

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001656.D
 Acq On : 12 Jun 2015 00:00
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 12 02:10:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 02:07:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	18457	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	66382	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	33239	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	44011	5.00	ng	0.00
25) Chrysene-d12	21.27	240	58469	5.00	ng	0.00
32) Perylene-d12	23.50	264	46683	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	885	0.21	ng	0.00
5) Phenol-d6	6.84	99	1091	0.21	ng	0.00
7) Nitrobenzene-d5	8.85	82	1001	0.21	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	232	0.17	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	2460	0.23	ng	0.00
27) Terphenyl-d14	19.72	244	1804	0.23	ng	0.00

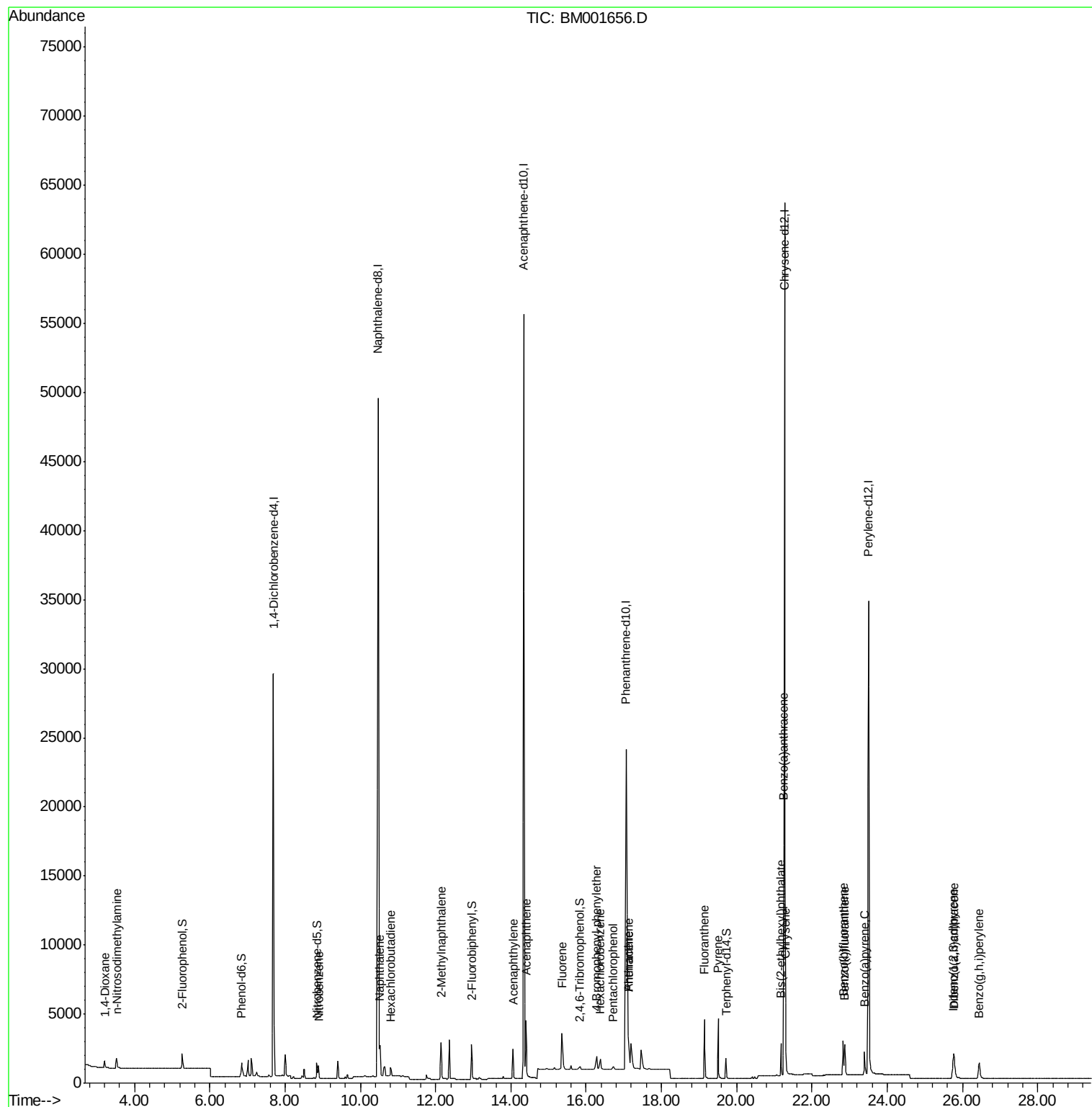
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	559	0.27	ng	86
3) n-Nitrosodimethylamine	3.52	42	637	0.22	ng	# 92
8) Nitrobenzene	8.89	77	1064	0.21	ng	100
9) Naphthalene	10.52	128	3412	0.23	ng	94
10) Hexachlorobutadiene	10.80	225	579	0.23	ng	98
11) 2-Methylnaphthalene	12.15	142	2171	0.24	ng	96
15) Acenaphthylene	14.06	152	2995	0.20	ng	99
16) Acenaphthene	14.40	154	2072	0.22	ng	100
17) Fluorene	15.36	166	2058	0.30	ng	99
19) 4-Bromophenyl-phenylether	16.27	248	827	0.20	ng	# 98
20) Hexachlorobenzene	16.38	284	811	0.32	ng	96
21) Pentachlorophenol	16.72	266	137	0.17	ng	# 77
22) Phenanthrene	17.12	178	3022	0.20	ng	# 99
23) Anthracene	17.12	178	2957	0.28	ng	# 92
24) Fluoranthene	19.14	202	4113	0.23	ng	99
26) Pyrene	19.50	202	4161	0.22	ng	100
28) Benzo(a)anthracene	21.25	228	3873	0.22	ng	98
29) Chrysene	21.30	228	3713	0.23	ng	97
30) Bis(2-ethylhexyl)phthalate	21.18	149	2283	0.23	ng	98
31) Indeno(1,2,3-cd)pyrene	25.75	276	2810	0.18	ng	99
33) Benzo(b)fluoranthene	22.82	252	3098	0.22	ng	# 92
34) Benzo(k)fluoranthene	22.87	252	3026	0.22	ng	# 90
35) Benzo(a)pyrene	23.40	252	2514	0.20	ng	# 89
36) Dibenzo(a,h)anthracene	25.77	278	2184	0.20	ng	# 88
37) Benzo(g,h,i)perylene	26.44	276	2432	0.20	ng	91

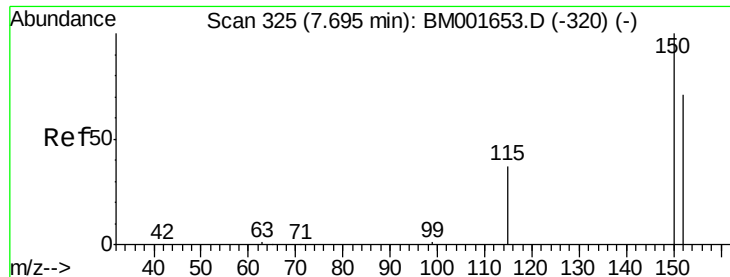
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001656.D
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Misc :
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
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QLast Update : Fri Jun 12 02:07:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

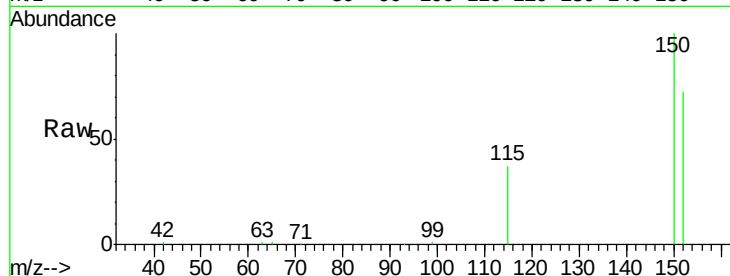
Tgt Ion: 152 Resp: 18457

Ion Ratio Lower Upper

152 100

150 138.8 112.2 168.2

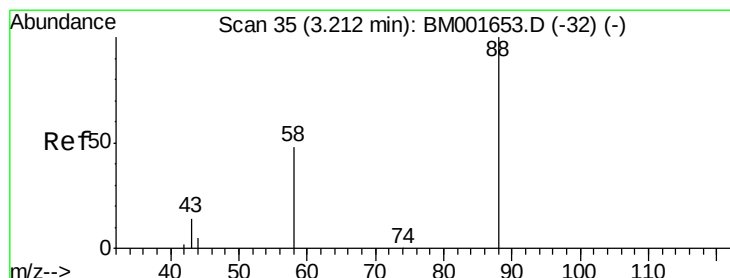
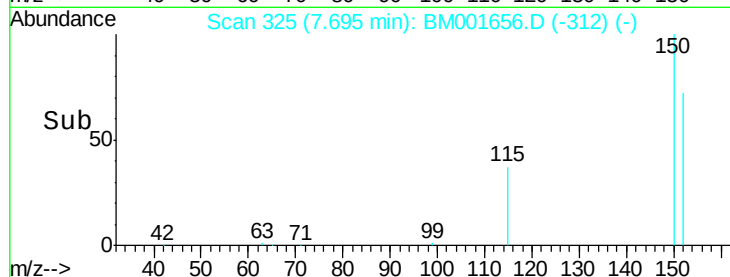
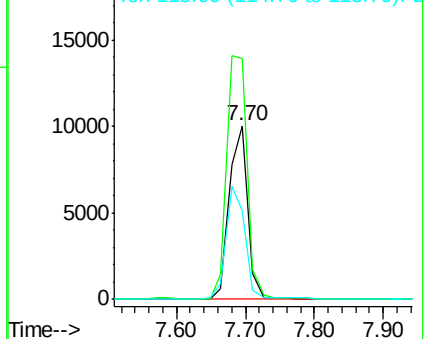
115 51.1 41.7 62.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.27 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

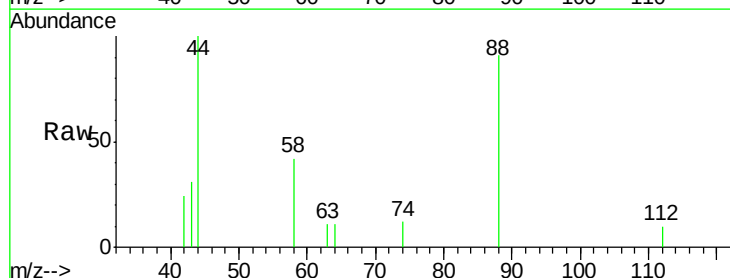
Tgt Ion: 88 Resp: 559

Ion Ratio Lower Upper

88 100

58 71.9 70.5 105.7

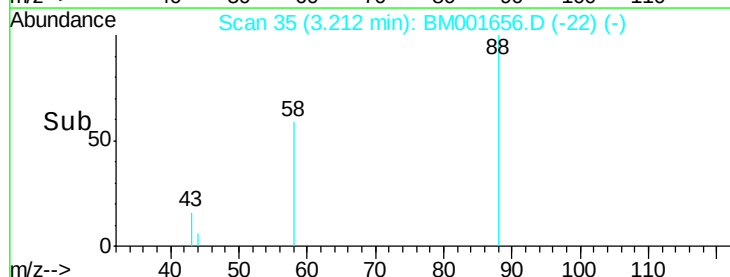
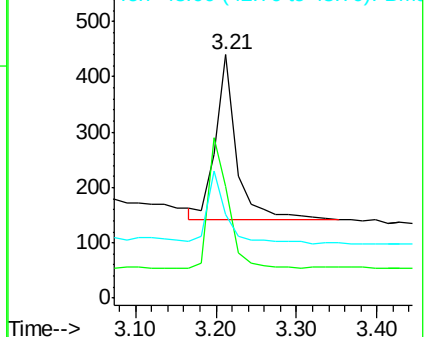
43 36.7 33.3 49.9

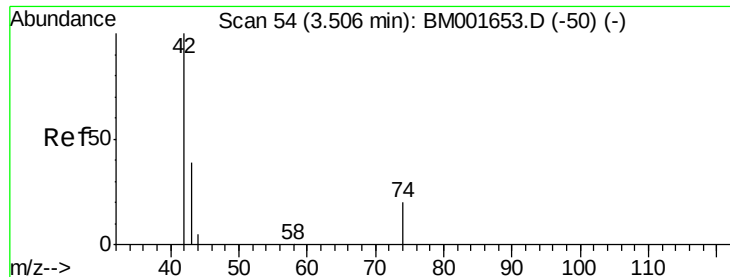


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.02 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

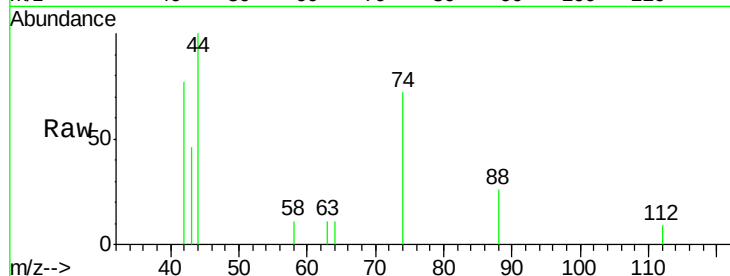
Tgt Ion: 42 Resp: 637

Ion Ratio Lower Upper

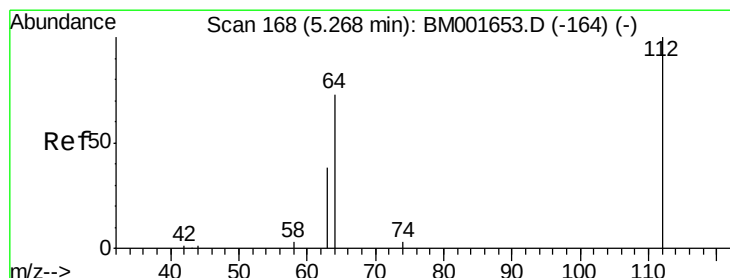
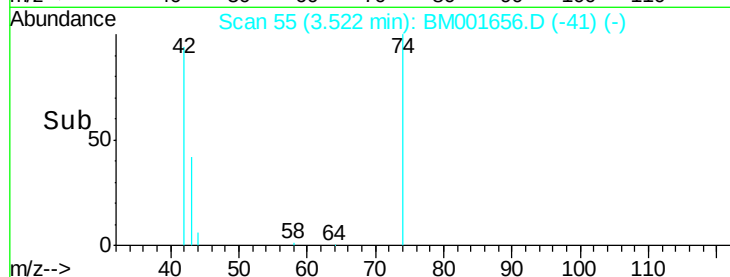
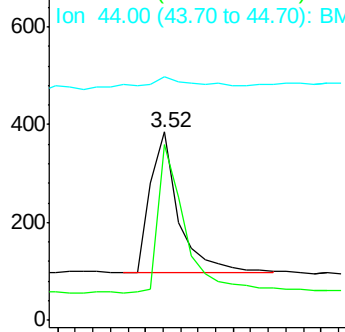
42 100

74 100.6 75.7 113.5

44 17.7 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BM001653.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

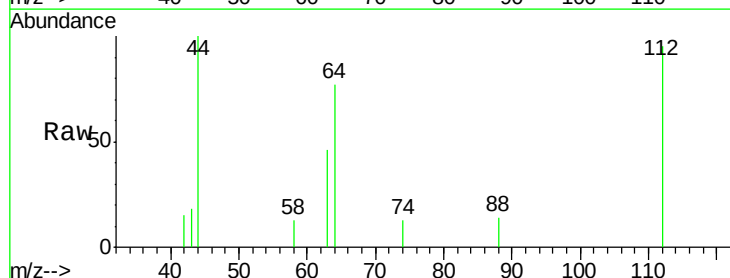
Tgt Ion: 112 Resp: 885

Ion Ratio Lower Upper

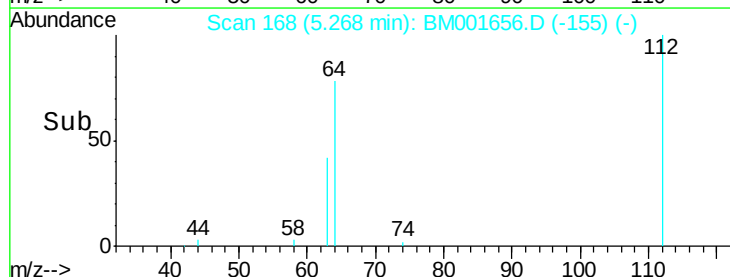
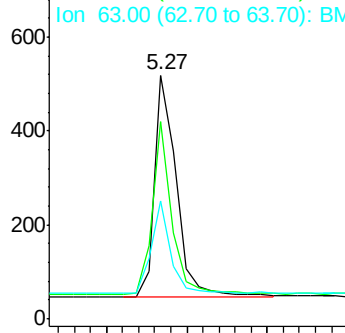
112 100

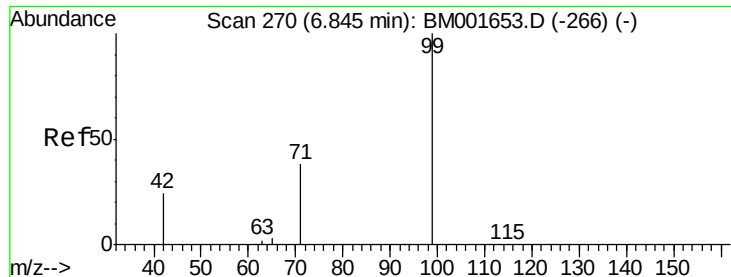
64 70.6 55.5 83.3

63 38.0 29.9 44.9



Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)





#5

Phenol-d6

Concen: 0.21 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

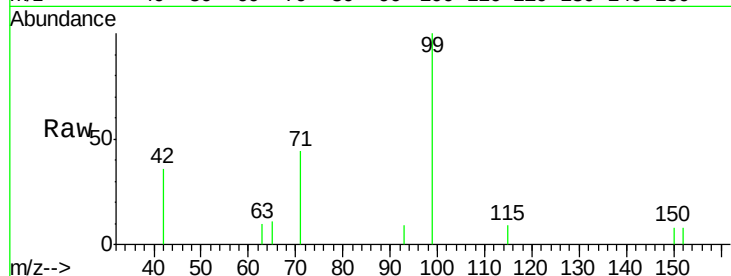
Tgt Ion: 99 Resp: 1091

Ion Ratio Lower Upper

99 100

42 28.0 21.6 32.4

71 35.2 28.7 43.1

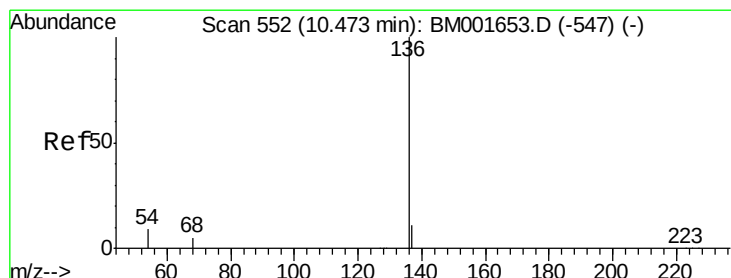
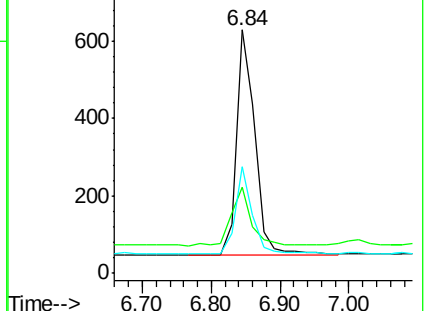
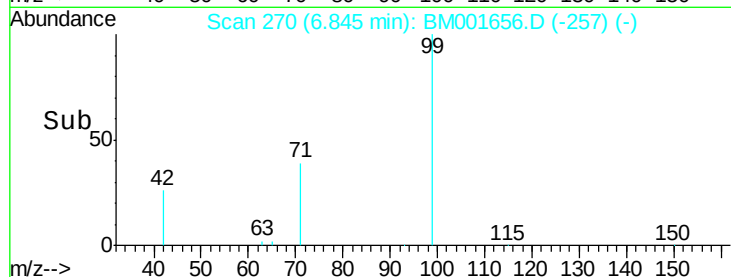


Abundance Ion 99.00 (98.70 to 99.70): BM001653.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001653.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001653.D (-266) (-)

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Tgt Ion: 136 Resp: 66382

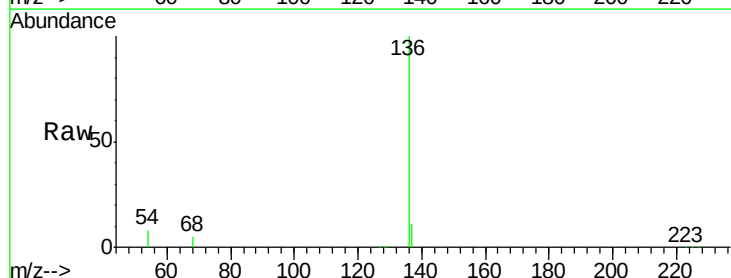
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.4 6.9 10.3

68 5.3 4.4 6.6



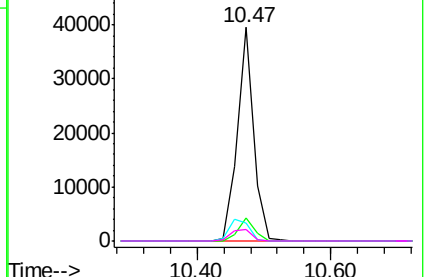
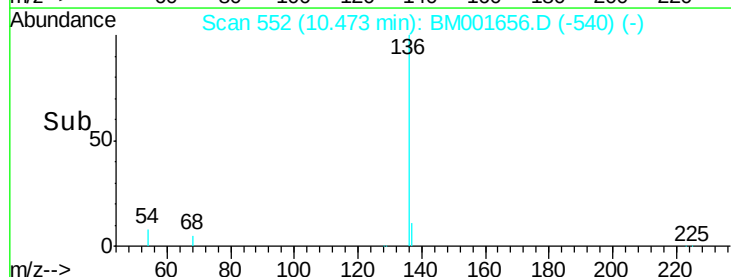
Abundance Ion 136.00 (135.70 to 136.70): BM001653.D (-547) (-)

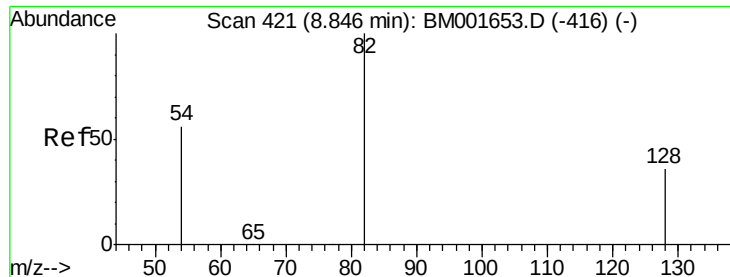
Ion 137.00 (136.70 to 137.70): BM001653.D (-547) (-)

Ion 54.00 (53.70 to 54.70): BM001653.D (-547) (-)

Ion 68.00 (67.70 to 68.70): BM001653.D (-547) (-)

Time-->





#7

Nitrobenzene-d5

Concen: 0.21 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

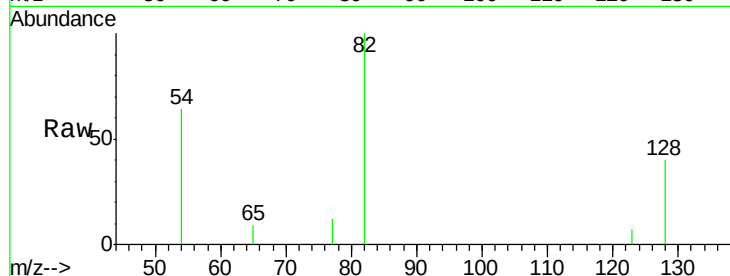
Tgt Ion: 82 Resp: 1001

Ion Ratio Lower Upper

82 100

128 39.6 29.7 44.5

54 63.5 45.1 67.7

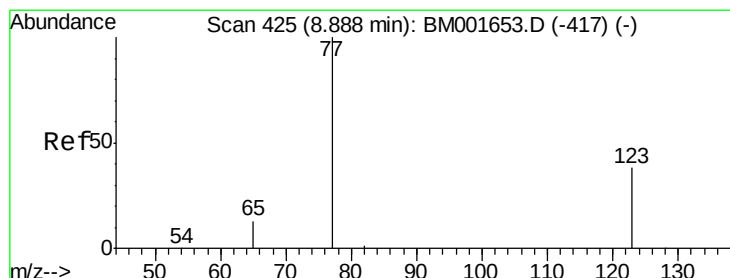
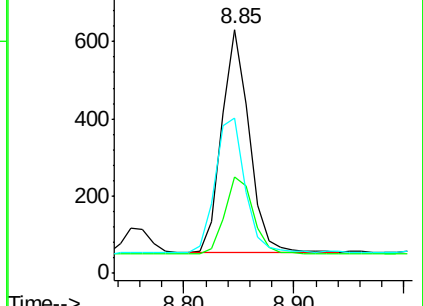
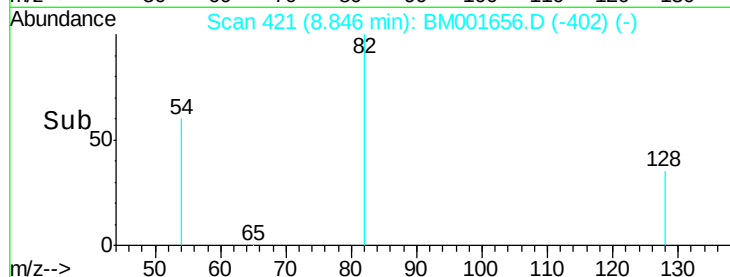


Abundance Ion 82.00 (81.70 to 82.70): BM001653.D (-416) (-)

Ion 128.00 (127.70 to 128.70): BM001653.D (-416) (-)

Ion 54.00 (53.70 to 54.70): BM001653.D (-416) (-)

Time-->



#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

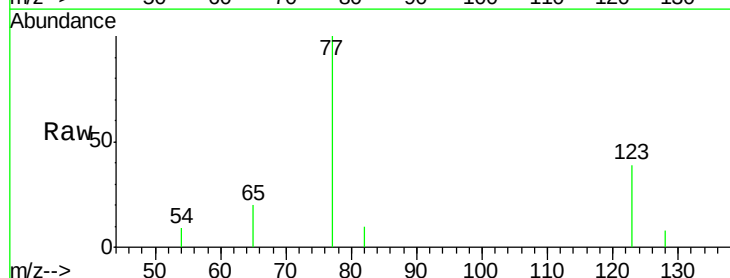
Tgt Ion: 77 Resp: 1064

Ion Ratio Lower Upper

77 100

123 38.0 30.3 45.5

65 13.9 11.2 16.8

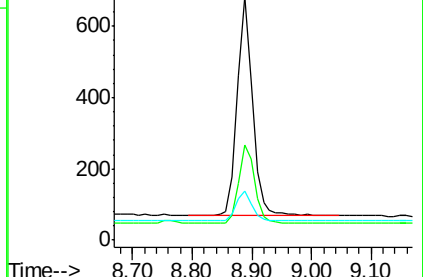
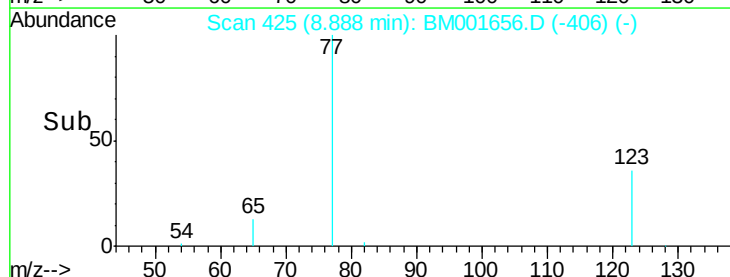


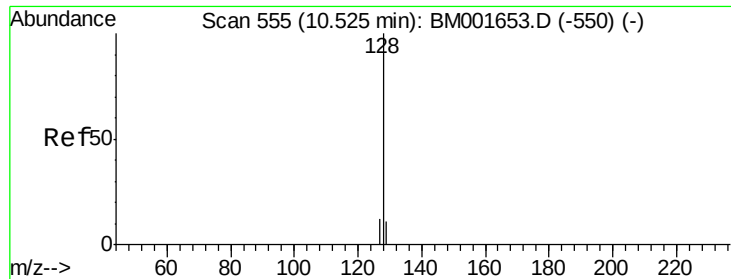
Abundance Ion 77.00 (76.70 to 77.70): BM001653.D (-417) (-)

Ion 123.00 (122.70 to 123.70): BM001653.D (-417) (-)

Ion 65.00 (64.70 to 65.70): BM001653.D (-417) (-)

Time-->





#9

Naphthalene

Concen: 0.23 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

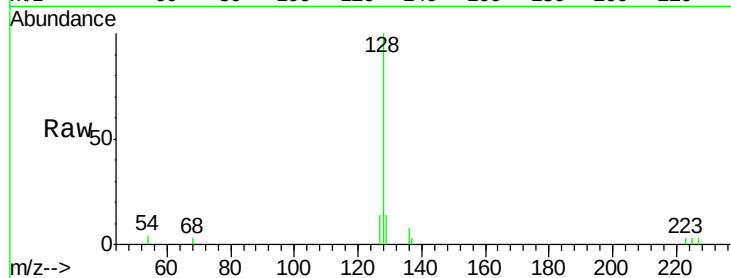
Tgt Ion:128 Resp: 3412

Ion Ratio Lower Upper

128 100

129 13.9 9.4 14.2

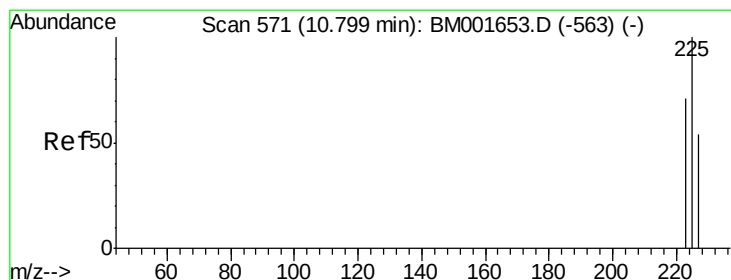
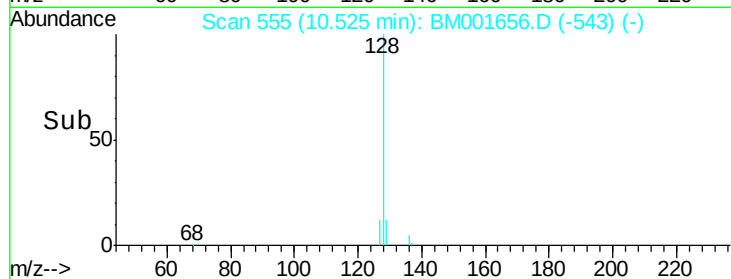
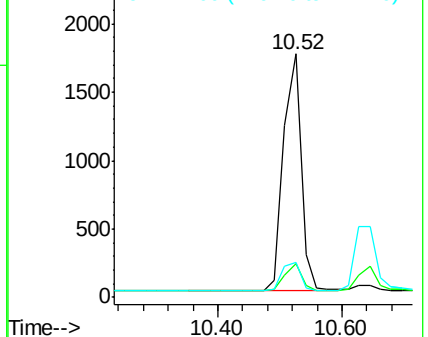
127 14.3 9.7 14.5



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

Hexachlorobutadiene

Concen: 0.23 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

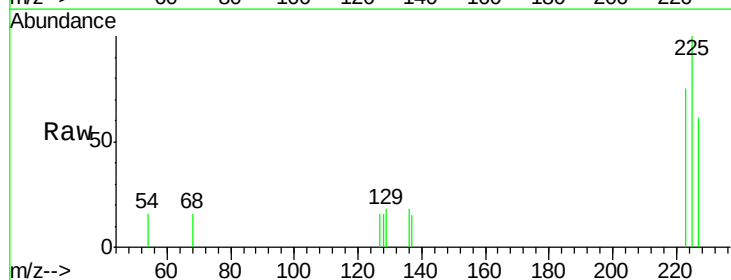
Tgt Ion:225 Resp: 579

Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.4

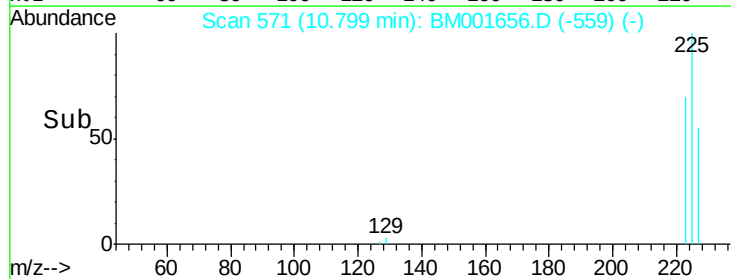
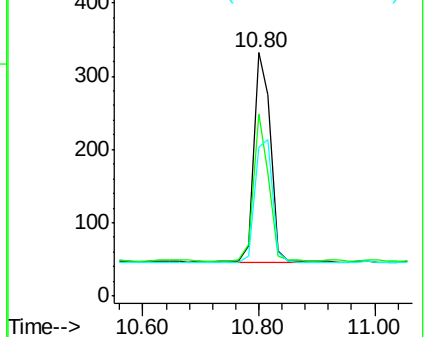
227 61.8 51.2 76.8

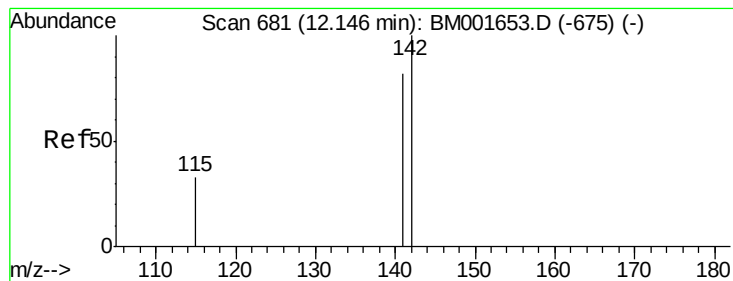


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

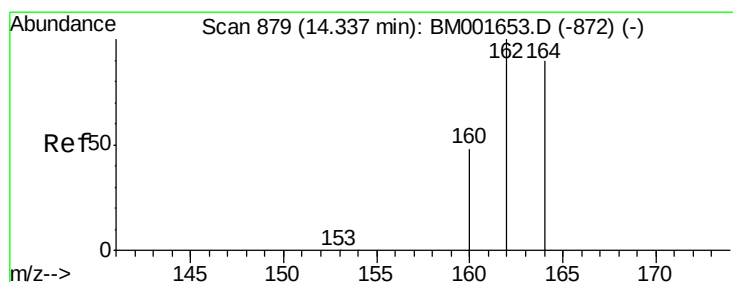
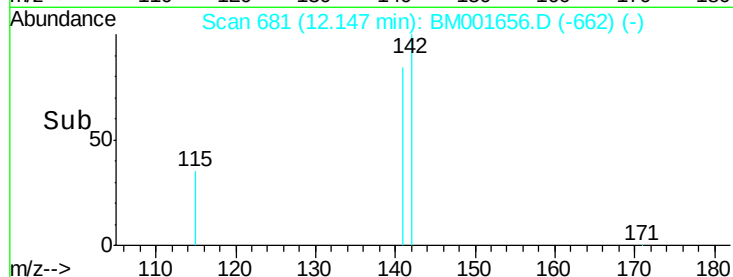
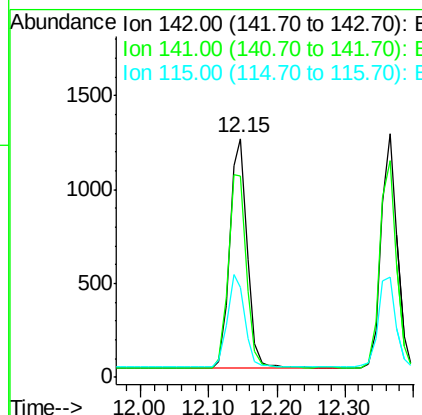
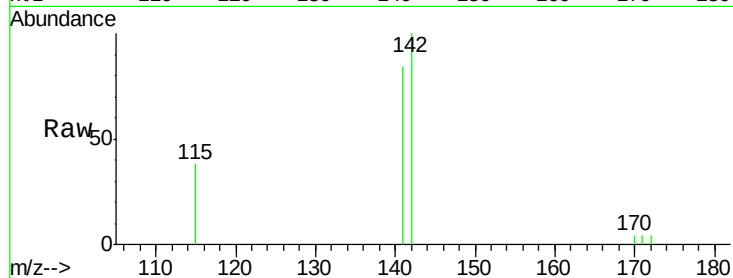




#11
2-Methylnaphthalene
Concen: 0.24 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

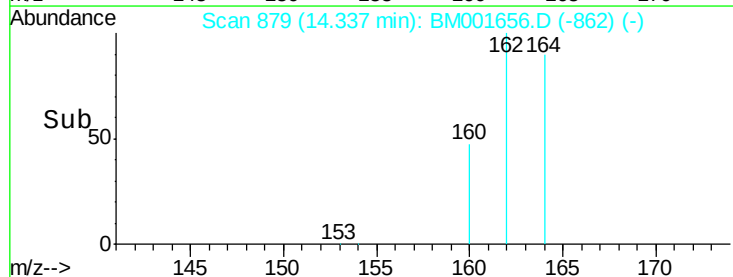
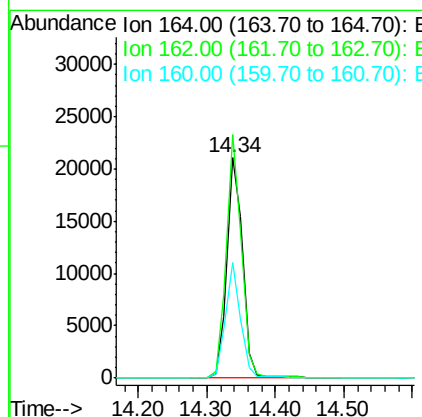
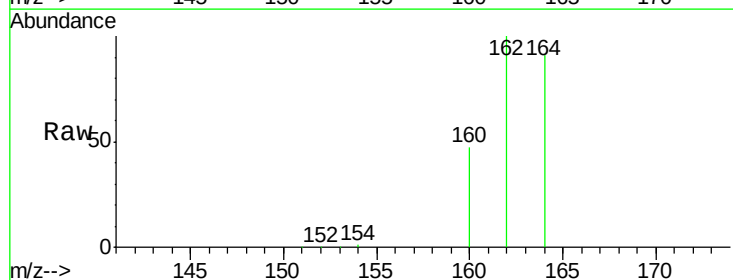
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

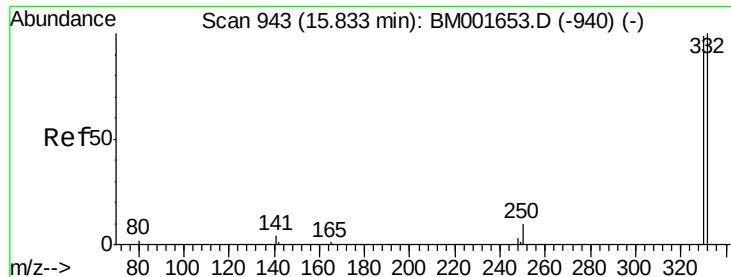
Tgt Ion:142 Resp: 2171
Ion Ratio Lower Upper
142 100
141 84.2 65.8 98.6
115 37.7 27.0 40.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:164 Resp: 33239
Ion Ratio Lower Upper
164 100
162 110.5 89.0 133.4
160 52.3 42.6 63.8

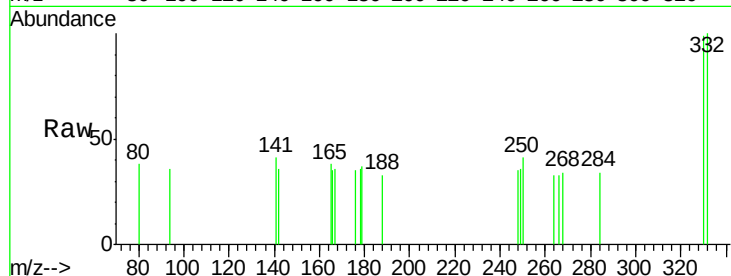




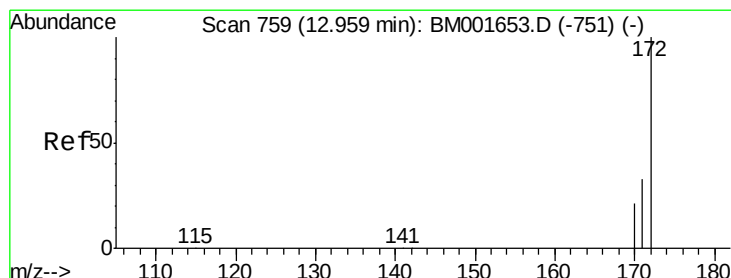
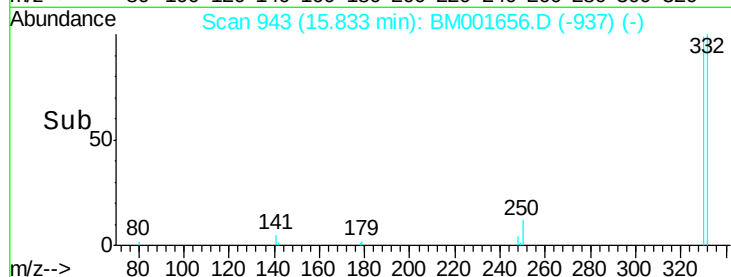
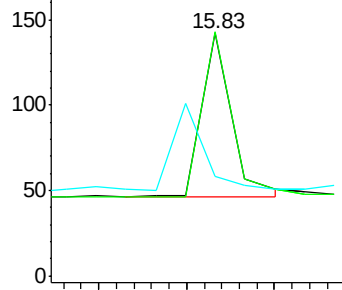
#13
 2,4,6-Tribromophenol
 Concen: 0.17 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001656.D
 Acq: 12 Jun 2015 00:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 330 Resp: 232
 Ion Ratio Lower Upper
 330 100
 332 99.1 80.6 120.8
 141 0.0 0.0 0.0

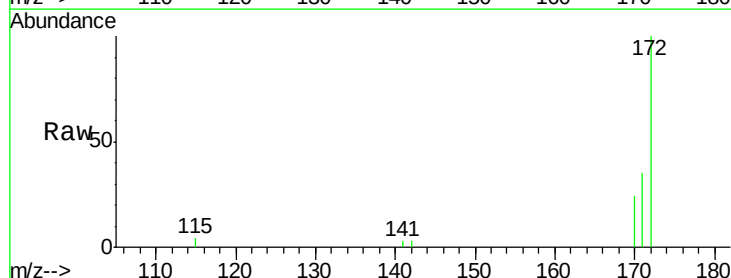


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

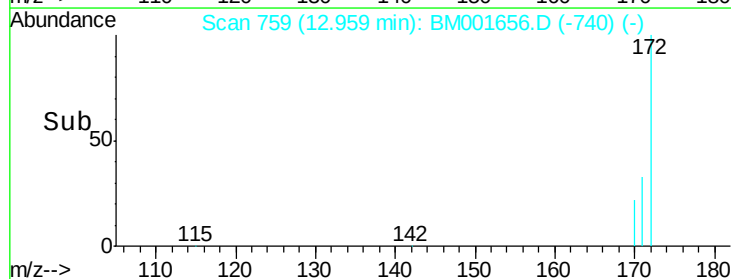
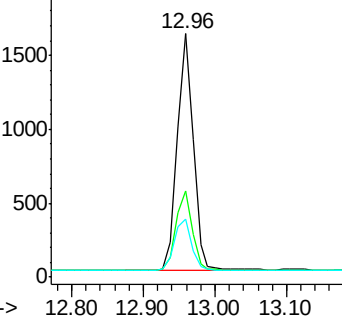


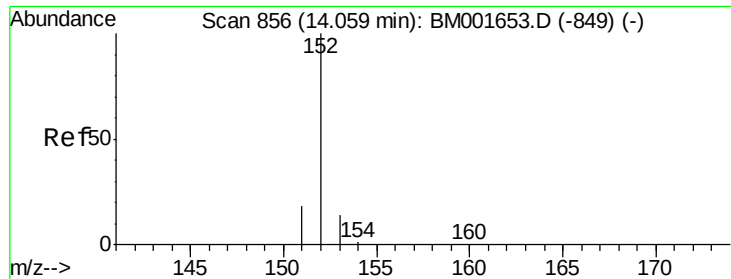
#14
 2-Fluorobiphenyl
 Concen: 0.23 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001656.D
 Acq: 12 Jun 2015 00:00

Tgt Ion: 172 Resp: 2460
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 23.9 17.1 25.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.20 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

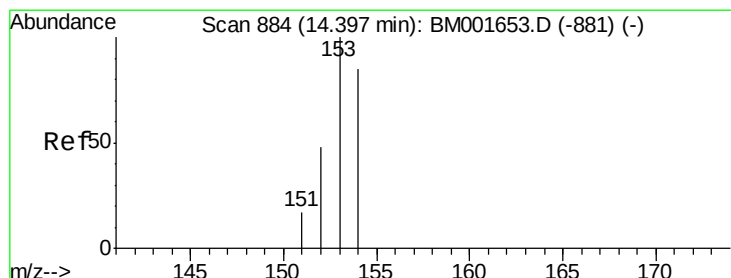
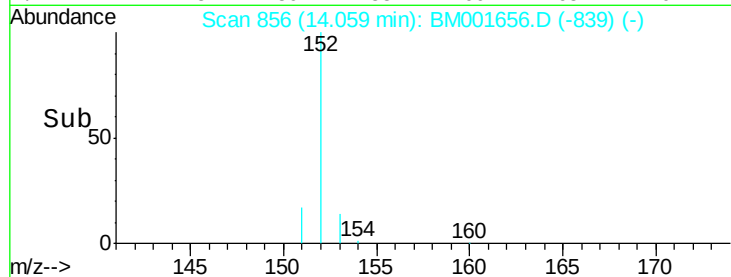
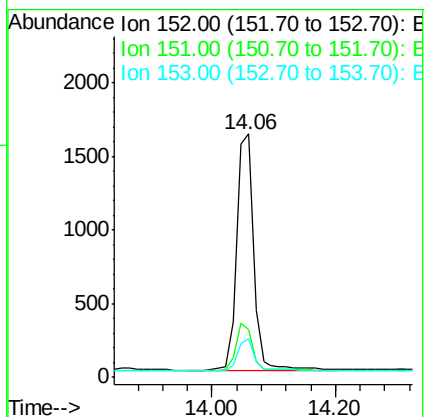
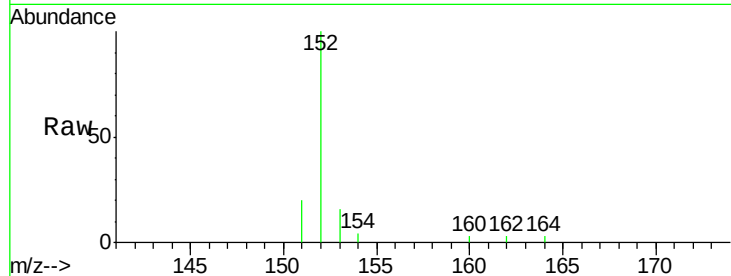
Tgt Ion:152 Resp: 2995

Ion Ratio Lower Upper

152 100

151 19.1 15.5 23.3

153 13.0 10.2 15.4



#16

Acenaphthene

Concen: 0.22 ng

RT: 14.40 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

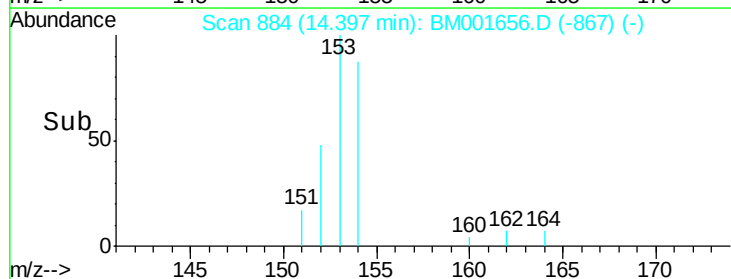
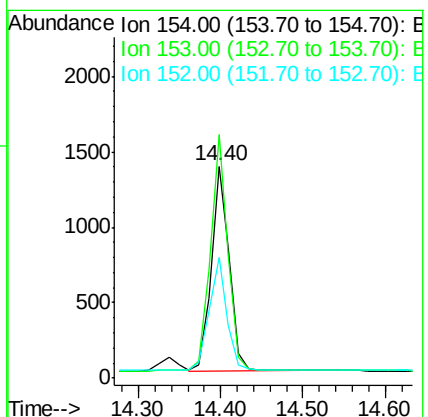
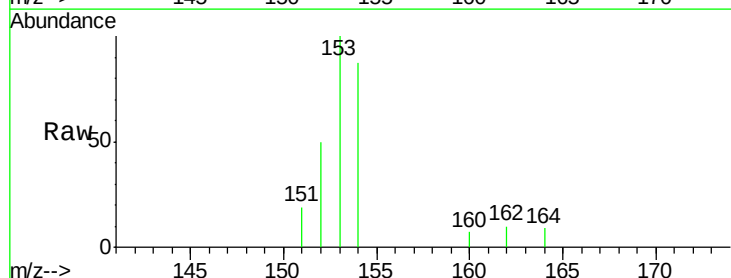
Tgt Ion:154 Resp: 2072

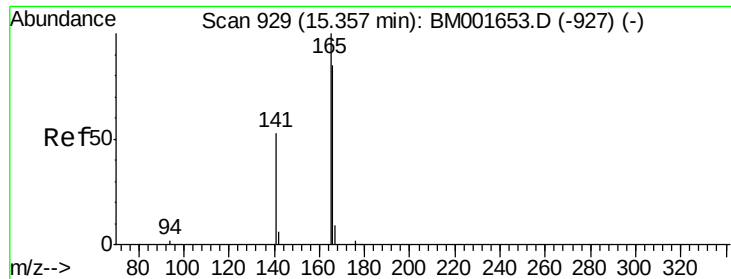
Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.6

152 54.4 43.8 65.8

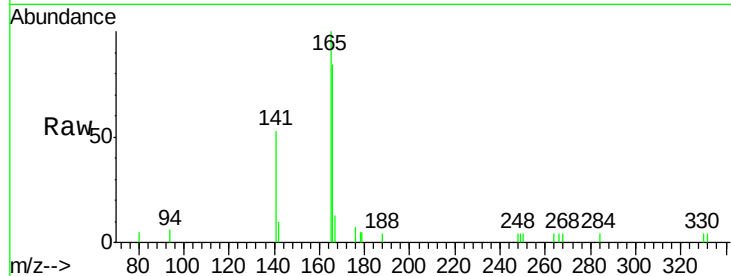




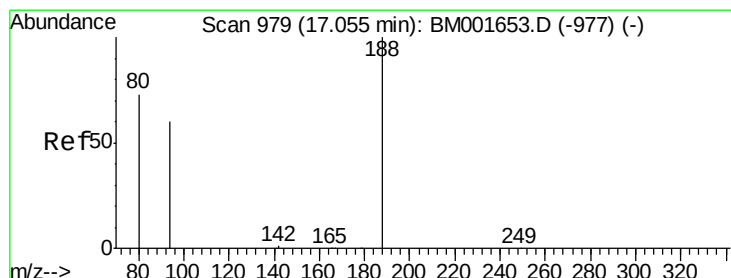
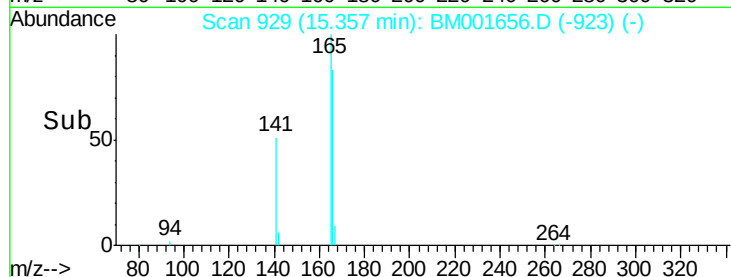
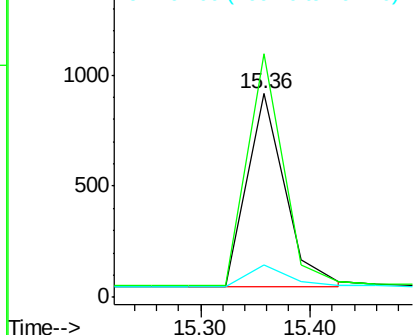
#17
Fluorene
 Concen: 0.30 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001656.D
 Acq: 12 Jun 2015 00:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:166 Resp: 2058
 Ion Ratio Lower Upper
 166 100
 165 114.3 90.7 136.1
 167 12.1 9.4 14.0

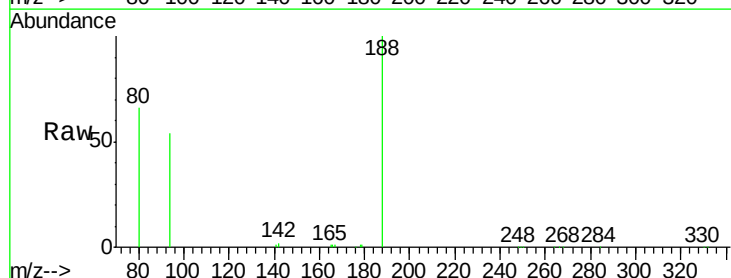


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

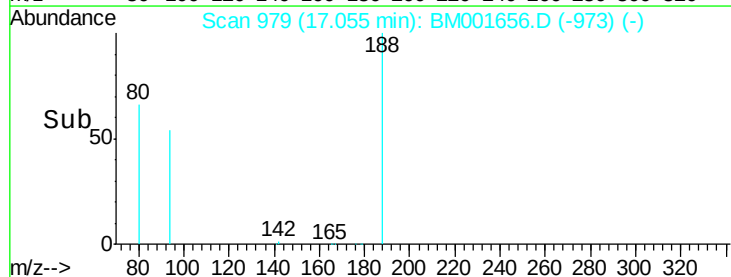
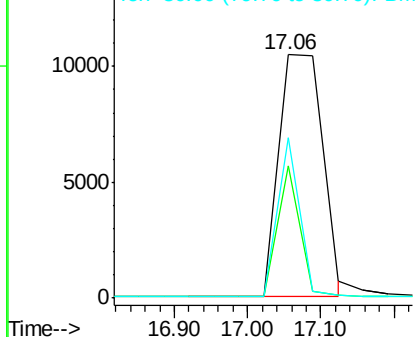


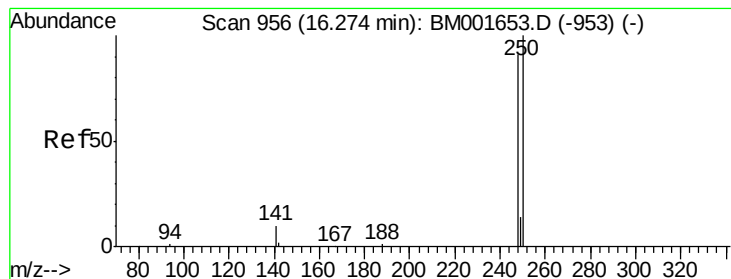
#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001656.D
 Acq: 12 Jun 2015 00:00

Tgt Ion:188 Resp: 44011
 Ion Ratio Lower Upper
 188 100
 94 54.4 48.3 72.5
 80 66.0 58.6 88.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM001656.D (-973) (-)
 Ion 80.00 (79.70 to 80.70): BM001656.D (-973) (-)





#19

4-Bromophenyl-phenylether

Concen: 0.20 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

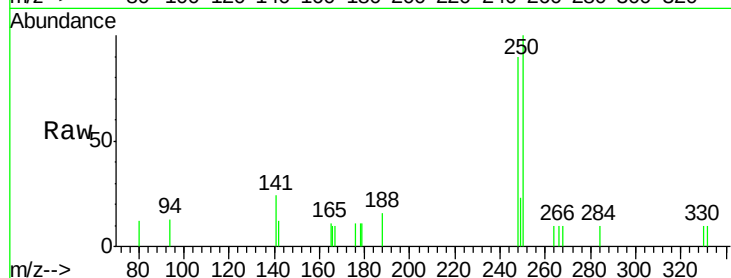
Tgt Ion:248 Resp: 827

Ion Ratio Lower Upper

248 100

250 111.6 87.5 131.3

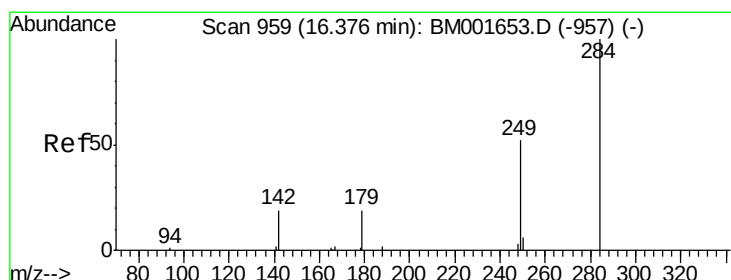
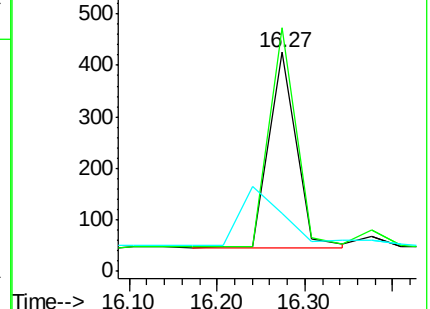
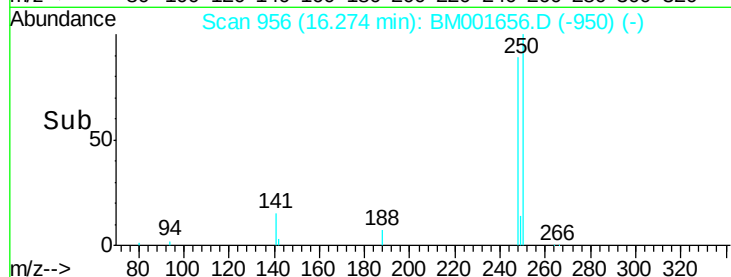
141 0.0 0.0 0.0



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: 0.32 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

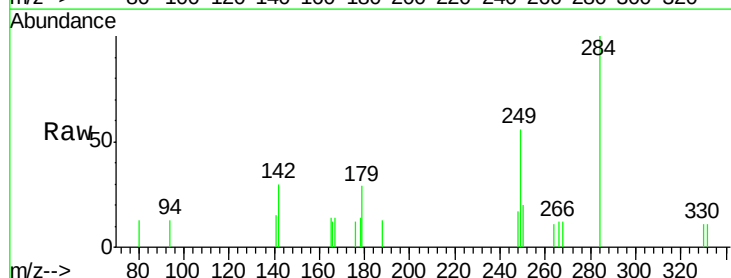
Tgt Ion:284 Resp: 811

Ion Ratio Lower Upper

284 100

142 28.1 21.5 32.3

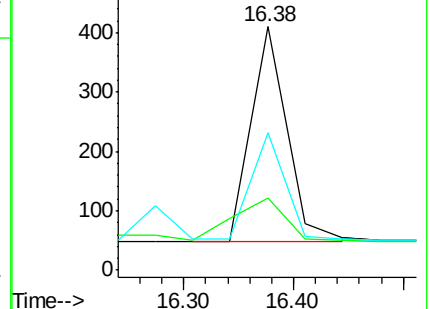
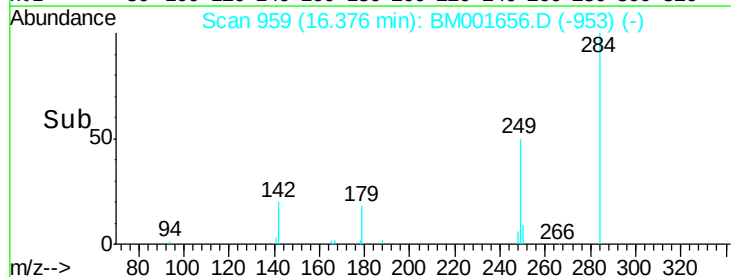
249 63.4 53.8 80.6

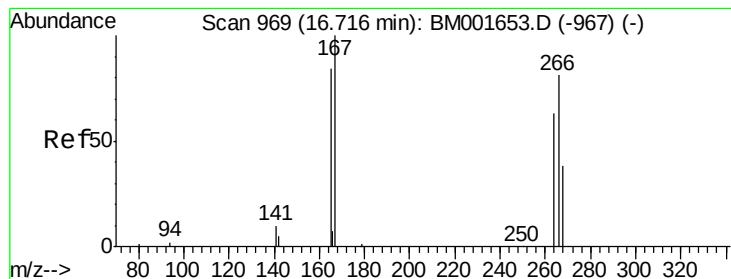


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.17 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

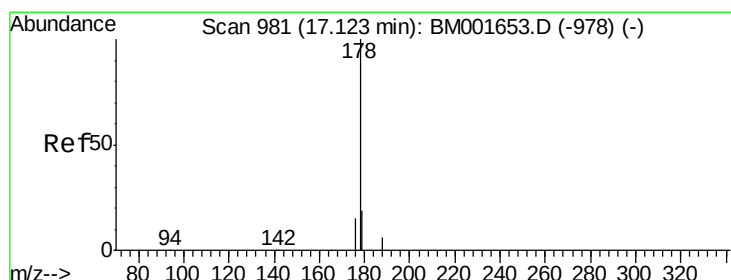
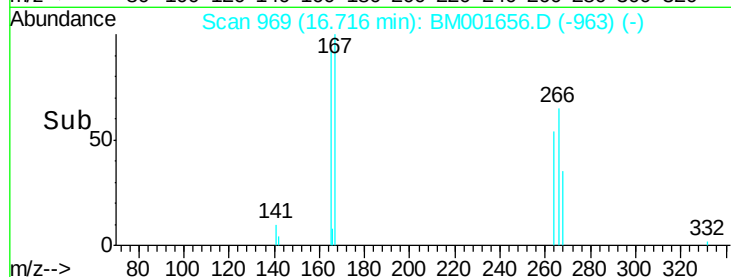
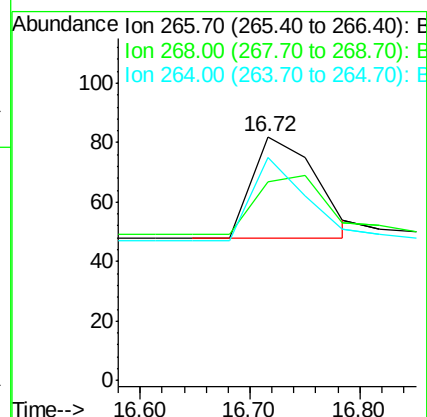
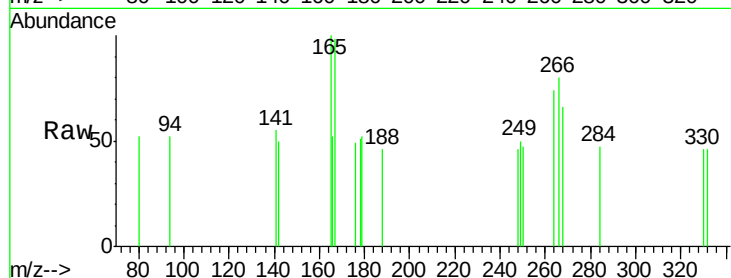
Tgt Ion:266 Resp: 137

Ion Ratio Lower Upper

266 100

268 81.7 43.3 64.9#

264 91.5 64.5 96.7



#22

Phenanthrene

Concen: 0.20 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

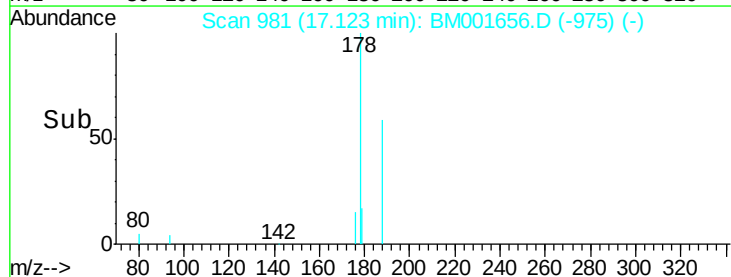
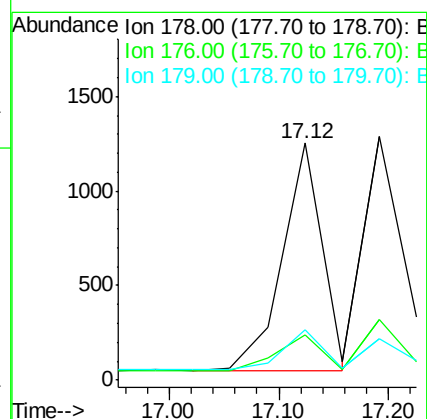
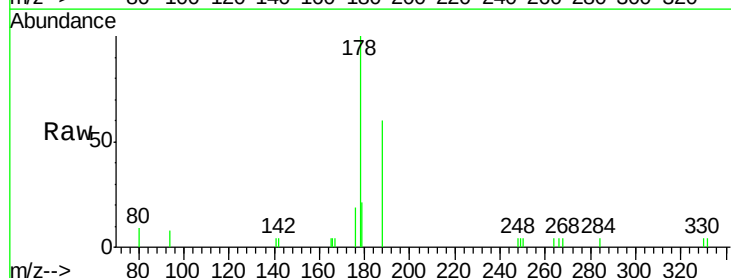
Tgt Ion:178 Resp: 3022

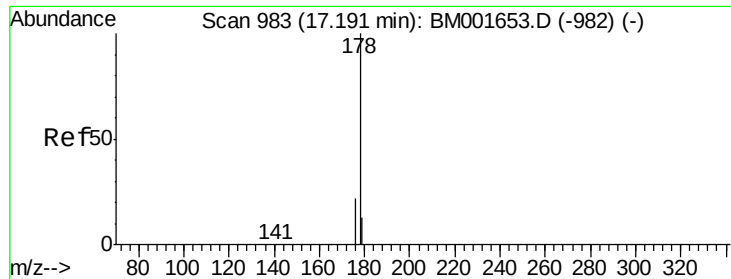
Ion Ratio Lower Upper

178 100

176 17.7 0.0 0.0#

179 17.5 14.2 21.2





#23

Anthracene

Concen: 0.28 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

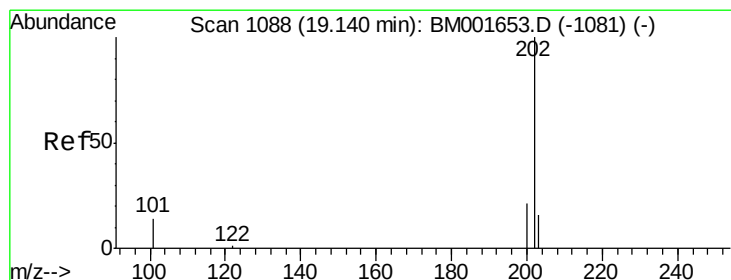
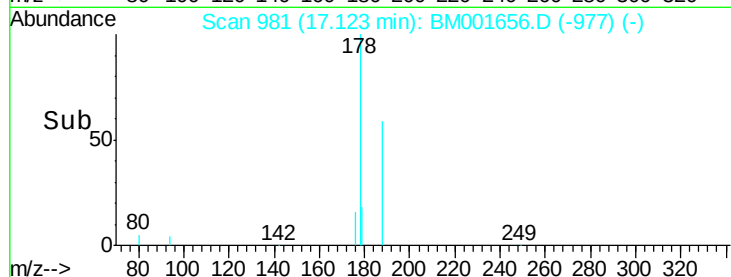
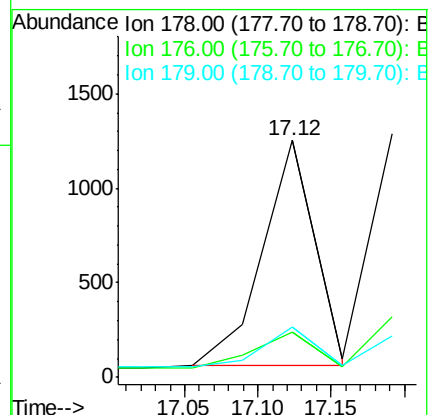
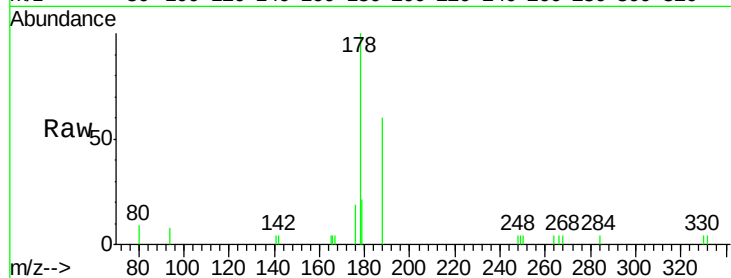
Tgt Ion:178 Resp: 2957

Ion Ratio Lower Upper

178 100

176 17.5 0.0 0.0#

179 30.8 21.4 32.0



#24

Fluoranthene

Concen: 0.23 ng

RT: 19.14 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

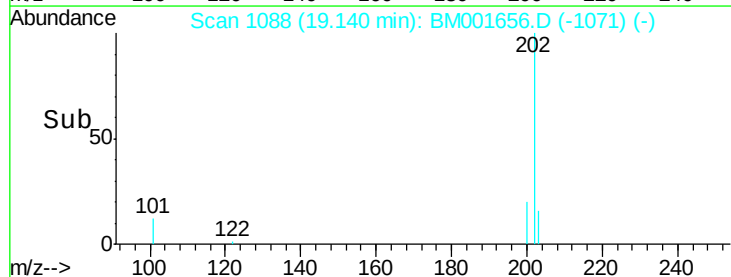
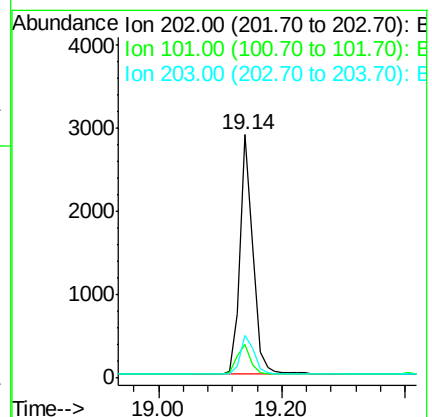
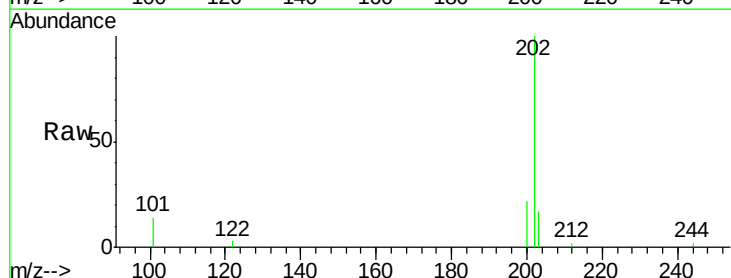
Tgt Ion:202 Resp: 4113

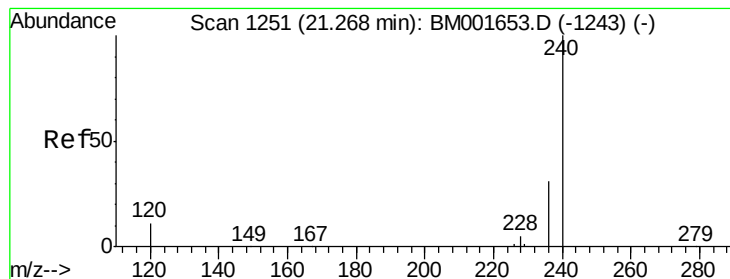
Ion Ratio Lower Upper

202 100

101 13.0 10.8 16.2

203 17.4 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

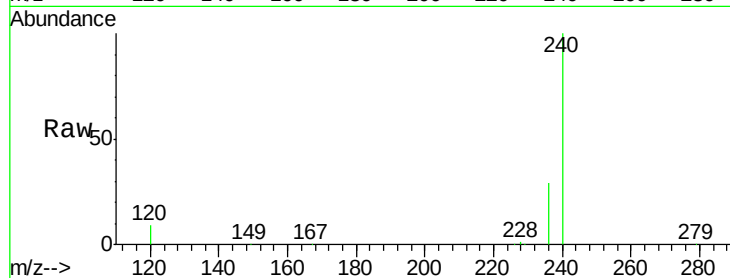
Tgt Ion:240 Resp: 58469

Ion Ratio Lower Upper

240 100

120 9.0 8.9 13.3

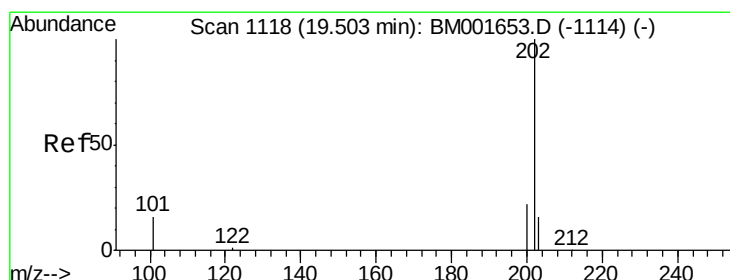
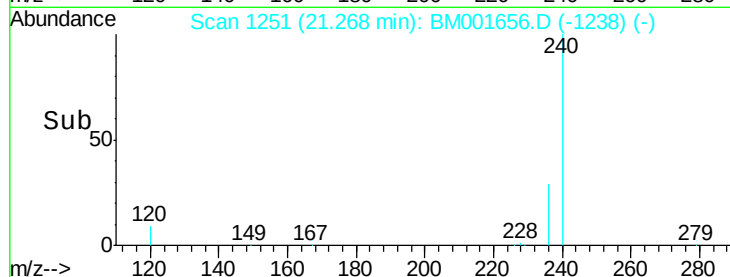
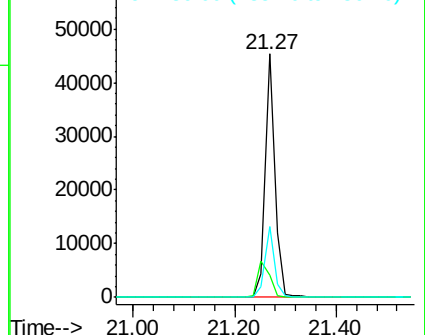
236 29.0 24.6 36.8



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



#26

Pyrene

Concen: 0.22 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

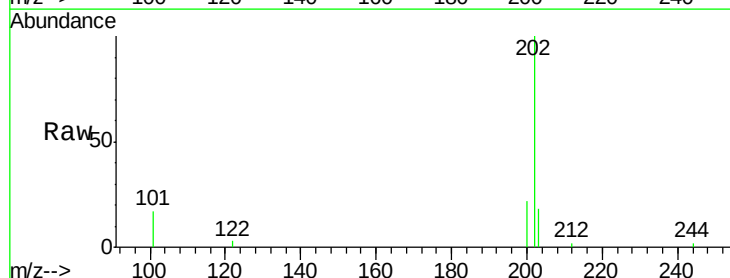
Tgt Ion:202 Resp: 4161

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

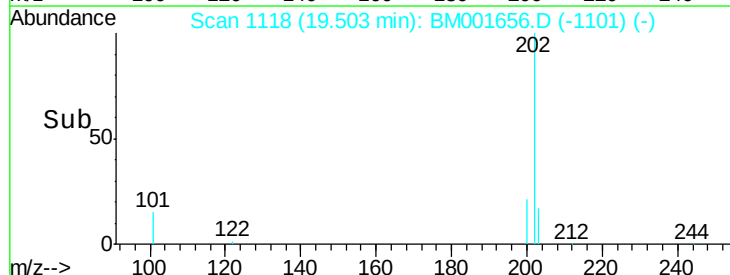
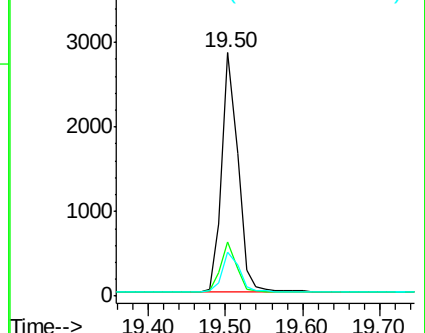
203 17.5 13.8 20.8

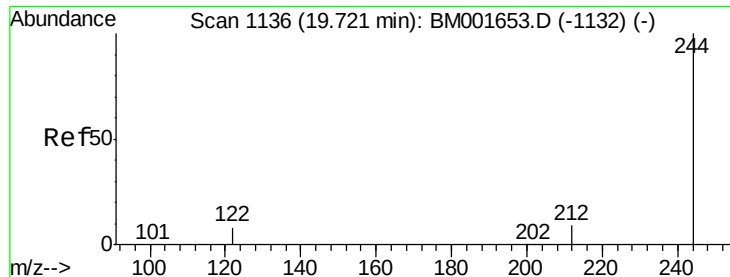


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.23 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

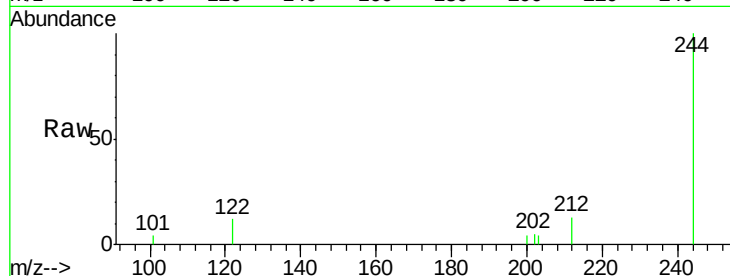
Tgt Ion:244 Resp: 1804

Ion Ratio Lower Upper

244 100

212 12.7 7.7 11.5#

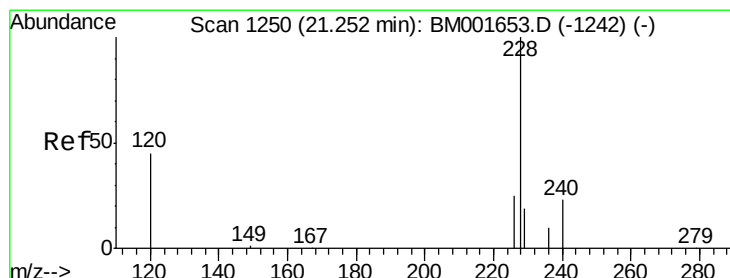
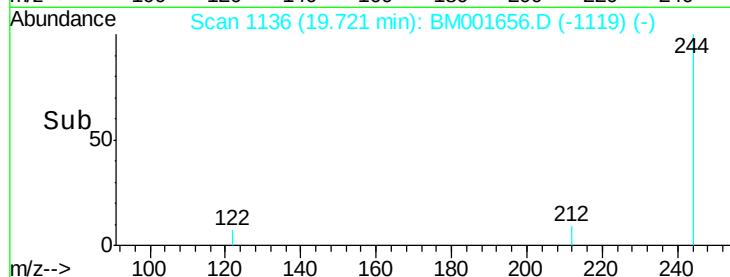
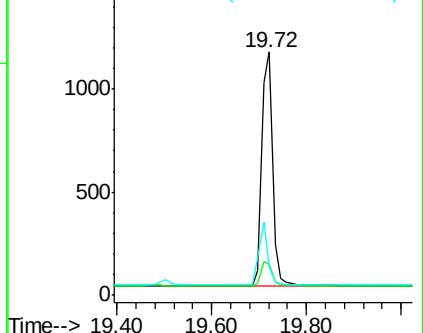
122 11.7 6.9 10.3#



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



#28

Benzo(a)anthracene

Concen: 0.22 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

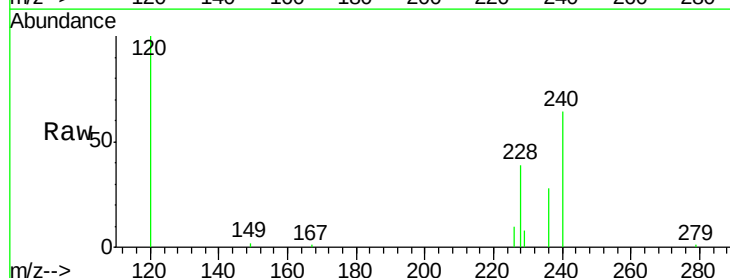
Tgt Ion:228 Resp: 3873

Ion Ratio Lower Upper

228 100

226 26.0 20.2 30.4

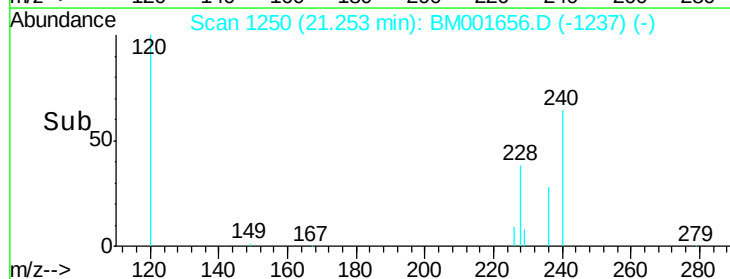
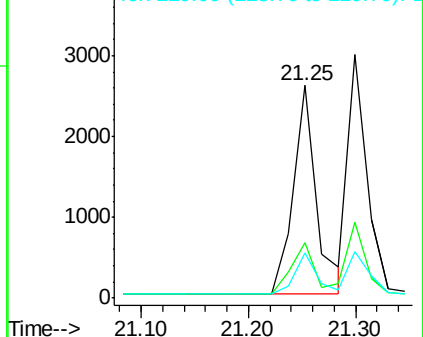
229 21.2 15.7 23.5

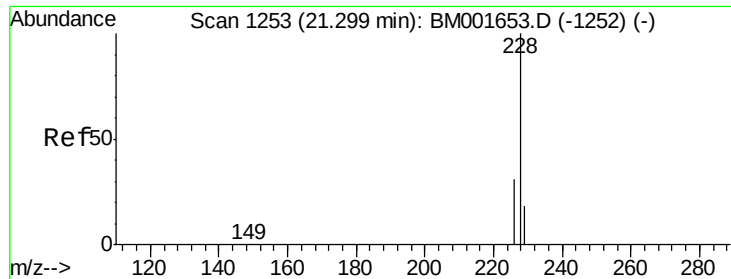


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.23 ng

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

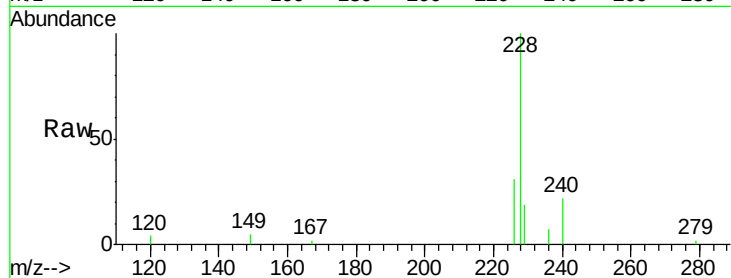
Tgt Ion: 228 Resp: 3713

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.8

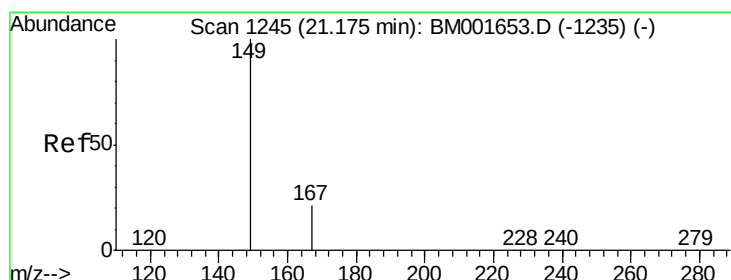
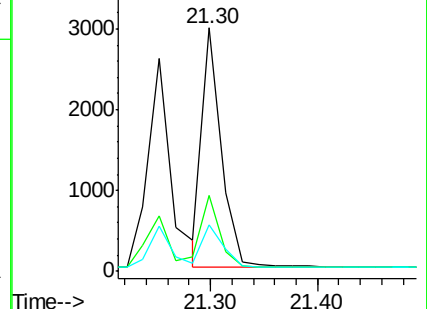
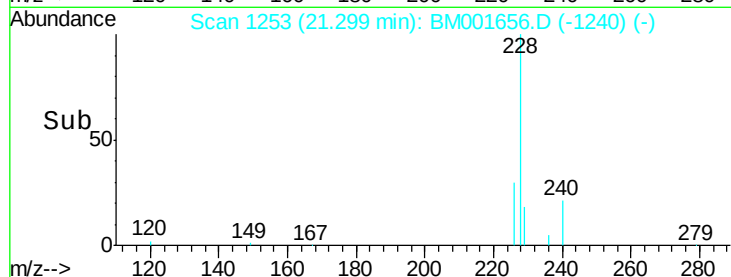
229 19.3 14.1 21.1



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: 0.23 ng

RT: 21.18 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

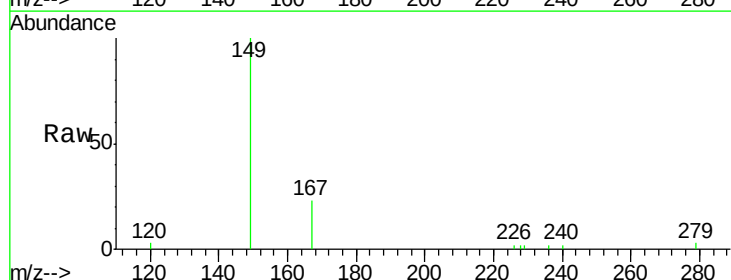
Tgt Ion: 149 Resp: 2283

Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.2

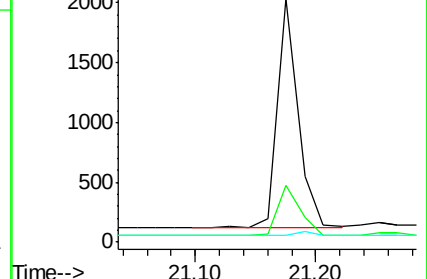
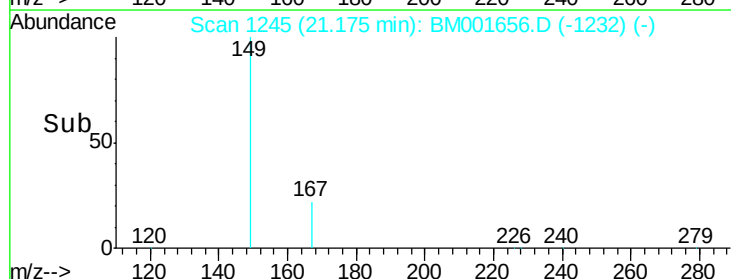
279 2.1 1.7 2.5

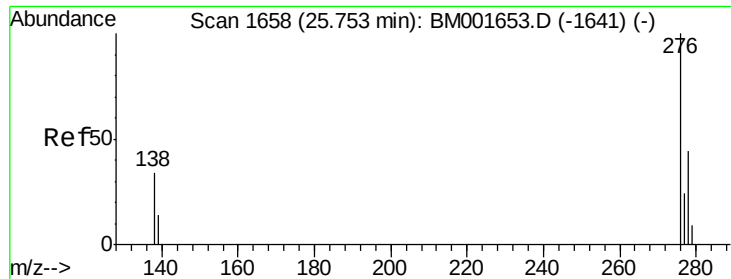


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.18 ng

RT: 25.75 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

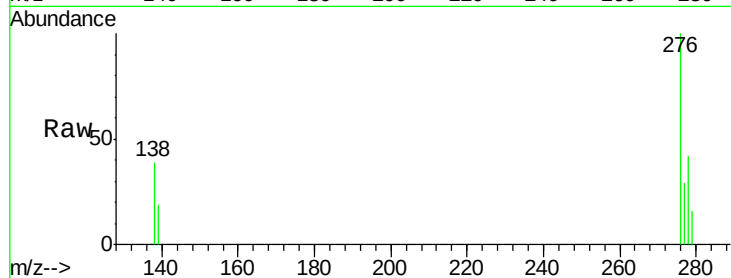
Tgt Ion:276 Resp: 2810

Ion Ratio Lower Upper

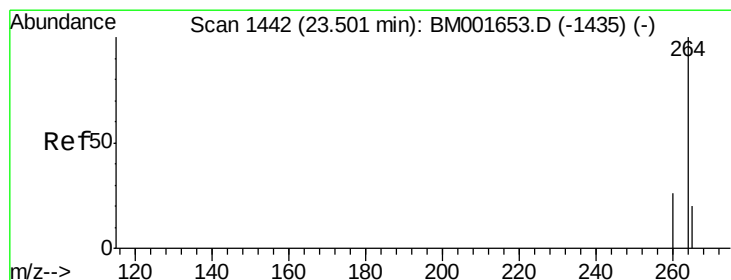
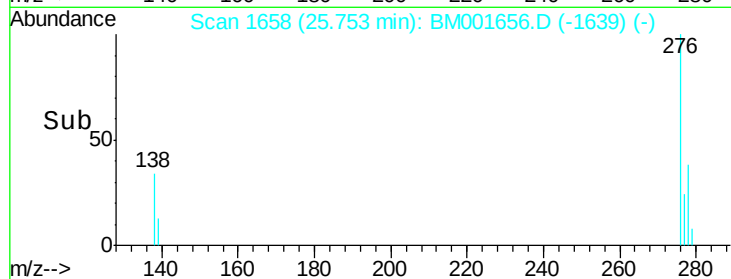
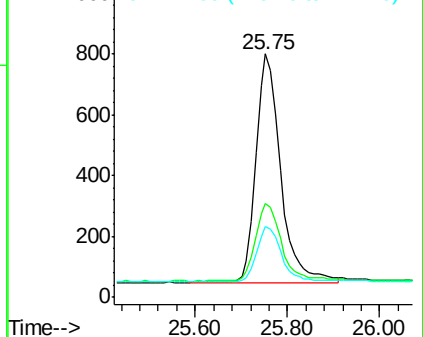
276 100

138 35.2 28.8 43.2

277 24.1 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.50 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

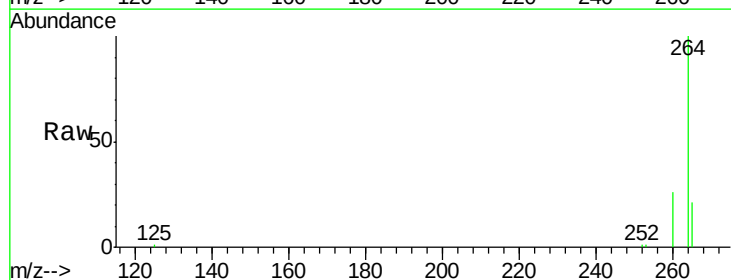
Tgt Ion:264 Resp: 46683

Ion Ratio Lower Upper

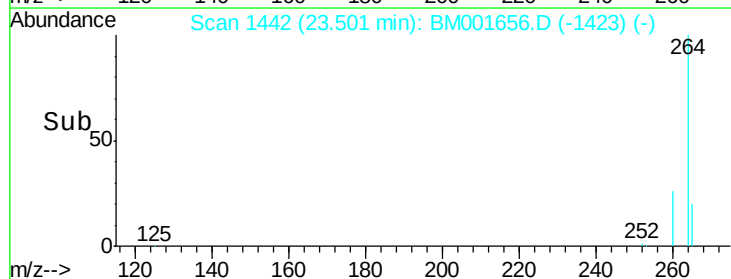
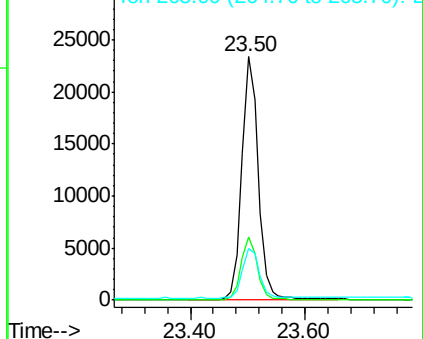
264 100

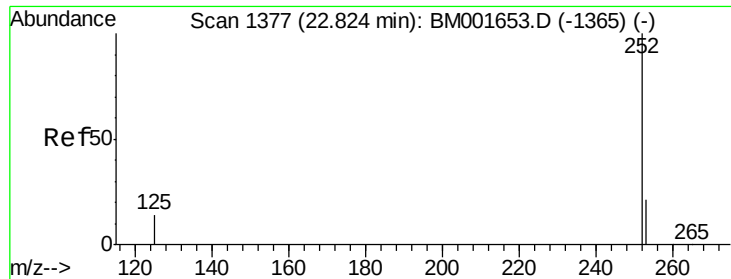
260 26.0 20.8 31.2

265 21.0 16.9 25.3



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: 0.22 ng

RT: 22.82 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

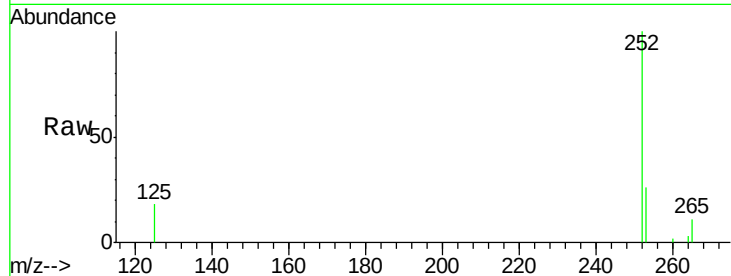
Tgt Ion:252 Resp: 3098

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

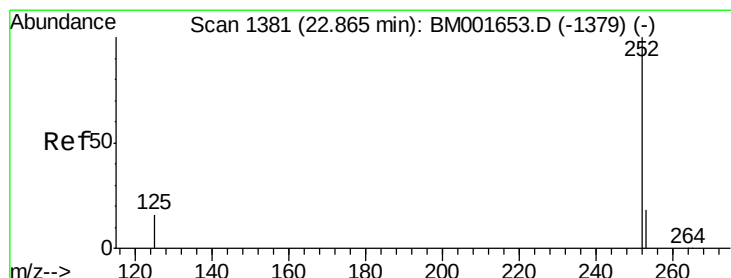
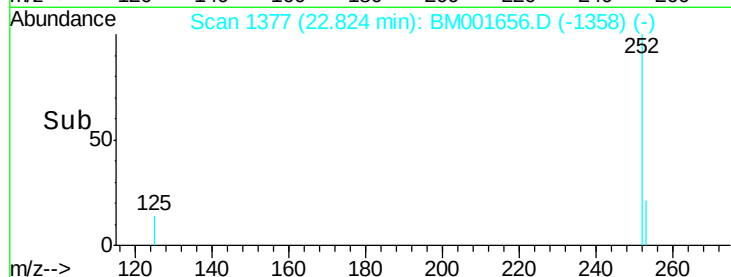
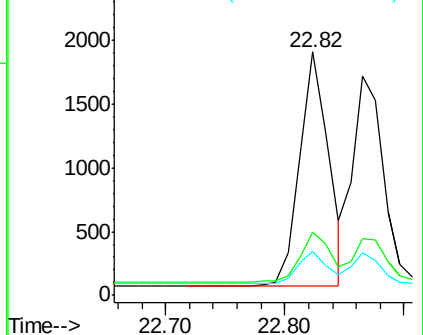
125 17.9 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.22 ng

RT: 22.87 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

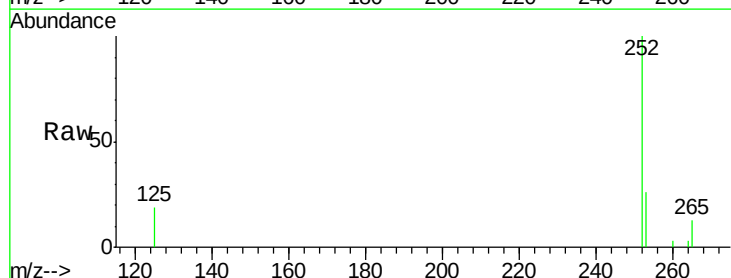
Tgt Ion:252 Resp: 3026

Ion Ratio Lower Upper

252 100

253 26.1 17.0 25.6#

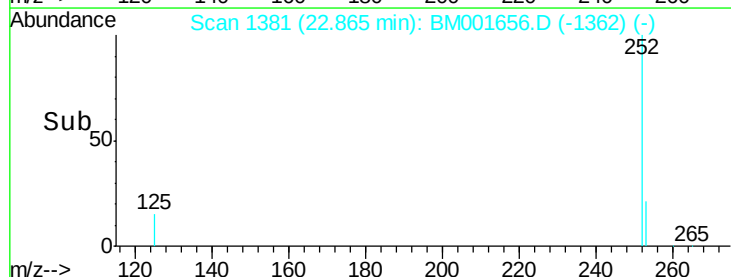
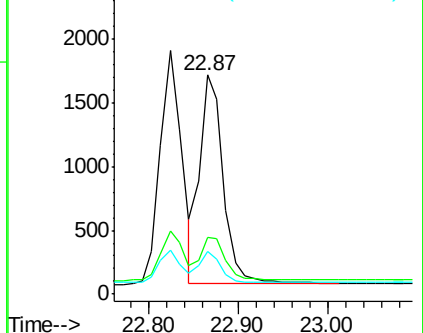
125 19.4 12.5 18.7#

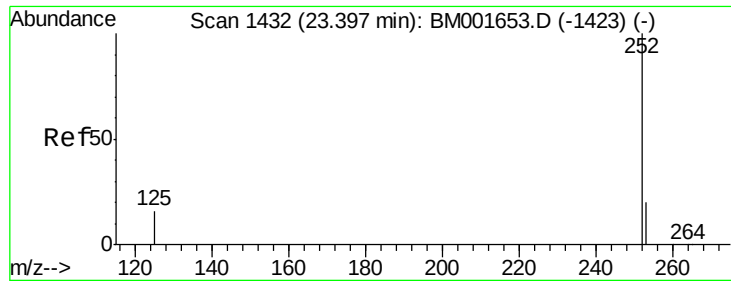


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.40 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

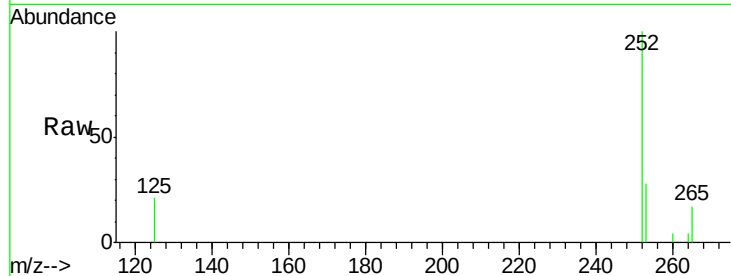
Tgt Ion:252 Resp: 2514

Ion Ratio Lower Upper

252 100

253 28.0 17.4 26.0#

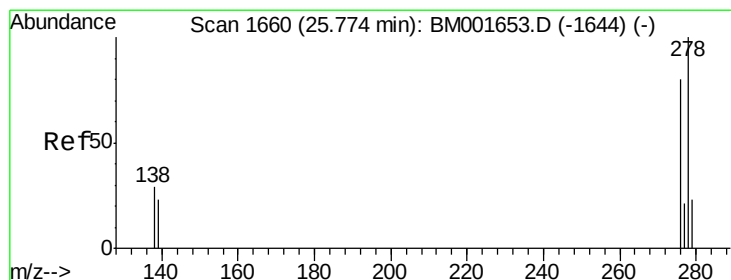
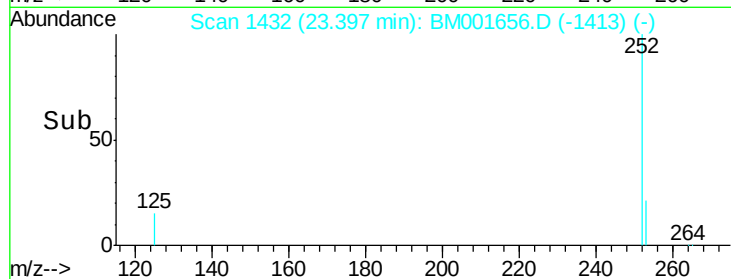
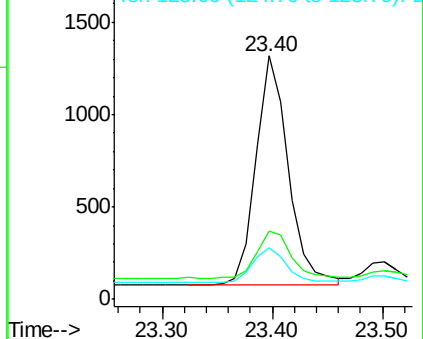
125 21.4 14.0 21.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.20 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001656.D

Acq: 12 Jun 2015 00:00

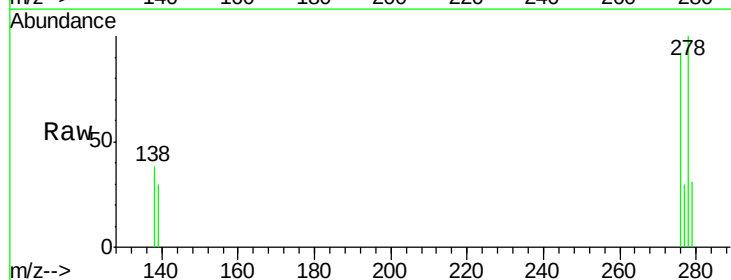
Tgt Ion:278 Resp: 2184

Ion Ratio Lower Upper

278 100

139 29.9 19.1 28.7#

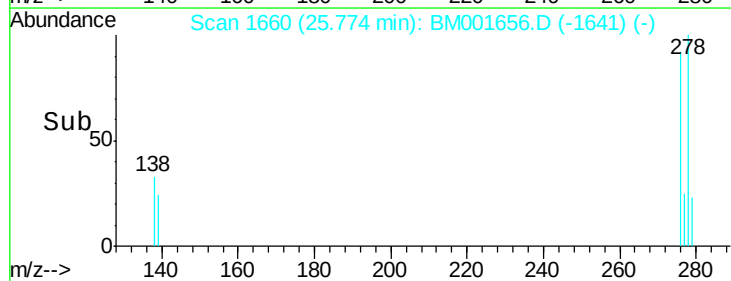
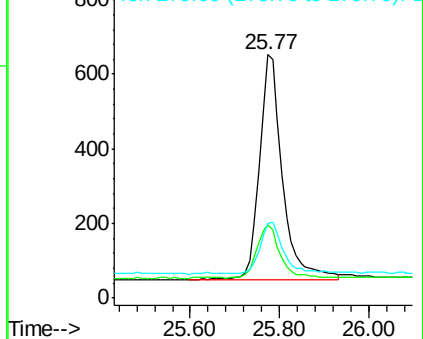
279 30.8 19.7 29.5#

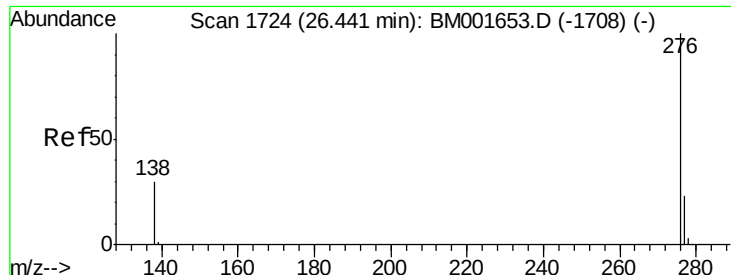


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.20 ng

RT: 26.44 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BM001656.D

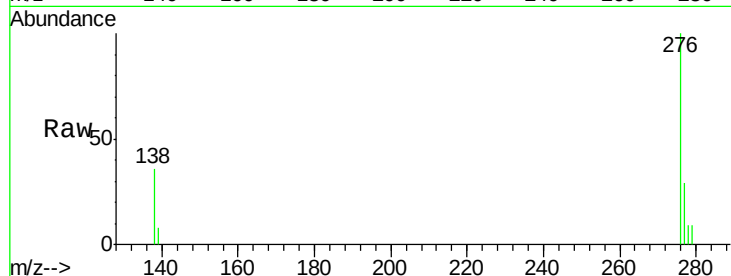
Acq: 12 Jun 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



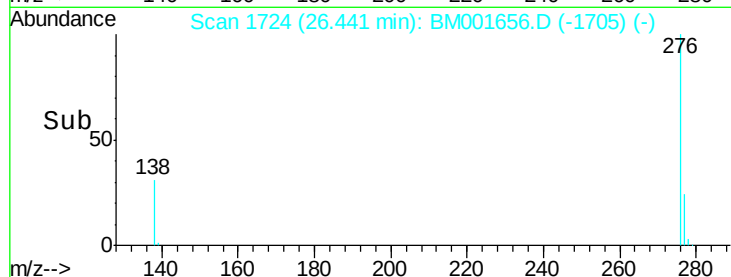
Tgt Ion: 276 Resp: 2432

Ion Ratio Lower Upper

276 100

277 28.6 19.3 28.9

138 35.6 25.0 37.4



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

