

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004562.D
 Acq On : 05 Mar 2016 18:44
 Operator : SJ/UM
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Mar 07 07:23:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:21:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	25679	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	100811	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	56139	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	142828	5.00	ng	0.00
25) Chrysene-d12	20.98	240	119900	5.00	ng	0.00
34) Perylene-d12	23.08	264	109152	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	5472	1.00	ng	0.00
5) Phenol-d6	6.63	99	6593	1.05	ng	0.00
8) Nitrobenzene-d5	8.47	82	4833	1.05	ng	0.00
14) 2,4,6-Tribromophenol	15.50	330	1761	1.01	ng	0.00
15) 2-Fluorobiphenyl	12.58	172	16310	0.92	ng	0.00
28) Terphenyl-d14	19.41	244	15834	0.69	ng	0.00

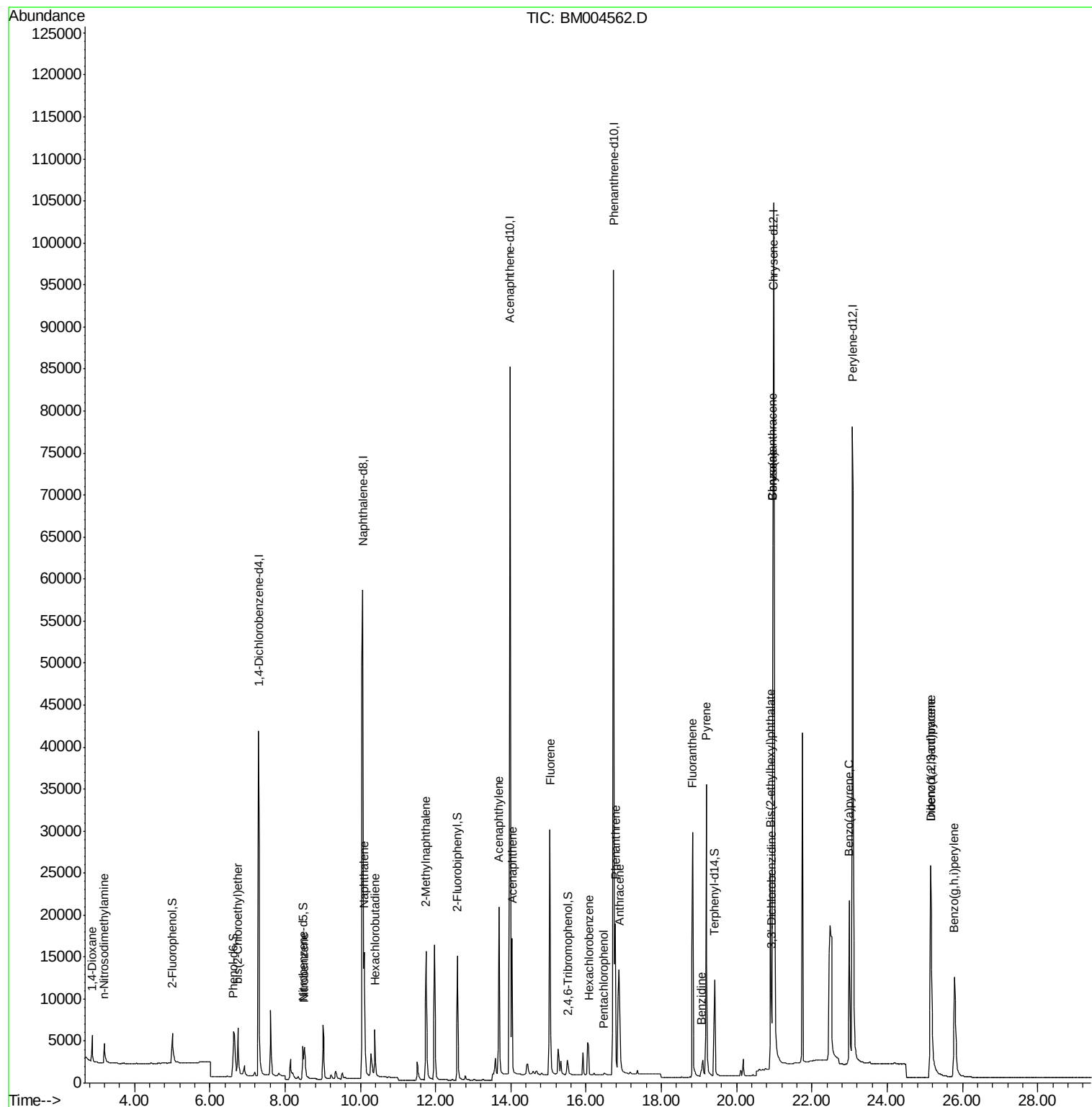
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	2509	0.89	ng	# 100
3) n-Nitrosodimethylamine	3.20	42	1770	0.98	ng	# 100
6) bis(2-Chloroethyl)ether	6.75	93	5721	0.97	ng	# 23
9) Nitrobenzene	8.51	77	5290	1.04	ng	# 100
10) Naphthalene	10.10	128	20627	0.86	ng	# 100
11) Hexachlorobutadiene	10.39	225	3938	0.96	ng	# 100
12) 2-Methylnaphthalene	11.75	142	14398	0.99	ng	# 100
16) Acenaphthylene	13.68	152	25279	0.96	ng	# 42
17) Acenaphthene	14.04	154	14645	0.88	ng	# 100
18) Fluorene	15.04	166	20490	1.01	ng	# 76
20) Hexachlorobenzene	16.07	284	5873	0.93	ng	# 100
21) Pentachlorophenol	16.47	266	463	0.52	ng	# 100
22) Phenanthrene	16.78	178	27850	0.80	ng	# 100
23) Anthracene	16.88	178	26286	0.83	ng	# 100
24) Fluoranthene	18.83	202	35927	0.79	ng	# 97
26) Benzidine	19.07	184	4097	0.43	ng	# 100
27) Pyrene	19.19	202	38055	0.82	ng	# 84
29) Benzo(a)anthracene	20.96	228	67689	1.68	ng	# 100
30) 3,3'-Dichlorobenzidine	20.92	252	11477	1.00	ng	# 100
31) Chrysene	20.96	228	68653	1.40	ng	# 98
32) Bis(2-ethylhexyl)phthalate	20.90	149	23648	0.94	ng	# 44
33) Indeno(1,2,3-cd)pyrene	25.16	276	31642	0.90	ng	# 81
35) Benzo(a)pyrene	22.99	252	30551	0.94	ng	# 100
36) Dibenzo(a,h)anthracene	25.16	278	24528	0.91	ng	# 100
37) Benzo(g,h,i)perylene	25.79	276	27257	0.90	ng	# 100

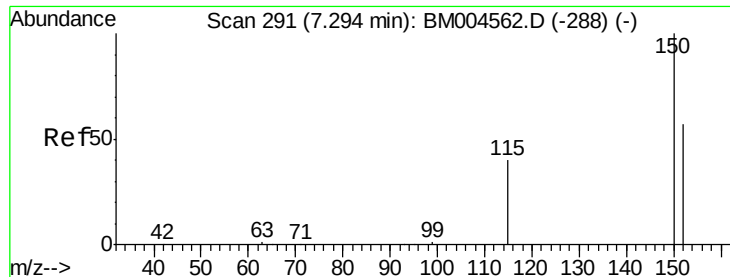
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

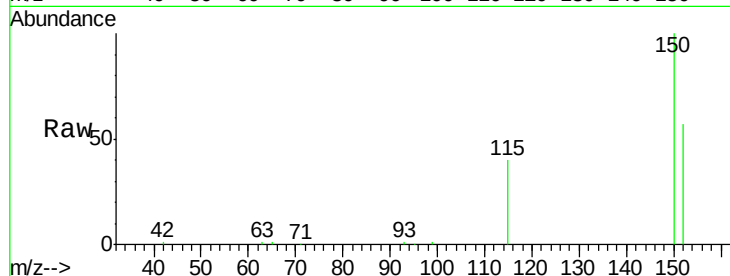
Tgt Ion: 152 Resp: 25679

Ion Ratio Lower Upper

152 100

150 175.1 140.1 210.1

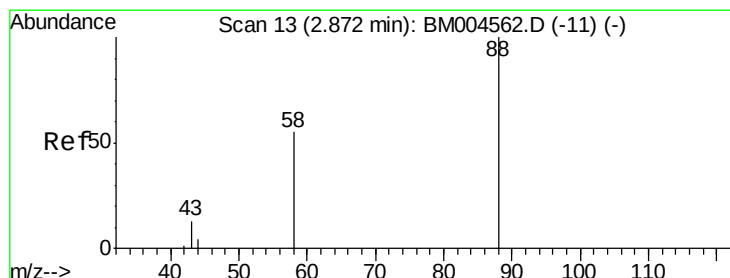
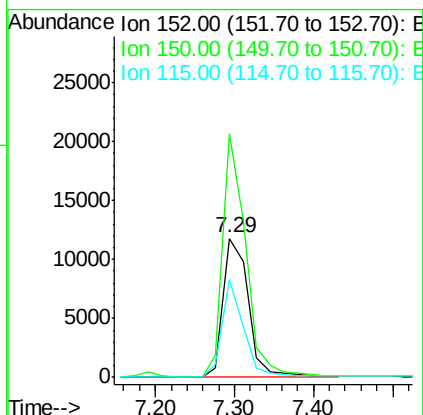
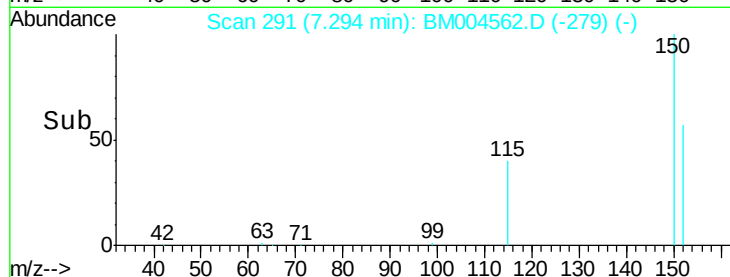
115 70.1 56.1 84.1



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: 0.89 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

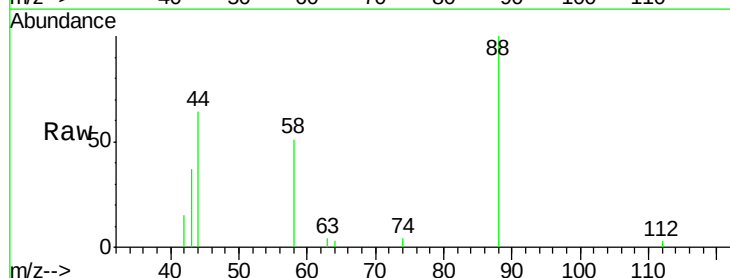
Tgt Ion: 88 Resp: 2509

Ion Ratio Lower Upper

88 100

58 58.3 0.0 0.0#

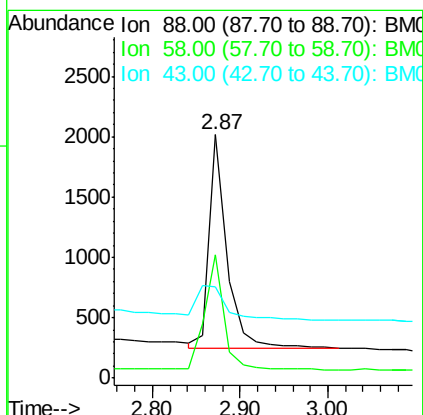
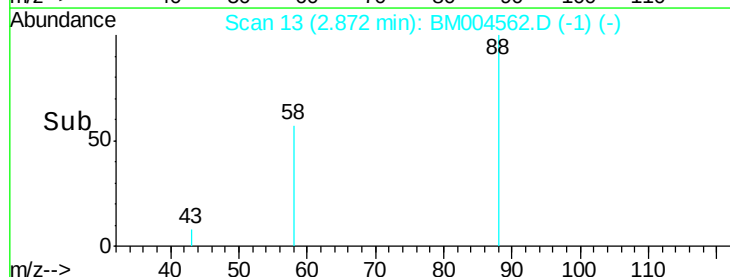
43 27.7 0.0 0.0#

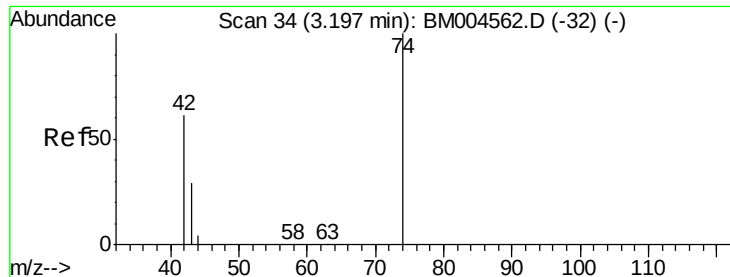


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

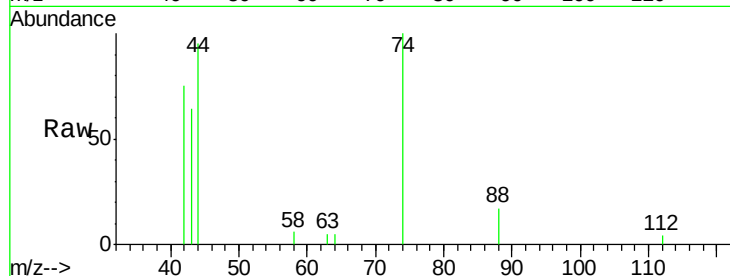
Tgt Ion: 42 Resp: 1770

Ion Ratio Lower Upper

42 100

74 165.5 0.0 0.0#

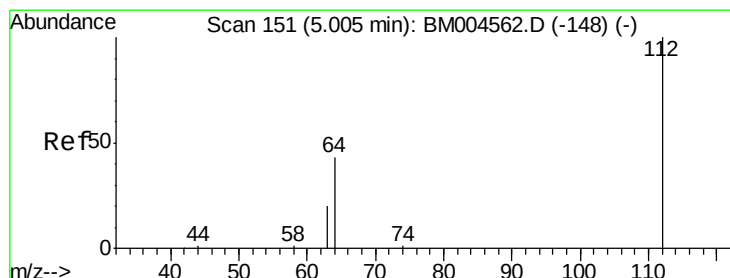
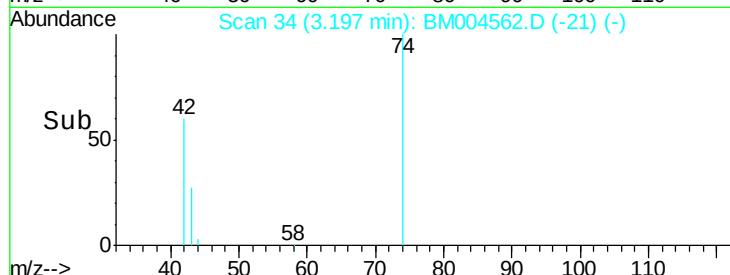
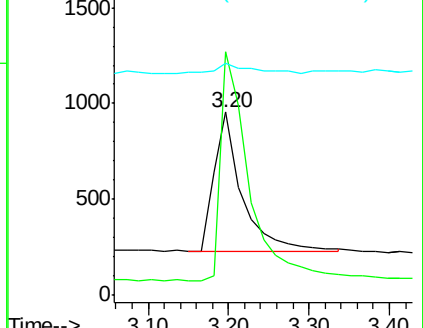
44 9.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BM004562.D (-32) (-)

Ion 74.00 (73.70 to 74.70): BM004562.D (-32) (-)

Ion 44.00 (43.70 to 44.70): BM004562.D (-32) (-)



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.01 min Scan# 151

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

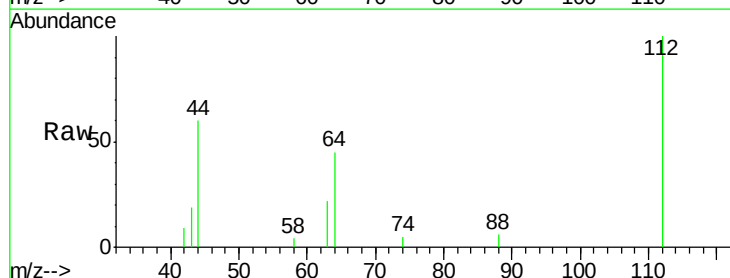
Tgt Ion: 112 Resp: 5472

Ion Ratio Lower Upper

112 100

64 47.6 0.0 0.0#

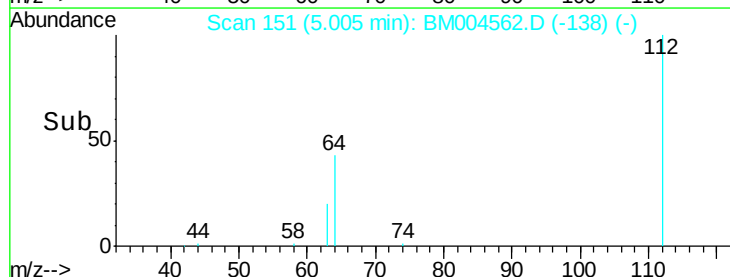
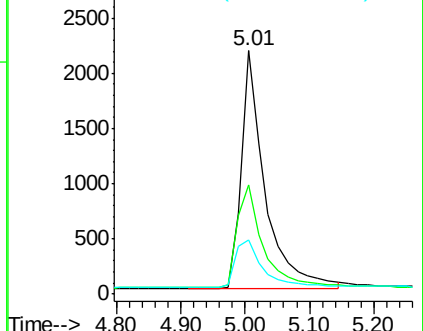
63 23.1 0.0 0.0#

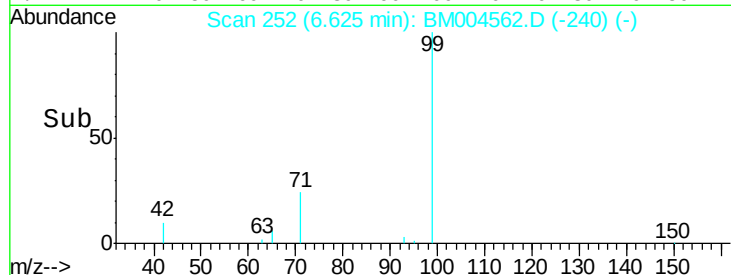
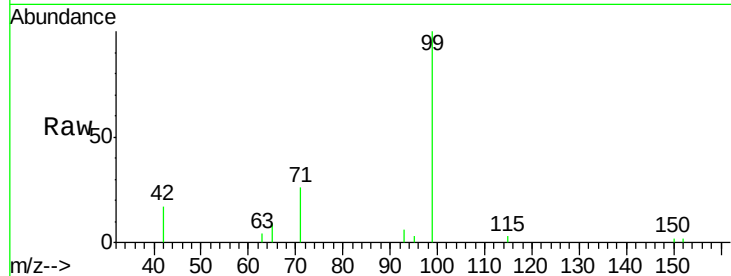
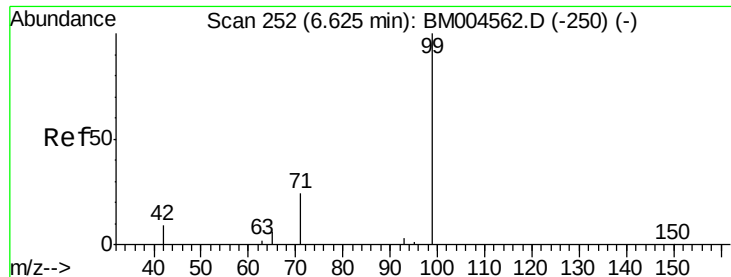


Abundance Ion 112.00 (111.70 to 112.70): BM004562.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM004562.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM004562.D (-148) (-)





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.63 min Scan# 252

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

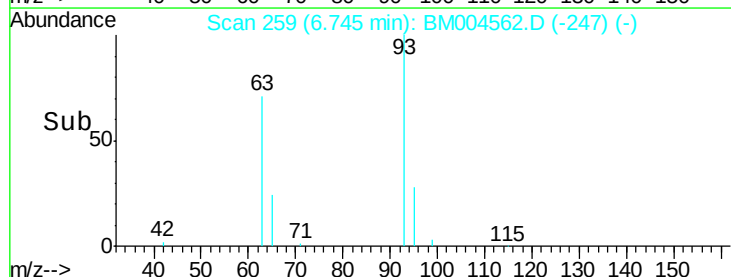
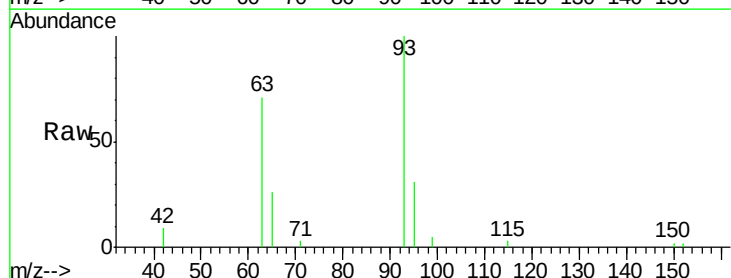
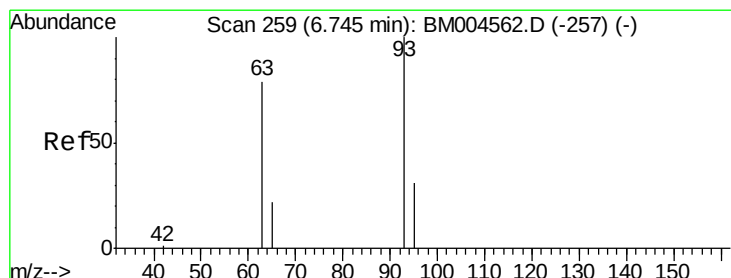
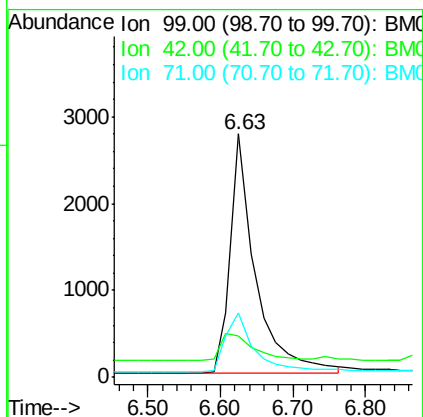
Tgt Ion: 99 Resp: 6593

Ion Ratio Lower Upper

99 100

42 15.4 0.0 0.0#

71 27.3 0.2 0.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng

RT: 6.75 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

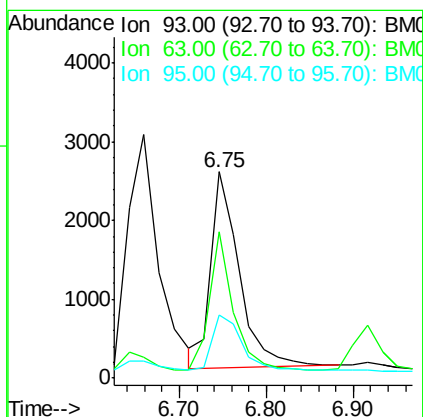
Tgt Ion: 93 Resp: 5721

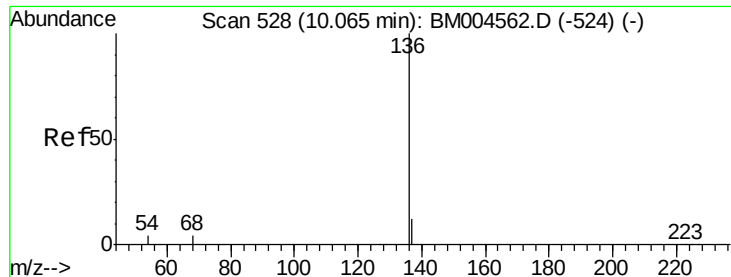
Ion Ratio Lower Upper

93 100

63 60.9 18.7 28.1#

95 29.8 0.0 0.0#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tgt Ion:136 Resp: 100811

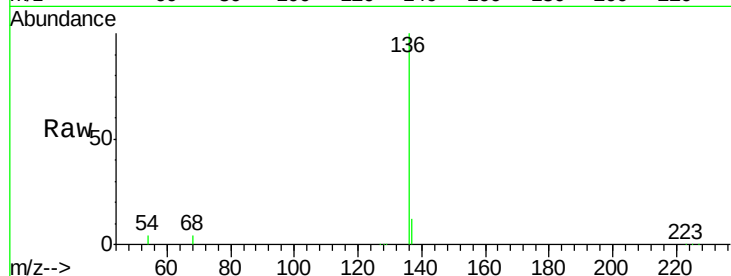
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 3.7 3.0 4.4

68 3.6 2.9 4.3

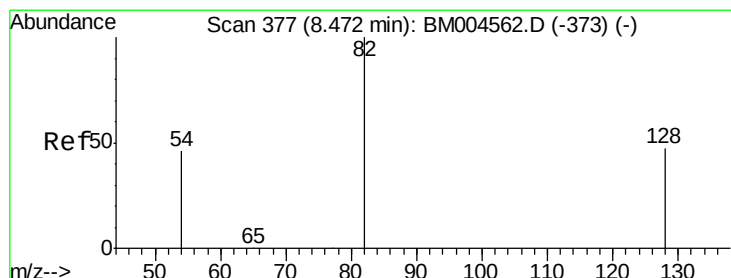
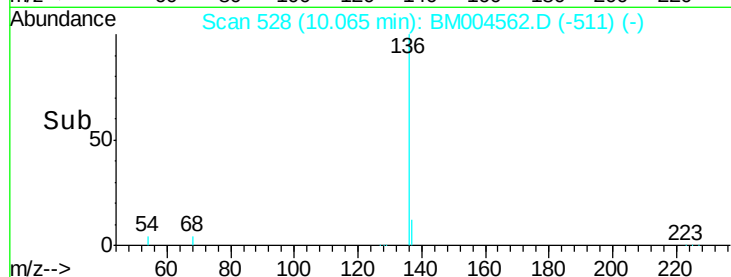
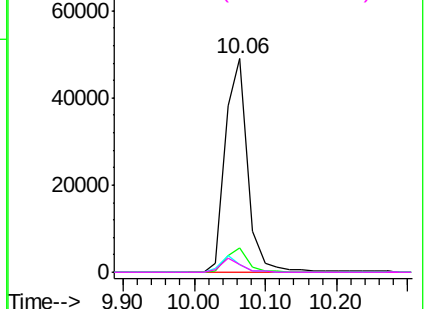


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.05 ng

RT: 8.47 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

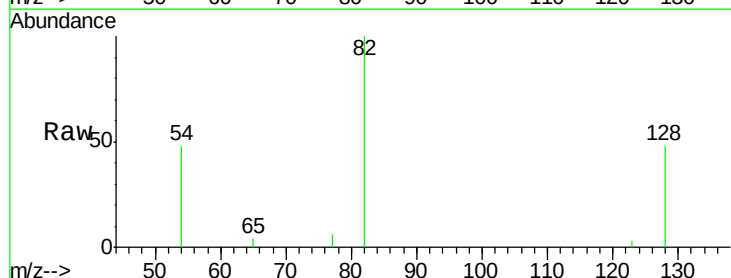
Tgt Ion: 82 Resp: 4833

Ion Ratio Lower Upper

82 100

128 48.3 38.6 58.0

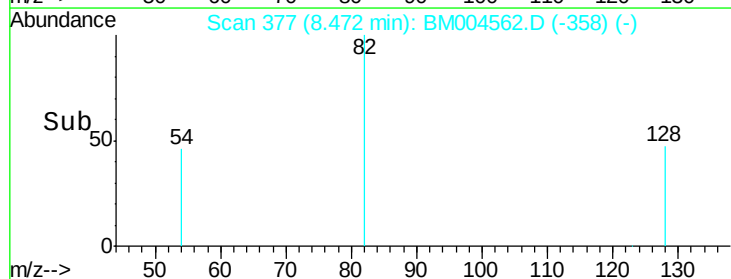
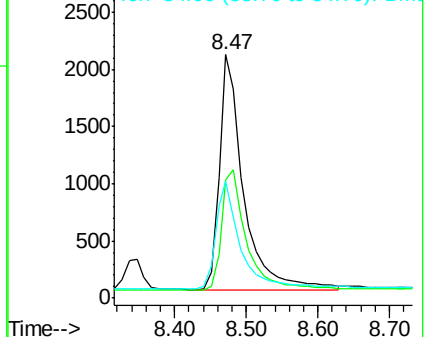
54 48.1 38.5 57.7

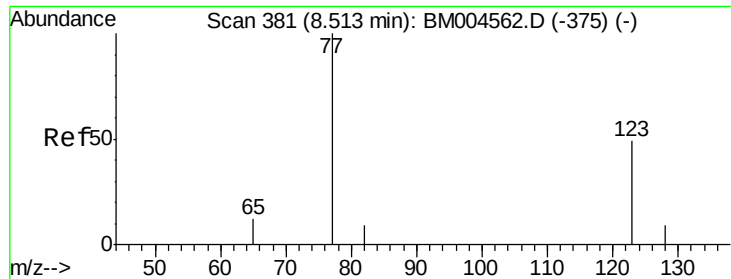


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.04 ng

RT: 8.51 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

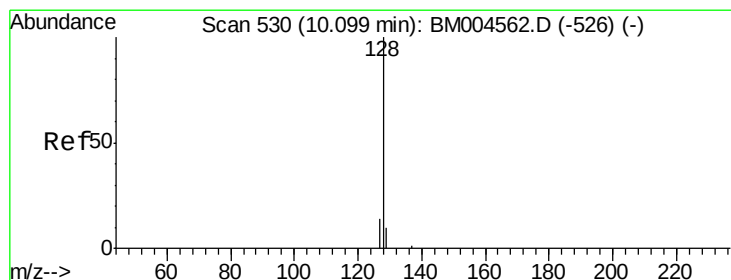
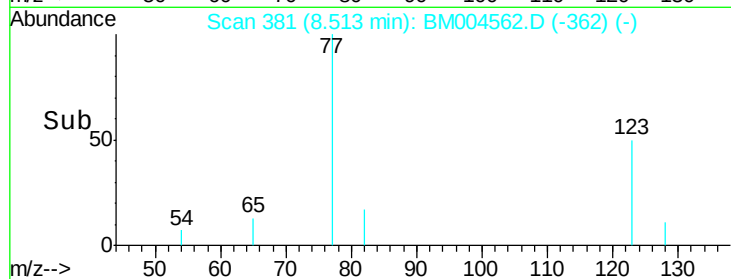
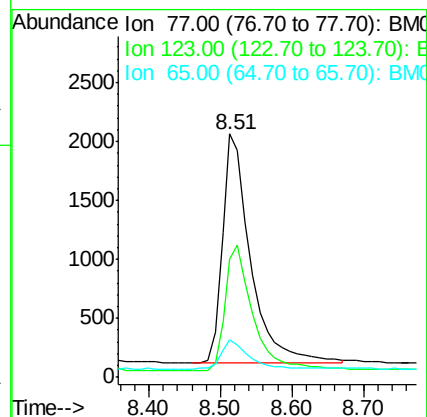
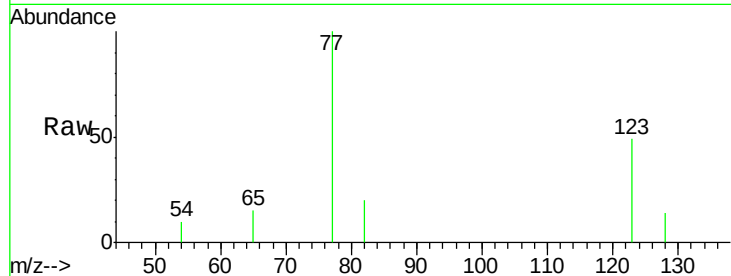
Tgt Ion: 77 Resp: 5290

Ion Ratio Lower Upper

77 100

123 55.2 0.0 0.0#

65 12.4 0.0 0.0#



#10

Naphthalene

Concen: 0.86 ng

RT: 10.10 min Scan# 530

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

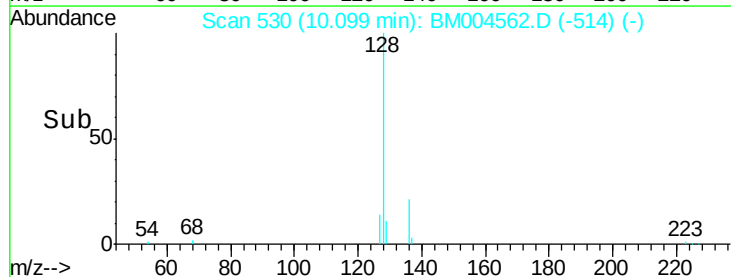
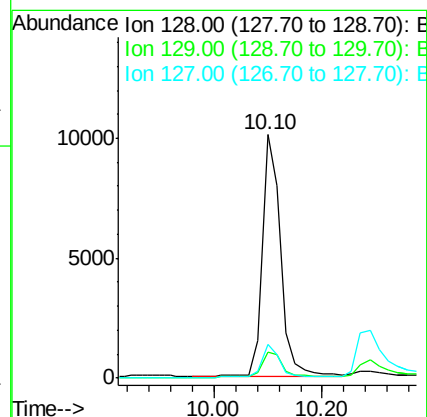
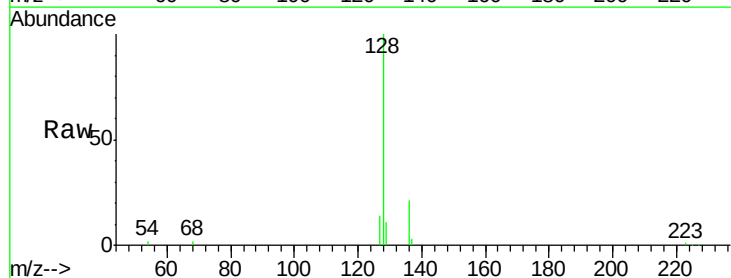
Tgt Ion: 128 Resp: 20627

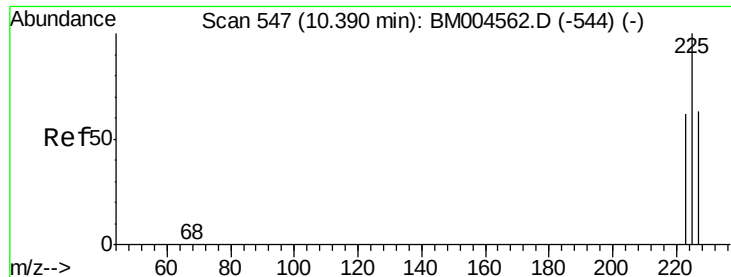
Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 14.1 11.3 16.9

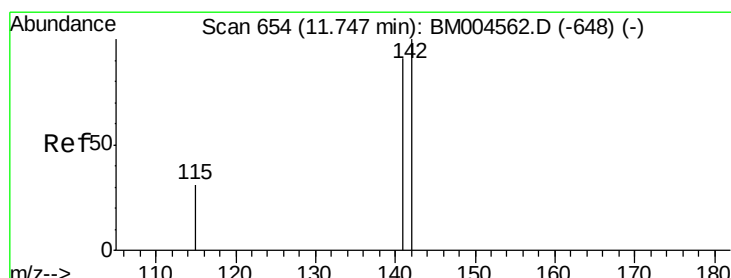
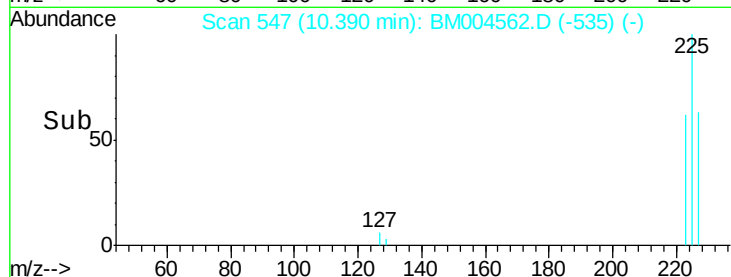
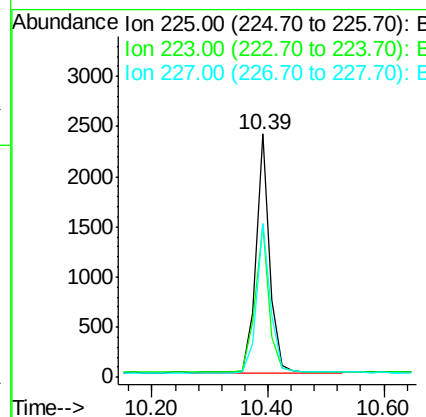
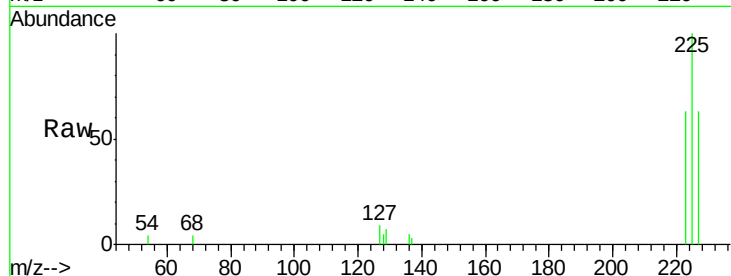




#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004562.D
Acq: 05 Mar 2016 18:44

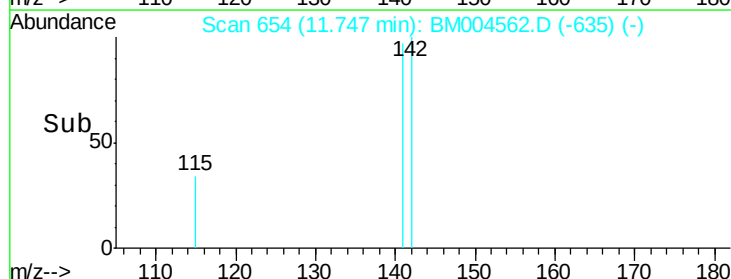
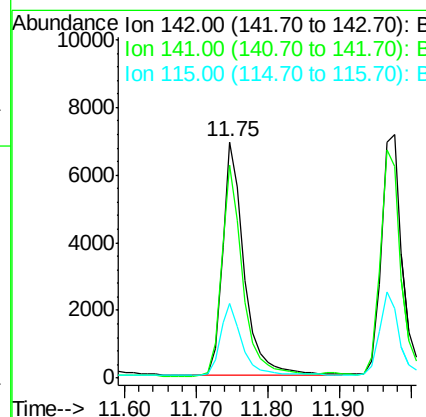
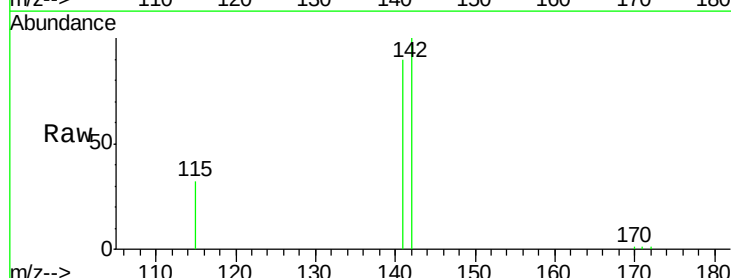
Instrument :
BNA_M
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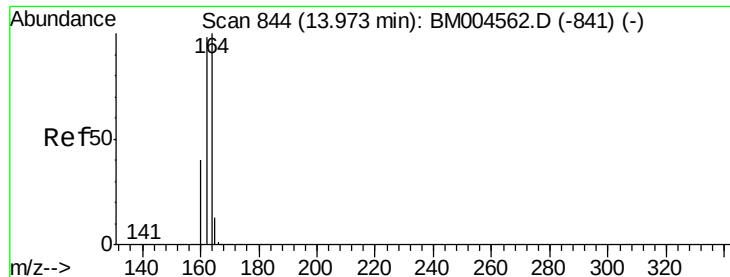
Tgt Ion: 225 Resp: 3938
Ion Ratio Lower Upper
225 100
223 62.4 0.0 0.0#
227 63.8 0.0 0.0#



#12
2-Methylnaphthalene
Concen: 0.99 ng
RT: 11.75 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004562.D
Acq: 05 Mar 2016 18:44

Tgt Ion: 142 Resp: 14398
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5
115 31.8 25.4 38.2





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

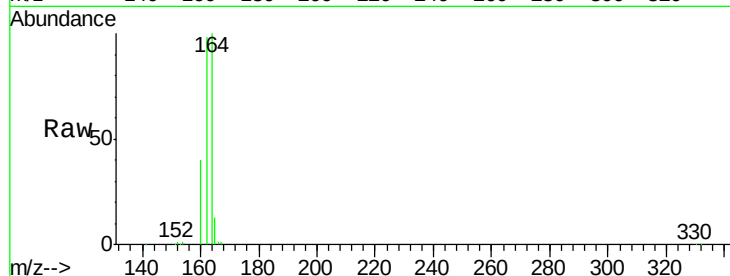
Tgt Ion:164 Resp: 56139

Ion Ratio Lower Upper

164 100

162 97.7 78.2 117.2

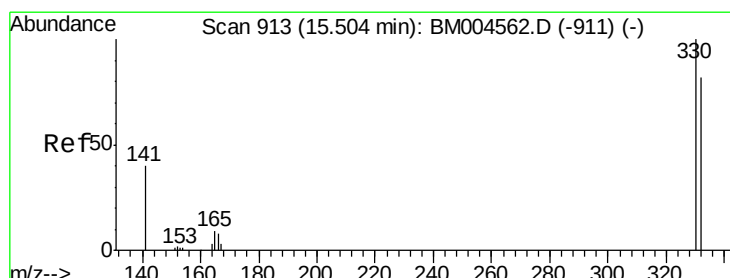
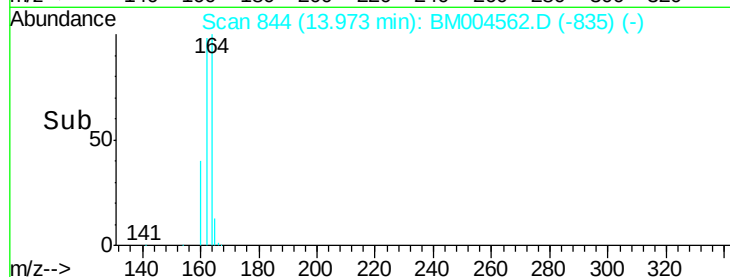
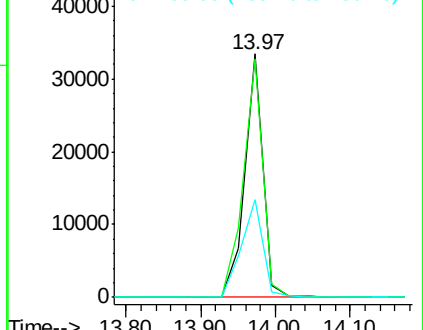
160 39.9 31.9 47.9



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: 1.01 ng

RT: 15.50 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

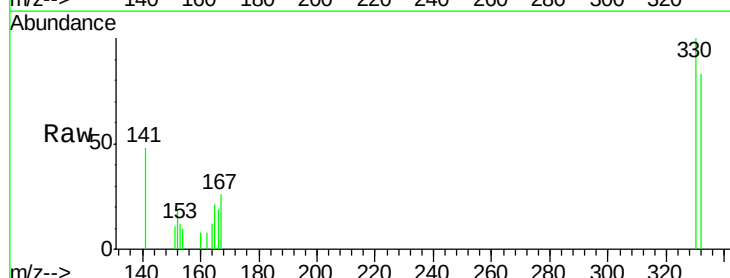
Tgt Ion:330 Resp: 1761

Ion Ratio Lower Upper

330 100

332 93.7 0.0 0.0#

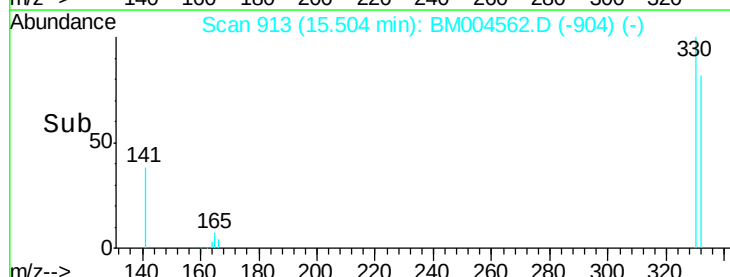
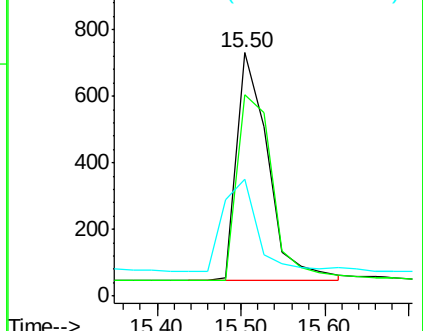
141 44.7 0.0 0.0#

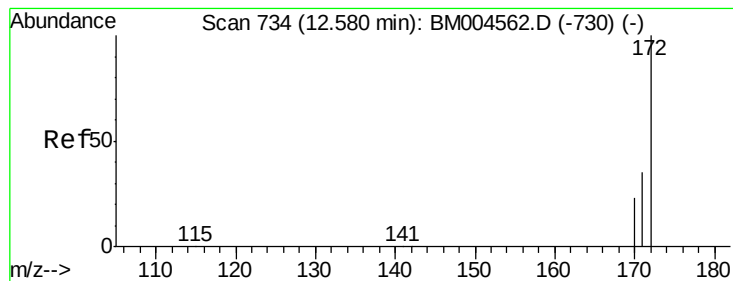


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

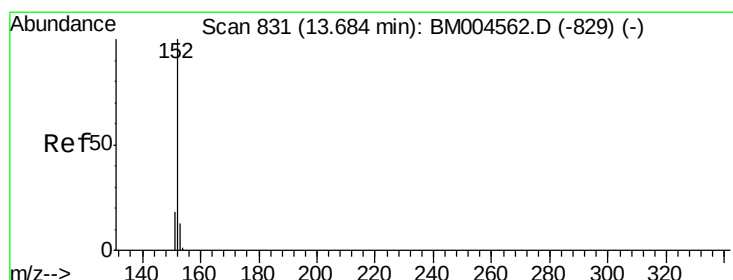
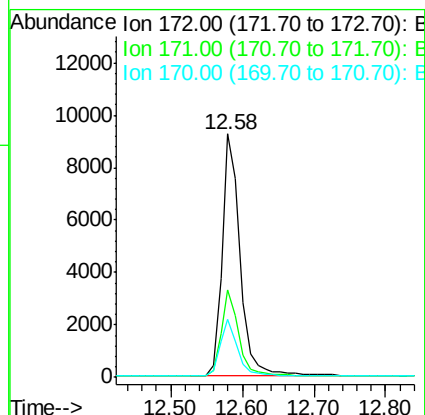
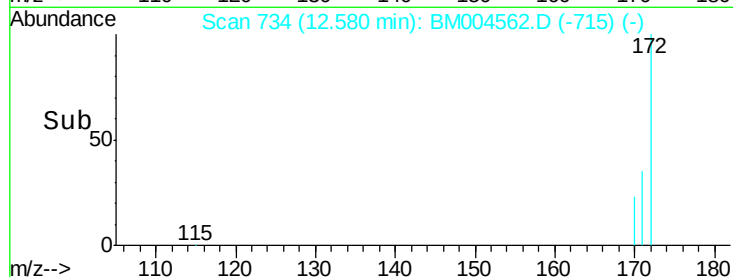
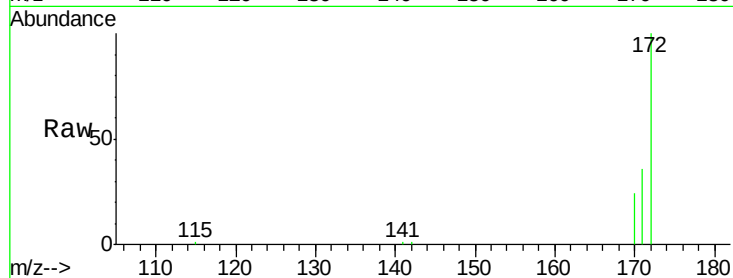




#15
2-Fluorobiphenyl
Concen: 0.92 ng
RT: 12.58 min Scan# 734
Delta R.T. 0.00 min
Lab File: BM004562.D
Acq: 05 Mar 2016 18:44

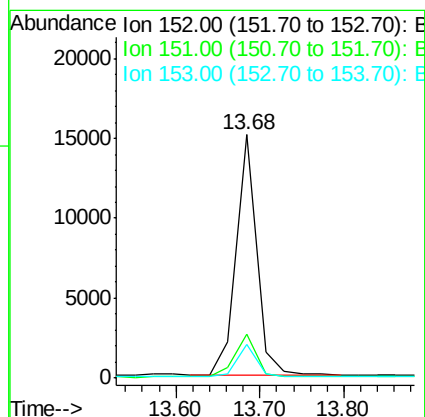
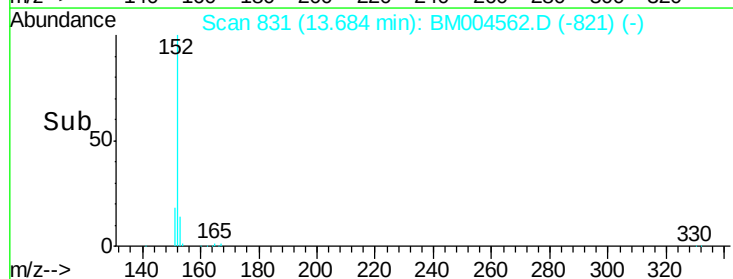
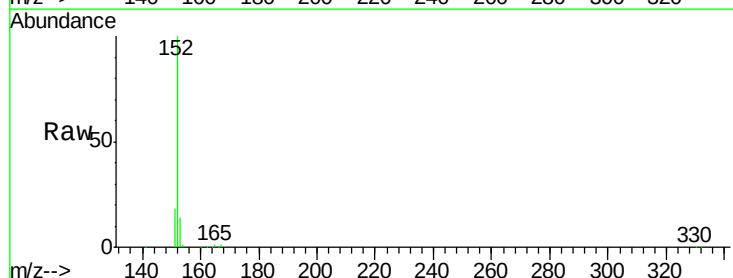
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

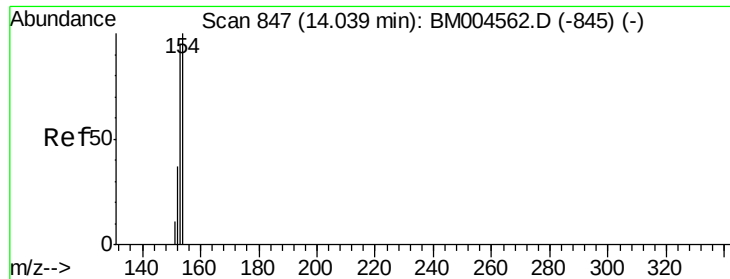
Tgt Ion:172 Resp: 16310
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.9 19.1 28.7



#16
Acenaphthylene
Concen: 0.96 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004562.D
Acq: 05 Mar 2016 18:44

Tgt Ion:152 Resp: 25279
Ion Ratio Lower Upper
152 100
151 19.1 9.2 13.8#
153 13.2 51.4 77.0#





#17

Acenaphthene

Concen: 0.88 ng

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

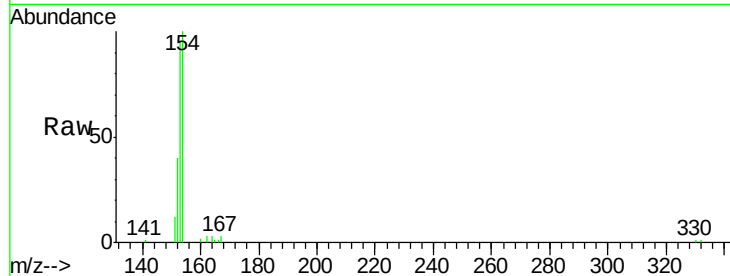
Tgt Ion:154 Resp: 14645

Ion Ratio Lower Upper

154 100

153 0.0 0.0 0.0

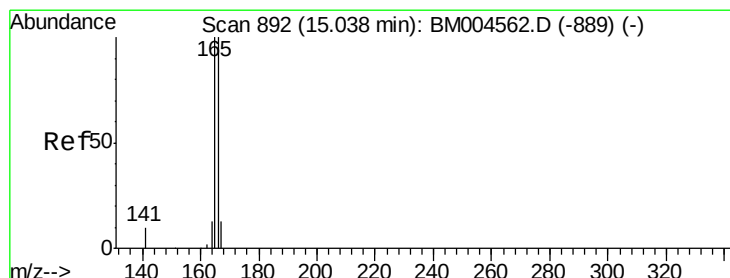
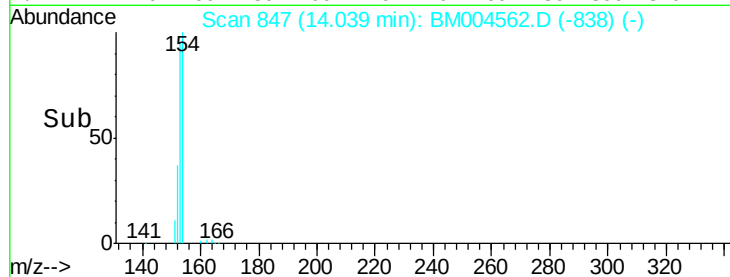
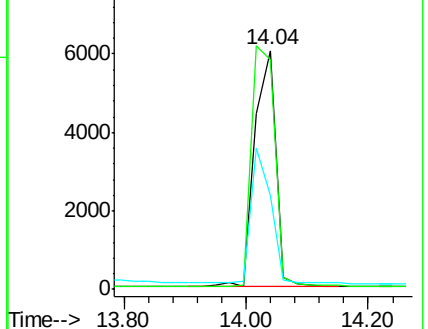
152 0.0 0.2 0.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.01 ng

RT: 15.04 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

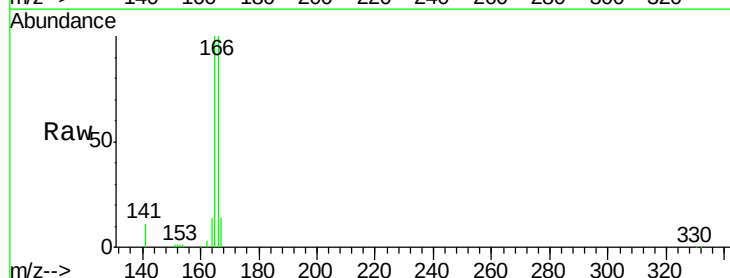
Tgt Ion:166 Resp: 20490

Ion Ratio Lower Upper

166 100

165 97.5 0.0 0.0#

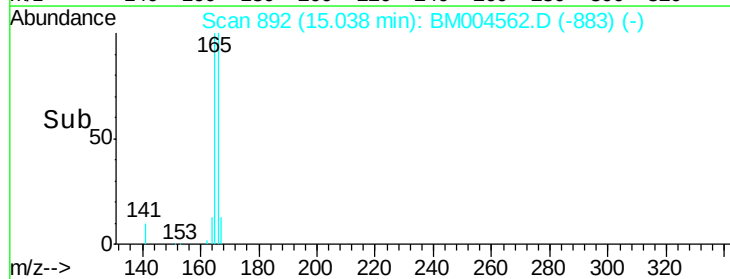
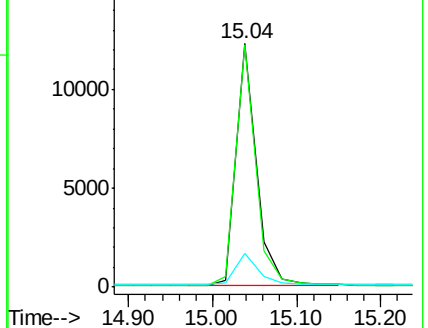
167 13.2 20.0 30.0#

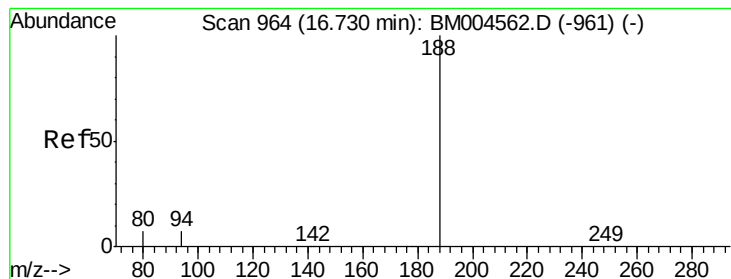


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

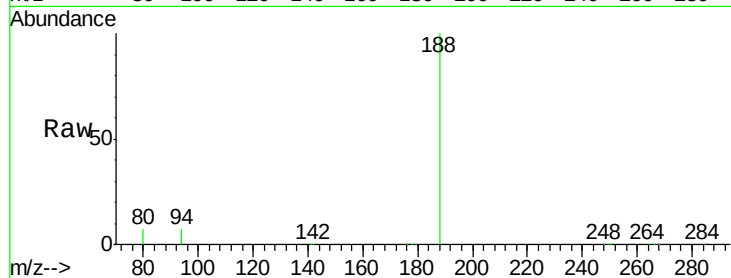
Tgt Ion:188 Resp: 142828

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

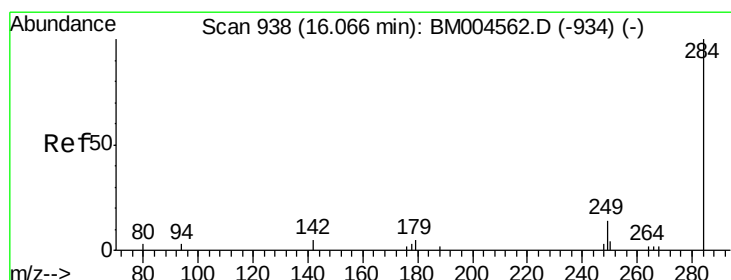
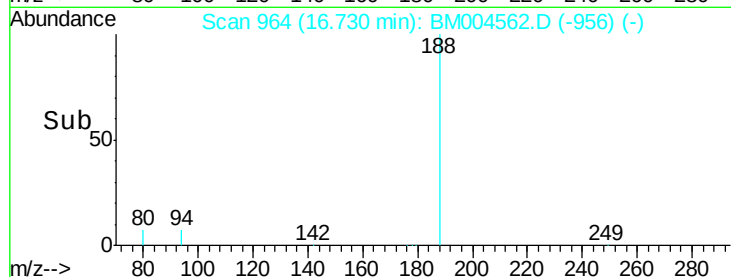
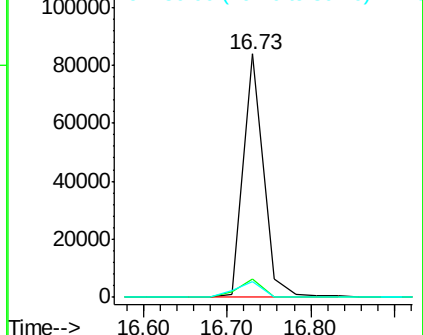
80 6.6 5.3 7.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

Hexachlorobenzene

Concen: 0.93 ng

RT: 16.07 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

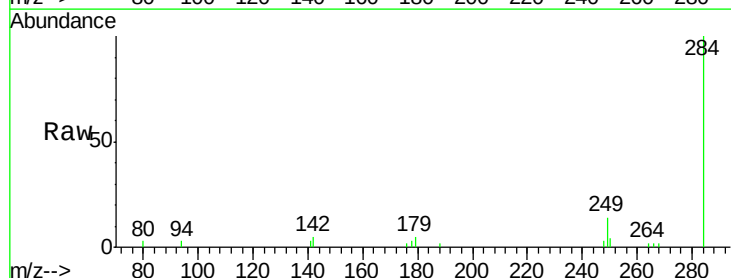
Tgt Ion:284 Resp: 5873

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

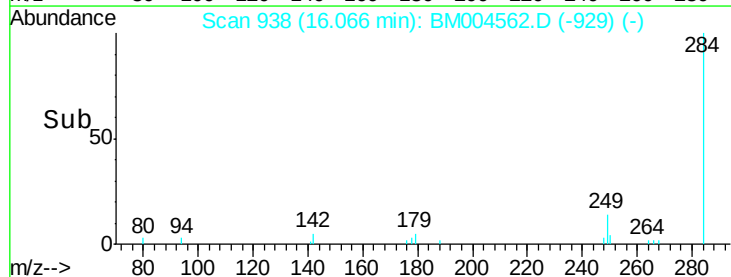
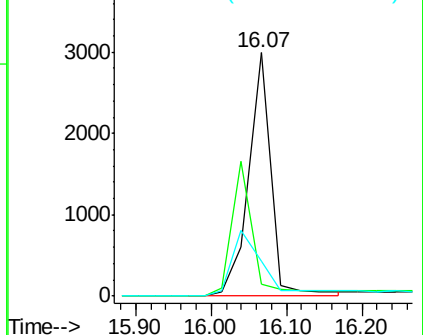
249 0.0 0.0 0.0

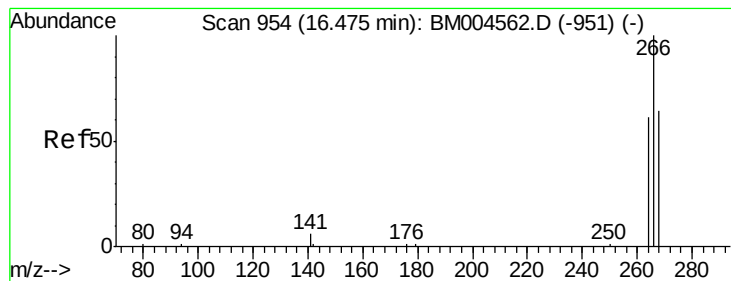


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.52 ng

RT: 16.47 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

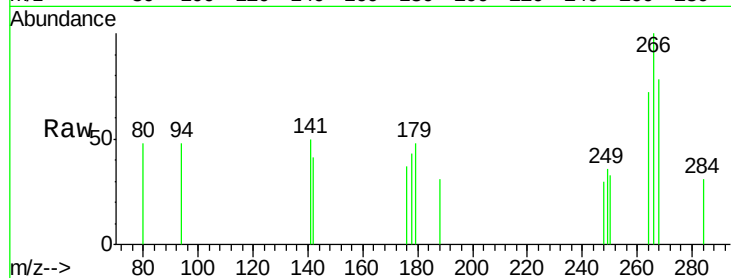
Tgt Ion:266 Resp: 463

Ion Ratio Lower Upper

266 100

268 78.3 62.6 94.0

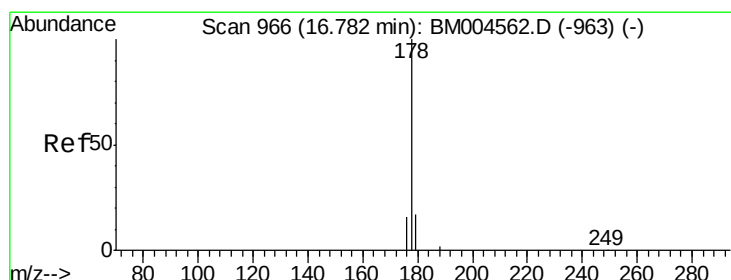
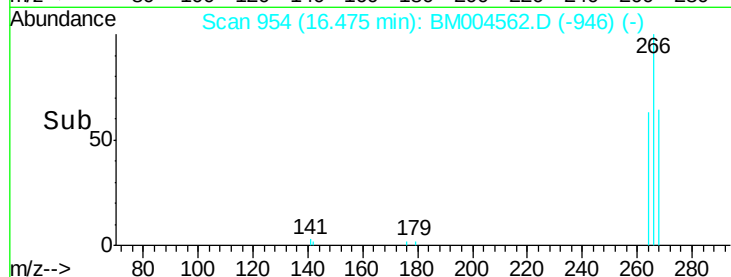
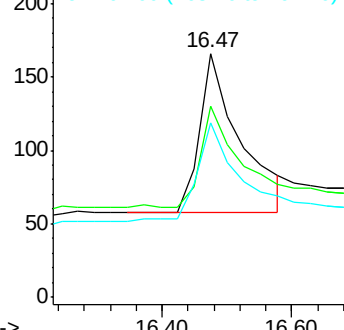
264 71.7 57.4 86.0



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: 0.80 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

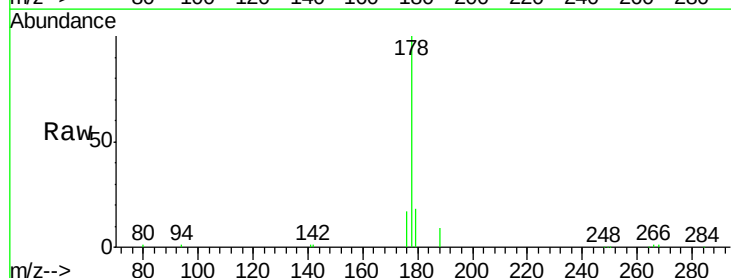
Tgt Ion:178 Resp: 27850

Ion Ratio Lower Upper

178 100

176 18.6 0.0 0.0#

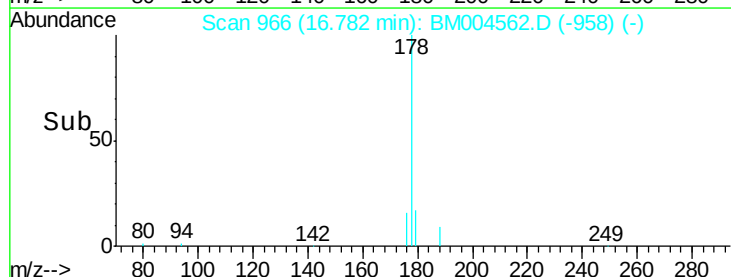
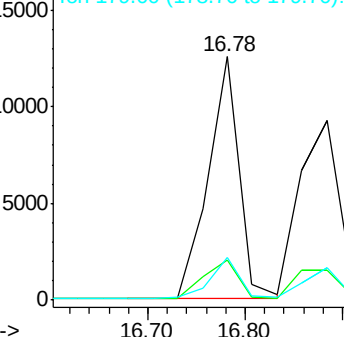
179 16.1 0.0 0.0#

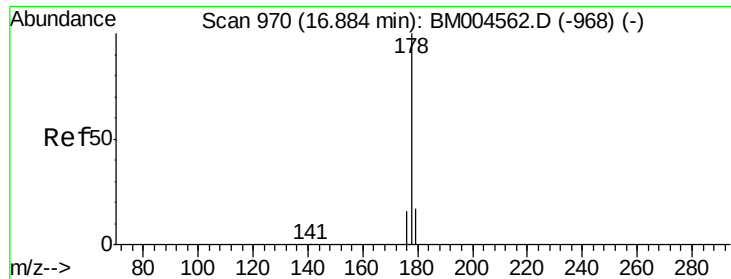


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.83 ng

RT: 16.88 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

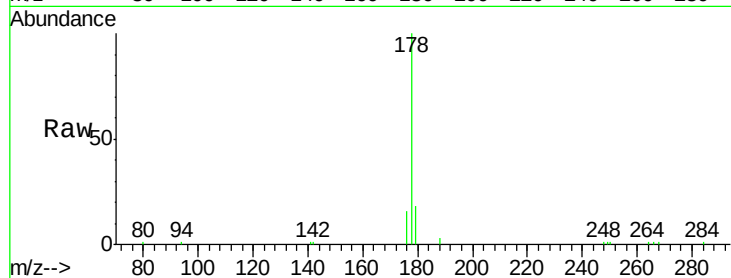
Tgt Ion:178 Resp: 26286

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

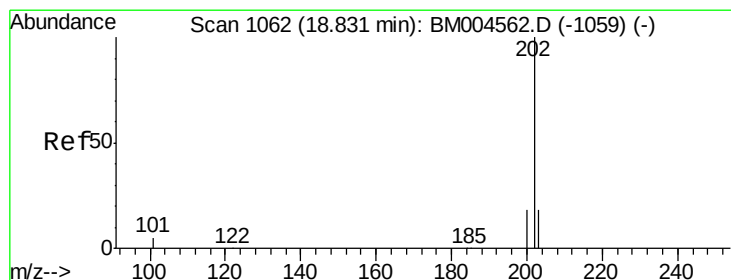
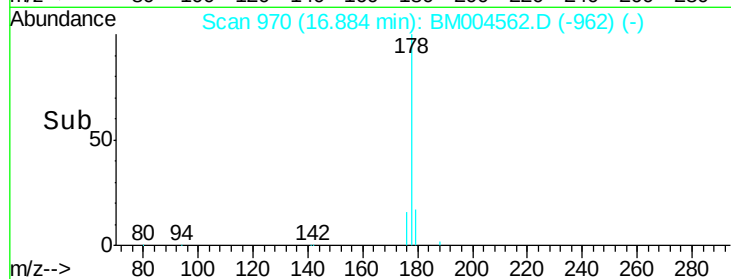
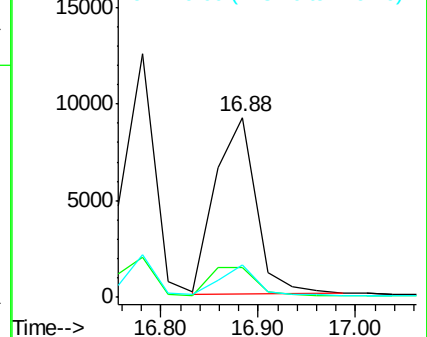
179 15.1 0.0 0.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.79 ng

RT: 18.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

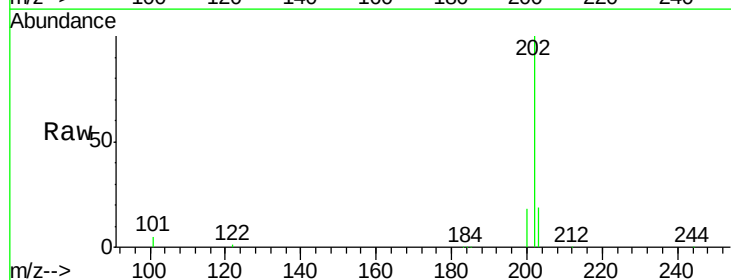
Tgt Ion:202 Resp: 35927

Ion Ratio Lower Upper

202 100

101 13.2 12.2 18.4

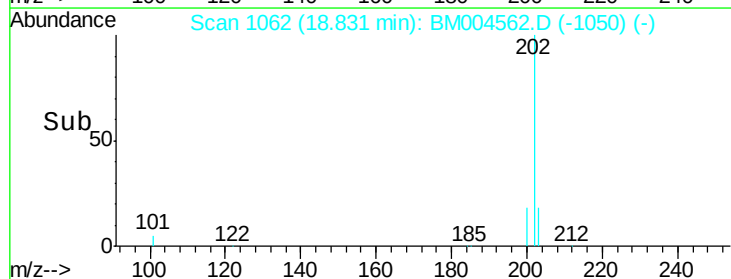
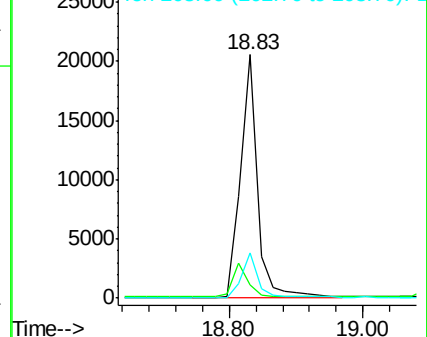
203 17.4 14.6 21.8

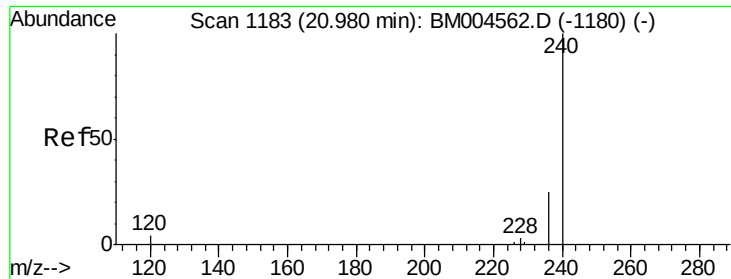


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

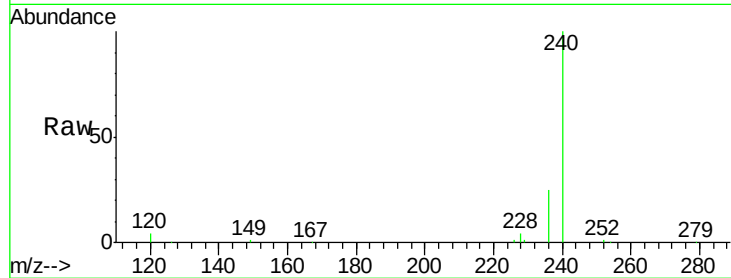
Tgt Ion:240 Resp: 119900

Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

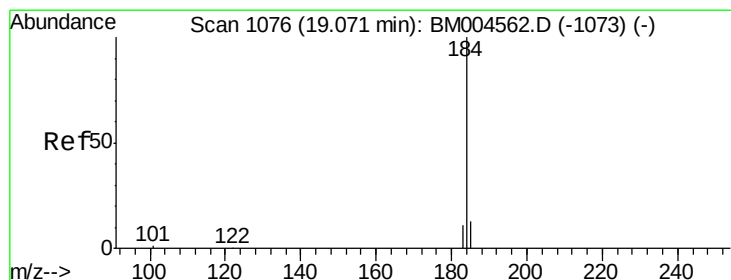
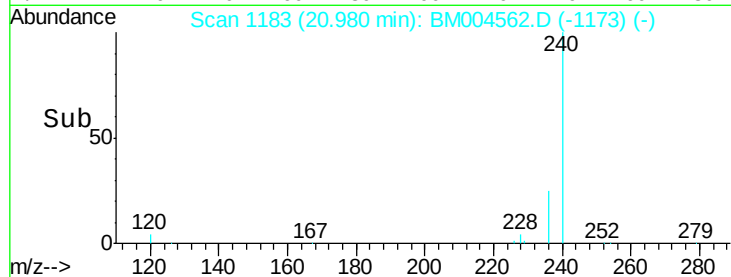
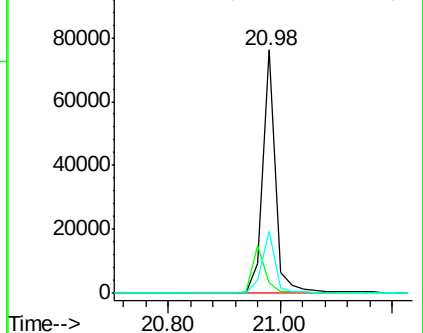
236 25.4 20.3 30.5



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

Benzidine

Concen: 0.43 ng

RT: 19.07 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

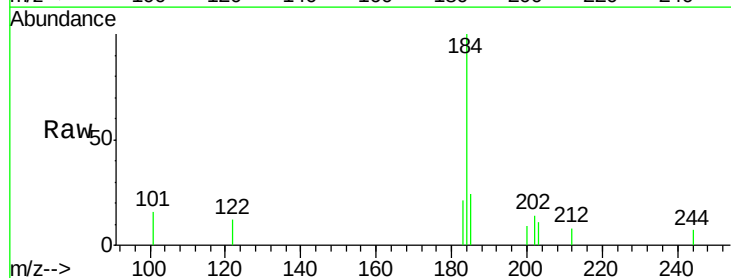
Tgt Ion:184 Resp: 4097

Ion Ratio Lower Upper

184 100

185 24.2 19.4 29.0

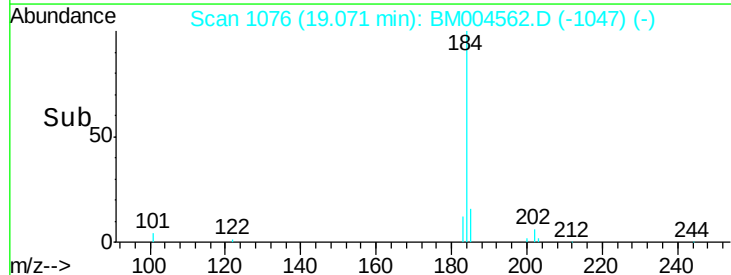
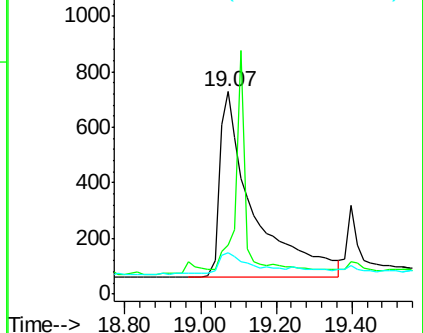
183 20.6 16.5 24.7

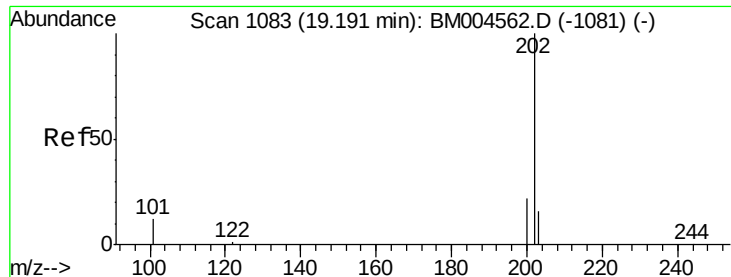


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

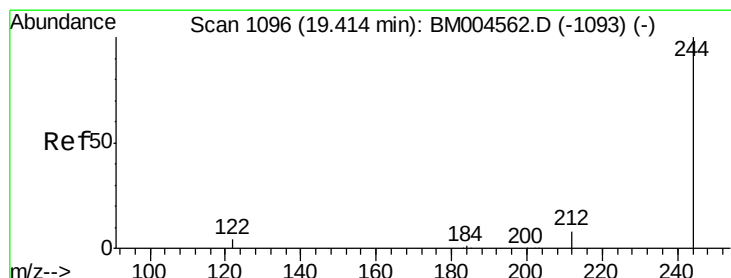
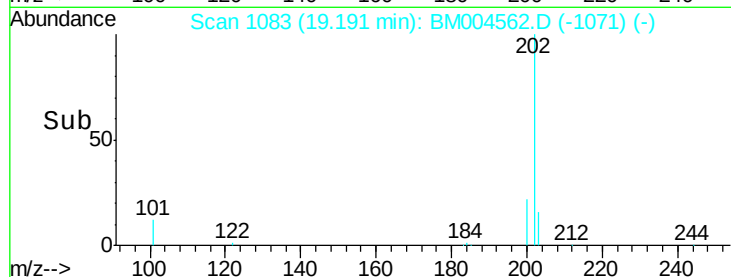
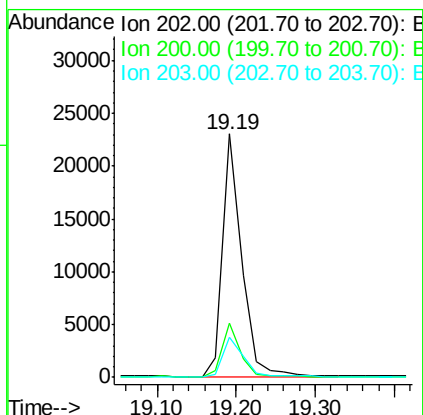
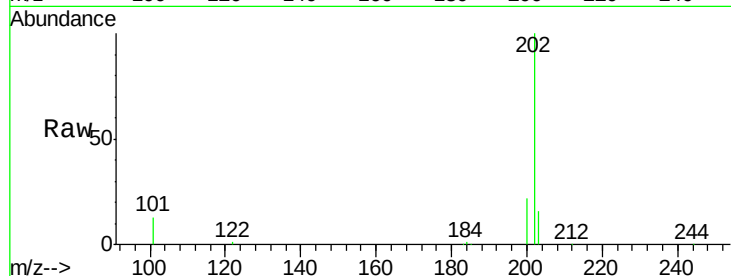




#27
 Pyrene
 Concen: 0.82 ng
 RT: 19.19 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM004562.D
 Acq: 05 Mar 2016 18:44

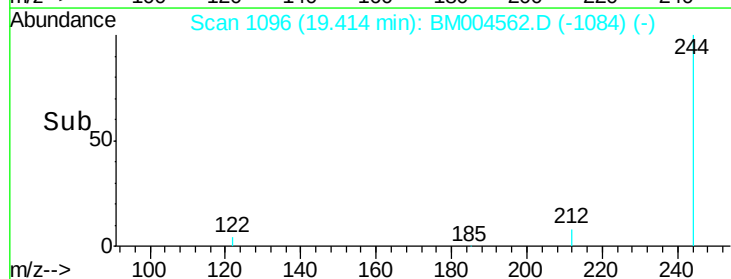
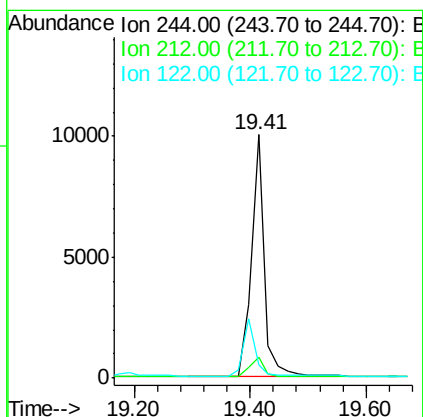
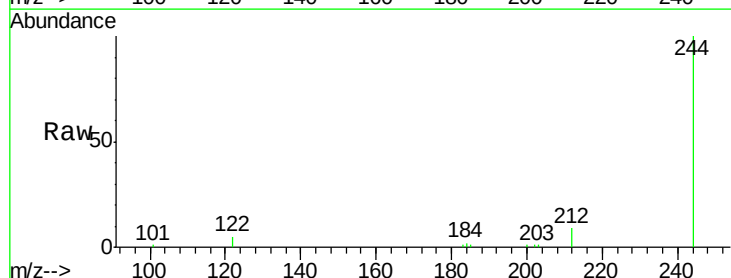
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

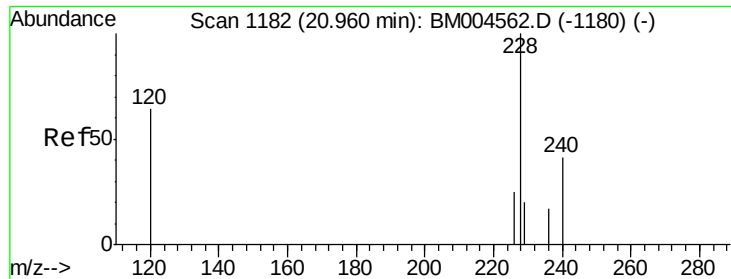
Tgt Ion:202 Resp: 38055
 Ion Ratio Lower Upper
 202 100
 200 20.9 0.2 0.2#
 203 17.3 0.0 0.0#



#28
 Terphenyl-d14
 Concen: 0.69 ng
 RT: 19.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BM004562.D
 Acq: 05 Mar 2016 18:44

Tgt Ion:244 Resp: 15834
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.4
 122 5.3 4.2 6.4





#29

Benzo(a)anthracene

Concen: 1.68 ng

RT: 20.96 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

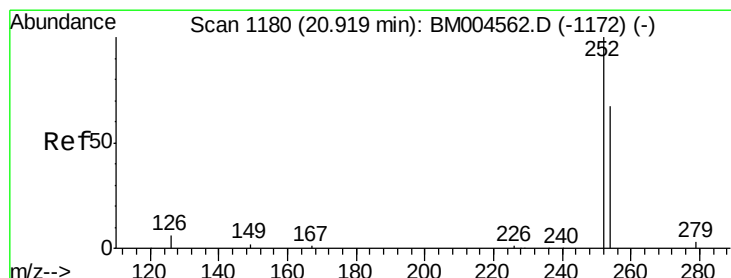
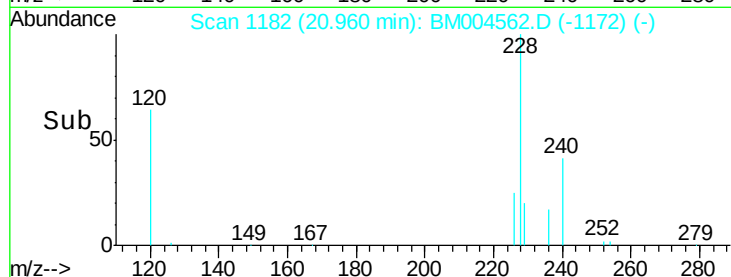
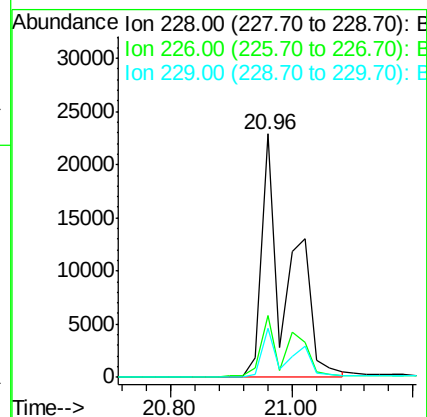
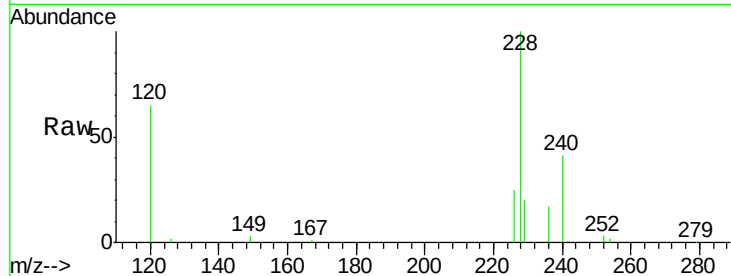
Tgt Ion:228 Resp: 67689

Ion Ratio Lower Upper

228 100

226 25.4 20.3 30.5

229 20.4 16.3 24.5



#30

3,3'-Dichlorobenzidine

Concen: 1.00 ng

RT: 20.92 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

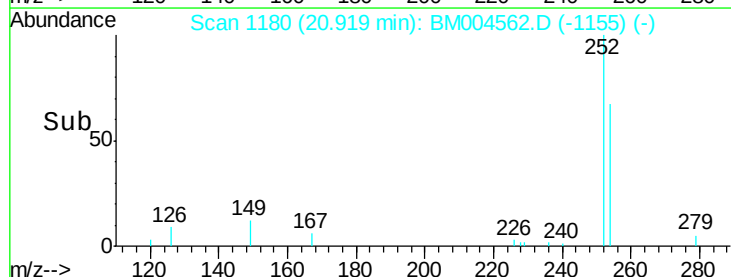
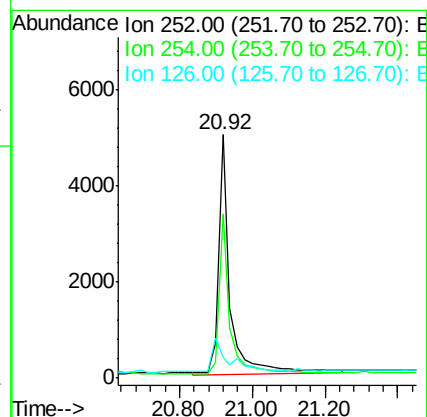
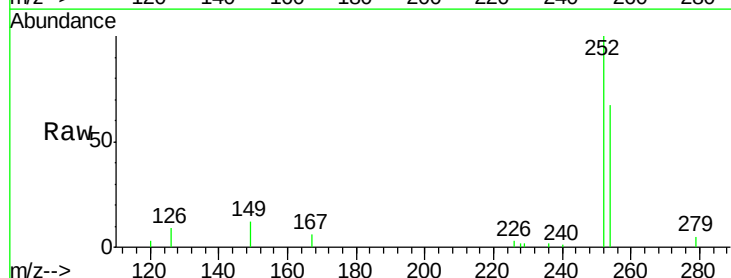
Tgt Ion:252 Resp: 11477

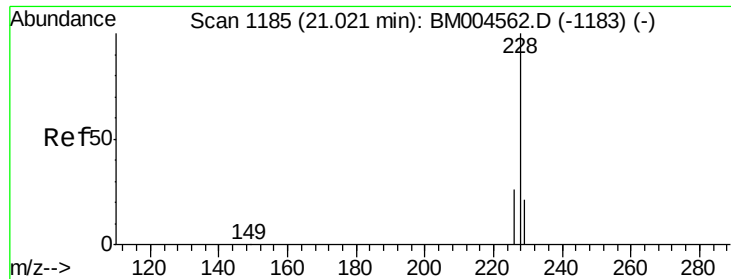
Ion Ratio Lower Upper

252 100

254 67.4 53.9 80.9

126 8.6 6.9 10.3





#31

Chrysene

Concen: 1.40 ng

RT: 20.96 min Scan# 1182

Delta R.T. -0.06 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

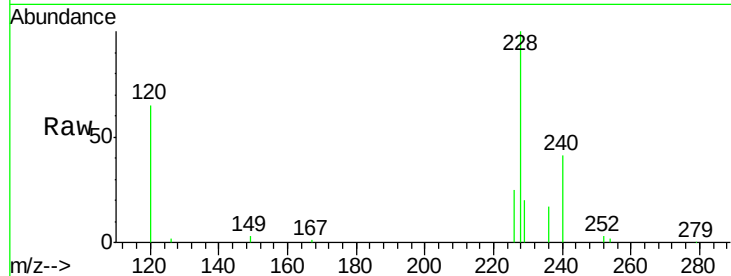
Tgt Ion:228 Resp: 68653

Ion Ratio Lower Upper

228 100

226 25.4 20.3 30.5

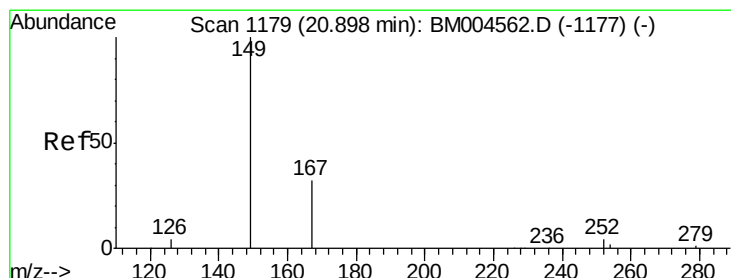
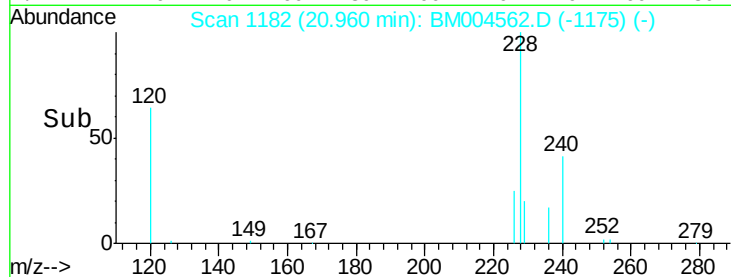
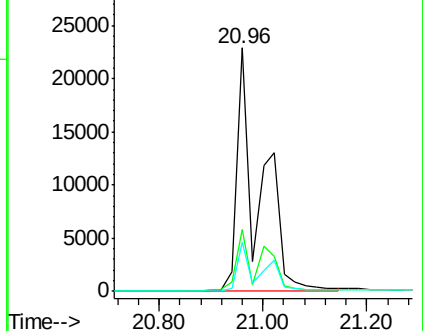
229 20.4 17.8 26.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.94 ng

RT: 20.90 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

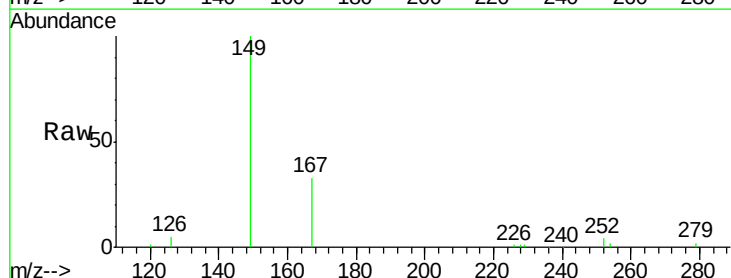
Tgt Ion:149 Resp: 23648

Ion Ratio Lower Upper

149 100

167 30.4 0.6 0.8#

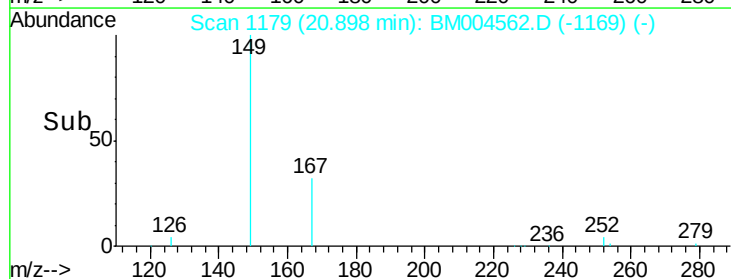
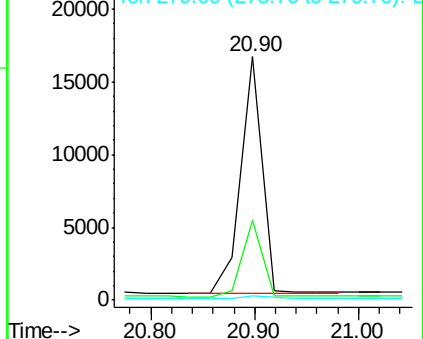
279 2.1 0.0 0.0#

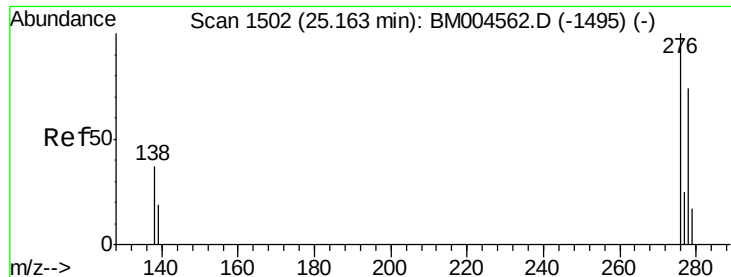


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.90 ng

RT: 25.16 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

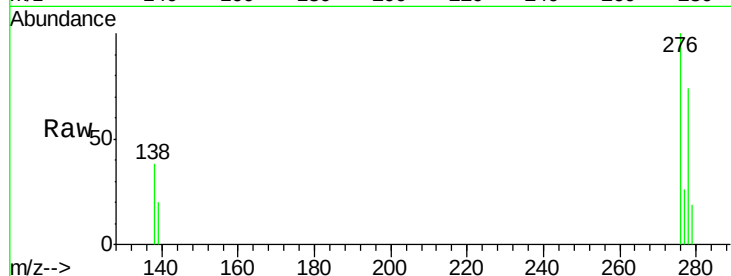
Tgt Ion:276 Resp: 31642

Ion Ratio Lower Upper

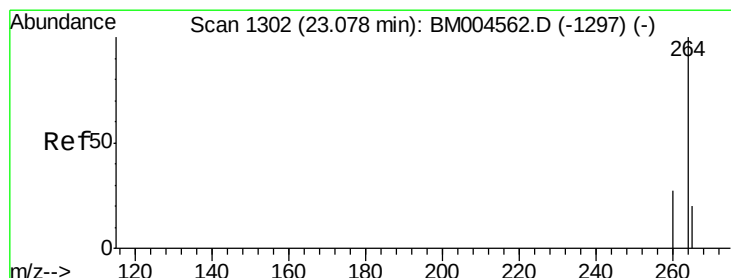
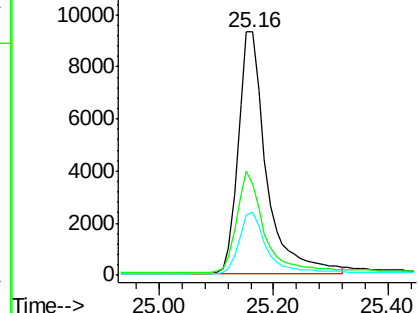
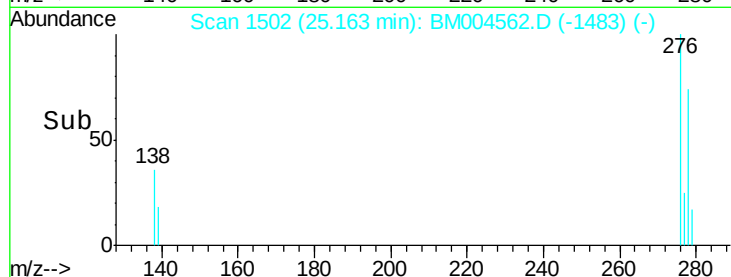
276 100

138 40.4 22.8 34.2#

277 24.8 15.2 22.8#



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



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.08 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

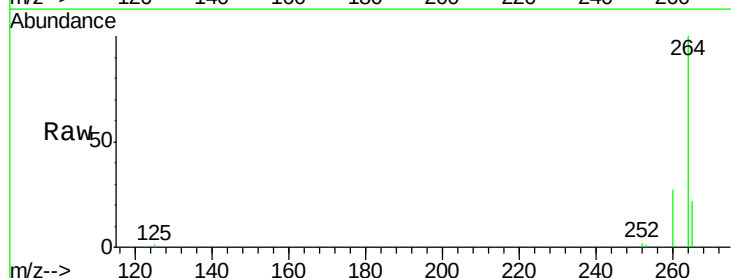
Tgt Ion:264 Resp: 109152

Ion Ratio Lower Upper

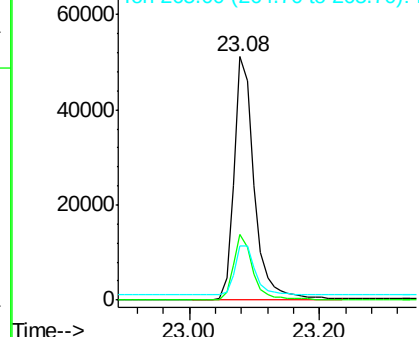
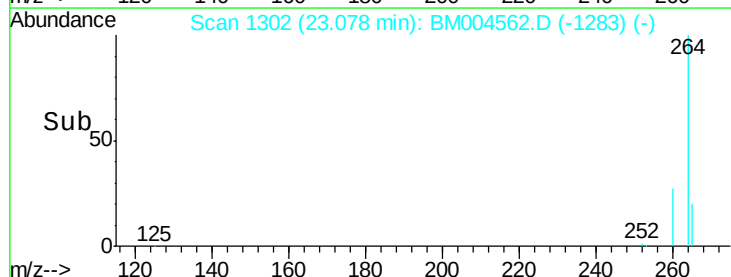
264 100

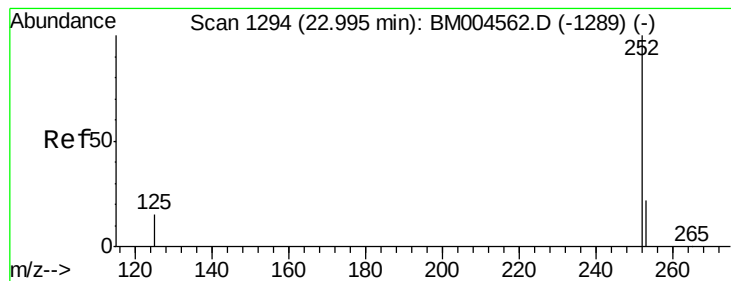
260 26.8 21.4 32.2

265 22.3 17.8 26.8



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





#35

Benzo(a)pyrene

Concen: 0.94 ng

RT: 22.99 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

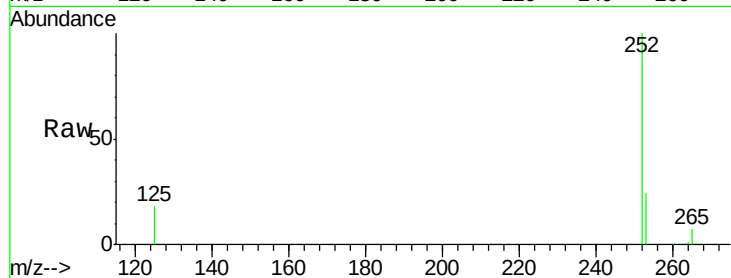
Tgt Ion:252 Resp: 30551

Ion Ratio Lower Upper

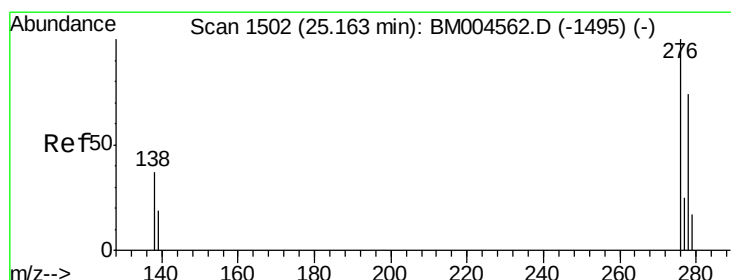
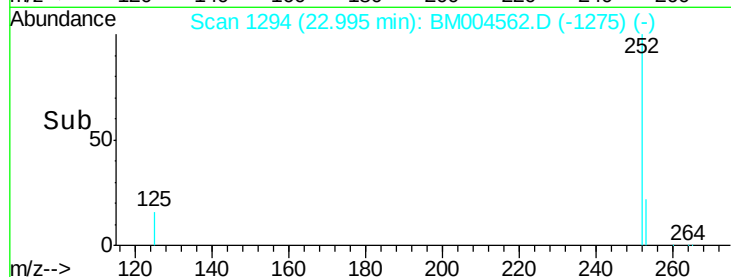
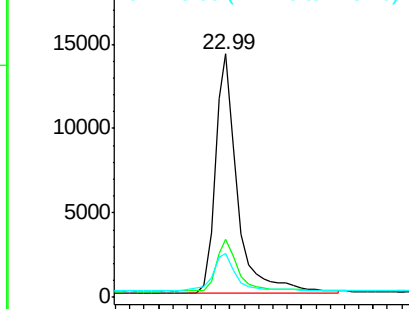
252 100

253 23.8 19.0 28.6

125 18.0 14.4 21.6



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: 0.91 ng

RT: 25.16 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BM004562.D

Acq: 05 Mar 2016 18:44

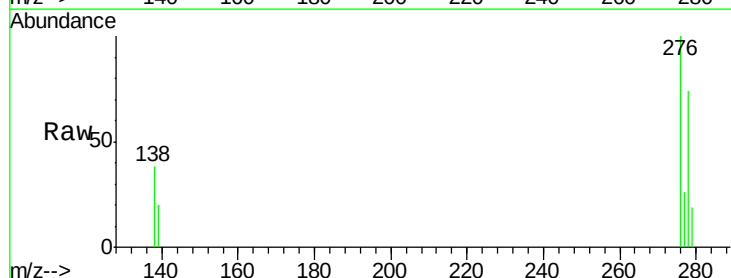
Tgt Ion:278 Resp: 24528

Ion Ratio Lower Upper

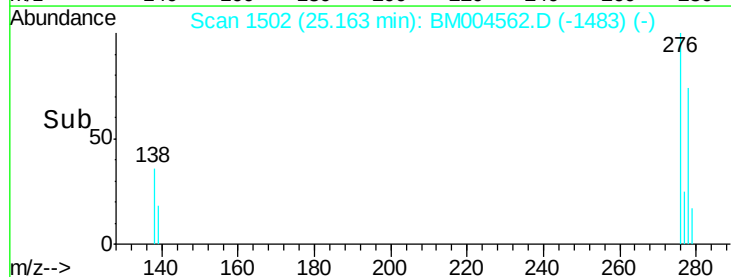
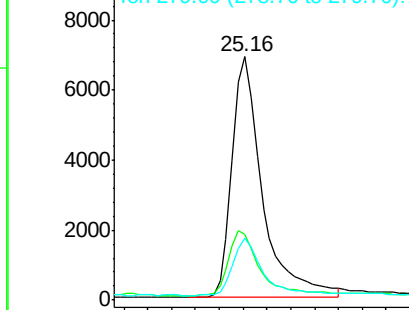
278 100

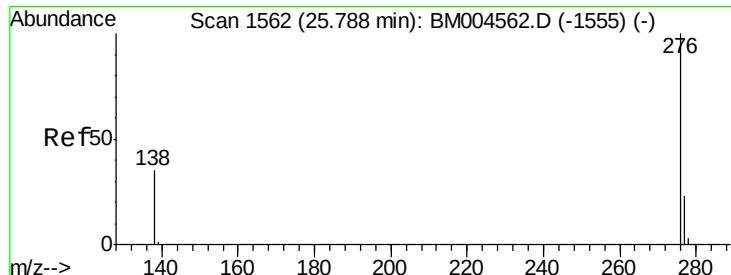
139 27.1 21.7 32.5

279 25.3 20.2 30.4



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: 0.90 ng

RT: 25.79 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BM004562.D

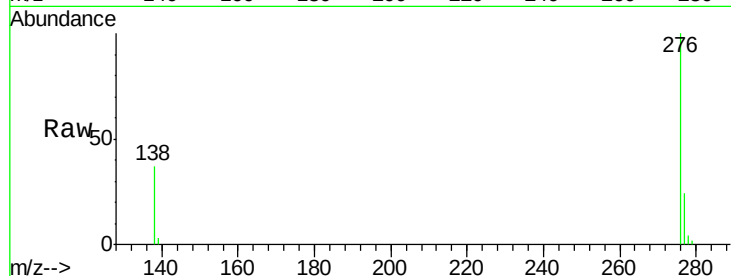
Acq: 05 Mar 2016 18:44

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001



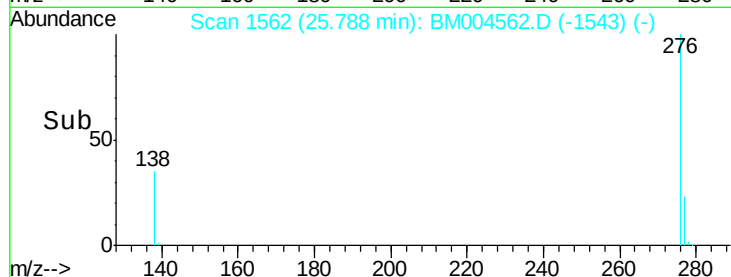
Tgt Ion: 276 Resp: 27257

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 36.6 29.3 43.9



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

