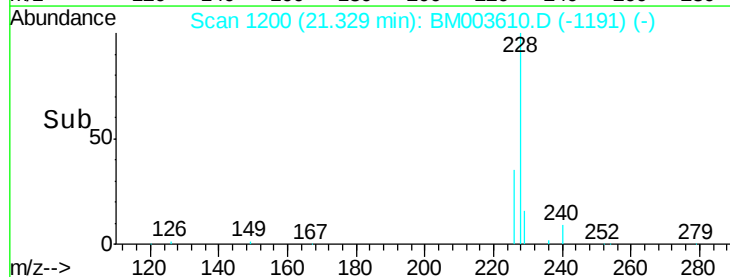
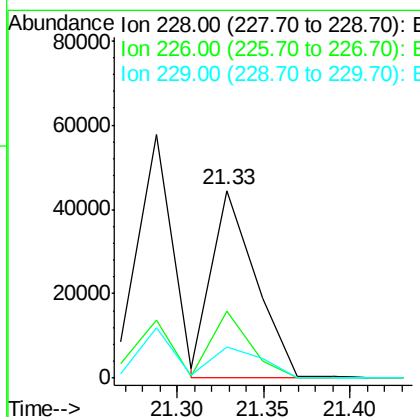
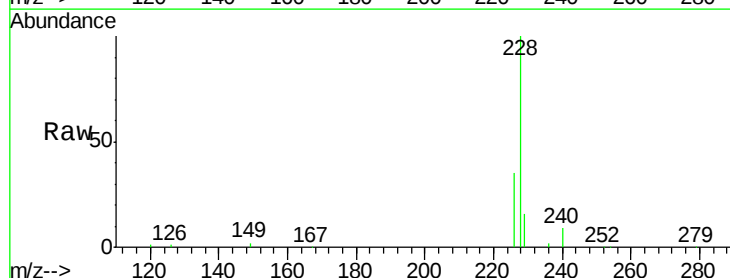
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

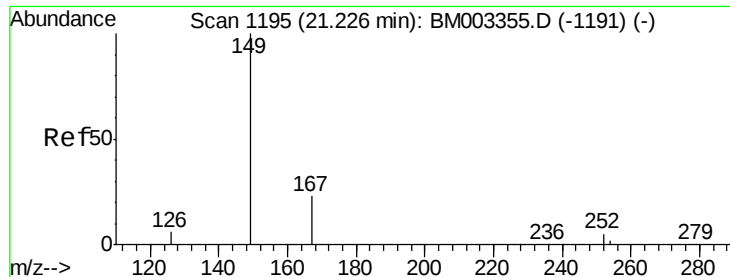
Tot Ion:252 Resp: 26199
 Ion Ratio Lower Upper
 252 100
 254 59.8 53.7 80.5
 126 6.2 2.8 4.2#



#32
 Chrysene
 Concen: 0.80 ng m
 RT: 21.33 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

Tgt Ion:228 Resp: 78772
 Ion Ratio Lower Upper
 228 100
 226 35.4 25.5 38.3
 229 16.4 14.3 21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

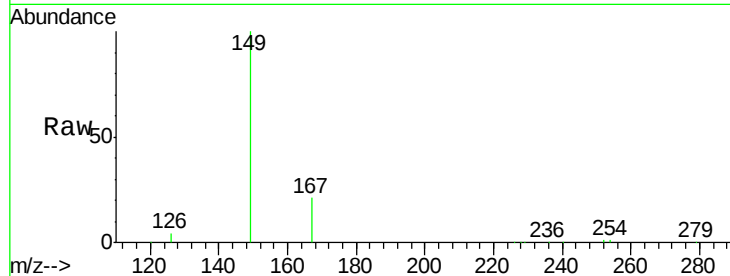
Tot Ion:149 Resp: 45201

Ion Ratio Lower Upper

149 100

167 23.4 19.6 29.4

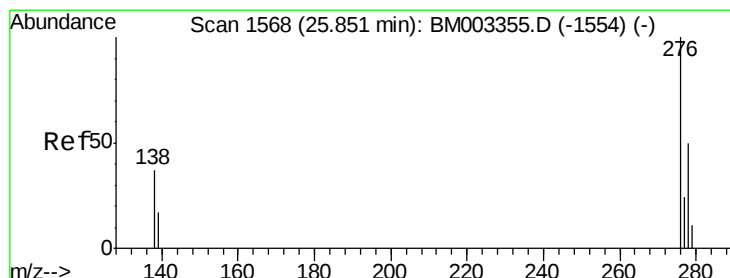
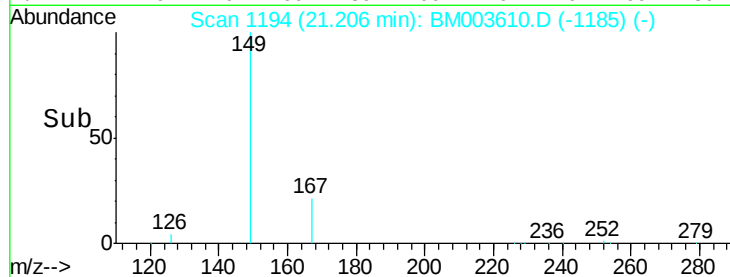
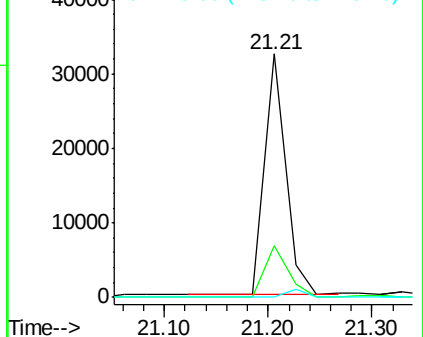
279 0.0 0.0 0.0



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: 0.79 ng

RT: 25.82 min Scan# 1565

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

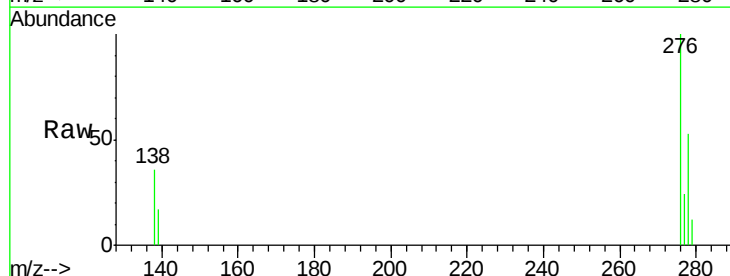
Tgt Ion:276 Resp: 58016

Ion Ratio Lower Upper

276 100

138 36.1 19.1 28.7#

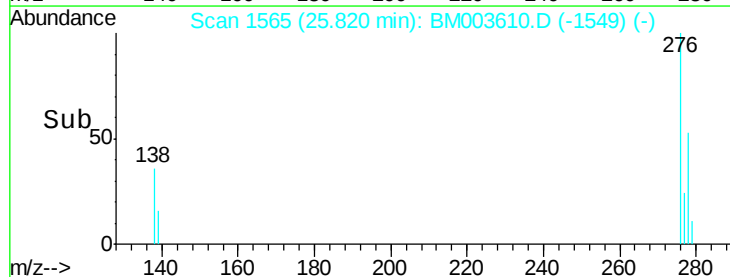
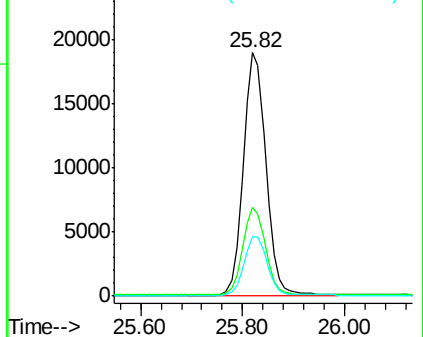
277 24.7 15.9 23.9#

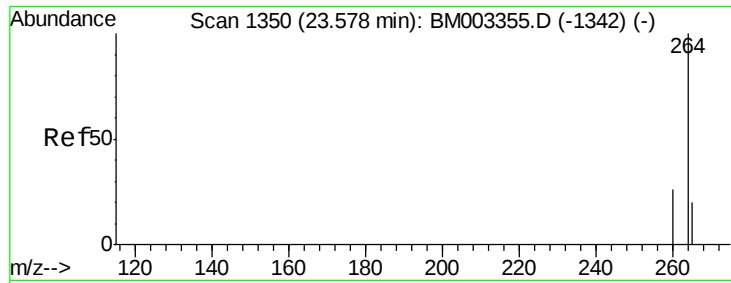


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

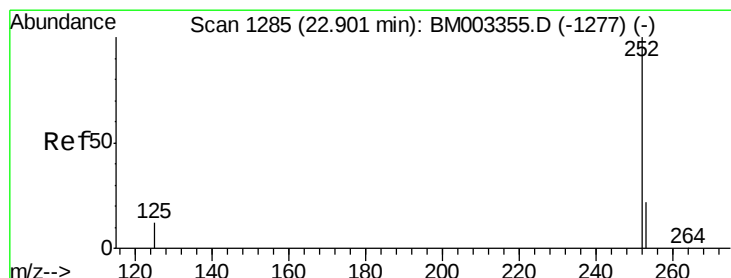
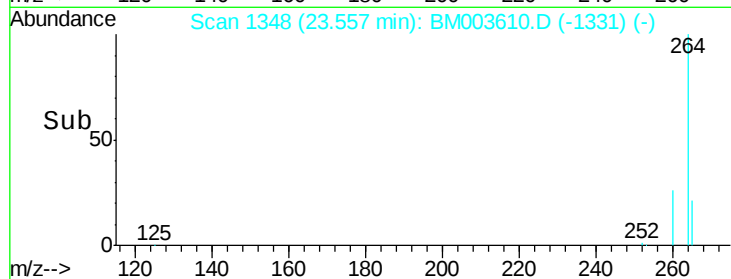
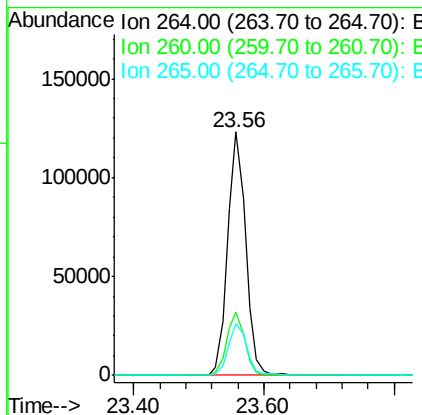
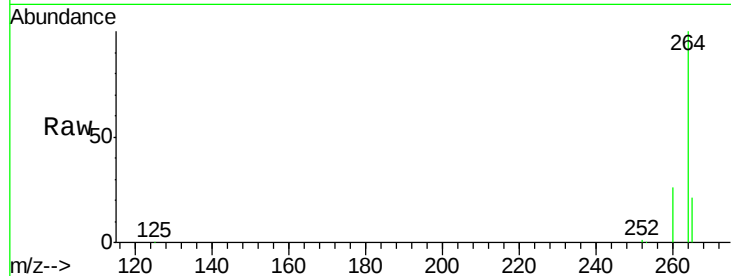




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.56 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

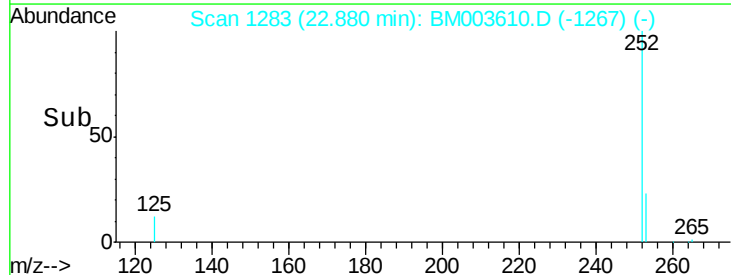
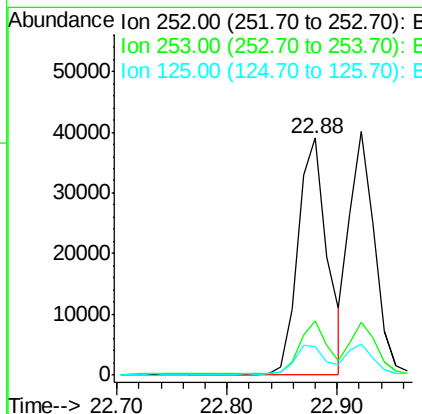
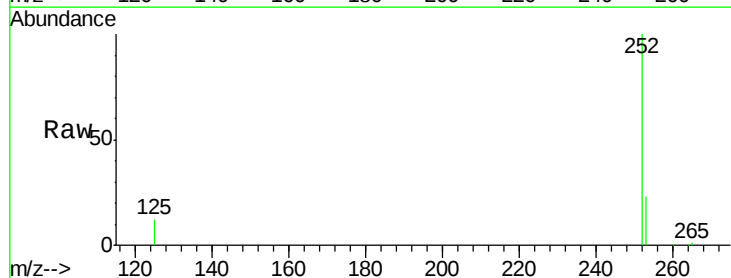
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

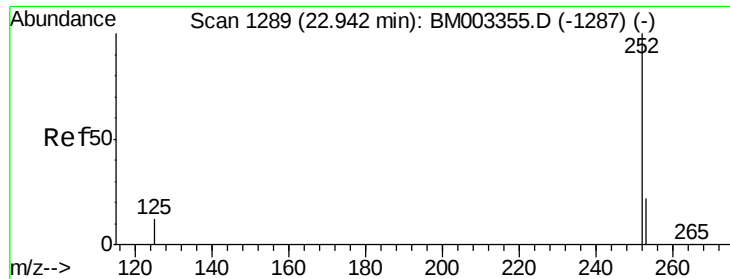
Tot Ion:264 Resp: 235349
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.6 29.4
 265 21.4 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 1.00 ng
 RT: 22.88 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BM003610.D
 Acq: 18 Dec 2015 13:06

Tgt Ion:252 Resp: 71306
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.2 27.4
 125 12.3 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.92 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

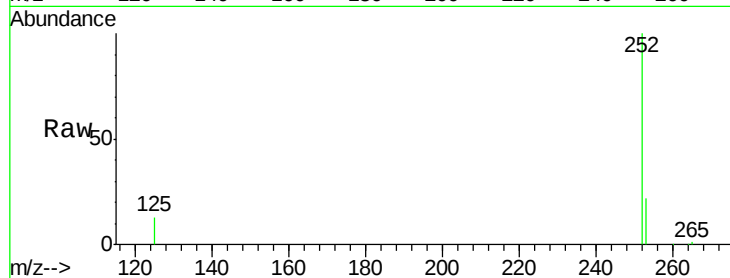
Tot Ion:252 Resp: 63600

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

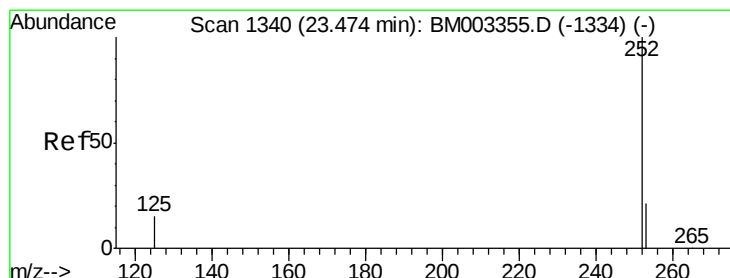
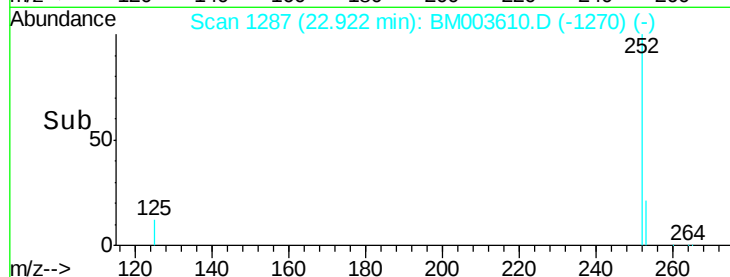
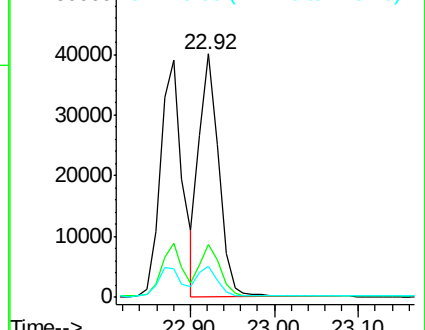
125 12.8 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

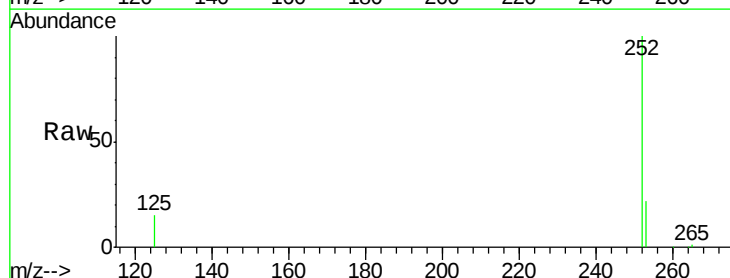
Tgt Ion:252 Resp: 58778

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

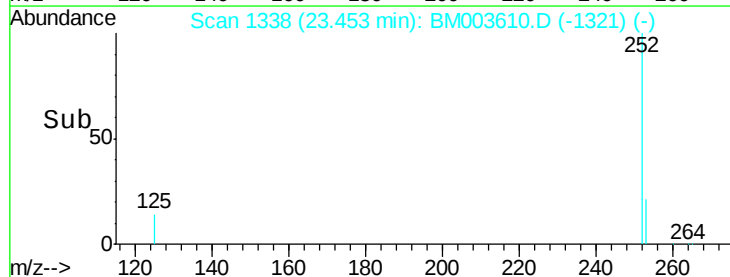
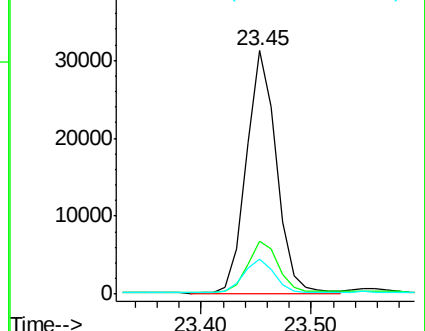
125 14.6 11.6 17.4

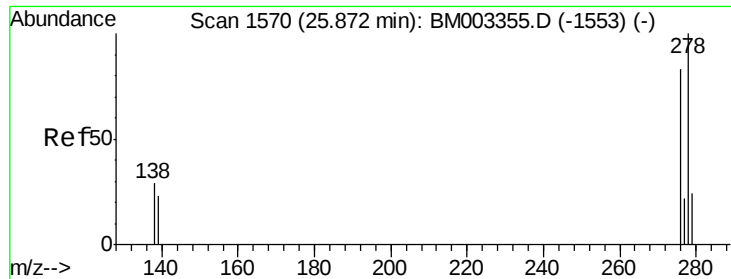


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.86 ng

RT: 25.84 min Scan# 1567

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

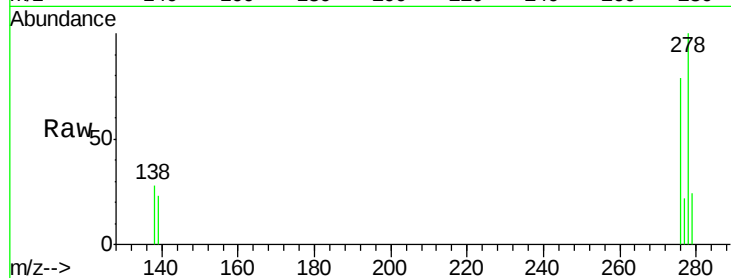
Tot Ion:278 Resp: 46160

Ion Ratio Lower Upper

278 100

139 22.6 18.2 27.4

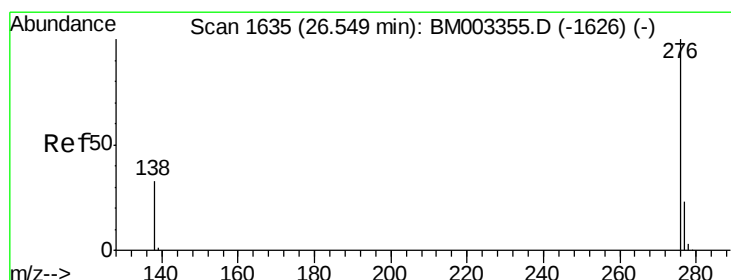
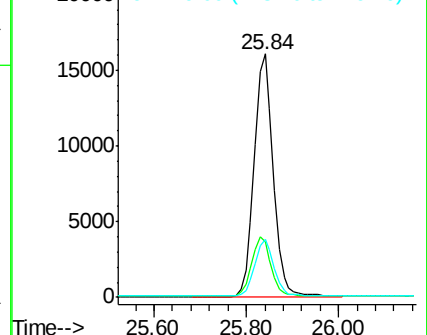
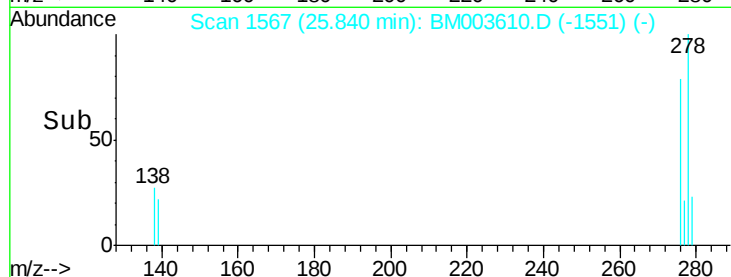
279 24.0 18.8 28.2



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: 0.84 ng

RT: 26.52 min Scan# 1632

Delta R.T. -0.03 min

Lab File: BM003610.D

Acq: 18 Dec 2015 13:06

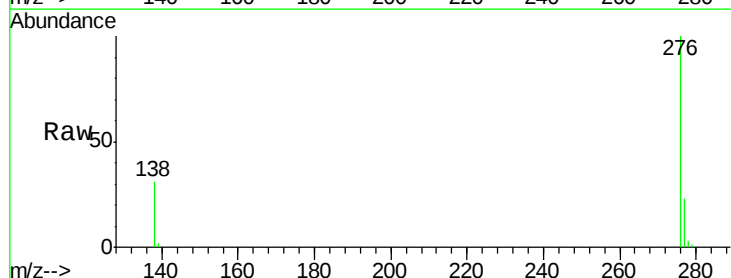
Tgt Ion:276 Resp: 47159

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 31.3 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

