

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052015\
 Data File : BM001346.D
 Acq On : 21 May 2015 05:37
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 21 08:57:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 08:43:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13444	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	52800	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	33537	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	86039	5.00	ng	0.00
25) Chrysene-d12	21.07	240	72496	5.00	ng	0.00
32) Perylene-d12	23.17	264	69965	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	283	0.11	ng	0.00
5) Phenol-d6	6.63	99	295	0.09	ng	0.02
7) Nitrobenzene-d5	8.59	82	241	0.08	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	84	0.08	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	971	0.10	ng	0.00
27) Terphenyl-d14	19.50	244	928	0.10	ng	0.00

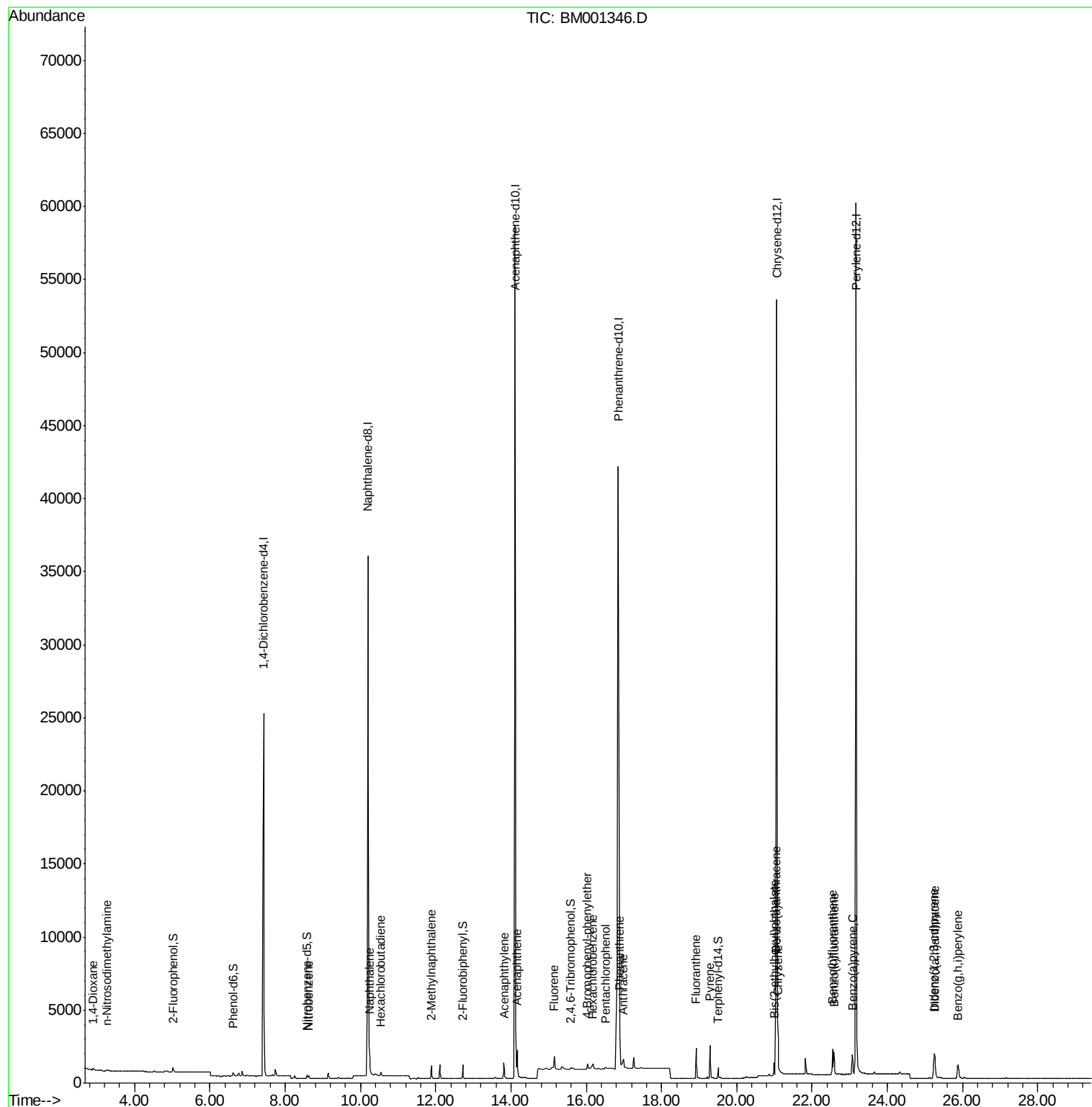
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	344	0.28	ng	# 63
3) n-Nitrosodimethylamine	3.26	42	136	0.08	ng	# 87
8) Nitrobenzene	8.63	77	243	0.08	ng	99
9) Naphthalene	10.25	128	1125	0.10	ng	# 85
10) Hexachlorobutadiene	10.54	225	223	0.11	ng	99
11) 2-Methylnaphthalene	11.89	142	768	0.10	ng	# 91
15) Acenaphthylene	13.82	152	1235	0.09	ng	100
16) Acenaphthene	14.17	154	878	0.10	ng	98
17) Fluorene	15.15	166	950	0.11	ng	# 93
19) 4-Bromophenyl-phenylether	16.04	248	279	0.09	ng	# 75
20) Hexachlorobenzene	16.17	284	565	0.10	ng	# 86
21) Pentachlorophenol	16.51	266	88	0.04	ng	# 74
22) Phenanthrene	16.89	178	2751	0.09	ng	94
23) Anthracene	16.99	178	966	0.09	ng	# 50
24) Fluoranthene	18.92	202	2014	0.09	ng	100
26) Pyrene	19.29	202	2130	0.10	ng	100
28) Benzo(a)anthracene	21.04	228	2128	0.11	ng	# 96
29) Chrysene	21.10	228	2041	0.11	ng	95
30) Bis(2-ethylhexyl)phthalate	20.99	149	936	0.08	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.24	276	2112	0.10	ng	99
33) Benzo(b)fluoranthene	22.54	252	2057	0.10	ng	# 80
34) Benzo(k)fluoranthene	22.58	252	1838	0.09	ng	# 82
35) Benzo(a)pyrene	23.07	252	1760	0.10	ng	# 79
36) Dibenzo(a,h)anthracene	25.26	278	1609	0.09	ng	# 83
37) Benzo(g,h,i)perylene	25.88	276	1810	0.10	ng	# 89

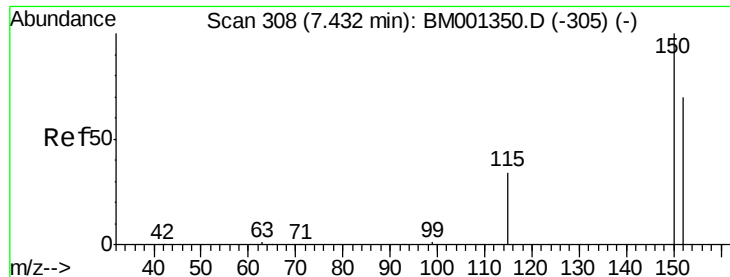
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 08:57:54 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

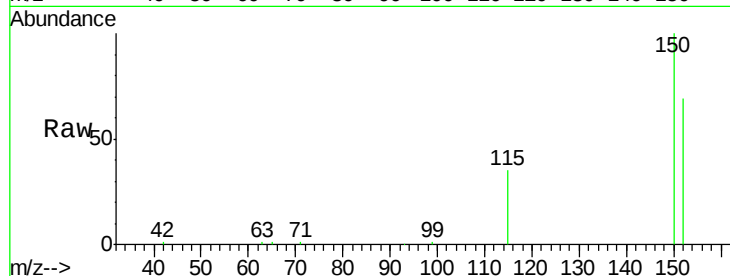
Tgt Ion:152 Resp: 13444

Ion Ratio Lower Upper

152 100

150 144.3 114.1 171.1

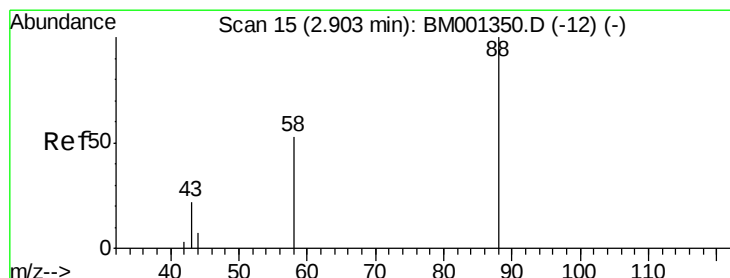
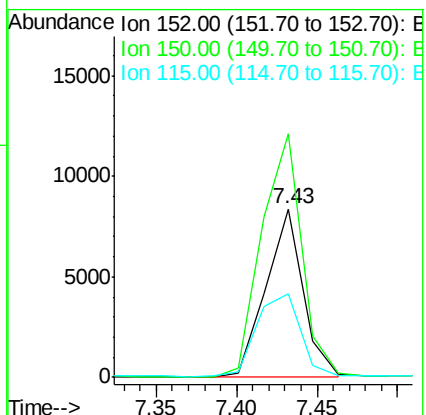
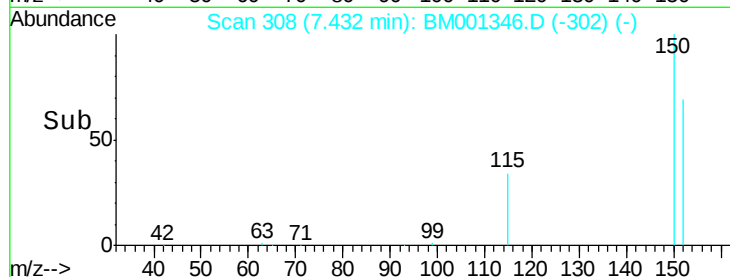
115 49.8 39.2 58.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.28 ng

RT: 2.90 min Scan# 15

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

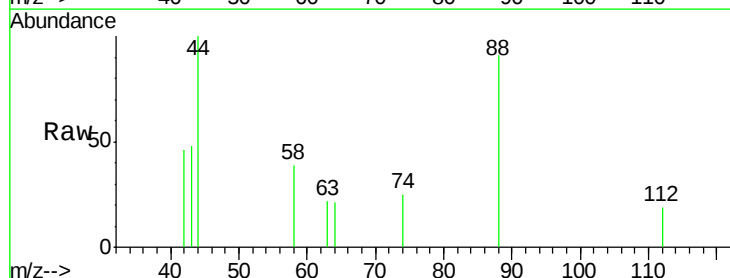
Tgt Ion: 88 Resp: 344

Ion Ratio Lower Upper

88 100

58 31.1 53.1 79.7#

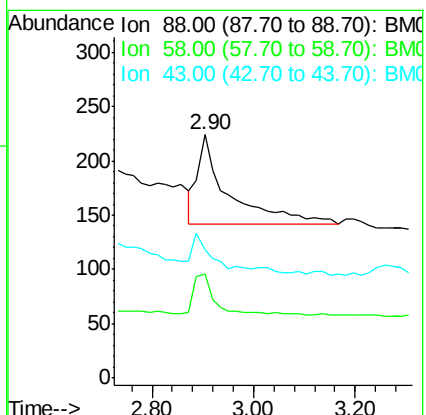
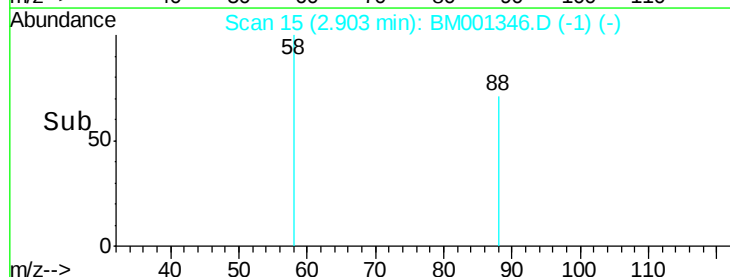
43 22.1 27.8 41.8#

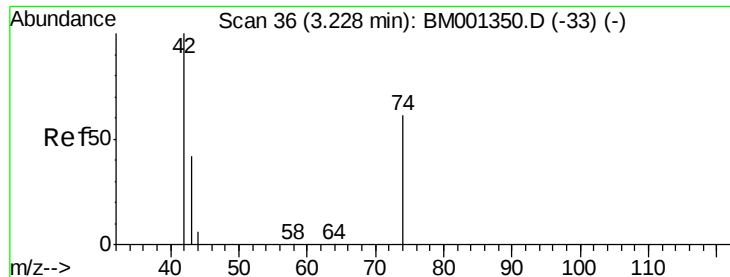


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.26 min Scan# 38

Delta R.T. 0.03 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

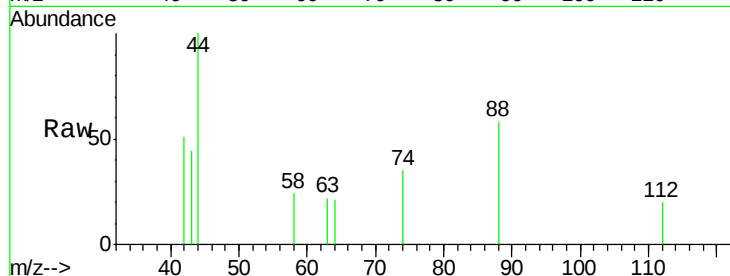
Tgt Ion: 42 Resp: 136

Ion Ratio Lower Upper

42 100

74 99.3 70.0 105.0

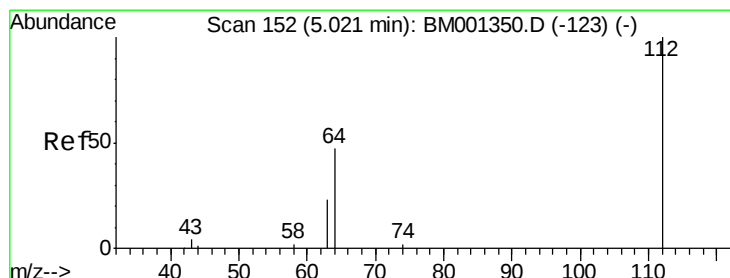
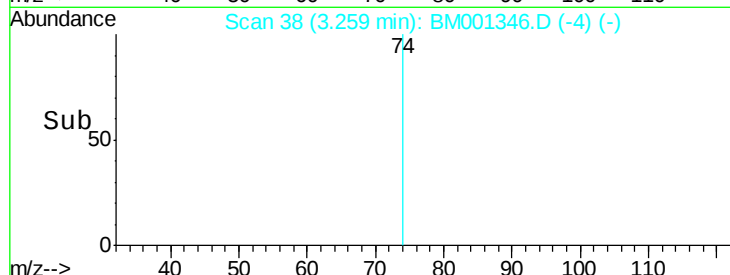
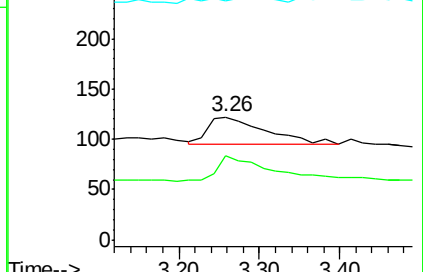
44 0.0 3.6 5.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001350.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001350.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001350.D (-33) (-)



#4

2-Fluorophenol

Concen: 0.11 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

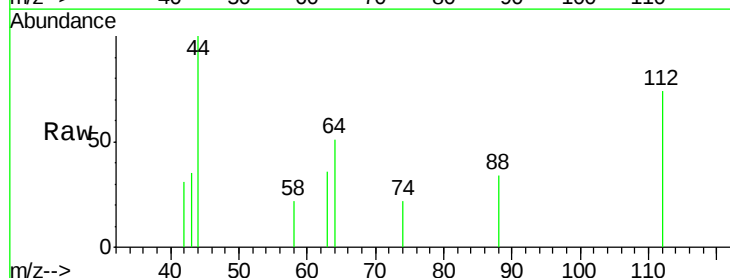
Tgt Ion: 112 Resp: 283

Ion Ratio Lower Upper

112 100

64 58.3 52.9 79.3

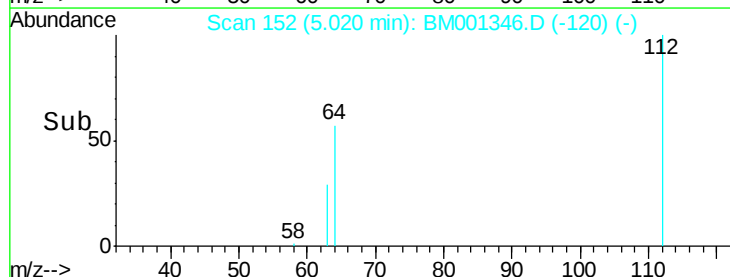
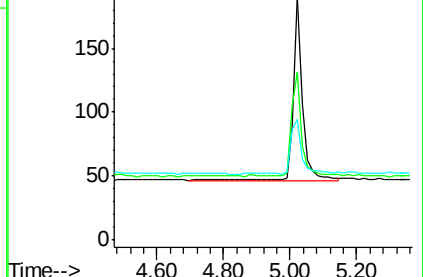
63 35.3 29.6 44.4

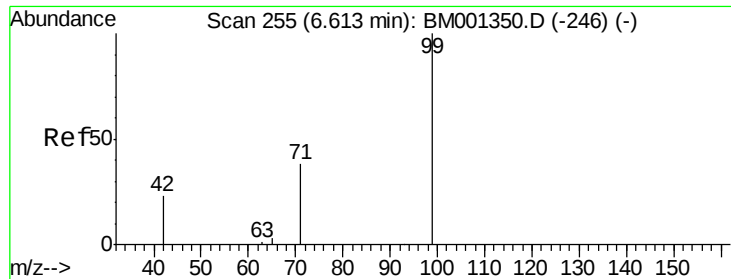


Abundance Ion 112.00 (111.70 to 112.70): BM001350.D (-123) (-)

Ion 64.00 (63.70 to 64.70): BM001350.D (-123) (-)

Ion 63.00 (62.70 to 63.70): BM001350.D (-123) (-)





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.02 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

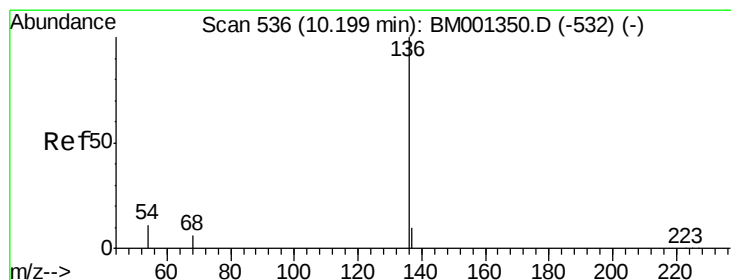
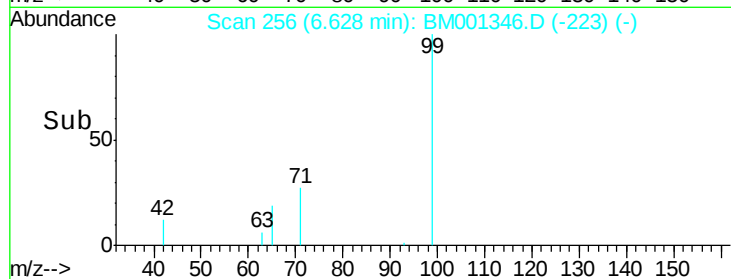
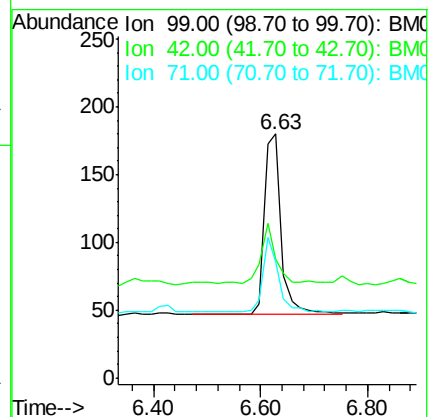
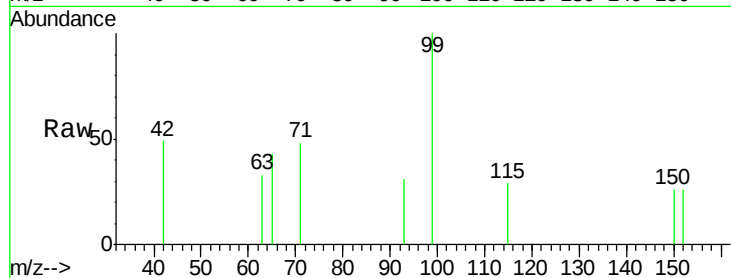
Tgt Ion: 99 Resp: 295

Ion Ratio Lower Upper

99 100

42 28.8 21.4 32.2

71 36.9 29.0 43.4



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Tgt Ion: 136 Resp: 52800

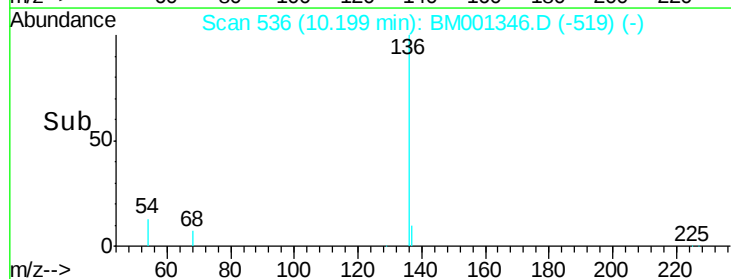
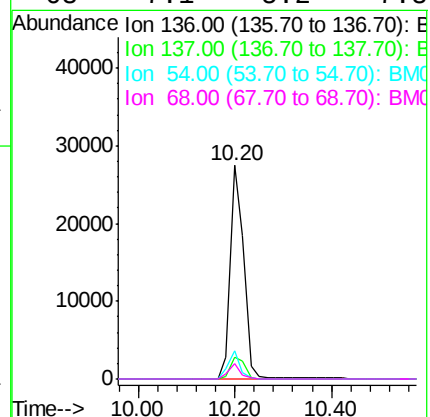
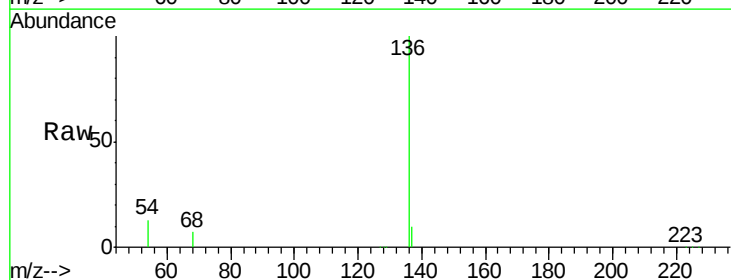
Ion Ratio Lower Upper

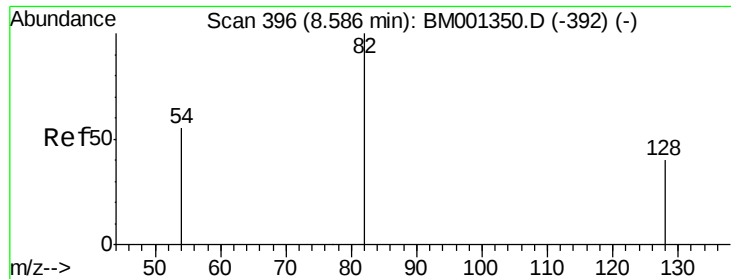
136 100

137 10.2 8.2 12.4

54 13.0 9.4 14.0

68 7.1 5.2 7.8





#7

Nitrobenzene-d5

Concen: 0.08 ng

RT: 8.59 min Scan# 396

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

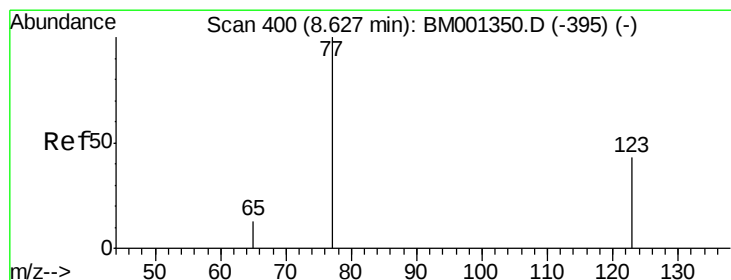
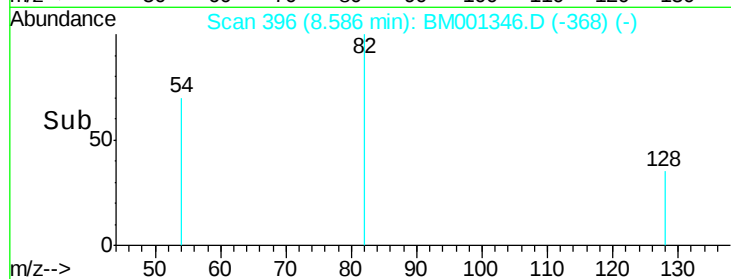
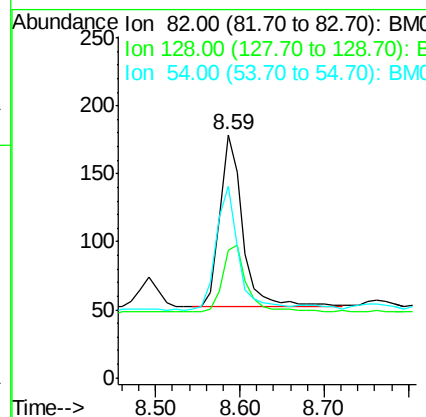
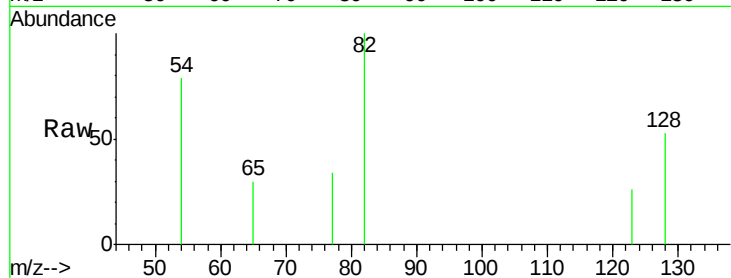
Tgt Ion: 82 Resp: 241

Ion Ratio Lower Upper

82 100

128 52.5 33.5 50.3#

54 78.8 45.1 67.7#



#8

Nitrobenzene

Concen: 0.08 ng

RT: 8.63 min Scan# 400

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

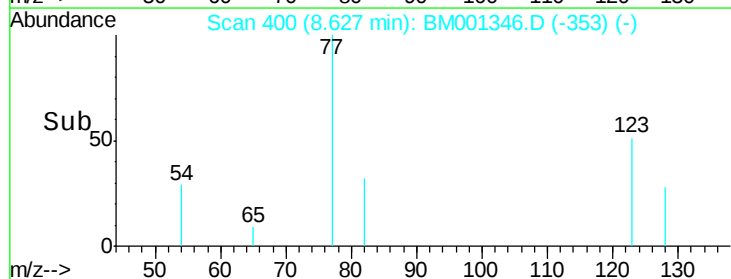
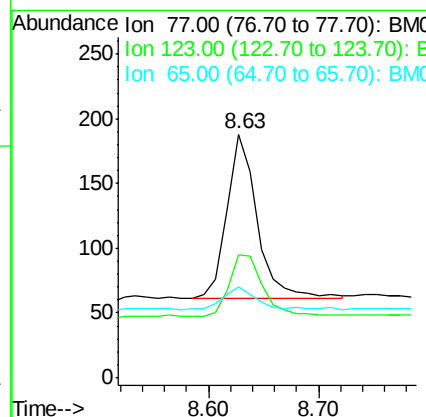
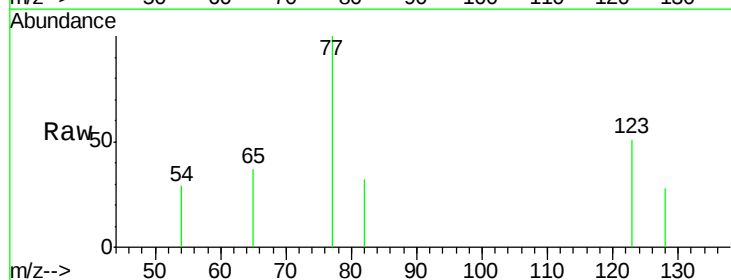
Tgt Ion: 77 Resp: 243

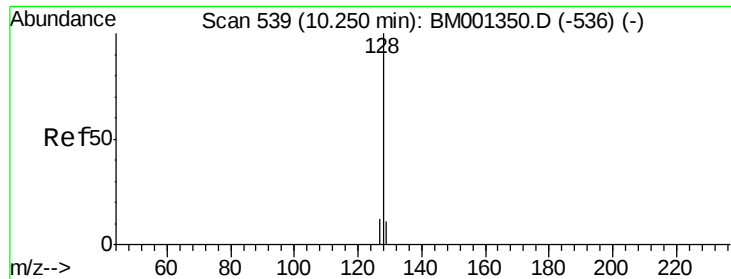
Ion Ratio Lower Upper

77 100

123 42.0 33.6 50.4

65 16.5 11.3 16.9





#9

Naphthalene

Concen: 0.10 ng

RT: 10.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

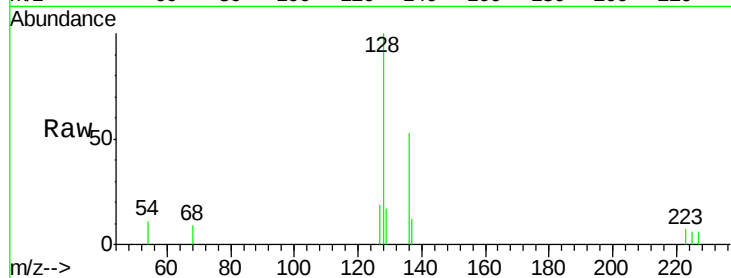
Tgt Ion:128 Resp: 1125

Ion Ratio Lower Upper

128 100

129 16.8 9.1 13.7#

127 19.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.25

800

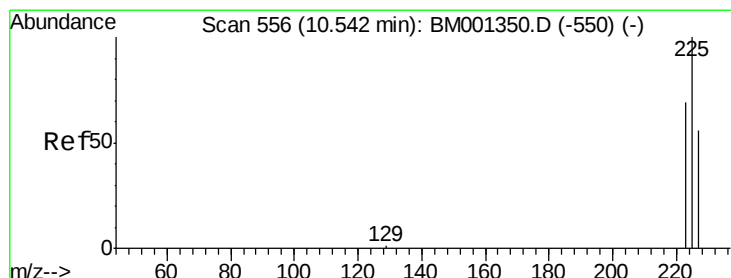
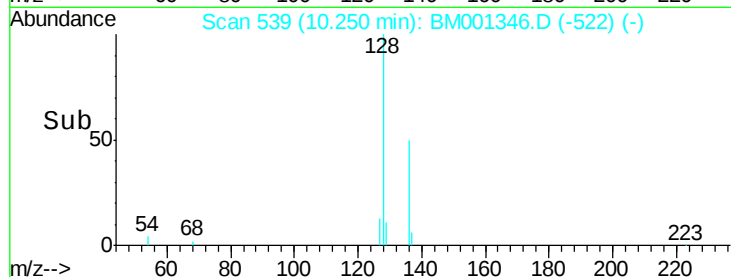
600

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.11 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

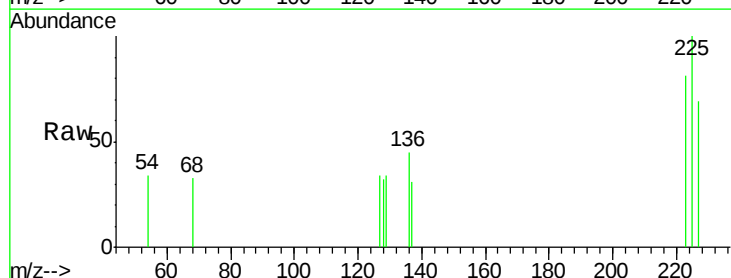
Tgt Ion:225 Resp: 223

Ion Ratio Lower Upper

225 100

223 64.6 50.3 75.5

227 63.2 50.6 75.8



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

10.54

200

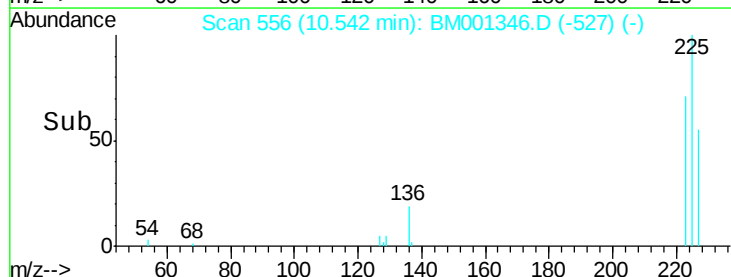
150

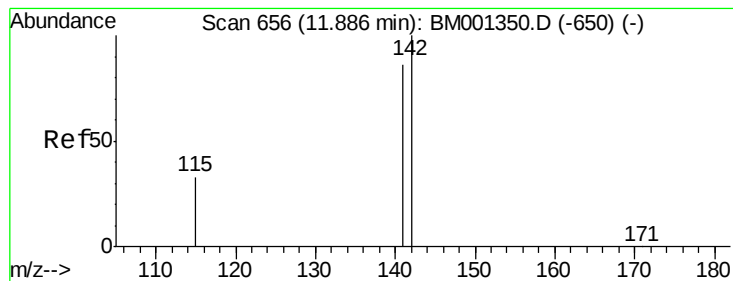
100

50

0

Time-->





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 11.89 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

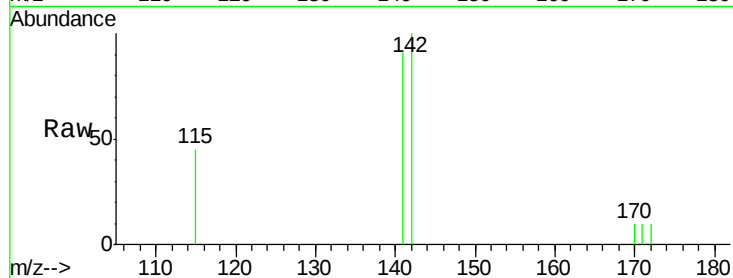
Tgt Ion:142 Resp: 768

Ion Ratio Lower Upper

142 100

141 91.3 69.0 103.4

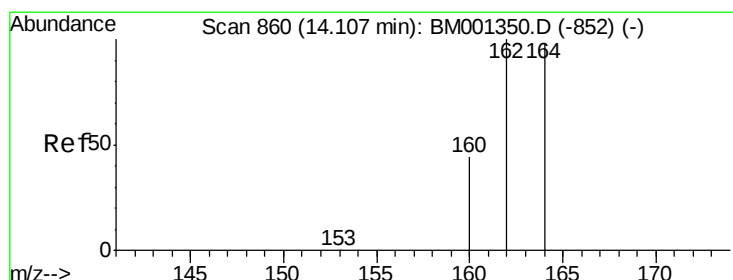
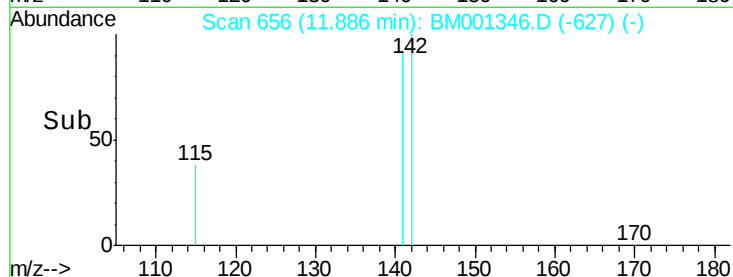
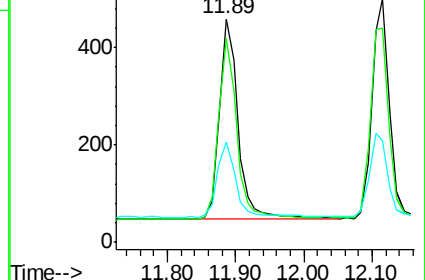
115 45.1 27.1 40.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

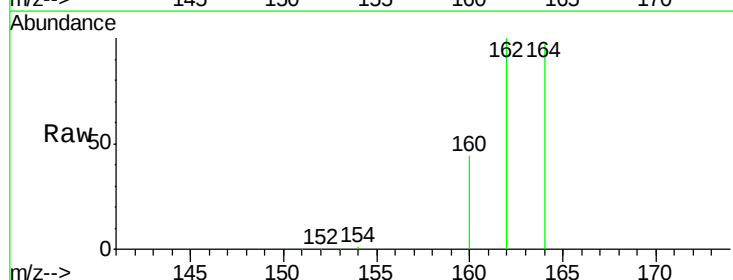
Tgt Ion:164 Resp: 33537

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

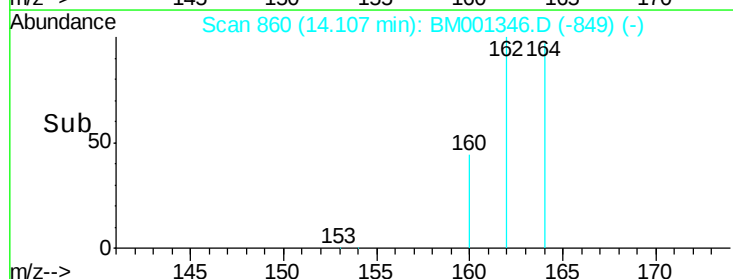
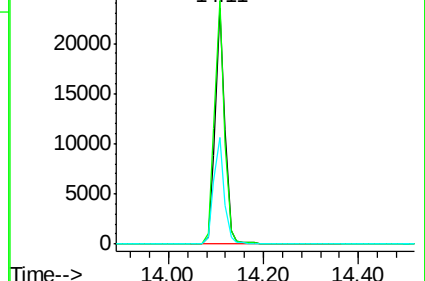
160 45.4 35.8 53.8

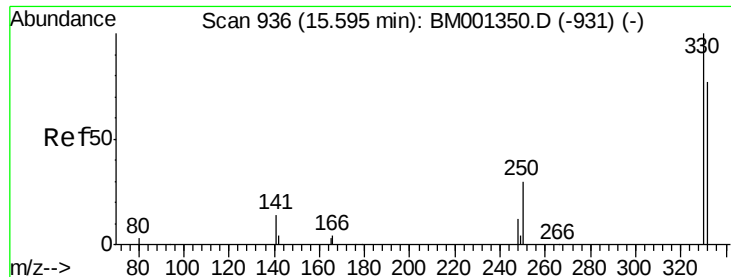


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

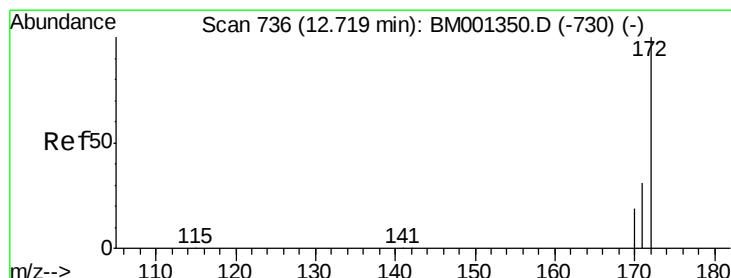
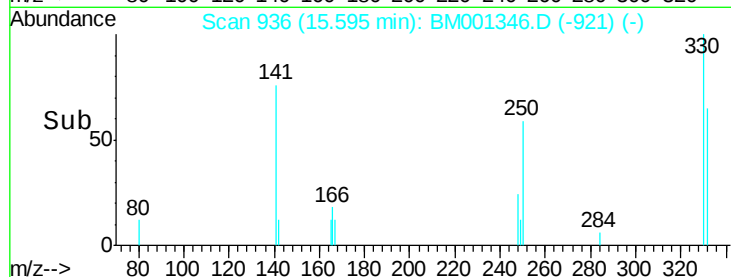
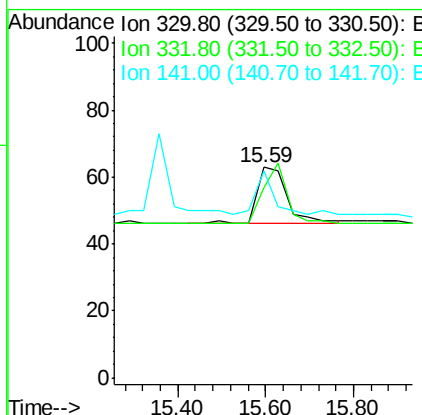
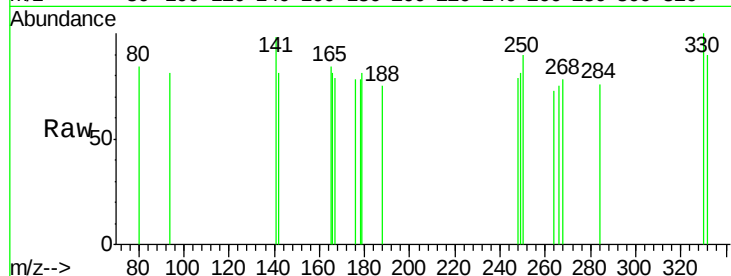




#13
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 15.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM001346.D
 Acq: 21 May 2015 05:37

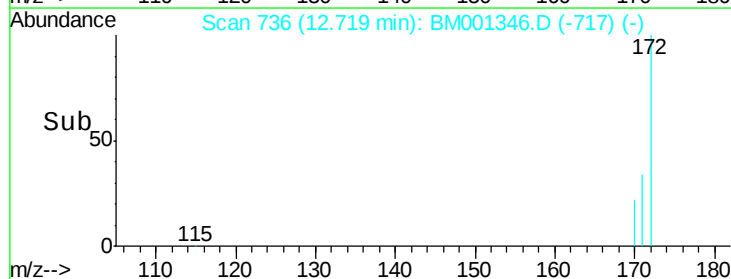
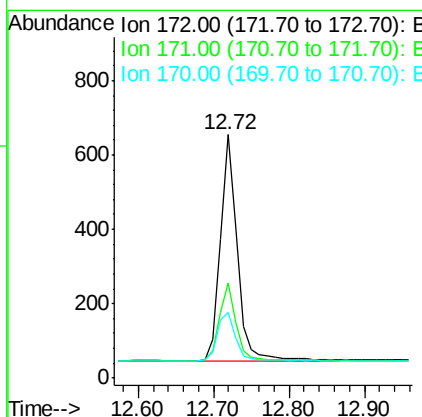
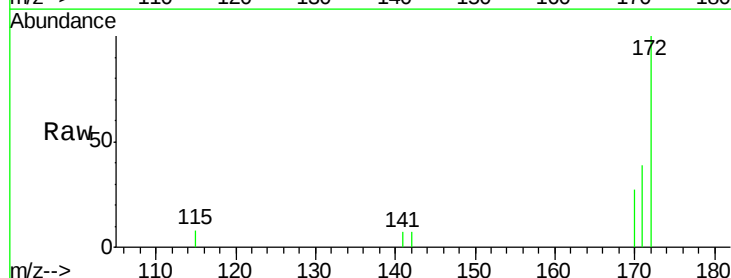
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

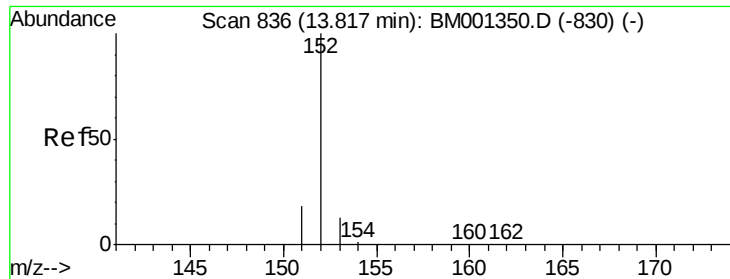
Tgt Ion: 330 Resp: 84
 Ion Ratio Lower Upper
 330 100
 332 0.0 65.4 98.2#
 141 44.0 20.2 30.4#



#14
 2-Fluorobiphenyl
 Concen: 0.10 ng
 RT: 12.72 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BM001346.D
 Acq: 21 May 2015 05:37

Tgt Ion: 172 Resp: 971
 Ion Ratio Lower Upper
 172 100
 171 39.1 25.4 38.2#
 170 27.2 15.7 23.5#





#15

Acenaphthylene

Concen: 0.09 ng

RT: 13.82 min Scan# 836

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

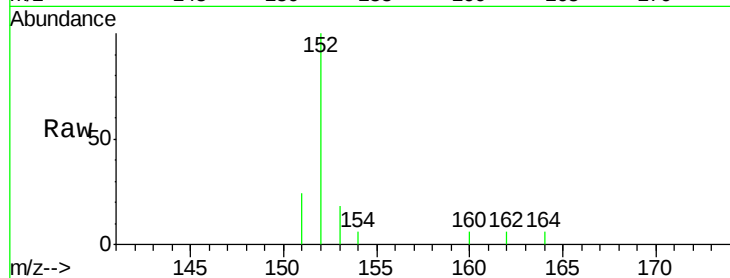
Tgt Ion:152 Resp: 1235

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9

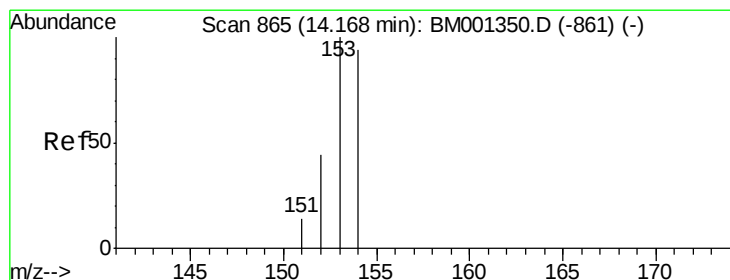
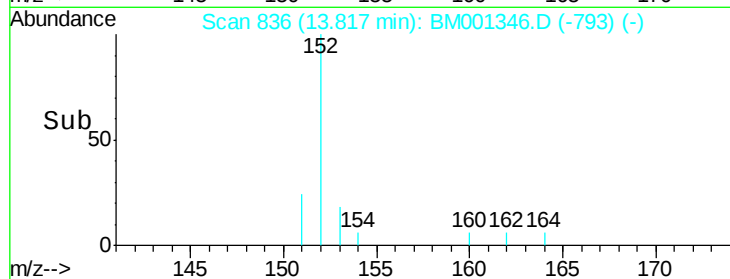
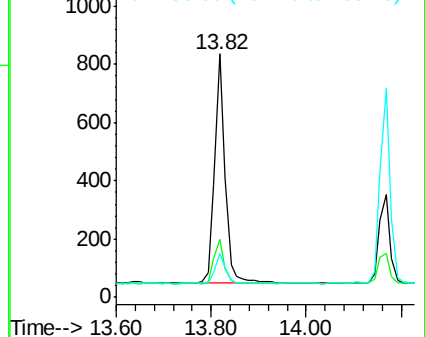
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.10 ng

RT: 14.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

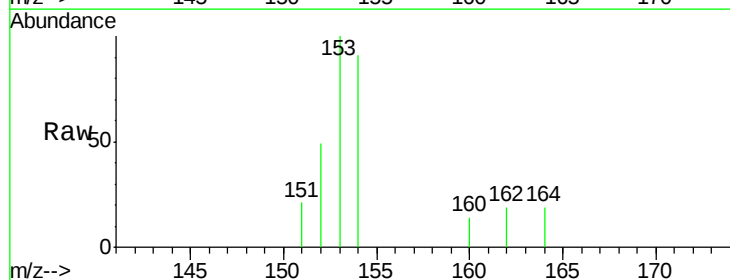
Tgt Ion:154 Resp: 878

Ion Ratio Lower Upper

154 100

153 114.9 90.6 135.8

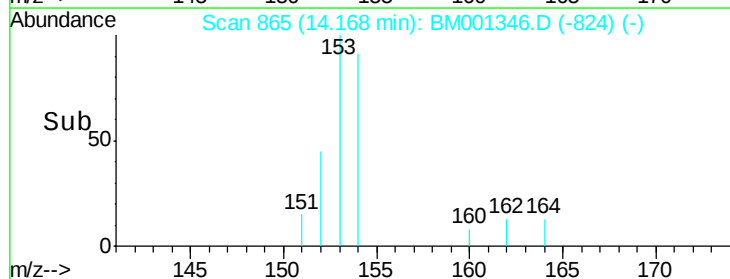
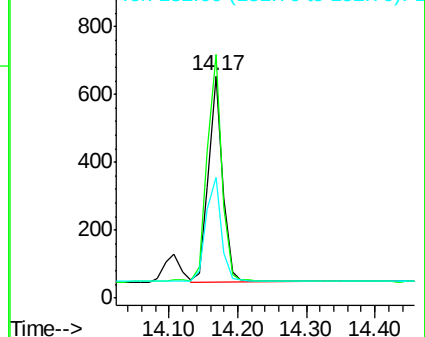
152 55.8 43.6 65.4

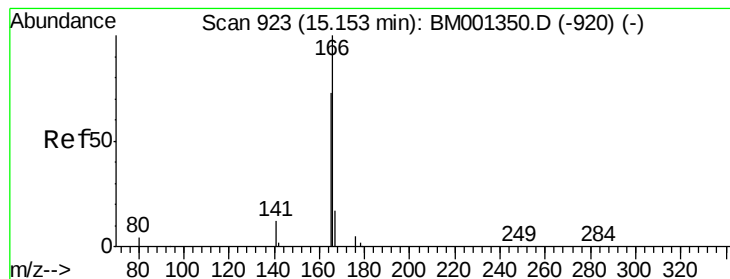


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.11 ng

RT: 15.15 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

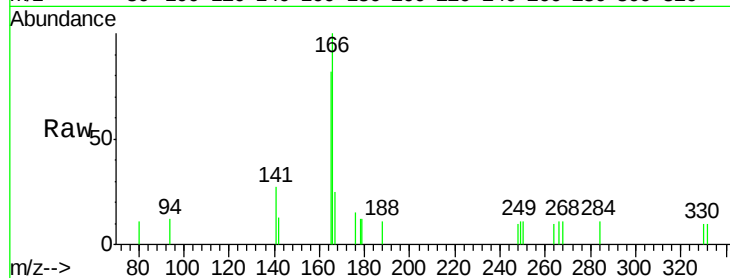
Tgt Ion:166 Resp: 950

Ion Ratio Lower Upper

166 100

165 95.7 72.5 108.7

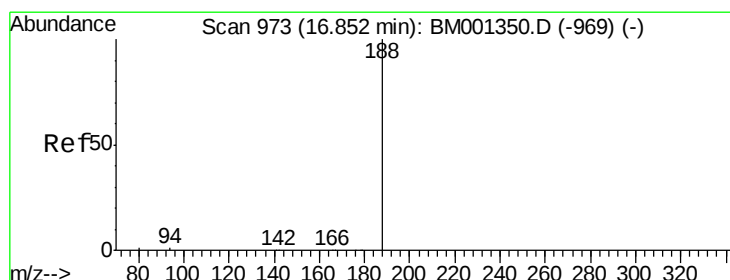
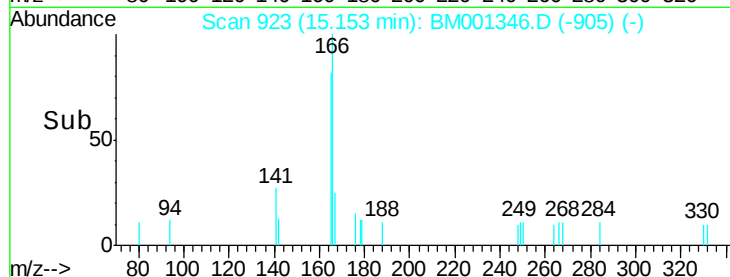
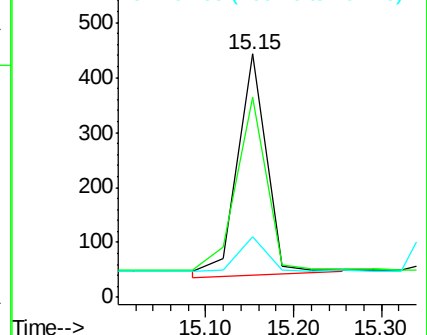
167 14.4 16.0 24.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

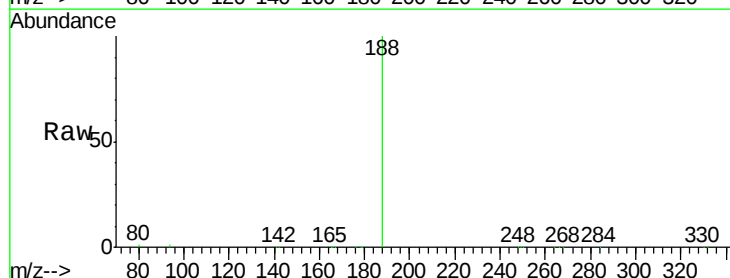
Tgt Ion:188 Resp: 86039

Ion Ratio Lower Upper

188 100

94 1.1 0.6 1.0#

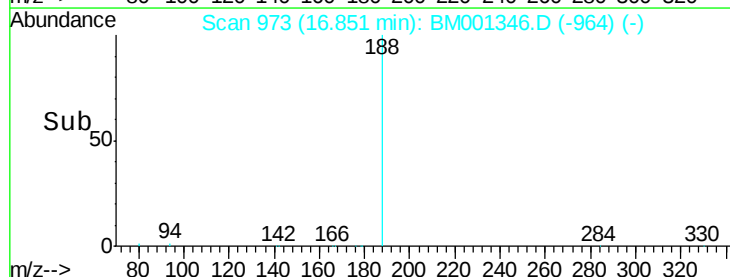
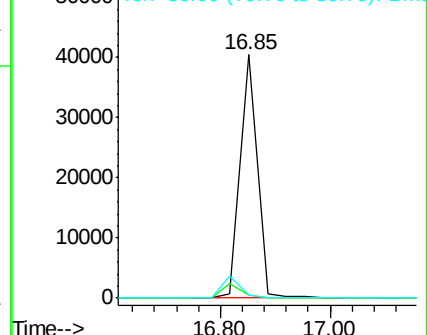
80 1.0 0.6 0.8#

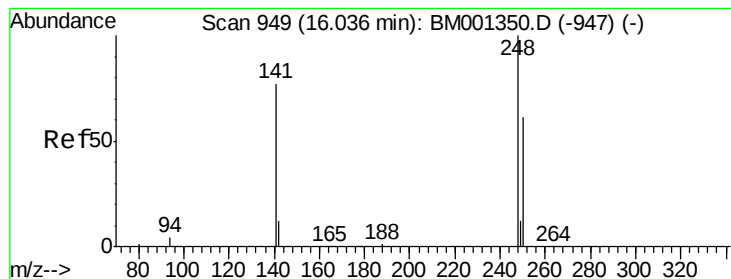


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.09 ng

RT: 16.04 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

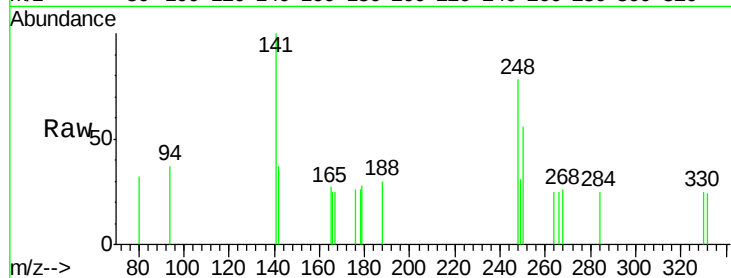
Tgt Ion:248 Resp: 279

Ion Ratio Lower Upper

248 100

250 68.1 51.5 77.3

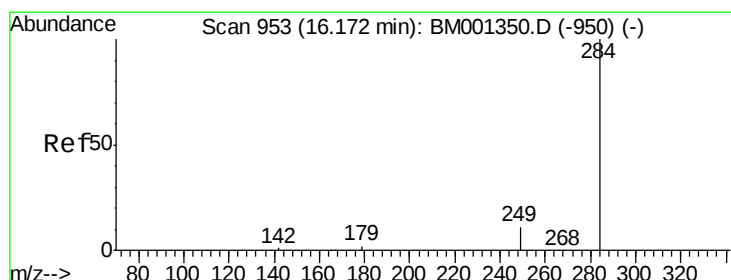
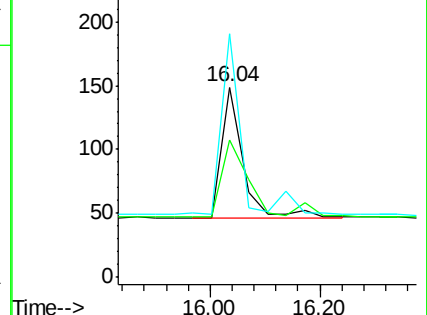
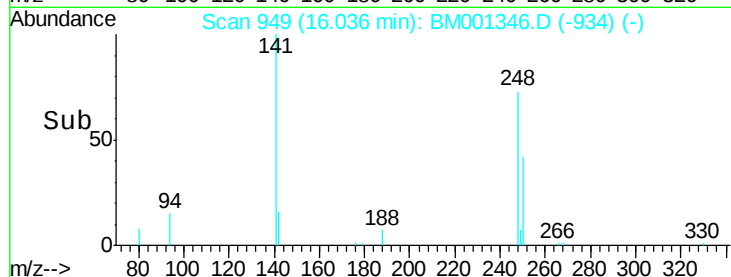
141 109.7 59.0 88.6#



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



#20

Hexachlorobenzene

Concen: 0.10 ng

RT: 16.17 min Scan# 953

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

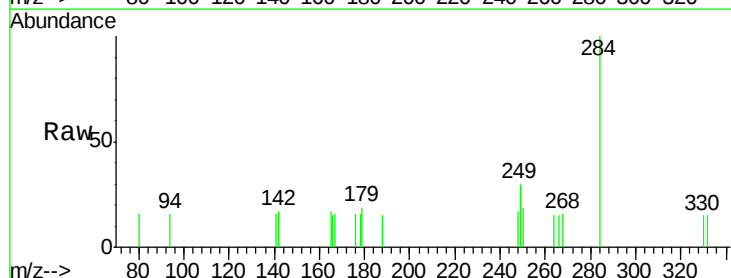
Tgt Ion:284 Resp: 565

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

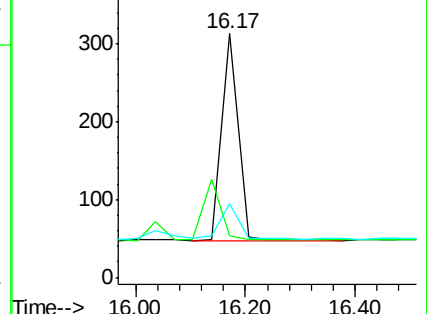
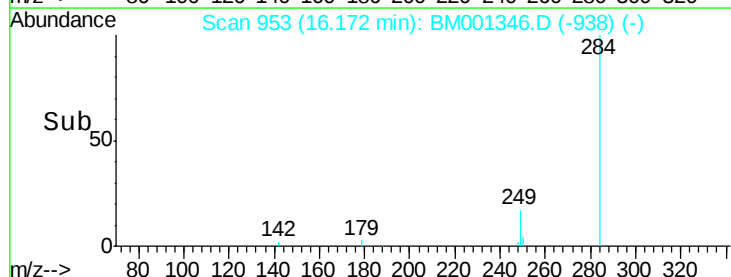
249 19.5 11.1 16.7#

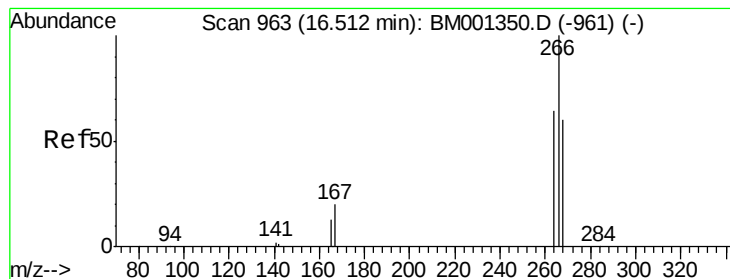


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.04 ng

RT: 16.51 min Scan# 963

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

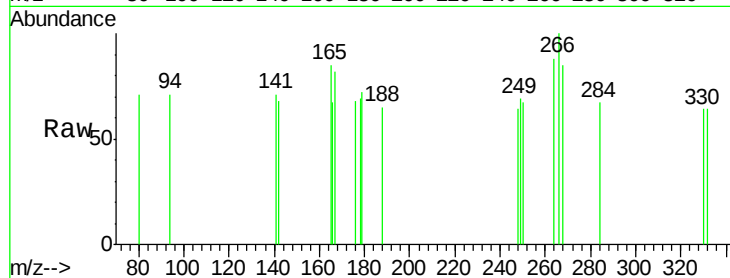
Tgt Ion:266 Resp: 88

Ion Ratio Lower Upper

266 100

268 84.7 51.2 76.8#

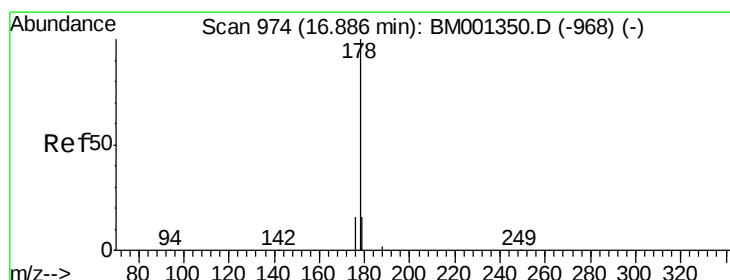
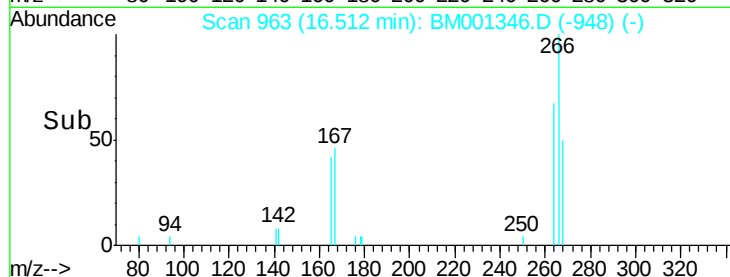
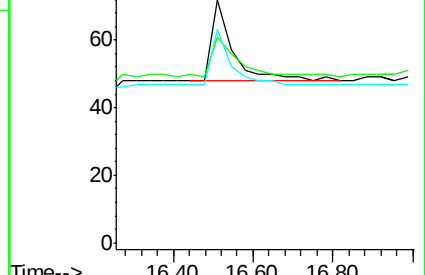
264 87.5 53.7 80.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.09 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

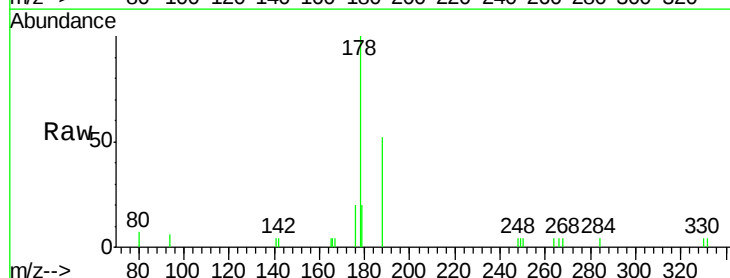
Tgt Ion:178 Resp: 2751

Ion Ratio Lower Upper

178 100

176 18.1 16.6 25.0

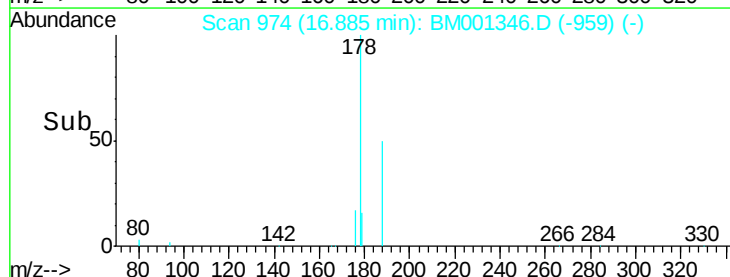
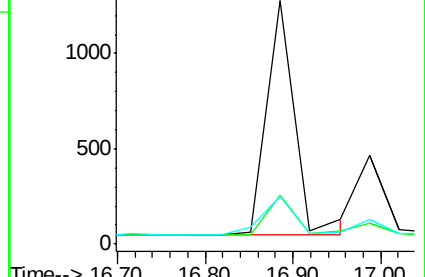
179 18.9 12.8 19.2

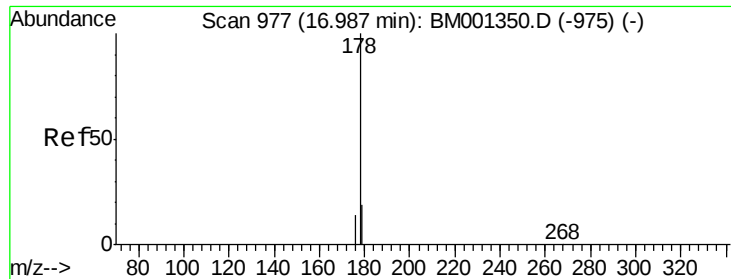


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.09 ng

RT: 16.99 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

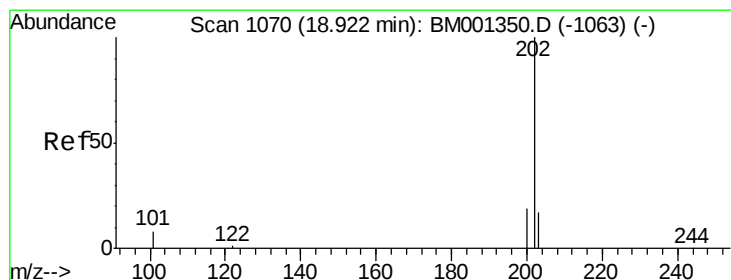
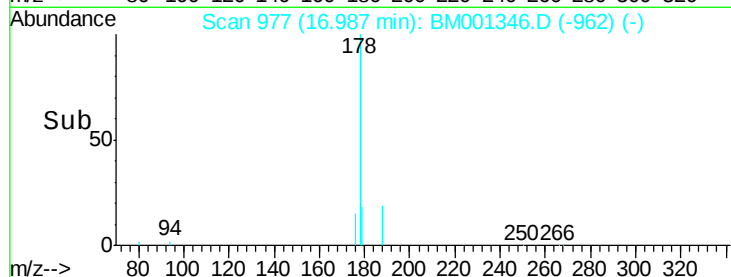
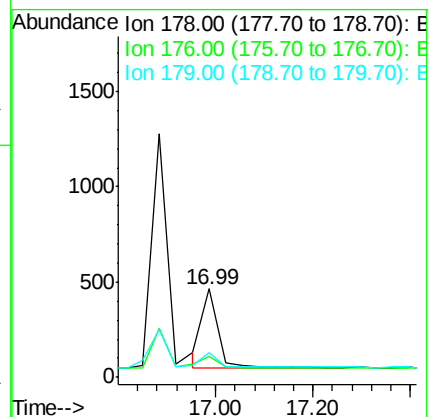
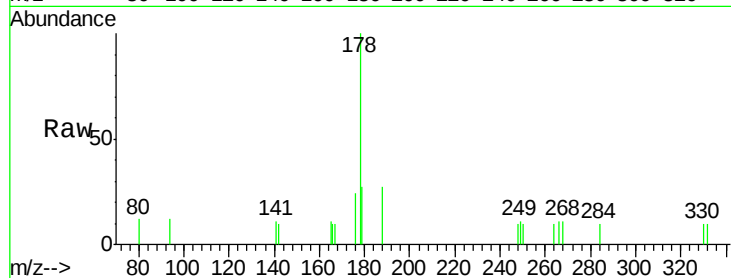
Tgt Ion:178 Resp: 966

Ion Ratio Lower Upper

178 100

176 15.4 46.1 69.1#

179 18.3 35.4 53.0#



#24

Fluoranthene

Concen: 0.09 ng

RT: 18.92 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

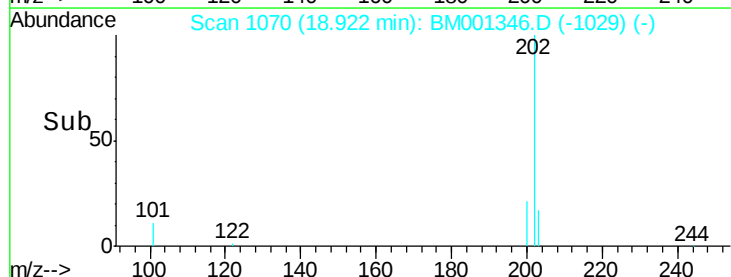
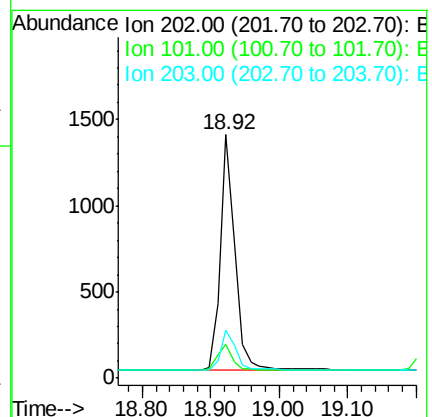
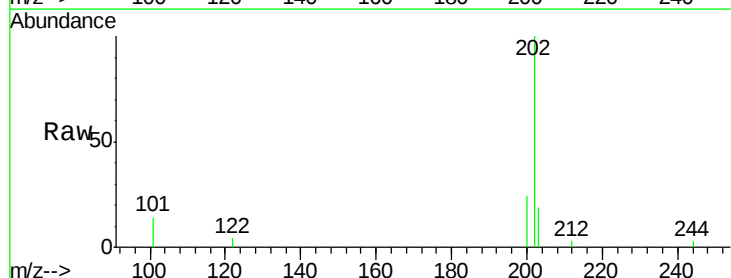
Tgt Ion:202 Resp: 2014

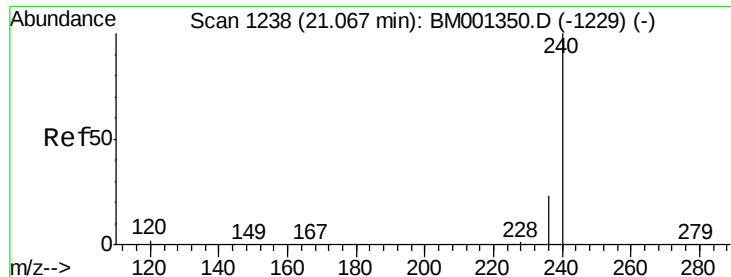
Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

203 16.9 13.8 20.6

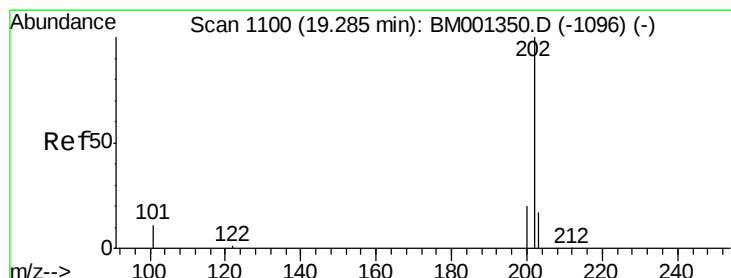
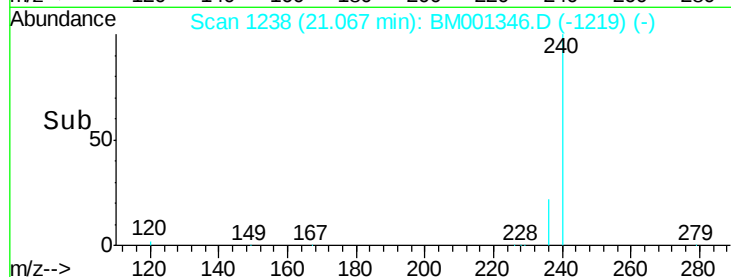
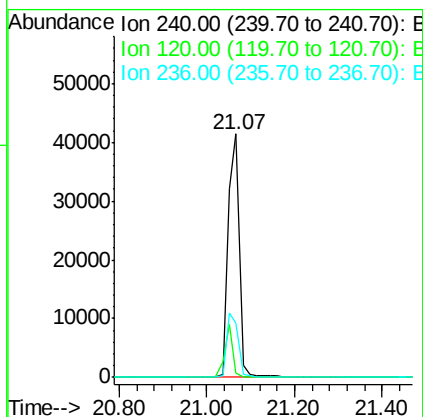
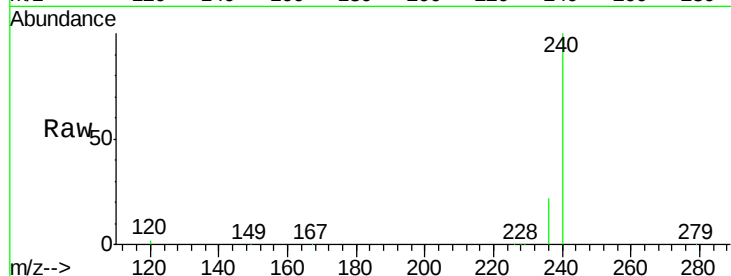




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

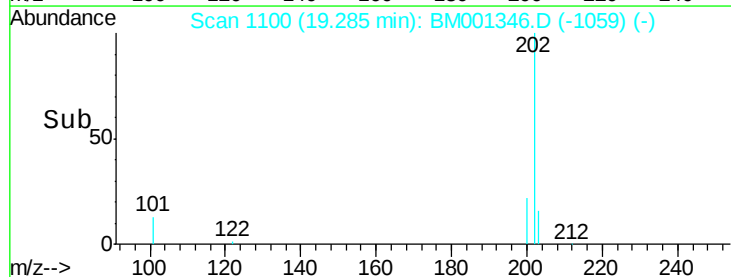
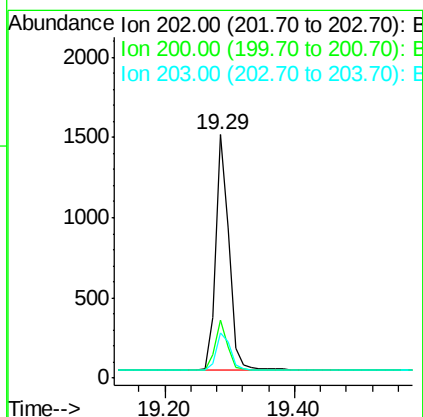
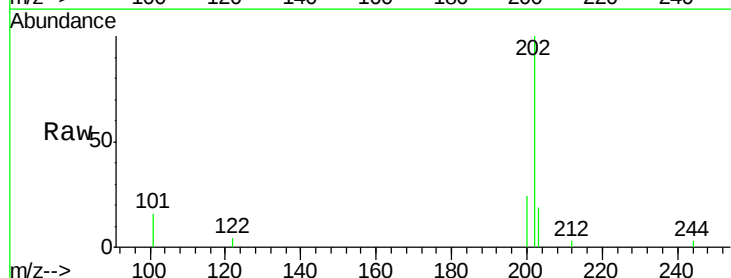
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

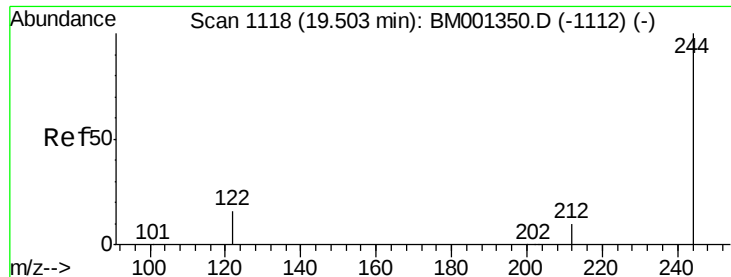
Tgt Ion:240 Resp: 72496
Ion Ratio Lower Upper
240 100
120 1.7 1.6 2.4
236 22.4 18.5 27.7



#26
Pyrene
Concen: 0.10 ng
RT: 19.29 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:202 Resp: 2130
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.7 13.9 20.9

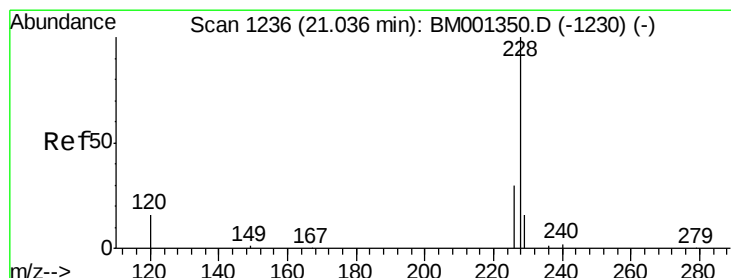
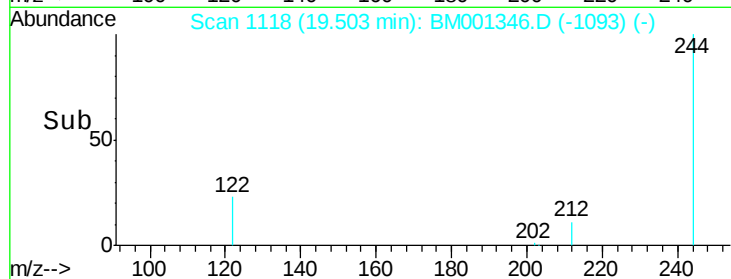
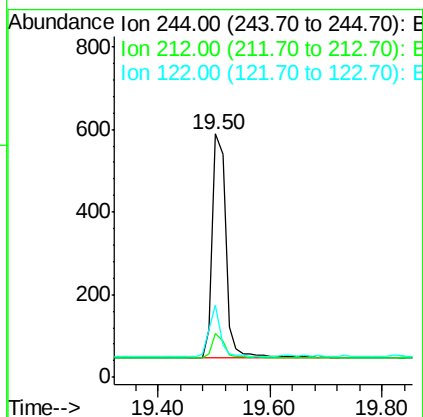
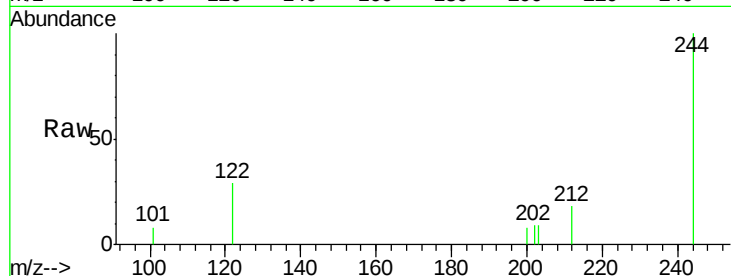




#27
 Terphenyl-d14
 Concen: 0.10 ng
 RT: 19.50 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BM001346.D
 Acq: 21 May 2015 05:37

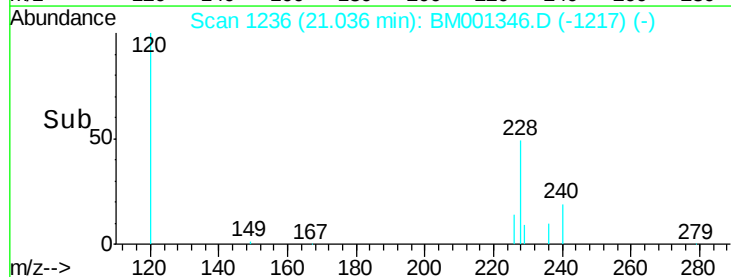
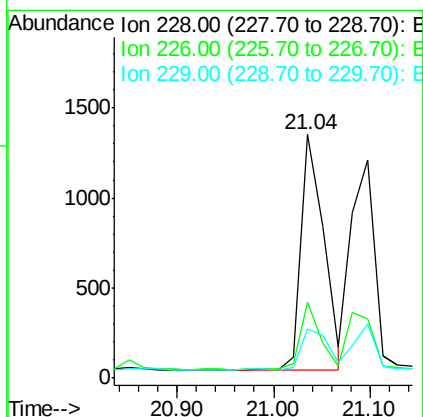
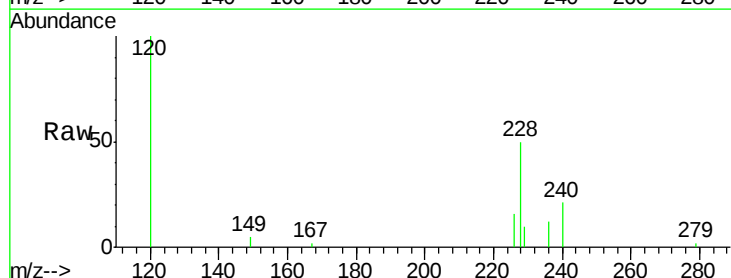
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

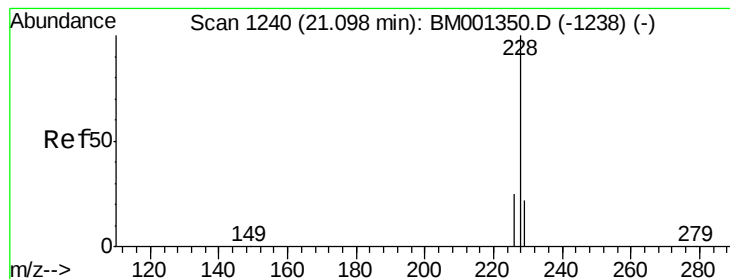
Tgt Ion:244 Resp: 928
 Ion Ratio Lower Upper
 244 100
 212 17.8 8.5 12.7#
 122 29.4 13.4 20.2#



#28
 Benzo(a)anthracene
 Concen: 0.11 ng
 RT: 21.04 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BM001346.D
 Acq: 21 May 2015 05:37

Tgt Ion:228 Resp: 2128
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.5 36.7
 229 20.3 13.3 19.9#





#29

Chrysene

Concen: 0.11 ng

RT: 21.10 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

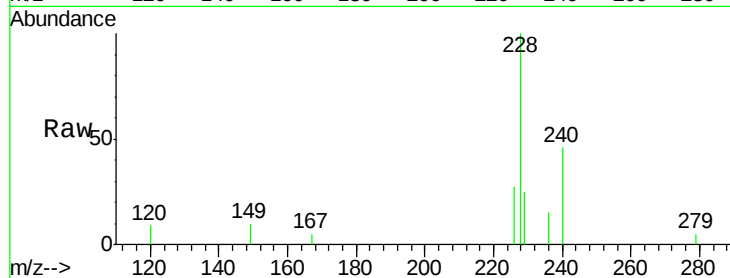
Tgt Ion: 228 Resp: 2041

Ion Ratio Lower Upper

228 100

226 26.9 20.0 30.0

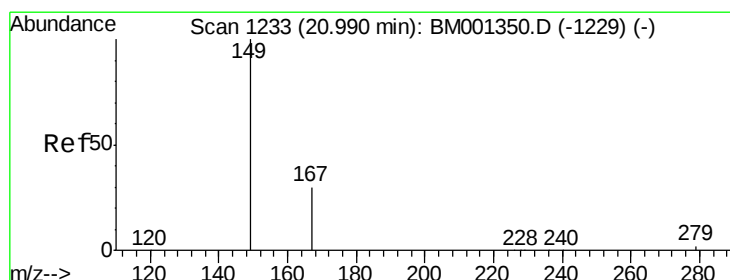
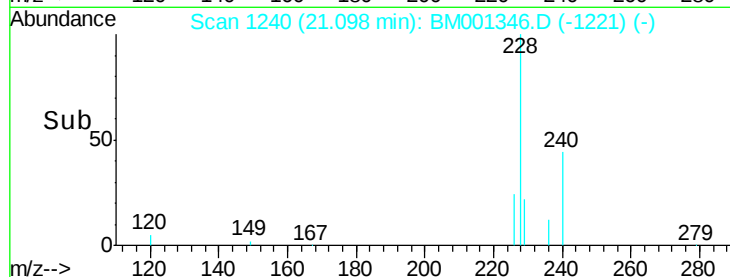
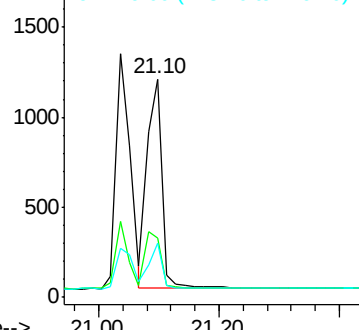
229 24.9 17.6 26.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 20.99 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

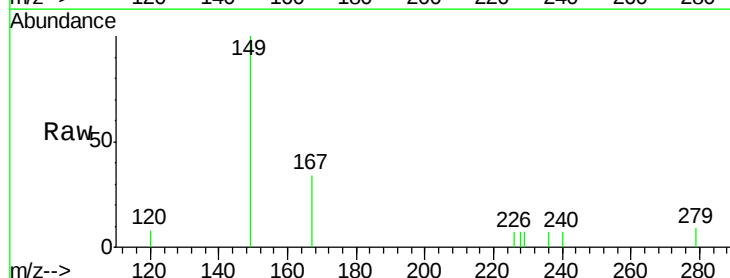
Tgt Ion: 149 Resp: 936

Ion Ratio Lower Upper

149 100

167 26.3 21.6 32.4

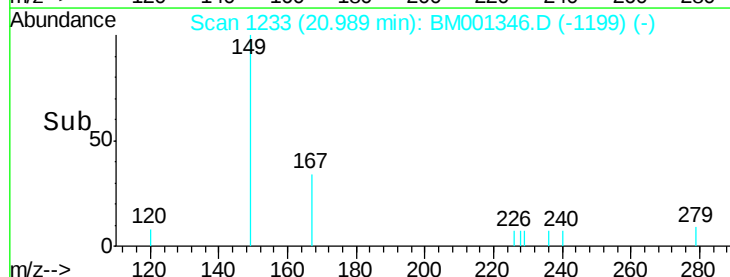
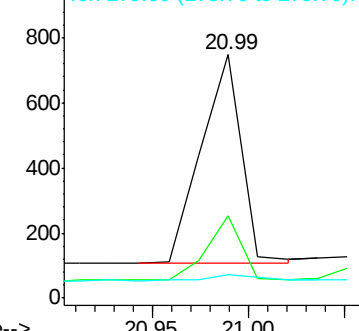
279 0.0 1.9 2.9#

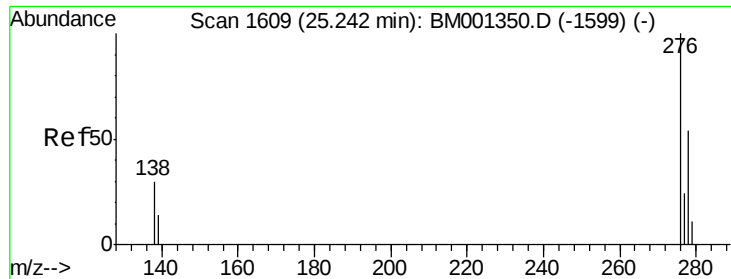


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng

RT: 25.24 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

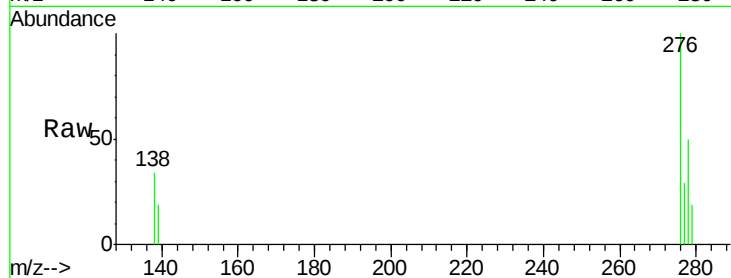
Tgt Ion:276 Resp: 2112

Ion Ratio Lower Upper

276 100

138 29.8 24.2 36.4

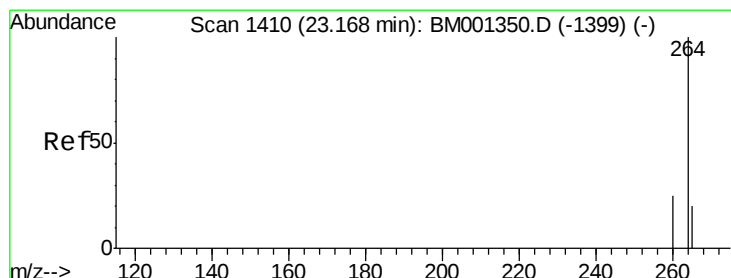
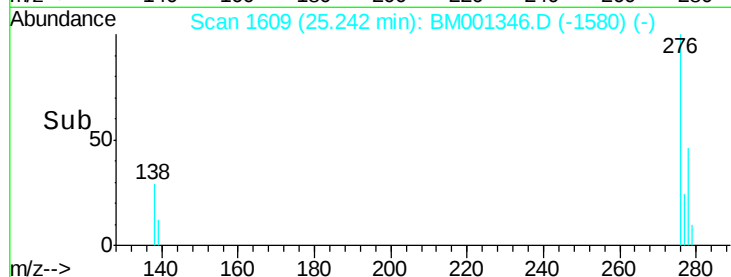
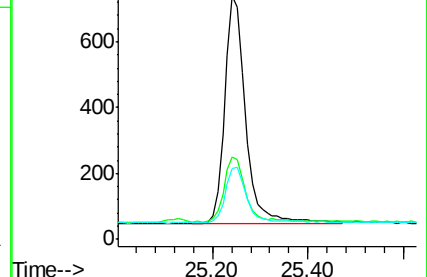
277 24.3 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

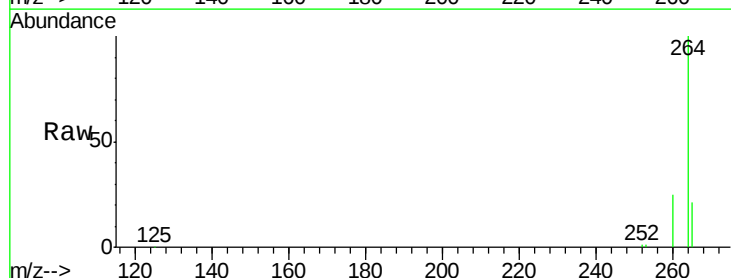
Tgt Ion:264 Resp: 69965

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

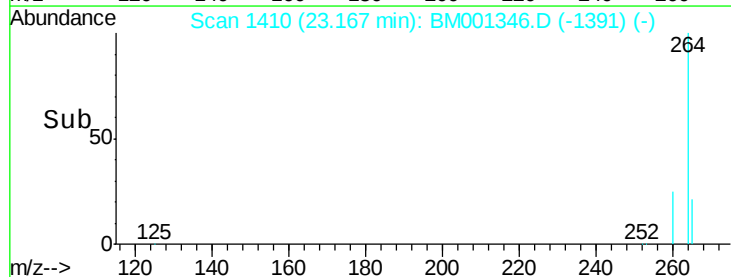
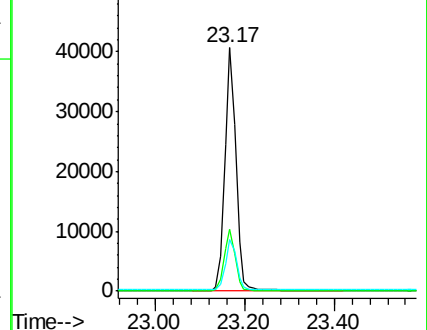
265 21.2 16.6 24.8

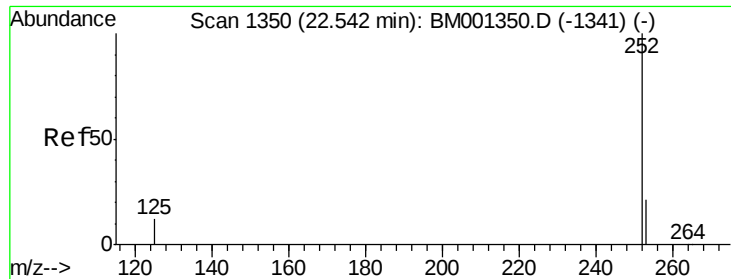


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.10 ng

RT: 22.54 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

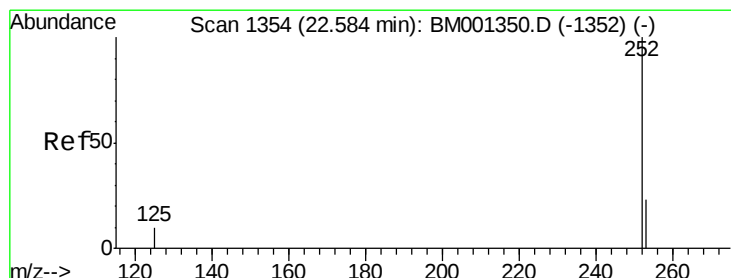
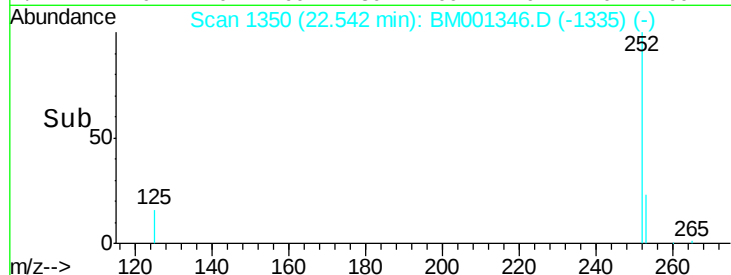
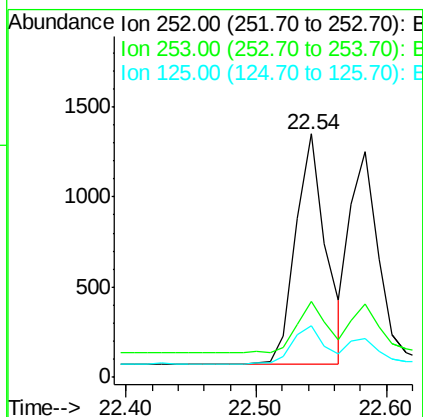
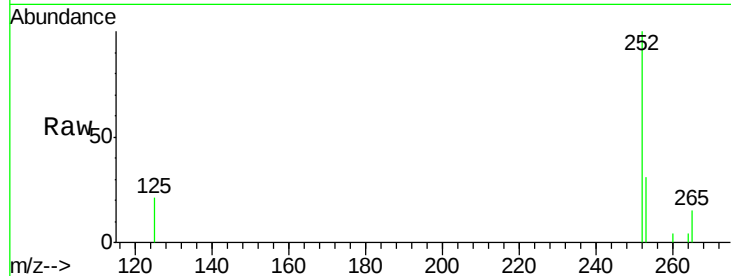
Tgt Ion:252 Resp: 2057

Ion Ratio Lower Upper

252 100

253 31.4 17.9 26.9#

125 21.3 9.8 14.8#



#34

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 22.58 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

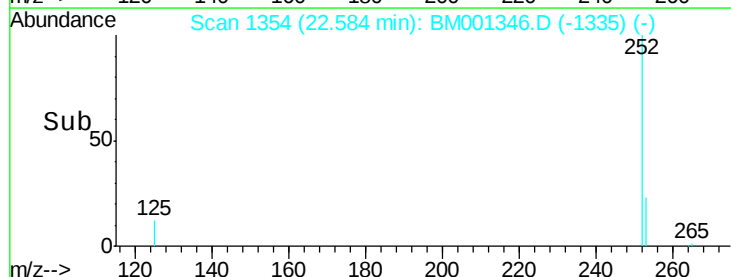
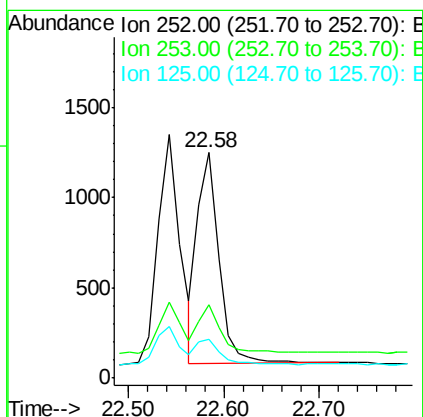
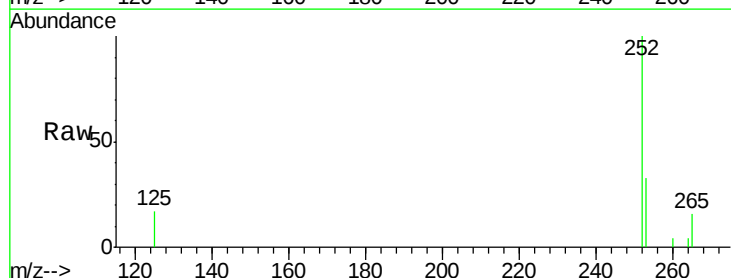
Tgt Ion:252 Resp: 1838

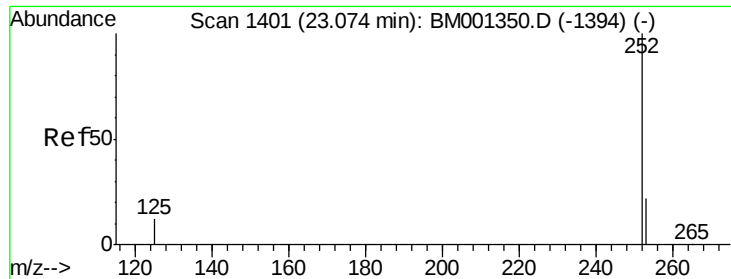
Ion Ratio Lower Upper

252 100

253 32.8 18.6 28.0#

125 17.1 9.3 13.9#





#35

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.07 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

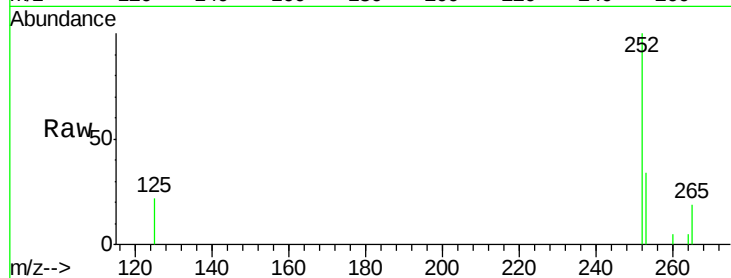
Tgt Ion:252 Resp: 1760

Ion Ratio Lower Upper

252 100

253 33.9 18.9 28.3#

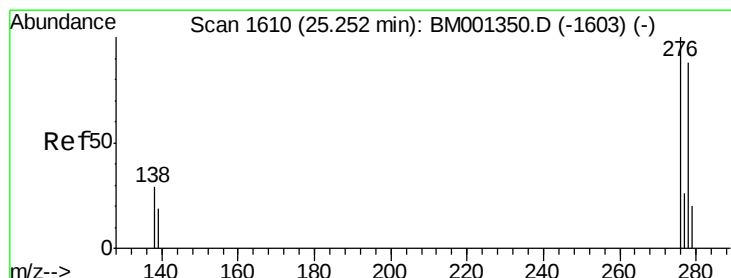
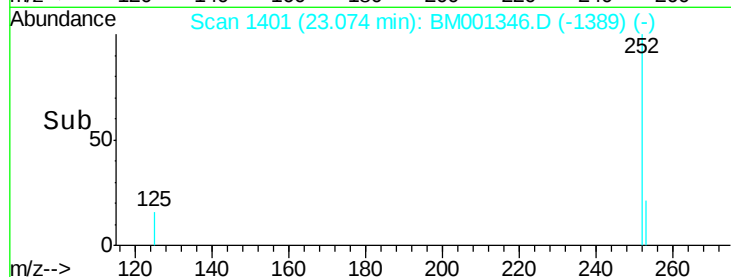
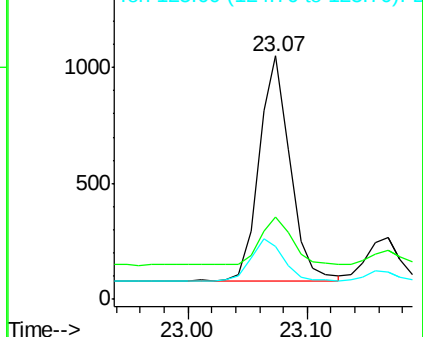
125 21.8 10.6 15.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 25.26 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BM001346.D

Acq: 21 May 2015 05:37

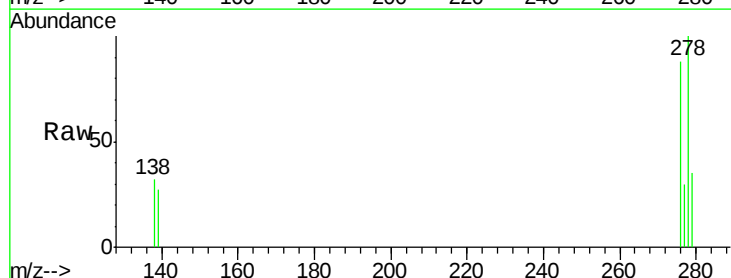
Tgt Ion:278 Resp: 1609

Ion Ratio Lower Upper

278 100

139 26.6 17.5 26.3#

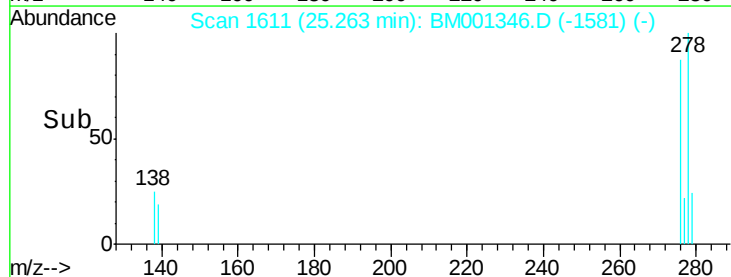
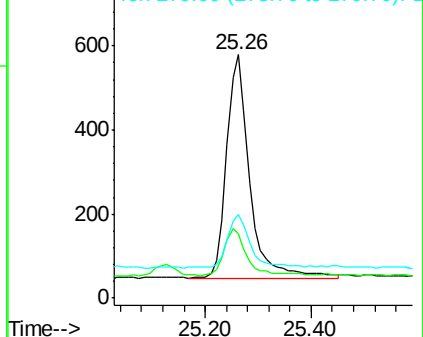
279 34.5 18.7 28.1#

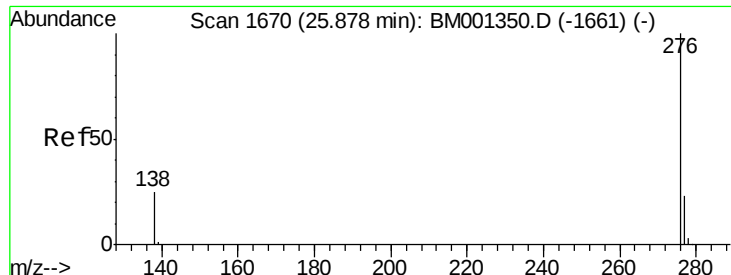


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 25.88 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM001346.D

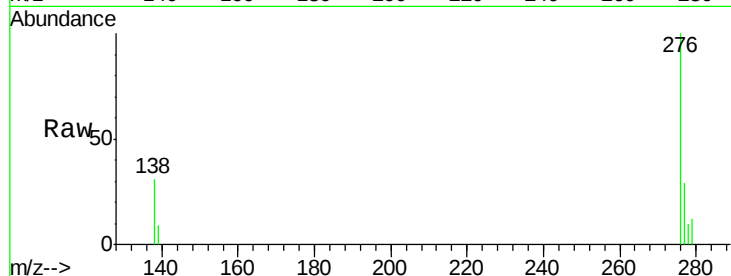
Acq: 21 May 2015 05:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



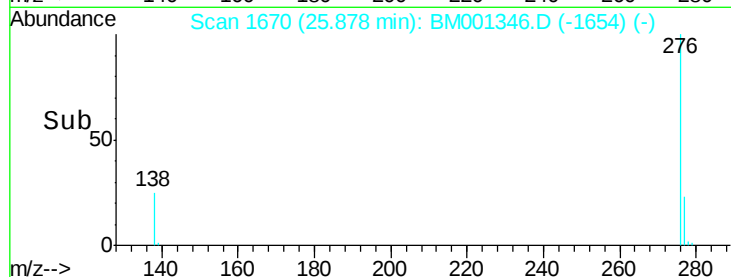
Tgt Ion: 276 Resp: 1810

Ion Ratio Lower Upper

276 100

277 29.1 19.2 28.8#

138 31.2 20.2 30.4#



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

